Hydropower Modeling Attachment: Alternative Plan 4 CVP, Existing Conditions

Upper San Joaquin River Basin Storage Investigation, California

Prepared by:

United States Department of the Interior
Bureau of Reclamation
Mid-Pacific Region

U.S. Department of the Interior
Bureau of Reclamation

August 2014

Mission Statements

The mission of the Department of the Interior is to protect and provide access to our Nation's natural and cultural heritage and honor our trust responsibilities to Indian Tribes and our commitments to island communities.

The mission of the Bureau of Reclamation is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

Energy generated (GWh) at CVP San Luis: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	22.37	31.95	29.13	37.34	17.87	0.00	138.66
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	19.39	34.84	21.87	12.02	8.59	0.00	96.71
1924	Critical	0.00	0.00	0.00	0.00	0.00	8.54	9.94	21.03	32.03	23.30	20.44	0.00	115.28
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	17.05	37.54	23.28	9.63	10.69	0.00	98.19
1926	Dry	0.00	0.00	0.00	0.00	0.00	13.65	10.59	27.50	15.39	9.93	10.80	0.00	87.86
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	27.95	46.13	30.44	14.13	7.79	0.00	126.44
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	22.10	40.06	24.88	20.49	4.68	0.00	112.21
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	11.50	20.85	26.51	10.92	0.00	0.00	69.78
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	11.87	27.78	32.59	13.14	15.16	0.36	100.90
1931	Critical	0.00	0.00	0.00	0.00	0.00	1.41	12.38	22.21	33.66	23.39	17.92	0.00	110.97
1932	Dry	0.00	0.00	0.00	0.00	0.00	7.03	14.35	28.63	40.29	35.90	3.75	0.00	129.95
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	10.11	23.15	36.37	29.49	0.00	0.00	99.12
1934	Critical	0.00	0.00	0.00	0.00	0.00	5.75	14.02	25.02	38.38	24.33	16.80	0.00	124.30
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	10.70	31.92	13.64	15.79	25.20	0.00	97.25
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	10.71	19.78	36.51	18.79	21.95	0.00	107.74
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.14	29.83	27.69	27.46	0.00	93.12
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.00	19.94	49.89	45.04	0.00	115.56
1939	Dry	0.00	14.43	0.00	0.00	0.00	0.37	21.96	29.91	42.26	3.25	1.82	0.00	114.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	15.48	23.89	25.05	12.11	3.37	0.00	79.90
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	28.94	48.22	37.93	41.53	21.43	0.00	178.05
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	33.66	48.45	24.82	29.47	17.23	0.00	153.63
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	15.09	35.46	37.88	40.04	19.93	0.00	148.40
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	13.39	22.06	23.97	3.76	10.68	0.00	73.86
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	31.24	53.50	50.30	17.85	12.53	0.00	165.42
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	31.83	52.07	48.17	25.04	11.96	0.00	169.07
1947	Dry	0.00	0.00	0.00	0.00	0.00	8.28	19.48	37.76	39.46	10.13	8.42	0.00	123.53
1948	Below Normal	0.00	0.00	0.00	0.00	6.52	0.00	8.47	20.88	9.02	2.80	0.00	0.00	47.69
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	27.55	46.79	35.32	18.64	9.23	0.00	137.53
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	15.61	29.94	15.20	8.32	5.91	0.00	74.98
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	32.45	53.52	43.56	29.72	12.12	0.00	171.37
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	17.08	21.48	17.61	60.25	37.76	0.00	154.18
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	20.35	34.72	34.91	9.24	2.41	0.00	101.63
1954	Above Normal	0.19	0.00	0.00	0.00	0.00	0.00	18.60	27.79	22.96	11.31	0.08	0.00	80.93
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	23.24	43.66	50.92	13.58	9.47	0.00	140.87
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	31.35	54.83	31.18	33.07	21.65	0.00	172.08
1957	Above Normal	0.00	0.00	0.00	0.00	4.94	5.50	8.56	21.20	13.01	0.68	0.00	0.00	53.89
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	10.68	39.23	23.36	60.55	29.77	0.00	163.59
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	7.95	21.42	25.30	2.20	0.00	0.00	56.87
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	20.76	21.85	29.96	4.27	0.26	0.00	77.10
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	26.05	36.50	50.23	7.03	0.00	0.00	119.81
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	17.85	25.98	31.85	7.22	2.31	0.00	85.21
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	25.94	42.86	24.42	11.15	4.16	3.69	112.22
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	28.00	41.76	40.21	11.26	1.04	0.00	122.27
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	19.20	46.42	41.97	20.28	0.00	0.00	127.87
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	17.18	35.02	37.70	8.19	2.79	0.00	100.88
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	7.20	26.34	16.63	28.37	36.46	0.00	115.00
1968	Below Normal	0.00	0.00	0.00	0.00	5.15	0.00	19.28	28.91	31.88	4.59	0.00	0.00	89.81
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.96	46.55	0.00	81.51
1970	Wet	0.00	15.13	0.00	0.00	0.00	0.00	30.06	53.70	51.85	31.63	12.53	0.00	194.90
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	15.30	23.59	19.13	3.58	0.00	0.00	61.60
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	19.98	32.45	34.80	6.50	1.49	0.00	95.22
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	29.29	34.06	37.05	18.92	7.98	6.40	133.70
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	28.42	57.97	38.96	30.55	8.97	0.00	164.87
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	27.27	37.03	24.03	17.00	1.15	0.00	106.48
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	9.05	26.06	28.86	13.38	21.21	7.36	105.92
1977	Critical	0.00	0.00	0.00	0.00	0.00	4.46	5.65	15.31	26.35	16.22	0.00	2.79	70.78
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	9.22	26.95	23.40	31.51	24.00	0.00	115.08
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	27.98	30.57	47.74	16.80	7.17	0.00	130.26
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	22.67	43.71	36.32	37.72	27.02	9.43	176.87
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	12.74	23.42	29.53	4.69	1.87	0.00	72.25
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.78	33.20	64.21	37.39	0.00	155.58
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.86	2.97	0.00	10.83
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	31.84	53.65	50.22	18.43	12.49	0.00	166.63
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	18.72	40.29	34.26	14.03	6.51	0.00	113.81
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	4.53	21.12	10.80	38.50	18.50	31.23	124.68
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	17.96	26.34	30.56	2.44	10.63	0.00	87.93
1988	Critical	0.00	0.00	0.00	0.00	4.13	6.13	6.00	12.33	25.61	0.48	0.00	5.51	60.19
1989	Dry	0.00	0.00	0.00	0.00	0.00	2.26	12.25	24.16	21.81	3.17	3.57	0.00	67.22
1990	Critical	0.00	0.00	0.00	0.00	0.00	4.32	9.08	12.68	26.78	0.85	0.00	7.47	61.18
1991	Critical	0.00	0.00	0.00	0.00	0.00	1.22	6.02	16.29	18.47	11.21	0.00	0.76	53.97
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	11.92	18.53	12.59	0.00	0.00	1.60	44.64
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	22.85	32.66	12.71	11.75	4.61	0.00	84.58
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	20.54	27.86	44.18	4.51	0.00	0.00	97.09
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	10.17	0.00	19.19	22.44	29.81	0.00	81.61
1996	Wet	2.61	0.00	0.00	0.00	0.00	0.00	24.74	23.76	25.46	26.64	8.13	0.00	111.34
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	34.09	56.19	41.55	40.34	9.87	0.00	182.04
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	9.37	23.06	15.54	25.65	31.16	0.00	104.78
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	27.22	46.55	32.72	14.80	6.02	0.00	127.31
2000	Above Normal	1.65	0.00	0.00	0.00	0.00	0.00	25.01	38.49	26.23	24.88	4.17	0.00	120.43
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	17.97	37.84	35.07	0.00	16.58	0.00	107.46
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	20.14	34.16	35.56	6.33	0.03	0.00	96.22
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	19.74	24.82	26.41	10.01	3.68	0.00	84.66
	Average	0.05	0.36	0.00	0.00	0.25	0.84	17.41	30.67	29.50	18.59	11.01	0.93	109.63
	Wet	0.10	0.58	0.00	0.00	0.00	0.00	18.51	33.14	27.07	29.79	18.05	1.34	128.57
	Above Normal	0.15	0.00	0.00	0.00	0.41	0.46	20.70	33.26	26.73	20.54	9.13	1.32	112.69
	Below Normal	0.00	0.00	0.00	0.00	0.83	0.00	17.01	30.39	30.99	12.41	9.10	0.00	100.73
	Dry	0.00	0.80	0.00	0.00	0.00	1.76	18.56	32.66	33.93	9.51	6.70	0.02	103.93
	Critical	0.00	0.00	0.00	0.00	0.34	2.65	10.52	20.11	29.15	13.17	6.36	2.12	84.44

Energy generated (GWh) at CVP San Luis: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	21.88	44.31	26.96	39.79	18.05	0.00	150.99
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	15.36	32.45	20.37	8.93	6.36	0.00	83.47
1924	Critical	0.00	0.00	0.00	0.00	0.00	7.88	8.79	16.53	31.30	20.13	4.43	0.00	89.06
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	11.43	19.96	18.44	5.54	3.67	0.00	59.04
1926	Dry	0.00	0.00	0.00	0.00	0.00	12.57	9.40	19.03	16.89	4.24	4.82	0.00	66.95
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	24.24	35.61	28.43	12.84	6.62	0.00	107.74
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	19.94	30.99	27.82	12.79	2.00	0.00	93.54
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	10.32	18.13	19.99	9.29	0.00	0.00	57.73
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	11.06	25.15	26.78	15.13	19.21	0.49	97.82
1931	Critical	0.00	0.00	0.00	0.00	0.00	1.33	11.81	20.75	29.21	30.09	15.33	0.00	108.52
1932	Dry	0.00	0.00	0.00	0.00	0.00	6.81	13.88	27.39	37.09	30.56	3.43	0.00	119.16
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	9.95	22.97	36.30	29.33	0.00	0.00	98.55
1934	Critical	0.00	0.00	0.00	0.00	0.00	5.47	13.61	24.30	37.06	22.71	16.47	0.00	119.62
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	10.72	31.85	14.30	15.15	24.20	0.00	96.22
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	14.14	36.07	35.17	17.57	20.46	0.00	123.41
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.64	14.11	50.96	26.31	25.31	0.00	118.33
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	5.21	19.01	18.77	49.77	41.99	0.00	134.75
1939	Dry	0.00	7.73	0.00	0.00	0.00	0.00	19.78	25.20	36.16	0.76	0.03	0.00	89.66
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	16.53	31.40	26.01	12.21	2.02	0.00	88.17
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	28.31	48.75	36.89	39.66	20.31	0.00	173.92
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	33.28	47.62	24.41	41.52	18.44	0.00	165.27
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	20.28	39.42	29.21	36.11	16.53	0.00	141.55
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	13.18	21.74	23.60	4.11	11.09	0.00	73.72
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	30.38	52.14	48.37	16.46	11.53	0.00	158.88
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	31.21	51.17	46.96	23.92	11.23	0.00	164.49
1947	Dry	0.00	0.00	0.00	0.00	0.00	8.33	19.59	37.93	39.65	10.26	8.48	0.00	124.24
1948	Below Normal	0.00	0.00	0.00	0.00	6.56	0.00	8.46	20.80	8.90	2.69	0.00	0.00	47.41
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	27.59	46.85	35.33	18.67	9.18	0.00	137.62
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	15.59	29.90	15.15	8.31	5.88	0.00	74.83
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	32.45	53.52	43.56	29.72	12.12	0.00	171.37
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	25.65	26.54	16.74	56.11	34.51	0.00	159.55
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	19.73	34.19	34.14	8.37	1.58	0.00	98.01
1954	Above Normal	0.04	0.00	0.00	0.00	0.00	0.00	18.92	28.53	23.42	11.65	0.11	0.00	82.67
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	23.17	43.54	50.77	13.51	9.53	0.00	140.52
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	31.35	54.83	31.17	33.05	21.64	0.00	172.04
1957	Above Normal	0.00	0.00	0.00	0.00	4.95	5.51	8.57	21.20	13.01	0.69	0.00	0.00	53.93
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	19.97	41.78	20.52	55.40	26.26	0.00	163.93
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	11.49	19.67	24.32	2.14	0.00	0.00	57.62
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	20.86	22.07	30.12	4.34	0.43	0.00	77.82
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	26.08	36.59	50.36	7.10	0.11	0.00	120.24
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	17.85	25.98	31.86	7.22	2.32	0.00	85.23
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	25.71	42.50	24.00	10.82	3.95	3.94	110.92
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	28.06	41.85	40.34	11.35	1.07	0.00	122.67
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	18.48	43.46	39.05	17.74	0.00	0.00	118.73
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	21.61	34.36	36.96	7.72	2.56	0.00	103.21
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	15.96	30.13	15.88	30.98	33.18	0.00	126.13
1968	Below Normal	0.00	0.00	0.00	0.00	5.08	0.00	18.88	27.79	30.69	4.03	0.00	0.00	86.47
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.00	34.96	46.56	0.00	81.91
1970	Wet	0.00	15.19	0.00	0.00	0.00	0.00	30.07	53.78	52.00	21.15	12.54	0.00	184.73
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	15.25	23.44	19.07	3.57	0.00	0.00	61.33
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	19.99	32.47	34.82	6.52	1.50	0.00	95.30
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	29.29	49.32	36.23	16.97	7.01	0.00	138.82
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	33.66	56.40	34.42	40.39	6.60	0.00	171.47
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	27.73	38.09	24.73	17.70	1.28	0.00	109.53
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	9.01	25.98	28.72	13.03	21.21	7.41	105.36
1977	Critical	0.00	0.00	0.00	0.00	0.00	4.48	5.66	15.30	26.32	16.14	0.00	2.75	70.65
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	12.36	26.83	17.55	34.53	23.66	0.00	114.93
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	27.86	41.60	44.66	14.36	9.25	0.00	137.73
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	22.37	43.44	36.86	43.44	7.66	1.30	155.07
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	12.46	23.46	28.66	3.80	1.56	0.00	69.94
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.04	32.67	62.22	35.62	0.00	157.55
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.86	2.97	0.00	10.83
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	31.84	53.65	50.22	18.43	12.49	0.00	166.63
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	18.72	40.29	34.26	14.03	6.51	0.00	113.81
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	4.93	24.06	11.90	37.47	18.28	30.84	127.48
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	17.46	25.35	29.91	2.57	10.40	0.00	85.69
1988	Critical	0.00	0.00	0.00	0.00	4.06	6.07	5.93	12.26	25.50	0.66	0.00	5.43	59.91
1989	Dry	0.00	0.00	0.00	0.00	0.00	2.26	12.35	24.26	21.90	3.23	3.92	0.00	67.92
1990	Critical	0.00	0.00	0.00	0.00	0.00	4.32	9.06	12.63	26.72	0.84	0.00	7.44	61.01
1991	Critical	0.00	0.00	0.00	0.00	0.00	1.22	6.00	16.26	18.47	11.41	0.00	0.75	54.11
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	11.86	18.44	12.44	0.00	0.00	1.61	44.35
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	22.63	32.41	12.47	11.51	4.50	0.00	83.52
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	20.58	27.92	44.25	4.55	0.00	0.00	97.30
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	11.73	8.16	10.99	11.08	24.18	0.00	66.14
1996	Wet	1.91	0.00	0.00	0.00	0.00	0.00	27.57	23.00	33.90	22.86	4.25	0.00	113.49
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	37.07	55.49	40.00	47.43	2.61	0.00	182.60
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	11.10	25.38	13.26	23.33	30.72	0.00	103.79
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	27.49	47.10	33.43	15.37	6.32	0.00	129.71
2000	Above Normal	1.20	0.00	0.00	0.00	0.00	0.00	24.85	38.07	25.95	24.08	3.89	0.00	118.04
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	17.97	37.81	34.89	0.00	17.20	0.00	107.87
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	20.10	34.04	35.47	6.30	0.03	0.00	95.94
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	19.70	24.74	26.34	9.96	3.65	0.00	84.39
	Average	0.04	0.28	0.00	0.00	0.25	0.81	17.90	31.20	28.81	18.03	9.79	0.76	107.86
	Wet	0.07	0.58	0.00	0.00	0.00	0.00	20.27	34.59	25.99	29.08	16.52	1.34	128.45
	Above Normal	0.10	0.00	0.00	0.00	0.41	0.46	20.79	35.40	26.35	20.61	7.06	0.11	111.29
	Below Normal	0.00	0.00	0.00	0.00	0.83	0.00	17.51	32.17	31.68	11.52	8.61	0.00	102.33
	Dry	0.00	0.43	0.00	0.00	0.00	1.67	17.95	30.70	32.81	8.64	6.15	0.03	98.37
	Critical	0.00	0.00	0.00	0.00	0.34	2.56	10.22	19.29	28.02	13.18	4.79	2.12	80.51

Difference in Energy generated (GWh) at CVP San Luis: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.49)	12.36	(2.17)	2.45	0.18	0.00	1.03
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(4.03)	(2.39)	(1.50)	(3.09)	(2.23)	0.00	(1.10)
1924	Critical	0.00	0.00	0.00	0.00	0.00	(0.66)	(1.15)	(4.50)	(0.73)	(3.17)	(16.01)	0.00	(2.19)
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(5.62)	(17.58)	(4.84)	(4.09)	(7.02)	0.00	(3.26)
1926	Dry	0.00	0.00	0.00	0.00	0.00	(1.08)	(1.19)	(8.47)	1.50	(5.69)	(5.98)	0.00	(1.74)
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(3.71)	(10.52)	(2.01)	(1.29)	(1.17)	0.00	(1.56)
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(2.16)	(9.07)	2.94	(7.70)	(2.68)	0.00	(1.56)
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(1.18)	(2.72)	(6.52)	(1.63)	0.00	0.00	(1.00)
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.81)	(2.63)	(5.81)	1.99	4.05	0.13	(0.26)
1931	Critical	0.00	0.00	0.00	0.00	0.00	(0.08)	(0.57)	(1.46)	(4.45)	6.70	(2.59)	0.00	(0.20)
1932	Dry	0.00	0.00	0.00	0.00	0.00	(0.22)	(0.47)	(1.24)	(3.20)	(5.34)	(0.32)	0.00	(0.90)
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.16)	(0.18)	(0.07)	(0.16)	0.00	0.00	(0.05)
1934	Critical	0.00	0.00	0.00	0.00	0.00	(0.28)	(0.41)	(0.72)	(1.32)	(1.62)	(0.33)	0.00	(0.39)
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.02	(0.07)	0.66	(0.64)	(1.00)	0.00	(0.09)
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	3.43	16.29	(1.34)	(1.22)	(1.49)	0.00	1.31
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.64	5.97	21.13	(1.38)	(2.15)	0.00	2.10
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	4.52	19.01	(1.17)	(0.12)	(3.05)	0.00	1.60
1939	Dry	0.00	(6.70)	0.00	0.00	0.00	(0.37)	(2.18)	(4.71)	(6.10)	(2.49)	(1.79)	0.00	(2.03)
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.05	7.51	0.96	0.10	(1.35)	0.00	0.69
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.63)	0.53	(1.04)	(1.87)	(1.12)	0.00	(0.34)
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.38)	(0.83)	(0.41)	12.05	1.21	0.00	0.97
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	5.19	3.96	(8.67)	(3.93)	(3.40)	0.00	(0.57)
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.21)	(0.32)	(0.37)	0.35	0.41	0.00	(0.01)
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.86)	(1.36)	(1.93)	(1.39)	(1.00)	0.00	(0.55)
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.62)	(0.90)	(1.21)	(1.12)	(0.73)	0.00	(0.38)
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.05	0.11	0.17	0.19	0.13	0.06	0.00	0.06
1948	Below Normal	0.00	0.00	0.00	0.00	0.04	0.00	(0.01)	(0.08)	(0.12)	(0.11)	0.00	0.00	(0.02)
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.06	0.01	0.03	(0.05)	0.00	0.01
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.04)	(0.05)	(0.01)	(0.03)	0.00	(0.01)
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	8.57	5.06	(0.87)	(4.14)	(3.25)	0.00	0.45
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.62)	(0.53)	(0.77)	(0.87)	(0.83)	0.00	(0.30)
1954	Above Normal	(0.15)	0.00	0.00	0.00	0.00	0.00	0.32	0.74	0.46	0.34	0.03	0.00	0.15
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.12)	(0.15)	(0.07)	0.06	0.00	(0.03)
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.01)	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	9.29	2.55	(2.84)	(5.15)	(3.51)	0.00	0.03
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	3.54	(1.75)	(0.98)	(0.06)	0.00	0.00	0.06
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.22	0.16	0.07	0.17	0.00	0.06
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.09	0.13	0.07	0.11	0.00	0.04
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.23)	(0.36)	(0.42)	(0.33)	(0.21)	0.25	(0.11)
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.09	0.13	0.09	0.03	0.00	0.03
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.72)	(2.96)	(2.92)	(2.54)	0.00	0.00	(0.76)
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	4.43	(0.66)	(0.74)	(0.47)	(0.23)	0.00	0.19
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	8.76	3.79	(0.75)	2.61	(3.28)	0.00	0.93
1968	Below Normal	0.00	0.00	0.00	0.00	(0.07)	0.00	(0.40)	(1.12)	(1.19)	(0.56)	0.00	0.00	(0.28)
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.00	0.00	0.01	0.00	0.03
1970	Wet	0.00	0.06	0.00	0.00	0.00	0.00	0.01	0.08	0.15	(10.48)	0.01	0.00	(0.85)
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	(0.15)	(0.06)	(0.01)	0.00	0.00	(0.02)
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.02	0.01	0.00	0.01
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.26	(0.82)	(1.95)	(0.97)	(6.40)	0.43
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	5.24	(1.57)	(4.54)	9.84	(2.37)	0.00	0.55
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.46	1.06	0.70	0.70	0.13	0.00	0.25
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	(0.08)	(0.14)	(0.35)	0.00	0.05	(0.05)
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.02	0.01	(0.01)	(0.03)	(0.08)	0.00	(0.04)	(0.01)
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	3.14	(0.12)	(5.85)	3.02	(0.34)	0.00	(0.01)
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.12)	11.03	(3.08)	(2.44)	2.08	0.00	0.62
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.30)	(0.27)	0.54	5.72	(19.36)	(8.13)	(1.82)
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.28)	0.04	(0.87)	(0.89)	(0.31)	0.00	(0.19)
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.26	(0.53)	(1.99)	(1.77)	0.00	0.16
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.40	2.94	1.10	(1.03)	(0.22)	(0.39)	0.23
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.50)	(0.99)	(0.65)	0.13	(0.23)	0.00	(0.19)
1988	Critical	0.00	0.00	0.00	0.00	(0.07)	(0.06)	(0.07)	(0.07)	(0.11)	0.18	0.00	(0.08)	(0.02)
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.09	0.06	0.35	0.00	0.06
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.05)	(0.06)	(0.01)	0.00	(0.03)	(0.01)
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.03)	0.00	0.20	0.00	(0.01)	0.01
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	(0.09)	(0.15)	0.00	0.00	0.01	(0.02)
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.22)	(0.25)	(0.24)	(0.24)	(0.11)	0.00	(0.09)
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.06	0.07	0.04	0.00	0.00	0.02
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.56	8.16	(8.20)	(11.36)	(5.63)	0.00	(1.29)
1996	Wet	(0.70)	0.00	0.00	0.00	0.00	0.00	2.83	(0.76)	8.44	(3.78)	(3.88)	0.00	0.18
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	2.98	(0.70)	(1.55)	7.09	(7.26)	0.00	0.05
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.73	2.32	(2.28)	(2.32)	(0.44)	0.00	(0.08)
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.55	0.71	0.57	0.30	0.00	0.20
2000	Above Normal	(0.45)	0.00	0.00	0.00	0.00	0.00	(0.16)	(0.42)	(0.28)	(0.80)	(0.28)	0.00	(0.20)
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.18)	0.00	0.62	0.00	0.03
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	(0.12)	(0.09)	(0.03)	0.00	0.00	(0.02)
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	(0.08)	(0.07)	(0.05)	(0.03)	0.00	(0.02)
	Average	(0.02)	(0.08)	0.00	0.00	(0.00)	(0.03)	0.48	0.53	(0.69)	(0.56)	(1.22)	(0.18)	(0.15)
	Wet	(0.03)	0.00	0.00	0.00	0.00	0.00	1.76	1.46	(1.07)	(0.71)	(1.53)	(0.01)	(0.01)
	Above Normal	(0.05)	0.00	0.00	0.00	0.00	0.00	0.10	2.14	(0.38)	0.07	(2.08)	(1.21)	(0.12)
	Below Normal	0.00	0.00	0.00	0.00	(0.00)	0.00	0.50	1.78	0.69	(0.89)	(0.48)	0.00	0.13
	Dry	0.00	(0.37)	0.00	0.00	0.00	(0.09)	(0.61)	(1.97)	(1.11)	(0.87)	(0.55)	0.01	(0.46)
	Critical	0.00	0.00	0.00	0.00	(0.01)	(0.09)	(0.30)	(0.82)	(1.13)	0.01	(1.58)	(0.01)	(0.33)

Percent Difference in Energy generated (GWh) at CVP San Luis: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	-2%	39%	-7%	7%	1%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	-21%	-7%	-7%	-26%	-26%	0%
1924	Critical	0%	0%	0%	0%	0%	-8%	-12%	-21%	-2%	-14%	-78%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	-33%	-47%	-21%	-42%	-66%	0%
1926	Dry	0%	0%	0%	0%	0%	-8%	-11%	-31%	10%	-57%	-55%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	-13%	-23%	-7%	-9%	-15%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	-10%	-23%	12%	-38%	-57%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	-10%	-13%	-25%	-15%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	-7%	-9%	-18%	15%	27%	36%
1931	Critical	0%	0%	0%	0%	0%	-6%	-5%	-7%	-13%	29%	-14%	0%
1932	Dry	0%	0%	0%	0%	0%	-3%	-3%	-4%	-8%	-15%	-9%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	-2%	-1%	0%	-1%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	-5%	-3%	-3%	-3%	-7%	-2%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	5%	-4%	-4%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	32%	82%	-4%	-6%	-7%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	-	73%	71%	-5%	-8%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	655%	-	-6%	0%	-7%	0%
1939	Dry	0%	-46%	0%	0%	0%	-100%	-10%	-16%	-14%	-77%	-98%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	7%	31%	4%	1%	-40%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	-2%	1%	-3%	-5%	-5%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	-1%	-2%	-2%	41%	7%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	34%	11%	-23%	-10%	-17%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	-2%	-1%	-2%	9%	4%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	-3%	-3%	-4%	-8%	-8%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	-2%	-2%	-3%	-4%	-6%	0%
1947	Dry	0%	0%	0%	0%	0%	1%	1%	0%	0%	1%	1%	0%
1948	Below Normal	0%	0%	0%	0%	1%	0%	0%	0%	-1%	-4%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	50%	24%	-5%	-7%	-9%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	-3%	-2%	-2%	-9%	-34%	0%
1954	Above Normal	-79%	0%	0%	0%	0%	0%	2%	3%	2%	3%	38%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	87%	7%	-12%	-9%	-12%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	45%	-8%	-4%	-3%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	1%	1%	2%	65%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	-	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	-3%	-5%	7%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	3%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	-4%	-6%	-7%	-13%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	26%	-2%	-2%	-6%	-8%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	122%	14%	-5%	9%	-9%	0%
1968	Below Normal	0%	0%	0%	0%	-1%	0%	-2%	-4%	-4%	-12%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-33%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	45%	-2%	-10%	-12%	-100%
1974	Wet	0%	0%	0%	0%	0%	0%	18%	-3%	-12%	32%	-26%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	2%	3%	3%	4%	11%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	1%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1978	Above Normal	0%	0%	0%	0%	0%	0%	34%	0%	-25%	10%	-1%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	36%	-6%	-15%	29%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	1%	15%	-72%	-86%
1981	Dry	0%	0%	0%	0%	0%	0%	-2%	0%	-3%	-19%	-17%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	30%	-2%	-3%	-5%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	9%	14%	10%	-3%	-1%	-1%
1987	Dry	0%	0%	0%	0%	0%	0%	-3%	-4%	-2%	5%	-2%	0%
1988	Critical	0%	0%	0%	0%	-2%	-1%	-1%	-1%	0%	38%	0%	-1%
1989	Dry	0%	0%	0%	0%	0%	0%	1%	0%	0%	2%	10%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	-1%
1992	Critical	0%	0%	0%	0%	0%	0%	-1%	0%	-1%	0%	0%	1%
1993	Above Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	-2%	-2%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	15%	-	-43%	-51%	-19%	0%
1996	Wet	-27%	0%	0%	0%	0%	0%	11%	-3%	33%	-14%	-48%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	9%	-1%	-4%	18%	-74%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	18%	10%	-15%	-9%	-1%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	1%	1%	2%	4%	5%	0%
2000	Above Normal	-27%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-3%	-7%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	4%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
	Average	-2%	-1%	0%	0%	0%	-2%	13%	2%	-2%	-4%	-8%	-2%
	Wet	-1%	0%	0%	0%	0%	0%	39%	3%	-4%	-3%	-10%	0%
	Above Normal	-9%	0%	0%	0%	0%	0%	2%	8%	-2%	-1%	-13%	-16%
	Below Normal	0%	0%	0%	0%	0%	0%	5%	12%	3%	-7%	-3%	0%
	Dry	0%	-3%	0%	0%	0%	-6%	-4%	-6%	-3%	-10%	-7%	2%
	Critical	0%	0%	0%	0%	0%	-2%	-3%	-4%	-4%	2%	-8%	0%

Energy generated (GWh) at Folsom Dam: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	24.40	35.55	30.68	26.53	70.51	54.73	71.94	149.17	147.64	50.70	70.16	81.67	813.68
1923	Below Normal	28.56	40.60	92.27	72.12	63.62	29.42	49.95	80.17	51.35	89.89	31.37	66.10	695.42
1924	Critical	40.74	30.01	31.14	25.63	20.12	11.99	11.69	12.10	11.31	11.62	11.39	10.29	228.03
1925	Dry	11.85	11.01	11.67	11.90	85.32	34.87	78.26	79.83	67.75	87.99	52.64	26.51	559.60
1926	Dry	24.92	30.49	32.12	26.86	41.34	17.20	51.71	29.89	50.84	48.89	32.50	15.25	402.01
1927	Wet	22.19	23.01	25.36	57.15	117.83	75.03	124.16	83.77	94.65	84.63	31.42	81.72	820.92
1928	Above Normal	27.35	61.92	31.43	27.67	25.94	132.91	78.18	31.92	51.72	84.67	39.67	37.37	630.75
1929	Critical	22.62	23.36	25.00	20.66	15.88	18.40	18.28	22.54	26.59	27.11	26.15	21.54	268.13
1930	Dry	15.23	14.87	16.54	16.94	15.91	42.99	29.32	31.03	47.51	72.05	34.79	23.10	360.28
1931	Critical	22.93	24.39	25.44	21.06	16.00	14.76	14.65	15.25	15.33	19.18	16.82	23.99	229.80
1932	Dry	19.51	10.54	9.84	11.91	35.02	36.28	29.46	61.69	88.07	62.42	67.48	57.85	490.07
1933	Critical	31.41	39.22	31.24	25.88	19.54	21.99	23.36	23.46	49.21	56.66	38.85	20.82	381.64
1934	Critical	23.35	21.84	13.84	12.46	11.05	13.10	32.73	40.55	52.64	11.55	27.67	17.48	278.26
1935	Below Normal	10.68	9.70	9.77	10.99	10.52	26.65	91.87	74.21	77.45	89.68	31.22	59.93	502.67
1936	Below Normal	47.26	29.98	31.48	80.09	122.37	68.83	87.93	71.36	85.18	89.92	31.43	81.78	827.61
1937	Below Normal	24.74	30.13	31.44	25.99	45.22	70.63	70.75	70.32	39.96	89.53	43.01	45.00	586.72
1938	Wet	25.29	44.34	106.33	45.04	119.88	135.29	128.40	149.09	147.80	66.54	75.34	78.87	1,122.21
1939	Dry	24.87	35.74	31.88	26.58	20.14	13.34	25.68	23.98	27.59	44.46	19.11	12.60	305.97
1940	Above Normal	19.25	18.40	18.73	46.51	122.96	133.61	100.57	56.29	34.66	89.36	38.60	79.44	758.38
1941	Wet	26.71	48.24	30.73	84.36	114.12	79.36	60.56	88.72	59.08	45.49	73.49	81.33	792.19
1942	Wet	28.81	47.62	67.39	132.79	119.12	39.84	96.63	117.16	128.13	60.43	76.23	81.90	996.05
1943	Wet	28.00	76.15	51.57	131.65	103.12	131.94	84.65	45.48	54.29	89.80	31.36	81.65	909.66
1944	Dry	43.34	40.57	29.51	24.48	19.44	21.83	22.73	24.49	37.46	59.61	45.05	28.40	396.91
1945	Below Normal	22.37	23.47	25.74	26.16	109.58	33.17	36.42	61.67	48.73	89.65	32.60	80.71	590.27
1946	Below Normal	30.03	42.58	132.98	82.07	37.19	49.69	58.96	64.78	36.03	89.41	45.71	62.25	731.68
1947	Dry	30.06	29.88	32.03	26.99	20.82	36.57	23.70	25.03	49.39	51.76	36.62	25.24	388.09
1948	Below Normal	22.34	22.06	22.63	19.50	15.83	26.48	27.87	61.44	91.85	61.35	54.90	67.32	493.57
1949	Dry	25.26	38.20	32.32	27.06	20.60	43.34	54.85	45.38	32.55	88.46	57.95	29.37	495.34
1950	Below Normal	24.35	29.50	30.73	40.85	79.65	51.48	76.37	71.62	71.80	89.80	31.32	63.98	661.45
1951	Above Normal	44.23	120.88	110.10	108.02	101.77	58.09	53.94	65.59	31.88	88.97	33.34	71.35	888.16
1952	Wet	23.93	40.34	71.11	133.05	124.16	99.22	137.96	148.42	147.24	80.00	84.23	73.95	1,163.61
1953	Wet	25.88	60.67	31.86	107.69	33.90	28.75	42.28	51.23	110.89	72.72	69.61	69.33	704.81
1954	Above Normal	35.09	46.99	31.89	27.17	43.46	72.77	71.11	31.75	31.19	85.98	29.35	35.84	542.59
1955	Dry	24.15	29.24	31.04	26.46	35.57	27.73	27.43	29.54	29.45	45.23	49.10	26.12	381.06
1956	Wet	23.68	28.20	121.72	122.15	87.23	31.44	48.40	121.20	103.81	56.78	76.52	77.28	898.41
1957	Above Normal	25.73	57.54	30.94	25.88	24.49	73.55	29.05	51.07	51.58	89.42	45.85	51.25	556.35
1958	Wet	24.80	30.39	32.78	46.04	119.29	107.09	137.26	148.94	135.76	55.89	77.87	70.24	986.35
1959	Below Normal	25.27	55.94	30.98	26.22	25.55	16.86	17.04	18.01	24.73	79.70	18.10	15.70	354.10
1960	Dry	22.35	21.98	22.95	19.16	17.00	54.40	31.85	30.70	30.23	31.65	46.73	28.62	357.62
1961	Dry	24.13	29.26	30.76	25.49	19.37	17.26	17.34	18.51	18.49	48.27	17.15	15.53	281.56
1962	Below Normal	12.90	12.46	13.47	10.97	38.34	33.16	64.13	32.25	35.97	89.18	48.25	39.01	430.09
1963	Wet	70.36	69.12	54.48	64.41	115.06	27.85	108.30	125.02	57.13	81.19	31.38	81.55	885.85
1964	Dry	30.74	56.88	36.48	37.68	25.83	28.44	27.95	29.86	29.56	58.52	47.72	32.67	442.33
1965	Wet	22.65	24.36	112.59	114.89	70.84	27.35	91.22	65.00	64.20	90.00	37.60	81.91	802.61
1966	Below Normal	46.02	33.36	31.52	27.62	25.12	18.90	22.27	20.79	20.56	77.12	25.19	18.15	366.62
1967	Wet	23.42	27.03	47.78	107.92	64.44	95.56	64.78	147.44	147.24	73.40	76.93	76.97	952.91
1968	Below Normal	25.22	55.98	33.10	27.29	100.40	33.15	24.31	25.62	25.22	74.76	23.03	22.10	470.18
1969	Wet	22.47	24.16	26.41	125.58	117.29	56.14	105.52	149.25	116.69	73.89	61.91	73.18	952.49
1970	Wet	24.88	35.88	88.50	122.29	83.67	39.42	28.64	30.90	30.72	85.75	30.43	75.65	676.73
1971	Wet	22.30	24.48	70.48	76.05	50.13	65.23	40.79	64.02	88.64	69.27	56.74	71.52	699.65
1972	Below Normal	25.10	53.10	32.23	31.88	46.49	67.85	29.20	31.38	37.44	80.95	34.91	24.34	494.87
1973	Above Normal	24.24	29.94	55.85	132.49	101.02	56.63	38.29	76.58	54.54	80.93	30.39	55.55	736.45
1974	Wet	24.79	109.42	115.35	128.80	61.06	131.72	106.02	85.02	74.60	60.58	77.29	71.55	1,046.20
1975	Wet	25.30	57.28	31.28	26.47	36.12	74.72	34.88	92.33	111.14	54.94	72.01	70.84	687.31
1976	Critical	25.40	72.38	31.64	26.36	20.58	13.05	12.89	13.55	14.08	17.59	14.03	13.32	274.87
1977	Critical	12.03	11.48	11.51	10.68	9.89	4.87	4.86	4.35	4.96	5.08	16.77	4.13	100.61
1978	Above Normal	5.45	6.15	6.41	36.40	69.86	91.42	68.54	75.53	79.55	88.59	31.36	65.67	624.93
1979	Below Normal	28.01	40.06	31.59	26.73	47.27	55.84	30.38	76.36	47.57	79.48	30.43	46.13	539.85
1980	Above Normal	24.93	38.10	36.40	124.91	112.71	58.16	48.43	52.86	57.58	54.45	88.85	66.85	764.23
1981	Dry	35.23	43.07	30.57	26.23	23.93	14.81	15.63	16.63	18.53	48.95	24.66	15.61	313.85
1982	Wet	22.80	78.71	122.56	116.16	103.07	115.85	133.61	149.18	107.89	57.89	76.30	76.71	1,160.73
1983	Wet	35.21	126.45	132.72	119.68	117.24	131.02	109.31	148.76	145.94	108.44	88.53	84.34	1,347.64
1984	Wet	28.36	126.70	115.25	90.96	74.35	47.78	34.04	47.86	42.44	89.61	31.17	81.07	809.59
1985	Dry	30.33	50.97	40.85	28.18	25.77	25.01	30.79	27.66	51.95	52.61	40.14	22.71	426.97
1986	Wet	22.85	31.60	26.26	48.47	104.99	125.92	46.25	48.80	65.68	87.96	53.72	63.17	725.67
1987	Dry	23.67	28.47	29.55	24.38	18.64	12.09	12.66	19.39	23.34	46.96	11.27	10.72	261.14
1988	Critical	10.96	11.61	11.46	11.51	18.86	13.70	12.08	12.97	19.06	17.76	12.30	11.57	163.84
1989	Dry	12.89	12.67	13.40	13.75	11.41	133.15	65.74	61.53	77.02	56.98	38.17	30.53	527.24
1990	Critical	22.56	24.35	25.64	21.36	16.40	19.13	19.47	20.28	26.27	28.79	24.27	19.40	267.92
1991	Critical	20.59	18.67	18.89	15.16	10.80	12.88	14.85	16.63	28.25	56.23	64.05	20.40	297.40
1992	Critical	10.74	10.42	10.66	10.61	10.39	4.37	22.19	25.89	28.14	66.93	4.12	4.14	208.60
1993	Above Normal	6.89	5.54	9.80	16.71	87.35	116.92	68.72	94.53	94.02	68.67	47.21	66.71	683.07
1994	Critical	25.29	57.06	31.24	25.88	19.39	20.85	20.53	21.57	23.17	28.89	22.18	20.23	316.28
1995	Wet	16.11	15.84	17.23	123.74	74.91	128.87	114.51	148.40	147.28	89.57	80.89	74.19	1,031.54
1996	Wet	45.61	41.20	38.49	88.22	118.65	101.69	77.95	143.71	58.92	66.54	51.36	77.46	909.80
1997	Wet	41.28	57.52	125.53	109.37	82.90	26.87	28.49	31.34	31.07	86.53	29.75	76.41	727.06
1998	Wet	33.46	22.54	25.11	68.06	117.37	99.41	86.96	110.20	147.00	76.90	79.05	75.84	941.90
1999	Wet	25.41	64.40	47.87	91.75	117.18	66.41	40.97	88.07	86.43	72.98	46.37	80.16	828.00
2000	Above Normal	28.64	49.15	30.78	38.94	121.99	66.01	40.60	39.41	35.67	87.90	32.06	41.86	613.01
2001	Dry	26.01	36.87	30.91	25.66	19.33	15.48	15.84	17.14	17.01	49.66	19.67	15.18	288.76
2002	Dry	17.20	11.81	20.45	56.18	50.91	53.04	34.76	31.75	31.61	87.78	42.13	25.26	462.88
2003	Above Normal	37.22	29.28	35.81	58.14	38.50	28.19	35.59	90.71	50.57	89.30	32.03	62.32	587.66
	Average	25.89	38.92	42.27	52.97	58.91	53.80	52.54	61.44	60.32	66.55	43.16	49.09	605.87
	Wet	28.33	51.37	66.80	95.49	94.15	80.38	81.25	101.13	96.33	74.53	60.67	76.49	906.92
	Above Normal	25.29	41.62	35.74	55.78	76.71	78.58	58.75	67.95	60.05	79.91	43.24	59.66	683.27
	Below Normal	26.63	34.21	39.28	36.32	54.80	41.58	49.10	54.28	49.56	83.60	34.39	49.46	553.22
	Dry	24.54	29.58	26.83	25.33	28.13	34.88	33.09	33.56	40.46	57.90	37.94	24.52	396.76
	Critical	22.39	28.73	22.31	18.94	15.74	14.09	17.30	19.10	24.92	28.95	23.22	15.61	251.28

Energy generated (GWh) at Folsom Dam: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	24.40	35.55	30.68	26.53	70.51	54.73	71.94	149.17	147.64	50.70	70.16	81.67	813.68
1923	Below Normal	29.34	43.03	88.72	72.12	64.15	29.39	49.40	80.21	51.41	89.89	36.23	61.29	695.18
1924	Critical	52.32	29.39	30.42	24.94	19.54	11.65	11.34	11.74	8.56	8.87	8.23	8.34	225.34
1925	Dry	11.84	11.01	11.67	11.90	85.12	34.87	78.26	79.82	62.05	88.51	53.49	25.23	553.77
1926	Dry	25.14	34.65	32.23	26.96	43.46	17.24	51.62	21.62	56.43	48.62	31.23	22.85	412.05
1927	Wet	21.88	21.83	23.78	56.01	117.84	75.03	124.16	83.77	94.65	84.61	31.77	81.69	817.02
1928	Above Normal	27.75	61.24	31.43	27.67	25.94	132.91	78.16	31.92	51.82	84.66	39.23	37.20	629.93
1929	Critical	22.64	23.43	24.98	20.68	16.18	18.11	18.29	22.50	26.61	27.14	26.17	21.56	268.29
1930	Dry	15.57	14.80	16.67	17.08	16.04	42.61	29.32	31.03	47.50	71.85	33.54	23.18	359.19
1931	Critical	23.01	24.48	25.54	21.16	16.10	14.78	14.68	15.29	15.42	20.19	16.12	24.10	230.87
1932	Dry	19.64	10.59	9.89	11.95	36.40	36.28	29.46	61.70	88.07	62.45	59.17	74.13	499.73
1933	Critical	47.56	47.13	28.94	23.23	17.80	19.86	21.56	21.95	49.85	54.39	23.54	19.54	375.35
1934	Critical	15.13	20.56	9.82	11.67	10.75	12.81	32.11	39.66	50.99	11.05	26.15	8.15	248.85
1935	Below Normal	10.68	9.70	9.77	10.99	10.52	26.65	91.89	74.21	77.45	89.68	31.22	59.93	502.69
1936	Below Normal	47.08	29.99	31.49	80.28	122.37	68.83	87.93	71.36	85.18	89.92	31.43	81.78	827.64
1937	Below Normal	24.74	30.13	31.44	25.99	45.22	70.63	70.75	70.32	39.96	89.53	42.96	45.05	586.72
1938	Wet	25.29	44.34	106.33	45.04	119.88	135.29	128.40	149.09	147.80	62.48	76.53	81.44	1,121.91
1939	Dry	24.89	38.53	31.75	26.47	20.04	13.33	25.78	24.48	27.11	43.68	17.52	12.62	306.20
1940	Above Normal	19.07	18.24	18.57	46.59	122.96	133.61	100.57	56.29	34.66	89.36	43.82	78.83	762.57
1941	Wet	26.56	45.63	30.57	81.58	114.12	79.36	60.56	88.72	59.08	45.49	73.49	81.33	786.49
1942	Wet	28.69	47.73	67.40	132.79	119.12	39.84	96.63	117.16	128.13	60.43	76.23	81.90	996.05
1943	Wet	28.00	76.11	51.62	131.65	103.12	131.94	84.65	45.48	54.29	89.66	31.36	81.66	909.54
1944	Dry	42.01	43.73	29.39	24.36	19.35	21.75	22.66	24.42	37.40	58.88	44.51	28.24	396.70
1945	Below Normal	22.33	23.29	25.50	25.93	109.63	33.17	36.45	61.70	48.77	89.65	41.06	70.18	587.66
1946	Below Normal	29.47	44.40	133.09	82.08	37.20	49.69	58.96	64.78	36.03	89.41	45.77	63.21	734.09
1947	Dry	28.84	29.89	32.04	27.00	20.82	36.74	23.70	25.03	49.18	51.81	36.67	25.36	387.08
1948	Below Normal	22.34	22.06	22.62	19.50	15.83	26.48	27.87	61.44	91.85	61.39	54.86	67.32	493.56
1949	Dry	25.26	38.20	32.32	27.06	20.60	43.34	54.85	45.38	32.55	88.46	57.36	29.39	494.77
1950	Below Normal	24.37	29.54	30.76	41.45	79.65	51.48	76.37	71.62	71.80	89.80	31.32	63.98	662.14
1951	Above Normal	44.23	120.88	110.10	108.02	101.77	58.09	53.94	65.59	31.88	88.97	33.34	71.35	888.16
1952	Wet	23.93	40.33	71.11	133.05	124.16	99.22	137.96	148.42	147.24	80.00	84.23	73.95	1,163.60
1953	Wet	26.81	64.18	31.60	102.72	33.90	28.75	42.29	51.23	110.89	72.72	69.61	69.33	704.03
1954	Above Normal	35.09	46.57	31.91	27.19	43.91	72.77	71.11	31.75	31.19	85.98	29.35	35.85	542.67
1955	Dry	24.15	29.24	31.04	26.46	35.59	27.73	27.43	29.54	29.45	45.24	49.05	25.89	380.81
1956	Wet	23.69	28.28	121.75	122.15	87.23	31.44	48.40	121.20	103.81	56.78	76.52	77.27	898.52
1957	Above Normal	25.73	57.55	30.94	25.88	24.49	73.55	29.05	51.07	51.58	89.42	45.85	51.25	556.36
1958	Wet	24.80	30.39	32.78	46.04	119.29	107.09	137.26	148.94	135.76	55.89	77.87	70.24	986.35
1959	Below Normal	25.27	56.21	30.97	26.20	25.26	16.85	17.03	18.01	24.75	79.87	18.00	15.69	354.11
1960	Dry	22.35	21.95	22.91	19.13	16.98	54.42	31.86	30.70	30.23	31.67	46.72	28.63	357.55
1961	Dry	24.13	29.25	30.76	25.48	19.37	17.26	17.34	18.51	18.49	48.26	17.15	15.51	281.51
1962	Below Normal	12.92	12.45	13.47	10.97	38.31	33.16	64.13	32.26	35.97	89.18	48.25	39.01	430.08
1963	Wet	70.36	69.12	54.48	64.41	115.06	27.85	108.30	125.02	57.13	81.19	31.38	81.55	885.85
1964	Dry	30.67	56.95	36.43	37.73	25.83	28.44	27.95	29.86	29.56	58.52	47.72	32.67	442.33
1965	Wet	22.65	24.36	112.59	114.89	70.84	27.35	91.22	65.00	64.20	90.00	37.60	81.91	802.61
1966	Below Normal	45.79	32.88	31.56	27.66	25.15	18.91	23.11	20.78	20.56	77.54	25.02	18.14	367.10
1967	Wet	23.41	26.96	47.60	107.92	64.44	95.56	64.78	147.44	147.24	73.40	76.93	77.43	953.11
1968	Below Normal	25.20	59.50	31.85	27.14	97.11	33.15	24.31	25.63	25.22	75.41	23.00	22.06	469.58
1969	Wet	22.43	23.95	26.13	125.56	117.29	56.14	105.52	149.25	116.69	74.00	62.18	72.79	951.93
1970	Wet	24.88	35.70	88.69	122.29	83.67	39.42	28.64	30.90	30.72	85.75	30.43	75.65	676.74
1971	Wet	22.30	24.48	70.48	76.05	50.13	65.23	40.79	64.02	88.64	69.27	56.74	71.52	699.65
1972	Below Normal	25.10	53.10	32.23	31.88	46.49	67.85	29.20	31.38	37.44	80.96	34.91	24.34	494.88
1973	Above Normal	24.24	29.94	55.84	132.49	101.02	56.63	38.29	76.58	54.54	80.93	30.39	59.31	740.20
1974	Wet	24.65	105.36	115.35	128.80	61.06	131.72	106.02	85.02	74.60	60.58	77.29	71.55	1,042.00
1975	Wet	25.30	56.89	31.30	26.49	36.54	74.72	34.88	92.33	111.14	54.95	72.00	70.85	687.39
1976	Critical	25.40	72.46	31.63	26.35	20.58	13.05	12.90	13.55	14.06	17.62	14.03	13.32	274.95
1977	Critical	12.02	11.48	11.51	10.67	9.89	4.87	4.86	4.35	4.96	5.08	16.69	4.13	100.51
1978	Above Normal	5.45	6.15	6.41	36.40	69.86	91.43	68.54	75.53	79.55	88.60	31.36	65.67	624.95
1979	Below Normal	28.03	41.87	31.48	26.63	45.30	55.84	30.40	76.39	47.65	80.11	30.40	47.16	541.26
1980	Above Normal	24.87	36.41	36.41	124.91	112.71	58.16	48.43	52.86	57.58	76.41	86.79	56.96	772.50
1981	Dry	27.19	36.11	30.76	26.41	24.08	14.83	15.64	16.63	18.73	49.32	25.91	15.11	300.72
1982	Wet	22.92	81.14	122.56	116.16	103.07	115.85	133.61	149.18	107.89	57.89	76.30	76.71	1,163.28
1983	Wet	35.21	126.45	132.72	119.68	117.24	131.02	109.31	148.76	145.94	108.44	88.53	84.34	1,347.64
1984	Wet	28.36	126.70	115.25	90.96	74.35	47.78	34.04	47.86	42.44	89.61	31.17	81.07	809.59
1985	Dry	30.34	50.96	40.85	28.18	25.77	25.01	30.79	27.66	51.95	52.61	40.14	22.71	426.97
1986	Wet	22.85	31.60	26.26	48.47	104.99	125.92	46.25	48.80	65.68	87.96	52.22	64.43	725.43
1987	Dry	23.69	28.56	29.65	24.46	18.70	12.09	12.66	19.52	23.27	46.26	11.30	10.75	260.91
1988	Critical	10.99	11.64	11.49	11.52	19.71	13.73	12.08	12.96	19.05	17.69	12.30	11.57	164.73
1989	Dry	12.85	12.64	13.37	13.72	11.41	133.15	65.74	61.59	77.01	57.02	38.15	30.55	527.20
1990	Critical	22.56	24.34	25.63	21.36	16.40	19.13	19.47	20.28	26.25	28.77	24.25	19.40	267.84
1991	Critical	20.56	18.64	18.87	15.14	10.78	12.86	14.83	16.61	28.26	56.26	64.64	20.37	297.82
1992	Critical	10.72	10.40	10.64	10.59	10.37	4.36	22.16	25.71	27.97	66.88	4.11	4.14	208.05
1993	Above Normal	6.89	5.54	9.80	16.71	87.35	116.92	68.72	94.53	94.02	68.65	47.22	66.71	683.06
1994	Critical	25.29	57.01	31.24	25.88	19.40	20.86	20.53	21.57	23.17	28.91	22.21	20.23	316.30
1995	Wet	16.11	15.84	17.24	123.74	74.91	128.87	114.51	148.40	147.28	89.57	80.89	74.19	1,031.55
1996	Wet	45.61	45.06	34.37	88.22	118.65	101.69	77.95	143.71	58.92	66.55	51.35	77.46	909.54
1997	Wet	40.68	57.54	125.61	109.37	82.90	26.87	28.49	31.34	31.07	86.53	29.75	76.41	726.56
1998	Wet	33.46	22.54	25.11	68.06	117.37	99.41	86.96	110.20	147.00	76.90	79.05	75.84	941.90
1999	Wet	25.41	64.40	47.87	91.75	117.18	66.41	40.97	88.07	86.43	72.99	46.36	80.17	828.01
2000	Above Normal	28.94	48.97	30.77	38.80	121.99	66.01	40.60	39.41	35.66	87.91	32.08	41.86	613.00
2001	Dry	26.00	36.87	30.91	25.66	19.33	15.48	15.84	17.14	17.01	49.37	19.78	15.18	288.57
2002	Dry	17.38	11.82	20.47	56.18	50.91	53.04	34.76	31.75	31.61	87.78	42.13	26.98	464.81
2003	Above Normal	35.83	29.26	35.42	58.14	38.50	28.19	35.59	90.71	50.57	89.30	32.02	62.32	585.85
	Average	25.99	39.12	42.04	52.82	58.89	53.76	52.51	61.31	60.27	66.71	42.97	49.03	605.44
	Wet	28.32	51.42	66.56	95.15	94.17	80.38	81.25	101.13	96.33	74.37	60.68	76.64	906.40
	Above Normal	25.21	41.36	35.69	55.78	76.75	78.58	58.75	67.95	60.06	81.74	43.47	59.08	684.41
	Below Normal	26.62	34.87	38.93	36.34	54.44	41.58	49.13	54.29	49.57	83.74	35.32	48.51	553.34
	Dry	24.00	29.76	26.84	25.34	28.32	34.87	33.09	33.13	40.42	57.80	37.31	25.83	396.72
	Critical	24.02	29.25	21.73	18.60	15.63	13.84	17.07	18.85	24.60	28.57	21.54	14.57	248.24

Difference in Energy generated (GWh) at Folsom Dam: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.78	2.43	(3.55)	0.00	0.53	(0.03)	(0.55)	0.04	0.06	0.00	4.86	(4.81)	(0.02)
1924	Critical	11.58	(0.62)	(0.72)	(0.69)	(0.58)	(0.34)	(0.35)	(0.36)	(2.75)	(2.75)	(3.16)	(1.95)	(0.22)
1925	Dry	(0.01)	0.00	0.00	0.00	(0.20)	0.00	0.00	(0.01)	(5.70)	0.52	0.85	(1.28)	(0.49)
1926	Dry	0.22	4.16	0.11	0.10	2.12	0.04	(0.09)	(8.27)	5.59	(0.27)	(1.27)	7.60	0.84
1927	Wet	(0.31)	(1.18)	(1.58)	(1.14)	0.01	0.00	0.00	0.00	0.00	(0.02)	0.35	(0.03)	(0.33)
1928	Above Normal	0.40	(0.68)	0.00	0.00	0.00	0.00	(0.02)	0.00	0.10	(0.01)	(0.44)	(0.17)	(0.07)
1929	Critical	0.02	0.07	(0.02)	0.02	0.30	(0.29)	0.01	(0.04)	0.02	0.03	0.02	0.02	0.01
1930	Dry	0.34	(0.07)	0.13	0.14	0.13	(0.38)	0.00	0.00	(0.01)	(0.20)	(1.25)	0.08	(0.09)
1931	Critical	0.08	0.09	0.10	0.10	0.10	0.02	0.03	0.04	0.09	1.01	(0.70)	0.11	0.09
1932	Dry	0.13	0.05	0.05	0.04	1.38	0.00	0.00	0.01	0.00	0.03	(8.31)	16.28	0.80
1933	Critical	16.15	7.91	(2.30)	(2.65)	(1.74)	(2.13)	(1.80)	(1.51)	0.64	(2.27)	(15.31)	(1.28)	(0.52)
1934	Critical	(8.22)	(1.28)	(4.02)	(0.79)	(0.30)	(0.29)	(0.62)	(0.89)	(1.65)	(0.50)	(1.52)	(9.33)	(2.45)
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	(0.18)	0.01	0.01	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	0.05	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(4.06)	1.19	2.57	(0.03)
1939	Dry	0.02	2.79	(0.13)	(0.11)	(0.10)	(0.01)	0.10	0.50	(0.48)	(0.78)	(1.59)	0.02	0.02
1940	Above Normal	(0.18)	(0.16)	(0.16)	0.08	0.00	0.00	0.00	0.00	0.00	0.00	5.22	(0.61)	0.35
1941	Wet	(0.15)	(2.61)	(0.16)	(2.78)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.48)
1942	Wet	(0.12)	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	(0.04)	0.05	0.00	0.00	0.00	0.00	0.00	0.00	(0.14)	0.00	0.01	(0.01)
1944	Dry	(1.33)	3.16	(0.12)	(0.12)	(0.09)	(0.08)	(0.07)	(0.07)	(0.06)	(0.73)	(0.54)	(0.16)	(0.02)
1945	Below Normal	(0.04)	(0.18)	(0.24)	(0.23)	0.05	0.00	0.03	0.03	0.04	0.00	8.46	(10.53)	(0.22)
1946	Below Normal	(0.56)	1.82	0.11	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.06	0.96	0.20
1947	Dry	(1.22)	0.01	0.01	0.01	0.00	0.17	0.00	0.00	(0.21)	0.05	0.05	0.12	(0.08)
1948	Below Normal	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.04	(0.04)	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.59)	0.02	(0.05)
1950	Below Normal	0.02	0.04	0.03	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.93	3.51	(0.26)	(4.97)	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.06)
1954	Above Normal	0.00	(0.42)	0.02	0.02	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
1955	Dry	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.01	(0.05)	(0.23)	(0.02)
1956	Wet	0.01	0.08	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.01
1957	Above Normal	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.27	(0.01)	(0.02)	(0.29)	(0.01)	(0.01)	0.00	0.02	0.17	(0.10)	(0.01)	0.00
1960	Dry	0.00	(0.03)	(0.04)	(0.03)	(0.02)	0.02	0.01	0.00	0.00	0.02	(0.01)	0.01	(0.01)
1961	Dry	0.00	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.02)	0.00
1962	Below Normal	0.02	(0.01)	0.00	0.00	(0.03)	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	(0.07)	0.07	(0.05)	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	(0.23)	(0.48)	0.04	0.04	0.03	0.01	0.84	(0.01)	0.00	0.42	(0.17)	(0.01)	0.04
1967	Wet	(0.01)	(0.07)	(0.18)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.02
1968	Below Normal	(0.02)	3.52	(1.25)	(0.15)	(3.29)	0.00	0.00	0.01	0.00	0.65	(0.03)	(0.04)	(0.05)
1969	Wet	(0.04)	(0.21)	(0.28)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.11	0.27	(0.39)	(0.05)
1970	Wet	0.00	(0.18)	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.76	0.31
1974	Wet	(0.14)	(4.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.35)
1975	Wet	0.00	(0.39)	0.02	0.02	0.42	0.00	0.00	0.00	0.00	0.01	(0.01)	0.01	0.01
1976	Critical	0.00	0.08	(0.01)	(0.01)	0.00	0.00	0.01	0.00	(0.02)	0.03	0.00	0.00	0.01
1977	Critical	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)	0.00	(0.01)
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1979	Below Normal	0.02	1.81	(0.11)	(0.10)	(1.97)	0.00	0.02	0.03	0.08	0.63	(0.03)	1.03	0.12
1980	Above Normal	(0.06)	(1.69)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	21.96	(2.06)	(9.89)	0.69
1981	Dry	(8.04)	(6.96)	0.19	0.18	0.15	0.02	0.01	0.00	0.20	0.37	1.25	(0.50)	(1.09)
1982	Wet	0.12	2.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.01	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.50)	1.26	(0.02)
1987	Dry	0.02	0.09	0.10	0.08	0.06	0.00	0.00	0.13	(0.07)	(0.70)	0.03	0.03	(0.02)
1988	Critical	0.03	0.03	0.03	0.01	0.85	0.03	0.00	(0.01)	(0.01)	(0.07)	0.00	0.00	0.07
1989	Dry	(0.04)	(0.03)	(0.03)	(0.03)	0.00	0.00	0.00	0.06	(0.01)	0.04	(0.02)	0.02	0.00
1990	Critical	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.02)	(0.02)	0.00	(0.01)
1991	Critical	(0.03)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	0.01	0.03	0.59	(0.03)	0.04
1992	Critical	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.03)	(0.18)	(0.17)	(0.05)	(0.01)	0.00	(0.05)
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.01	0.00	0.00
1994	Critical	0.00	(0.05)	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.02	0.03	0.00	0.00
1995	Wet	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	3.86	(4.12)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	0.00	(0.02)
1997	Wet	(0.60)	0.02	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	0.01	0.00
2000	Above Normal	0.30	(0.18)	(0.01)	(0.14)	0.00	0.00	0.00	0.00	(0.01)	0.01	0.02	0.00	0.00
2001	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.29)	0.11	0.00	(0.02)
2002	Dry	0.18	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72	0.16
2003	Above Normal	(1.39)	(0.02)	(0.39)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.15)
	Average	0.10	0.20	(0.23)	(0.15)	(0.02)	(0.04)	(0.03)	(0.13)	(0.05)	0.16	(0.19)	(0.06)	(0.04)
	Wet	(0.01)	0.05	(0.24)	(0.34)	0.02	0.00	0.00	0.00	0.00	(0.16)	0.01	0.15	(0.04)
	Above Normal	(0.08)	(0.26)	(0.05)	(0.00)	0.04	0.00	(0.00)	0.00	0.01	1.83	0.23	(0.57)	0.10
	Below Normal	(0.01)	0.66	(0.36)	0.02	(0.35)	(0.00)	0.02	0.01	0.01	0.14	0.93	(0.95)	0.01
	Dry	(0.54)	0.18	0.01	0.02	0.19	(0.01)	(0.00)	(0.43)	(0.04)	(0.11)	(0.63)	1.32	(0.00)
	Critical	1.63	0.51	(0.58)	(0.34)	(0.12)	(0.25)	(0.23)	(0.25)	(0.32)	(0.38)	(1.68)	(1.04)	(0.25)

Percent Difference in Energy generated (GWh) at Folsom Dam: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	3%	6%	-4%	0%	1%	0%	-1%	0%	0%	0%	15%	-7%
1924	Critical	28%	-2%	-2%	-3%	-3%	-3%	-3%	-3%	-24%	-24%	-28%	-19%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-8%	1%	2%	-5%
1926	Dry	1%	14%	0%	0%	5%	0%	0%	-28%	11%	-1%	-4%	50%
1927	Wet	-1%	-5%	-6%	-2%	0%	0%	0%	0%	0%	0%	1%	0%
1928	Above Normal	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1929	Critical	0%	0%	0%	0%	2%	-2%	0%	0%	0%	0%	0%	0%
1930	Dry	2%	0%	1%	1%	1%	-1%	0%	0%	0%	0%	-4%	0%
1931	Critical	0%	0%	0%	0%	1%	0%	0%	0%	1%	5%	-4%	0%
1932	Dry	1%	0%	1%	0%	4%	0%	0%	0%	0%	0%	-12%	28%
1933	Critical	51%	20%	-7%	-10%	-9%	-10%	-8%	-6%	1%	-4%	-39%	-6%
1934	Critical	-35%	-6%	-29%	-6%	-3%	-2%	-2%	-2%	-3%	-4%	-5%	-53%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-6%	2%	3%
1939	Dry	0%	8%	0%	0%	0%	0%	0%	2%	-2%	-2%	-8%	0%
1940	Above Normal	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	14%	-1%
1941	Wet	-1%	-5%	-1%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	-3%	8%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%
1945	Below Normal	0%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	26%	-13%
1946	Below Normal	-2%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1947	Dry	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1950	Below Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	4%	6%	-1%	-5%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	-1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	-1%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	0%	4%	0%	0%	1%	-1%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1968	Below Normal	0%	6%	-4%	-1%	-3%	0%	0%	0%	0%	1%	0%	0%
1969	Wet	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1970	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%
1974	Wet	-1%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	5%	0%	0%	-4%	0%	0%	0%	0%	1%	0%	2%
1980	Above Normal	0%	-4%	0%	0%	0%	0%	0%	0%	0%	40%	-2%	-15%
1981	Dry	-23%	-16%	1%	1%	1%	0%	0%	0%	1%	1%	5%	-3%
1982	Wet	1%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	2%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	1%	0%	-1%	0%	0%
1988	Critical	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	9%	-11%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%	0%
2002	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%
2003	Above Normal	-4%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
	Wet	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	3%	1%	-1%
	Below Normal	0%	1%	-1%	0%	-1%	0%	0%	0%	0%	0%	3%	-1%
	Dry	-1%	1%	0%	0%	1%	0%	0%	-1%	0%	0%	-1%	4%
	Critical	4%	1%	-3%	-2%	-1%	-1%	-1%	-1%	-2%	-2%	-6%	-7%

Energy generated (GWh) at Judge Francis Carr: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	111.95	30.01	8.48	8.48	7.66	3.39	8.21	0.00	4.71	50.89	50.89	65.66	350.33
1923	Below Normal	25.44	16.42	8.48	3.39	3.06	6.42	8.21	8.48	41.04	67.85	76.33	49.25	314.37
1924	Critical	25.44	3.28	4.96	91.50	3.17	10.91	32.65	6.13	8.21	50.89	50.89	8.21	296.24
1925	Dry	0.00	0.00	0.00	82.42	0.00	0.82	3.28	0.00	24.62	59.37	33.93	32.83	237.27
1926	Dry	8.48	3.28	3.39	3.39	3.06	0.00	3.28	8.48	24.62	33.93	42.41	40.61	174.93
1927	Wet	8.48	3.28	3.39	8.48	0.00	3.39	0.00	0.00	1.13	50.89	50.89	65.66	195.59
1928	Above Normal	42.41	16.42	8.48	8.48	3.17	0.00	0.00	0.00	3.48	22.06	67.85	65.66	238.01
1929	Critical	25.44	16.42	8.48	111.80	3.06	8.48	13.97	8.48	32.83	84.81	50.89	32.83	397.49
1930	Dry	8.48	3.28	3.39	3.39	3.06	3.39	4.38	8.48	32.83	42.41	69.42	32.83	215.34
1931	Critical	8.48	3.28	3.43	3.39	3.06	6.42	13.56	4.19	8.21	50.89	102.89	8.21	216.01
1932	Dry	42.90	12.72	0.00	0.00	0.00	0.00	0.00	0.00	8.21	37.23	39.80	8.21	149.07
1933	Critical	9.81	5.08	1.16	0.50	0.09	0.00	2.60	0.00	8.21	50.89	8.48	8.21	95.03
1934	Critical	35.30	0.00	0.00	0.00	0.00	0.00	13.38	16.29	8.21	52.80	96.13	60.97	283.08
1935	Below Normal	54.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.21	50.89	8.48	8.21	130.72
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	3.39	3.28	0.00	4.62	33.93	42.41	32.83	120.46
1937	Below Normal	8.48	0.00	0.00	0.00	0.00	0.00	0.00	3.39	8.21	59.37	33.93	32.83	146.21
1938	Wet	8.48	3.28	0.00	0.86	0.00	0.00	0.00	0.00	0.00	2.23	50.89	51.35	117.09
1939	Dry	66.17	8.33	17.43	3.39	3.06	0.00	11.98	46.30	95.10	111.54	111.54	92.48	567.32
1940	Above Normal	44.34	31.14	3.39	3.39	0.00	0.00	8.21	0.00	24.62	67.85	67.85	49.25	300.04
1941	Wet	25.44	16.42	0.00	0.00	0.00	0.00	0.00	68.25	15.22	111.54	66.12	89.13	392.12
1942	Wet	63.43	16.42	69.52	0.00	0.00	3.39	10.81	0.00	0.00	60.04	54.74	83.74	362.09
1943	Wet	60.13	16.42	33.26	26.51	12.61	39.56	9.22	0.00	8.03	50.89	50.89	65.66	373.18
1944	Dry	42.41	16.42	8.48	8.48	7.93	39.80	14.06	8.48	58.74	111.54	82.11	49.25	447.70
1945	Below Normal	8.48	3.28	3.39	3.39	3.06	3.39	8.12	0.00	24.62	50.89	59.37	24.62	192.61
1946	Below Normal	8.48	3.28	0.00	0.00	3.06	3.39	6.19	0.00	24.62	50.89	67.85	49.25	217.01
1947	Dry	25.44	16.42	8.48	4.64	3.06	3.39	11.49	8.48	24.62	59.37	76.33	32.83	274.55
1948	Below Normal	8.48	3.28	4.11	3.39	7.93	8.48	8.21	0.00	0.00	0.98	50.89	1.38	97.13
1949	Dry	0.00	0.00	3.48	4.17	3.06	0.00	3.28	0.00	24.62	50.89	67.85	65.66	223.01
1950	Below Normal	25.44	16.42	8.48	8.48	3.06	3.39	8.21	8.48	24.62	67.85	59.37	49.25	283.05
1951	Above Normal	17.25	0.00	0.00	0.00	0.00	6.98	44.71	0.00	1.88	50.89	67.85	65.66	255.22
1952	Wet	42.41	16.42	0.00	0.00	0.00	5.45	80.75	0.00	3.50	96.55	56.86	84.23	386.17
1953	Wet	60.06	0.00	19.96	0.00	13.35	15.30	16.02	0.00	0.00	51.79	59.42	88.24	324.14
1954	Above Normal	61.83	45.62	29.76	19.21	0.00	76.82	75.42	0.00	1.40	50.89	50.89	65.66	477.50
1955	Dry	25.44	16.42	8.48	67.34	3.06	6.32	8.21	8.48	24.62	50.89	67.85	65.66	352.77
1956	Wet	25.44	16.42	0.00	0.00	0.00	28.28	45.62	0.00	0.00	50.89	14.50	78.29	259.44
1957	Above Normal	63.40	3.03	8.48	8.48	7.66	31.75	3.77	0.00	1.37	50.89	50.89	65.66	295.38
1958	Wet	28.14	43.53	55.70	59.76	3.06	0.00	0.00	81.01	0.00	95.26	61.77	85.56	513.79
1959	Below Normal	61.17	0.02	8.48	64.59	2.26	17.93	11.14	0.00	49.25	93.30	85.40	82.08	475.62
1960	Dry	25.44	16.42	8.48	8.48	7.93	3.39	6.56	0.00	1.17	50.89	67.85	49.25	245.86
1961	Dry	25.44	16.42	0.00	3.39	0.00	0.00	4.55	0.00	3.05	50.89	67.85	65.66	237.25
1962	Below Normal	25.44	16.42	8.48	3.39	0.00	3.39	3.61	0.00	24.62	50.89	67.85	49.25	253.34
1963	Wet	0.00	0.00	0.00	3.39	5.49	0.00	0.00	0.00	1.12	50.89	50.89	49.25	161.03
1964	Dry	25.44	38.84	22.62	24.23	30.27	6.36	13.23	8.48	41.04	111.54	89.70	49.25	461.00
1965	Wet	25.44	16.42	0.00	0.00	3.06	4.56	0.00	0.00	4.84	50.89	50.89	49.25	205.35
1966	Below Normal	42.41	16.42	8.48	3.39	3.06	0.00	42.94	0.00	10.53	50.89	104.89	65.66	348.67
1967	Wet	42.41	16.42	9.04	32.08	17.89	29.41	0.00	0.00	0.00	64.34	58.84	86.91	357.34
1968	Below Normal	66.79	3.47	11.40	19.21	0.00	24.15	10.86	0.00	20.02	67.85	67.85	65.66	357.26
1969	Wet	25.44	16.42	3.39	0.00	0.00	0.00	0.00	29.41	0.00	50.89	50.89	54.13	230.57
1970	Wet	61.91	0.32	94.43	67.34	0.00	23.36	21.87	0.00	24.62	70.96	67.85	82.08	514.74
1971	Wet	25.44	16.42	0.00	0.00	3.06	15.26	19.37	0.00	0.00	0.00	47.33	82.73	209.61
1972	Below Normal	59.64	5.61	12.11	30.90	4.56	111.95	3.68	0.00	5.48	50.89	67.85	65.66	418.33
1973	Above Normal	25.44	0.00	0.00	0.00	0.00	11.02	13.71	0.00	0.28	50.89	93.30	65.66	260.30
1974	Wet	25.44	0.00	0.00	64.41	2.65	0.00	16.38	0.00	0.00	50.24	56.76	83.41	299.29
1975	Wet	59.27	0.00	8.48	3.39	3.06	0.00	8.21	0.00	0.00	81.42	56.17	84.39	304.39
1976	Critical	66.37	16.39	20.37	111.95	3.17	3.79	5.80	8.48	49.40	111.54	76.33	49.25	522.84
1977	Critical	25.44	16.05	33.51	14.20	7.88	8.05	16.58	3.39	8.21	50.89	111.95	8.21	304.36
1978	Above Normal	82.48	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.89	50.89	32.83	217.24
1979	Below Normal	0.00	0.00	3.39	3.39	3.06	3.39	5.57	3.39	24.62	50.89	59.37	49.25	206.32
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	3.39	6.84	0.00	45.11	50.89	67.85	65.66	239.74
1981	Dry	25.44	8.21	8.48	8.48	3.06	3.39	6.59	3.39	24.62	80.59	100.91	49.25	322.41
1982	Wet	25.44	0.00	0.00	11.35	0.00	37.65	0.00	0.00	0.00	50.89	1.42	25.89	152.64
1983	Wet	77.54	19.91	0.00	0.00	0.00	1.67	0.00	78.11	105.16	111.54	84.81	95.45	574.19
1984	Wet	68.49	68.36	0.00	57.96	3.17	20.26	10.28	0.00	8.85	50.89	50.89	65.66	404.81
1985	Dry	42.41	0.00	0.00	59.83	3.06	5.56	12.90	11.90	43.89	111.54	110.55	49.25	450.89
1986	Wet	25.44	3.28	3.39	3.39	0.00	0.00	86.15	0.00	24.62	67.85	67.85	82.08	364.05
1987	Dry	25.44	16.42	8.48	8.48	7.66	8.48	13.24	8.48	90.91	111.54	99.46	59.87	458.46
1988	Critical	12.72	6.20	3.39	3.39	3.17	8.08	21.22	8.48	32.83	84.81	50.89	32.83	268.01
1989	Dry	8.48	3.28	3.39	43.28	3.06	3.39	3.99	0.00	24.62	59.37	42.41	32.83	228.10
1990	Critical	8.48	3.28	3.47	3.39	3.06	4.59	14.87	3.39	8.21	42.41	50.89	32.83	178.87
1991	Critical	8.48	3.28	3.47	3.49	3.28	0.00	9.10	3.39	8.21	50.89	50.89	8.21	152.69
1992	Critical	0.00	0.00	0.77	0.77	0.00	0.00	0.00	3.39	8.21	50.89	111.54	105.72	281.29
1993	Above Normal	26.71	66.15	0.00	0.00	0.00	0.00	3.28	0.00	0.00	0.00	46.12	32.83	175.09
1994	Critical	0.00	0.00	3.39	3.39	3.06	5.93	14.59	11.37	35.51	76.33	50.89	32.83	237.29
1995	Wet	8.48	3.28	3.39	0.00	0.00	0.00	0.00	0.00	0.00	21.37	57.39	82.52	176.43
1996	Wet	59.34	0.00	53.30	37.33	0.00	52.53	16.57	0.00	1.53	50.89	44.87	49.25	365.61
1997	Wet	25.44	16.42	0.00	0.00	3.06	3.39	46.12	0.00	41.04	67.85	76.33	53.27	332.92
1998	Wet	33.93	3.28	3.39	0.00	0.00	0.00	32.14	0.00	95.43	111.54	68.13	85.33	433.17
1999	Wet	60.62	35.67	38.23	19.17	0.00	38.92	5.57	0.00	0.00	50.89	50.89	62.22	362.18
2000	Above Normal	59.16	17.69	13.70	61.53	0.00	0.00	71.13	0.00	1.34	50.89	50.89	90.29	416.62
2001	Dry	25.44	16.42	8.48	8.48	3.06	3.39	3.28	11.74	49.25	111.54	111.54	49.25	401.87
2002	Dry	61.66	16.42	8.48	0.00	3.06	3.39	10.31	0.00	24.62	50.89	67.85	49.25	295.93
2003	Above Normal	25.44	16.42	0.00	0.00	3.06	3.39	0.00	0.00	1.95	74.97	58.66	90.29	274.18
	Average	32.17	11.49	9.22	16.32	2.99	9.70	13.09	5.98	18.65	60.33	62.76	54.98	297.68
	Wet	37.39	13.40	15.34	15.21	2.71	12.40	16.35	9.88	12.89	60.52	54.16	71.76	322.00
	Above Normal	46.70	18.89	6.02	9.13	1.80	11.40	19.61	0.00	7.18	47.67	60.33	62.93	291.64
	Below Normal	28.23	6.04	5.49	10.25	2.37	13.52	8.57	1.70	19.32	53.38	60.85	44.66	254.36
	Dry	26.92	11.63	6.75	18.99	4.86	5.06	7.48	7.37	34.51	72.00	74.96	48.57	319.10
	Critical	18.83	6.11	7.20	28.98	2.75	4.69	13.19	6.42	18.02	63.17	67.72	32.36	269.43

Energy generated (GWh) at Judge Francis Carr: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	111.95	30.01	8.48	8.48	7.66	3.39	8.21	0.00	4.71	50.89	50.89	65.66	350.33
1923	Below Normal	25.44	16.42	8.48	3.39	3.06	6.42	8.21	8.48	41.04	67.85	76.33	49.25	314.37
1924	Critical	25.44	3.28	4.96	52.07	3.17	10.91	18.21	6.13	8.21	50.89	50.89	32.83	266.99
1925	Dry	0.00	0.00	0.00	82.42	0.00	0.82	3.28	0.00	24.62	59.37	33.93	24.62	229.06
1926	Dry	8.48	3.28	3.39	3.39	3.06	0.00	3.28	8.48	24.62	59.37	42.41	32.83	192.59
1927	Wet	8.48	3.28	3.39	3.39	0.00	3.39	0.00	0.00	1.13	50.89	50.89	65.66	190.50
1928	Above Normal	42.41	16.42	8.48	8.48	3.17	0.00	0.00	0.00	3.48	29.15	67.85	65.66	245.10
1929	Critical	42.41	16.42	8.48	111.80	3.06	8.48	13.97	8.48	32.83	84.81	50.89	32.83	414.46
1930	Dry	8.48	3.28	3.39	3.39	3.06	3.39	4.38	8.48	32.83	42.41	67.82	32.83	213.74
1931	Critical	8.48	3.28	3.43	3.39	3.06	6.42	13.56	4.19	8.21	50.89	101.89	8.21	215.01
1932	Dry	42.84	12.75	0.00	0.00	0.00	0.00	0.00	0.00	8.21	36.58	39.75	8.21	148.34
1933	Critical	10.46	5.01	1.16	0.50	0.09	0.00	2.60	0.00	8.21	50.89	8.48	8.21	95.61
1934	Critical	35.42	0.00	0.00	0.00	0.00	0.00	13.38	3.39	8.21	111.54	45.95	100.16	318.05
1935	Below Normal	19.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.21	50.89	8.48	8.21	95.70
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	3.39	3.28	0.00	4.62	33.93	42.41	32.83	120.46
1937	Below Normal	8.48	0.00	0.00	0.00	0.00	0.00	0.00	3.39	8.21	59.37	33.93	32.83	146.21
1938	Wet	8.48	3.28	0.00	0.86	0.00	0.00	0.00	0.00	0.00	2.23	50.89	51.35	117.09
1939	Dry	66.17	8.33	17.43	3.39	3.06	0.00	11.98	47.25	99.45	111.54	111.54	91.61	571.75
1940	Above Normal	46.98	31.57	3.39	3.39	0.00	0.00	8.21	0.00	24.62	67.85	67.85	49.25	303.11
1941	Wet	25.44	16.42	0.00	0.00	0.00	0.00	0.00	68.25	15.22	111.54	66.12	89.13	392.12
1942	Wet	63.43	16.42	69.43	0.00	0.00	3.39	10.81	0.00	0.00	60.04	54.74	83.74	362.00
1943	Wet	60.13	16.42	33.26	26.12	12.61	39.56	9.22	0.00	8.03	50.89	50.89	65.66	372.79
1944	Dry	42.41	16.42	8.48	8.48	7.93	44.10	14.06	8.48	59.05	111.54	81.38	49.25	451.58
1945	Below Normal	8.48	3.28	3.39	3.39	3.06	3.39	8.12	0.00	24.62	50.89	59.37	24.62	192.61
1946	Below Normal	8.48	0.00	0.00	0.00	3.06	3.39	6.19	0.00	24.62	50.89	67.85	49.25	213.73
1947	Dry	25.44	16.42	8.48	4.64	3.06	3.39	11.49	8.48	24.62	59.37	76.33	32.83	274.55
1948	Below Normal	8.48	3.28	4.11	3.39	7.93	8.48	8.21	0.00	0.00	0.98	50.89	1.38	97.13
1949	Dry	0.00	0.00	3.48	4.17	3.06	0.00	3.28	0.00	24.62	50.89	67.85	65.66	223.01
1950	Below Normal	25.44	16.42	8.48	8.48	3.06	3.39	8.21	8.48	24.62	67.85	59.37	49.25	283.05
1951	Above Normal	18.38	0.00	0.00	0.00	0.00	6.98	44.71	0.00	1.88	50.89	67.85	65.66	256.35
1952	Wet	42.41	16.42	0.00	0.00	0.00	5.45	80.75	0.00	3.50	96.55	56.86	84.23	386.17
1953	Wet	60.06	0.00	19.96	0.00	13.35	15.30	16.01	0.00	0.00	51.79	59.42	88.24	324.13
1954	Above Normal	61.83	45.62	29.76	19.21	0.00	76.82	75.42	0.00	1.40	50.89	50.89	65.66	477.50
1955	Dry	25.44	16.42	8.48	67.52	3.06	6.32	8.21	8.48	24.62	50.89	67.85	65.66	352.95
1956	Wet	25.44	16.42	0.00	0.00	0.00	28.28	45.62	0.00	0.00	50.89	14.48	78.31	259.44
1957	Above Normal	63.40	3.03	8.48	8.48	7.66	31.75	3.77	0.00	1.37	50.89	50.89	65.66	295.38
1958	Wet	28.14	43.53	55.70	59.76	3.06	0.00	0.00	81.01	0.00	95.26	61.77	85.56	513.79
1959	Below Normal	61.17	0.02	8.48	64.59	2.26	17.93	11.30	0.00	49.25	93.30	85.46	82.08	475.84
1960	Dry	25.44	16.42	8.48	8.48	7.93	3.39	6.56	0.00	1.17	50.89	67.85	49.25	245.86
1961	Dry	25.44	16.42	0.00	3.39	0.00	0.00	4.55	0.00	3.05	50.89	67.85	65.66	237.25
1962	Below Normal	25.44	16.42	8.48	3.39	0.00	3.39	3.61	0.00	24.62	50.89	67.85	49.25	253.34
1963	Wet	0.00	0.00	0.00	3.39	5.27	0.00	0.00	0.00	1.12	50.89	50.89	49.25	160.81
1964	Dry	25.44	38.84	22.62	24.06	30.29	6.36	13.23	8.48	41.04	111.54	89.78	49.25	460.93
1965	Wet	25.44	16.42	0.00	0.00	3.06	4.56	0.00	0.00	4.84	50.89	50.89	49.25	205.35
1966	Below Normal	42.41	16.42	8.48	3.39	3.06	0.00	42.94	0.00	10.53	50.89	105.42	65.66	349.20
1967	Wet	42.41	16.42	8.52	32.08	17.89	29.41	0.00	0.00	0.00	64.34	58.84	86.91	356.82
1968	Below Normal	66.79	3.47	11.40	19.21	0.00	24.15	10.86	0.00	20.02	67.85	67.85	65.66	357.26
1969	Wet	25.44	16.42	3.39	0.00	0.00	0.00	0.00	29.41	0.00	50.89	50.89	54.13	230.57
1970	Wet	61.91	0.32	93.26	67.34	0.00	23.36	21.88	0.00	24.62	71.07	67.85	82.08	513.69
1971	Wet	25.44	16.42	0.00	0.00	3.06	15.14	19.37	0.00	0.00	0.00	47.33	82.73	209.49
1972	Below Normal	59.64	5.61	12.11	30.90	4.56	111.95	3.68	0.00	5.48	50.89	67.85	65.66	418.33
1973	Above Normal	25.44	0.00	0.00	0.00	0.00	11.02	13.71	0.00	0.28	50.89	93.30	65.66	260.30
1974	Wet	25.44	0.00	0.00	64.41	2.65	0.00	16.38	0.00	0.00	50.24	56.76	83.41	299.29
1975	Wet	59.27	0.00	8.48	3.39	3.06	0.00	8.21	0.00	0.00	81.42	56.17	84.39	304.39
1976	Critical	66.37	16.39	20.37	111.95	3.17	3.79	5.80	8.48	50.19	111.54	76.33	49.25	523.63
1977	Critical	25.44	15.58	33.34	14.25	7.70	8.05	16.58	3.39	8.21	50.89	111.95	8.21	303.59
1978	Above Normal	82.44	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.89	50.89	32.83	217.20
1979	Below Normal	0.00	0.00	3.39	8.48	3.06	3.39	5.57	8.48	24.62	50.89	59.37	49.25	216.50
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	3.39	3.28	0.00	45.11	50.89	67.85	65.66	236.18
1981	Dry	25.44	16.42	8.48	8.48	3.06	3.39	6.59	3.39	24.62	75.86	91.65	49.25	316.63
1982	Wet	25.44	0.00	0.00	11.08	0.00	37.65	0.00	0.00	0.00	50.89	1.42	25.89	152.37
1983	Wet	77.54	19.91	0.00	0.00	0.00	1.67	0.00	78.11	105.16	111.54	84.81	95.45	574.19
1984	Wet	68.49	68.36	0.00	57.96	3.17	20.26	10.28	0.00	8.85	50.89	50.89	65.66	404.81
1985	Dry	42.41	0.00	0.00	59.83	3.06	5.56	12.90	11.90	43.91	111.54	110.55	49.25	450.91
1986	Wet	25.44	3.28	3.39	3.39	0.00	0.00	86.15	0.00	24.62	67.85	67.85	82.08	364.05
1987	Dry	25.44	16.42	8.48	8.48	7.66	8.48	13.24	8.48	101.82	111.54	96.01	58.26	464.31
1988	Critical	10.65	6.21	3.39	3.39	3.17	8.08	20.10	8.48	32.83	84.81	50.89	32.83	264.83
1989	Dry	8.48	3.28	3.39	42.74	3.06	3.39	3.99	0.00	24.62	59.37	42.41	32.83	227.56
1990	Critical	8.48	3.28	3.47	3.39	3.06	4.59	14.87	3.39	8.21	42.41	50.89	32.83	178.87
1991	Critical	8.48	3.28	3.47	3.49	3.28	0.00	9.10	3.39	8.21	50.89	50.89	8.21	152.69
1992	Critical	0.00	0.00	0.77	0.77	0.00	0.00	0.00	3.39	8.21	50.89	111.54	106.67	282.24
1993	Above Normal	26.72	66.21	0.00	0.00	0.00	0.00	3.28	0.00	0.00	0.00	45.95	32.83	174.99
1994	Critical	0.00	0.00	3.39	3.39	3.06	5.94	14.59	10.88	35.02	76.33	50.89	32.83	236.32
1995	Wet	8.48	3.28	3.39	0.00	0.00	0.00	0.00	0.00	0.00	19.91	57.39	82.52	174.97
1996	Wet	59.34	0.00	53.30	37.33	0.00	52.53	16.57	0.00	1.53	50.89	44.97	49.25	365.71
1997	Wet	25.44	16.42	0.00	0.00	3.06	3.39	46.13	0.00	41.04	67.85	76.33	50.86	330.52
1998	Wet	33.93	3.28	8.48	0.00	0.00	0.00	32.14	0.00	95.42	111.54	68.13	85.33	438.25
1999	Wet	60.62	35.67	38.23	19.17	0.00	38.92	5.57	0.00	0.00	50.89	50.89	62.22	362.18
2000	Above Normal	59.16	17.69	13.70	61.53	0.00	0.00	71.13	0.00	1.34	50.89	50.89	90.29	416.62
2001	Dry	25.44	16.42	8.48	8.48	3.06	3.39	3.28	11.85	49.25	111.54	111.54	49.25	401.98
2002	Dry	61.32	16.42	8.48	0.00	3.06	3.39	10.31	0.00	24.62	50.89	67.85	49.25	295.59
2003	Above Normal	25.44	16.42	0.00	0.00	3.06	3.39	0.00	0.00	1.95	75.19	58.66	90.29	274.40
	Average	31.98	11.55	9.26	15.82	2.99	9.75	12.86	5.89	18.84	61.36	61.96	55.52	297.78
	Wet	37.39	13.40	15.47	14.99	2.70	12.39	16.35	9.88	12.89	60.46	54.17	71.67	321.75
	Above Normal	47.01	18.93	6.02	9.13	1.80	11.40	19.31	0.00	7.18	48.28	60.31	62.93	292.29
	Below Normal	25.73	5.81	5.49	10.62	2.37	13.52	8.58	2.06	19.32	53.38	60.89	44.66	252.41
	Dry	26.90	12.09	6.75	18.96	4.86	5.30	7.48	7.43	35.37	73.11	74.13	47.54	319.92
	Critical	20.14	6.06	7.19	25.70	2.74	4.69	11.90	5.30	18.05	68.07	63.46	37.76	271.02

Difference in Energy generated (GWh) at Judge Francis Carr: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	(39.43)	0.00	0.00	(14.44)	0.00	0.00	0.00	0.00	24.62	(2.44)
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(8.21)	(0.68)
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.44	0.00	(7.78)	1.47
1927	Wet	0.00	0.00	0.00	(5.09)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.42)
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.09	0.00	0.00	0.59
1929	Critical	16.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.41
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.60)	0.00	(0.13)
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.00)	0.00	(0.08)
1932	Dry	(0.06)	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.65)	(0.05)	0.00	(0.06)
1933	Critical	0.65	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
1934	Critical	0.12	0.00	0.00	0.00	0.00	0.00	0.00	(12.90)	0.00	58.74	(50.18)	39.19	2.91
1935	Below Normal	(35.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(2.92)
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.95	4.35	0.00	0.00	(0.87)	0.37
1940	Above Normal	2.64	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	(0.09)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1943	Wet	0.00	0.00	0.00	(0.39)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1944	Dry	0.00	0.00	0.00	0.00	0.00	4.30	0.00	0.00	0.31	0.00	(0.73)	0.00	0.32
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	(3.28)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.27)
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.02	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.06	0.00	0.02
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	(0.22)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1964	Dry	0.00	0.00	0.00	(0.17)	0.02	0.00	0.00	0.00	0.00	0.00	0.08	0.00	(0.01)
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.04
1967	Wet	0.00	0.00	(0.52)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	(1.17)	0.00	0.00	0.00	0.01	0.00	0.00	0.11	0.00	0.00	(0.09)
1971	Wet	0.00	0.00	0.00	0.00	0.00	(0.12)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.00	0.00	0.07
1977	Critical	0.00	(0.47)	(0.17)	0.05	(0.18)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)
1978	Above Normal	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	5.09	0.00	0.00	0.00	5.09	0.00	0.00	0.00	0.00	0.85
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(3.56)	0.00	0.00	0.00	0.00	0.00	(0.30)
1981	Dry	0.00	8.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(4.73)	(9.26)	0.00	(0.48)
1982	Wet	0.00	0.00	0.00	(0.27)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.91	0.00	(3.45)	(1.61)	0.49
1988	Critical	(2.07)	0.01	0.00	0.00	0.00	0.00	(1.12)	0.00	0.00	0.00	0.00	0.00	(0.27)
1989	Dry	0.00	0.00	0.00	(0.54)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.95	0.08
1993	Above Normal	0.01	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.17)	0.00	(0.01)
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.01	0.00	(0.49)	(0.49)	0.00	0.00	0.00	(0.08)
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.46)	0.00	0.00	(0.12)
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.01
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	(2.41)	(0.20)
1998	Wet	0.00	0.00	5.09	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.42
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.01
2002	Dry	(0.34)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.02
	Average	(0.20)	0.06	0.04	(0.49)	(0.00)	0.05	(0.23)	(0.09)	0.19	1.03	(0.80)	0.54	0.01
	Wet	0.00	0.00	0.13	(0.22)	(0.01)	(0.00)	0.00	0.00	(0.00)	(0.05)	0.00	(0.09)	(0.02)
	Above Normal	0.31	0.04	0.00	0.00	0.00	0.00	(0.30)	0.00	0.00	0.61	(0.01)	0.00	0.05
	Below Normal	(2.50)	(0.23)	0.00	0.36	0.00	0.00	0.01	0.36	0.00	0.00	0.04	0.00	(0.16)
	Dry	(0.02)	0.46	0.00	(0.03)	0.00	0.24	0.00	0.06	0.87	1.11	(0.83)	(1.03)	0.07
	Critical	1.31	(0.04)	(0.01)	(3.28)	(0.02)	0.00	(1.30)	(1.12)	0.03	4.90	(4.27)	5.40	0.13

Percent Difference in Energy generated (GWh) at Judge Francis Carr: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	-43%	0%	0%	-44%	0%	0%	0%	0%	300%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-25%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	0%	-19%
1927	Wet	0%	0%	0%	-60%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	32%	0%	0%
1929	Critical	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%
1933	Critical	7%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	-79%	0%	111%	-52%	64%
1935	Below Normal	-64%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	2%	5%	0%	0%	-1%
1940	Above Normal	6%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	11%	0%	0%	1%	0%	-1%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	-100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1967	Wet	0%	0%	-6%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%
1977	Critical	0%	-3%	-1%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	150%	0%	0%	0%	150%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	-52%	0%	0%	0%	0%	0%
1981	Dry	0%	100%	0%	0%	0%	0%	0%	0%	0%	-6%	-9%	0%
1982	Wet	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	12%	0%	-3%	-3%
1988	Critical	-16%	0%	0%	0%	0%	0%	-5%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	-4%	-1%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-7%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-5%
1998	Wet	0%	0%	150%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
2002	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	2%	1%	0%	0%	-1%	1%	0%	2%	-1%	4%
	Wet	0%	0%	6%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	1%	0%	0%	0%	0%	0%	-4%	0%	0%	3%	0%	0%
	Below Normal	-5%	-7%	0%	11%	0%	0%	0%	11%	0%	0%	0%	0%
	Dry	0%	6%	0%	0%	0%	1%	0%	0%	1%	4%	-1%	-3%
	Critical	5%	0%	0%	-4%	0%	0%	-4%	-7%	0%	9%	-4%	30%

Energy generated (GWh) at Keswick Dam: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	33.76	30.90	18.57	15.79	19.51	21.60	23.47	39.89	54.96	59.07	51.79	41.13	410.44
1923	Below Normal	26.78	31.69	19.29	17.43	15.12	16.71	16.35	49.48	52.06	57.52	49.16	24.93	376.52
1924	Critical	27.78	25.20	22.44	15.79	14.77	19.63	36.38	37.37	44.72	51.57	42.43	26.22	364.30
1925	Dry	20.25	15.28	15.79	14.93	13.49	15.79	15.54	28.69	42.98	55.74	45.64	26.36	310.48
1926	Dry	27.01	20.17	17.39	16.16	14.26	15.79	15.28	29.76	51.29	60.71	45.30	25.42	338.54
1927	Wet	22.24	16.33	21.11	21.60	66.01	21.60	43.67	41.76	47.97	57.52	48.89	60.23	468.93
1928	Above Normal	28.19	31.89	19.29	21.60	14.77	58.04	16.05	32.05	53.94	67.44	49.75	47.81	440.82
1929	Critical	28.18	28.07	16.47	15.79	14.26	15.79	27.89	31.64	41.84	55.65	52.60	23.47	351.65
1930	Dry	24.61	19.96	15.79	16.15	14.26	15.93	23.86	28.43	46.24	51.24	41.63	21.87	319.97
1931	Critical	22.85	18.11	16.18	15.79	14.26	15.79	40.91	35.29	39.72	52.47	42.81	19.02	333.20
1932	Dry	18.76	13.51	14.93	15.79	14.77	15.79	25.26	20.95	33.48	38.23	31.09	17.30	259.86
1933	Critical	18.83	14.88	13.96	14.93	14.26	15.79	25.86	27.58	34.76	39.68	47.20	28.13	295.86
1934	Critical	20.83	13.55	14.93	15.79	14.26	15.79	27.23	30.58	38.46	53.23	32.91	18.67	296.23
1935	Below Normal	14.74	12.19	15.79	15.79	14.26	15.79	15.28	20.86	43.47	51.75	42.24	21.46	283.62
1936	Below Normal	21.43	18.77	16.86	15.79	18.00	21.60	21.88	30.37	39.61	57.60	44.84	25.99	332.74
1937	Below Normal	26.63	22.64	16.88	15.79	14.26	15.79	15.28	24.39	38.76	51.24	41.65	22.20	305.51
1938	Wet	19.29	18.67	71.16	17.96	65.23	70.99	54.10	41.63	43.72	52.09	48.63	55.11	558.58
1939	Dry	31.24	29.25	21.36	16.65	19.02	15.79	38.46	38.08	51.37	67.44	56.52	28.81	413.99
1940	Above Normal	24.76	25.96	16.77	15.79	68.16	75.02	18.60	31.20	50.69	67.44	51.15	27.91	473.45
1941	Wet	27.58	23.30	37.25	73.57	67.11	61.05	60.13	60.64	44.44	59.79	59.91	64.50	639.27
1942	Wet	34.53	41.11	58.85	75.76	65.82	21.60	20.90	47.19	39.56	54.11	56.55	63.84	579.82
1943	Wet	33.54	45.08	19.29	41.62	35.05	57.18	23.33	35.98	46.01	63.83	48.62	61.08	510.61
1944	Dry	28.96	41.09	19.29	19.89	14.77	15.79	30.84	27.73	41.48	60.02	44.72	21.18	365.76
1945	Below Normal	23.68	20.52	16.11	16.56	19.51	21.60	25.34	28.89	45.00	57.42	48.29	27.99	350.91
1946	Below Normal	27.23	18.67	74.96	34.92	19.51	21.60	32.41	36.56	49.72	58.80	49.24	26.73	450.35
1947	Dry	28.70	21.80	18.52	18.21	14.26	15.79	27.00	42.07	44.97	64.00	49.61	26.36	371.29
1948	Below Normal	20.80	18.77	18.93	15.94	15.15	15.79	15.28	45.76	41.19	54.26	47.83	31.90	341.60
1949	Dry	30.91	21.01	19.29	18.64	14.26	40.55	24.65	31.74	49.50	56.23	46.75	25.61	379.14
1950	Below Normal	29.86	23.01	20.71	20.26	19.51	21.60	20.90	30.83	41.96	51.62	42.48	21.02	343.76
1951	Above Normal	34.49	42.36	67.65	34.80	63.57	20.75	34.15	26.77	50.57	67.44	49.08	30.36	521.99
1952	Wet	26.96	33.96	49.90	38.85	70.84	51.17	72.76	42.23	35.29	57.07	56.27	49.29	584.59
1953	Wet	39.54	37.91	24.18	72.56	17.51	15.79	25.20	46.38	43.27	57.93	51.77	64.27	496.31
1954	Above Normal	27.22	47.19	19.29	51.78	68.43	51.18	54.83	35.02	45.80	67.44	50.04	43.75	561.97
1955	Dry	28.09	29.50	19.94	21.60	14.40	15.80	27.86	28.52	43.15	63.41	47.03	26.19	365.49
1956	Wet	24.03	18.67	73.16	71.99	69.90	21.60	20.90	49.84	42.77	49.40	43.01	57.46	542.73
1957	Above Normal	35.97	47.21	19.97	20.11	14.26	46.22	26.45	41.83	46.42	67.44	46.45	36.41	448.74
1958	Wet	31.82	38.01	48.20	62.73	64.55	69.47	51.90	42.40	41.75	61.72	60.02	51.73	624.30
1959	Below Normal	40.46	45.32	19.29	31.90	55.59	15.79	37.47	37.93	57.99	67.03	52.55	20.46	481.78
1960	Dry	30.27	23.08	20.89	16.73	16.27	17.89	29.52	23.53	53.83	65.98	44.43	29.15	371.57
1961	Dry	27.62	20.63	27.82	15.79	41.49	28.80	27.31	33.09	47.66	67.44	53.75	30.29	421.69
1962	Below Normal	30.87	28.27	20.18	19.40	59.87	21.60	28.90	35.98	48.04	59.88	47.23	24.13	424.35
1963	Wet	33.32	24.54	41.22	21.60	36.21	29.01	69.82	25.84	43.27	65.11	46.02	47.29	483.25
1964	Dry	24.15	31.70	23.40	21.60	14.77	15.79	43.10	35.87	46.28	60.87	48.02	24.90	390.45
1965	Wet	23.44	19.88	76.03	74.89	19.51	21.60	29.77	32.39	45.17	59.41	42.29	55.91	500.29
1966	Below Normal	29.59	37.96	19.29	21.60	18.19	50.39	33.87	37.48	57.50	67.44	50.62	29.55	453.48
1967	Wet	32.56	20.67	51.65	45.50	34.42	70.83	44.60	63.76	42.19	55.61	56.95	54.30	573.04
1968	Below Normal	36.54	31.47	19.29	21.60	58.33	15.79	31.17	34.12	50.85	67.44	40.71	26.26	433.57
1969	Wet	23.98	18.67	21.30	74.08	67.53	27.21	52.04	55.34	44.88	54.75	48.77	55.17	543.72
1970	Wet	26.63	24.65	73.74	66.57	54.11	21.60	32.63	34.18	47.53	67.44	46.38	54.84	550.30
1971	Wet	34.57	25.78	28.47	65.76	19.51	76.05	28.24	40.39	42.69	55.75	43.88	54.50	515.59
1972	Below Normal	38.84	38.45	19.29	21.60	17.31	55.35	33.77	32.37	53.33	67.44	45.48	24.26	447.49
1973	Above Normal	27.82	26.10	32.52	65.53	68.28	34.17	20.90	30.45	51.33	66.42	45.35	29.68	498.55
1974	Wet	26.01	70.50	75.09	69.87	23.85	70.74	30.49	30.78	44.07	45.76	59.58	52.60	599.34
1975	Wet	40.14	48.61	19.97	19.36	19.51	73.67	20.90	43.51	47.76	52.30	52.59	55.50	493.82
1976	Critical	42.50	42.33	19.29	17.04	24.35	15.81	25.73	31.51	49.72	64.78	28.13	16.17	377.36
1977	Critical	33.38	25.66	25.59	21.41	27.74	21.51	44.40	27.28	58.18	61.17	35.00	1.87	383.19
1978	Above Normal	1.20	13.49	15.79	15.79	34.56	64.49	28.83	41.79	49.93	55.20	46.22	25.66	392.95
1979	Below Normal	31.42	30.19	19.99	21.60	14.26	15.79	15.28	25.96	49.77	53.44	37.04	24.74	339.48
1980	Above Normal	21.24	26.64	19.29	75.90	67.48	21.60	21.50	32.20	50.45	54.87	48.46	25.04	464.67
1981	Dry	25.94	37.54	19.29	20.05	14.26	15.79	17.04	38.53	65.26	67.03	44.52	25.22	390.47
1982	Wet	19.29	35.71	74.46	34.65	66.85	58.31	71.30	20.44	36.85	48.03	44.70	42.42	553.01
1983	Wet	43.96	30.83	58.58	75.51	63.84	69.25	60.22	55.00	64.64	66.42	64.49	55.23	707.97
1984	Wet	43.60	59.76	73.73	35.72	20.21	45.76	25.48	35.07	47.55	66.76	41.16	55.62	550.42
1985	Dry	21.38	31.15	26.82	21.60	14.26	15.79	27.59	42.28	54.08	58.79	49.25	25.32	388.31
1986	Wet	26.27	24.47	19.39	18.66	62.13	75.24	20.90	37.09	52.80	56.08	48.55	27.68	469.26
1987	Dry	23.09	29.93	21.33	16.99	14.26	15.79	32.93	40.99	64.78	67.92	45.08	26.50	399.59
1988	Critical	30.30	20.77	16.78	17.87	24.32	16.33	25.79	29.19	53.18	63.11	50.36	22.08	370.08
1989	Dry	27.50	15.28	16.77	15.79	14.26	15.79	15.28	41.55	42.76	62.92	39.31	16.93	324.14
1990	Critical	19.11	17.91	18.87	15.79	14.26	15.79	32.19	25.24	39.57	60.64	48.16	17.87	325.40
1991	Critical	23.25	19.46	15.79	23.57	14.26	15.79	15.28	29.31	37.12	45.37	33.23	17.54	289.97
1992	Critical	24.52	25.34	15.79	15.79	14.77	15.79	15.68	45.66	59.28	64.95	61.66	22.68	381.91
1993	Above Normal	29.74	20.84	14.93	15.79	14.26	15.79	20.90	22.81	44.82	57.60	40.74	42.15	340.37
1994	Critical	30.24	30.95	19.86	15.79	14.26	15.79	36.45	32.44	51.70	64.05	53.23	18.41	383.17
1995	Wet	23.94	21.44	15.79	53.73	31.05	68.02	34.86	55.95	41.18	51.90	58.49	50.26	506.61
1996	Wet	38.98	35.15	19.96	22.41	66.66	50.15	20.90	50.30	41.88	53.99	42.65	53.30	496.33
1997	Wet	36.15	41.01	73.38	71.01	19.51	21.60	34.52	42.45	49.25	63.83	40.99	55.01	548.71
1998	Wet	34.05	40.35	20.52	46.44	61.92	75.68	20.90	70.93	72.85	70.67	64.11	54.77	633.19
1999	Wet	43.86	48.55	51.79	35.73	67.01	59.32	20.90	43.20	44.31	58.89	44.52	55.95	574.03
2000	Above Normal	33.56	51.92	20.35	23.64	66.27	35.29	26.05	37.57	50.25	67.44	47.77	42.45	502.56
2001	Dry	30.87	40.98	20.31	18.16	14.26	15.79	24.45	42.91	64.69	67.44	43.13	22.77	405.76
2002	Dry	35.81	19.87	19.29	43.18	15.42	15.79	30.58	38.53	52.29	54.96	42.67	25.94	394.33
2003	Above Normal	28.92	24.01	52.57	66.71	14.26	15.79	46.15	60.87	44.91	71.00	42.59	38.52	506.30
	Average	28.57	28.95	29.34	31.40	32.04	31.87	30.52	37.13	47.58	59.33	47.25	34.98	438.97
	Wet	31.16	33.22	46.08	50.31	48.30	50.17	38.13	44.03	45.91	57.93	50.76	54.15	550.15
	Above Normal	27.24	32.38	26.42	35.27	42.82	38.33	28.16	36.04	49.51	64.07	47.45	35.91	463.57
	Below Normal	28.49	26.99	22.63	20.73	25.63	23.23	24.51	33.64	47.80	58.78	45.67	25.12	383.23
	Dry	26.95	25.65	19.90	19.33	16.26	18.01	26.48	34.07	49.78	60.58	45.47	24.78	367.27
	Critical	26.81	23.52	18.00	17.11	17.15	16.63	29.48	31.92	45.69	56.39	43.98	19.34	346.03

Energy generated (GWh) at Keswick Dam: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	33.76	30.90	18.57	15.79	19.51	21.60	23.47	39.89	54.96	59.07	51.79	41.19	410.50
1923	Below Normal	27.50	34.72	19.29	17.43	14.26	16.71	16.35	47.19	49.73	57.35	47.33	22.63	370.49
1924	Critical	25.43	22.94	20.09	15.79	14.77	19.67	36.48	37.42	45.54	52.57	43.54	27.05	361.29
1925	Dry	20.24	15.28	15.79	14.93	13.49	15.79	15.54	28.72	43.03	55.56	45.68	26.29	310.34
1926	Dry	27.03	20.17	17.39	16.16	14.26	15.79	15.28	32.15	50.21	63.93	41.94	23.24	337.55
1927	Wet	22.26	16.33	21.11	21.60	65.61	21.60	43.67	41.76	47.96	57.51	49.07	60.13	468.61
1928	Above Normal	28.19	31.90	19.29	21.60	14.77	57.97	16.05	32.14	54.00	67.44	49.94	47.98	441.27
1929	Critical	28.21	28.18	16.47	15.79	14.26	15.79	27.88	31.66	41.84	55.63	54.39	23.57	353.67
1930	Dry	24.53	19.90	15.79	16.15	14.26	15.93	23.86	28.43	46.24	51.34	41.64	21.87	319.94
1931	Critical	22.85	18.11	16.17	15.79	14.26	15.79	40.91	35.29	39.70	52.18	43.09	19.03	333.17
1932	Dry	18.75	13.51	14.93	15.79	14.77	15.79	25.25	20.91	33.43	38.20	31.07	17.57	259.97
1933	Critical	18.83	14.85	13.96	14.93	14.26	15.86	25.99	26.41	33.53	38.54	50.71	27.25	295.12
1934	Critical	24.29	15.37	15.79	15.79	14.26	15.79	27.19	30.50	38.40	53.04	32.86	21.79	305.07
1935	Below Normal	11.42	12.19	15.79	15.79	14.26	15.79	15.28	20.83	43.43	51.71	42.21	21.45	280.15
1936	Below Normal	21.42	18.75	16.86	15.79	18.00	21.60	21.87	30.36	39.61	57.77	44.84	25.99	332.86
1937	Below Normal	26.62	22.63	16.88	15.79	14.26	15.79	15.28	24.38	38.75	51.17	41.63	22.20	305.38
1938	Wet	19.29	18.67	71.28	17.96	65.23	70.99	54.10	41.63	43.71	52.09	48.63	54.56	558.14
1939	Dry	31.02	32.64	20.60	16.65	19.00	15.79	38.26	38.05	51.31	67.44	55.45	28.93	415.14
1940	Above Normal	26.43	26.10	16.77	15.79	68.25	75.02	18.60	31.22	50.71	67.44	51.17	29.84	477.34
1941	Wet	27.69	23.42	35.06	73.57	67.11	61.05	60.13	60.64	44.44	59.79	59.91	64.50	637.31
1942	Wet	34.41	41.22	58.85	75.76	65.82	21.60	20.90	47.19	39.56	54.11	56.55	63.83	579.80
1943	Wet	33.54	45.03	19.29	41.62	35.05	57.18	23.33	35.98	45.98	63.68	48.58	61.54	510.80
1944	Dry	28.98	42.79	19.29	19.89	14.77	15.79	30.81	27.70	41.43	59.75	44.39	21.15	366.74
1945	Below Normal	23.68	20.52	16.11	16.56	19.51	21.60	23.12	26.41	42.70	57.29	46.10	25.90	339.50
1946	Below Normal	25.18	22.69	74.37	34.92	19.51	21.60	32.35	36.50	49.67	58.77	49.20	26.70	451.46
1947	Dry	28.70	21.79	18.52	18.21	14.26	15.79	27.01	42.08	45.03	64.01	49.63	26.54	371.57
1948	Below Normal	20.81	18.77	18.93	15.94	15.14	15.79	15.28	45.73	41.19	54.28	47.83	31.88	341.57
1949	Dry	30.89	21.00	19.29	18.64	14.26	40.57	24.66	31.74	49.50	56.24	46.75	25.61	379.15
1950	Below Normal	29.86	23.01	20.71	20.26	19.51	21.60	20.90	30.83	41.95	51.77	42.48	21.01	343.89
1951	Above Normal	34.48	42.36	67.65	34.80	63.57	20.75	34.15	26.77	50.57	67.44	49.08	30.36	521.98
1952	Wet	26.96	33.96	49.91	38.85	70.84	51.17	72.76	42.23	35.29	57.07	56.27	49.29	584.60
1953	Wet	39.64	42.98	19.29	72.59	17.51	15.79	25.19	46.38	43.27	57.94	51.77	64.27	496.62
1954	Above Normal	27.22	46.71	19.29	52.26	68.43	51.18	54.83	35.02	45.80	67.44	50.04	43.75	561.97
1955	Dry	28.05	29.62	19.94	21.60	14.40	15.80	27.86	28.51	43.15	63.40	46.98	25.96	365.27
1956	Wet	24.01	18.67	73.15	71.99	69.90	21.60	20.90	49.84	42.76	49.40	43.01	57.46	542.69
1957	Above Normal	35.97	47.21	19.97	20.11	14.26	46.22	26.45	41.83	46.42	67.44	46.45	36.41	448.74
1958	Wet	31.82	38.01	48.20	62.73	64.55	69.47	51.90	42.40	41.75	61.72	60.02	51.73	624.30
1959	Below Normal	40.46	45.63	19.29	31.57	55.59	15.79	37.49	37.95	57.99	67.03	52.58	20.46	481.83
1960	Dry	30.25	23.09	20.90	16.73	16.27	17.89	29.51	23.53	53.84	65.98	44.43	29.16	371.58
1961	Dry	27.61	20.63	27.80	15.79	41.49	28.80	27.31	33.09	47.65	67.44	53.74	30.28	421.63
1962	Below Normal	30.87	28.27	20.18	19.39	59.88	21.60	28.90	35.98	48.04	59.88	47.23	24.13	424.35
1963	Wet	33.32	24.54	41.22	21.60	36.19	29.01	69.82	25.84	43.27	65.11	46.02	47.15	483.09
1964	Dry	24.23	31.77	23.33	21.60	14.77	15.79	43.10	35.87	46.28	60.88	48.04	24.91	390.57
1965	Wet	23.44	19.88	76.03	74.89	19.51	21.60	29.77	32.32	45.08	59.35	42.23	55.88	499.98
1966	Below Normal	29.65	37.35	19.29	21.60	18.19	51.21	33.87	37.51	57.54	67.44	50.72	29.30	453.67
1967	Wet	32.46	20.67	51.82	45.50	34.42	70.83	44.60	63.76	42.19	55.61	56.95	54.80	573.61
1968	Below Normal	36.03	36.14	19.29	21.60	53.90	15.79	31.18	34.12	50.85	67.44	40.71	26.26	433.31
1969	Wet	23.98	18.67	21.30	74.08	67.53	27.21	52.04	55.34	44.88	54.82	48.77	55.09	543.71
1970	Wet	26.43	24.70	73.74	66.57	54.11	21.60	32.63	34.18	47.56	67.44	46.38	54.85	550.19
1971	Wet	34.59	25.71	28.48	65.76	19.51	76.05	28.24	40.39	42.69	55.75	43.88	54.50	515.55
1972	Below Normal	38.85	38.44	19.29	21.60	17.31	55.35	33.78	32.37	53.33	67.44	45.48	24.26	447.50
1973	Above Normal	27.81	26.10	32.52	65.53	68.28	34.17	20.90	30.45	51.33	66.41	45.36	33.44	502.30
1974	Wet	23.09	70.56	75.09	69.87	23.85	70.74	30.49	30.78	44.07	45.76	59.58	52.60	596.48
1975	Wet	40.14	48.16	19.97	19.36	19.51	73.63	20.90	43.51	47.76	52.30	52.58	55.50	493.32
1976	Critical	42.50	42.43	19.29	17.04	24.35	15.81	25.73	31.51	49.72	65.03	27.99	16.17	377.57
1977	Critical	33.24	25.64	25.55	21.43	27.72	21.51	44.40	27.29	58.16	61.16	34.99	1.86	382.95
1978	Above Normal	1.22	13.49	15.79	15.79	34.57	64.49	28.83	41.79	49.93	55.20	46.22	25.67	392.99
1979	Below Normal	31.42	32.33	20.13	21.60	14.26	15.79	15.28	25.89	49.68	53.19	36.95	26.23	342.75
1980	Above Normal	19.84	26.14	19.29	75.90	67.48	21.60	21.48	32.16	50.41	54.82	45.58	31.21	465.91
1981	Dry	26.40	31.25	19.29	20.05	14.26	15.79	17.06	38.55	65.26	67.03	44.02	24.95	383.91
1982	Wet	19.29	38.02	74.46	34.61	66.85	58.31	71.30	20.43	36.85	48.03	44.70	42.42	555.27
1983	Wet	43.96	30.83	58.58	75.51	63.84	69.25	60.22	55.00	64.64	66.42	64.49	55.23	707.97
1984	Wet	43.60	59.76	73.73	35.72	20.21	45.76	25.48	35.07	47.55	66.76	41.16	55.63	550.43
1985	Dry	21.38	31.15	26.82	21.60	14.26	15.79	27.59	42.28	54.08	58.79	49.25	25.32	388.31
1986	Wet	26.27	24.47	19.39	18.66	62.13	75.24	20.90	37.09	52.80	56.08	48.55	27.36	468.94
1987	Dry	23.07	31.72	21.33	16.99	14.26	15.79	32.92	40.94	64.78	67.92	44.87	26.46	401.05
1988	Critical	30.31	20.77	16.78	17.87	24.07	16.32	25.79	29.19	53.17	62.91	50.32	22.08	369.58
1989	Dry	27.51	15.28	16.77	15.79	14.26	15.79	15.28	41.53	42.76	62.90	39.31	16.91	324.09
1990	Critical	19.11	17.91	18.87	15.79	14.26	15.79	32.19	25.24	39.57	60.65	48.18	17.87	325.43
1991	Critical	23.26	19.47	15.79	23.60	14.26	15.79	15.28	29.31	37.12	45.10	33.22	17.54	289.74
1992	Critical	24.52	25.36	15.79	15.79	14.77	15.79	15.69	45.70	59.32	64.91	61.67	22.66	381.97
1993	Above Normal	29.74	20.85	14.93	15.79	14.26	15.79	20.90	22.81	44.82	57.59	40.73	42.15	340.36
1994	Critical	30.24	30.88	19.86	15.79	14.26	15.79	36.46	32.42	51.68	64.04	53.25	18.44	383.11
1995	Wet	23.96	21.44	15.79	53.65	31.05	68.02	34.86	55.95	41.18	51.72	58.49	50.26	506.37
1996	Wet	38.98	39.94	19.29	21.60	66.86	50.15	20.90	50.30	41.89	53.99	42.66	53.30	499.86
1997	Wet	35.63	40.91	73.34	71.01	19.51	21.60	34.53	42.45	49.25	62.84	40.94	55.22	547.23
1998	Wet	34.87	37.35	20.52	49.76	61.92	75.68	20.90	70.93	72.85	70.67	64.11	54.77	634.33
1999	Wet	43.86	48.55	51.79	35.73	67.01	59.32	20.90	43.20	44.32	58.90	44.53	55.95	574.06
2000	Above Normal	33.88	51.77	20.40	23.41	66.27	35.29	26.05	37.57	50.26	67.44	47.77	42.45	502.56
2001	Dry	30.85	40.98	20.50	18.16	14.26	15.79	24.45	42.92	64.69	67.44	42.92	22.77	405.73
2002	Dry	35.76	19.87	19.29	43.22	15.42	15.79	30.59	38.53	52.29	54.96	42.67	25.94	394.33
2003	Above Normal	29.30	24.04	52.16	66.71	14.26	15.79	46.15	60.87	44.91	71.01	42.60	38.54	506.34
	Average	28.50	29.22	29.22	31.43	31.97	31.88	30.49	37.08	47.50	59.33	47.18	35.10	438.90
	Wet	31.06	33.56	45.80	50.41	48.29	50.17	38.13	44.02	45.91	57.88	50.76	54.15	550.13
	Above Normal	27.32	32.30	26.39	35.29	42.83	38.32	28.16	36.04	49.51	64.06	47.23	36.92	464.36
	Below Normal	28.13	27.96	22.60	20.70	25.26	23.29	24.35	33.29	47.46	58.75	45.38	24.89	382.05
	Dry	26.96	25.69	19.87	19.33	16.26	18.01	26.46	34.20	49.72	60.73	45.15	24.66	367.05
	Critical	26.90	23.49	17.87	17.12	17.13	16.64	29.50	31.83	45.65	56.31	44.52	19.61	346.56

Difference in Energy generated (GWh) at Keswick Dam: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00
1923	Below Normal	0.72	3.03	0.00	0.00	(0.86)	0.00	0.00	(2.29)	(2.33)	(0.17)	(1.83)	(2.30)	(0.50)
1924	Critical	(2.35)	(2.26)	(2.35)	0.00	0.00	0.04	0.10	0.05	0.82	1.00	1.11	0.83	(0.25)
1925	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.05	(0.18)	0.04	(0.07)	(0.01)
1926	Dry	0.02	0.00	0.00	0.00	0.00	0.00	0.00	2.39	(1.08)	3.22	(3.36)	(2.18)	(0.08)
1927	Wet	0.02	0.00	0.00	0.00	(0.40)	0.00	0.00	0.00	(0.01)	(0.01)	0.18	(0.10)	(0.03)
1928	Above Normal	0.00	0.01	0.00	0.00	0.00	(0.07)	0.00	0.09	0.06	0.00	0.19	0.17	0.04
1929	Critical	0.03	0.11	0.00	0.00	0.00	0.00	(0.01)	0.02	0.00	(0.02)	1.79	0.10	0.17
1930	Dry	(0.08)	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.01	0.00	0.00
1931	Critical	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.29)	0.28	0.01	0.00
1932	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.04)	(0.05)	(0.03)	(0.02)	0.27	0.01
1933	Critical	0.00	(0.03)	0.00	0.00	0.00	0.07	0.13	(1.17)	(1.23)	(1.14)	3.51	(0.88)	(0.06)
1934	Critical	3.46	1.82	0.86	0.00	0.00	0.00	(0.04)	(0.08)	(0.06)	(0.19)	(0.05)	3.12	0.74
1935	Below Normal	(3.32)	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.04)	(0.04)	(0.03)	(0.01)	(0.29)
1936	Below Normal	(0.01)	(0.02)	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.17	0.00	0.00	0.01
1937	Below Normal	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.07)	(0.02)	0.00	(0.01)
1938	Wet	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.55)	(0.04)
1939	Dry	(0.22)	3.39	(0.76)	0.00	(0.02)	0.00	(0.20)	(0.03)	(0.06)	0.00	(1.07)	0.12	0.10
1940	Above Normal	1.67	0.14	0.00	0.00	0.09	0.00	0.00	0.02	0.02	0.00	0.02	1.93	0.32
1941	Wet	0.11	0.12	(2.19)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.16)
1942	Wet	(0.12)	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1943	Wet	0.00	(0.05)	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.15)	(0.04)	0.46	0.02
1944	Dry	0.02	1.70	0.00	0.00	0.00	0.00	(0.03)	(0.03)	(0.05)	(0.27)	(0.33)	(0.03)	0.08
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(2.22)	(2.48)	(2.30)	(0.13)	(2.19)	(2.09)	(0.95)
1946	Below Normal	(2.05)	4.02	(0.59)	0.00	0.00	0.00	(0.06)	(0.06)	(0.05)	(0.03)	(0.04)	(0.03)	0.09
1947	Dry	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01	0.01	0.06	0.01	0.02	0.18	0.02
1948	Below Normal	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.03)	0.00	0.02	0.00	(0.02)	0.00
1949	Dry	(0.02)	(0.01)	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.01	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.15	0.00	(0.01)	0.01
1951	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.10	5.07	(4.89)	0.03	0.00	0.00	(0.01)	0.00	0.00	0.01	0.00	0.00	0.03
1954	Above Normal	0.00	(0.48)	0.00	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	(0.04)	0.12	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.05)	(0.23)	(0.02)
1956	Wet	(0.02)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.31	0.00	(0.33)	0.00	0.00	0.02	0.02	0.00	0.00	0.03	0.00	0.00
1960	Dry	(0.02)	0.01	0.01	0.00	0.00	0.00	(0.01)	0.00	0.01	0.00	0.00	0.01	0.00
1961	Dry	(0.01)	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	0.00
1962	Below Normal	0.00	0.00	0.00	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	(0.14)	(0.01)
1964	Dry	0.08	0.07	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.01
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.09)	(0.06)	(0.06)	(0.03)	(0.03)
1966	Below Normal	0.06	(0.61)	0.00	0.00	0.00	0.82	0.00	0.03	0.04	0.00	0.10	(0.25)	0.02
1967	Wet	(0.10)	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.05
1968	Below Normal	(0.51)	4.67	0.00	0.00	(4.43)	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.02)
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	(0.08)	0.00
1970	Wet	(0.20)	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.01	(0.01)
1971	Wet	0.02	(0.07)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.01	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.01	3.76	0.31
1974	Wet	(2.92)	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.24)
1975	Wet	0.00	(0.45)	0.00	0.00	0.00	(0.04)	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.04)
1976	Critical	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	(0.14)	0.00	0.02
1977	Critical	(0.14)	(0.02)	(0.04)	0.02	(0.02)	0.00	0.00	0.01	(0.02)	(0.01)	(0.01)	(0.01)	(0.02)
1978	Above Normal	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1979	Below Normal	0.00	2.14	0.14	0.00	0.00	0.00	0.00	(0.07)	(0.09)	(0.25)	(0.09)	1.49	0.27
1980	Above Normal	(1.40)	(0.50)	0.00	0.00	0.00	0.00	(0.02)	(0.04)	(0.04)	(0.05)	(2.88)	6.17	0.10
1981	Dry	0.46	(6.29)	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	(0.50)	(0.27)	(0.55)
1982	Wet	0.00	2.31	0.00	(0.04)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.19
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.32)	(0.03)
1987	Dry	(0.02)	1.79	0.00	0.00	0.00	0.00	(0.01)	(0.05)	0.00	0.00	(0.21)	(0.04)	0.12
1988	Critical	0.01	0.00	0.00	0.00	(0.25)	(0.01)	0.00	0.00	(0.01)	(0.20)	(0.04)	0.00	(0.04)
1989	Dry	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	(0.02)	0.00	(0.02)	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00
1991	Critical	0.01	0.01	0.00	0.03	0.00	0.00	0.00	0.00	0.00	(0.27)	(0.01)	0.00	(0.02)
1992	Critical	0.00	0.02	0.00	0.00	0.00	0.00	0.01	0.04	0.04	(0.04)	0.01	(0.02)	0.01
1993	Above Normal	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00
1994	Critical	0.00	(0.07)	0.00	0.00	0.00	0.00	0.01	(0.02)	(0.02)	(0.01)	0.02	0.03	0.00
1995	Wet	0.02	0.00	0.00	(0.08)	0.00	0.00	0.00	0.00	0.00	(0.18)	0.00	0.00	(0.02)
1996	Wet	0.00	4.79	(0.67)	(0.81)	0.20	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.29
1997	Wet	(0.52)	(0.10)	(0.04)	0.00	0.00	0.00	0.01	0.00	0.00	(0.99)	(0.05)	0.21	(0.12)
1998	Wet	0.82	(3.00)	0.00	3.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00
2000	Above Normal	0.32	(0.15)	0.05	(0.23)	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
2001	Dry	(0.02)	0.00	0.19	0.00	0.00	0.00	0.00	0.01	0.00	0.00	(0.21)	0.00	0.00
2002	Dry	(0.05)	0.00	0.00	0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.38	0.03	(0.41)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.00
	Average	(0.07)	0.27	(0.13)	0.03	(0.07)	0.01	(0.03)	(0.05)	(0.08)	0.00	(0.07)	0.12	(0.01)
	Wet	(0.11)	0.34	(0.29)	0.09	(0.01)	(0.00)	0.00	(0.00)	(0.00)	(0.05)	0.00	(0.00)	(0.00)
	Above Normal	0.08	(0.08)	(0.03)	0.02	0.01	(0.01)	(0.00)	0.01	0.00	(0.00)	(0.22)	1.01	0.06
	Below Normal	(0.36)	0.97	(0.03)	(0.02)	(0.38)	0.06	(0.16)	(0.35)	(0.34)	(0.02)	(0.29)	(0.23)	(0.10)
	Dry	0.00	0.04	(0.04)	0.00	(0.00)	0.00	(0.01)	0.13	(0.06)	0.16	(0.32)	(0.13)	(0.02)
	Critical	0.09	(0.03)	(0.13)	0.00	(0.02)	0.01	0.02	(0.10)	(0.04)	(0.08)	0.54	0.27	0.05

Percent Difference in Energy generated (GWh) at Keswick Dam: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	3%	10%	0%	0%	-6%	0%	0%	-5%	-4%	0%	-4%	-9%
1924	Critical	-8%	-9%	-10%	0%	0%	0%	0%	0%	2%	2%	3%	3%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	8%	-2%	5%	-7%	-9%
1927	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1933	Critical	0%	0%	0%	0%	0%	0%	1%	-4%	-4%	-3%	7%	-3%
1934	Critical	17%	13%	6%	0%	0%	0%	0%	0%	0%	0%	0%	17%
1935	Below Normal	-23%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1939	Dry	-1%	12%	-4%	0%	0%	0%	-1%	0%	0%	0%	-2%	0%
1940	Above Normal	7%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%
1941	Wet	0%	1%	-6%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1944	Dry	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	-9%	-9%	-5%	0%	-5%	-7%
1946	Below Normal	-8%	22%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	13%	-20%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	-1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-2%	0%	0%	0%	2%	0%	0%	0%	0%	0%	-1%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1968	Below Normal	-1%	15%	0%	0%	-8%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	13%
1974	Wet	-11%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1978	Above Normal	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	7%	1%	0%	0%	0%	0%	0%	0%	0%	0%	6%
1980	Above Normal	-7%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	-6%	25%
1981	Dry	2%	-17%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1982	Wet	0%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1987	Dry	0%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	14%	-3%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%
1998	Wet	2%	-7%	0%	7%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	1%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%
	Below Normal	-2%	4%	0%	0%	-1%	0%	-1%	-1%	-1%	0%	-1%	-1%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
	Critical	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%

Energy generated (GWh) at Lewiston Dam: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Energy generated (GWh) at Lewiston Dam: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Difference in Energy generated (GWh) at Lewiston Dam: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Percent Difference in Energy generated (GWh) at Lewiston Dam: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Energy generated (GWh) at New Melones Dam: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	36.36	12.64	9.71	10.09	0.00	47.81	73.39	88.32	82.38	69.41	63.55	41.18	534.84
1923	Below Normal	37.01	11.13	4.84	18.83	30.52	68.47	69.30	92.53	81.91	68.33	62.44	35.16	580.47
1924	Critical	32.94	14.78	10.54	10.91	19.90	32.77	55.24	52.97	37.66	37.05	35.02	22.58	362.36
1925	Dry	20.27	8.30	8.06	8.84	1.36	14.60	62.16	70.24	56.59	59.72	55.09	34.79	400.02
1926	Dry	35.68	13.61	9.94	10.41	9.55	26.58	47.76	62.70	49.63	49.23	45.96	29.72	390.77
1927	Wet	27.91	6.70	8.22	8.02	1.53	15.80	65.71	83.03	75.85	58.12	53.64	34.16	438.69
1928	Above Normal	22.37	9.10	9.34	10.24	8.47	10.86	75.71	83.62	54.43	54.91	51.18	32.94	423.17
1929	Critical	33.77	9.08	9.03	9.49	10.49	19.91	51.26	59.84	36.45	43.25	41.52	26.63	350.72
1930	Dry	28.09	13.67	10.74	7.60	10.06	13.72	55.95	56.81	43.39	43.62	40.56	26.01	350.22
1931	Critical	22.50	6.88	9.47	7.09	12.55	20.41	52.58	50.12	32.06	34.01	31.13	19.72	298.52
1932	Dry	21.66	6.34	3.93	5.54	2.55	15.54	37.56	41.64	41.34	44.06	42.07	27.10	289.33
1933	Critical	24.71	12.44	9.94	7.04	11.38	16.61	45.15	44.74	38.37	39.48	36.66	23.43	309.95
1934	Critical	18.94	10.51	5.34	5.59	6.24	15.51	49.28	47.78	28.21	30.01	17.68	8.35	243.44
1935	Below Normal	4.83	5.22	7.22	7.63	5.72	5.64	16.53	39.48	38.81	41.43	39.52	25.42	237.45
1936	Below Normal	15.21	7.97	7.10	5.21	0.00	11.39	41.32	51.28	42.12	46.80	45.33	28.00	301.73
1937	Below Normal	23.75	14.08	8.09	7.68	0.00	3.54	39.16	58.77	53.22	49.36	47.59	30.80	336.04
1938	Wet	27.82	9.26	6.99	8.23	0.00	41.77	78.05	98.36	88.41	74.51	68.00	64.26	565.66
1939	Dry	33.99	20.07	14.11	15.26	13.65	17.36	92.58	86.36	59.78	60.68	55.83	29.23	498.90
1940	Above Normal	36.01	17.07	10.54	6.54	5.40	45.10	68.66	93.60	81.01	66.61	60.86	39.35	530.75
1941	Wet	37.19	17.39	9.13	9.05	6.15	46.31	58.06	88.89	81.45	68.00	62.19	40.31	524.12
1942	Wet	35.36	15.61	9.59	4.79	6.99	53.42	56.60	81.39	83.63	71.51	65.33	42.12	526.34
1943	Wet	40.16	10.72	14.71	77.24	57.08	99.42	82.26	103.54	88.51	73.47	66.66	44.20	757.97
1944	Dry	40.20	18.66	14.04	14.85	12.68	20.04	77.48	88.50	59.35	59.97	55.91	35.54	497.22
1945	Below Normal	25.83	9.50	9.78	10.56	3.92	46.63	79.51	90.73	77.93	65.33	59.76	37.08	516.56
1946	Below Normal	24.74	10.27	6.83	9.64	9.93	14.70	82.01	85.67	70.29	65.08	59.61	37.35	476.12
1947	Dry	33.28	13.61	10.13	10.71	12.90	37.89	82.01	75.60	43.93	45.99	42.73	27.66	436.44
1948	Below Normal	21.19	8.35	8.47	9.21	20.84	15.57	47.95	53.30	45.40	48.69	46.91	30.31	356.19
1949	Dry	22.50	14.19	8.23	8.71	13.79	15.82	60.46	58.78	43.53	46.85	43.98	28.50	365.34
1950	Below Normal	29.26	13.75	8.10	5.86	4.99	15.96	55.91	62.16	45.40	48.64	46.34	25.90	362.27
1951	Above Normal	18.08	2.57	0.95	3.94	6.82	56.75	82.41	98.25	80.40	66.49	60.77	39.55	516.98
1952	Wet	33.60	10.89	7.12	0.55	7.97	54.41	80.51	102.94	89.20	99.03	106.42	77.64	670.28
1953	Wet	44.21	14.35	13.06	24.48	28.56	67.88	87.48	91.39	75.84	65.36	59.15	39.26	611.02
1954	Above Normal	36.74	15.66	10.55	10.53	16.31	23.36	92.21	83.31	55.12	57.34	52.71	34.19	488.03
1955	Dry	37.88	10.20	8.84	7.33	13.18	22.11	43.71	64.48	49.38	51.20	46.75	28.69	383.75
1956	Wet	29.95	8.32	0.00	0.00	7.11	64.43	78.00	87.42	81.19	67.23	61.62	37.45	522.72
1957	Above Normal	36.20	18.21	10.89	11.17	11.78	25.38	87.18	77.61	61.07	62.70	58.08	35.64	495.91
1958	Wet	25.00	16.56	10.40	8.95	3.14	42.00	40.32	81.46	83.23	71.40	65.08	59.09	506.63
1959	Below Normal	43.09	18.50	11.25	11.24	30.79	25.18	92.20	91.09	59.44	61.55	55.91	21.83	522.07
1960	Dry	36.42	16.58	10.37	10.45	8.84	29.68	57.55	60.75	43.28	44.52	42.23	26.90	387.57
1961	Dry	25.97	7.52	7.45	8.04	13.56	19.83	46.93	47.87	38.10	39.13	36.40	23.41	314.21
1962	Below Normal	26.31	7.59	7.71	7.98	1.61	13.45	47.59	55.83	43.80	45.13	43.33	27.87	328.20
1963	Wet	22.83	10.89	7.61	7.26	9.29	15.10	31.82	65.18	46.13	48.22	46.57	29.23	340.13
1964	Dry	17.39	7.46	8.16	7.28	14.09	30.51	60.87	60.52	41.93	45.80	42.86	27.63	364.50
1965	Wet	18.34	7.35	10.17	1.73	7.88	21.14	67.32	87.86	81.72	61.33	51.82	36.58	453.24
1966	Below Normal	38.02	10.19	9.23	9.45	8.73	22.58	57.78	68.97	47.97	50.54	47.18	30.53	401.17
1967	Wet	30.82	8.31	6.15	3.59	27.07	49.01	51.38	86.10	77.07	70.03	64.29	41.61	515.43
1968	Below Normal	40.33	11.36	11.01	10.99	11.30	14.16	87.26	90.54	60.55	62.48	54.66	36.39	491.03
1969	Wet	30.65	10.67	9.20	0.00	0.00	59.62	84.84	119.28	140.05	113.34	101.95	70.20	739.80
1970	Wet	35.73	14.35	33.00	135.12	66.73	57.20	85.81	97.28	80.11	66.36	60.81	39.58	772.08
1971	Wet	36.54	10.09	5.89	9.23	10.31	60.33	82.03	90.06	78.58	64.72	59.40	38.42	545.60
1972	Below Normal	34.88	11.84	8.74	10.46	14.39	37.69	81.06	78.06	47.07	48.66	44.96	27.88	445.69
1973	Above Normal	27.75	8.58	8.33	2.73	1.00	7.56	70.46	87.82	67.58	60.27	55.57	35.52	433.17
1974	Wet	22.32	7.81	7.10	7.30	9.81	48.62	66.98	93.74	80.76	63.26	63.28	40.92	511.90
1975	Wet	30.20	14.00	10.96	11.15	8.43	45.43	76.16	98.74	82.30	68.54	57.47	40.76	544.14
1976	Critical	27.81	15.40	10.88	11.26	15.80	41.87	76.38	74.93	43.39	44.15	36.87	24.78	423.52
1977	Critical	24.48	8.71	8.00	8.51	19.14	34.89	41.98	37.70	29.28	30.26	29.43	17.83	290.21
1978	Above Normal	23.71	8.11	7.60	2.82	4.05	9.45	47.88	73.56	48.92	49.34	47.78	25.91	349.13
1979	Below Normal	34.81	8.47	8.52	7.10	3.18	11.18	73.20	89.88	80.60	57.13	53.91	34.57	462.55
1980	Above Normal	27.62	9.86	10.33	4.09	2.74	52.91	78.87	93.75	82.27	63.76	62.93	40.85	529.98
1981	Dry	41.97	18.54	11.09	9.76	10.53	12.79	80.83	89.15	59.18	59.07	55.04	35.29	483.24
1982	Wet	26.87	9.43	7.95	1.57	52.46	94.48	81.67	104.44	89.47	103.29	107.86	92.84	772.33
1983	Wet	53.82	72.74	83.35	113.10	123.44	161.68	71.22	94.64	198.09	197.32	127.20	93.29	1,389.89
1984	Wet	41.05	94.36	137.80	72.52	62.34	63.15	89.29	97.22	79.86	65.62	60.34	39.44	902.99
1985	Dry	25.30	9.99	10.37	11.17	9.19	18.07	80.88	88.97	56.58	61.60	53.95	33.88	459.95
1986	Wet	29.77	9.68	9.67	9.64	0.00	120.43	83.84	101.79	88.16	73.15	66.20	41.87	634.20
1987	Dry	35.72	20.59	13.86	14.97	13.48	11.43	80.64	81.53	49.70	50.15	46.70	30.03	448.80
1988	Critical	26.25	9.16	8.36	8.56	15.24	26.33	45.72	52.67	37.18	38.26	37.13	23.40	328.26
1989	Dry	28.25	7.81	7.81	8.23	14.24	16.39	48.95	55.14	41.04	42.70	40.46	18.28	329.30
1990	Critical	16.95	8.77	7.04	7.13	11.12	26.74	47.37	38.73	35.80	35.05	33.43	21.15	289.28
1991	Critical	14.98	10.62	6.60	6.92	13.78	6.21	34.49	42.99	31.15	31.64	22.49	12.82	234.69
1992	Critical	8.46	5.78	6.05	5.29	3.18	6.42	30.80	21.65	9.95	11.84	10.19	9.47	129.08
1993	Above Normal	5.23	3.77	9.73	6.60	3.44	6.03	31.23	40.24	38.58	43.44	41.76	26.84	256.89
1994	Critical	21.74	7.22	7.38	8.83	8.39	29.48	40.92	39.24	37.52	37.85	34.67	21.54	294.78
1995	Wet	19.32	6.41	6.43	0.00	10.45	0.00	55.12	65.44	53.53	60.30	57.20	36.65	370.85
1996	Wet	39.04	17.13	10.23	7.19	4.92	53.09	76.35	78.06	83.30	70.43	64.05	41.38	545.17
1997	Wet	29.95	10.86	51.62	220.99	160.91	70.50	93.65	96.04	79.14	65.33	59.72	39.18	977.89
1998	Wet	39.61	11.06	10.64	5.08	0.00	54.19	80.28	70.54	86.45	131.47	123.73	94.23	707.28
1999	Wet	41.30	17.92	26.37	47.12	86.93	57.60	82.02	95.15	95.00	68.34	61.77	39.95	719.47
2000	Above Normal	41.42	17.07	11.11	8.38	1.22	54.86	73.22	78.98	73.77	68.87	61.28	39.67	529.85
2001	Dry	23.42	12.24	10.95	8.26	1.32	8.83	70.11	82.79	53.09	55.30	50.33	31.42	408.06
2002	Dry	33.82	8.93	9.08	9.42	15.61	18.72	56.59	66.41	51.09	49.45	45.58	29.47	394.17
2003	Above Normal	29.77	8.09	7.07	7.29	17.53	18.12	48.09	63.56	64.88	48.97	44.32	29.36	387.05
	Average	29.33	13.04	12.34	15.65	16.12	34.25	64.65	74.79	62.56	58.94	53.89	35.37	470.92
	Wet	32.67	17.03	19.74	30.53	29.21	58.35	72.57	90.77	87.19	78.45	70.84	49.79	637.15
	Above Normal	28.44	10.89	8.85	7.04	6.56	29.85	69.11	80.22	65.87	59.34	55.07	35.08	456.31
	Below Normal	28.52	10.59	8.35	9.42	10.42	21.87	62.20	72.02	56.75	54.23	50.53	30.65	415.54
	Dry	30.10	12.68	9.84	9.82	10.59	19.44	63.50	68.79	48.94	50.50	46.80	29.09	400.10
	Critical	22.79	9.95	8.22	8.05	12.27	23.10	47.60	46.95	33.09	34.40	30.52	19.31	296.23

Energy generated (GWh) at New Melones Dam: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	36.36	12.64	9.71	10.09	0.00	47.81	73.39	88.32	82.38	69.41	63.55	41.18	534.84
1923	Below Normal	37.01	11.13	4.84	18.83	30.52	68.47	69.30	92.53	81.91	68.33	62.44	35.16	580.47
1924	Critical	32.94	14.78	10.54	10.91	19.90	32.77	55.24	52.97	37.66	37.05	35.02	22.58	362.36
1925	Dry	20.27	8.30	8.06	8.84	1.36	14.60	62.16	70.24	56.58	59.70	55.09	34.79	399.99
1926	Dry	35.68	13.61	9.94	10.41	9.56	26.58	47.76	62.71	49.64	49.24	45.96	29.72	390.81
1927	Wet	27.91	6.69	8.22	8.02	1.53	15.80	65.71	83.03	75.86	58.11	53.64	34.16	438.68
1928	Above Normal	22.37	9.10	9.34	10.24	8.47	10.86	75.71	83.61	54.43	54.91	51.18	32.94	423.16
1929	Critical	33.77	9.08	9.03	9.49	10.49	19.91	51.26	59.84	36.45	43.25	41.52	26.63	350.72
1930	Dry	28.09	13.67	10.74	7.60	10.06	13.72	55.95	56.81	43.39	43.62	40.56	26.01	350.22
1931	Critical	22.50	6.88	9.47	7.09	12.55	20.41	52.58	50.12	32.06	34.01	31.13	19.72	298.52
1932	Dry	21.66	6.34	3.93	5.54	2.55	15.54	37.56	41.64	41.34	44.06	42.07	27.10	289.33
1933	Critical	24.71	12.44	9.94	7.04	11.38	16.61	45.15	44.74	38.37	39.48	36.66	23.43	309.95
1934	Critical	18.94	10.51	5.34	5.59	6.24	15.51	49.28	47.78	28.20	30.01	17.68	8.35	243.43
1935	Below Normal	4.83	5.22	7.22	7.63	5.72	5.64	16.53	39.48	38.81	41.43	39.52	25.42	237.45
1936	Below Normal	15.21	7.97	7.10	5.21	0.00	11.39	41.32	51.28	42.12	46.80	45.33	28.00	301.73
1937	Below Normal	23.75	14.08	8.09	7.68	0.00	3.54	39.16	59.34	53.21	49.35	47.58	30.79	336.57
1938	Wet	27.82	9.25	6.99	8.23	0.00	41.77	78.03	98.35	88.40	74.50	67.99	63.62	564.95
1939	Dry	33.99	20.07	14.11	15.26	13.65	17.36	92.58	86.36	59.77	60.66	55.83	29.23	498.87
1940	Above Normal	36.01	17.07	10.54	6.54	5.40	45.10	68.66	93.60	81.01	66.61	60.86	39.35	530.75
1941	Wet	37.19	17.39	9.13	9.05	6.15	46.31	58.06	88.89	81.46	68.00	62.19	40.31	524.13
1942	Wet	35.36	15.61	9.59	4.79	6.99	53.42	56.61	81.39	83.63	71.51	65.33	42.12	526.35
1943	Wet	40.16	10.72	14.74	77.24	57.08	99.42	82.26	103.54	88.51	73.47	66.66	44.20	758.00
1944	Dry	40.20	18.66	14.04	14.85	12.68	20.04	77.48	88.50	59.35	59.97	55.91	35.54	497.22
1945	Below Normal	25.83	9.50	9.78	10.56	3.92	46.63	79.51	90.73	77.93	65.33	59.76	37.08	516.56
1946	Below Normal	24.74	10.27	6.83	9.64	9.93	14.70	82.01	85.67	70.31	65.08	59.61	37.35	476.14
1947	Dry	33.28	13.61	10.13	10.71	12.90	37.89	82.01	75.60	43.93	45.99	42.73	27.66	436.44
1948	Below Normal	21.19	8.35	8.47	9.21	20.84	15.57	47.95	53.30	45.40	48.69	46.91	30.31	356.19
1949	Dry	22.50	14.19	8.23	8.71	13.79	15.82	60.46	58.78	43.53	46.85	43.98	28.50	365.34
1950	Below Normal	29.26	13.75	8.10	5.86	4.99	15.96	55.91	62.16	45.40	48.64	46.34	25.90	362.27
1951	Above Normal	18.08	2.57	0.95	3.94	6.82	56.75	82.41	98.25	80.40	66.49	60.77	39.55	516.98
1952	Wet	33.60	10.89	7.12	0.55	7.97	54.41	80.51	102.94	89.20	99.02	106.42	77.64	670.27
1953	Wet	44.21	14.35	13.06	24.48	28.56	67.88	87.48	91.38	75.84	65.36	59.15	39.26	611.01
1954	Above Normal	36.74	15.66	10.55	10.53	16.31	23.36	92.21	83.31	55.12	57.34	52.71	34.19	488.03
1955	Dry	37.88	10.20	8.84	7.33	13.18	22.11	43.71	64.48	49.38	51.20	46.75	28.69	383.75
1956	Wet	29.95	8.32	0.00	0.00	7.11	64.43	78.00	87.42	81.19	67.23	61.62	37.45	522.72
1957	Above Normal	36.20	18.21	10.89	11.17	11.78	25.38	87.18	77.61	61.07	62.70	58.08	35.64	495.91
1958	Wet	25.00	16.56	10.40	8.95	3.14	42.00	40.32	81.51	83.23	71.40	65.08	59.04	506.63
1959	Below Normal	43.09	18.50	11.25	11.24	30.79	25.18	92.20	91.09	59.44	61.55	55.91	21.83	522.07
1960	Dry	36.42	16.58	10.37	10.45	8.84	29.68	57.55	60.75	43.28	44.52	42.23	26.90	387.57
1961	Dry	25.97	7.52	7.45	8.04	13.56	19.83	46.93	47.87	38.10	39.13	36.40	23.41	314.21
1962	Below Normal	26.31	7.59	7.71	7.98	1.61	13.45	47.59	55.83	43.80	45.13	43.33	27.87	328.20
1963	Wet	22.83	10.89	7.61	7.26	9.29	15.10	31.82	65.18	46.13	48.22	46.57	29.23	340.13
1964	Dry	17.39	7.46	8.16	7.28	14.09	30.51	60.87	60.52	41.93	45.80	42.86	27.63	364.50
1965	Wet	18.34	7.35	10.17	1.73	7.88	21.14	67.32	87.87	81.71	61.33	51.82	36.58	453.24
1966	Below Normal	38.02	10.19	9.23	9.45	8.73	22.58	57.78	68.97	47.96	50.54	47.18	30.53	401.16
1967	Wet	30.82	8.31	6.15	3.59	27.07	49.01	51.38	86.15	77.07	70.03	64.28	41.61	515.47
1968	Below Normal	40.33	11.36	11.01	10.99	11.30	14.16	87.26	90.54	60.55	62.48	54.66	36.38	491.02
1969	Wet	30.65	10.67	9.20	0.00	0.00	59.62	84.84	119.28	140.01	113.34	101.95	70.20	739.76
1970	Wet	35.73	14.35	33.00	135.12	66.73	57.20	85.81	97.28	80.11	66.36	60.81	39.58	772.08
1971	Wet	36.54	10.09	5.89	9.23	10.31	60.33	82.03	90.06	78.58	64.72	59.40	38.42	545.60
1972	Below Normal	34.88	11.84	8.74	10.46	14.39	37.69	81.06	78.06	47.07	48.66	44.96	27.88	445.69
1973	Above Normal	27.75	8.58	8.33	2.73	1.00	7.56	70.46	87.82	67.58	60.27	55.57	35.52	433.17
1974	Wet	22.32	7.81	7.10	7.30	9.81	48.62	66.98	93.74	80.76	63.26	63.28	40.92	511.90
1975	Wet	30.20	14.00	10.96	11.15	8.43	45.43	76.16	98.74	82.30	68.54	57.47	40.76	544.14
1976	Critical	27.81	15.40	10.88	11.26	15.80	41.87	76.38	74.93	43.39	44.15	36.87	24.78	423.52
1977	Critical	24.48	8.71	8.00	8.51	19.14	34.89	41.98	37.70	29.28	30.26	29.43	17.83	290.21
1978	Above Normal	23.71	8.11	7.60	2.82	4.05	9.45	47.88	73.56	48.92	49.34	47.78	25.91	349.13
1979	Below Normal	34.81	8.47	8.52	7.10	3.18	11.18	73.20	89.88	80.60	57.13	53.91	34.57	462.55
1980	Above Normal	27.62	9.86	10.33	4.09	2.74	52.91	78.87	93.74	82.27	63.76	62.93	40.85	529.97
1981	Dry	41.97	18.54	11.09	9.76	10.53	12.79	80.83	89.15	59.18	59.06	55.04	35.29	483.23
1982	Wet	26.87	9.43	7.95	1.57	52.47	94.48	81.67	104.44	89.47	103.29	107.86	92.84	772.34
1983	Wet	53.82	72.74	83.35	113.10	123.44	161.68	71.22	94.64	198.09	197.32	127.20	93.29	1,389.89
1984	Wet	41.05	94.36	137.80	72.52	62.34	63.15	89.29	97.22	79.86	65.62	60.34	39.44	902.99
1985	Dry	25.30	9.99	10.37	11.17	9.19	18.07	80.88	88.97	56.58	61.60	53.95	33.88	459.95
1986	Wet	29.77	9.68	9.67	9.64	0.00	120.43	83.84	101.79	88.16	73.15	66.20	41.87	634.20
1987	Dry	35.72	20.59	13.86	14.97	13.48	11.43	80.64	81.53	49.70	50.14	46.70	30.03	448.79
1988	Critical	26.25	9.16	8.36	8.56	15.24	26.33	45.72	52.67	37.18	38.26	37.13	23.40	328.26
1989	Dry	28.25	7.81	7.81	8.23	14.24	16.39	48.95	55.14	41.04	42.70	40.46	18.28	329.30
1990	Critical	16.95	8.77	7.04	7.13	11.12	26.74	47.37	38.73	35.80	35.05	33.43	21.15	289.28
1991	Critical	14.98	10.62	6.60	6.92	13.78	6.21	34.49	42.99	31.15	31.64	22.49	12.82	234.69
1992	Critical	8.46	5.78	6.05	5.29	3.18	6.42	30.80	21.65	9.95	11.84	10.19	9.47	129.08
1993	Above Normal	5.23	3.77	9.73	6.60	3.44	6.03	31.23	40.24	38.58	43.44	41.76	26.84	256.89
1994	Critical	21.74	7.22	7.38	8.83	8.39	29.48	40.92	39.24	37.53	37.85	34.67	21.54	294.79
1995	Wet	19.32	6.41	6.43	0.00	10.45	0.00	55.12	65.44	53.53	60.30	57.20	36.65	370.85
1996	Wet	39.04	17.13	10.23	7.19	4.92	53.09	76.35	78.06	83.30	70.43	64.05	41.38	545.17
1997	Wet	29.95	10.86	51.62	220.99	160.91	70.50	93.65	96.04	79.14	65.33	59.72	39.18	977.89
1998	Wet	39.61	11.06	10.64	5.08	0.00	54.19	80.28	70.54	86.45	131.47	123.73	94.23	707.28
1999	Wet	41.30	17.92	26.37	47.12	86.93	57.60	82.02	95.15	95.00	68.34	61.77	39.95	719.47
2000	Above Normal	41.42	17.07	11.11	8.38	1.22	54.86	73.22	78.98	73.77	68.87	61.28	39.67	529.85
2001	Dry	23.42	12.24	10.95	8.26	1.32	8.83	70.11	82.79	53.09	55.30	50.33	31.42	408.06
2002	Dry	33.82	8.93	9.08	9.42	15.61	18.72	56.59	66.41	51.09	49.45	45.58	29.47	394.17
2003	Above Normal	29.77	8.09	7.07	7.29	17.53	18.12	48.09	63.56	64.88	48.97	44.32	29.36	387.05
	Average	29.33	13.04	12.34	15.65	16.12	34.25	64.65	74.79	62.56	58.94	53.89	35.36	470.92
	Wet	32.67	17.03	19.75	30.53	29.21	58.35	72.57	90.77	87.19	78.45	70.84	49.77	637.12
	Above Normal	28.44	10.89	8.85	7.04	6.56	29.85	69.11	80.22	65.87	59.34	55.07	35.08	456.31
	Below Normal	28.52	10.59	8.35	9.42	10.42	21.87	62.20	72.06	56.75	54.22	50.53	30.65	415.58
	Dry	30.10	12.68	9.84	9.82	10.59	19.44	63.50	68.79	48.94	50.50	46.80	29.09	400.10
	Critical	22.79	9.95	8.22	8.05	12.27	23.10	47.60	46.95	33.09	34.40	30.52	19.31	296.23

Difference in Energy generated (GWh) at New Melones Dam: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00
1927	Wet	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57	(0.01)	(0.01)	(0.01)	(0.01)	0.04
1938	Wet	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.64)	(0.06)
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	0.00	0.00	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	(0.05)	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	(0.01)	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	(0.00)	0.00	0.00	0.00	0.00	(0.00)	0.01	(0.00)	(0.00)	(0.00)	(0.01)	(0.00)
	Wet	0.00	(0.00)	0.00	0.00	0.00	0.00	(0.00)	0.00	(0.00)	(0.00)	(0.00)	(0.03)	(0.00)
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	(0.00)	(0.00)	(0.00)	0.00
	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	0.00	0.00	0.00
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	0.00

Percent Difference in Energy generated (GWh) at New Melones Dam: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Energy generated (GWh) at Nimbus Dam: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	3.19	4.88	4.26	3.62	9.64	7.12	8.94	11.54	11.17	5.79	8.26	10.24	88.65
1923	Below Normal	3.72	5.41	11.90	9.57	8.56	3.94	6.33	9.47	5.87	10.58	3.73	8.18	87.26
1924	Critical	5.24	3.96	4.26	3.62	2.88	1.71	1.65	1.71	1.59	1.64	1.64	1.58	31.48
1925	Dry	1.69	1.65	1.71	1.71	10.75	4.53	9.79	9.44	7.83	10.58	6.60	3.36	69.64
1926	Dry	3.19	3.96	4.26	3.62	5.58	2.21	6.43	3.57	6.29	6.40	4.49	2.13	52.13
1927	Wet	3.19	3.22	3.38	7.55	9.67	9.78	11.39	9.89	10.91	9.94	3.73	10.24	92.89
1928	Above Normal	3.54	8.28	4.26	3.73	3.49	11.00	9.77	3.73	6.04	10.58	5.24	5.11	74.77
1929	Critical	3.19	3.44	3.66	3.11	2.40	2.68	2.61	3.10	3.61	3.73	3.73	3.16	38.42
1930	Dry	2.34	2.24	2.34	2.36	2.13	5.59	3.61	3.73	5.79	9.34	4.73	3.16	47.36
1931	Critical	3.19	3.47	3.73	3.17	2.43	2.20	2.13	2.20	2.18	2.76	2.56	3.75	33.77
1932	Dry	3.23	1.85	1.69	1.69	4.93	4.66	3.61	7.25	10.14	7.20	8.03	7.17	61.45
1933	Critical	4.01	5.16	4.26	3.62	2.78	3.11	3.19	3.08	6.40	7.70	5.61	3.14	52.06
1934	Critical	3.54	3.37	2.16	1.84	1.54	1.71	4.19	5.35	7.56	1.68	4.45	3.27	40.66
1935	Below Normal	1.95	1.59	1.68	1.69	1.55	3.73	11.52	8.75	8.90	10.58	3.73	7.43	63.10
1936	Below Normal	6.10	3.96	4.26	10.84	10.01	8.94	10.95	8.40	9.80	10.58	3.73	10.24	97.81
1937	Below Normal	3.19	3.96	4.26	3.62	6.33	9.32	8.78	8.28	4.54	10.58	5.22	5.60	73.68
1938	Wet	3.19	5.73	11.87	5.93	10.37	11.24	11.37	11.51	11.24	7.65	8.91	9.87	108.88
1939	Dry	3.19	4.67	4.26	3.62	2.78	1.79	3.28	3.02	3.53	6.00	2.69	1.80	40.63
1940	Above Normal	2.81	2.72	2.81	6.55	10.59	11.34	11.52	6.61	3.92	10.58	4.69	10.24	84.38
1941	Wet	3.59	6.76	4.26	11.22	10.60	10.32	7.53	10.48	6.76	5.18	8.66	10.16	95.52
1942	Wet	3.73	6.34	9.05	11.57	10.32	5.18	11.52	11.88	11.43	6.92	8.99	10.24	107.17
1943	Wet	3.62	10.22	6.92	11.28	10.67	11.03	10.59	5.33	6.21	10.58	3.73	10.24	100.42
1944	Dry	5.73	5.61	4.26	3.62	2.88	3.08	2.98	3.08	4.66	7.73	6.13	3.96	53.72
1945	Below Normal	3.19	3.35	3.56	3.56	10.61	4.33	4.49	7.25	5.56	10.58	3.90	10.24	70.62
1946	Below Normal	3.95	5.62	11.63	10.87	4.91	6.45	7.30	7.62	4.08	10.58	5.59	7.95	86.55
1947	Dry	3.96	3.96	4.26	3.62	2.78	4.72	2.91	3.01	6.10	6.72	4.99	3.54	50.57
1948	Below Normal	3.19	3.16	3.29	2.80	2.23	3.73	3.61	7.25	10.58	7.08	6.49	8.32	61.73
1949	Dry	3.19	4.93	4.26	3.62	2.78	5.75	6.76	5.31	3.69	10.58	7.33	3.78	61.98
1950	Below Normal	3.19	3.96	4.26	5.58	10.60	6.65	9.48	8.43	8.24	10.58	3.73	7.92	82.62
1951	Above Normal	5.67	9.71	9.86	11.41	10.58	8.06	6.74	7.73	3.61	10.58	4.06	9.18	97.19
1952	Wet	3.19	5.45	9.61	11.60	10.77	11.90	11.27	11.18	10.98	9.21	9.95	9.15	114.26
1953	Wet	3.26	7.93	4.26	11.86	4.46	3.73	5.23	6.01	11.52	8.39	8.23	8.57	83.45
1954	Above Normal	4.48	6.17	4.26	3.62	5.75	9.44	8.81	3.73	3.61	10.58	3.73	4.64	68.82
1955	Dry	3.19	3.96	4.26	3.62	4.77	3.73	3.61	3.73	3.61	5.66	6.39	3.45	49.98
1956	Wet	3.19	3.90	9.91	10.15	11.13	4.22	6.01	11.86	11.52	6.49	9.02	9.62	97.02
1957	Above Normal	3.28	7.61	4.26	3.62	3.34	9.60	3.61	6.07	5.88	10.58	5.61	6.49	69.95
1958	Wet	3.19	3.96	4.31	6.07	10.31	11.87	11.02	11.44	11.39	6.39	9.18	8.69	97.82
1959	Below Normal	3.19	7.36	4.26	3.62	3.47	2.16	2.09	2.16	2.98	10.39	2.48	2.18	46.34
1960	Dry	3.19	3.29	3.46	2.94	2.36	7.11	3.93	3.69	3.61	3.84	5.92	3.70	47.04
1961	Dry	3.19	3.96	4.26	3.62	2.78	2.42	2.34	2.42	2.37	6.57	2.45	2.35	38.73
1962	Below Normal	1.93	1.86	1.94	1.69	5.28	4.29	7.91	3.76	4.09	10.58	5.97	4.95	54.25
1963	Wet	8.95	8.83	7.16	8.53	10.05	3.73	11.48	11.84	6.53	9.54	3.73	10.24	100.61
1964	Dry	4.00	7.49	4.80	5.00	3.39	3.73	3.61	3.73	3.61	7.41	6.35	4.48	57.60
1965	Wet	3.19	3.47	8.92	10.80	10.24	3.73	11.52	7.65	7.35	10.58	4.47	10.24	92.16
1966	Below Normal	6.06	4.47	4.26	3.73	3.36	2.44	2.72	2.44	2.40	9.73	3.31	2.40	47.32
1967	Wet	3.19	3.72	6.45	11.85	8.58	11.90	8.20	11.69	10.98	8.43	9.07	9.55	103.61
1968	Below Normal	3.19	7.29	4.40	3.62	11.09	4.32	3.03	3.13	3.07	9.84	3.17	3.07	59.22
1969	Wet	3.19	3.44	3.69	10.32	10.42	7.44	11.50	11.58	11.49	8.58	7.39	9.19	98.23
1970	Wet	3.19	4.66	11.71	8.81	10.75	5.39	3.61	3.73	3.61	10.58	3.85	10.24	80.13
1971	Wet	3.19	3.45	9.57	10.06	6.61	8.48	5.03	7.53	10.20	8.02	6.71	8.88	87.73
1972	Below Normal	3.19	6.97	4.29	4.18	6.12	8.77	3.61	3.73	4.39	10.05	4.51	3.16	62.97
1973	Above Normal	3.19	3.96	7.38	11.55	10.68	7.44	4.73	9.03	6.28	9.74	3.73	7.05	84.76
1974	Wet	3.19	11.45	11.81	11.10	8.38	11.59	11.50	10.04	8.57	6.94	9.11	8.85	112.53
1975	Wet	3.19	7.53	4.26	3.62	4.93	9.77	4.31	10.91	11.52	6.29	8.50	8.78	83.61
1976	Critical	3.19	9.40	4.26	3.62	2.88	1.81	1.75	1.81	1.86	2.36	1.91	1.85	36.70
1977	Critical	1.71	1.65	1.71	1.69	1.52	0.74	0.73	0.65	0.73	0.76	3.04	0.72	15.65
1978	Above Normal	0.99	0.99	1.09	5.18	9.34	11.90	8.61	8.91	9.14	10.42	3.73	8.14	78.44
1979	Below Normal	3.57	5.25	4.26	3.62	6.36	7.29	3.74	9.00	5.47	9.55	3.73	5.82	67.66
1980	Above Normal	3.19	4.95	4.78	9.58	10.06	7.87	6.02	6.20	6.59	6.22	10.58	8.40	84.44
1981	Dry	4.59	5.81	4.26	3.73	3.36	2.04	1.97	2.04	2.26	6.35	3.33	2.13	41.87
1982	Wet	3.19	10.88	10.63	11.73	9.14	11.76	10.12	11.55	11.52	6.62	8.99	9.53	115.66
1983	Wet	4.41	11.35	11.57	11.78	9.88	10.05	11.48	11.36	10.13	11.90	10.46	10.46	124.83
1984	Wet	3.53	9.96	10.09	11.90	10.66	6.43	4.21	5.60	4.83	10.58	3.73	10.24	91.76
1985	Dry	3.97	6.76	5.38	3.73	3.42	3.28	3.78	3.28	6.31	6.73	5.39	3.10	55.13
1986	Wet	3.19	4.53	3.73	6.62	5.26	11.05	5.79	5.71	7.59	10.58	6.74	8.34	79.13
1987	Dry	3.19	3.91	4.20	3.57	2.74	1.71	1.65	2.52	3.09	6.79	1.58	1.53	36.48
1988	Critical	1.58	1.59	1.69	1.71	2.63	1.88	1.65	1.71	2.53	2.40	1.71	1.65	22.73
1989	Dry	1.89	1.83	1.89	1.89	1.54	11.53	8.18	7.38	9.49	7.45	5.25	4.33	62.65
1990	Critical	3.19	3.47	3.73	3.17	2.43	2.69	2.61	2.69	3.46	3.89	3.38	2.75	37.46
1991	Critical	3.02	2.90	2.97	2.53	1.94	2.17	2.12	2.19	3.61	7.40	9.21	3.11	43.17
1992	Critical	1.68	1.62	1.68	1.68	1.58	0.64	2.89	3.37	3.81	10.49	0.86	0.72	31.02
1993	Above Normal	1.25	1.01	1.64	2.52	10.75	11.81	8.56	11.19	10.84	7.96	5.58	8.25	81.36
1994	Critical	3.19	7.49	4.26	3.62	2.78	2.92	2.83	2.92	3.08	3.89	3.08	2.92	42.98
1995	Wet	2.48	2.38	2.48	11.31	10.12	10.00	11.45	11.16	11.00	10.33	9.55	9.18	101.44
1996	Wet	5.84	5.42	5.13	11.73	9.94	11.89	9.79	11.71	6.74	7.70	6.08	9.64	101.61
1997	Wet	5.36	7.71	10.76	6.01	10.73	3.73	3.61	3.73	3.61	10.58	3.73	10.24	79.80
1998	Wet	4.80	3.37	3.60	9.50	9.81	11.90	10.93	11.90	10.85	8.84	9.32	9.39	104.21
1999	Wet	3.19	8.31	6.29	11.90	10.04	8.73	5.06	10.39	9.95	8.49	5.50	10.00	97.85
2000	Above Normal	3.69	6.56	4.26	5.33	10.41	8.66	5.03	4.62	4.06	10.58	3.97	5.32	72.49
2001	Dry	3.37	4.92	4.26	3.62	2.78	2.13	2.06	2.13	2.09	6.50	2.67	2.09	38.62
2002	Dry	2.42	1.65	2.82	7.43	6.72	6.91	4.27	3.73	3.61	10.58	5.31	3.21	58.66
2003	Above Normal	4.91	3.96	4.86	7.69	5.13	3.73	4.50	10.73	5.77	10.58	3.87	7.85	73.58
	Average	3.46	4.99	5.10	6.03	6.47	6.25	6.11	6.48	6.39	8.07	5.37	6.29	71.01
	Wet	3.75	6.31	7.36	9.80	9.38	8.72	8.67	9.53	9.17	8.67	7.21	9.61	98.17
	Above Normal	3.35	5.07	4.48	6.20	8.31	9.00	7.24	7.51	6.41	9.52	5.25	7.58	79.90
	Below Normal	3.54	4.59	4.88	4.93	6.46	5.45	6.11	6.41	5.71	10.09	4.24	6.25	68.65
	Dry	3.31	4.03	3.70	3.50	3.80	4.27	4.15	4.06	4.89	7.36	4.98	3.29	51.35
	Critical	3.06	3.96	3.20	2.78	2.32	2.02	2.36	2.57	3.37	4.06	3.43	2.39	35.51

Energy generated (GWh) at Nimbus Dam: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	3.19	4.88	4.26	3.62	9.64	7.12	8.94	11.54	11.17	5.79	8.26	10.24	88.65
1923	Below Normal	3.82	5.75	11.90	9.57	8.63	3.94	6.26	9.47	5.88	10.58	4.33	7.60	87.73
1924	Critical	6.81	3.96	4.26	3.62	2.88	1.71	1.65	1.71	1.22	1.26	1.25	1.20	31.53
1925	Dry	1.69	1.65	1.71	1.71	10.75	4.53	9.79	9.44	7.14	10.58	6.66	3.17	68.82
1926	Dry	3.19	4.48	4.26	3.62	5.86	2.22	6.42	2.56	6.95	6.34	4.28	3.23	53.41
1927	Wet	3.18	3.08	3.18	7.40	9.67	9.78	11.39	9.89	10.91	9.94	3.77	10.24	92.43
1928	Above Normal	3.60	8.19	4.26	3.73	3.49	11.00	9.77	3.73	6.05	10.58	5.18	5.09	74.67
1929	Critical	3.19	3.44	3.67	3.11	2.41	2.69	2.61	3.09	3.61	3.73	3.73	3.16	38.44
1930	Dry	2.37	2.27	2.36	2.38	2.15	5.54	3.61	3.73	5.79	9.31	4.55	3.16	47.22
1931	Critical	3.19	3.47	3.73	3.17	2.43	2.19	2.12	2.19	2.18	2.90	2.44	3.75	33.76
1932	Dry	3.23	1.84	1.69	1.69	5.12	4.66	3.61	7.26	10.14	7.20	6.99	9.22	62.65
1933	Critical	6.25	6.56	4.26	3.59	2.73	3.03	3.08	3.08	6.93	8.08	3.66	3.11	54.36
1934	Critical	2.47	3.41	1.69	1.69	1.54	1.71	4.19	5.36	7.56	1.68	4.47	1.66	37.43
1935	Below Normal	1.95	1.59	1.68	1.69	1.55	3.73	11.52	8.75	8.90	10.58	3.73	7.43	63.10
1936	Below Normal	6.08	3.96	4.26	10.87	10.01	8.94	10.95	8.40	9.80	10.58	3.73	10.24	97.82
1937	Below Normal	3.19	3.96	4.26	3.62	6.33	9.32	8.78	8.28	4.54	10.58	5.22	5.61	73.69
1938	Wet	3.19	5.73	11.87	5.93	10.37	11.24	11.37	11.51	11.24	7.16	9.03	10.17	108.81
1939	Dry	3.19	5.04	4.26	3.62	2.78	1.79	3.30	3.10	3.48	5.92	2.46	1.80	40.74
1940	Above Normal	2.79	2.70	2.79	6.56	10.59	11.34	11.52	6.61	3.92	10.58	5.35	10.24	84.99
1941	Wet	3.60	6.45	4.26	10.87	10.60	10.32	7.53	10.48	6.76	5.18	8.66	10.16	94.87
1942	Wet	3.71	6.36	9.05	11.57	10.32	5.18	11.52	11.88	11.43	6.92	8.99	10.24	107.17
1943	Wet	3.62	10.21	6.93	11.28	10.67	11.03	10.59	5.33	6.21	10.56	3.73	10.24	100.40
1944	Dry	5.54	6.05	4.26	3.62	2.88	3.08	2.98	3.08	4.67	7.66	6.07	3.94	53.83
1945	Below Normal	3.19	3.33	3.53	3.53	10.61	4.33	4.49	7.26	5.56	10.58	4.97	8.92	70.30
1946	Below Normal	3.86	5.84	11.62	10.87	4.91	6.45	7.30	7.62	4.08	10.58	5.60	8.08	86.81
1947	Dry	3.80	3.96	4.26	3.62	2.78	4.74	2.91	3.01	6.07	6.73	5.00	3.56	50.44
1948	Below Normal	3.19	3.16	3.29	2.80	2.23	3.73	3.61	7.25	10.58	7.08	6.49	8.32	61.73
1949	Dry	3.19	4.93	4.26	3.62	2.78	5.75	6.76	5.31	3.69	10.58	7.25	3.78	61.90
1950	Below Normal	3.19	3.96	4.26	5.66	10.60	6.65	9.48	8.43	8.24	10.58	3.73	7.92	82.70
1951	Above Normal	5.67	9.71	9.86	11.41	10.58	8.06	6.74	7.73	3.61	10.58	4.06	9.18	97.19
1952	Wet	3.19	5.45	9.61	11.60	10.77	11.90	11.27	11.18	10.98	9.21	9.95	9.15	114.26
1953	Wet	3.38	8.44	4.26	11.88	4.46	3.73	5.23	6.01	11.52	8.39	8.23	8.57	84.10
1954	Above Normal	4.48	6.11	4.26	3.62	5.81	9.44	8.81	3.73	3.61	10.58	3.73	4.64	68.82
1955	Dry	3.19	3.96	4.26	3.62	4.77	3.73	3.61	3.73	3.61	5.66	6.38	3.42	49.94
1956	Wet	3.19	3.91	9.91	10.15	11.13	4.22	6.01	11.86	11.52	6.49	9.02	9.62	97.03
1957	Above Normal	3.28	7.61	4.26	3.62	3.34	9.60	3.61	6.07	5.88	10.58	5.61	6.49	69.95
1958	Wet	3.19	3.96	4.31	6.07	10.31	11.87	11.02	11.44	11.39	6.39	9.18	8.69	97.82
1959	Below Normal	3.19	7.40	4.26	3.62	3.43	2.16	2.09	2.16	2.98	10.42	2.46	2.18	46.35
1960	Dry	3.19	3.29	3.45	2.94	2.36	7.11	3.94	3.69	3.61	3.84	5.92	3.70	47.04
1961	Dry	3.19	3.96	4.26	3.62	2.78	2.42	2.34	2.42	2.37	6.57	2.45	2.35	38.73
1962	Below Normal	1.92	1.86	1.94	1.69	5.28	4.29	7.91	3.76	4.09	10.58	5.97	4.95	54.24
1963	Wet	8.95	8.83	7.16	8.53	10.05	3.73	11.48	11.84	6.53	9.54	3.73	10.24	100.61
1964	Dry	3.99	7.49	4.79	5.01	3.39	3.73	3.61	3.73	3.61	7.41	6.35	4.48	57.59
1965	Wet	3.19	3.47	8.92	10.80	10.24	3.73	11.52	7.65	7.35	10.58	4.47	10.24	92.16
1966	Below Normal	6.02	4.40	4.26	3.73	3.36	2.44	2.83	2.44	2.40	9.79	3.29	2.40	47.36
1967	Wet	3.19	3.72	6.43	11.85	8.58	11.90	8.20	11.69	10.98	8.43	9.07	9.62	103.66
1968	Below Normal	3.19	7.78	4.26	3.62	11.11	4.33	3.03	3.13	3.07	9.93	3.17	3.07	59.69
1969	Wet	3.19	3.42	3.65	10.32	10.42	7.44	11.50	11.58	11.49	8.59	7.43	9.14	98.17
1970	Wet	3.19	4.64	11.74	8.81	10.75	5.39	3.61	3.73	3.61	10.58	3.85	10.24	80.14
1971	Wet	3.19	3.45	9.57	10.06	6.61	8.48	5.03	7.53	10.20	8.02	6.71	8.88	87.73
1972	Below Normal	3.19	6.97	4.29	4.18	6.12	8.77	3.61	3.73	4.39	10.05	4.51	3.16	62.97
1973	Above Normal	3.19	3.96	7.38	11.55	10.68	7.44	4.73	9.03	6.28	9.74	3.73	7.56	85.27
1974	Wet	3.19	11.47	11.81	11.10	8.38	11.59	11.50	10.04	8.57	6.94	9.11	8.85	112.55
1975	Wet	3.19	7.48	4.26	3.62	4.99	9.77	4.31	10.91	11.52	6.29	8.50	8.78	83.62
1976	Critical	3.19	9.42	4.26	3.62	2.88	1.81	1.75	1.81	1.86	2.37	1.91	1.85	36.73
1977	Critical	1.71	1.65	1.71	1.69	1.52	0.74	0.73	0.65	0.73	0.76	3.03	0.72	15.64
1978	Above Normal	0.99	0.99	1.09	5.18	9.34	11.90	8.61	8.91	9.14	10.42	3.73	8.14	78.44
1979	Below Normal	3.57	5.50	4.26	3.62	6.10	7.29	3.74	9.00	5.48	9.63	3.73	5.96	67.88
1980	Above Normal	3.19	4.73	4.78	9.57	10.06	7.87	6.02	6.20	6.59	8.88	10.58	7.31	85.78
1981	Dry	3.58	4.86	4.26	3.73	3.36	2.03	1.96	2.03	2.28	6.36	3.48	2.05	39.98
1982	Wet	3.19	11.19	10.63	11.73	9.14	11.76	10.12	11.55	11.52	6.62	8.99	9.53	115.97
1983	Wet	4.41	11.35	11.57	11.78	9.88	10.05	11.48	11.36	10.13	11.90	10.46	10.46	124.83
1984	Wet	3.53	9.96	10.09	11.90	10.66	6.43	4.21	5.60	4.83	10.58	3.73	10.24	91.76
1985	Dry	3.97	6.76	5.38	3.73	3.42	3.28	3.78	3.28	6.31	6.73	5.39	3.10	55.13
1986	Wet	3.19	4.53	3.73	6.62	5.26	11.05	5.79	5.71	7.59	10.58	6.54	8.50	79.09
1987	Dry	3.19	3.92	4.21	3.58	2.75	1.71	1.65	2.54	3.08	6.68	1.58	1.53	36.42
1988	Critical	1.58	1.59	1.69	1.71	2.75	1.89	1.65	1.71	2.53	2.39	1.71	1.65	22.85
1989	Dry	1.89	1.83	1.89	1.89	1.54	11.53	8.18	7.39	9.49	7.46	5.24	4.33	62.66
1990	Critical	3.19	3.47	3.73	3.17	2.43	2.69	2.61	2.69	3.46	3.89	3.38	2.75	37.46
1991	Critical	3.02	2.90	2.97	2.52	1.94	2.16	2.11	2.18	3.61	7.40	9.30	3.11	43.22
1992	Critical	1.68	1.62	1.68	1.68	1.58	0.64	2.89	3.35	3.78	10.49	0.86	0.72	30.97
1993	Above Normal	1.25	1.01	1.64	2.52	10.75	11.81	8.56	11.19	10.84	7.96	5.58	8.25	81.36
1994	Critical	3.19	7.48	4.26	3.62	2.78	2.92	2.83	2.92	3.08	3.89	3.08	2.92	42.97
1995	Wet	2.48	2.38	2.48	11.31	10.12	10.00	11.45	11.16	11.00	10.33	9.55	9.18	101.44
1996	Wet	5.84	5.96	4.60	11.73	9.94	11.89	9.79	11.71	6.74	7.71	6.08	9.64	101.63
1997	Wet	5.28	7.71	10.75	6.01	10.73	3.73	3.61	3.73	3.61	10.58	3.73	10.24	79.71
1998	Wet	4.80	3.37	3.60	9.50	9.81	11.90	10.93	11.90	10.85	8.84	9.32	9.39	104.21
1999	Wet	3.19	8.31	6.29	11.90	10.04	8.73	5.06	10.39	9.95	8.49	5.49	10.00	97.84
2000	Above Normal	3.73	6.54	4.26	5.31	10.41	8.66	5.03	4.62	4.06	10.58	3.98	5.32	72.50
2001	Dry	3.37	4.92	4.26	3.62	2.78	2.13	2.06	2.13	2.09	6.46	2.68	2.09	38.59
2002	Dry	2.44	1.65	2.83	7.43	6.72	6.91	4.27	3.73	3.61	10.58	5.31	3.44	58.92
2003	Above Normal	4.73	3.96	4.81	7.69	5.13	3.73	4.50	10.73	5.77	10.58	3.87	7.85	73.35
	Average	3.47	5.03	5.08	6.02	6.47	6.25	6.11	6.47	6.39	8.10	5.35	6.28	71.03
	Wet	3.75	6.34	7.33	9.78	9.38	8.72	8.67	9.53	9.17	8.65	7.20	9.63	98.15
	Above Normal	3.34	5.03	4.47	6.20	8.32	9.00	7.24	7.51	6.41	9.74	5.31	7.53	80.08
	Below Normal	3.54	4.68	4.86	4.93	6.45	5.46	6.11	6.41	5.71	10.11	4.35	6.13	68.74
	Dry	3.23	4.05	3.70	3.50	3.83	4.27	4.15	4.01	4.89	7.34	4.89	3.46	51.33
	Critical	3.29	4.08	3.16	2.77	2.32	2.02	2.35	2.56	3.38	4.07	3.24	2.22	35.45

Difference in Energy generated (GWh) at Nimbus Dam: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.10	0.34	0.00	0.00	0.07	0.00	(0.07)	0.00	0.01	0.00	0.60	(0.58)	0.04
1924	Critical	1.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.37)	(0.38)	(0.39)	(0.38)	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.69)	0.00	0.06	(0.19)	(0.07)
1926	Dry	0.00	0.52	0.00	0.00	0.28	0.01	(0.01)	(1.01)	0.66	(0.06)	(0.21)	1.10	0.11
1927	Wet	(0.01)	(0.14)	(0.20)	(0.15)	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	(0.04)
1928	Above Normal	0.06	(0.09)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	(0.06)	(0.02)	(0.01)
1929	Critical	0.00	0.00	0.01	0.00	0.01	0.01	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.03	0.03	0.02	0.02	0.02	(0.05)	0.00	0.00	0.00	(0.03)	(0.18)	0.00	(0.01)
1931	Critical	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.14	(0.12)	0.00	0.00
1932	Dry	0.00	(0.01)	0.00	0.00	0.19	0.00	0.00	0.01	0.00	0.00	(1.04)	2.05	0.10
1933	Critical	2.24	1.40	0.00	(0.03)	(0.05)	(0.08)	(0.11)	0.00	0.53	0.38	(1.95)	(0.03)	0.19
1934	Critical	(1.07)	0.04	(0.47)	(0.15)	0.00	0.00	0.00	0.01	0.00	0.00	0.02	(1.61)	(0.27)
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	(0.02)	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.49)	0.12	0.30	(0.01)
1939	Dry	0.00	0.37	0.00	0.00	0.00	0.00	0.02	0.08	(0.05)	(0.08)	(0.23)	0.00	0.01
1940	Above Normal	(0.02)	(0.02)	(0.02)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.05
1941	Wet	0.01	(0.31)	0.00	(0.35)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)
1942	Wet	(0.02)	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00
1944	Dry	(0.19)	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.07)	(0.06)	(0.02)	0.01
1945	Below Normal	0.00	(0.02)	(0.03)	(0.03)	0.00	0.00	0.00	0.01	0.00	0.00	1.07	(1.32)	(0.03)
1946	Below Normal	(0.09)	0.22	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.13	0.02
1947	Dry	(0.16)	0.00	0.00	0.00	0.00	0.02	0.00	0.00	(0.03)	0.01	0.01	0.02	(0.01)
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)	0.00	(0.01)
1950	Below Normal	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.12	0.51	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
1954	Above Normal	0.00	(0.06)	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.03)	0.00
1956	Wet	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.04	0.00	0.00	(0.04)	0.00	0.00	0.00	0.00	0.03	(0.02)	0.00	0.00
1960	Dry	0.00	0.00	(0.01)	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	(0.01)	0.00	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	(0.04)	(0.07)	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.06	(0.02)	0.00	0.00
1967	Wet	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00
1968	Below Normal	0.00	0.49	(0.14)	0.00	0.02	0.01	0.00	0.00	0.00	0.09	0.00	0.00	0.04
1969	Wet	0.00	(0.02)	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	(0.05)	0.00
1970	Wet	0.00	(0.02)	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.04
1974	Wet	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	(0.05)	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.25	0.00	0.00	(0.26)	0.00	0.00	0.00	0.01	0.08	0.00	0.14	0.02
1980	Above Normal	0.00	(0.22)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	2.66	0.00	(1.09)	0.11
1981	Dry	(1.01)	(0.95)	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.02	0.01	0.15	(0.08)	(0.16)
1982	Wet	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.20)	0.16	0.00
1987	Dry	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.02	(0.01)	(0.11)	0.00	0.00	(0.01)
1988	Critical	0.00	0.00	0.00	0.00	0.12	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	0.01
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	(0.01)	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	0.09	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.03)	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.54	(0.53)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1997	Wet	(0.08)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
2000	Above Normal	0.04	(0.02)	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	0.01	0.00	0.00
2002	Dry	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.02
2003	Above Normal	(0.18)	0.00	(0.05)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
	Average	0.02	0.04	(0.02)	(0.01)	0.01	(0.00)	(0.00)	(0.01)	0.00	0.03	(0.02)	(0.01)	0.00
	Wet	0.00	0.03	(0.03)	(0.02)	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.00)	0.02	(0.00)
	Above Normal	(0.01)	(0.03)	(0.01)	(0.00)	0.00	0.00	0.00	0.00	0.00	0.22	0.05	(0.05)	0.01
	Below Normal	(0.00)	0.09	(0.01)	0.01	(0.02)	0.00	0.00	0.00	0.00	0.02	0.12	(0.12)	0.01
	Dry	(0.07)	0.02	0.00	0.00	0.03	(0.00)	0.00	(0.05)	(0.00)	(0.02)	(0.09)	0.17	(0.00)
	Critical	0.23	0.12	(0.04)	(0.02)	0.01	(0.01)	(0.01)	(0.00)	0.01	0.01	(0.20)	(0.17)	(0.01)

Percent Difference in Energy generated (GWh) at Nimbus Dam: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	3%	6%	0%	0%	1%	0%	-1%	0%	0%	0%	16%	-7%
1924	Critical	30%	0%	0%	0%	0%	0%	0%	0%	-23%	-23%	-24%	-24%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-9%	0%	1%	-6%
1926	Dry	0%	13%	0%	0%	5%	0%	0%	-28%	10%	-1%	-5%	52%
1927	Wet	0%	-4%	-6%	-2%	0%	0%	0%	0%	0%	0%	1%	0%
1928	Above Normal	2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	1%	1%	1%	1%	1%	-1%	0%	0%	0%	0%	-4%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	-5%	0%
1932	Dry	0%	-1%	0%	0%	4%	0%	0%	0%	0%	0%	-13%	29%
1933	Critical	56%	27%	0%	-1%	-2%	-3%	-3%	0%	8%	5%	-35%	-1%
1934	Critical	-30%	1%	-22%	-8%	0%	0%	0%	0%	0%	0%	0%	-49%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-6%	1%	3%
1939	Dry	0%	8%	0%	0%	0%	0%	1%	3%	-1%	-1%	-9%	0%
1940	Above Normal	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	14%	0%
1941	Wet	0%	-5%	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	-3%	8%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%
1945	Below Normal	0%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	27%	-13%
1946	Below Normal	-2%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1947	Dry	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1950	Below Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	4%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	-1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	1%	0%	0%	-1%	0%	0%	0%	0%	0%	-1%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	-1%	-2%	0%	0%	0%	0%	4%	0%	0%	1%	-1%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1968	Below Normal	0%	7%	-3%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1969	Wet	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	1%	-1%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	5%	0%	0%	-4%	0%	0%	0%	0%	1%	0%	2%
1980	Above Normal	0%	-4%	0%	0%	0%	0%	0%	0%	0%	43%	0%	-13%
1981	Dry	-22%	-16%	0%	0%	0%	0%	-1%	0%	1%	0%	5%	-4%
1982	Wet	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	2%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	1%	0%	-2%	0%	0%
1988	Critical	0%	0%	0%	0%	5%	1%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	10%	-10%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
2002	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%
2003	Above Normal	-4%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	4%	1%	-1%
	Below Normal	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	3%	-1%
	Dry	-2%	1%	0%	0%	1%	0%	0%	-1%	0%	0%	-1%	4%
	Critical	5%	2%	-2%	-1%	0%	0%	0%	0%	-1%	-1%	-5%	-6%

Energy generated (GWh) at O'Neill: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.55	0.00	0.00	0.00	0.00	0.61
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.27	3.80	0.12	0.00	0.00	0.00	5.19
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.57	0.72	2.15	4.42	3.78	2.58	0.00	14.22
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.92	3.32	0.68	0.00	0.00	0.00	4.92
1926	Dry	0.00	0.00	0.00	0.00	0.00	1.19	0.72	3.34	1.63	0.00	0.41	0.00	7.29
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.79	3.91	1.05	0.00	0.00	0.00	6.75
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.37	3.82	1.87	0.00	0.00	0.00	7.06
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	1.53	2.94	4.68	1.66	0.00	0.00	10.81
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.62	2.55	3.36	0.00	1.67	0.00	8.20
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	1.04	2.23	4.36	4.15	2.60	0.00	14.38
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.10	0.89	2.40	3.90	4.00	0.00	0.00	11.29
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.74	2.15	3.87	3.58	0.00	0.00	10.34
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.10	1.08	2.30	4.32	4.26	2.69	0.00	14.75
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.13	3.49	0.23	0.00	2.87	0.00	7.72
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	1.38	0.00	0.49	0.00	2.05
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.22	1.62	0.00	2.72
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.73	0.00	0.00	0.00	0.00	1.96	3.62	6.00	0.00	0.00	0.00	12.31
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.96	2.48	1.40	0.00	0.00	0.00	4.84
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.90	2.44	0.00	0.00	0.00	0.00	3.34
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.45	2.90	0.00	0.00	0.00	0.00	4.35
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.00	0.00	0.00	0.00	0.82
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.29	3.44	2.83	0.00	0.69	0.00	8.25
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.78	4.10	3.43	0.00	0.00	0.00	9.31
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.92	4.08	3.40	0.00	0.00	0.00	9.40
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.08	1.12	3.80	3.60	0.00	0.00	0.00	8.60
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.43	3.37	1.05	0.00	0.00	0.00	5.85
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.62	4.07	3.88	0.00	0.00	0.00	9.57
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.50	3.63	0.19	0.00	0.00	0.00	5.32
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.92	4.09	1.92	0.86	0.00	0.00	8.79
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.43	3.72	3.03	0.00	0.00	0.00	8.18
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.52	3.68	1.56	1.29	0.00	0.00	8.05
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.44	3.79	5.93	0.00	0.00	0.00	11.16
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.06	3.50	0.00	0.00	0.00	0.00	4.56
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.14	1.34	3.38	3.04	0.00	0.00	0.00	7.90
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.18
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.26	3.44	3.41	0.00	0.00	0.00	7.11
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.98	2.69	3.74	0.00	0.32	0.00	8.73
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	2.11	3.78	6.31	0.00	0.00	0.00	12.20
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.43	3.79	3.59	0.00	0.00	0.00	8.81
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.75	3.82	0.53	0.00	0.00	0.00	6.10
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	2.08	3.78	5.65	0.00	0.00	0.00	11.51
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.18	4.40	2.02	0.00	0.00	0.00	7.60
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.92	3.84	3.73	0.00	0.00	0.00	8.49
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.61	3.44	3.45	0.00	0.00	0.00	8.50
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.73	0.00	0.00	0.00	0.00	1.63	4.11	3.71	0.00	0.00	0.00	10.18
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.32	3.58	1.38	0.00	0.00	0.00	6.28
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.52	3.70	3.62	0.00	0.00	0.00	8.84
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.78	1.79	1.28	0.00	0.00	0.32	5.17
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.56	3.64	0.00	0.00	0.00	0.00	4.20
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.80	4.09	0.00	0.00	0.00	0.00	5.89
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.67	3.20	5.51	1.11	4.42	1.80	16.71
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.55	1.01	2.18	4.73	4.07	0.00	0.90	13.44
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.67	1.33	3.26	0.00	0.00	0.00	6.26
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.28	0.00	0.00	0.00	1.10	2.38
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.82	3.48	3.60	0.00	0.00	0.00	7.90
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.85	4.10	3.31	0.00	0.00	0.00	9.26
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.92	3.62	3.72	0.00	0.00	0.00	8.26
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.33	4.33
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.86	3.44	3.33	0.00	0.79	0.00	9.42
1988	Critical	0.00	0.00	0.00	0.00	0.00	1.09	1.09	2.96	5.39	0.00	0.00	1.29	11.82
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.21	0.80	3.55	2.00	0.00	1.78	0.00	8.34
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.60	1.53	2.69	5.60	0.00	0.00	1.84	12.26
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.34	2.23	3.10	0.91	0.00	0.00	6.58
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	1.22	2.51	2.51	0.00	0.00	1.55	7.79
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.92	3.32	0.00	0.00	0.00	0.00	5.24
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	1.29	2.51	5.11	0.00	0.00	0.00	8.91
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.02	0.34	0.46	0.00	0.00	0.00	1.82
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.51	3.76	0.48	0.00	0.00	0.00	5.75
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.69	3.91	1.33	0.00	0.00	0.00	6.93
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.75	3.91	0.47	1.23	0.00	0.00	7.36
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.10	3.68	3.65	0.00	0.37	0.00	8.80
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.50	3.61	3.45	0.00	0.00	0.00	8.56
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.75	3.83	1.97	0.00	0.00	0.00	7.55
	Average	0.00	0.02	0.00	0.00	0.00	0.06	1.07	2.68	2.24	0.38	0.28	0.16	6.88
	Wet	0.00	0.03	0.00	0.00	0.00	0.00	0.81	2.05	0.67	0.00	0.00	0.17	3.71
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.01	1.20	2.68	1.13	0.28	0.00	0.12	5.41
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.17	3.01	2.27	0.02	0.36	0.00	6.83
	Dry	0.00	0.04	0.00	0.00	0.00	0.09	1.32	3.44	3.74	0.22	0.34	0.00	9.18
	Critical	0.00	0.00	0.00	0.00	0.00	0.24	1.02	2.50	4.47	1.96	1.02	0.62	11.83

Energy generated (GWh) at O'Neill: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.65	0.00	0.00	0.00	0.00	2.65
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.16	3.62	0.28	0.00	0.00	0.00	5.06
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.58	0.74	2.18	4.45	3.83	2.00	0.00	13.78
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.85	3.16	1.06	0.00	0.00	0.00	5.07
1926	Dry	0.00	0.00	0.00	0.00	0.00	1.19	0.73	3.32	1.62	0.00	2.23	0.00	9.09
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.68	3.73	0.79	0.00	0.00	0.00	6.20
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.36	3.72	1.51	0.00	0.00	0.00	6.59
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	1.53	2.94	4.68	1.67	0.00	0.00	10.82
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.63	2.55	3.36	0.00	1.67	0.00	8.21
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	1.04	2.23	4.36	4.15	2.60	0.00	14.38
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.79	2.24	3.38	3.42	0.00	0.00	9.83
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.71	2.09	3.71	3.39	0.00	0.00	9.90
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.09	1.07	2.28	4.30	4.24	2.67	0.00	14.65
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.04	3.32	0.00	0.00	2.42	0.00	6.78
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.09	2.21	0.87	0.00	0.03	0.00	3.20
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.48	0.00	1.16	0.00	4.64
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.83	3.26	5.44	0.00	0.00	0.00	10.53
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.90	3.65	0.96	0.00	0.00	0.00	5.51
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.79	2.46	0.00	0.00	0.00	0.00	3.25
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.35	2.73	0.00	0.00	0.00	0.00	4.08
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.55	0.00	0.00	0.00	0.00	1.55
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.22	3.31	2.43	0.00	0.50	0.00	7.46
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.66	3.90	2.87	0.00	0.00	0.00	8.43
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.80	3.89	2.86	0.00	0.00	0.00	8.55
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.02	1.06	3.71	3.29	0.00	0.00	0.00	8.08
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.43	3.36	1.05	0.00	0.00	0.00	5.84
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.62	4.07	3.88	0.00	0.00	0.00	9.57
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.44	3.53	0.00	0.00	0.00	0.00	4.97
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.83	3.94	1.41	0.29	0.00	0.00	7.47
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.04
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.32	3.53	2.49	0.00	0.00	0.00	7.34
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.48	3.62	1.36	1.06	0.00	0.00	7.52
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.42	3.76	5.85	0.00	0.00	0.00	11.03
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.97	3.35	0.00	0.00	0.00	0.00	4.32
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.05	1.25	3.23	2.56	0.00	0.00	0.00	7.09
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.00	0.00	0.00	0.00	0.73
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.83	3.32	3.04	0.00	0.00	0.00	7.19
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.98	2.69	3.74	0.00	0.76	0.00	9.17
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	2.11	3.78	6.31	0.00	0.00	0.00	12.20
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.34	3.64	3.09	0.00	0.00	0.00	8.07
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.64	3.66	0.01	0.00	0.00	0.00	5.31
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	2.09	3.78	5.65	0.00	0.00	0.00	11.52
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.07	4.18	1.42	0.00	0.00	0.00	6.67
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.48	3.70	3.30	0.00	0.00	0.00	8.48
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.53	3.30	2.99	0.00	0.00	0.00	7.82
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.49	0.00	0.00	0.00	0.00	1.54	3.95	3.19	0.00	0.00	0.00	9.17
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.25	3.46	1.01	0.00	0.00	0.00	5.72
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.52	3.70	3.62	0.00	0.00	0.00	8.84
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.69	3.82	0.96	0.00	0.00	0.00	6.47
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.21	3.83	0.00	0.00	0.00	0.00	5.04
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.71	3.94	0.00	0.00	0.00	0.00	5.65
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.67	3.20	5.51	1.04	4.40	1.79	16.61
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.55	1.01	2.18	4.73	4.07	0.00	0.90	13.44
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.23
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.57	2.81	2.75	0.00	0.00	0.00	7.13
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	0.00	0.00	0.00	0.00	1.10
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.72	3.30	3.09	0.00	0.00	0.00	7.11
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.75	3.94	2.80	0.00	0.00	0.00	8.49
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.85	3.51	3.34	0.00	0.00	0.00	7.70
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.04	4.04
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.85	3.43	3.31	0.00	0.88	0.00	9.47
1988	Critical	0.00	0.00	0.00	0.00	0.00	1.08	1.08	2.95	5.38	0.00	0.00	1.26	11.75
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.21	0.80	3.55	2.00	0.00	1.74	0.00	8.30
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.60	1.53	2.69	5.60	0.00	0.00	1.84	12.26
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.34	2.23	3.10	0.98	0.00	0.00	6.65
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	1.22	2.51	2.51	0.00	0.00	1.55	7.79
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.82	3.16	0.00	0.00	0.00	0.00	4.98
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	1.29	2.51	5.11	0.00	0.00	0.00	8.91
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.52	0.48	0.16	0.00	0.00	0.00	2.16
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.79	3.59	0.00	0.41	0.00	0.00	5.79
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.61	3.76	0.84	0.00	0.00	0.00	6.21
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.66	3.76	0.00	0.68	0.00	0.00	6.10
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.08	3.66	3.57	0.00	0.42	0.00	8.73
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.49	3.61	3.44	0.00	0.00	0.00	8.54
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.68	3.72	1.62	0.00	0.00	0.00	7.02
	Average	0.00	0.01	0.00	0.00	0.00	0.05	1.06	2.74	2.09	0.36	0.29	0.14	6.73
	Wet	0.00	0.02	0.00	0.00	0.00	0.00	0.82	2.03	0.49	0.02	0.00	0.16	3.53
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.14	3.05	0.87	0.17	0.00	0.00	5.23
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.21	3.16	2.16	0.00	0.26	0.00	6.79
	Dry	0.00	0.00	0.00	0.00	0.00	0.08	1.28	3.37	3.60	0.19	0.46	0.00	8.98
	Critical	0.00	0.00	0.00	0.00	0.00	0.24	1.02	2.50	4.45	1.95	0.97	0.61	11.75

Difference in Energy generated (GWh) at O'Neill: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	2.10	0.00	0.00	0.00	0.00	0.17
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.11)	(0.18)	0.16	0.00	0.00	0.00	(0.01)
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.03	0.05	(0.58)	0.00	(0.04)
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.16)	0.38	0.00	0.00	0.00	0.01
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.02)	(0.01)	0.00	1.82	0.00	0.15
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.11)	(0.18)	(0.26)	0.00	0.00	0.00	(0.05)
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.10)	(0.36)	0.00	0.00	0.00	(0.04)
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	(0.10)	(0.10)	(0.16)	(0.52)	(0.58)	0.00	0.00	(0.12)
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.06)	(0.16)	(0.19)	0.00	0.00	(0.04)
1934	Critical	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)	0.00	(0.01)
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.17)	(0.23)	0.00	(0.45)	0.00	(0.08)
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.09	2.03	(0.51)	0.00	(0.46)	0.00	0.10
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.60	(0.22)	(0.46)	0.00	0.16
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	(0.73)	0.00	0.00	0.00	0.00	(0.13)	(0.36)	(0.56)	0.00	0.00	0.00	(0.15)
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	1.17	(0.44)	0.00	0.00	0.00	0.06
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.11)	0.02	0.00	0.00	0.00	0.00	(0.01)
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)	(0.17)	0.00	0.00	0.00	0.00	(0.02)
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.00	0.00	0.00	0.00	0.06
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.13)	(0.40)	0.00	(0.19)	0.00	(0.07)
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.12)	(0.20)	(0.56)	0.00	0.00	0.00	(0.07)
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.12)	(0.19)	(0.54)	0.00	0.00	0.00	(0.07)
1947	Dry	0.00	0.00	0.00	0.00	0.00	(0.06)	(0.06)	(0.09)	(0.31)	0.00	0.00	0.00	(0.04)
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	(0.10)	(0.19)	0.00	0.00	0.00	(0.03)
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.15)	(0.51)	(0.57)	0.00	0.00	(0.11)
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.11)	(0.19)	(0.54)	0.00	0.00	0.00	(0.07)
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	(0.06)	(0.20)	(0.23)	0.00	0.00	(0.04)
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.03)	(0.08)	0.00	0.00	0.00	(0.01)
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.15)	0.00	0.00	0.00	0.00	(0.02)
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.09)	(0.15)	(0.48)	0.00	0.00	0.00	(0.07)
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.00	0.00	0.00	0.00	0.05
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.57	(0.12)	(0.37)	0.00	0.00	0.00	0.01
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.04
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.15)	(0.50)	0.00	0.00	0.00	(0.06)
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.11)	(0.16)	(0.52)	0.00	0.00	0.00	(0.07)
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.11)	(0.22)	(0.60)	0.00	0.00	0.00	(0.08)
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.56	(0.14)	(0.43)	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)	(0.14)	(0.46)	0.00	0.00	0.00	(0.06)
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	(0.24)	0.00	0.00	0.00	0.00	(0.09)	(0.16)	(0.52)	0.00	0.00	0.00	(0.08)
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.12)	(0.37)	0.00	0.00	0.00	(0.05)
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	2.03	(0.32)	0.00	0.00	(0.32)	0.11
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.19	0.00	0.00	0.00	0.00	0.07
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.15)	0.00	0.00	0.00	0.00	(0.02)
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.02)	(0.01)	(0.01)
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.02
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)	1.48	(0.51)	0.00	0.00	0.00	0.07
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.18)	0.00	0.00	0.00	(1.10)	(0.11)
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)	(0.18)	(0.51)	0.00	0.00	0.00	(0.07)
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)	(0.16)	(0.51)	0.00	0.00	0.00	(0.06)
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.11)	(0.38)	0.00	0.00	0.00	(0.05)
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.29)	(0.02)
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	0.00	0.09	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00	(0.03)	(0.01)
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.01
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)	(0.16)	0.00	0.00	0.00	0.00	(0.02)
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.14	(0.30)	0.00	0.00	0.00	0.03
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.28	(0.17)	(0.48)	0.41	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)	(0.15)	(0.49)	0.00	0.00	0.00	(0.06)
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.15)	(0.47)	(0.55)	0.00	0.00	(0.11)
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.02)	(0.08)	0.00	0.05	0.00	(0.01)
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.11)	(0.35)	0.00	0.00	0.00	(0.04)
	Average	0.00	(0.01)	0.00	0.00	0.00	(0.00)	(0.01)	0.06	(0.15)	(0.02)	0.00	(0.02)	(0.01)
	Wet	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01	(0.01)	(0.18)	0.02	0.00	(0.01)	(0.02)
	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.06)	0.37	(0.26)	(0.11)	0.00	(0.12)	(0.02)
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.15	(0.11)	(0.02)	(0.10)	0.00	(0.00)
	Dry	0.00	(0.04)	0.00	0.00	0.00	(0.01)	(0.04)	(0.07)	(0.14)	(0.03)	0.12	0.00	(0.02)
	Critical	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.01)	(0.01)	(0.05)	(0.00)	(0.01)

Percent Difference in Energy generated (GWh) at O'Neill: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	-100%	382%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	-9%	-5%	133%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	2%	3%	1%	1%	1%	-22%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	-8%	-5%	56%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	1%	-1%	-1%	0%	444%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	-6%	-5%	-25%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	-1%	-3%	-19%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	-100%	-11%	-7%	-13%	-15%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	-4%	-3%	-4%	-5%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	-10%	-1%	-1%	0%	0%	-1%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	-8%	-5%	-100%	0%	-16%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	-	>1,000%	-37%	0%	-94%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	295%	-100%	-28%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	-100%	0%	0%	0%	0%	-7%	-10%	-9%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	-6%	47%	-31%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	-12%	1%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	-7%	-6%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	89%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	-5%	-4%	-14%	0%	-28%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	-7%	-5%	-16%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	-6%	-5%	-16%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	-75%	-5%	-2%	-9%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	-4%	-3%	-100%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	-5%	-4%	-27%	-66%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	-8%	-5%	-18%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	-3%	-2%	-13%	-18%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	-8%	-4%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	-64%	-7%	-4%	-16%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	306%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	219%	-3%	-11%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	138%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	-6%	-4%	-14%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	-6%	-4%	-98%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	-9%	-5%	-30%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	61%	-4%	-12%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	-5%	-4%	-13%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	-33%	0%	0%	0%	0%	-6%	-4%	-14%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	-5%	-3%	-27%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	-5%	113%	-25%	0%	0%	-100%
1974	Wet	0%	0%	0%	0%	0%	0%	116%	5%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	-5%	-4%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-6%	0%	-1%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	-	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	-6%	111%	-16%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	-14%	0%	0%	0%	-100%
1981	Dry	0%	0%	0%	0%	0%	0%	-12%	-5%	-14%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	-5%	-4%	-15%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	-8%	-3%	-10%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-7%
1987	Dry	0%	0%	0%	0%	0%	0%	-1%	0%	-1%	0%	11%	0%
1988	Critical	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	-2%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	-5%	-5%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	49%	41%	-65%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	19%	-5%	-100%	-	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	-5%	-4%	-37%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	-5%	-4%	-100%	-45%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	-2%	-1%	-2%	0%	14%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	-4%	-3%	-18%	0%	0%	0%
	Average	0%	-2%	0%	0%	0%	-3%	2%	12%	-7%	-3%	5%	-3%
	Wet	0%	-1%	0%	0%	0%	0%	4%	15%	-16%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	-5%	-12%	42%	-21%	-11%	0%	-17%
	Below Normal	0%	0%	0%	0%	0%	0%	16%	5%	7%	-7%	-10%	0%
	Dry	0%	-6%	0%	0%	0%	-10%	-3%	-2%	-1%	-1%	32%	0%
	Critical	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	-2%	0%

Energy generated (GWh) at Shasta Dam: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	90.88	134.36	80.38	63.91	86.29	111.83	104.05	218.19	329.03	306.94	253.54	174.87	1,954.27
1923	Below Normal	117.92	151.23	81.10	76.52	73.07	88.21	76.26	278.67	264.29	265.94	203.62	90.07	1,766.90
1924	Critical	116.02	119.15	106.95	15.96	64.67	97.33	172.83	181.67	205.42	197.77	143.80	91.58	1,513.15
1925	Dry	66.16	48.57	51.46	0.00	32.42	68.07	62.46	139.71	223.81	266.98	218.35	110.61	1,288.60
1926	Dry	124.35	94.38	82.05	75.30	38.11	79.02	75.34	162.73	272.63	304.48	200.32	94.76	1,603.47
1927	Wet	94.28	62.25	84.78	93.72	421.98	89.35	241.45	238.93	285.41	298.20	237.17	282.24	2,429.76
1928	Above Normal	110.35	137.64	89.09	93.63	51.12	297.71	80.42	188.42	319.94	372.68	220.87	203.61	2,165.48
1929	Critical	118.45	124.93	72.33	0.00	67.85	78.89	145.68	161.24	197.74	226.97	220.55	84.51	1,499.14
1930	Dry	98.46	81.46	52.43	68.91	54.37	70.21	125.63	147.38	226.37	235.83	158.53	81.00	1,400.58
1931	Critical	95.66	77.97	72.57	66.14	61.37	67.97	195.59	160.40	168.92	185.27	104.53	47.60	1,303.99
1932	Dry	48.92	43.33	54.55	55.72	50.91	53.08	104.19	91.52	145.68	132.54	123.07	73.67	977.18
1933	Critical	72.06	59.14	56.75	59.09	51.81	62.33	111.85	115.43	145.77	141.95	184.76	95.59	1,156.53
1934	Critical	49.95	47.62	53.22	51.63	50.57	62.25	114.83	122.96	155.55	175.73	56.51	42.27	983.09
1935	Below Normal	39.81	55.19	52.04	55.13	51.35	63.45	53.93	97.58	221.93	229.11	197.08	91.55	1,208.15
1936	Below Normal	90.26	79.44	72.12	45.65	59.74	102.68	116.28	167.33	218.55	290.09	201.49	104.75	1,548.38
1937	Below Normal	116.98	103.29	76.51	71.09	64.47	74.83	66.59	118.63	208.98	238.65	195.12	88.47	1,423.61
1938	Wet	85.71	68.62	361.83	90.78	429.27	466.35	269.61	206.23	254.33	307.09	240.66	270.90	3,051.38
1939	Dry	113.93	147.28	98.31	86.81	99.92	81.55	215.76	180.21	216.87	283.54	210.18	76.40	1,810.76
1940	Above Normal	83.53	99.41	73.46	51.40	416.03	461.13	87.53	177.46	278.37	333.16	225.75	107.50	2,394.73
1941	Wet	116.83	102.45	156.25	456.91	417.63	292.02	309.94	301.07	251.83	268.75	299.16	298.99	3,271.83
1942	Wet	133.64	203.97	248.52	428.62	420.80	114.40	96.57	275.62	234.37	274.83	287.42	298.95	3,017.71
1943	Wet	130.72	224.99	73.36	193.59	175.57	298.70	133.61	213.02	273.49	337.55	235.34	287.43	2,577.37
1944	Dry	114.58	197.22	91.37	93.12	62.21	52.02	164.74	145.37	183.04	242.30	171.50	69.71	1,587.18
1945	Below Normal	104.79	92.10	73.62	80.02	80.41	112.93	142.11	164.05	246.27	290.53	221.26	128.62	1,736.71
1946	Below Normal	128.56	85.18	451.25	174.43	100.67	117.79	186.50	212.20	277.37	298.10	220.11	104.25	2,356.41
1947	Dry	126.50	96.65	89.10	92.81	68.27	76.72	150.16	235.82	230.82	308.29	203.51	106.82	1,785.47
1948	Below Normal	88.82	86.01	90.48	66.69	72.57	77.09	66.77	264.86	243.01	321.19	235.34	174.30	1,787.13
1949	Dry	161.99	108.51	100.20	96.70	70.04	185.47	136.27	184.39	275.91	284.45	207.12	87.00	1,898.05
1950	Below Normal	133.62	104.60	101.79	95.26	93.60	113.68	114.21	173.14	225.33	241.37	187.93	73.93	1,658.46
1951	Above Normal	158.21	218.73	358.80	177.24	340.73	106.18	168.75	148.79	298.67	350.89	217.94	111.04	2,655.97
1952	Wet	103.34	157.19	246.02	197.94	409.67	271.56	443.73	243.76	205.50	263.46	283.20	213.18	3,038.55
1953	Wet	165.78	198.88	100.92	458.89	74.45	64.20	131.84	274.11	255.78	303.75	252.54	297.32	2,578.46
1954	Above Normal	93.70	213.45	76.29	252.21	393.61	217.93	257.70	205.84	271.93	357.08	240.71	187.74	2,768.19
1955	Dry	122.96	136.18	91.00	62.71	72.77	84.96	152.86	153.08	230.90	322.00	204.14	87.91	1,721.47
1956	Wet	99.97	78.86	440.27	451.32	426.19	85.05	84.24	297.11	253.90	251.18	234.51	265.09	2,967.69
1957	Above Normal	141.45	247.45	96.97	95.92	49.62	224.09	151.47	235.22	273.26	356.52	220.24	146.63	2,238.84
1958	Wet	137.27	163.36	210.81	284.83	449.73	492.85	263.32	178.92	248.63	294.42	302.73	226.49	3,253.36
1959	Below Normal	170.41	240.25	93.87	105.54	298.39	67.90	215.10	218.87	304.06	307.92	218.78	44.89	2,285.98
1960	Dry	132.38	102.31	100.03	76.91	62.42	85.85	170.21	133.67	319.27	342.83	192.81	117.45	1,836.14
1961	Dry	120.57	90.64	135.27	78.75	214.78	150.73	157.54	193.37	280.90	352.87	245.71	110.57	2,131.70
1962	Below Normal	136.52	129.11	93.03	98.58	309.24	101.74	165.83	209.26	265.79	304.08	207.69	89.73	2,110.60
1963	Wet	167.27	125.38	218.09	111.67	178.74	160.22	493.08	142.87	255.55	343.63	219.58	222.14	2,638.22
1964	Dry	102.15	129.84	106.42	88.68	52.77	86.15	241.85	197.68	231.73	254.44	189.05	90.35	1,771.11
1965	Wet	94.65	85.36	390.38	458.56	98.45	118.48	159.96	190.40	267.55	309.13	198.82	271.57	2,643.31
1966	Below Normal	119.32	168.77	88.85	96.80	80.75	280.45	165.89	221.36	340.19	348.83	198.91	106.60	2,216.72
1967	Wet	133.61	85.13	256.84	212.22	163.85	380.52	241.79	377.00	251.65	282.02	286.99	238.75	2,910.37
1968	Below Normal	143.27	161.89	90.59	95.85	309.13	65.26	179.69	196.65	278.28	324.63	163.67	89.28	2,098.19
1969	Wet	101.44	81.26	100.86	458.74	420.87	134.76	296.70	302.18	266.02	280.13	237.47	264.61	2,945.04
1970	Wet	91.18	127.71	325.73	452.63	280.64	91.22	176.44	194.11	256.07	324.15	195.17	225.51	2,740.56
1971	Wet	146.84	102.63	128.76	341.20	93.59	432.15	142.70	232.35	248.83	325.40	212.63	243.65	2,650.73
1972	Below Normal	159.63	196.60	90.14	86.66	85.97	227.95	197.03	189.60	315.41	348.40	196.73	75.93	2,170.05
1973	Above Normal	120.36	123.20	168.25	340.21	396.25	157.55	107.08	174.06	304.82	344.94	178.81	108.17	2,523.70
1974	Wet	111.61	436.21	455.53	450.57	107.10	470.55	133.80	171.33	258.96	226.38	301.76	231.93	3,355.73
1975	Wet	167.27	258.42	94.01	95.93	82.68	486.64	100.77	252.11	282.03	242.92	259.31	248.13	2,570.22
1976	Critical	175.51	209.66	85.71	7.52	126.19	84.09	141.01	172.49	240.98	269.59	87.61	44.44	1,644.80
1977	Critical	146.31	114.42	106.23	97.03	133.26	102.93	213.64	122.59	252.26	209.67	78.93	57.58	1,634.85
1978	Above Normal	57.05	59.32	54.26	1.67	155.15	337.67	153.13	246.64	297.20	283.91	221.69	111.12	1,978.81
1979	Below Normal	164.07	155.79	99.91	107.79	65.45	72.36	84.72	145.91	275.93	265.77	157.76	94.91	1,690.37
1980	Above Normal	105.75	134.95	99.11	438.61	432.31	98.60	117.07	185.22	261.08	272.77	214.20	81.21	2,440.88
1981	Dry	113.10	187.21	89.00	82.35	59.33	69.04	96.13	223.12	362.53	312.93	160.43	90.73	1,845.90
1982	Wet	71.32	166.99	454.80	163.02	428.87	285.09	485.60	111.52	216.40	241.64	255.15	215.24	3,095.64
1983	Wet	177.28	142.77	304.24	438.92	410.42	463.76	311.21	237.84	303.56	307.94	310.30	238.23	3,646.47
1984	Wet	181.28	262.10	454.42	135.49	99.71	248.56	146.72	206.44	281.82	352.79	190.61	256.88	2,816.82
1985	Dry	75.67	147.24	136.27	69.63	73.08	85.63	154.52	235.33	273.21	238.19	178.40	91.45	1,758.62
1986	Wet	107.32	113.85	89.76	81.28	400.38	464.69	53.15	210.74	289.07	260.52	210.17	83.55	2,364.48
1987	Dry	95.39	138.43	102.41	79.80	62.94	67.41	184.69	228.01	297.63	282.14	157.19	86.47	1,782.51
1988	Critical	130.28	89.51	63.88	74.76	120.72	82.83	127.29	144.73	257.63	262.52	203.51	75.79	1,633.45
1989	Dry	107.21	54.78	70.98	42.83	63.21	45.68	82.10	234.05	224.45	296.77	170.30	59.37	1,451.73
1990	Critical	79.03	83.00	92.08	70.25	69.69	80.40	169.31	123.43	200.95	288.71	203.47	61.45	1,521.77
1991	Critical	97.26	83.77	70.47	105.74	62.79	65.63	72.22	142.44	175.36	181.26	117.07	70.01	1,244.02
1992	Critical	97.37	100.71	62.50	62.71	37.77	50.56	74.81	227.35	277.17	252.78	176.22	26.55	1,446.50
1993	Above Normal	76.62	46.33	54.05	48.21	40.21	56.69	109.87	123.13	256.83	339.42	193.39	209.65	1,554.40
1994	Critical	156.44	160.74	98.30	76.35	66.81	82.44	200.58	171.60	255.15	277.20	220.51	61.04	1,827.16
1995	Wet	95.58	88.64	66.13	181.06	147.78	471.66	183.51	325.99	240.20	288.06	291.40	213.35	2,593.36
1996	Wet	161.13	183.68	57.33	83.38	443.86	229.50	109.56	299.48	248.49	278.36	209.22	261.91	2,565.90
1997	Wet	170.78	201.93	443.95	450.36	93.36	118.33	169.50	241.71	252.91	303.13	160.02	244.81	2,850.79
1998	Wet	137.99	182.85	90.33	206.66	408.83	428.22	69.14	410.54	434.91	332.10	318.23	242.76	3,262.56
1999	Wet	189.28	227.52	250.02	176.36	430.83	286.36	103.39	254.12	263.31	306.74	213.58	267.76	2,969.27
2000	Above Normal	132.34	262.26	95.99	66.27	433.78	166.95	75.91	214.59	294.28	357.34	222.30	160.13	2,482.14
2001	Dry	141.35	204.07	100.65	84.73	51.71	60.24	136.62	237.16	335.79	289.68	145.25	79.27	1,866.52
2002	Dry	132.83	79.42	73.14	210.50	71.24	83.74	178.47	226.05	291.48	273.67	182.51	100.37	1,903.42
2003	Above Normal	127.93	109.31	249.81	346.36	68.47	79.04	258.44	355.00	266.56	362.73	193.30	142.73	2,559.68
	Average	118.52	135.21	142.94	152.68	174.36	167.44	160.77	203.84	258.22	285.50	206.92	144.94	2,151.33
	Wet	129.75	158.96	234.77	275.18	289.05	286.35	205.82	245.75	264.64	292.47	247.81	246.59	2,877.14
	Above Normal	108.18	148.87	124.71	164.64	238.63	192.95	139.29	206.05	287.66	336.53	216.90	145.37	2,309.76
	Below Normal	122.43	129.25	111.09	89.72	124.63	111.88	130.78	189.87	263.24	291.04	200.39	96.95	1,861.26
	Dry	111.03	115.97	90.26	80.35	70.03	82.53	143.86	186.04	256.83	279.11	184.35	89.66	1,690.02
	Critical	111.20	105.89	78.42	57.27	76.13	76.47	144.97	153.86	211.08	222.45	149.79	63.20	1,450.70

Energy generated (GWh) at Shasta Dam: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	90.88	134.36	80.38	63.91	86.29	111.83	104.05	218.19	329.03	306.94	253.54	175.20	1,954.60
1923	Below Normal	121.78	167.31	80.69	76.16	68.12	87.92	76.03	264.41	250.64	265.57	194.44	78.88	1,731.95
1924	Critical	105.18	109.48	97.28	43.53	65.42	98.64	185.10	183.66	211.56	204.52	149.97	83.38	1,537.72
1925	Dry	67.57	49.55	52.37	0.00	32.72	68.54	62.82	140.57	225.24	267.40	220.01	116.69	1,303.48
1926	Dry	125.12	94.91	82.53	75.73	38.30	79.36	75.63	177.16	266.83	305.81	183.81	90.13	1,595.32
1927	Wet	95.56	62.96	85.60	98.26	424.01	89.35	241.45	238.93	285.35	298.17	238.21	281.65	2,439.50
1928	Above Normal	110.30	137.67	89.08	93.62	51.12	297.32	80.42	188.98	320.25	367.47	222.18	204.68	2,163.09
1929	Critical	107.20	126.00	72.63	0.00	68.09	79.15	146.11	161.87	198.47	227.77	230.26	85.09	1,502.64
1930	Dry	98.19	81.30	52.50	68.99	54.43	70.27	125.72	147.49	226.57	236.61	159.74	81.03	1,402.84
1931	Critical	95.70	77.99	72.60	66.18	61.41	68.01	195.73	160.50	168.96	184.34	106.29	47.65	1,305.36
1932	Dry	48.97	43.37	54.60	55.77	50.95	53.11	104.23	91.38	145.52	132.86	123.08	74.97	978.81
1933	Critical	71.66	59.06	56.76	59.10	51.82	62.62	112.43	110.17	140.62	137.82	200.51	92.47	1,155.04
1934	Critical	60.01	47.10	50.04	51.27	50.31	61.99	114.22	129.44	153.78	145.74	80.17	36.27	980.34
1935	Below Normal	39.81	55.19	52.04	55.13	51.35	63.45	53.93	97.43	221.74	228.90	196.95	91.54	1,207.46
1936	Below Normal	90.26	79.41	72.15	45.66	59.75	102.70	116.28	167.34	218.58	291.10	201.54	104.74	1,549.51
1937	Below Normal	116.95	103.27	76.51	71.09	64.47	74.83	66.59	118.58	208.92	238.27	195.08	88.47	1,423.03
1938	Wet	85.73	68.63	362.54	90.78	429.27	466.35	269.61	206.23	254.32	307.07	240.65	267.73	3,048.91
1939	Dry	112.83	165.81	93.95	86.61	99.61	81.38	214.19	179.05	213.05	283.21	204.42	77.58	1,811.69
1940	Above Normal	89.85	99.55	73.28	51.29	415.53	461.13	87.53	177.55	278.51	333.14	225.84	117.55	2,410.75
1941	Wet	117.09	102.75	144.03	456.91	417.63	292.02	309.94	301.07	251.82	268.75	299.16	298.99	3,260.16
1942	Wet	132.98	204.57	248.60	428.62	420.80	114.40	96.57	275.62	234.37	274.83	287.43	298.92	3,017.71
1943	Wet	130.74	224.72	73.36	193.89	175.57	298.70	133.61	213.02	273.32	336.67	235.20	290.12	2,578.92
1944	Dry	114.60	205.98	91.08	92.82	62.03	48.77	164.30	144.93	182.27	240.37	170.02	69.47	1,586.64
1945	Below Normal	104.66	91.99	73.54	79.94	80.34	112.84	129.24	149.80	233.46	291.67	210.62	118.85	1,676.95
1946	Below Normal	119.49	110.41	454.38	174.43	100.67	117.79	186.10	211.88	277.07	297.95	219.92	104.17	2,374.26
1947	Dry	126.50	96.65	89.14	92.84	68.29	76.75	150.26	235.99	231.27	308.41	203.70	107.76	1,787.56
1948	Below Normal	88.87	86.01	90.47	66.69	72.56	77.09	66.77	264.71	243.01	321.34	235.34	174.14	1,787.00
1949	Dry	161.88	108.51	100.20	96.70	70.04	185.59	136.28	184.40	275.92	284.46	207.13	87.01	1,898.12
1950	Below Normal	133.62	104.61	101.79	95.26	93.60	113.68	114.21	173.12	225.31	242.23	187.93	73.89	1,659.25
1951	Above Normal	157.31	218.73	358.80	177.24	340.73	106.18	168.75	148.79	298.67	350.89	217.94	111.04	2,655.07
1952	Wet	103.33	157.16	246.04	197.94	409.67	271.56	443.73	243.76	205.49	263.47	283.20	213.18	3,038.53
1953	Wet	166.36	226.41	74.20	458.68	74.45	64.20	131.83	274.12	255.78	303.75	252.53	297.31	2,579.62
1954	Above Normal	93.71	210.78	76.34	255.08	393.61	217.93	257.70	205.84	271.94	357.08	240.72	187.75	2,768.48
1955	Dry	122.74	136.80	90.99	62.57	72.76	84.96	152.85	153.04	230.85	321.92	203.89	86.68	1,720.05
1956	Wet	99.93	78.89	440.38	451.32	426.19	85.05	84.24	297.11	253.90	251.18	234.53	265.07	2,967.79
1957	Above Normal	141.46	247.48	96.98	95.92	49.62	224.04	151.48	235.22	273.26	356.52	220.24	146.63	2,238.85
1958	Wet	137.27	163.36	210.81	284.83	449.73	492.85	263.32	178.92	248.63	294.42	302.73	226.49	3,253.36
1959	Below Normal	170.41	241.96	93.83	103.71	298.39	67.90	215.05	218.97	304.08	307.91	218.90	44.91	2,286.02
1960	Dry	132.25	102.34	100.04	76.91	62.42	85.85	170.18	133.67	319.27	342.81	192.80	117.50	1,836.04
1961	Dry	120.54	90.64	135.14	78.75	214.78	150.73	157.54	193.36	280.89	352.87	245.70	110.54	2,131.48
1962	Below Normal	136.52	129.11	93.03	98.56	309.32	101.74	165.82	209.25	265.78	304.08	207.69	89.73	2,110.63
1963	Wet	167.31	125.38	218.09	111.67	178.74	160.22	493.08	142.87	255.55	343.64	219.58	221.35	2,637.48
1964	Dry	102.58	130.23	106.04	88.82	52.76	86.15	241.90	197.72	231.78	254.48	189.11	90.37	1,771.94
1965	Wet	94.65	85.36	390.41	458.56	98.45	118.48	159.96	189.98	267.05	308.83	198.52	271.53	2,641.78
1966	Below Normal	119.69	165.54	88.95	96.90	80.82	285.64	165.89	221.59	340.42	348.80	199.05	105.25	2,218.54
1967	Wet	133.12	85.16	258.20	212.22	163.85	380.52	241.79	377.00	251.65	282.02	286.99	241.65	2,914.17
1968	Below Normal	140.30	187.32	90.05	95.30	281.87	65.26	179.76	196.67	278.28	324.63	163.67	89.28	2,092.39
1969	Wet	101.40	81.26	100.86	458.74	420.87	134.76	296.70	302.18	266.03	280.57	237.48	264.14	2,944.99
1970	Wet	90.04	128.00	326.64	452.63	280.64	91.22	176.44	194.12	256.28	324.06	195.17	225.51	2,740.75
1971	Wet	146.96	102.29	128.83	341.20	93.59	432.15	142.70	232.35	248.83	325.39	212.63	243.65	2,650.57
1972	Below Normal	159.69	196.56	90.14	86.66	85.97	227.93	197.04	189.62	315.41	348.40	196.74	75.94	2,170.10
1973	Above Normal	120.31	123.20	168.25	340.21	396.25	157.55	107.08	174.07	304.84	344.92	178.81	128.85	2,544.34
1974	Wet	95.36	435.87	455.53	450.57	107.10	470.55	133.80	171.33	258.98	226.37	301.76	231.93	3,339.15
1975	Wet	167.27	255.97	94.07	95.99	82.72	486.79	100.77	252.11	282.04	242.93	259.29	248.15	2,568.10
1976	Critical	175.49	210.23	85.70	7.52	126.18	84.08	140.99	172.45	240.41	271.01	86.86	44.45	1,645.37
1977	Critical	145.56	114.61	106.15	97.12	133.26	102.92	213.63	122.58	252.17	209.62	78.88	57.58	1,634.08
1978	Above Normal	57.05	59.31	54.26	1.67	155.16	337.67	153.13	246.64	297.20	283.94	221.69	111.14	1,978.86
1979	Below Normal	164.04	167.33	100.34	103.84	65.32	72.24	84.59	141.21	275.14	264.10	157.16	103.01	1,698.32
1980	Above Normal	98.03	132.15	99.11	438.61	432.31	98.60	119.74	184.92	260.70	272.34	197.95	114.93	2,449.39
1981	Dry	115.01	147.20	89.44	82.73	59.58	69.29	96.57	224.01	363.81	317.60	164.75	89.63	1,819.62
1982	Wet	71.58	179.93	454.80	163.02	428.87	285.09	485.60	111.52	216.40	241.64	255.16	215.24	3,108.85
1983	Wet	177.28	142.77	304.24	438.92	410.42	463.76	311.21	237.84	303.56	307.94	310.30	238.23	3,646.47
1984	Wet	181.28	262.10	454.42	135.49	99.71	248.56	146.72	206.44	281.83	352.80	190.62	256.88	2,816.85
1985	Dry	75.66	147.21	136.27	69.63	73.08	85.63	154.52	235.34	273.20	238.19	178.40	91.45	1,758.58
1986	Wet	107.33	113.86	89.76	81.27	400.38	464.69	53.15	210.74	289.08	260.52	210.17	81.89	2,362.84
1987	Dry	95.34	147.84	102.18	79.63	62.81	67.29	184.36	227.36	289.43	282.16	158.35	87.32	1,784.07
1988	Critical	131.50	89.42	63.81	74.69	119.32	82.69	128.02	144.61	257.39	261.31	203.20	75.73	1,631.69
1989	Dry	107.18	54.74	70.94	43.15	63.16	45.65	82.07	233.88	224.36	296.56	170.21	59.24	1,451.14
1990	Critical	78.99	82.96	92.04	70.22	69.67	80.37	169.27	123.40	200.91	288.64	203.45	61.44	1,521.36
1991	Critical	97.25	83.77	70.43	105.79	62.75	65.59	72.17	142.35	175.25	179.87	116.97	69.99	1,242.18
1992	Critical	97.39	100.78	62.48	62.70	37.76	50.56	74.82	227.54	277.31	252.51	176.14	26.05	1,446.04
1993	Above Normal	76.62	46.33	54.05	48.21	40.21	56.69	109.87	123.13	256.83	339.36	193.45	209.64	1,554.39
1994	Critical	156.45	160.36	98.31	76.35	66.81	82.43	200.63	171.84	255.43	277.12	220.57	61.16	1,827.46
1995	Wet	95.64	88.66	66.12	180.64	147.78	471.66	183.51	325.99	240.20	288.06	291.40	213.35	2,593.01
1996	Wet	161.13	209.72	53.43	78.50	442.62	229.50	109.56	299.48	248.52	278.37	209.18	261.91	2,581.92
1997	Wet	167.97	201.54	444.20	450.36	93.36	118.33	169.51	241.73	252.93	297.56	160.02	247.88	2,845.39
1998	Wet	142.14	168.21	87.46	225.52	408.83	428.22	69.14	410.54	434.91	332.10	318.23	242.76	3,268.06
1999	Wet	189.28	227.52	250.02	176.36	430.83	286.36	103.39	254.12	263.34	306.75	213.60	267.76	2,969.33
2000	Above Normal	134.07	261.33	96.23	65.02	433.78	166.95	75.91	214.59	294.31	357.34	222.28	160.14	2,481.95
2001	Dry	141.25	204.04	101.66	84.71	51.70	60.23	136.61	237.08	335.78	289.62	144.12	79.28	1,866.08
2002	Dry	132.85	79.43	73.14	210.73	71.24	83.74	178.50	226.08	291.50	273.68	182.53	100.39	1,903.81
2003	Above Normal	129.95	109.38	247.41	346.36	68.47	79.04	258.44	355.00	266.58	362.58	193.32	142.84	2,559.37
	Average	118.14	136.56	142.26	153.18	173.97	167.48	160.79	203.65	257.68	285.06	206.97	145.42	2,151.16
	Wet	129.18	160.89	233.18	275.88	289.08	286.36	205.82	245.74	264.62	292.23	247.84	246.66	2,877.47
	Above Normal	108.30	148.36	124.51	164.76	238.59	192.91	139.51	206.08	287.68	336.04	215.66	150.87	2,313.26
	Below Normal	121.86	134.72	111.28	89.24	122.33	112.22	129.81	187.47	261.27	291.07	198.93	95.91	1,856.10
	Dry	111.17	115.92	90.12	80.39	70.04	82.41	143.81	186.81	255.97	279.39	183.43	89.84	1,689.29
	Critical	110.20	105.15	77.35	59.54	76.07	76.59	146.09	154.20	211.02	220.02	154.44	61.77	1,452.44

Difference in Energy generated (GWh) at Shasta Dam: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.03
1923	Below Normal	3.86	16.08	(0.41)	(0.36)	(4.95)	(0.29)	(0.23)	(14.26)	(13.65)	(0.37)	(9.18)	(11.19)	(2.91)
1924	Critical	(10.84)	(9.67)	(9.67)	27.57	0.75	1.31	12.27	1.99	6.14	6.75	6.17	(8.20)	2.05
1925	Dry	1.41	0.98	0.91	0.00	0.30	0.47	0.36	0.86	1.43	0.42	1.66	6.08	1.24
1926	Dry	0.77	0.53	0.48	0.43	0.19	0.34	0.29	14.43	(5.80)	1.33	(16.51)	(4.63)	(0.68)
1927	Wet	1.28	0.71	0.82	4.54	2.03	0.00	0.00	0.00	(0.06)	(0.03)	1.04	(0.59)	0.81
1928	Above Normal	(0.05)	0.03	(0.01)	(0.01)	0.00	(0.39)	0.00	0.56	0.31	(5.21)	1.31	1.07	(0.20)
1929	Critical	(11.25)	1.07	0.30	0.00	0.24	0.26	0.43	0.63	0.73	0.80	9.71	0.58	0.29
1930	Dry	(0.27)	(0.16)	0.07	0.08	0.06	0.06	0.09	0.11	0.20	0.78	1.21	0.03	0.19
1931	Critical	0.04	0.02	0.03	0.04	0.04	0.04	0.14	0.10	0.04	(0.93)	1.76	0.05	0.11
1932	Dry	0.05	0.04	0.05	0.05	0.04	0.03	0.04	(0.14)	(0.16)	0.32	0.01	1.30	0.14
1933	Critical	(0.40)	(0.08)	0.01	0.01	0.01	0.29	0.58	(5.26)	(5.15)	(4.13)	15.75	(3.12)	(0.12)
1934	Critical	10.06	(0.52)	(3.18)	(0.36)	(0.26)	(0.26)	(0.61)	6.48	(1.77)	(29.99)	23.66	(6.00)	(0.23)
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.15)	(0.19)	(0.21)	(0.13)	(0.01)	(0.06)
1936	Below Normal	0.00	(0.03)	0.03	0.01	0.01	0.02	0.00	0.01	0.03	1.01	0.05	(0.01)	0.09
1937	Below Normal	(0.03)	(0.02)	0.00	0.00	0.00	0.00	0.00	(0.05)	(0.06)	(0.38)	(0.04)	0.00	(0.05)
1938	Wet	0.02	0.01	0.71	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.01)	(3.17)	(0.21)
1939	Dry	(1.10)	18.53	(4.36)	(0.20)	(0.31)	(0.17)	(1.57)	(1.16)	(3.82)	(0.33)	(5.76)	1.18	0.08
1940	Above Normal	6.32	0.14	(0.18)	(0.11)	(0.50)	0.00	0.00	0.09	0.14	(0.02)	0.09	10.05	1.34
1941	Wet	0.26	0.30	(12.22)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.97)
1942	Wet	(0.66)	0.60	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.03)	0.00
1943	Wet	0.02	(0.27)	0.00	0.30	0.00	0.00	0.00	0.00	(0.17)	(0.88)	(0.14)	2.69	0.13
1944	Dry	0.02	8.76	(0.29)	(0.30)	(0.18)	(3.25)	(0.44)	(0.44)	(0.77)	(1.93)	(1.48)	(0.24)	(0.04)
1945	Below Normal	(0.13)	(0.11)	(0.08)	(0.08)	(0.07)	(0.09)	(12.87)	(14.25)	(12.81)	1.14	(10.64)	(9.77)	(4.98)
1946	Below Normal	(9.07)	25.23	3.13	0.00	0.00	0.00	(0.40)	(0.32)	(0.30)	(0.15)	(0.19)	(0.08)	1.49
1947	Dry	0.00	0.00	0.04	0.03	0.02	0.03	0.10	0.17	0.45	0.12	0.19	0.94	0.17
1948	Below Normal	0.05	0.00	(0.01)	0.00	(0.01)	0.00	0.00	(0.15)	0.00	0.15	0.00	(0.16)	(0.01)
1949	Dry	(0.11)	0.00	0.00	0.00	0.00	0.12	0.01	0.01	0.01	0.01	0.01	0.01	0.01
1950	Below Normal	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.02)	0.86	0.00	(0.04)	0.07
1951	Above Normal	(0.90)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)
1952	Wet	(0.01)	(0.03)	0.02	0.00	0.00	0.00	0.00	0.00	(0.01)	0.01	0.00	0.00	0.00
1953	Wet	0.58	27.53	(26.72)	(0.21)	0.00	0.00	(0.01)	0.01	0.00	0.00	(0.01)	(0.01)	0.10
1954	Above Normal	0.01	(2.67)	0.05	2.87	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.02
1955	Dry	(0.22)	0.62	(0.01)	(0.14)	(0.01)	0.00	(0.01)	(0.04)	(0.05)	(0.08)	(0.25)	(1.23)	(0.12)
1956	Wet	(0.04)	0.03	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	(0.02)	0.01
1957	Above Normal	0.01	0.03	0.01	0.00	0.00	(0.05)	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	1.71	(0.04)	(1.83)	0.00	0.00	(0.05)	0.10	0.02	(0.01)	0.12	0.02	0.00
1960	Dry	(0.13)	0.03	0.01	0.00	0.00	0.00	(0.03)	0.00	0.00	(0.02)	(0.01)	0.05	(0.01)
1961	Dry	(0.03)	0.00	(0.13)	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	(0.03)	(0.02)
1962	Below Normal	0.00	0.00	0.00	(0.02)	0.08	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00
1963	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	(0.79)	(0.06)
1964	Dry	0.43	0.39	(0.38)	0.14	(0.01)	0.00	0.05	0.04	0.05	0.04	0.06	0.02	0.07
1965	Wet	0.00	0.00	0.03	0.00	0.00	0.00	0.00	(0.42)	(0.50)	(0.30)	(0.30)	(0.04)	(0.13)
1966	Below Normal	0.37	(3.23)	0.10	0.10	0.07	5.19	0.00	0.23	0.23	(0.03)	0.14	(1.35)	0.15
1967	Wet	(0.49)	0.03	1.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.90	0.32
1968	Below Normal	(2.97)	25.43	(0.54)	(0.55)	(27.26)	0.00	0.07	0.02	0.00	0.00	0.00	0.00	(0.48)
1969	Wet	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.44	0.01	(0.47)	0.00
1970	Wet	(1.14)	0.29	0.91	0.00	0.00	0.00	0.00	0.01	0.21	(0.09)	0.00	0.00	0.02
1971	Wet	0.12	(0.34)	0.07	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)
1972	Below Normal	0.06	(0.04)	0.00	0.00	0.00	(0.02)	0.01	0.02	0.00	0.00	0.01	0.01	0.00
1973	Above Normal	(0.05)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	(0.02)	0.00	20.68	1.72
1974	Wet	(16.25)	(0.34)	0.00	0.00	0.00	0.00	0.00	0.00	0.02	(0.01)	0.00	0.00	(1.38)
1975	Wet	0.00	(2.45)	0.06	0.06	0.04	0.15	0.00	0.00	0.01	0.01	(0.02)	0.02	(0.18)
1976	Critical	(0.02)	0.57	(0.01)	0.00	(0.01)	(0.01)	(0.02)	(0.04)	(0.57)	1.42	(0.75)	0.01	0.05
1977	Critical	(0.75)	0.19	(0.08)	0.09	0.00	(0.01)	(0.01)	(0.01)	(0.09)	(0.05)	(0.05)	0.00	(0.06)
1978	Above Normal	0.00	(0.01)	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.03	0.00	0.02	0.00
1979	Below Normal	(0.03)	11.54	0.43	(3.95)	(0.13)	(0.12)	(0.13)	(4.70)	(0.79)	(1.67)	(0.60)	8.10	0.66
1980	Above Normal	(7.72)	(2.80)	0.00	0.00	0.00	0.00	2.67	(0.30)	(0.38)	(0.43)	(16.25)	33.72	0.71
1981	Dry	1.91	(40.01)	0.44	0.38	0.25	0.25	0.44	0.89	1.28	4.67	4.32	(1.10)	(2.19)
1982	Wet	0.26	12.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	1.10
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00
1985	Dry	(0.01)	(0.03)	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	0.00	0.00	0.00	0.00
1986	Wet	0.01	0.01	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00	0.00	(1.66)	(0.14)
1987	Dry	(0.05)	9.41	(0.23)	(0.17)	(0.13)	(0.12)	(0.33)	(0.65)	(8.20)	0.02	1.16	0.85	0.13
1988	Critical	1.22	(0.09)	(0.07)	(0.07)	(1.40)	(0.14)	0.73	(0.12)	(0.24)	(1.21)	(0.31)	(0.06)	(0.15)
1989	Dry	(0.03)	(0.04)	(0.04)	0.32	(0.05)	(0.03)	(0.03)	(0.17)	(0.09)	(0.21)	(0.09)	(0.13)	(0.05)
1990	Critical	(0.04)	(0.04)	(0.04)	(0.03)	(0.02)	(0.03)	(0.04)	(0.03)	(0.04)	(0.07)	(0.02)	(0.01)	(0.03)
1991	Critical	(0.01)	0.00	(0.04)	0.05	(0.04)	(0.04)	(0.05)	(0.09)	(0.11)	(1.39)	(0.10)	(0.02)	(0.15)
1992	Critical	0.02	0.07	(0.02)	(0.01)	(0.01)	0.00	0.01	0.19	0.14	(0.27)	(0.08)	(0.50)	(0.04)
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	0.06	(0.01)	0.00
1994	Critical	0.01	(0.38)	0.01	0.00	0.00	(0.01)	0.05	0.24	0.28	(0.08)	0.06	0.12	0.03
1995	Wet	0.06	0.02	(0.01)	(0.42)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1996	Wet	0.00	26.04	(3.90)	(4.88)	(1.24)	0.00	0.00	0.00	0.03	0.01	(0.04)	0.00	1.34
1997	Wet	(2.81)	(0.39)	0.25	0.00	0.00	0.00	0.01	0.02	0.02	(5.57)	0.00	3.07	(0.45)
1998	Wet	4.15	(14.64)	(2.87)	18.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.02	0.00	0.00
2000	Above Normal	1.73	(0.93)	0.24	(1.25)	0.00	0.00	0.00	0.00	0.03	0.00	(0.02)	0.01	(0.02)
2001	Dry	(0.10)	(0.03)	1.01	(0.02)	(0.01)	(0.01)	(0.01)	(0.08)	(0.01)	(0.06)	(1.13)	0.01	(0.04)
2002	Dry	0.02	0.01	0.00	0.23	0.00	0.00	0.03	0.03	0.02	0.01	0.02	0.02	0.03
2003	Above Normal	2.02	0.07	(2.40)	0.00	0.00	0.00	0.00	0.00	0.02	(0.15)	0.02	0.11	(0.03)
	Average	(0.37)	1.35	(0.68)	0.50	(0.40)	0.04	0.02	(0.19)	(0.54)	(0.44)	0.06	0.48	(0.01)
	Wet	(0.56)	1.93	(1.59)	0.70	0.03	0.01	0.00	(0.01)	(0.02)	(0.25)	0.02	0.07	0.03
	Above Normal	0.11	(0.51)	(0.19)	0.13	(0.04)	(0.04)	0.22	0.03	0.01	(0.49)	(1.23)	5.50	0.29
	Below Normal	(0.56)	5.47	0.19	(0.48)	(2.30)	0.34	(0.97)	(2.40)	(1.97)	0.02	(1.46)	(1.03)	(0.43)
	Dry	0.14	(0.05)	(0.14)	0.05	0.01	(0.13)	(0.06)	0.77	(0.86)	0.28	(0.92)	0.17	(0.06)
	Critical	(1.00)	(0.74)	(1.06)	2.27	(0.06)	0.12	1.12	0.34	(0.05)	(2.43)	4.65	(1.43)	0.15

Percent Difference in Energy generated (GWh) at Shasta Dam: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	3%	11%	-1%	0%	-7%	0%	0%	-5%	-5%	0%	-5%	-12%
1924	Critical	-9%	-8%	-9%	173%	1%	1%	7%	1%	3%	3%	4%	-9%
1925	Dry	2%	2%	2%	0%	1%	1%	1%	1%	1%	0%	1%	5%
1926	Dry	1%	1%	1%	1%	0%	0%	0%	9%	-2%	0%	-8%	-5%
1927	Wet	1%	1%	1%	5%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%	1%
1929	Critical	-9%	1%	0%	0%	0%	0%	0%	0%	0%	0%	4%	1%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	2%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1933	Critical	-1%	0%	0%	0%	0%	0%	1%	-5%	-4%	-3%	9%	-3%
1934	Critical	20%	-1%	-6%	-1%	-1%	0%	-1%	5%	-1%	-17%	42%	-14%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1939	Dry	-1%	13%	-4%	0%	0%	0%	-1%	-1%	-2%	0%	-3%	2%
1940	Above Normal	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	9%
1941	Wet	0%	0%	-8%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1944	Dry	0%	4%	0%	0%	0%	-6%	0%	0%	0%	-1%	-1%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	-9%	-9%	-5%	0%	-5%	-8%
1946	Below Normal	-7%	30%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	14%	-26%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	-1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	1%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-2%	0%	0%	0%	2%	0%	0%	0%	0%	0%	-1%
1967	Wet	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1968	Below Normal	-2%	16%	-1%	-1%	-9%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	19%
1974	Wet	-15%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	-1%	0%
1977	Critical	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	7%	0%	-4%	0%	0%	0%	-3%	0%	-1%	0%	9%
1980	Above Normal	-7%	-2%	0%	0%	0%	0%	2%	0%	0%	0%	-8%	42%
1981	Dry	2%	-21%	0%	0%	0%	0%	0%	0%	0%	1%	3%	-1%
1982	Wet	0%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1987	Dry	0%	7%	0%	0%	0%	0%	0%	0%	-3%	0%	1%	1%
1988	Critical	1%	0%	0%	0%	-1%	0%	1%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	14%	-7%	-6%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	1%
1998	Wet	3%	-8%	-3%	9%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	1%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	2%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	1%	-1%	2%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	1%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	6%
	Below Normal	0%	4%	0%	0%	-1%	0%	-1%	-1%	-1%	0%	-1%	-1%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	-1%	-1%	14%	0%	0%	1%	0%	0%	-1%	5%	-2%

Energy generated (GWh) at Spring Creek: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	107.31	27.65	14.54	18.59	17.92	4.93	32.01	19.85	0.00	44.35	44.49	58.86	390.50
1923	Below Normal	27.07	17.65	21.60	16.62	7.59	0.67	14.90	5.94	34.61	60.00	67.94	43.87	318.46
1924	Critical	27.09	3.77	0.00	76.90	9.27	0.00	13.13	0.00	5.38	44.42	44.57	9.24	233.77
1925	Dry	10.34	11.21	12.77	94.42	47.81	13.04	23.03	22.90	22.06	52.33	28.93	28.94	367.78
1926	Dry	13.25	5.57	3.22	4.37	41.81	5.44	8.66	3.94	18.43	28.74	36.77	36.07	206.27
1927	Wet	13.16	19.97	26.42	23.41	61.46	33.44	17.89	11.52	0.00	44.44	44.63	59.04	355.38
1928	Above Normal	42.41	32.45	10.62	21.90	31.56	43.05	11.12	0.00	0.00	17.89	60.17	58.98	330.15
1929	Critical	27.07	15.54	7.89	97.58	3.69	1.21	0.00	5.46	26.41	75.65	44.50	28.86	333.86
1930	Dry	13.14	5.27	23.84	7.80	18.19	12.52	0.00	4.45	26.21	36.63	61.60	28.95	238.60
1931	Critical	13.23	5.53	0.00	6.86	4.97	7.13	0.00	0.00	5.44	44.26	92.31	32.88	212.61
1932	Dry	39.50	11.09	0.00	0.00	5.89	15.36	6.36	0.00	4.91	61.77	33.61	2.14	180.63
1933	Critical	12.99	3.79	0.39	0.00	0.01	0.00	0.00	9.43	12.52	44.32	5.39	6.27	95.11
1934	Critical	42.65	4.90	2.65	8.61	7.97	4.79	4.18	11.98	5.39	46.16	115.47	50.95	305.70
1935	Below Normal	49.60	0.00	0.00	0.00	4.96	2.70	23.07	10.01	6.71	44.44	5.44	6.24	153.17
1936	Below Normal	5.56	2.38	0.00	34.69	37.38	13.82	2.57	0.00	0.00	28.73	36.66	28.82	190.61
1937	Below Normal	13.13	2.34	0.00	0.00	0.00	0.04	14.20	16.02	6.81	52.18	28.87	28.84	162.43
1938	Wet	11.62	31.62	40.18	5.57	22.03	57.27	47.14	43.54	7.28	0.00	44.58	45.81	356.64
1939	Dry	64.07	8.46	15.47	0.02	1.05	3.50	0.00	36.65	82.01	100.61	100.74	83.56	496.14
1940	Above Normal	44.19	28.64	4.19	32.26	63.64	37.10	16.65	1.23	18.09	60.06	60.15	43.92	410.12
1941	Wet	27.29	16.13	47.07	69.81	62.72	67.18	55.04	76.64	15.58	102.97	59.06	80.61	680.10
1942	Wet	61.80	16.36	86.91	37.90	56.37	3.30	24.00	7.51	0.81	54.35	48.17	75.59	473.07
1943	Wet	58.47	17.25	30.54	39.03	23.33	39.53	0.00	0.00	0.00	44.45	44.57	58.92	356.09
1944	Dry	42.47	15.86	3.07	5.03	13.44	35.07	0.00	2.33	50.24	100.66	73.26	43.81	385.24
1945	Below Normal	12.20	8.59	6.38	3.79	26.93	6.46	0.00	0.00	16.42	44.44	52.36	21.23	198.80
1946	Below Normal	13.99	12.53	40.33	18.51	6.53	2.48	0.00	0.00	14.44	44.39	60.16	43.89	257.25
1947	Dry	27.09	17.65	6.11	0.00	6.04	8.53	0.00	0.85	22.62	52.27	68.00	28.74	237.90
1948	Below Normal	14.33	5.02	0.00	14.56	5.31	5.63	19.46	8.43	2.80	0.00	44.61	0.00	120.15
1949	Dry	4.20	1.42	0.00	0.00	4.94	48.94	4.65	0.00	17.12	44.49	60.23	58.93	244.92
1950	Below Normal	27.06	15.64	3.00	9.34	10.13	3.29	1.97	2.81	17.60	59.95	52.25	43.86	246.90
1951	Above Normal	30.45	12.24	21.51	14.88	31.19	10.45	33.23	6.64	0.00	46.04	60.97	59.58	327.18
1952	Wet	44.10	23.01	27.07	17.52	40.63	25.88	86.35	6.70	3.43	89.26	51.37	76.93	492.25
1953	Wet	59.36	2.75	30.67	50.33	22.46	25.50	14.78	4.04	3.15	48.34	54.21	80.68	396.27
1954	Above Normal	61.41	49.99	28.33	40.55	36.38	88.03	79.51	1.32	0.00	46.20	46.10	60.38	538.20
1955	Dry	28.55	20.82	14.55	61.08	4.28	0.00	2.93	9.37	19.83	45.74	60.53	59.46	327.14
1956	Wet	27.91	18.93	47.69	65.48	31.48	37.29	38.93	2.76	0.00	44.93	12.04	71.37	398.81
1957	Above Normal	63.29	5.25	4.40	7.17	29.34	46.39	0.00	14.66	3.02	47.06	45.83	61.42	327.83
1958	Wet	39.48	49.77	62.75	80.21	115.11	66.69	40.16	81.38	0.37	88.00	55.68	78.34	757.94
1959	Below Normal	60.45	2.50	4.82	77.93	23.68	21.66	2.74	0.00	37.66	84.11	76.75	74.85	467.15
1960	Dry	27.79	16.43	4.26	7.71	26.51	14.34	0.00	1.85	0.00	45.94	60.99	44.77	250.59
1961	Dry	28.15	18.65	13.91	5.42	22.62	14.24	0.00	0.00	0.00	45.78	60.92	59.84	269.53
1962	Below Normal	28.06	18.57	11.88	2.09	33.05	20.25	0.00	0.00	16.65	45.47	61.08	44.62	281.72
1963	Wet	10.95	5.06	6.37	3.74	27.72	4.75	34.75	6.47	1.31	47.44	46.01	44.86	239.43
1964	Dry	29.03	46.46	20.19	31.52	31.21	0.77	5.92	3.31	32.26	100.67	80.31	43.96	425.61
1965	Wet	26.99	15.54	28.06	31.49	7.54	0.00	12.04	0.00	0.00	44.55	44.48	44.02	254.71
1966	Below Normal	42.37	37.02	12.07	20.61	21.35	15.44	36.29	0.00	0.00	44.48	94.19	58.98	382.80
1967	Wet	42.42	24.66	29.21	45.92	33.20	43.04	22.80	13.05	0.08	57.22	51.65	81.43	444.68
1968	Below Normal	65.85	5.89	11.11	21.17	23.99	24.36	0.00	0.11	19.20	70.15	66.65	58.94	367.42
1969	Wet	27.07	17.13	11.92	39.19	39.54	17.88	12.36	36.14	1.21	49.11	48.09	52.77	352.41
1970	Wet	60.79	2.40	104.21	126.05	23.83	30.91	10.58	0.00	17.69	67.06	63.81	76.11	583.44
1971	Wet	28.95	30.31	22.77	33.90	14.43	29.56	20.62	7.47	6.53	5.52	44.09	76.67	320.82
1972	Below Normal	61.23	9.52	10.94	32.46	8.63	108.90	0.00	0.00	0.00	48.61	62.81	63.73	406.83
1973	Above Normal	31.69	17.15	7.14	34.55	45.75	40.22	13.57	4.72	0.00	48.42	86.75	61.65	391.61
1974	Wet	31.16	53.59	42.03	126.05	25.19	58.71	43.27	9.01	3.78	49.06	53.49	78.02	573.36
1975	Wet	62.00	2.87	9.36	4.36	25.20	56.93	18.54	6.80	3.90	76.28	52.00	78.87	397.11
1976	Critical	68.06	20.93	16.21	96.64	4.78	0.00	0.00	1.31	42.23	102.80	71.03	46.60	470.59
1977	Critical	30.33	16.94	25.59	9.46	3.55	0.00	0.00	1.30	8.46	49.67	138.83	3.46	287.59
1978	Above Normal	104.35	0.34	0.75	95.30	36.71	41.15	14.49	2.98	0.00	43.62	44.89	32.68	417.26
1979	Below Normal	4.96	3.78	3.08	4.22	10.37	14.74	0.00	3.31	18.81	46.74	54.19	44.81	209.01
1980	Above Normal	6.89	7.43	2.54	17.11	47.57	21.36	4.05	0.00	38.50	46.83	62.76	62.22	317.26
1981	Dry	27.12	10.06	9.67	24.89	18.26	19.61	0.00	1.56	21.50	73.42	92.15	45.71	343.95
1982	Wet	30.30	23.80	33.66	30.16	29.57	57.29	21.22	5.20	0.50	46.89	0.00	24.98	303.57
1983	Wet	76.57	26.06	23.05	47.22	67.54	121.72	46.09	103.69	104.96	107.14	79.71	89.51	893.26
1984	Wet	69.13	82.64	56.08	70.23	12.95	19.60	0.00	0.00	0.00	44.97	44.48	58.85	458.93
1985	Dry	42.49	21.07	7.53	53.53	3.61	0.00	0.00	4.51	34.95	100.55	99.55	43.98	411.77
1986	Wet	28.04	6.30	4.87	14.98	70.02	29.49	72.16	0.00	14.20	61.09	60.17	74.17	435.49
1987	Dry	27.00	16.86	4.17	5.29	11.22	19.27	0.00	1.22	78.18	100.72	89.25	53.65	406.83
1988	Critical	15.41	6.49	18.79	16.51	4.20	0.00	8.46	9.41	29.13	75.55	44.49	29.54	257.98
1989	Dry	15.77	14.28	2.28	37.67	1.41	40.80	0.00	0.00	14.58	56.02	37.18	29.65	249.64
1990	Critical	18.31	5.79	0.00	9.18	1.99	0.00	0.00	9.81	11.71	37.60	44.42	28.78	167.59
1991	Critical	13.20	5.80	0.00	0.00	0.00	8.50	0.00	0.33	5.43	44.33	44.58	6.11	128.28
1992	Critical	8.42	4.66	0.00	0.00	36.42	30.11	0.99	1.13	8.64	45.27	100.61	95.71	331.96
1993	Above Normal	51.28	58.67	0.00	18.79	31.00	27.67	6.54	8.74	13.05	2.59	44.34	29.77	292.44
1994	Critical	6.42	2.88	4.58	6.00	9.30	1.94	0.00	3.73	28.59	69.85	46.25	28.81	208.35
1995	Wet	12.81	4.42	0.77	116.98	25.76	70.70	14.50	10.36	5.91	23.31	57.85	83.73	427.10
1996	Wet	61.37	3.39	55.83	43.56	34.71	64.93	9.96	2.50	0.00	45.91	39.07	44.97	406.20
1997	Wet	27.53	19.48	49.20	49.36	13.08	0.72	31.12	0.00	29.29	60.01	67.92	47.49	395.20
1998	Wet	34.73	13.61	7.31	43.99	113.86	46.57	54.31	25.38	102.37	110.94	67.39	80.64	701.10
1999	Wet	61.10	45.32	41.03	22.57	22.82	63.84	17.23	4.19	0.16	47.49	46.14	55.74	427.63
2000	Above Normal	57.50	19.87	8.73	69.75	65.60	33.06	83.38	9.43	6.10	45.40	53.06	87.75	539.63
2001	Dry	27.03	15.55	2.92	9.58	26.84	29.07	0.94	10.82	41.67	100.97	101.34	44.56	411.29
2002	Dry	61.22	23.02	30.88	33.10	14.75	5.13	0.00	0.00	16.36	44.72	60.14	43.83	333.15
2003	Above Normal	27.02	15.81	39.98	34.07	9.50	9.59	18.65	17.99	0.00	66.45	51.63	81.49	372.18
	Average	35.37	16.66	17.61	31.82	25.30	25.07	15.53	9.22	15.67	55.14	57.36	50.36	355.10
	Wet	39.81	22.01	35.58	47.65	39.33	41.26	29.46	17.86	12.40	56.18	49.26	66.16	456.96
	Above Normal	52.32	22.96	11.89	33.74	37.18	33.58	26.10	7.30	6.56	42.91	55.10	58.23	387.86
	Below Normal	30.42	10.10	8.94	18.29	15.71	17.17	8.23	3.33	13.69	48.12	54.57	40.19	268.76
	Dry	29.35	15.54	9.71	21.19	16.66	15.87	2.92	5.76	27.94	66.22	66.97	43.36	321.50
	Critical	23.60	8.09	6.34	27.31	7.18	4.47	2.23	4.49	15.78	56.66	66.04	30.60	252.78

Energy generated (GWh) at Spring Creek: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	107.31	27.65	14.54	18.59	17.92	4.93	32.01	19.85	0.00	44.35	44.49	58.86	390.50
1923	Below Normal	27.07	17.65	21.60	16.62	7.59	0.67	14.90	5.94	34.61	60.00	67.94	43.87	318.46
1924	Critical	27.09	3.77	0.00	42.01	9.27	0.00	0.00	0.00	5.38	44.42	44.57	31.85	208.36
1925	Dry	10.34	11.21	12.77	94.42	47.81	13.04	23.03	22.90	22.06	52.33	28.93	21.40	360.24
1926	Dry	13.25	5.57	3.22	4.37	41.81	5.44	8.66	3.94	18.43	52.17	36.77	28.93	222.56
1927	Wet	13.16	19.97	26.42	18.91	61.46	33.44	17.89	11.52	0.00	44.44	44.63	59.04	350.88
1928	Above Normal	42.41	32.45	10.62	21.90	31.56	43.05	11.12	0.00	0.00	24.41	60.17	58.98	336.67
1929	Critical	42.46	15.54	7.89	97.58	3.69	1.21	0.00	5.46	26.41	75.65	44.50	28.86	349.25
1930	Dry	13.14	5.27	23.84	7.80	18.19	12.52	0.00	4.45	26.21	36.63	60.13	28.95	237.13
1931	Critical	13.23	5.53	0.00	6.86	4.97	7.13	0.00	0.00	5.44	44.26	91.39	32.93	211.74
1932	Dry	39.40	11.12	0.00	0.00	5.89	15.36	6.32	0.00	4.95	61.18	33.56	2.05	179.83
1933	Critical	13.67	3.73	0.39	0.00	0.01	0.00	0.00	9.43	12.52	44.32	5.39	6.27	95.73
1934	Critical	40.58	4.67	3.82	8.61	7.97	4.79	4.18	0.10	5.39	100.61	69.75	86.06	336.53
1935	Below Normal	15.73	0.00	0.00	0.00	4.96	2.70	23.07	10.01	6.71	44.44	5.44	6.24	119.30
1936	Below Normal	5.56	2.38	0.00	34.69	37.38	13.82	2.57	0.00	0.00	28.73	36.66	28.82	190.61
1937	Below Normal	13.13	2.34	0.00	0.00	0.00	0.04	14.20	16.02	6.81	52.18	28.87	28.84	162.43
1938	Wet	11.62	31.62	40.18	5.57	22.03	57.27	47.14	43.54	7.28	0.00	44.58	45.81	356.64
1939	Dry	64.07	8.46	15.47	0.02	1.05	3.50	0.00	37.52	86.01	100.61	100.74	82.76	500.21
1940	Above Normal	46.59	29.02	4.19	32.26	63.64	37.10	16.65	1.23	18.09	60.06	60.15	43.92	412.90
1941	Wet	27.29	16.13	47.07	69.81	62.72	67.18	55.04	76.64	15.58	102.97	59.06	80.61	680.10
1942	Wet	61.80	16.36	86.84	37.90	56.37	3.30	24.00	7.51	0.81	54.35	48.17	75.59	473.00
1943	Wet	58.47	17.25	30.54	38.69	23.33	39.53	0.00	0.00	0.00	44.45	44.57	58.92	355.75
1944	Dry	42.47	15.86	3.07	5.03	13.44	38.90	0.00	2.33	50.53	100.66	72.58	43.81	388.68
1945	Below Normal	12.20	8.59	6.38	3.79	26.93	6.46	0.00	0.00	16.42	44.44	52.36	21.23	198.80
1946	Below Normal	13.99	9.60	40.33	18.51	6.53	2.48	0.00	0.00	14.44	44.39	60.16	43.89	254.32
1947	Dry	27.09	17.65	6.11	0.00	6.04	8.53	0.00	0.85	22.62	52.27	68.00	28.74	237.90
1948	Below Normal	14.33	5.02	0.00	14.56	5.31	5.63	19.46	8.43	2.80	0.00	44.61	0.00	120.15
1949	Dry	4.20	1.42	0.00	0.00	4.94	48.94	4.65	0.00	17.12	44.49	60.23	58.93	244.92
1950	Below Normal	27.06	15.64	3.00	9.34	10.13	3.29	1.97	2.81	17.60	59.95	52.25	43.86	246.90
1951	Above Normal	31.47	12.24	21.51	14.88	31.19	10.45	33.23	6.64	0.00	46.04	60.97	59.58	328.20
1952	Wet	44.10	23.01	27.07	17.52	40.63	25.88	86.35	6.70	3.43	89.26	51.37	76.93	492.25
1953	Wet	59.36	2.75	30.67	50.33	22.46	25.50	14.78	4.04	3.15	48.34	54.21	80.68	396.27
1954	Above Normal	61.41	49.99	28.33	40.55	36.38	88.03	79.51	1.32	0.00	46.20	46.10	60.38	538.20
1955	Dry	28.55	20.82	14.55	61.24	4.28	0.00	2.93	9.37	19.83	45.74	60.53	59.46	327.30
1956	Wet	27.91	18.93	47.69	65.48	31.48	37.29	38.93	2.76	0.00	44.93	12.02	71.38	398.80
1957	Above Normal	63.29	5.25	4.40	7.17	29.34	46.39	0.00	14.66	3.02	47.06	45.83	61.42	327.83
1958	Wet	39.48	49.77	62.75	80.21	115.11	66.69	40.15	81.38	0.37	88.00	55.68	78.34	757.93
1959	Below Normal	60.45	2.50	4.82	77.93	23.68	21.66	2.89	0.00	37.66	84.11	76.81	74.85	467.36
1960	Dry	27.79	16.43	4.26	7.71	26.51	14.34	0.00	1.85	0.00	45.94	60.99	44.77	250.59
1961	Dry	28.15	18.65	13.91	5.42	22.62	14.24	0.00	0.00	0.00	45.78	60.92	59.84	269.53
1962	Below Normal	28.06	18.57	11.88	2.09	33.05	20.25	0.00	0.00	16.65	45.47	61.08	44.62	281.72
1963	Wet	10.95	5.06	6.37	3.74	27.53	4.75	34.75	6.47	1.31	47.44	46.01	44.86	239.24
1964	Dry	29.03	46.46	20.19	31.37	31.23	0.77	5.92	3.31	32.26	100.67	80.38	43.96	425.55
1965	Wet	26.99	15.54	28.06	31.49	7.54	0.00	12.04	0.00	0.00	44.55	44.48	44.02	254.71
1966	Below Normal	42.37	37.02	12.07	20.61	21.35	15.44	36.29	0.00	0.00	44.48	94.67	58.98	383.28
1967	Wet	42.42	24.66	28.75	45.92	33.20	43.04	22.80	13.05	0.08	57.22	51.65	81.43	444.22
1968	Below Normal	65.85	5.89	11.11	21.17	23.99	24.36	0.00	0.11	19.20	70.15	66.65	58.94	367.42
1969	Wet	27.07	17.13	11.92	39.19	39.54	17.88	12.36	36.14	1.21	49.11	48.09	52.77	352.41
1970	Wet	60.79	2.40	103.17	126.05	23.83	30.91	10.59	0.00	17.69	67.16	63.81	76.11	582.51
1971	Wet	28.95	30.31	22.77	33.90	14.43	29.46	20.62	7.47	6.53	5.52	44.09	76.67	320.72
1972	Below Normal	61.23	9.52	10.94	32.46	8.63	108.90	0.00	0.00	0.00	48.61	62.81	63.73	406.83
1973	Above Normal	31.69	17.15	7.14	34.55	45.75	40.22	13.57	4.72	0.00	48.42	86.75	61.65	391.61
1974	Wet	31.16	53.59	42.03	126.05	25.19	58.71	43.27	9.01	3.78	49.06	53.49	78.02	573.36
1975	Wet	62.00	2.87	9.36	4.36	25.20	56.93	18.54	6.80	3.90	76.28	52.00	78.87	397.11
1976	Critical	68.06	20.93	16.21	96.64	4.78	0.00	0.00	1.31	42.96	102.80	71.03	46.60	471.32
1977	Critical	30.33	16.51	25.44	9.51	3.40	0.00	0.00	1.30	8.46	49.67	138.83	3.46	286.91
1978	Above Normal	104.28	0.34	0.75	95.30	36.71	41.15	14.49	2.98	0.00	43.62	44.89	32.68	417.19
1979	Below Normal	4.96	3.78	3.08	8.72	10.37	14.74	0.00	8.00	18.81	46.74	54.19	44.81	218.20
1980	Above Normal	6.89	7.43	2.54	17.11	47.57	21.36	0.81	0.00	38.50	46.83	62.76	62.22	314.02
1981	Dry	27.12	17.38	9.67	24.90	18.26	19.61	0.00	1.56	21.50	69.06	83.63	45.71	338.40
1982	Wet	30.30	23.80	33.66	29.92	29.57	57.29	21.22	5.20	0.50	46.89	0.00	24.98	303.33
1983	Wet	76.57	26.06	23.05	47.22	67.54	121.72	46.09	103.69	104.96	107.14	79.71	89.51	893.26
1984	Wet	69.13	82.64	56.08	70.23	12.95	19.60	0.00	0.00	0.00	44.97	44.48	58.85	458.93
1985	Dry	42.49	21.07	7.53	53.53	3.61	0.00	0.00	4.51	34.96	100.55	99.55	43.98	411.78
1986	Wet	28.04	6.30	4.87	14.98	70.02	29.49	72.16	0.00	14.20	61.09	60.17	74.17	435.49
1987	Dry	27.00	16.86	4.17	5.29	11.22	19.27	0.00	1.22	88.22	100.72	86.07	52.18	412.22
1988	Critical	13.53	6.50	18.79	16.51	4.20	0.00	7.44	9.41	29.13	75.55	44.49	29.54	255.09
1989	Dry	15.77	14.28	2.28	37.18	1.41	40.80	0.00	0.00	14.58	56.02	37.18	29.65	249.15
1990	Critical	18.31	5.79	0.00	9.18	1.99	0.00	0.00	9.81	11.71	37.60	44.42	28.78	167.59
1991	Critical	13.20	5.80	0.00	0.00	0.00	8.50	0.00	0.33	5.43	44.33	44.58	6.11	128.28
1992	Critical	8.42	4.66	0.00	0.00	36.42	30.11	0.99	1.13	8.64	45.27	100.61	96.58	332.83
1993	Above Normal	51.29	58.73	0.00	18.79	31.00	27.67	6.54	8.74	13.05	2.59	44.19	29.77	292.36
1994	Critical	6.42	2.88	4.58	6.00	9.30	1.95	0.00	3.28	28.13	69.85	46.25	28.81	207.45
1995	Wet	12.81	4.42	0.77	116.98	25.76	70.70	14.50	10.36	5.91	21.96	57.85	83.73	425.75
1996	Wet	61.37	3.39	55.83	43.56	34.71	64.93	9.96	2.50	0.00	45.91	39.16	44.97	406.29
1997	Wet	27.53	19.48	49.20	49.36	13.08	0.72	31.12	0.00	29.29	60.01	67.92	45.28	392.99
1998	Wet	34.73	13.61	11.81	43.99	113.86	46.57	54.31	25.38	102.35	110.94	67.39	80.64	705.58
1999	Wet	61.10	45.32	41.03	22.57	22.82	63.84	17.23	4.19	0.16	47.49	46.14	55.74	427.63
2000	Above Normal	57.50	19.87	8.73	69.75	65.60	33.06	83.38	9.43	6.10	45.40	53.06	87.75	539.63
2001	Dry	27.03	15.55	2.92	9.58	26.84	29.07	0.94	10.92	41.67	100.97	101.34	44.56	411.39
2002	Dry	60.92	23.02	30.88	33.10	14.75	5.13	0.00	0.00	16.36	44.72	60.14	43.83	332.85
2003	Above Normal	27.02	15.81	39.98	34.07	9.50	9.59	18.65	17.99	0.00	66.65	51.63	81.49	372.38
	Average	35.14	16.71	17.66	31.38	25.30	25.11	15.32	9.14	15.85	56.09	56.63	50.84	355.17
	Wet	39.81	22.01	35.69	47.46	39.32	41.25	29.46	17.86	12.40	56.13	49.26	66.07	456.74
	Above Normal	52.60	22.99	11.89	33.74	37.18	33.58	25.83	7.30	6.56	43.47	55.08	58.23	388.46
	Below Normal	28.00	9.89	8.94	18.61	15.71	17.17	8.24	3.67	13.69	48.12	54.61	40.19	266.84
	Dry	29.32	15.95	9.71	21.16	16.66	16.08	2.91	5.82	28.74	67.25	66.20	42.42	322.24
	Critical	24.61	8.03	6.43	24.41	7.17	4.47	1.05	3.46	15.80	61.19	62.15	35.49	254.26

Difference in Energy generated (GWh) at Spring Creek: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	(34.89)	0.00	0.00	(13.13)	0.00	0.00	0.00	0.00	22.61	(2.12)
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(7.54)	(0.63)
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.43	0.00	(7.14)	1.36
1927	Wet	0.00	0.00	0.00	(4.50)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.38)
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.52	0.00	0.00	0.54
1929	Critical	15.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.28
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.47)	0.00	(0.12)
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.92)	0.05	(0.07)
1932	Dry	(0.10)	0.03	0.00	0.00	0.00	0.00	(0.04)	0.00	0.04	(0.59)	(0.05)	(0.09)	(0.07)
1933	Critical	0.68	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
1934	Critical	(2.07)	(0.23)	1.17	0.00	0.00	0.00	0.00	(11.88)	0.00	54.45	(45.72)	35.11	2.57
1935	Below Normal	(33.87)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(2.82)
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	4.00	0.00	0.00	(0.80)	0.34
1940	Above Normal	2.40	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1943	Wet	0.00	0.00	0.00	(0.34)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1944	Dry	0.00	0.00	0.00	0.00	0.00	3.83	0.00	0.00	0.29	0.00	(0.68)	0.00	0.29
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	(2.93)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.24)
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.01	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.06	0.00	0.02
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	(0.19)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1964	Dry	0.00	0.00	0.00	(0.15)	0.02	0.00	0.00	0.00	0.00	0.00	0.07	0.00	(0.01)
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.04
1967	Wet	0.00	0.00	(0.46)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	(1.04)	0.00	0.00	0.00	0.01	0.00	0.00	0.10	0.00	0.00	(0.08)
1971	Wet	0.00	0.00	0.00	0.00	0.00	(0.10)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.00	0.00	0.00	0.06
1977	Critical	0.00	(0.43)	(0.15)	0.05	(0.15)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)
1978	Above Normal	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1979	Below Normal	0.00	0.00	0.00	4.50	0.00	0.00	0.00	4.69	0.00	0.00	0.00	0.00	0.77
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(3.24)	0.00	0.00	0.00	0.00	0.00	(0.27)
1981	Dry	0.00	7.32	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(4.36)	(8.52)	0.00	(0.46)
1982	Wet	0.00	0.00	0.00	(0.24)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.04	0.00	(3.18)	(1.47)	0.45
1988	Critical	(1.88)	0.01	0.00	0.00	0.00	0.00	(1.02)	0.00	0.00	0.00	0.00	0.00	(0.24)
1989	Dry	0.00	0.00	0.00	(0.49)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.07
1993	Above Normal	0.01	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.15)	0.00	(0.01)
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.01	0.00	(0.45)	(0.46)	0.00	0.00	0.00	(0.08)
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.35)	0.00	0.00	(0.11)
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.01
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(2.21)	(0.18)
1998	Wet	0.00	0.00	4.50	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.37
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.01
2002	Dry	(0.30)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.02
	Average	(0.23)	0.05	0.05	(0.44)	(0.00)	0.05	(0.21)	(0.08)	0.18	0.96	(0.73)	0.48	0.01
	Wet	0.00	0.00	0.11	(0.20)	(0.01)	(0.00)	0.00	0.00	(0.00)	(0.05)	0.00	(0.08)	(0.02)
	Above Normal	0.28	0.04	0.00	0.00	0.00	0.00	(0.27)	0.00	0.00	0.56	(0.01)	0.00	0.05
	Below Normal	(2.42)	(0.21)	0.00	0.32	0.00	0.00	0.01	0.34	0.00	0.00	0.04	0.00	(0.16)
	Dry	(0.02)	0.41	0.00	(0.03)	0.00	0.21	(0.00)	0.05	0.80	1.03	(0.77)	(0.95)	0.06
	Critical	1.01	(0.06)	0.09	(2.90)	(0.01)	0.00	(1.18)	(1.03)	0.02	4.54	(3.89)	4.89	0.12

Percent Difference in Energy generated (GWh) at Spring Creek: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	-45%	0%	0%	-100%	0%	0%	0%	0%	245%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-26%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	82%	0%	-20%
1927	Wet	0%	0%	0%	-19%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	36%	0%	0%
1929	Critical	57%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	-1%	0%	1%	-1%	0%	-4%
1933	Critical	5%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	-5%	-5%	44%	0%	0%	0%	0%	-99%	0%	118%	-40%	69%
1935	Below Normal	-68%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	2%	5%	0%	0%	-1%
1940	Above Normal	5%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	11%	0%	0%	1%	0%	-1%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	-23%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1967	Wet	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%
1977	Critical	0%	-3%	-1%	1%	-4%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	107%	0%	0%	0%	142%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	-80%	0%	0%	0%	0%	0%
1981	Dry	0%	73%	0%	0%	0%	0%	0%	0%	0%	-6%	-9%	0%
1982	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	13%	0%	-4%	-3%
1988	Critical	-12%	0%	0%	0%	0%	0%	-12%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	1%	0%	-12%	-2%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-6%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-5%
1998	Wet	0%	0%	62%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	1%	1%	0%	0%	0%	-2%	0%	0%	3%	-1%	3%
	Wet	0%	0%	2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	1%	0%	0%	0%	0%	0%	-7%	0%	0%	3%	0%	0%
	Below Normal	-5%	-2%	0%	8%	0%	0%	0%	10%	0%	0%	0%	0%
	Dry	0%	4%	0%	0%	0%	1%	0%	0%	1%	4%	-1%	-3%
	Critical	4%	-1%	4%	-4%	0%	0%	-9%	-9%	0%	10%	-3%	26%

Energy generated (GWh) at Syst. Tot.: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	490.03	302.06	178.70	159.10	222.43	260.18	361.50	626.71	679.86	669.93	604.84	525.72	5,081.06
1923	Below Normal	290.50	290.47	251.02	222.86	209.16	224.21	278.47	633.61	596.12	684.31	558.19	354.26	4,593.18
1924	Critical	296.41	207.36	188.53	293.92	141.19	194.38	361.05	343.39	366.96	452.02	380.29	178.62	3,404.12
1925	Dry	135.36	99.77	105.58	251.59	194.76	156.86	281.91	478.93	529.76	654.19	476.91	286.71	3,652.33
1926	Dry	246.96	177.66	158.75	146.55	159.56	166.26	231.20	393.70	518.76	568.86	448.81	271.23	3,488.30
1927	Wet	201.51	140.97	179.57	230.28	683.56	256.67	543.64	618.18	604.97	677.95	522.03	644.96	5,304.29
1928	Above Normal	310.89	313.77	184.00	198.76	146.39	559.89	305.56	482.73	566.56	690.77	553.76	502.08	4,815.16
1929	Critical	281.98	236.62	154.00	329.14	124.46	155.87	292.02	350.33	430.49	585.39	474.54	244.71	3,659.55
1930	Dry	200.55	146.99	131.50	129.99	124.20	171.54	267.65	372.36	496.86	535.34	471.27	240.11	3,288.36
1931	Critical	198.66	145.63	136.98	129.62	120.21	143.75	348.61	317.98	325.67	445.93	460.14	163.12	2,936.30
1932	Dry	212.12	105.89	87.79	93.54	116.84	151.06	228.28	293.62	389.71	444.04	368.83	201.13	2,692.85
1933	Critical	180.95	144.26	121.12	114.27	102.65	123.05	230.39	288.91	349.54	441.86	336.56	194.59	2,628.15
1934	Critical	212.31	105.27	95.71	99.58	95.13	123.20	276.20	334.46	354.33	429.61	413.39	226.22	2,765.41
1935	Below Normal	194.10	86.27	89.25	94.19	91.23	121.47	230.89	329.94	434.48	562.34	365.53	229.34	2,829.03
1936	Below Normal	190.72	146.28	135.71	196.23	251.52	236.96	304.61	423.16	475.72	611.73	455.33	333.47	3,761.44
1937	Below Normal	225.87	180.55	141.38	128.34	134.03	178.35	222.83	360.98	409.52	619.66	450.38	277.88	3,329.77
1938	Wet	191.82	187.95	603.57	180.59	652.05	788.93	598.32	652.22	671.82	588.60	629.33	622.31	6,367.51
1939	Dry	391.04	281.07	221.23	161.37	167.79	140.38	433.44	515.38	665.51	758.40	633.97	383.88	4,753.46
1940	Above Normal	284.36	243.73	136.50	169.26	691.72	769.18	343.47	492.31	590.59	776.04	564.53	396.21	5,457.90
1941	Wet	286.99	245.88	290.45	710.84	683.93	636.25	644.91	848.53	612.68	806.42	708.81	737.99	7,213.68
1942	Wet	413.03	364.95	646.15	752.09	729.56	250.41	370.26	694.74	583.91	683.62	665.25	725.55	6,879.52
1943	Wet	404.13	418.34	258.60	546.98	432.10	711.82	376.57	541.69	569.60	772.12	545.90	662.00	6,239.85
1944	Dry	352.77	351.87	181.65	181.06	144.17	218.94	348.70	363.19	515.60	723.59	546.15	286.79	4,214.48
1945	Below Normal	211.72	167.68	145.76	151.43	260.78	236.49	343.63	498.46	575.83	678.79	532.09	351.81	4,154.47
1946	Below Normal	248.20	185.06	723.35	336.23	189.16	224.34	420.59	560.99	599.50	699.35	572.05	370.07	5,128.89
1947	Dry	297.24	215.04	179.32	165.51	135.15	199.89	335.72	498.97	496.07	643.06	542.29	277.00	3,985.26
1948	Below Normal	190.37	153.66	155.56	139.33	156.43	163.56	213.35	552.65	488.00	520.38	527.66	323.26	3,584.21
1949	Dry	255.63	194.12	175.95	167.50	136.78	345.81	332.46	473.35	549.93	658.90	553.37	348.00	4,191.80
1950	Below Normal	295.33	222.17	187.81	196.31	228.58	223.96	320.04	459.58	482.36	630.08	474.15	322.76	4,043.13
1951	Above Normal	325.28	412.09	574.75	356.76	567.27	279.00	500.66	513.03	572.47	772.94	561.79	438.69	5,874.73
1952	Wet	311.99	303.44	416.96	405.99	670.02	530.10	998.81	679.85	577.34	854.18	738.19	653.90	7,140.77
1953	Wet	447.53	329.07	244.99	823.93	209.88	238.69	366.52	613.99	598.76	682.92	611.31	719.97	5,887.56
1954	Above Normal	371.27	462.07	227.00	424.69	612.80	599.95	724.28	495.00	494.68	750.96	519.56	486.60	6,168.86
1955	Dry	295.45	263.48	190.35	301.12	155.95	171.39	308.33	416.05	491.12	641.03	543.92	346.34	4,124.53
1956	Wet	256.56	188.48	698.36	752.24	653.24	298.91	396.89	731.50	624.11	624.13	494.19	661.83	6,380.44
1957	Above Normal	421.02	394.89	188.35	184.78	156.53	491.54	325.38	553.07	509.85	748.20	518.86	457.78	4,950.25
1958	Wet	316.70	381.18	468.89	595.41	855.79	891.32	594.74	768.12	644.82	831.86	717.76	650.58	7,717.17
1959	Below Normal	454.24	376.48	185.41	370.98	447.34	186.86	405.18	494.87	648.66	794.94	575.04	321.65	5,261.65
1960	Dry	300.51	215.44	181.23	153.10	151.34	220.68	336.74	370.97	530.71	646.19	512.42	337.46	3,956.79
1961	Dry	276.80	201.80	225.10	148.24	319.76	239.45	297.24	430.09	495.74	676.67	537.52	357.22	4,205.63
1962	Below Normal	284.79	229.72	167.58	152.04	452.71	206.08	349.39	461.92	536.77	669.47	535.38	317.85	4,363.70
1963	Wet	321.01	249.73	341.01	229.27	391.86	247.57	799.69	526.69	497.52	720.74	494.75	532.05	5,351.89
1964	Dry	258.44	350.97	243.94	238.98	199.05	182.81	447.50	457.42	516.28	731.73	568.37	310.07	4,505.56
1965	Wet	235.99	186.84	631.37	711.14	225.71	206.93	402.51	536.21	577.36	707.90	475.45	592.06	5,489.47
1966	Below Normal	359.51	324.97	185.77	191.98	168.62	396.79	421.75	492.59	578.93	720.36	610.09	365.29	4,816.65
1967	Wet	344.00	202.66	419.54	487.32	367.74	707.66	451.27	827.70	606.89	714.57	694.71	660.92	6,484.98
1968	Below Normal	435.18	286.22	195.29	219.35	591.40	204.92	376.21	483.50	554.84	752.77	473.69	351.92	4,925.29
1969	Wet	257.35	187.46	184.85	713.99	661.35	309.51	572.12	806.10	680.35	730.20	650.34	627.37	6,380.99
1970	Wet	355.02	232.64	813.90	1,076.95	544.49	292.25	417.31	518.69	590.06	796.40	534.21	623.50	6,795.42
1971	Wet	320.40	228.55	271.95	542.32	205.60	704.36	379.72	571.30	556.37	559.47	515.97	644.83	5,500.84
1972	Below Normal	431.68	332.40	192.61	245.59	192.89	709.53	383.73	473.07	554.89	723.14	514.97	337.53	5,092.03
1973	Above Normal	284.74	215.10	285.81	597.73	646.58	329.17	320.08	521.13	584.03	744.11	577.54	423.99	5,530.01
1974	Wet	269.51	782.97	800.83	956.22	245.92	871.79	458.81	564.57	609.69	597.28	682.28	636.24	7,476.11
1975	Wet	436.28	395.30	190.73	173.31	188.06	791.04	309.19	647.97	623.91	687.71	610.82	656.89	5,711.21
1976	Critical	462.56	404.00	208.73	354.40	205.81	169.33	288.57	404.54	525.12	707.19	395.94	241.90	4,368.09
1977	Critical	294.61	208.85	235.13	175.51	211.65	187.17	346.90	241.21	409.30	457.90	465.15	105.66	3,339.04
1978	Above Normal	305.40	91.38	89.11	161.09	314.09	561.32	338.83	569.87	598.18	667.04	509.56	329.27	4,535.14
1979	Below Normal	273.98	249.08	178.35	182.03	156.84	188.32	256.54	449.97	585.60	620.92	448.35	337.10	3,927.08
1980	Above Normal	196.72	227.44	178.27	676.02	678.54	272.93	320.61	516.45	666.98	647.26	637.18	411.58	5,429.98
1981	Dry	296.77	321.36	183.55	186.78	140.26	146.14	247.91	470.84	620.69	715.53	554.90	301.68	4,186.41
1982	Wet	221.02	330.90	709.95	382.91	756.99	693.56	825.30	525.87	594.81	682.19	543.49	515.87	6,782.86
1983	Wet	530.06	449.95	671.39	872.30	859.84	1,059.40	631.55	832.59	1,032.88	1,021.72	840.70	743.85	9,546.23
1984	Wet	490.58	756.06	945.15	520.39	291.87	472.49	361.53	551.73	584.30	761.51	480.02	621.04	6,836.67
1985	Dry	276.96	273.27	233.81	293.83	140.36	163.66	350.51	533.70	605.65	726.45	620.30	306.55	4,525.05
1986	Wet	264.14	200.93	164.47	190.46	647.62	844.35	444.08	525.52	626.42	725.43	584.75	475.25	5,693.42
1987	Dry	255.83	269.75	194.66	164.10	140.56	147.11	365.03	481.34	714.77	744.00	524.88	306.84	4,308.87
1988	Critical	239.90	153.04	130.87	141.29	200.02	166.41	271.50	336.38	495.79	600.21	434.92	227.37	3,397.70
1989	Dry	212.20	116.20	123.07	189.18	114.94	275.75	248.63	511.27	511.39	637.66	407.84	215.09	3,563.22
1990	Critical	177.67	152.84	157.34	136.76	125.01	161.67	313.44	292.80	376.04	527.69	440.47	215.64	3,077.37
1991	Critical	190.25	150.28	124.15	163.30	112.19	116.78	167.56	281.21	326.70	459.53	369.64	148.15	2,609.74
1992	Critical	156.14	152.34	101.65	101.06	107.85	112.31	169.10	404.03	428.23	537.16	525.24	317.10	3,112.21
1993	Above Normal	211.76	226.37	93.09	111.72	190.13	238.91	283.06	422.31	519.11	553.64	459.72	443.26	3,753.08
1994	Critical	250.38	271.80	176.51	147.40	130.90	168.55	357.84	350.09	519.89	614.00	465.95	209.95	3,663.26
1995	Wet	189.16	148.80	118.78	491.57	305.10	755.09	433.51	719.70	617.63	610.09	695.08	618.21	5,702.72
1996	Wet	462.87	292.57	282.53	325.59	771.43	607.28	369.16	712.01	527.32	662.65	506.75	580.77	6,100.93
1997	Wet	361.46	371.92	851.38	1,005.22	391.73	254.37	485.57	575.15	610.98	764.51	503.74	565.70	6,741.73
1998	Wet	344.51	284.24	168.36	385.19	717.10	799.46	396.73	825.60	1,065.77	971.29	821.35	713.24	7,492.84
1999	Wet	474.59	478.05	493.89	424.18	746.80	615.19	318.49	648.35	594.26	693.29	522.17	625.62	6,634.88
2000	Above Normal	406.80	442.89	200.84	321.84	762.53	410.33	463.57	529.65	553.75	778.63	522.44	539.65	5,932.92
2001	Dry	302.96	348.38	190.71	170.68	127.27	143.71	286.70	523.88	654.27	766.39	571.68	283.30	4,369.93
2002	Dry	388.32	176.09	174.85	365.60	185.35	195.41	354.18	502.12	573.68	636.35	498.75	316.28	4,366.98
2003	Above Normal	303.76	222.17	395.81	526.16	164.47	166.90	443.30	730.38	525.95	817.24	483.49	526.24	5,305.87
	Average	300.05	263.00	274.98	328.01	330.54	348.00	382.07	514.94	556.74	670.74	535.85	419.96	4,924.88
	Wet	334.93	320.76	456.45	557.18	534.21	570.59	497.97	656.33	634.02	728.03	607.28	635.10	6,532.85
	Above Normal	326.00	296.16	227.69	323.99	429.46	411.61	394.19	537.72	571.83	718.06	542.77	456.76	5,236.25
	Below Normal	291.87	230.79	209.63	201.92	252.19	250.13	323.37	476.81	537.23	663.45	506.64	328.16	4,272.18
	Dry	275.33	228.29	176.84	194.93	158.56	190.94	316.79	449.29	548.69	661.58	521.23	298.65	4,021.10
	Critical	245.15	194.36	152.56	182.19	139.76	151.87	285.27	328.78	409.01	521.54	430.19	206.09	3,246.75

Energy generated (GWh) at Syst. Tot.: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	490.03	302.06	178.70	159.10	222.43	260.18	360.95	641.18	677.69	672.38	605.03	526.11	5,095.84
1923	Below Normal	295.96	312.35	247.05	222.49	203.95	223.89	273.47	614.55	578.88	680.69	550.42	335.38	4,539.08
1924	Critical	296.37	194.81	175.80	226.19	141.58	195.07	337.69	341.93	370.94	455.27	369.36	226.90	3,331.91
1925	Dry	136.97	100.91	106.64	253.10	194.99	157.47	276.77	463.29	521.50	651.90	473.09	272.03	3,608.66
1926	Dry	248.32	183.09	159.57	147.31	162.34	165.69	230.46	394.10	520.30	630.66	423.52	254.65	3,520.01
1927	Wet	202.65	140.45	178.70	221.16	685.26	256.76	539.91	607.96	603.13	677.11	522.87	644.76	5,280.72
1928	Above Normal	311.66	313.23	184.12	198.87	146.46	559.49	303.44	475.01	570.04	696.55	552.44	503.47	4,814.78
1929	Critical	313.59	237.84	154.26	329.04	125.01	155.84	291.24	348.16	424.67	584.47	485.98	245.35	3,695.45
1930	Dry	200.54	146.72	131.71	130.21	124.39	171.16	266.91	369.74	491.18	537.92	471.15	240.32	3,281.95
1931	Critical	198.76	145.72	137.10	129.74	120.34	143.70	348.20	316.61	321.31	452.51	456.41	163.34	2,933.74
1932	Dry	212.10	106.04	87.90	93.63	118.45	150.78	227.72	292.04	385.82	436.97	359.06	220.95	2,691.46
1933	Critical	200.50	153.33	118.83	111.61	100.86	121.19	229.01	280.73	344.10	434.37	338.55	189.28	2,622.36
1934	Critical	214.63	105.08	90.08	98.28	94.57	122.36	274.53	308.54	349.73	535.29	319.00	297.81	2,809.90
1935	Below Normal	112.19	86.27	89.25	94.19	91.23	121.48	230.84	329.54	434.67	561.43	363.91	229.32	2,744.32
1936	Below Normal	190.51	146.25	135.75	196.46	251.54	236.99	308.13	441.49	473.90	611.68	453.43	333.46	3,779.59
1937	Below Normal	225.84	180.52	141.38	128.35	134.03	178.35	224.47	367.46	433.18	617.60	447.64	277.92	3,356.74
1938	Wet	191.83	187.96	604.40	180.59	652.05	788.93	602.83	671.21	670.61	583.90	627.56	620.83	6,382.70
1939	Dry	389.74	298.72	215.98	161.06	167.37	139.85	429.48	512.19	665.60	754.49	623.31	382.86	4,740.65
1940	Above Normal	298.42	244.71	136.10	169.21	691.29	769.16	344.42	500.94	591.05	775.89	568.99	407.44	5,497.62
1941	Wet	287.14	243.32	275.85	707.68	683.91	631.09	644.16	849.09	611.64	804.56	707.69	737.99	7,184.12
1942	Wet	412.11	365.78	646.09	752.10	729.56	250.41	369.78	693.74	583.50	695.66	666.47	725.52	6,890.72
1943	Wet	404.15	417.97	258.68	546.54	432.10	711.82	381.75	546.37	560.73	767.01	542.33	665.16	6,234.61
1944	Dry	351.28	365.93	181.23	180.65	143.90	226.41	347.84	362.12	514.64	720.74	541.97	286.23	4,222.94
1945	Below Normal	211.53	167.34	145.38	151.07	260.75	236.39	327.56	480.04	558.17	678.30	527.68	328.06	4,072.27
1946	Below Normal	236.39	208.37	725.99	336.25	189.17	224.34	419.39	559.52	597.40	698.04	571.12	371.03	5,137.01
1947	Dry	295.86	215.04	179.36	165.55	135.18	200.09	335.88	499.21	496.24	643.37	542.61	278.25	3,986.64
1948	Below Normal	190.43	153.65	155.55	139.33	156.45	163.55	213.34	552.39	487.86	520.49	527.61	323.07	3,583.72
1949	Dry	255.49	194.12	175.95	167.50	136.78	345.95	332.51	473.40	549.94	658.93	552.65	348.02	4,191.24
1950	Below Normal	295.35	222.20	187.84	196.99	228.57	223.96	319.96	459.42	482.08	631.07	474.11	322.72	4,044.27
1951	Above Normal	327.16	412.09	574.75	356.75	566.25	279.00	500.57	512.88	571.96	772.37	561.79	438.68	5,874.25
1952	Wet	311.98	303.40	417.00	405.99	670.02	530.10	1,007.42	684.91	576.46	850.03	734.93	653.90	7,146.14
1953	Wet	449.27	365.67	213.12	818.81	209.88	238.69	365.78	613.27	597.43	682.08	610.46	719.96	5,884.42
1954	Above Normal	371.12	458.44	227.07	428.05	613.31	599.95	724.56	495.69	494.94	751.07	519.60	486.61	6,170.41
1955	Dry	295.18	264.21	190.34	301.45	155.95	171.39	308.23	415.84	490.83	640.88	543.63	344.61	4,122.54
1956	Wet	256.52	188.60	698.48	752.12	653.24	298.91	396.80	731.34	624.10	624.10	494.13	661.86	6,380.20
1957	Above Normal	421.03	394.94	188.37	184.78	156.53	491.40	325.31	552.92	509.37	748.21	518.86	457.78	4,949.50
1958	Wet	316.70	381.18	468.89	595.41	855.79	891.32	604.03	771.28	641.98	826.71	714.25	650.53	7,718.07
1959	Below Normal	454.24	378.81	185.35	368.81	447.01	186.85	409.68	493.10	647.35	795.06	575.23	321.67	5,263.16
1960	Dry	300.34	215.45	181.19	153.06	151.31	220.70	336.83	371.17	530.86	646.25	513.02	337.53	3,957.71
1961	Dry	276.77	201.79	224.94	148.23	319.76	239.45	297.28	430.17	495.84	676.73	537.61	357.15	4,205.72
1962	Below Normal	284.80	229.72	167.58	152.02	452.78	206.08	349.29	461.75	536.26	669.46	535.37	317.84	4,362.95
1963	Wet	321.06	249.73	341.01	229.27	391.28	247.57	799.36	526.16	496.57	720.42	494.54	531.36	5,348.33
1964	Dry	258.86	351.51	243.43	238.74	199.09	182.82	447.62	457.57	516.46	731.87	568.68	310.10	4,506.75
1965	Wet	235.99	186.85	631.40	711.19	225.71	206.93	401.68	532.55	573.24	704.99	475.09	592.00	5,477.62
1966	Below Normal	359.68	320.59	185.91	192.11	168.72	402.81	427.68	492.04	578.03	720.33	611.26	363.67	4,822.83
1967	Wet	343.39	202.60	419.53	487.32	367.74	707.66	460.03	831.54	606.14	717.18	691.43	664.84	6,499.40
1968	Below Normal	431.67	320.34	193.35	218.65	556.37	204.92	375.82	482.25	553.19	752.94	473.65	351.89	4,915.04
1969	Wet	257.26	187.22	184.53	713.96	661.35	309.51	572.50	806.09	680.32	730.84	650.68	626.37	6,380.63
1970	Wet	353.67	232.58	812.82	1,076.95	544.49	292.25	417.27	518.62	589.94	786.10	534.23	623.50	6,782.42
1971	Wet	320.53	228.15	272.03	542.32	205.60	704.06	379.61	571.03	555.94	559.46	515.96	644.83	5,499.52
1972	Below Normal	431.75	332.36	192.61	245.59	192.89	709.51	383.76	473.11	554.92	723.16	514.99	337.54	5,092.19
1973	Above Normal	284.69	215.10	285.80	597.73	646.58	329.17	319.98	538.44	582.90	742.14	576.57	445.97	5,565.07
1974	Wet	250.19	778.64	800.83	956.22	245.92	871.79	464.71	563.20	605.15	607.11	679.90	636.24	7,459.90
1975	Wet	436.28	391.95	190.81	173.39	188.58	791.17	309.56	648.88	624.62	688.44	610.91	656.92	5,711.51
1976	Critical	462.54	404.76	208.71	354.39	205.79	169.32	288.51	404.41	526.40	708.43	395.00	241.92	4,370.18
1977	Critical	293.70	207.85	234.58	175.73	211.20	187.19	346.91	241.19	409.15	457.75	465.00	105.61	3,335.86
1978	Above Normal	305.31	91.37	89.11	161.09	314.10	561.33	341.97	569.98	592.33	670.11	509.21	329.29	4,535.20
1979	Below Normal	273.98	264.83	178.81	190.42	154.47	188.17	256.19	470.46	581.05	617.08	449.46	347.62	3,972.54
1980	Above Normal	187.50	222.20	178.24	675.99	678.51	272.89	313.61	515.54	666.87	676.96	596.49	431.09	5,415.89
1981	Dry	290.01	287.56	184.09	187.25	140.61	146.34	247.89	471.21	620.58	707.19	536.12	299.74	4,118.59
1982	Wet	221.39	348.87	709.95	382.18	757.01	693.56	825.30	532.13	594.28	680.21	541.74	515.87	6,802.49
1983	Wet	530.06	449.95	671.39	872.30	859.84	1,059.40	631.54	832.59	1,032.88	1,021.72	840.70	743.85	9,546.22
1984	Wet	490.58	756.06	945.15	520.39	291.87	472.49	361.44	551.58	583.79	761.51	480.02	621.04	6,835.92
1985	Dry	276.96	273.24	233.81	293.83	140.36	163.66	350.45	533.60	605.30	726.46	620.30	306.55	4,524.52
1986	Wet	264.14	200.93	164.47	190.46	647.62	844.34	444.48	528.46	627.52	724.41	582.83	474.01	5,693.67
1987	Dry	255.77	281.06	194.55	164.02	140.50	147.00	364.19	479.79	733.42	742.86	516.79	303.57	4,323.52
1988	Critical	236.14	152.99	130.80	141.21	199.24	166.21	269.32	336.09	495.36	598.81	434.50	227.14	3,387.81
1989	Dry	212.13	116.12	122.98	188.11	114.89	275.73	248.69	511.15	511.32	637.47	407.98	214.93	3,561.50
1990	Critical	177.61	152.79	157.28	136.71	124.97	161.61	313.35	292.65	375.89	527.54	440.39	215.55	3,076.34
1991	Critical	190.21	150.26	124.06	163.33	112.11	116.71	167.45	281.02	326.55	458.13	370.15	148.07	2,608.05
1992	Critical	156.12	152.40	101.60	101.01	107.82	112.29	169.02	403.90	428.04	536.76	525.05	318.66	3,112.67
1993	Above Normal	211.72	226.36	93.07	111.70	190.11	238.89	282.72	421.76	518.78	553.29	459.19	443.20	3,750.79
1994	Critical	250.38	271.29	176.51	147.40	130.89	168.57	357.90	349.09	518.97	613.94	466.01	210.06	3,661.01
1995	Wet	189.23	148.82	118.76	491.07	305.10	755.08	435.06	727.84	609.41	594.66	689.45	618.21	5,682.69
1996	Wet	462.17	327.79	273.31	319.90	770.40	607.28	372.49	711.39	535.51	658.89	503.05	580.77	6,122.95
1997	Wet	357.46	371.45	851.67	1,005.22	391.73	254.37	488.87	574.28	608.96	765.44	496.45	562.99	6,728.89
1998	Wet	349.53	266.61	177.90	407.36	717.09	797.56	398.45	827.91	1,063.46	968.97	820.91	713.24	7,508.99
1999	Wet	474.59	478.05	493.89	424.18	746.80	615.19	318.68	648.75	594.50	693.88	522.48	625.64	6,636.63
2000	Above Normal	408.74	441.61	201.12	320.21	762.53	410.33	463.32	529.08	553.01	777.28	522.16	539.67	5,929.06
2001	Dry	302.81	348.35	191.91	170.67	127.26	143.70	286.69	524.03	653.99	766.00	571.13	283.31	4,369.85
2002	Dry	387.66	176.10	174.88	365.87	185.35	195.41	354.17	502.03	573.61	636.34	498.77	318.26	4,368.45
2003	Above Normal	304.61	222.25	392.57	526.16	164.47	166.90	443.19	730.20	525.56	817.63	483.49	526.37	5,303.40
	Average	299.31	264.92	274.04	327.21	330.04	348.02	381.95	515.00	555.75	672.40	532.53	421.44	4,922.62
	Wet	334.23	323.10	454.64	557.08	534.23	570.32	499.75	657.78	632.76	726.75	605.81	635.08	6,531.52
	Above Normal	326.83	295.36	227.42	324.14	429.38	411.56	393.67	540.30	571.21	721.16	539.49	461.31	5,241.82
	Below Normal	285.31	237.40	209.41	202.34	249.14	250.52	322.83	476.94	535.50	662.67	505.42	325.80	4,263.27
	Dry	274.82	229.22	176.69	195.01	158.80	191.31	316.09	447.93	548.75	663.72	516.74	297.73	4,016.82
	Critical	249.21	194.09	150.80	176.22	139.53	151.67	282.76	325.36	407.59	530.27	422.12	215.81	3,245.44

Difference in Energy generated (GWh) at Syst. Tot.: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.55)	14.47	(2.17)	2.45	0.19	0.39	1.23
1923	Below Normal	5.46	21.88	(3.97)	(0.37)	(5.21)	(0.32)	(5.00)	(19.06)	(17.24)	(3.62)	(7.77)	(18.88)	(4.51)
1924	Critical	(0.04)	(12.55)	(12.73)	(67.73)	0.39	0.69	(23.36)	(1.46)	3.98	3.25	(10.93)	48.28	(6.02)
1925	Dry	1.61	1.14	1.06	1.51	0.23	0.61	(5.14)	(15.64)	(8.26)	(2.29)	(3.82)	(14.68)	(3.64)
1926	Dry	1.36	5.43	0.82	0.76	2.78	(0.57)	(0.74)	0.40	1.54	61.80	(25.29)	(16.58)	2.64
1927	Wet	1.14	(0.52)	(0.87)	(9.12)	1.70	0.09	(3.73)	(10.22)	(1.84)	(0.84)	0.84	(0.20)	(1.96)
1928	Above Normal	0.77	(0.54)	0.12	0.11	0.07	(0.40)	(2.12)	(7.72)	3.48	5.78	(1.32)	1.39	(0.03)
1929	Critical	31.61	1.22	0.26	(0.10)	0.55	(0.03)	(0.78)	(2.17)	(5.82)	(0.92)	11.44	0.64	2.99
1930	Dry	(0.01)	(0.27)	0.21	0.22	0.19	(0.38)	(0.74)	(2.62)	(5.68)	2.58	(0.12)	0.21	(0.53)
1931	Critical	0.10	0.09	0.12	0.12	0.13	(0.05)	(0.41)	(1.37)	(4.36)	6.58	(3.73)	0.22	(0.21)
1932	Dry	(0.02)	0.15	0.11	0.09	1.61	(0.28)	(0.56)	(1.58)	(3.89)	(7.07)	(9.77)	19.82	(0.12)
1933	Critical	19.55	9.07	(2.29)	(2.66)	(1.79)	(1.86)	(1.38)	(8.18)	(5.44)	(7.49)	1.99	(5.31)	(0.48)
1934	Critical	2.32	(0.19)	(5.63)	(1.30)	(0.56)	(0.84)	(1.67)	(25.92)	(4.60)	105.68	(94.39)	71.59	3.71
1935	Below Normal	(81.91)	0.00	0.00	0.00	0.00	0.01	(0.05)	(0.40)	0.19	(0.91)	(1.62)	(0.02)	(7.06)
1936	Below Normal	(0.21)	(0.03)	0.04	0.23	0.02	0.03	3.52	18.33	(1.82)	(0.05)	(1.90)	(0.01)	1.51
1937	Below Normal	(0.03)	(0.03)	0.00	0.01	0.00	0.00	1.64	6.48	23.66	(2.06)	(2.74)	0.04	2.25
1938	Wet	0.01	0.01	0.83	0.00	0.00	0.00	4.51	18.99	(1.21)	(4.70)	(1.77)	(1.48)	1.27
1939	Dry	(1.30)	17.65	(5.25)	(0.31)	(0.42)	(0.53)	(3.96)	(3.19)	0.09	(3.91)	(10.66)	(1.02)	(1.07)
1940	Above Normal	14.06	0.98	(0.40)	(0.05)	(0.43)	(0.02)	0.95	8.63	0.46	(0.15)	4.46	11.23	3.31
1941	Wet	0.15	(2.56)	(14.60)	(3.16)	(0.02)	(5.16)	(0.75)	0.56	(1.04)	(1.86)	(1.12)	0.00	(2.46)
1942	Wet	(0.92)	0.83	(0.06)	0.01	0.00	0.00	(0.48)	(1.00)	(0.41)	12.04	1.22	(0.03)	0.93
1943	Wet	0.02	(0.37)	0.08	(0.44)	0.00	0.00	5.18	4.68	(8.87)	(5.11)	(3.57)	3.16	(0.44)
1944	Dry	(1.49)	14.06	(0.42)	(0.41)	(0.27)	7.47	(0.86)	(1.07)	(0.96)	(2.85)	(4.18)	(0.56)	0.70
1945	Below Normal	(0.19)	(0.34)	(0.38)	(0.36)	(0.03)	(0.10)	(16.07)	(18.42)	(17.66)	(0.49)	(4.41)	(23.75)	(6.85)
1946	Below Normal	(11.81)	23.31	2.64	0.02	0.01	0.00	(1.20)	(1.47)	(2.10)	(1.31)	(0.93)	0.96	0.68
1947	Dry	(1.38)	0.00	0.04	0.04	0.03	0.20	0.16	0.24	0.17	0.31	0.32	1.25	0.12
1948	Below Normal	0.06	(0.01)	(0.01)	0.00	0.02	(0.01)	(0.01)	(0.26)	(0.14)	0.11	(0.05)	(0.19)	(0.04)
1949	Dry	(0.14)	0.00	0.00	0.00	0.00	0.14	0.05	0.05	0.01	0.03	(0.72)	0.02	(0.05)
1950	Below Normal	0.02	0.03	0.03	0.68	(0.01)	0.00	(0.08)	(0.16)	(0.28)	0.99	(0.04)	(0.04)	0.10
1951	Above Normal	1.88	0.00	0.00	(0.01)	(1.02)	0.00	(0.09)	(0.15)	(0.51)	(0.57)	0.00	(0.01)	(0.04)
1952	Wet	(0.01)	(0.04)	0.04	0.00	0.00	0.00	8.61	5.06	(0.88)	(4.15)	(3.26)	0.00	0.45
1953	Wet	1.74	36.60	(31.87)	(5.12)	0.00	0.00	(0.74)	(0.72)	(1.33)	(0.84)	(0.85)	(0.01)	(0.26)
1954	Above Normal	(0.15)	(3.63)	0.07	3.36	0.51	0.00	0.28	0.69	0.26	0.11	0.04	0.01	0.13
1955	Dry	(0.27)	0.73	(0.01)	0.33	0.00	0.00	(0.10)	(0.21)	(0.29)	(0.15)	(0.29)	(1.73)	(0.17)
1956	Wet	(0.04)	0.12	0.12	(0.12)	0.00	0.00	(0.09)	(0.16)	(0.01)	(0.03)	(0.06)	0.03	(0.02)
1957	Above Normal	0.01	0.05	0.02	0.00	0.00	(0.14)	(0.07)	(0.15)	(0.48)	0.01	0.00	0.00	(0.06)
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	9.29	3.16	(2.84)	(5.15)	(3.51)	(0.05)	0.07
1959	Below Normal	0.00	2.33	(0.06)	(2.17)	(0.33)	(0.01)	4.50	(1.77)	(1.31)	0.12	0.19	0.02	0.13
1960	Dry	(0.17)	0.01	(0.04)	(0.04)	(0.03)	0.02	0.09	0.20	0.15	0.06	0.60	0.07	0.08
1961	Dry	(0.03)	(0.01)	(0.16)	(0.01)	0.00	0.00	0.04	0.08	0.10	0.06	0.09	(0.07)	0.01
1962	Below Normal	0.01	0.00	0.00	(0.02)	0.07	0.00	(0.10)	(0.17)	(0.51)	(0.01)	(0.01)	(0.01)	(0.06)
1963	Wet	0.05	0.00	0.00	0.00	(0.58)	0.00	(0.33)	(0.53)	(0.95)	(0.32)	(0.21)	(0.69)	(0.30)
1964	Dry	0.42	0.54	(0.51)	(0.24)	0.04	0.01	0.12	0.15	0.18	0.14	0.31	0.03	0.10
1965	Wet	0.00	0.01	0.03	0.05	0.00	0.00	(0.83)	(3.66)	(4.12)	(2.91)	(0.36)	(0.06)	(0.99)
1966	Below Normal	0.17	(4.38)	0.14	0.13	0.10	6.02	5.93	(0.55)	(0.90)	(0.03)	1.17	(1.62)	0.52
1967	Wet	(0.61)	(0.06)	(0.01)	0.00	0.00	0.00	8.76	3.84	(0.75)	2.61	(3.28)	3.92	1.20
1968	Below Normal	(3.51)	34.12	(1.94)	(0.70)	(35.03)	0.00	(0.39)	(1.25)	(1.65)	0.17	(0.04)	(0.03)	(0.85)
1969	Wet	(0.09)	(0.24)	(0.32)	(0.03)	0.00	0.00	0.38	(0.01)	(0.03)	0.64	0.34	(1.00)	(0.03)
1970	Wet	(1.35)	(0.06)	(1.08)	0.00	0.00	0.00	(0.04)	(0.07)	(0.12)	(10.30)	0.02	0.00	(1.08)
1971	Wet	0.13	(0.40)	0.08	0.00	0.00	(0.30)	(0.11)	(0.27)	(0.43)	(0.01)	(0.01)	0.00	(0.11)
1972	Below Normal	0.07	(0.04)	0.00	0.00	0.00	(0.02)	0.03	0.04	0.03	0.02	0.02	0.01	0.01
1973	Above Normal	(0.05)	0.00	(0.01)	0.00	0.00	0.00	(0.10)	17.31	(1.13)	(1.97)	(0.97)	21.98	2.92
1974	Wet	(19.32)	(4.33)	0.00	0.00	0.00	0.00	5.90	(1.37)	(4.54)	9.83	(2.38)	0.00	(1.35)
1975	Wet	0.00	(3.35)	0.08	0.08	0.52	0.13	0.37	0.91	0.71	0.73	0.09	0.03	0.02
1976	Critical	(0.02)	0.76	(0.02)	(0.01)	(0.02)	(0.01)	(0.06)	(0.13)	1.28	1.24	(0.94)	0.02	0.17
1977	Critical	(0.91)	(1.00)	(0.55)	0.22	(0.45)	0.02	0.01	(0.02)	(0.15)	(0.15)	(0.15)	(0.05)	(0.26)
1978	Above Normal	(0.09)	(0.01)	0.00	0.00	0.01	0.01	3.14	0.11	(5.85)	3.07	(0.35)	0.02	0.01
1979	Below Normal	0.00	15.75	0.46	8.39	(2.37)	(0.15)	(0.35)	20.49	(4.55)	(3.84)	1.11	10.52	3.79
1980	Above Normal	(9.22)	(5.24)	(0.03)	(0.03)	(0.03)	(0.04)	(7.00)	(0.91)	(0.11)	29.70	(40.69)	19.51	(1.17)
1981	Dry	(6.76)	(33.80)	0.54	0.47	0.35	0.20	(0.02)	0.37	(0.11)	(8.34)	(18.78)	(1.94)	(5.65)
1982	Wet	0.37	17.97	0.00	(0.73)	0.02	0.00	0.00	6.26	(0.53)	(1.98)	(1.75)	0.00	1.64
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.15)	(0.51)	0.00	0.00	0.00	(0.06)
1985	Dry	0.00	(0.03)	0.00	0.00	0.00	0.00	(0.06)	(0.10)	(0.35)	0.01	0.00	0.00	(0.04)
1986	Wet	0.00	0.00	0.00	0.00	0.00	(0.01)	0.40	2.94	1.10	(1.02)	(1.92)	(1.24)	0.02
1987	Dry	(0.06)	11.31	(0.11)	(0.08)	(0.06)	(0.11)	(0.84)	(1.55)	18.65	(1.14)	(8.09)	(3.27)	1.22
1988	Critical	(3.76)	(0.05)	(0.07)	(0.08)	(0.78)	(0.20)	(2.18)	(0.29)	(0.43)	(1.40)	(0.42)	(0.23)	(0.82)
1989	Dry	(0.07)	(0.08)	(0.09)	(1.07)	(0.05)	(0.02)	0.06	(0.12)	(0.07)	(0.19)	0.14	(0.16)	(0.14)
1990	Critical	(0.06)	(0.05)	(0.06)	(0.05)	(0.04)	(0.06)	(0.09)	(0.15)	(0.15)	(0.15)	(0.08)	(0.09)	(0.09)
1991	Critical	(0.04)	(0.02)	(0.09)	0.03	(0.08)	(0.07)	(0.11)	(0.19)	(0.15)	(1.40)	0.51	(0.08)	(0.14)
1992	Critical	(0.02)	0.06	(0.05)	(0.05)	(0.03)	(0.02)	(0.08)	(0.13)	(0.19)	(0.40)	(0.19)	1.56	0.04
1993	Above Normal	(0.04)	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)	(0.34)	(0.55)	(0.33)	(0.35)	(0.53)	(0.06)	(0.19)
1994	Critical	0.00	(0.51)	0.00	0.00	(0.01)	0.02	0.06	(1.00)	(0.92)	(0.06)	0.06	0.11	(0.19)
1995	Wet	0.07	0.02	(0.02)	(0.50)	0.00	(0.01)	1.55	8.14	(8.22)	(15.43)	(5.63)	0.00	(1.67)
1996	Wet	(0.70)	35.22	(9.22)	(5.69)	(1.03)	0.00	3.33	(0.62)	8.19	(3.76)	(3.70)	0.00	1.84
1997	Wet	(4.00)	(0.47)	0.29	0.00	0.00	0.00	3.30	(0.87)	(2.02)	0.93	(7.29)	(2.71)	(1.07)
1998	Wet	5.02	(17.63)	9.54	22.17	(0.01)	(1.90)	1.72	2.31	(2.31)	(2.32)	(0.44)	0.00	1.35
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.40	0.24	0.59	0.31	0.02	0.15
2000	Above Normal	1.94	(1.28)	0.28	(1.63)	0.00	0.00	(0.25)	(0.57)	(0.74)	(1.35)	(0.28)	0.02	(0.32)
2001	Dry	(0.15)	(0.03)	1.20	(0.01)	(0.01)	(0.01)	(0.01)	0.15	(0.28)	(0.39)	(0.55)	0.01	(0.01)
2002	Dry	(0.66)	0.01	0.03	0.27	0.00	0.00	(0.01)	(0.09)	(0.07)	(0.01)	0.02	1.98	0.12
2003	Above Normal	0.85	0.08	(3.24)	0.00	0.00	0.00	(0.11)	(0.18)	(0.39)	0.39	0.00	0.13	(0.21)
	Average	(0.74)	1.92	(0.94)	(0.79)	(0.50)	0.02	(0.12)	0.06	(0.98)	1.66	(3.32)	1.48	(0.19)
	Wet	(0.71)	2.34	(1.81)	(0.10)	0.02	(0.28)	1.78	1.45	(1.26)	(1.28)	(1.47)	(0.01)	(0.11)
	Above Normal	0.83	(0.80)	(0.27)	0.14	(0.08)	(0.05)	(0.52)	2.58	(0.63)	3.09	(3.29)	4.55	0.47
	Below Normal	(6.56)	6.61	(0.22)	0.42	(3.05)	0.39	(0.55)	0.13	(1.73)	(0.78)	(1.22)	(2.36)	(0.74)
	Dry	(0.51)	0.93	(0.14)	0.08	0.24	0.37	(0.70)	(1.36)	0.05	2.15	(4.49)	(0.92)	(0.36)
	Critical	4.06	(0.26)	(1.76)	(5.97)	(0.22)	(0.20)	(2.50)	(3.42)	(1.41)	8.73	(8.07)	9.72	(0.11)

Percent Difference in Energy generated (GWh) at Syst. Tot.: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%
1923	Below Normal	2%	8%	-2%	0%	-2%	0%	-2%	-3%	-3%	-1%	-1%	-5%
1924	Critical	0%	-6%	-7%	-23%	0%	0%	-6%	0%	1%	1%	-3%	27%
1925	Dry	1%	1%	1%	1%	0%	0%	-2%	-3%	-2%	0%	-1%	-5%
1926	Dry	1%	3%	1%	1%	2%	0%	0%	0%	0%	11%	-6%	-6%
1927	Wet	1%	0%	0%	-4%	0%	0%	-1%	-2%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	-1%	-2%	1%	1%	0%	0%
1929	Critical	11%	1%	0%	0%	0%	0%	0%	-1%	-1%	0%	2%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%	-1%	0%
1932	Dry	0%	0%	0%	0%	1%	0%	0%	-1%	-1%	-2%	-3%	10%
1933	Critical	11%	6%	-2%	-2%	-2%	-2%	-1%	-3%	-2%	-2%	1%	-3%
1934	Critical	1%	0%	-6%	-1%	-1%	-1%	-1%	-8%	-1%	25%	-23%	32%
1935	Below Normal	-42%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	1%	4%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	1%	2%	6%	0%	-1%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	1%	3%	0%	-1%	0%	0%
1939	Dry	0%	6%	-2%	0%	0%	0%	-1%	-1%	0%	-1%	-2%	0%
1940	Above Normal	5%	0%	0%	0%	0%	0%	0%	2%	0%	0%	1%	3%
1941	Wet	0%	-1%	-5%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	1%	1%	-2%	-1%	-1%	0%
1944	Dry	0%	4%	0%	0%	0%	3%	0%	0%	0%	0%	-1%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	-5%	-4%	-3%	0%	-1%	-7%
1946	Below Normal	-5%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%	0%
1953	Wet	0%	11%	-13%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	-1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	2%	0%	0%	-1%	0%	0%
1959	Below Normal	0%	1%	0%	-1%	0%	0%	1%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	2%	1%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	1%
1968	Below Normal	-1%	12%	-1%	0%	-6%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%	5%
1974	Wet	-7%	-1%	0%	0%	0%	0%	1%	0%	-1%	2%	0%	0%
1975	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	1%	0%	-1%	0%	0%	0%
1979	Below Normal	0%	6%	0%	5%	-2%	0%	0%	5%	-1%	-1%	0%	3%
1980	Above Normal	-5%	-2%	0%	0%	0%	0%	-2%	0%	0%	5%	-6%	5%
1981	Dry	-2%	-11%	0%	0%	0%	0%	0%	0%	0%	-1%	-3%	-1%
1982	Wet	0%	5%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
1987	Dry	0%	4%	0%	0%	0%	0%	0%	0%	3%	0%	-2%	-1%
1988	Critical	-2%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	1%	-1%	-3%	-1%	0%
1996	Wet	0%	12%	-3%	-2%	0%	0%	1%	0%	2%	-1%	-1%	0%
1997	Wet	-1%	0%	0%	0%	0%	0%	1%	0%	0%	0%	-1%	0%
1998	Wet	1%	-6%	6%	6%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%
	Wet	0%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%
	Below Normal	-3%	3%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	-1%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
	Critical	2%	0%	-1%	-2%	0%	0%	-1%	-1%	0%	2%	-2%	5%

Energy generated (GWh) at Tot. Loss: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	20.78	13.15	7.70	6.81	10.01	10.03	12.91	23.97	26.69	26.41	24.37	22.22	205.05
1923	Below Normal	11.78	12.68	11.13	9.37	8.34	7.69	9.38	23.92	23.19	27.98	22.63	14.71	182.80
1924	Critical	12.19	8.81	8.12	12.84	5.66	7.28	13.94	12.79	13.92	18.10	15.08	7.25	135.98
1925	Dry	5.38	4.20	4.47	11.01	8.72	6.55	9.88	17.66	21.02	27.01	19.16	11.68	146.74
1926	Dry	9.86	7.52	6.80	6.23	6.85	6.03	8.34	14.44	21.01	23.53	18.20	11.17	139.98
1927	Wet	8.09	6.11	7.79	10.08	30.71	11.00	21.12	23.16	23.47	27.98	21.34	27.83	218.68
1928	Above Normal	13.21	13.80	7.95	8.59	6.29	24.81	10.28	17.26	22.65	28.45	22.96	21.44	197.69
1929	Critical	11.51	10.33	6.61	14.48	5.23	6.32	10.89	12.84	17.00	24.39	19.90	10.08	149.58
1930	Dry	8.04	6.14	5.54	5.58	5.24	7.24	9.65	13.71	19.58	22.10	19.20	9.88	131.90
1931	Critical	8.15	6.31	5.83	5.58	4.97	5.70	13.38	11.70	12.20	17.91	18.90	6.65	117.28
1932	Dry	8.79	4.54	3.81	4.02	5.17	6.00	8.42	10.67	14.54	17.04	14.99	8.10	106.09
1933	Critical	7.28	6.06	5.10	4.90	4.22	4.96	8.41	10.55	12.98	17.34	13.86	7.94	103.60
1934	Critical	8.89	4.37	4.12	4.29	4.06	4.80	10.18	12.42	13.46	17.28	17.30	9.89	111.06
1935	Below Normal	8.57	3.70	3.76	3.97	3.91	5.27	9.40	12.23	17.71	23.30	14.08	9.43	115.33
1936	Below Normal	8.05	6.30	5.86	8.65	11.32	10.26	11.89	16.55	18.61	25.23	18.12	14.03	154.87
1937	Below Normal	9.33	7.63	6.08	5.51	6.03	7.90	8.66	13.90	15.49	25.18	17.58	11.43	134.72
1938	Wet	7.66	8.13	26.92	7.84	29.34	34.04	24.17	25.91	26.44	22.13	24.36	25.75	262.69
1939	Dry	16.41	11.42	9.46	6.73	7.07	5.70	15.43	19.00	26.17	31.89	26.51	16.25	192.04
1940	Above Normal	11.54	10.37	5.77	7.39	30.94	33.03	12.48	17.95	22.82	32.17	23.16	16.45	224.07
1941	Wet	11.61	10.46	12.75	31.67	30.56	27.01	25.94	33.30	23.39	32.46	28.97	31.80	299.92
1942	Wet	17.35	15.88	28.74	33.68	32.59	9.40	13.45	26.62	22.48	27.23	27.05	31.18	285.65
1943	Wet	16.78	18.45	11.12	21.91	17.45	28.55	13.54	19.48	21.21	30.77	21.54	28.24	249.04
1944	Dry	14.47	15.18	7.68	7.63	6.04	9.15	12.47	12.35	20.19	30.33	22.22	11.66	169.37
1945	Below Normal	8.62	7.21	6.22	6.44	11.60	9.01	11.52	17.24	21.30	27.63	21.41	14.53	162.73
1946	Below Normal	10.30	7.97	32.31	14.79	8.16	9.58	14.88	20.28	22.71	28.32	23.24	15.35	207.89
1947	Dry	12.21	9.20	7.72	7.07	5.63	7.38	11.52	18.35	19.28	26.97	22.61	11.50	159.44
1948	Below Normal	7.82	6.62	6.70	5.95	6.08	6.82	7.58	22.16	20.02	21.61	22.10	13.49	146.95
1949	Dry	10.72	8.24	7.63	7.23	5.67	15.01	11.82	17.46	21.85	27.36	23.04	14.66	170.69
1950	Below Normal	12.27	9.52	8.17	8.63	10.11	9.52	11.85	17.33	19.58	26.36	19.51	13.62	166.47
1951	Above Normal	14.01	18.45	25.83	15.92	25.29	10.57	18.44	17.63	21.36	31.39	22.73	18.36	239.98
1952	Wet	12.86	13.27	18.51	18.25	29.87	21.95	41.53	26.24	22.24	32.86	28.17	26.71	292.46
1953	Wet	18.59	14.31	10.57	36.22	8.44	8.37	12.67	23.09	22.96	28.12	25.35	31.02	239.71
1954	Above Normal	15.41	20.25	9.85	18.74	27.00	26.18	28.66	18.26	19.47	31.35	21.53	20.70	257.40
1955	Dry	11.97	11.50	8.26	13.29	6.56	6.94	11.48	14.80	18.38	26.58	22.51	14.58	166.85
1956	Wet	10.50	8.19	31.43	33.85	29.15	11.20	14.00	27.82	24.15	24.58	19.32	28.47	262.66
1957	Above Normal	17.68	17.13	8.09	7.92	6.46	21.03	11.24	21.31	20.24	31.45	21.32	19.35	203.22
1958	Wet	13.38	16.57	20.74	26.48	38.40	38.64	24.98	30.34	25.29	32.82	28.98	27.21	323.83
1959	Below Normal	18.93	16.29	7.95	16.30	19.05	7.53	14.72	18.21	26.10	33.54	23.92	13.71	216.25
1960	Dry	12.25	9.11	7.79	6.52	6.50	8.89	12.34	13.71	21.19	27.37	21.56	14.24	161.47
1961	Dry	11.55	8.82	9.87	6.39	13.91	10.08	10.75	16.27	19.00	28.83	22.91	15.26	173.64
1962	Below Normal	11.89	10.07	7.27	6.56	20.32	8.80	13.38	17.79	21.38	28.29	22.49	13.33	181.57
1963	Wet	13.65	10.86	15.08	10.06	17.31	10.61	33.90	19.79	19.90	30.35	20.49	22.79	224.79
1964	Dry	11.02	15.53	10.69	10.50	8.46	7.16	16.95	16.87	20.16	30.93	24.04	12.99	185.30
1965	Wet	9.98	8.15	28.06	31.94	9.88	8.57	15.04	19.28	21.58	29.00	19.58	25.36	226.42
1966	Below Normal	14.85	14.27	8.04	8.31	7.28	17.07	16.32	18.39	22.92	30.36	25.71	15.37	198.89
1967	Wet	14.40	8.83	18.66	21.80	15.60	30.13	18.26	33.31	24.03	28.71	27.74	28.29	269.76
1968	Below Normal	18.17	12.48	8.40	9.49	26.04	8.73	13.14	17.46	21.61	31.53	19.40	14.56	201.01
1969	Wet	10.51	8.06	8.00	32.13	29.76	11.84	22.78	32.10	25.71	27.67	24.07	25.77	258.40
1970	Wet	14.73	9.41	35.47	43.73	22.17	11.15	14.67	17.91	21.80	32.41	21.47	26.67	271.59
1971	Wet	13.14	9.93	12.03	24.08	8.89	29.58	13.63	21.61	21.57	22.79	21.14	27.67	226.06
1972	Below Normal	18.20	14.54	8.36	10.69	8.18	30.61	13.68	17.29	21.98	30.61	21.55	14.21	209.90
1973	Above Normal	11.84	9.38	12.57	26.80	29.06	14.55	10.85	19.12	22.57	30.71	23.76	17.60	228.81
1974	Wet	11.35	34.96	35.79	42.77	10.72	37.53	17.29	19.97	23.25	23.59	28.17	27.20	312.59
1975	Wet	18.58	17.30	8.20	7.41	8.17	34.01	10.23	24.26	24.35	27.95	25.44	28.13	234.03
1976	Critical	19.84	17.64	9.01	15.55	8.71	6.15	9.97	14.56	20.91	29.77	15.63	9.70	177.44
1977	Critical	12.40	9.09	10.30	7.60	8.85	7.03	13.91	8.92	16.31	18.84	19.90	4.00	137.15
1978	Above Normal	12.91	3.83	3.74	7.15	13.99	24.93	13.25	22.13	24.39	27.19	20.42	13.91	187.84
1979	Below Normal	11.11	10.91	7.73	7.94	6.95	8.08	7.95	15.99	21.75	25.35	18.04	13.96	155.76
1980	Above Normal	7.89	9.89	7.66	30.28	30.44	10.43	10.87	18.38	25.86	25.57	25.53	16.72	219.52
1981	Dry	11.89	13.81	7.87	8.06	5.94	6.13	7.85	17.13	24.70	29.97	22.98	12.34	168.67
1982	Wet	9.01	14.56	31.67	17.18	32.23	27.90	34.28	19.28	22.47	24.84	19.37	19.96	272.75
1983	Wet	21.97	17.70	27.30	35.30	34.37	42.01	25.93	34.15	39.55	38.80	33.28	30.21	380.57
1984	Wet	20.64	30.72	37.71	20.88	10.95	19.05	11.96	19.40	21.62	31.33	19.05	26.57	269.88
1985	Dry	11.58	11.95	10.16	12.83	5.99	6.73	12.25	19.37	23.94	30.04	25.80	12.61	183.25
1986	Wet	10.84	8.70	7.06	8.23	29.14	33.78	16.89	19.35	24.73	28.74	23.35	18.68	229.49
1987	Dry	10.26	11.42	8.27	6.86	5.85	6.22	12.91	17.76	29.24	31.64	21.59	12.76	174.78
1988	Critical	9.88	6.57	5.60	6.06	8.32	6.31	10.37	12.76	19.92	25.65	18.27	9.17	138.88
1989	Dry	8.56	4.96	5.26	8.22	4.67	11.75	9.02	20.11	20.74	27.09	16.75	9.04	146.17
1990	Critical	7.40	6.57	6.83	5.90	5.24	6.17	12.08	11.28	14.54	22.49	18.65	8.64	125.79
1991	Critical	8.04	6.39	5.36	7.11	4.57	5.00	6.11	10.50	12.86	19.15	15.85	6.19	107.13
1992	Critical	6.73	6.65	4.36	4.36	4.74	4.83	6.07	16.69	18.39	23.76	23.28	13.83	133.69
1993	Above Normal	9.35	10.05	3.85	4.80	8.44	10.54	10.78	16.34	21.56	22.98	19.06	19.01	156.76
1994	Critical	10.51	11.98	7.68	6.32	5.60	6.55	13.91	13.32	20.36	26.15	19.75	8.69	150.82
1995	Wet	7.84	6.47	5.12	22.12	13.36	33.98	17.22	30.10	25.25	24.56	28.23	26.54	240.79
1996	Wet	19.37	12.57	12.36	14.40	34.54	25.47	13.04	28.46	19.91	26.42	20.28	24.69	251.51
1997	Wet	15.22	16.36	36.51	37.50	12.00	8.98	17.33	20.42	23.25	30.70	20.23	24.09	262.59
1998	Wet	14.12	12.40	7.20	17.16	32.27	34.08	14.71	33.88	44.39	38.21	31.54	28.80	308.76
1999	Wet	19.91	20.88	21.30	17.44	30.56	25.67	10.45	24.08	22.22	28.29	21.12	26.75	268.67
2000	Above Normal	16.80	19.33	8.65	14.19	34.27	16.54	17.36	19.59	21.40	31.71	21.22	22.90	243.96
2001	Dry	12.81	15.25	8.20	7.39	5.68	6.16	9.78	19.22	26.23	32.55	23.37	11.65	178.29
2002	Dry	16.29	7.61	7.55	16.12	7.79	8.14	13.20	18.95	22.66	26.68	20.85	13.20	179.04
2003	Above Normal	12.63	9.71	17.56	23.42	6.79	6.88	17.51	29.64	20.40	34.71	20.08	22.65	221.98
	Average	12.47	11.37	11.94	14.21	14.30	14.43	14.28	19.39	21.75	27.46	21.83	17.62	201.06
	Wet	13.93	13.82	19.85	24.00	23.02	23.63	19.19	25.13	24.51	28.97	24.22	26.78	267.05
	Above Normal	13.67	12.95	9.94	14.33	19.08	17.46	14.55	20.13	22.45	29.51	22.18	19.28	215.52
	Below Normal	12.14	10.01	9.14	8.76	10.96	10.49	11.74	17.77	21.03	27.52	20.70	13.70	173.94
	Dry	11.34	9.80	7.61	8.43	6.76	7.85	11.34	16.55	21.66	27.66	21.57	12.42	162.98
	Critical	10.24	8.40	6.58	7.92	5.85	5.93	10.77	12.36	16.07	21.74	18.03	8.50	132.37

Energy generated (GWh) at Tot. Loss: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	20.78	13.15	7.70	6.81	10.01	10.03	12.91	24.12	26.67	26.44	24.37	22.23	205.22
1923	Below Normal	12.02	13.67	10.95	9.35	8.11	7.68	9.30	23.15	22.46	27.93	22.36	13.86	180.84
1924	Critical	12.18	8.25	7.54	9.80	5.67	7.34	12.93	12.88	14.12	18.35	15.17	9.42	133.65
1925	Dry	5.45	4.25	4.52	11.08	8.73	6.57	9.85	17.58	20.80	27.05	19.23	11.02	146.13
1926	Dry	9.93	7.76	6.83	6.26	6.97	6.04	8.34	14.76	21.03	26.51	17.20	10.42	142.05
1927	Wet	8.14	6.09	7.75	9.67	30.78	11.00	21.09	23.08	23.46	27.99	21.42	27.82	218.29
1928	Above Normal	13.24	13.78	7.96	8.59	6.29	24.80	10.26	17.23	22.72	28.98	23.00	21.50	198.35
1929	Critical	12.93	10.39	6.63	14.47	5.26	6.32	10.90	12.84	16.97	24.40	20.42	10.11	151.64
1930	Dry	8.04	6.12	5.55	5.59	5.25	7.22	9.64	13.68	19.53	22.15	19.05	9.89	131.71
1931	Critical	8.16	6.32	5.84	5.59	4.98	5.71	13.38	11.69	12.16	17.97	18.82	6.66	117.28
1932	Dry	8.79	4.55	3.82	4.02	5.24	6.00	8.42	10.65	14.50	16.93	14.57	8.99	106.48
1933	Critical	8.16	6.46	5.00	4.78	4.14	4.87	8.35	10.19	12.74	17.02	13.95	7.70	103.36
1934	Critical	9.00	4.36	3.87	4.23	4.04	4.77	10.12	11.28	13.30	22.09	13.07	13.11	113.24
1935	Below Normal	4.88	3.70	3.76	3.97	3.91	5.27	9.40	12.22	17.70	23.28	14.06	9.43	111.58
1936	Below Normal	8.04	6.30	5.86	8.66	11.32	10.27	11.92	16.73	18.59	25.27	18.10	14.03	155.09
1937	Below Normal	9.33	7.63	6.08	5.51	6.03	7.90	8.67	13.96	15.73	25.14	17.55	11.43	134.96
1938	Wet	7.66	8.13	26.95	7.84	29.34	34.04	24.21	26.10	26.43	21.93	24.39	25.71	262.73
1939	Dry	16.35	12.47	9.23	6.71	7.05	5.69	15.33	19.03	26.40	31.80	26.09	16.21	192.36
1940	Above Normal	12.17	10.41	5.76	7.39	30.92	33.03	12.49	18.04	22.82	32.16	23.40	16.96	225.55
1941	Wet	11.62	10.34	12.09	31.53	30.56	26.78	25.94	33.31	23.38	32.44	28.96	31.80	298.75
1942	Wet	17.31	15.91	28.74	33.68	32.59	9.40	13.45	26.61	22.48	27.35	27.06	31.17	285.75
1943	Wet	16.78	18.43	11.12	21.89	17.45	28.55	13.59	19.53	21.11	30.68	21.49	28.39	249.01
1944	Dry	14.40	15.81	7.66	7.61	6.03	9.49	12.44	12.32	20.17	30.19	22.03	11.64	169.79
1945	Below Normal	8.61	7.20	6.20	6.43	11.60	9.01	10.84	16.46	20.60	27.66	21.25	13.46	159.32
1946	Below Normal	9.77	9.02	32.43	14.79	8.17	9.58	14.85	20.25	22.68	28.30	23.22	15.39	208.45
1947	Dry	12.15	9.20	7.72	7.07	5.63	7.39	11.52	18.36	19.29	26.98	22.63	11.55	159.49
1948	Below Normal	7.83	6.62	6.70	5.95	6.08	6.81	7.58	22.15	20.02	21.62	22.10	13.48	146.94
1949	Dry	10.71	8.24	7.63	7.23	5.67	15.01	11.82	17.46	21.85	27.36	23.01	14.66	170.65
1950	Below Normal	12.27	9.52	8.17	8.66	10.11	9.52	11.85	17.33	19.57	26.40	19.51	13.62	166.53
1951	Above Normal	14.09	18.45	25.83	15.92	25.24	10.57	18.44	17.63	21.35	31.38	22.73	18.36	239.99
1952	Wet	12.86	13.27	18.52	18.25	29.87	21.95	41.62	26.29	22.23	32.82	28.14	26.71	292.53
1953	Wet	18.67	15.95	9.13	35.99	8.44	8.37	12.66	23.08	22.95	28.11	25.35	31.02	239.72
1954	Above Normal	15.41	20.08	9.85	18.89	27.03	26.18	28.66	18.26	19.48	31.35	21.53	20.70	257.42
1955	Dry	11.96	11.53	8.26	13.31	6.56	6.94	11.48	14.80	18.38	26.57	22.49	14.50	166.78
1956	Wet	10.50	8.20	31.43	33.85	29.15	11.20	13.99	27.81	24.15	24.57	19.32	28.47	262.64
1957	Above Normal	17.68	17.13	8.10	7.92	6.46	21.03	11.24	21.31	20.24	31.45	21.32	19.35	203.23
1958	Wet	13.38	16.57	20.74	26.48	38.40	38.64	25.07	30.37	25.26	32.76	28.94	27.21	323.82
1959	Below Normal	18.93	16.40	7.95	16.20	19.04	7.53	14.78	18.20	26.09	33.55	23.93	13.71	216.31
1960	Dry	12.24	9.11	7.79	6.52	6.50	8.89	12.34	13.71	21.19	27.37	21.57	14.25	161.48
1961	Dry	11.55	8.82	9.86	6.39	13.91	10.08	10.75	16.27	19.00	28.83	22.91	15.25	173.62
1962	Below Normal	11.90	10.07	7.27	6.56	20.32	8.80	13.38	17.79	21.38	28.29	22.49	13.33	181.58
1963	Wet	13.65	10.86	15.08	10.06	17.28	10.61	33.90	19.78	19.89	30.35	20.49	22.75	224.70
1964	Dry	11.04	15.56	10.67	10.49	8.47	7.16	16.96	16.88	20.16	30.93	24.05	12.99	185.36
1965	Wet	9.98	8.15	28.06	31.94	9.88	8.57	15.04	19.22	21.52	28.96	19.57	25.36	226.25
1966	Below Normal	14.86	14.07	8.04	8.31	7.29	17.34	16.41	18.40	22.92	30.38	25.77	15.30	199.09
1967	Wet	14.37	8.83	18.66	21.80	15.60	30.13	18.34	33.35	24.02	28.74	27.70	28.46	270.00
1968	Below Normal	18.01	14.02	8.32	9.45	24.46	8.73	13.14	17.44	21.60	31.55	19.40	14.56	200.68
1969	Wet	10.50	8.05	7.98	32.13	29.76	11.84	22.78	32.10	25.71	27.70	24.08	25.73	258.36
1970	Wet	14.66	9.41	35.42	43.73	22.17	11.15	14.67	17.91	21.81	32.31	21.47	26.67	271.38
1971	Wet	13.15	9.91	12.03	24.08	8.89	29.57	13.63	21.60	21.56	22.79	21.14	27.67	226.02
1972	Below Normal	18.21	14.54	8.36	10.69	8.18	30.61	13.68	17.29	21.98	30.61	21.55	14.21	209.91
1973	Above Normal	11.84	9.38	12.57	26.80	29.06	14.55	10.85	19.30	22.56	30.69	23.76	18.83	230.19
1974	Wet	10.48	34.77	35.79	42.77	10.72	37.53	17.35	19.95	23.20	23.69	28.15	27.20	311.60
1975	Wet	18.58	17.15	8.20	7.41	8.19	34.01	10.23	24.27	24.36	27.96	25.43	28.13	233.92
1976	Critical	19.84	17.68	9.01	15.55	8.71	6.15	9.97	14.55	20.97	29.84	15.59	9.70	177.56
1977	Critical	12.36	9.05	10.28	7.61	8.83	7.03	13.91	8.92	16.30	18.83	19.89	4.00	137.01
1978	Above Normal	12.91	3.83	3.74	7.15	13.99	24.93	13.28	22.13	24.33	27.22	20.41	13.91	187.83
1979	Below Normal	11.11	11.62	7.75	8.32	6.84	8.08	7.94	16.47	21.67	25.27	18.02	14.43	157.52
1980	Above Normal	7.47	9.65	7.66	30.28	30.44	10.43	10.57	18.36	25.84	26.71	24.37	17.92	219.70
1981	Dry	11.58	12.29	7.90	8.08	5.96	6.14	7.86	17.15	24.74	29.62	22.14	12.25	165.71
1982	Wet	9.02	15.37	31.67	17.14	32.23	27.90	34.28	19.34	22.47	24.82	19.36	19.96	273.56
1983	Wet	21.97	17.70	27.30	35.30	34.37	42.01	25.93	34.15	39.55	38.80	33.28	30.21	380.57
1984	Wet	20.64	30.72	37.71	20.88	10.95	19.05	11.96	19.40	21.62	31.33	19.05	26.57	269.88
1985	Dry	11.58	11.95	10.16	12.83	5.99	6.73	12.25	19.37	23.94	30.04	25.80	12.61	183.25
1986	Wet	10.84	8.70	7.06	8.23	29.14	33.78	16.89	19.38	24.74	28.73	23.27	18.64	229.40
1987	Dry	10.26	11.93	8.27	6.86	5.85	6.21	12.89	17.73	30.10	31.58	21.23	12.61	175.52
1988	Critical	9.71	6.56	5.59	6.05	8.29	6.31	10.27	12.75	19.91	25.58	18.25	9.17	138.44
1989	Dry	8.56	4.95	5.26	8.18	4.67	11.75	9.02	20.10	20.74	27.08	16.74	9.03	146.08
1990	Critical	7.40	6.57	6.83	5.90	5.23	6.16	12.07	11.28	14.53	22.48	18.65	8.63	125.73
1991	Critical	8.03	6.39	5.35	7.11	4.56	4.99	6.11	10.49	12.85	19.07	15.87	6.19	107.01
1992	Critical	6.73	6.66	4.36	4.36	4.74	4.83	6.07	16.68	18.39	23.74	23.27	13.90	133.73
1993	Above Normal	9.34	10.05	3.85	4.80	8.43	10.54	10.77	16.33	21.56	22.97	19.04	19.00	156.68
1994	Critical	10.51	11.96	7.68	6.32	5.60	6.55	13.91	13.27	20.31	26.14	19.76	8.70	150.71
1995	Wet	7.84	6.47	5.12	22.10	13.36	33.98	17.24	30.18	25.17	24.26	28.18	26.54	240.44
1996	Wet	19.36	14.15	11.94	14.14	34.50	25.47	13.07	28.46	19.99	26.38	20.25	24.69	252.40
1997	Wet	15.04	16.34	36.52	37.50	12.00	8.98	17.36	20.41	23.23	30.48	20.16	23.96	261.98
1998	Wet	14.34	11.61	7.63	18.15	32.27	33.99	14.73	33.90	44.37	38.19	31.54	28.80	309.52
1999	Wet	19.91	20.88	21.30	17.44	30.56	25.67	10.45	24.08	22.23	28.29	21.13	26.76	268.70
2000	Above Normal	16.90	19.27	8.66	14.12	34.27	16.54	17.36	19.58	21.40	31.70	21.22	22.90	243.92
2001	Dry	12.81	15.25	8.25	7.39	5.68	6.16	9.78	19.23	26.23	32.53	23.32	11.65	178.28
2002	Dry	16.26	7.61	7.55	16.13	7.79	8.14	13.20	18.95	22.66	26.68	20.85	13.29	179.11
2003	Above Normal	12.67	9.72	17.42	23.42	6.79	6.88	17.51	29.64	20.40	34.73	20.08	22.66	221.92
	Average	12.44	11.45	11.90	14.18	14.28	14.43	14.26	19.37	21.74	27.55	21.73	17.70	201.02
	Wet	13.89	13.92	19.77	24.00	23.02	23.62	19.21	25.14	24.50	28.94	24.20	26.78	267.00
	Above Normal	13.71	12.91	9.93	14.34	19.08	17.46	14.53	20.16	22.45	29.65	22.10	19.53	215.83
	Below Normal	11.84	10.31	9.13	8.78	10.82	10.51	11.70	17.70	20.93	27.52	20.67	13.59	173.49
	Dry	11.31	9.86	7.61	8.43	6.78	7.87	11.33	16.56	21.71	27.79	21.38	12.38	162.99
	Critical	10.42	8.39	6.50	7.65	5.84	5.92	10.67	12.24	16.05	22.13	17.73	8.94	132.45

Difference in Energy generated (GWh) at Tot. Loss: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	(0.02)	0.03	0.00	0.01	0.01
1923	Below Normal	0.24	0.99	(0.18)	(0.02)	(0.23)	(0.01)	(0.08)	(0.77)	(0.73)	(0.05)	(0.27)	(0.85)	(0.16)
1924	Critical	(0.01)	(0.56)	(0.58)	(3.04)	0.01	0.06	(1.01)	0.09	0.20	0.25	0.09	2.17	(0.19)
1925	Dry	0.07	0.05	0.05	0.07	0.01	0.02	(0.03)	(0.08)	(0.22)	0.04	0.07	(0.66)	(0.05)
1926	Dry	0.07	0.24	0.03	0.03	0.12	0.01	0.00	0.32	0.02	2.98	(1.00)	(0.75)	0.17
1927	Wet	0.05	(0.02)	(0.04)	(0.41)	0.07	0.00	(0.03)	(0.08)	(0.01)	0.01	0.08	(0.01)	(0.03)
1928	Above Normal	0.03	(0.02)	0.01	0.00	0.00	(0.01)	(0.02)	(0.03)	0.07	0.53	0.04	0.06	0.05
1929	Critical	1.42	0.06	0.02	(0.01)	0.03	0.00	0.01	0.00	(0.03)	0.01	0.52	0.03	0.17
1930	Dry	0.00	(0.02)	0.01	0.01	0.01	(0.02)	(0.01)	(0.03)	(0.05)	0.05	(0.15)	0.01	(0.02)
1931	Critical	0.01	0.01	0.01	0.01	0.01	0.01	0.00	(0.01)	(0.04)	0.06	(0.08)	0.01	0.00
1932	Dry	0.00	0.01	0.01	0.00	0.07	0.00	0.00	(0.02)	(0.04)	(0.11)	(0.42)	0.89	0.03
1933	Critical	0.88	0.40	(0.10)	(0.12)	(0.08)	(0.09)	(0.06)	(0.36)	(0.24)	(0.32)	0.09	(0.24)	(0.02)
1934	Critical	0.11	(0.01)	(0.25)	(0.06)	(0.02)	(0.03)	(0.06)	(1.14)	(0.16)	4.81	(4.23)	3.22	0.18
1935	Below Normal	(3.69)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.02)	0.00	(0.31)
1936	Below Normal	(0.01)	0.00	0.00	0.01	0.00	0.01	0.03	0.18	(0.02)	0.04	(0.02)	0.00	0.02
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.24	(0.04)	(0.03)	0.00	0.02
1938	Wet	0.00	0.00	0.03	0.00	0.00	0.00	0.04	0.19	(0.01)	(0.20)	0.03	(0.04)	0.00
1939	Dry	(0.06)	1.05	(0.23)	(0.02)	(0.02)	(0.01)	(0.10)	0.03	0.23	(0.09)	(0.42)	(0.04)	0.03
1940	Above Normal	0.63	0.04	(0.01)	0.00	(0.02)	0.00	0.01	0.09	0.00	(0.01)	0.24	0.51	0.12
1941	Wet	0.01	(0.12)	(0.66)	(0.14)	0.00	(0.23)	0.00	0.01	(0.01)	(0.02)	(0.01)	0.00	(0.10)
1942	Wet	(0.04)	0.03	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.12	0.01	(0.01)	0.01
1943	Wet	0.00	(0.02)	0.00	(0.02)	0.00	0.00	0.05	0.05	(0.10)	(0.09)	(0.05)	0.15	0.00
1944	Dry	(0.07)	0.63	(0.02)	(0.02)	(0.01)	0.34	(0.03)	(0.03)	(0.02)	(0.14)	(0.19)	(0.02)	0.04
1945	Below Normal	(0.01)	(0.01)	(0.02)	(0.01)	0.00	0.00	(0.68)	(0.78)	(0.70)	0.03	(0.16)	(1.07)	(0.28)
1946	Below Normal	(0.53)	1.05	0.12	0.00	0.01	0.00	(0.03)	(0.03)	(0.03)	(0.02)	(0.02)	0.04	0.05
1947	Dry	(0.06)	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.02	0.05	0.00
1948	Below Normal	0.01	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00	0.01	0.00	(0.01)	0.00
1949	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	(0.01)	0.04	0.00	0.00	0.01
1951	Above Normal	0.08	0.00	0.00	0.00	(0.05)	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.01	0.00	0.00	0.00	0.09	0.05	(0.01)	(0.04)	(0.03)	0.00	0.01
1953	Wet	0.08	1.64	(1.44)	(0.23)	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00
1954	Above Normal	0.00	(0.17)	0.00	0.15	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
1955	Dry	(0.01)	0.03	0.00	0.02	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.08)	(0.01)
1956	Wet	0.00	0.01	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.03	(0.03)	(0.06)	(0.04)	0.00	0.00
1959	Below Normal	0.00	0.11	0.00	(0.10)	(0.01)	0.00	0.06	(0.01)	(0.01)	0.01	0.01	0.00	0.00
1960	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00
1961	Dry	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1962	Below Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	(0.03)	0.00	0.00	(0.01)	(0.01)	0.00	0.00	(0.04)	(0.01)
1964	Dry	0.02	0.03	(0.02)	(0.01)	0.01	0.00	0.01	0.01	0.00	0.00	0.01	0.00	0.01
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	(0.06)	(0.04)	(0.01)	0.00	(0.01)
1966	Below Normal	0.01	(0.20)	0.00	0.00	0.01	0.27	0.09	0.01	0.00	0.02	0.06	(0.07)	0.02
1967	Wet	(0.03)	0.00	0.00	0.00	0.00	0.00	0.08	0.04	(0.01)	0.03	(0.04)	0.17	0.02
1968	Below Normal	(0.16)	1.54	(0.08)	(0.04)	(1.58)	0.00	0.00	(0.02)	(0.01)	0.02	0.00	0.00	(0.03)
1969	Wet	(0.01)	(0.01)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	(0.04)	0.00
1970	Wet	(0.07)	0.00	(0.05)	0.00	0.00	0.00	0.00	0.00	0.01	(0.10)	0.00	0.00	(0.02)
1971	Wet	0.01	(0.02)	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00
1972	Below Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	(0.01)	(0.02)	0.00	1.23	0.12
1974	Wet	(0.87)	(0.19)	0.00	0.00	0.00	0.00	0.06	(0.02)	(0.05)	0.10	(0.02)	0.00	(0.08)
1975	Wet	0.00	(0.15)	0.00	0.00	0.02	0.00	0.00	0.01	0.01	0.01	(0.01)	0.00	(0.01)
1976	Critical	0.00	0.04	0.00	0.00	0.00	0.00	0.00	(0.01)	0.06	0.07	(0.04)	0.00	0.01
1977	Critical	(0.04)	(0.04)	(0.02)	0.01	(0.02)	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	(0.01)
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	(0.06)	0.03	(0.01)	0.00	0.00
1979	Below Normal	0.00	0.71	0.02	0.38	(0.11)	0.00	(0.01)	0.48	(0.08)	(0.08)	(0.02)	0.47	0.15
1980	Above Normal	(0.42)	(0.24)	0.00	0.00	0.00	0.00	(0.30)	(0.02)	(0.02)	1.14	(1.16)	1.20	0.02
1981	Dry	(0.31)	(1.52)	0.03	0.02	0.02	0.01	0.01	0.02	0.04	(0.35)	(0.84)	(0.09)	(0.25)
1982	Wet	0.01	0.81	0.00	(0.04)	0.00	0.00	0.00	0.06	0.00	(0.02)	(0.01)	0.00	0.07
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	(0.01)	(0.08)	(0.04)	(0.01)
1987	Dry	0.00	0.51	0.00	0.00	0.00	(0.01)	(0.02)	(0.03)	0.86	(0.06)	(0.36)	(0.15)	0.06
1988	Critical	(0.17)	(0.01)	(0.01)	(0.01)	(0.03)	0.00	(0.10)	(0.01)	(0.01)	(0.07)	(0.02)	0.00	(0.04)
1989	Dry	0.00	(0.01)	0.00	(0.04)	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	(0.01)	(0.01)
1990	Critical	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	(0.01)	(0.01)	0.00	(0.01)	0.00
1991	Critical	(0.01)	0.00	(0.01)	0.00	(0.01)	(0.01)	0.00	(0.01)	(0.01)	(0.08)	0.02	0.00	(0.01)
1992	Critical	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.02)	(0.01)	0.07	0.00
1993	Above Normal	(0.01)	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	0.00	(0.01)	(0.02)	(0.01)	(0.01)
1994	Critical	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	(0.05)	(0.05)	(0.01)	0.01	0.01	(0.01)
1995	Wet	0.00	0.00	0.00	(0.02)	0.00	0.00	0.02	0.08	(0.08)	(0.30)	(0.05)	0.00	(0.03)
1996	Wet	(0.01)	1.58	(0.42)	(0.26)	(0.04)	0.00	0.03	0.00	0.08	(0.04)	(0.03)	0.00	0.07
1997	Wet	(0.18)	(0.02)	0.01	0.00	0.00	0.00	0.03	(0.01)	(0.02)	(0.22)	(0.07)	(0.13)	(0.05)
1998	Wet	0.22	(0.79)	0.43	0.99	0.00	(0.09)	0.02	0.02	(0.02)	(0.02)	0.00	0.00	0.06
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.00
2000	Above Normal	0.10	(0.06)	0.01	(0.07)	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.01	0.00	(0.02)	(0.05)	0.00	0.00
2002	Dry	(0.03)	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.01
2003	Above Normal	0.04	0.01	(0.14)	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.01	(0.01)
	Average	(0.03)	0.09	(0.04)	(0.04)	(0.02)	0.00	(0.02)	(0.02)	(0.01)	0.09	(0.11)	0.07	(0.00)
	Wet	(0.03)	0.11	(0.08)	(0.00)	0.00	(0.01)	0.02	0.01	(0.01)	(0.03)	(0.01)	0.00	(0.00)
	Above Normal	0.04	(0.04)	(0.01)	0.01	(0.00)	(0.00)	(0.02)	0.03	(0.00)	0.14	(0.08)	0.25	0.03
	Below Normal	(0.29)	0.30	(0.01)	0.02	(0.14)	0.02	(0.04)	(0.06)	(0.10)	(0.00)	(0.03)	(0.11)	(0.04)
	Dry	(0.02)	0.06	(0.01)	0.00	0.01	0.02	(0.01)	0.01	0.05	0.13	(0.19)	(0.04)	0.00
	Critical	0.18	(0.01)	(0.08)	(0.27)	(0.01)	(0.01)	(0.10)	(0.13)	(0.03)	0.39	(0.31)	0.44	0.01

Percent Difference in Energy generated (GWh) at Tot. Loss: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
1923	Below Normal	2%	8%	-2%	0%	-3%	0%	-1%	-3%	-3%	0%	-1%	-6%
1924	Critical	0%	-6%	-7%	-24%	0%	1%	-7%	1%	1%	1%	1%	30%
1925	Dry	1%	1%	1%	1%	0%	0%	0%	0%	-1%	0%	0%	-6%
1926	Dry	1%	3%	0%	0%	2%	0%	0%	2%	0%	13%	-5%	-7%
1927	Wet	1%	0%	-1%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%
1929	Critical	12%	1%	0%	0%	1%	0%	0%	0%	0%	0%	3%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	1%	0%	0%	0%	0%	-1%	-3%	11%
1933	Critical	12%	7%	-2%	-2%	-2%	-2%	-1%	-3%	-2%	-2%	1%	-3%
1934	Critical	1%	0%	-6%	-1%	0%	-1%	-1%	-9%	-1%	28%	-24%	33%
1935	Below Normal	-43%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	1%	0%	-1%	0%	0%
1939	Dry	0%	9%	-2%	0%	0%	0%	-1%	0%	1%	0%	-2%	0%
1940	Above Normal	5%	0%	0%	0%	0%	0%	0%	1%	0%	0%	1%	3%
1941	Wet	0%	-1%	-5%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1944	Dry	0%	4%	0%	0%	0%	4%	0%	0%	0%	0%	-1%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	-6%	-5%	-3%	0%	-1%	-7%
1946	Below Normal	-5%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	11%	-14%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	-1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	2%	1%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1968	Below Normal	-1%	12%	-1%	0%	-6%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	7%
1974	Wet	-8%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	7%	0%	5%	-2%	0%	0%	3%	0%	0%	0%	3%
1980	Above Normal	-5%	-2%	0%	0%	0%	0%	-3%	0%	0%	4%	-5%	7%
1981	Dry	-3%	-11%	0%	0%	0%	0%	0%	0%	0%	-1%	-4%	-1%
1982	Wet	0%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	4%	0%	0%	0%	0%	0%	0%	3%	0%	-2%	-1%
1988	Critical	-2%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1996	Wet	0%	13%	-3%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	-1%
1998	Wet	2%	-6%	6%	6%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%
	Wet	0%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	1%
	Below Normal	-3%	3%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	-1%
	Dry	0%	1%	0%	0%	0%	0%	0%	0%	0%	1%	-1%	0%
	Critical	2%	0%	-1%	-2%	0%	0%	-1%	-1%	0%	2%	-2%	5%

Energy generated (GWh) at Trinity Dam: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	82.18	26.08	12.08	12.09	10.90	8.77	17.06	67.26	20.84	45.46	44.30	52.11	399.13
1923	Below Normal	24.00	16.34	11.53	8.37	7.62	10.38	16.51	70.23	43.01	52.19	55.02	36.71	351.91
1924	Critical	21.16	7.19	8.25	53.61	6.42	10.93	26.81	28.25	16.22	29.98	27.52	8.92	245.26
1925	Dry	4.78	3.75	4.12	37.36	3.61	5.15	9.43	87.27	60.17	51.85	25.05	23.31	315.85
1926	Dry	10.07	6.19	6.39	6.44	5.84	5.16	11.42	61.79	28.00	26.55	29.85	27.27	224.97
1927	Wet	10.04	6.21	6.91	10.35	5.08	8.28	9.63	99.25	57.55	60.09	43.86	51.67	368.92
1928	Above Normal	34.26	16.07	11.50	11.52	7.86	6.33	10.82	99.12	50.26	40.06	54.36	50.59	392.75
1929	Critical	23.24	15.78	11.14	70.71	6.83	10.51	19.30	34.25	33.83	55.63	34.61	23.71	339.54
1930	Dry	10.20	6.24	6.44	6.84	6.22	7.19	12.40	61.72	32.57	31.08	43.17	22.83	246.90
1931	Critical	9.80	5.99	6.16	6.12	5.56	7.65	15.78	26.09	15.79	29.55	46.56	7.96	183.01
1932	Dry	17.65	6.51	2.85	2.88	2.77	3.23	6.62	39.53	13.70	20.70	19.93	7.68	144.05
1933	Critical	7.14	4.57	3.43	3.21	2.78	3.21	7.52	39.88	14.06	28.12	9.60	8.99	132.51
1934	Critical	17.74	3.47	3.56	3.65	3.50	4.19	15.30	31.67	15.63	29.87	43.08	24.26	195.92
1935	Below Normal	17.55	2.37	2.76	2.95	2.88	3.52	6.86	43.65	15.14	28.67	9.74	9.12	145.21
1936	Below Normal	4.90	3.77	3.89	3.96	4.02	6.31	9.70	74.45	37.94	35.29	27.01	21.06	232.30
1937	Below Normal	8.97	4.11	4.21	4.18	3.76	4.21	8.08	53.03	18.35	40.85	25.91	24.13	199.79
1938	Wet	10.42	6.43	5.21	6.23	5.27	6.02	8.97	101.85	99.09	28.61	47.27	46.15	371.52
1939	Dry	53.58	12.12	18.42	9.04	8.18	6.69	21.78	67.26	81.01	80.88	75.54	59.02	493.52
1940	Above Normal	29.48	20.38	6.62	6.82	4.93	5.88	15.30	99.55	72.77	68.88	52.11	38.63	421.35
1941	Wet	22.37	15.20	5.75	5.93	5.59	80.01	63.80	103.18	100.40	103.17	58.78	72.95	637.13
1942	Wet	51.72	17.52	96.32	60.66	50.13	9.27	18.11	102.65	61.15	71.95	50.59	69.18	659.25
1943	Wet	49.49	17.52	28.95	26.06	14.68	34.46	17.82	102.05	55.20	61.51	44.81	52.82	505.37
1944	Dry	35.07	16.45	11.63	11.59	10.81	31.30	21.19	37.72	53.83	77.98	56.09	34.94	398.60
1945	Below Normal	11.18	6.87	7.18	7.39	6.76	7.97	14.61	88.27	57.58	52.11	42.02	21.33	323.27
1946	Below Normal	11.21	6.93	5.38	5.79	7.36	8.25	13.48	98.02	71.36	57.06	51.80	38.40	375.04
1947	Dry	22.21	15.08	10.69	8.53	7.02	7.90	17.86	66.54	30.56	44.54	52.08	25.81	308.82
1948	Below Normal	11.21	7.00	7.65	7.23	10.05	10.79	14.32	87.38	43.09	24.03	40.69	9.72	273.16
1949	Dry	7.57	5.87	8.17	8.59	7.30	5.94	12.37	96.88	63.80	58.31	52.92	49.15	376.87
1950	Below Normal	22.53	15.28	10.75	10.69	7.03	7.91	15.88	68.55	32.01	51.95	44.82	36.90	324.30
1951	Above Normal	16.91	5.60	5.87	6.46	12.60	11.75	42.36	101.65	59.98	61.07	55.65	51.96	431.86
1952	Wet	34.47	16.18	6.14	6.47	5.98	10.51	68.40	103.15	64.57	99.36	52.12	69.52	536.87
1953	Wet	49.44	6.57	20.08	98.12	15.18	17.55	21.92	102.40	60.37	65.41	53.96	72.30	583.30
1954	Above Normal	50.60	37.00	26.64	19.61	48.86	60.42	64.57	102.57	61.11	62.85	45.95	54.39	634.57
1955	Dry	25.17	17.16	12.23	50.98	7.91	10.74	17.04	71.40	33.33	43.33	52.67	48.86	390.82
1956	Wet	22.39	15.19	5.61	31.15	20.19	26.60	42.36	102.98	99.74	64.15	21.30	65.28	516.94
1957	Above Normal	51.70	8.59	12.45	12.43	11.09	28.91	13.96	102.04	51.21	62.92	45.92	54.28	455.50
1958	Wet	27.00	35.60	43.94	46.82	90.59	101.35	40.10	103.18	100.34	98.22	55.65	70.45	813.24
1959	Below Normal	50.19	6.58	12.45	49.95	7.61	19.38	19.19	101.94	83.84	88.74	65.08	59.67	564.62
1960	Dry	22.64	15.35	10.79	10.71	10.01	8.02	14.39	92.24	45.61	56.27	50.89	37.62	374.54
1961	Dry	21.71	14.72	5.64	7.74	5.16	6.17	13.08	94.55	48.63	58.69	53.29	49.56	378.94
1962	Below Normal	22.75	15.44	10.90	7.94	5.32	8.20	12.15	95.06	62.36	57.05	51.65	38.29	387.11
1963	Wet	7.34	5.90	6.08	8.67	9.30	6.92	22.76	102.79	61.52	63.56	46.42	43.81	385.07
1964	Dry	25.54	32.31	21.88	22.97	26.73	11.08	20.91	72.43	44.00	81.21	63.33	36.83	459.22
1965	Wet	21.27	14.46	5.22	18.79	8.18	10.07	10.30	102.08	62.54	61.72	45.07	42.58	402.28
1966	Below Normal	35.73	16.78	12.07	8.77	8.06	6.59	41.88	102.69	58.36	63.13	83.01	53.43	490.50
1967	Wet	35.56	16.71	12.41	28.25	18.28	27.38	10.52	102.32	61.05	75.14	53.54	71.39	512.55
1968	Below Normal	53.99	8.88	14.39	19.62	72.02	23.72	19.01	100.97	62.32	71.03	53.94	50.23	550.12
1969	Wet	23.10	15.71	8.07	6.08	5.69	6.46	9.15	102.92	100.01	64.55	47.33	48.12	437.19
1970	Wet	50.69	6.78	82.58	98.12	24.76	23.16	26.04	100.69	74.16	72.48	53.39	59.50	672.35
1971	Wet	22.56	15.40	6.01	6.12	7.97	17.29	24.31	102.31	60.39	27.23	45.19	68.47	403.25
1972	Below Normal	49.16	10.31	14.87	27.46	9.41	91.07	13.89	101.78	53.35	61.65	56.23	52.56	541.74
1973	Above Normal	24.24	6.16	6.36	10.67	23.60	14.57	20.26	102.63	60.86	63.59	75.67	53.99	462.60
1974	Wet	24.98	93.99	93.91	98.12	7.88	79.85	21.40	103.04	99.97	64.50	52.04	68.95	808.63
1975	Wet	48.90	6.58	12.42	9.03	8.12	43.89	16.35	102.45	61.23	88.02	51.62	69.63	518.24
1976	Critical	53.71	17.50	20.38	80.01	8.06	8.92	15.28	71.19	49.07	79.89	54.40	36.34	494.75
1977	Critical	20.92	13.94	22.98	12.52	8.66	9.18	18.07	26.45	16.14	30.11	51.19	8.17	238.33
1978	Above Normal	30.18	2.83	3.22	3.94	4.42	5.25	8.14	93.50	90.03	53.57	39.01	27.26	361.35
1979	Below Normal	7.15	5.54	7.61	7.58	6.88	7.72	14.02	64.26	31.83	41.13	44.78	36.87	275.37
1980	Above Normal	7.10	5.51	5.82	5.81	5.66	9.03	15.17	101.23	89.07	59.75	54.54	50.82	409.51
1981	Dry	23.37	10.92	11.20	11.29	7.52	8.67	16.16	69.53	33.66	62.51	71.99	37.75	364.57
1982	Wet	21.80	5.37	5.89	14.28	67.05	33.13	21.78	102.76	98.98	62.74	11.68	28.24	473.70
1983	Wet	61.27	19.85	57.87	66.10	67.49	100.25	22.01	103.18	100.40	103.17	72.22	77.36	851.17
1984	Wet	55.14	52.17	97.78	45.61	8.47	20.96	17.82	101.80	65.42	61.86	45.15	53.28	625.46
1985	Dry	35.41	6.09	6.59	46.17	7.95	10.32	20.42	75.87	46.71	82.41	76.55	36.86	451.35
1986	Wet	21.24	7.20	7.41	7.42	4.83	17.54	71.30	100.27	73.49	69.70	52.84	58.83	492.07
1987	Dry	22.31	15.15	10.66	10.63	9.63	10.93	19.41	69.44	73.26	75.34	62.92	38.08	417.76
1988	Critical	12.40	7.71	6.50	6.97	6.73	10.05	22.20	61.95	33.25	55.32	34.53	23.70	281.31
1989	Dry	10.21	6.27	6.55	25.73	5.81	6.56	11.35	83.91	53.62	52.28	29.40	23.18	314.87
1990	Critical	10.04	6.27	6.52	6.49	6.04	7.38	17.01	53.85	17.69	29.75	32.45	22.09	215.58
1991	Critical	9.47	5.79	5.95	5.90	5.34	4.39	13.16	25.41	16.00	30.30	28.12	9.20	159.03
1992	Critical	4.95	3.81	4.20	4.21	3.74	4.42	8.60	54.54	17.93	34.01	60.03	48.98	249.42
1993	Above Normal	14.04	24.07	2.94	3.11	3.11	4.00	9.19	85.68	48.26	22.22	35.97	27.07	279.66
1994	Critical	7.06	5.47	7.50	7.54	6.91	9.20	20.10	36.86	35.89	51.44	35.13	24.16	247.26
1995	Wet	10.42	6.39	6.55	4.75	5.03	5.83	9.39	102.38	99.34	42.83	52.50	68.33	413.74
1996	Wet	48.95	6.58	42.27	31.77	92.69	43.50	22.31	102.13	60.56	62.19	41.30	42.87	597.12
1997	Wet	24.96	17.00	96.94	98.12	8.18	9.23	42.98	99.93	82.64	66.90	55.43	39.30	641.61
1998	Wet	25.95	7.17	7.45	5.45	5.32	83.49	32.69	103.04	100.36	103.17	60.22	70.29	604.60
1999	Wet	49.82	30.36	32.29	19.59	11.99	34.01	14.42	102.77	61.04	64.67	47.38	53.84	522.18
2000	Above Normal	48.83	18.37	15.93	48.01	63.27	45.50	61.48	102.65	61.57	64.10	46.93	72.19	648.83
2001	Dry	25.45	17.34	12.23	12.19	7.97	8.79	14.35	77.66	51.96	85.31	80.80	38.76	432.81
2002	Dry	43.36	14.96	10.70	5.79	7.62	8.69	17.57	97.88	63.62	57.98	52.53	38.96	419.66
2003	Above Normal	22.55	15.28	5.72	5.91	8.01	9.06	10.39	102.87	62.93	83.24	53.41	73.70	453.07
	Average	26.68	13.37	16.15	21.13	14.09	18.72	20.39	82.71	55.62	57.94	47.85	42.85	417.49
	Wet	31.97	17.85	30.77	33.00	22.07	32.96	26.41	102.21	77.75	69.50	48.53	59.04	552.07
	Above Normal	34.34	15.50	9.60	12.20	17.03	17.46	24.06	96.73	60.74	57.31	50.32	50.58	445.85
	Below Normal	23.61	9.01	8.97	12.28	11.34	15.43	15.68	82.16	47.90	51.78	46.55	34.89	359.60
	Dry	23.13	12.36	9.84	16.42	8.23	9.03	15.43	73.53	47.67	58.18	52.72	35.36	361.90
	Critical	16.47	8.12	8.88	21.75	5.88	7.50	16.59	40.87	23.46	40.33	38.10	20.54	248.49

Energy generated (GWh) at Trinity Dam: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	82.18	26.08	12.08	12.09	10.90	8.77	17.06	67.26	20.84	45.46	44.30	52.11	399.13
1923	Below Normal	24.00	16.34	11.53	8.37	7.62	10.38	16.51	70.23	43.01	52.19	55.02	36.71	351.91
1924	Critical	21.16	7.19	8.25	33.31	6.62	11.28	20.14	29.59	17.06	31.73	29.46	19.66	235.45
1925	Dry	5.01	3.91	4.28	38.87	3.74	5.28	9.62	88.49	61.27	52.91	25.62	19.84	318.84
1926	Dry	10.42	6.41	6.61	6.67	6.03	5.30	11.68	63.14	28.66	40.95	30.08	23.72	239.67
1927	Wet	10.21	6.31	7.00	7.56	5.14	8.37	9.72	99.72	58.04	60.61	44.28	52.20	369.16
1928	Above Normal	34.64	16.25	11.62	11.64	7.95	6.39	10.91	99.92	50.68	45.16	54.71	50.95	400.82
1929	Critical	33.70	15.76	11.12	70.59	6.81	10.49	19.26	34.20	33.77	55.52	34.53	23.65	349.40
1930	Dry	10.17	6.23	6.42	6.83	6.20	7.17	12.38	61.62	32.51	31.02	42.29	22.81	245.65
1931	Critical	9.79	5.99	6.15	6.11	5.55	7.65	15.77	26.06	15.77	29.51	46.13	7.96	182.44
1932	Dry	17.63	6.52	2.85	2.88	2.77	3.23	6.62	39.53	13.70	20.45	19.93	7.69	143.80
1933	Critical	7.35	4.55	3.43	3.21	2.78	3.21	7.53	39.89	14.07	28.12	9.60	9.00	132.74
1934	Critical	17.79	3.47	3.56	3.65	3.50	4.19	15.30	25.73	15.84	54.67	22.83	35.36	205.89
1935	Below Normal	7.86	2.37	2.76	2.95	2.88	3.52	6.86	43.65	15.14	28.67	9.74	9.12	135.52
1936	Below Normal	4.90	3.77	3.89	3.96	4.02	6.31	9.70	74.45	37.94	35.29	27.01	21.06	232.30
1937	Below Normal	8.97	4.11	4.21	4.18	3.76	4.21	8.08	53.03	18.35	40.85	25.91	24.13	199.79
1938	Wet	10.42	6.43	5.21	6.23	5.27	6.02	8.97	101.85	99.09	28.61	47.27	46.15	371.52
1939	Dry	53.58	12.12	18.42	9.04	8.18	6.69	21.78	67.91	83.82	80.67	75.30	58.34	495.85
1940	Above Normal	30.70	20.45	6.57	6.78	4.91	5.86	15.25	99.39	72.55	68.65	51.91	38.47	421.49
1941	Wet	22.27	15.13	5.73	5.91	5.57	74.85	63.80	103.18	100.40	103.17	58.78	72.95	631.74
1942	Wet	51.72	17.52	96.32	60.66	50.13	9.27	18.11	102.65	61.15	71.95	50.59	69.18	659.25
1943	Wet	49.49	17.52	28.95	26.06	14.68	34.46	17.82	102.05	55.20	61.51	44.81	52.82	505.37
1944	Dry	35.07	16.45	11.63	11.59	10.81	33.97	21.15	37.64	53.91	77.79	55.52	34.84	400.37
1945	Below Normal	11.15	6.85	7.16	7.37	6.74	7.95	14.58	88.10	57.46	51.99	41.92	21.27	322.54
1946	Below Normal	11.18	5.16	5.38	5.79	7.36	8.24	13.47	98.01	71.35	57.05	51.79	38.39	373.17
1947	Dry	22.20	15.07	10.69	8.53	7.02	7.90	17.85	66.53	30.55	44.53	52.07	25.80	308.74
1948	Below Normal	11.21	7.00	7.65	7.23	10.05	10.79	14.32	87.36	43.08	24.03	40.68	9.72	273.12
1949	Dry	7.57	5.87	8.16	8.59	7.30	5.94	12.37	96.87	63.79	58.30	52.91	49.14	376.81
1950	Below Normal	22.53	15.27	10.75	10.68	7.03	7.91	15.87	68.54	32.00	51.94	44.81	36.90	324.23
1951	Above Normal	17.55	5.59	5.87	6.46	11.59	11.75	42.36	101.65	59.98	61.07	55.65	51.96	431.48
1952	Wet	34.47	16.18	6.14	6.47	5.98	10.51	68.40	103.15	64.57	99.36	52.12	69.52	536.87
1953	Wet	49.44	6.57	20.08	98.12	15.18	17.55	21.91	102.40	60.37	65.41	53.96	72.30	583.29
1954	Above Normal	50.61	37.00	26.64	19.61	48.86	60.42	64.57	102.57	61.11	62.85	45.95	54.39	634.58
1955	Dry	25.17	17.16	12.23	51.10	7.91	10.74	17.04	71.40	33.32	43.32	52.66	48.85	390.90
1956	Wet	22.39	15.19	5.61	31.03	20.19	26.60	42.36	102.98	99.74	64.15	21.29	65.30	516.83
1957	Above Normal	51.70	8.59	12.45	12.43	11.09	28.91	13.96	102.04	51.21	62.92	45.92	54.28	455.50
1958	Wet	27.00	35.60	43.94	46.82	90.59	101.35	40.10	103.18	100.34	98.22	55.65	70.45	813.24
1959	Below Normal	50.19	6.58	12.45	49.95	7.61	19.38	19.31	101.94	83.84	88.73	65.12	59.66	564.76
1960	Dry	22.64	15.35	10.78	10.71	10.01	8.02	14.39	92.23	45.61	56.26	50.88	37.62	374.50
1961	Dry	21.71	14.72	5.64	7.73	5.16	6.17	13.08	94.54	48.63	58.69	53.29	49.55	378.91
1962	Below Normal	22.75	15.44	10.90	7.94	5.32	8.20	12.15	95.05	62.36	57.05	51.64	38.29	387.09
1963	Wet	7.34	5.90	6.08	8.67	9.15	6.92	22.76	102.79	61.52	63.56	46.42	43.81	384.92
1964	Dry	25.54	32.31	21.88	22.86	26.75	11.08	20.91	72.44	44.00	81.21	63.38	36.83	459.19
1965	Wet	21.27	14.46	5.22	18.83	8.18	10.07	10.30	102.08	62.54	61.72	45.07	42.58	402.32
1966	Below Normal	35.73	16.78	12.07	8.77	8.06	6.59	41.89	102.69	58.36	63.13	83.36	53.42	490.85
1967	Wet	35.55	16.71	12.07	28.25	18.28	27.38	10.52	102.32	61.05	75.14	53.54	71.39	512.20
1968	Below Normal	53.99	8.88	14.39	19.62	72.02	23.72	19.01	100.97	62.32	71.03	53.94	50.23	550.12
1969	Wet	23.10	15.71	8.07	6.08	5.69	6.46	9.15	102.92	100.01	64.55	47.33	48.12	437.19
1970	Wet	50.69	6.78	82.58	98.12	24.76	23.16	26.05	100.69	74.16	72.55	53.39	59.50	672.43
1971	Wet	22.56	15.40	6.01	6.12	7.97	17.21	24.31	102.31	60.39	27.23	45.19	68.47	403.17
1972	Below Normal	49.16	10.31	14.87	27.46	9.41	91.07	13.89	101.78	53.35	61.65	56.23	52.56	541.74
1973	Above Normal	24.24	6.16	6.36	10.67	23.60	14.57	20.26	102.63	60.86	63.59	75.67	53.99	462.60
1974	Wet	24.98	93.99	93.91	98.12	7.88	79.85	21.40	103.04	99.97	64.50	52.04	68.95	808.63
1975	Wet	48.90	6.58	12.42	9.03	8.12	43.89	16.35	102.45	61.23	88.02	51.62	69.63	518.24
1976	Critical	53.71	17.50	20.38	80.01	8.06	8.92	15.28	71.19	49.58	79.85	54.37	36.32	495.17
1977	Critical	20.91	13.67	22.88	12.54	8.57	9.18	18.07	26.45	16.14	30.11	51.19	8.17	237.88
1978	Above Normal	30.17	2.83	3.22	3.94	4.42	5.25	8.14	93.51	90.03	53.57	39.01	27.26	361.35
1979	Below Normal	7.15	5.54	7.61	10.43	6.86	7.69	13.99	67.21	31.67	40.91	44.52	36.64	280.22
1980	Above Normal	7.05	5.48	5.78	5.78	5.64	9.00	12.60	101.11	88.85	59.59	54.39	50.66	405.93
1981	Dry	23.29	15.80	11.11	11.20	7.47	8.61	16.06	69.12	33.46	59.10	66.08	37.74	359.04
1982	Wet	21.79	5.37	5.89	14.09	67.05	33.13	21.78	102.76	98.98	62.74	11.68	28.24	473.50
1983	Wet	61.27	19.85	57.87	66.10	67.49	100.25	22.01	103.18	100.40	103.17	72.22	77.36	851.17
1984	Wet	55.14	52.17	97.78	45.61	8.47	20.96	17.82	101.80	65.42	61.86	45.15	53.28	625.46
1985	Dry	35.41	6.09	6.59	46.17	7.95	10.32	20.42	75.87	46.72	82.41	76.55	36.86	451.36
1986	Wet	21.24	7.20	7.41	7.42	4.83	17.53	71.30	100.27	73.49	69.70	52.84	58.83	492.06
1987	Dry	22.31	15.15	10.66	10.63	9.63	10.93	19.41	69.44	79.90	74.86	60.63	37.05	420.60
1988	Critical	11.33	7.69	6.48	6.95	6.71	10.03	21.51	61.85	33.19	55.22	34.46	23.65	279.07
1989	Dry	10.18	6.25	6.54	25.41	5.80	6.55	11.33	83.81	53.56	52.21	29.36	23.14	314.14
1990	Critical	10.02	6.26	6.50	6.47	6.03	7.37	16.98	53.77	17.66	29.71	32.39	22.05	215.21
1991	Critical	9.45	5.78	5.94	5.88	5.32	4.38	13.13	25.36	15.97	30.24	28.05	9.17	158.67
1992	Critical	4.93	3.80	4.19	4.20	3.73	4.41	8.59	54.47	17.90	33.97	59.93	49.21	249.33
1993	Above Normal	13.97	23.92	2.91	3.09	3.09	3.99	9.17	85.55	48.18	22.19	35.81	27.02	278.89
1994	Critical	7.05	5.46	7.49	7.53	6.90	9.19	20.07	36.52	35.57	51.39	35.09	24.13	246.39
1995	Wet	10.41	6.39	6.54	4.75	5.02	5.83	9.38	102.36	99.32	41.75	52.50	68.33	412.58
1996	Wet	48.95	6.58	42.27	31.77	92.69	43.50	22.31	102.13	60.56	62.19	41.37	42.86	597.18
1997	Wet	24.96	17.00	96.94	98.12	8.18	9.23	42.98	99.93	82.64	66.90	55.43	37.93	640.24
1998	Wet	25.99	7.18	10.27	5.44	5.31	81.59	32.69	103.04	100.36	103.17	60.22	70.29	605.55
1999	Wet	49.82	30.36	32.29	19.59	11.99	34.01	14.42	102.77	61.04	64.67	47.38	53.84	522.18
2000	Above Normal	48.83	18.37	15.93	48.01	63.27	45.50	61.48	102.65	61.57	64.10	46.93	72.19	648.83
2001	Dry	25.45	17.34	12.23	12.19	7.97	8.79	14.35	77.74	51.96	85.30	80.79	38.75	432.86
2002	Dry	43.17	14.96	10.71	5.79	7.62	8.69	17.57	97.89	63.63	57.99	52.54	38.96	419.52
2003	Above Normal	22.55	15.28	5.72	5.91	8.01	9.07	10.40	102.88	62.94	83.41	53.41	73.70	453.28
	Average	26.71	13.41	16.19	20.89	14.08	18.67	20.27	82.73	55.76	58.43	47.50	42.99	417.63
	Wet	31.98	17.85	30.87	32.88	22.07	32.69	26.41	102.23	77.77	69.48	48.54	59.01	551.78
	Above Normal	34.52	15.50	9.60	12.20	16.94	17.46	23.85	96.76	60.73	57.71	50.31	50.58	446.16
	Below Normal	22.91	8.89	8.97	12.48	11.34	15.43	15.69	82.36	47.87	51.75	46.55	34.86	359.10
	Dry	23.14	12.65	9.86	16.49	8.24	9.19	15.45	73.68	48.28	58.78	52.22	34.86	362.82
	Critical	17.27	8.09	8.86	20.04	5.88	7.53	15.97	40.42	23.54	42.50	36.50	22.36	248.97

Difference in Energy generated (GWh) at Trinity Dam: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	(20.30)	0.20	0.35	(6.67)	1.34	0.84	1.75	1.94	10.74	(0.82)
1925	Dry	0.23	0.16	0.16	1.51	0.13	0.13	0.19	1.22	1.10	1.06	0.57	(3.47)	0.25
1926	Dry	0.35	0.22	0.22	0.23	0.19	0.14	0.26	1.35	0.66	14.40	0.23	(3.55)	1.23
1927	Wet	0.17	0.10	0.09	(2.79)	0.06	0.09	0.09	0.47	0.49	0.52	0.42	0.53	0.02
1928	Above Normal	0.38	0.18	0.12	0.12	0.09	0.06	0.09	0.80	0.42	5.10	0.35	0.36	0.67
1929	Critical	10.46	(0.02)	(0.02)	(0.12)	(0.02)	(0.02)	(0.04)	(0.05)	(0.06)	(0.11)	(0.08)	(0.06)	0.82
1930	Dry	(0.03)	(0.01)	(0.02)	(0.01)	(0.02)	(0.02)	(0.02)	(0.10)	(0.06)	(0.06)	(0.88)	(0.02)	(0.10)
1931	Critical	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.00	(0.01)	(0.03)	(0.02)	(0.04)	(0.43)	0.00	(0.05)
1932	Dry	(0.02)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.25)	0.00	0.01	(0.02)
1933	Critical	0.21	(0.02)	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.02
1934	Critical	0.05	0.00	0.00	0.00	0.00	0.00	0.00	(5.94)	0.21	24.80	(20.25)	11.10	0.83
1935	Below Normal	(9.69)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.81)
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	2.81	(0.21)	(0.24)	(0.68)	0.19
1940	Above Normal	1.22	0.07	(0.05)	(0.04)	(0.02)	(0.02)	(0.05)	(0.16)	(0.22)	(0.23)	(0.20)	(0.16)	0.01
1941	Wet	(0.10)	(0.07)	(0.02)	(0.02)	(0.02)	(5.16)	0.00	0.00	0.00	0.00	0.00	0.00	(0.45)
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	2.67	(0.04)	(0.08)	0.08	(0.19)	(0.57)	(0.10)	0.15
1945	Below Normal	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)	(0.17)	(0.12)	(0.12)	(0.10)	(0.06)	(0.06)
1946	Below Normal	(0.03)	(1.77)	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.16)
1947	Dry	(0.01)	(0.01)	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.01)	0.00	(0.01)	0.00	0.00
1949	Dry	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1950	Below Normal	0.00	(0.01)	0.00	(0.01)	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	(0.01)
1951	Above Normal	0.64	(0.01)	0.00	0.00	(1.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.01
1956	Wet	0.00	0.00	0.00	(0.12)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.02	(0.01)
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	(0.01)	0.04	(0.01)	0.01
1960	Dry	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	0.00	0.00
1961	Dry	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	(0.15)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1964	Dry	0.00	0.00	0.00	(0.11)	0.02	0.00	0.00	0.01	0.00	0.00	0.05	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.35	(0.01)	0.03
1967	Wet	(0.01)	0.00	(0.34)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.07	0.00	0.00	0.01
1971	Wet	0.00	0.00	0.00	0.00	0.00	(0.08)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	(0.04)	(0.03)	(0.02)	0.03
1977	Critical	(0.01)	(0.27)	(0.10)	0.02	(0.09)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1978	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	2.85	(0.02)	(0.03)	(0.03)	2.95	(0.16)	(0.22)	(0.26)	(0.23)	0.40
1980	Above Normal	(0.05)	(0.03)	(0.04)	(0.03)	(0.02)	(0.03)	(2.57)	(0.12)	(0.22)	(0.16)	(0.15)	(0.16)	(0.30)
1981	Dry	(0.08)	4.88	(0.09)	(0.09)	(0.05)	(0.06)	(0.10)	(0.41)	(0.20)	(3.41)	(5.91)	(0.01)	(0.46)
1982	Wet	(0.01)	0.00	0.00	(0.19)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.64	(0.48)	(2.29)	(1.03)	0.24
1988	Critical	(1.07)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.69)	(0.10)	(0.06)	(0.10)	(0.07)	(0.05)	(0.19)
1989	Dry	(0.03)	(0.02)	(0.01)	(0.32)	(0.01)	(0.01)	(0.02)	(0.10)	(0.06)	(0.07)	(0.04)	(0.04)	(0.06)
1990	Critical	(0.02)	(0.01)	(0.02)	(0.02)	(0.01)	(0.01)	(0.03)	(0.08)	(0.03)	(0.04)	(0.06)	(0.04)	(0.03)
1991	Critical	(0.02)	(0.01)	(0.01)	(0.02)	(0.02)	(0.01)	(0.03)	(0.05)	(0.03)	(0.06)	(0.07)	(0.03)	(0.03)
1992	Critical	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.07)	(0.03)	(0.04)	(0.10)	0.23	(0.01)
1993	Above Normal	(0.07)	(0.15)	(0.03)	(0.02)	(0.02)	(0.01)	(0.02)	(0.13)	(0.08)	(0.03)	(0.16)	(0.05)	(0.06)
1994	Critical	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.03)	(0.34)	(0.32)	(0.05)	(0.04)	(0.03)	(0.07)
1995	Wet	(0.01)	0.00	(0.01)	0.00	(0.01)	0.00	(0.01)	(0.02)	(0.02)	(1.08)	0.00	0.00	(0.10)
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	(0.01)	0.01
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.37)	(0.11)
1998	Wet	0.04	0.01	2.82	(0.01)	(0.01)	(1.90)	0.00	0.00	0.00	0.00	0.00	0.00	0.08
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	(0.01)	(0.01)	(0.01)	0.00
2002	Dry	(0.19)	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	(0.01)
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.17	0.00	0.00	0.02
	Average	0.03	0.04	0.03	(0.24)	(0.01)	(0.05)	(0.12)	0.01	0.15	0.50	(0.34)	0.14	0.01
	Wet	0.00	0.00	0.10	(0.12)	(0.01)	(0.27)	0.00	0.02	0.02	(0.02)	0.02	(0.03)	(0.02)
	Above Normal	0.18	0.01	(0.00)	0.00	(0.08)	0.00	(0.21)	0.03	(0.01)	0.40	(0.01)	(0.00)	0.03
	Below Normal	(0.70)	(0.13)	(0.00)	0.20	(0.00)	(0.00)	0.00	0.20	(0.02)	(0.03)	(0.00)	(0.02)	(0.04)
	Dry	0.01	0.29	0.01	0.07	0.01	0.16	0.01	0.14	0.61	0.60	(0.51)	(0.50)	0.08
	Critical	0.80	(0.03)	(0.02)	(1.71)	0.00	0.02	(0.63)	(0.44)	0.08	2.17	(1.60)	1.82	0.04

Percent Difference in Energy generated (GWh) at Trinity Dam: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	-38%	3%	3%	-25%	5%	5%	6%	7%	120%
1925	Dry	5%	4%	4%	4%	4%	3%	2%	1%	2%	2%	2%	-15%
1926	Dry	3%	4%	3%	4%	3%	3%	2%	2%	2%	54%	1%	-13%
1927	Wet	2%	2%	1%	-27%	1%	1%	1%	0%	1%	1%	1%	1%
1928	Above Normal	1%	1%	1%	1%	1%	1%	1%	1%	1%	13%	1%	1%
1929	Critical	45%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1933	Critical	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	-19%	1%	83%	-47%	46%
1935	Below Normal	-55%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	1%	3%	0%	0%	-1%
1940	Above Normal	4%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-6%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	9%	0%	0%	0%	0%	-1%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	-26%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	4%	0%	0%	0%	-8%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1977	Critical	0%	-2%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	38%	0%	0%	0%	5%	-1%	-1%	-1%	-1%
1980	Above Normal	-1%	-1%	-1%	-1%	0%	0%	-17%	0%	0%	0%	0%	0%
1981	Dry	0%	45%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-5%	-8%	0%
1982	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	9%	-1%	-4%	-3%
1988	Critical	-9%	0%	0%	0%	0%	0%	-3%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%
1998	Wet	0%	0%	38%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	0%	0%	0%	-1%	0%	0%	2%	-1%	2%
	Wet	0%	0%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	1%	0%	0%	0%	-1%	0%	-1%	0%	0%	1%	0%	0%
	Below Normal	-4%	-2%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%
	Dry	0%	3%	0%	0%	0%	1%	0%	0%	1%	3%	-1%	-2%
	Critical	3%	0%	0%	-3%	0%	0%	-2%	-1%	0%	7%	-4%	14%

Energy Use (GWh) At Pumping Plant at Alt. Misc.: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	11.17	11.82	1.56	1.00	1.00	11.34	1.89	14.13	12.15	19.02	18.62	10.74	114.44
1923	Below Normal	11.96	11.34	2.91	1.25	5.52	5.17	4.10	10.91	10.43	25.13	19.52	13.19	121.43
1924	Critical	17.58	8.90	4.16	3.81	1.30	1.00	3.20	9.97	1.00	5.84	4.24	6.70	67.70
1925	Dry	9.22	1.07	6.06	6.36	5.95	5.13	4.60	13.86	9.61	24.81	25.43	8.00	120.10
1926	Dry	9.97	8.63	3.75	4.24	1.00	1.00	6.13	12.21	8.63	20.17	18.46	11.28	105.47
1927	Wet	10.14	9.68	5.43	3.72	12.01	9.39	2.25	9.56	5.80	22.74	19.92	7.85	118.49
1928	Above Normal	5.92	10.94	4.38	3.61	1.00	12.64	2.54	11.17	5.91	19.27	21.85	11.26	110.49
1929	Critical	6.31	6.36	4.23	3.16	5.23	6.67	4.02	10.09	2.71	13.94	33.01	8.18	103.91
1930	Dry	9.39	5.23	5.34	5.47	8.07	5.74	6.96	16.97	4.09	18.78	15.74	5.87	107.65
1931	Critical	8.24	6.69	3.80	5.19	9.52	1.00	2.65	10.59	1.00	4.28	4.24	7.26	64.46
1932	Dry	8.66	3.64	6.14	7.18	14.37	1.00	3.48	11.76	1.00	3.14	21.61	16.86	98.84
1933	Critical	9.82	6.19	6.23	8.09	2.38	1.97	3.18	10.68	1.00	6.15	35.02	16.02	106.73
1934	Critical	10.73	4.32	3.79	1.00	1.00	1.00	3.24	10.83	1.00	5.54	3.36	5.90	51.71
1935	Below Normal	6.68	6.03	5.91	6.77	7.77	7.53	4.83	12.02	11.21	19.66	8.89	14.09	111.39
1936	Below Normal	16.45	8.19	5.91	2.27	2.41	1.91	4.53	11.51	7.96	23.86	13.90	18.30	117.20
1937	Below Normal	12.97	9.19	5.15	1.59	1.00	1.69	7.15	19.16	2.66	17.41	18.08	14.56	110.61
1938	Wet	9.63	10.02	5.37	1.00	1.00	1.00	12.59	75.14	12.10	21.21	17.85	9.66	176.57
1939	Dry	11.96	1.00	2.35	1.00	3.31	1.00	2.75	11.87	1.00	25.70	23.76	11.91	97.61
1940	Above Normal	8.43	6.41	1.11	1.96	7.07	13.03	4.64	12.66	6.04	19.45	20.70	7.53	109.03
1941	Wet	8.41	6.66	4.59	6.05	11.88	10.85	5.50	19.16	8.59	18.89	18.39	10.88	129.85
1942	Wet	12.25	11.89	3.48	3.88	8.10	9.80	4.28	16.50	8.67	18.68	18.23	10.37	126.13
1943	Wet	11.69	13.24	2.13	2.81	6.21	12.76	5.08	11.38	7.27	19.64	19.12	10.56	121.89
1944	Dry	11.38	8.70	2.48	1.00	3.00	4.43	4.32	12.27	5.70	25.41	18.66	6.96	104.31
1945	Below Normal	8.96	8.74	5.44	5.99	13.55	12.83	3.10	11.74	1.47	23.14	21.03	17.63	133.62
1946	Below Normal	14.33	8.84	4.33	5.57	9.33	6.71	1.20	11.94	1.00	22.71	20.52	15.74	122.22
1947	Dry	14.09	8.64	4.37	4.87	5.31	1.00	3.41	11.60	2.39	25.41	24.05	9.76	114.90
1948	Below Normal	9.24	8.05	3.37	1.00	1.00	5.73	4.20	11.44	8.51	20.38	25.99	13.09	112.00
1949	Dry	15.87	9.60	6.19	5.78	8.85	1.53	2.14	11.39	1.00	23.35	29.81	11.34	126.85
1950	Below Normal	11.09	7.24	3.01	1.00	1.11	9.08	4.16	12.46	11.81	25.37	19.78	13.64	119.75
1951	Above Normal	17.89	9.48	5.92	8.62	1.00	1.38	1.16	12.48	3.75	13.38	20.06	11.80	106.92
1952	Wet	9.81	10.68	3.53	4.87	8.75	10.18	6.05	31.80	13.03	17.35	16.60	9.72	142.37
1953	Wet	7.25	11.57	2.06	1.00	2.05	9.56	3.02	9.91	2.28	23.45	22.13	12.63	106.91
1954	Above Normal	5.69	10.17	4.75	1.00	2.95	8.56	3.56	9.80	5.76	11.26	22.46	11.91	97.87
1955	Dry	8.59	9.66	4.93	5.22	8.24	2.83	2.80	10.44	1.00	25.70	28.36	13.99	121.76
1956	Wet	7.69	8.31	5.06	7.42	14.96	1.00	1.18	12.90	10.77	20.04	19.60	11.39	120.32
1957	Above Normal	11.34	12.70	2.91	1.00	1.00	1.00	3.99	10.88	3.97	23.09	25.91	12.91	110.70
1958	Wet	14.50	10.91	5.24	3.81	12.24	9.10	11.94	26.30	12.26	16.71	16.81	9.71	149.53
1959	Below Normal	7.63	12.76	1.85	1.00	1.00	8.17	4.54	11.43	2.35	25.07	23.17	8.07	107.04
1960	Dry	11.93	6.08	4.07	4.18	3.00	4.81	3.51	16.99	2.84	22.80	22.78	12.92	115.91
1961	Dry	9.26	7.89	5.04	4.59	1.84	7.98	2.35	11.06	1.00	23.82	26.15	13.80	114.78
1962	Below Normal	7.64	6.83	1.60	4.22	4.80	10.02	3.87	10.97	1.44	24.49	22.21	10.95	109.04
1963	Wet	13.85	9.54	4.02	1.53	4.71	8.86	2.90	10.60	7.35	22.78	20.71	4.30	111.15
1964	Dry	8.20	9.26	6.63	4.24	4.49	3.65	1.30	11.22	1.00	25.07	32.64	11.93	119.63
1965	Wet	7.73	4.56	4.07	6.43	10.91	11.10	4.49	12.03	3.74	21.88	24.80	11.24	122.98
1966	Below Normal	11.42	11.46	2.84	2.31	4.86	5.43	1.00	10.64	1.00	25.40	21.48	11.28	109.12
1967	Wet	13.11	6.95	4.08	4.75	7.42	8.33	10.29	28.35	13.52	20.57	16.56	9.54	143.47
1968	Below Normal	9.46	7.35	2.03	1.00	1.00	9.48	3.93	11.29	2.12	24.43	22.72	7.83	102.64
1969	Wet	15.00	8.44	5.46	8.60	14.09	1.00	16.75	65.25	21.65	36.53	21.68	7.05	221.50
1970	Wet	10.44	1.00	2.25	5.20	1.53	1.58	1.68	10.74	1.00	18.52	20.71	11.99	86.64
1971	Wet	10.87	3.74	3.44	2.03	3.91	11.71	2.31	10.43	7.01	24.99	23.23	12.40	116.07
1972	Below Normal	11.91	4.51	5.16	4.63	1.30	1.68	2.48	11.72	2.61	25.99	23.23	10.87	106.09
1973	Above Normal	14.68	9.19	4.53	3.26	11.06	11.37	2.51	9.92	4.80	22.12	20.47	3.63	117.54
1974	Wet	13.85	9.05	4.77	6.55	7.99	5.26	2.28	10.60	5.07	19.35	21.78	10.28	116.83
1975	Wet	11.88	13.80	2.35	1.00	1.00	11.11	3.07	10.53	9.41	21.89	23.10	11.42	120.56
1976	Critical	13.35	10.81	3.75	3.28	8.63	7.47	6.14	10.89	1.00	16.23	3.86	3.14	88.55
1977	Critical	5.93	7.24	3.58	5.01	9.57	1.00	3.02	11.31	1.00	4.27	26.79	2.71	81.43
1978	Above Normal	6.10	1.72	3.28	4.86	14.47	13.41	7.91	21.55	12.12	20.27	18.05	10.87	134.61
1979	Below Normal	11.73	9.72	2.41	1.11	5.10	14.16	2.60	15.14	1.84	23.16	21.53	18.32	126.82
1980	Above Normal	13.70	4.93	4.61	6.59	11.60	1.00	2.16	12.68	11.52	20.77	35.04	3.85	128.45
1981	Dry	9.77	10.18	2.12	1.00	1.00	5.75	5.71	12.37	1.00	23.66	25.21	11.76	109.53
1982	Wet	12.52	8.62	4.20	5.72	12.82	5.18	17.96	34.91	11.66	17.41	16.67	10.64	158.31
1983	Wet	18.13	17.90	7.91	1.00	1.00	1.00	17.53	63.08	25.31	55.97	27.97	18.55	255.35
1984	Wet	1.02	1.00	1.00	1.00	1.00	1.25	1.10	10.29	1.00	21.62	20.71	12.37	73.36
1985	Dry	7.51	8.70	4.24	2.74	5.25	5.56	4.28	11.55	1.00	23.26	29.86	11.42	115.37
1986	Wet	12.62	9.81	4.86	1.00	11.81	9.32	7.29	21.56	12.44	21.61	35.05	1.00	148.37
1987	Dry	4.67	1.00	3.47	1.22	3.08	6.19	3.60	11.31	3.79	33.04	12.28	6.88	90.53
1988	Critical	12.40	7.16	3.42	2.56	1.00	1.00	5.71	11.38	1.08	19.77	31.54	4.04	101.06
1989	Dry	6.61	5.64	4.76	7.54	2.22	1.89	4.85	12.42	7.07	26.85	18.70	12.66	111.21
1990	Critical	7.68	5.67	4.19	3.76	2.37	1.19	4.24	12.94	1.00	19.03	26.85	3.43	92.35
1991	Critical	8.98	5.54	4.01	1.00	4.76	1.00	4.71	12.40	2.00	15.94	20.51	3.79	84.64
1992	Critical	3.52	5.96	1.15	1.37	2.13	5.38	3.60	12.21	3.35	44.06	26.25	3.12	112.10
1993	Above Normal	3.87	5.01	3.12	3.98	10.95	10.13	2.99	12.01	13.13	23.27	22.10	12.05	122.61
1994	Critical	12.24	9.64	3.89	2.11	4.32	1.45	1.15	13.98	1.00	22.01	29.92	7.91	109.62
1995	Wet	5.62	16.55	13.79	9.97	12.21	18.75	1.00	5.78	1.00	1.00	1.00	10.29	96.96
1996	Wet	7.43	11.58	15.55	5.56	11.76	19.61	1.00	1.00	1.00	1.00	1.64	11.10	88.23
1997	Wet	13.93	24.50	21.23	19.46	16.72	12.38	1.00	1.00	1.00	1.00	1.00	11.06	124.28
1998	Wet	9.00	14.13	19.72	8.27	14.58	19.18	1.00	1.00	1.00	1.00	1.00	9.74	99.62
1999	Wet	14.27	19.57	18.40	13.92	10.95	20.08	1.00	1.00	1.00	1.00	1.68	12.35	115.22
2000	Above Normal	5.94	19.99	18.34	6.32	16.77	18.80	1.00	1.00	1.00	1.00	1.16	11.64	102.96
2001	Dry	8.81	22.32	18.74	14.03	8.05	9.70	1.00	1.00	1.00	9.69	1.00	7.57	102.91
2002	Dry	13.09	12.60	19.45	10.85	7.51	7.48	1.00	1.00	1.00	1.81	7.51	9.38	92.68
2003	Above Normal	13.49	17.58	16.90	8.88	11.62	11.48	1.00	1.00	1.00	1.00	2.73	7.90	94.58
	Average	10.34	9.00	5.53	4.38	6.32	6.83	4.15	14.04	5.17	19.10	19.35	10.22	114.44
	Wet	10.87	10.53	6.69	5.25	8.52	9.21	5.56	19.65	7.88	18.72	17.23	10.31	130.42
	Above Normal	9.85	10.00	5.95	4.26	7.54	9.51	2.95	10.77	6.76	16.16	19.10	9.67	112.52
	Below Normal	10.82	8.59	3.71	2.84	4.27	7.11	3.69	12.31	4.74	23.30	20.15	13.40	114.93
	Dry	9.94	7.77	6.12	5.08	5.25	4.26	3.57	11.18	3.01	21.25	21.22	10.79	109.45
	Critical	9.73	7.04	3.85	3.36	4.35	2.51	3.74	11.44	1.43	14.76	20.47	6.02	88.69

Energy Use (GWh) At Pumping Plant at Alt. Misc.: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	11.17	11.82	1.56	1.00	1.00	11.02	1.86	14.31	11.93	19.46	19.66	10.44	115.23
1923	Below Normal	12.60	12.85	2.65	1.00	4.68	4.99	4.26	11.48	8.78	25.60	19.12	12.90	120.91
1924	Critical	16.53	8.14	2.87	4.75	1.11	1.00	3.18	10.22	1.00	6.29	6.06	6.65	67.80
1925	Dry	8.92	1.04	4.87	5.18	5.25	5.04	5.04	14.43	8.61	25.49	26.24	7.92	118.03
1926	Dry	9.56	8.66	3.83	4.42	1.00	1.00	6.16	13.07	8.33	22.99	13.75	11.24	104.01
1927	Wet	9.67	8.25	4.95	3.09	10.77	8.85	2.37	10.06	5.83	23.33	21.02	7.74	115.93
1928	Above Normal	6.01	10.08	4.06	3.25	1.00	11.95	2.59	11.53	5.76	19.42	22.10	11.02	108.77
1929	Critical	6.08	6.04	3.40	2.84	4.90	6.62	4.08	10.21	2.76	13.99	32.30	8.21	101.43
1930	Dry	9.36	5.04	5.29	5.36	7.89	5.65	7.05	17.15	4.18	18.99	15.88	5.93	107.77
1931	Critical	8.23	6.62	3.73	5.07	9.32	1.00	2.71	10.71	1.00	4.37	4.33	7.26	64.35
1932	Dry	8.66	3.50	5.86	7.05	14.16	1.00	3.42	11.93	1.00	2.91	16.69	19.25	95.43
1933	Critical	15.57	8.44	6.04	4.13	1.00	1.83	2.92	10.37	1.00	5.57	34.38	14.77	106.02
1934	Critical	11.18	3.72	4.16	1.00	1.00	1.00	3.16	10.73	1.00	5.44	3.33	5.52	51.24
1935	Below Normal	4.26	6.05	5.96	6.84	7.86	7.36	4.72	12.07	10.95	19.82	8.70	14.00	108.59
1936	Below Normal	16.38	8.16	5.79	2.10	4.35	1.92	4.26	11.58	7.65	24.09	13.70	18.26	118.24
1937	Below Normal	12.87	9.08	4.96	5.25	1.00	2.55	5.80	14.23	1.00	17.30	17.89	14.47	106.40
1938	Wet	9.57	9.83	6.58	1.00	1.00	2.39	10.73	35.84	12.27	18.66	16.43	9.75	134.05
1939	Dry	11.61	2.40	2.06	1.00	3.19	1.00	2.97	12.71	1.00	26.45	21.84	11.66	97.89
1940	Above Normal	10.19	6.55	1.23	2.21	7.39	12.65	4.41	12.76	5.40	19.20	22.23	9.49	113.71
1941	Wet	8.31	6.20	4.42	5.77	11.44	10.52	5.45	18.07	8.52	19.17	18.58	10.98	127.43
1942	Wet	12.32	12.03	3.42	4.01	7.61	9.59	4.20	16.60	8.63	18.84	16.42	10.38	124.05
1943	Wet	11.69	13.19	2.03	2.82	5.27	12.06	4.48	11.47	9.61	20.00	19.42	10.55	122.59
1944	Dry	11.34	9.79	2.05	1.00	2.83	4.35	4.27	12.30	5.53	24.84	17.91	6.95	103.16
1945	Below Normal	8.98	8.78	5.41	5.93	10.24	13.45	3.07	11.81	1.41	23.53	21.26	17.52	131.39
1946	Below Normal	13.04	8.87	4.31	5.14	9.31	6.67	1.17	11.98	1.00	22.98	20.69	16.04	121.20
1947	Dry	13.81	8.66	4.34	4.81	5.21	1.00	3.32	11.64	2.12	25.41	23.86	9.62	113.80
1948	Below Normal	9.24	8.00	3.27	1.00	1.00	5.73	4.20	11.43	8.53	20.46	26.03	13.10	111.99
1949	Dry	15.85	9.61	6.20	5.80	8.88	1.52	2.13	11.39	1.00	23.34	29.84	11.34	126.90
1950	Below Normal	11.08	7.23	2.99	1.00	1.10	8.98	4.10	12.50	11.68	25.40	19.81	13.64	119.51
1951	Above Normal	17.88	9.46	5.93	8.62	1.00	1.20	1.05	12.55	3.40	13.04	20.10	11.80	106.03
1952	Wet	9.79	10.65	3.41	4.66	8.64	8.24	4.51	26.61	13.14	17.71	16.94	9.80	134.10
1953	Wet	7.44	15.84	2.07	1.00	1.99	9.73	2.99	9.90	2.14	23.73	22.30	12.89	112.02
1954	Above Normal	5.71	10.12	4.79	1.00	3.01	8.46	3.48	9.82	5.56	11.07	22.46	11.89	97.37
1955	Dry	8.57	9.67	4.85	5.07	8.08	2.81	2.79	10.46	1.00	25.73	28.29	13.77	121.09
1956	Wet	7.69	8.33	4.69	6.83	15.34	1.16	1.07	12.97	10.73	20.13	19.65	11.39	119.98
1957	Above Normal	11.32	12.67	2.79	1.00	1.00	1.00	3.88	10.94	3.64	23.17	25.94	12.91	110.26
1958	Wet	14.49	10.89	5.13	3.61	12.04	9.19	10.12	22.96	12.80	17.33	17.30	9.99	145.85
1959	Below Normal	7.83	13.19	2.01	1.00	1.00	8.71	4.43	11.51	2.13	25.15	23.25	7.99	108.20
1960	Dry	11.92	6.09	4.00	4.06	2.89	4.82	3.51	16.98	2.84	22.79	20.66	12.93	113.49
1961	Dry	9.26	7.90	5.05	4.59	1.84	7.99	2.35	11.05	1.00	23.82	25.75	13.79	114.39
1962	Below Normal	7.64	6.84	1.61	4.22	4.81	9.84	3.77	11.03	1.10	24.57	22.25	10.95	108.63
1963	Wet	13.83	9.51	3.90	1.33	4.13	8.72	2.81	10.66	7.06	22.92	20.79	4.21	109.87
1964	Dry	8.28	9.25	6.52	4.09	4.34	3.63	1.29	11.22	1.00	25.05	32.66	11.92	119.25
1965	Wet	7.72	4.56	4.06	5.99	9.67	10.97	4.45	12.11	3.85	22.43	23.67	11.46	120.94
1966	Below Normal	11.56	11.09	2.92	2.41	5.04	5.23	1.00	10.64	1.00	25.53	21.55	11.11	109.08
1967	Wet	13.04	6.96	4.03	4.68	7.00	7.94	8.64	24.17	13.60	20.37	16.89	9.73	137.05
1968	Below Normal	9.13	11.52	2.00	1.00	1.00	9.45	3.86	11.40	1.84	24.55	22.81	7.81	106.37
1969	Wet	14.56	8.46	5.30	7.55	16.11	1.00	12.02	75.21	21.99	36.98	22.07	8.40	229.65
1970	Wet	10.29	1.00	2.29	5.33	1.00	1.61	1.57	10.80	1.00	18.65	20.75	11.97	86.26
1971	Wet	10.88	3.67	3.32	1.82	3.69	11.57	2.23	10.48	6.76	25.05	23.27	12.40	115.14
1972	Below Normal	11.91	4.49	5.08	4.48	1.14	1.67	2.48	11.72	2.60	25.99	23.22	10.87	105.65
1973	Above Normal	14.67	9.19	4.53	3.26	11.06	11.19	2.40	9.98	4.49	22.27	20.58	8.07	121.69
1974	Wet	11.12	8.96	4.60	5.70	7.48	9.61	2.23	10.67	5.41	19.82	22.31	10.40	118.31
1975	Wet	11.97	13.49	2.38	1.00	1.00	10.91	2.93	10.59	9.29	21.91	23.12	11.39	119.98
1976	Critical	13.33	10.86	3.60	3.01	8.34	7.47	6.15	10.89	1.00	16.81	3.56	3.14	88.16
1977	Critical	5.78	7.23	3.58	5.01	9.56	1.00	3.02	11.31	1.00	4.27	26.66	2.68	81.10
1978	Above Normal	5.89	1.69	3.29	4.86	13.47	13.16	5.81	17.13	12.39	20.48	18.88	11.04	128.09
1979	Below Normal	11.92	10.73	2.43	1.22	5.30	13.33	2.53	15.30	1.61	23.40	21.70	18.33	127.80
1980	Above Normal	13.26	4.91	4.52	6.45	16.78	1.00	2.21	12.73	11.25	34.66	35.38	5.86	149.01
1981	Dry	7.92	6.16	2.12	1.00	1.00	3.51	5.70	12.36	1.00	23.99	24.95	11.68	101.39
1982	Wet	12.58	8.64	4.20	5.73	11.34	7.52	17.96	29.51	11.85	17.67	16.93	10.72	154.65
1983	Wet	12.72	16.23	9.73	1.00	1.00	1.00	17.53	63.08	25.31	55.97	28.13	18.63	250.33
1984	Wet	1.02	1.00	1.00	1.00	1.00	1.25	1.00	10.35	1.00	21.71	20.75	12.37	73.45
1985	Dry	7.49	8.68	4.12	2.53	5.03	5.43	4.20	11.60	1.00	23.32	29.89	11.42	114.71
1986	Wet	12.61	9.79	4.77	1.00	10.56	10.89	7.13	18.81	11.89	21.75	34.16	1.00	144.36
1987	Dry	4.68	1.21	3.33	1.00	2.84	6.21	3.63	11.35	3.83	32.82	12.05	6.88	89.83
1988	Critical	12.41	7.17	3.43	2.58	1.00	1.00	5.72	11.37	1.12	19.41	31.58	4.07	100.86
1989	Dry	6.63	5.65	4.78	7.58	2.25	1.89	4.84	12.41	7.08	26.85	18.56	12.66	111.18
1990	Critical	7.68	5.66	4.18	3.76	2.37	1.19	4.24	12.94	1.00	19.04	26.88	3.43	92.37
1991	Critical	8.98	5.54	4.01	1.00	4.76	1.00	4.72	12.40	2.01	15.45	20.96	3.78	84.61
1992	Critical	3.52	5.97	1.16	1.35	2.13	5.37	3.60	12.22	3.36	44.00	26.40	3.11	112.19
1993	Above Normal	3.87	5.01	3.13	3.98	10.82	9.87	2.90	12.07	13.14	23.41	22.17	12.07	122.44
1994	Critical	12.23	9.60	3.78	1.93	4.15	1.44	1.15	13.99	1.00	22.00	29.94	7.92	109.13
1995	Wet	5.63	16.55	13.79	9.95	11.13	16.57	1.00	1.00	1.00	1.00	1.00	10.46	89.08
1996	Wet	7.72	18.99	14.71	6.00	11.71	16.99	1.00	1.00	1.00	1.00	2.96	11.26	94.34
1997	Wet	13.27	24.42	20.78	19.86	17.20	12.36	1.00	1.00	1.00	1.00	2.87	11.17	125.93
1998	Wet	12.15	10.77	19.75	8.25	12.92	18.86	1.00	1.00	1.00	1.00	1.00	10.01	97.71
1999	Wet	14.51	19.74	18.64	14.36	12.39	20.03	1.00	1.00	1.00	1.00	1.31	12.22	117.20
2000	Above Normal	6.29	19.73	18.31	6.14	16.49	18.63	1.00	1.00	1.00	1.00	1.00	11.63	102.22
2001	Dry	8.78	22.27	19.28	13.92	7.88	9.66	1.00	1.00	1.00	9.46	1.00	7.58	102.83
2002	Dry	13.07	12.58	19.43	10.81	7.46	7.47	1.00	1.00	1.00	1.81	7.51	9.25	92.39
2003	Above Normal	13.49	17.59	16.91	8.88	11.62	11.39	1.00	1.00	1.00	1.00	2.55	7.92	94.35
	Average	10.27	9.11	5.47	4.30	6.19	6.77	3.94	13.32	5.09	19.37	19.25	10.35	113.42
	Wet	10.64	10.69	6.69	5.13	8.21	9.21	5.05	17.54	7.99	18.81	17.31	10.43	127.70
	Above Normal	9.98	9.90	5.92	4.22	7.89	9.29	2.72	10.49	6.58	17.35	19.42	10.35	114.10
	Below Normal	10.60	9.06	3.67	3.04	4.13	7.13	3.55	12.05	4.38	23.46	20.14	13.36	114.57
	Dry	9.76	7.68	6.00	4.96	5.11	4.11	3.59	11.34	2.92	21.45	20.41	10.88	108.20
	Critical	10.13	7.08	3.66	3.04	4.14	2.49	3.72	11.45	1.44	14.72	20.53	5.88	88.27

Difference in Energy Use (GWh) At Pumping Plant at Alt. Misc.: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.32)	(0.03)	0.18	(0.22)	0.44	1.04	(0.30)	0.07
1923	Below Normal	0.64	1.51	(0.26)	(0.25)	(0.84)	(0.18)	0.16	0.57	(1.65)	0.47	(0.40)	(0.29)	(0.04)
1924	Critical	(1.05)	(0.76)	(1.29)	0.94	(0.19)	0.00	(0.02)	0.25	0.00	0.45	1.82	(0.05)	0.01
1925	Dry	(0.30)	(0.03)	(1.19)	(1.18)	(0.70)	(0.09)	0.44	0.57	(1.00)	0.68	0.81	(0.08)	(0.17)
1926	Dry	(0.41)	0.03	0.08	0.18	0.00	0.00	0.03	0.86	(0.30)	2.82	(4.71)	(0.04)	(0.12)
1927	Wet	(0.47)	(1.43)	(0.48)	(0.63)	(1.24)	(0.54)	0.12	0.50	0.03	0.59	1.10	(0.11)	(0.21)
1928	Above Normal	0.09	(0.86)	(0.32)	(0.36)	0.00	(0.69)	0.05	0.36	(0.15)	0.15	0.25	(0.24)	(0.14)
1929	Critical	(0.23)	(0.32)	(0.83)	(0.32)	(0.33)	(0.05)	0.06	0.12	0.05	0.05	(0.71)	0.03	(0.21)
1930	Dry	(0.03)	(0.19)	(0.05)	(0.11)	(0.18)	(0.09)	0.09	0.18	0.09	0.21	0.14	0.06	0.01
1931	Critical	(0.01)	(0.07)	(0.07)	(0.12)	(0.20)	0.00	0.06	0.12	0.00	0.09	0.09	0.00	(0.01)
1932	Dry	0.00	(0.14)	(0.28)	(0.13)	(0.21)	0.00	(0.06)	0.17	0.00	(0.23)	(4.92)	2.39	(0.28)
1933	Critical	5.75	2.25	(0.19)	(3.96)	(1.38)	(0.14)	(0.26)	(0.31)	0.00	(0.58)	(0.64)	(1.25)	(0.06)
1934	Critical	0.45	(0.60)	0.37	0.00	0.00	0.00	(0.08)	(0.10)	0.00	(0.10)	(0.03)	(0.38)	(0.04)
1935	Below Normal	(2.42)	0.02	0.05	0.07	0.09	(0.17)	(0.11)	0.05	(0.26)	0.16	(0.19)	(0.09)	(0.23)
1936	Below Normal	(0.07)	(0.03)	(0.12)	(0.17)	1.94	0.01	(0.27)	0.07	(0.31)	0.23	(0.20)	(0.04)	0.09
1937	Below Normal	(0.10)	(0.11)	(0.19)	3.66	0.00	0.86	(1.35)	(4.93)	(1.66)	(0.11)	(0.19)	(0.09)	(0.35)
1938	Wet	(0.06)	(0.19)	1.21	0.00	0.00	1.39	(1.86)	(39.30)	0.17	(2.55)	(1.42)	0.09	(3.54)
1939	Dry	(0.35)	1.40	(0.29)	0.00	(0.12)	0.00	0.22	0.84	0.00	0.75	(1.92)	(0.25)	0.02
1940	Above Normal	1.76	0.14	0.12	0.25	0.32	(0.38)	(0.23)	0.10	(0.64)	(0.25)	1.53	1.96	0.39
1941	Wet	(0.10)	(0.46)	(0.17)	(0.28)	(0.44)	(0.33)	(0.05)	(1.09)	(0.07)	0.28	0.19	0.10	(0.20)
1942	Wet	0.07	0.14	(0.06)	0.13	(0.49)	(0.21)	(0.08)	0.10	(0.04)	0.16	(1.81)	0.01	(0.17)
1943	Wet	0.00	(0.05)	(0.10)	0.01	(0.94)	(0.70)	(0.60)	0.09	2.34	0.36	0.30	(0.01)	0.06
1944	Dry	(0.04)	1.09	(0.43)	0.00	(0.17)	(0.08)	(0.05)	0.03	(0.17)	(0.57)	(0.75)	(0.01)	(0.10)
1945	Below Normal	0.02	0.04	(0.03)	(0.06)	(3.31)	0.62	(0.03)	0.07	(0.06)	0.39	0.23	(0.11)	(0.19)
1946	Below Normal	(1.29)	0.03	(0.02)	(0.43)	(0.02)	(0.04)	(0.03)	0.04	0.00	0.27	0.17	0.30	(0.09)
1947	Dry	(0.28)	0.02	(0.03)	(0.06)	(0.10)	0.00	(0.09)	0.04	(0.27)	0.00	(0.19)	(0.14)	(0.09)
1948	Below Normal	0.00	(0.05)	(0.10)	0.00	0.00	0.00	0.00	(0.01)	0.02	0.08	0.04	0.01	0.00
1949	Dry	(0.02)	0.01	0.01	0.02	0.03	(0.01)	(0.01)	0.00	0.00	(0.01)	0.03	0.00	0.00
1950	Below Normal	(0.01)	(0.01)	(0.02)	0.00	(0.01)	(0.10)	(0.06)	0.04	(0.13)	0.03	0.03	0.00	(0.02)
1951	Above Normal	(0.01)	(0.02)	0.01	0.00	0.00	(0.18)	(0.11)	0.07	(0.35)	(0.34)	0.04	0.00	(0.07)
1952	Wet	(0.02)	(0.03)	(0.12)	(0.21)	(0.11)	(1.94)	(1.54)	(5.19)	0.11	0.36	0.34	0.08	(0.69)
1953	Wet	0.19	4.27	0.01	0.00	(0.06)	0.17	(0.03)	(0.01)	(0.14)	0.28	0.17	0.26	0.43
1954	Above Normal	0.02	(0.05)	0.04	0.00	0.06	(0.10)	(0.08)	0.02	(0.20)	(0.19)	0.00	(0.02)	(0.04)
1955	Dry	(0.02)	0.01	(0.08)	(0.15)	(0.16)	(0.02)	(0.01)	0.02	0.00	0.03	(0.07)	(0.22)	(0.06)
1956	Wet	0.00	0.02	(0.37)	(0.59)	0.38	0.16	(0.11)	0.07	(0.04)	0.09	0.05	0.00	(0.03)
1957	Above Normal	(0.02)	(0.03)	(0.12)	0.00	0.00	0.00	(0.11)	0.06	(0.33)	0.08	0.03	0.00	(0.04)
1958	Wet	(0.01)	(0.02)	(0.11)	(0.20)	(0.20)	0.09	(1.82)	(3.34)	0.54	0.62	0.49	0.28	(0.31)
1959	Below Normal	0.20	0.43	0.16	0.00	0.00	0.54	(0.11)	0.08	(0.22)	0.08	0.08	(0.08)	0.10
1960	Dry	(0.01)	0.01	(0.07)	(0.12)	(0.11)	0.01	0.00	(0.01)	0.00	(0.01)	(2.12)	0.01	(0.20)
1961	Dry	0.00	0.01	0.01	0.00	0.00	0.01	0.00	(0.01)	0.00	0.00	(0.40)	(0.01)	(0.03)
1962	Below Normal	0.00	0.01	0.01	0.00	0.01	(0.18)	(0.10)	0.06	(0.34)	0.08	0.04	0.00	(0.03)
1963	Wet	(0.02)	(0.03)	(0.12)	(0.20)	(0.58)	(0.14)	(0.09)	0.06	(0.29)	0.14	0.08	(0.09)	(0.11)
1964	Dry	0.08	(0.01)	(0.11)	(0.15)	(0.15)	(0.02)	(0.01)	0.00	0.00	(0.02)	0.02	(0.01)	(0.03)
1965	Wet	(0.01)	0.00	(0.01)	(0.44)	(1.24)	(0.13)	(0.04)	0.08	0.11	0.55	(1.13)	0.22	(0.17)
1966	Below Normal	0.14	(0.37)	0.08	0.10	0.18	(0.20)	0.00	0.00	0.00	0.13	0.07	(0.17)	0.00
1967	Wet	(0.07)	0.01	(0.05)	(0.07)	(0.42)	(0.39)	(1.65)	(4.18)	0.08	(0.20)	0.33	0.19	(0.54)
1968	Below Normal	(0.33)	4.17	(0.03)	0.00	0.00	(0.03)	(0.07)	0.11	(0.28)	0.12	0.09	(0.02)	0.31
1969	Wet	(0.44)	0.02	(0.16)	(1.05)	2.02	0.00	(4.73)	9.96	0.34	0.45	0.39	1.35	0.68
1970	Wet	(0.15)	0.00	0.04	0.13	(0.53)	0.03	(0.11)	0.06	0.00	0.13	0.04	(0.02)	(0.03)
1971	Wet	0.01	(0.07)	(0.12)	(0.21)	(0.22)	(0.14)	(0.08)	0.05	(0.25)	0.06	0.04	0.00	(0.08)
1972	Below Normal	0.00	(0.02)	(0.08)	(0.15)	(0.16)	(0.01)	0.00	0.00	(0.01)	0.00	(0.01)	0.00	(0.04)
1973	Above Normal	(0.01)	0.00	0.00	0.00	0.00	(0.18)	(0.11)	0.06	(0.31)	0.15	0.11	4.44	0.35
1974	Wet	(2.73)	(0.09)	(0.17)	(0.85)	(0.51)	4.35	(0.05)	0.07	0.34	0.47	0.53	0.12	0.12
1975	Wet	0.09	(0.31)	0.03	0.00	0.00	(0.20)	(0.14)	0.06	(0.12)	0.02	0.02	(0.03)	(0.05)
1976	Critical	(0.02)	0.05	(0.15)	(0.27)	(0.29)	0.00	0.01	0.00	0.00	0.58	(0.30)	0.00	(0.03)
1977	Critical	(0.15)	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.13)	(0.03)	(0.03)
1978	Above Normal	(0.21)	(0.03)	0.01	0.00	(1.00)	(0.25)	(2.10)	(4.42)	0.27	0.21	0.83	0.17	(0.54)
1979	Below Normal	0.19	1.01	0.02	0.11	0.20	(0.83)	(0.07)	0.16	(0.23)	0.24	0.17	0.01	0.08
1980	Above Normal	(0.44)	(0.02)	(0.09)	(0.14)	5.18	0.00	0.05	0.05	(0.27)	13.89	0.34	2.01	1.71
1981	Dry	(1.85)	(4.02)	0.00	0.00	0.00	(2.24)	(0.01)	(0.01)	0.00	0.33	(0.26)	(0.08)	(0.68)
1982	Wet	0.06	0.02	0.00	0.01	(1.48)	2.34	0.00	(5.40)	0.19	0.26	0.26	0.08	(0.30)
1983	Wet	(5.41)	(1.67)	1.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.08	(0.42)
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)	0.06	0.00	0.09	0.04	0.00	0.01
1985	Dry	(0.02)	(0.02)	(0.12)	(0.21)	(0.22)	(0.13)	(0.08)	0.05	0.00	0.06	0.03	0.00	(0.06)
1986	Wet	(0.01)	(0.02)	(0.09)	0.00	(1.25)	1.57	(0.16)	(2.75)	(0.55)	0.14	(0.89)	0.00	(0.33)
1987	Dry	0.01	0.21	(0.14)	(0.22)	(0.24)	0.02	0.03	0.04	0.04	(0.22)	(0.23)	0.00	(0.06)
1988	Critical	0.01	0.01	0.01	0.02	0.00	0.00	0.01	(0.01)	0.04	(0.36)	0.04	0.03	(0.02)
1989	Dry	0.02	0.01	0.02	0.04	0.03	0.00	(0.01)	(0.01)	0.01	0.00	(0.14)	0.00	0.00
1990	Critical	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	(0.49)	0.45	(0.01)	0.00
1992	Critical	0.00	0.01	0.01	(0.02)	0.00	(0.01)	0.00	0.01	0.01	(0.06)	0.15	(0.01)	0.01
1993	Above Normal	0.00	0.00	0.01	0.00	(0.13)	(0.26)	(0.09)	0.06	0.01	0.14	0.07	0.02	(0.01)
1994	Critical	(0.01)	(0.04)	(0.11)	(0.18)	(0.17)	(0.01)	0.00	0.01	0.00	(0.01)	0.02	0.01	(0.04)
1995	Wet	0.01	0.00	0.00	(0.02)	(1.08)	(2.18)	0.00	(4.78)	0.00	0.00	0.00	0.17	(0.66)
1996	Wet	0.29	7.41	(0.84)	0.44	(0.05)	(2.62)	0.00	0.00	0.00	0.00	1.32	0.16	0.51
1997	Wet	(0.66)	(0.08)	(0.45)	0.40	0.48	(0.02)	0.00	0.00	0.00	0.00	1.87	0.11	0.14
1998	Wet	3.15	(3.36)	0.03	(0.02)	(1.66)	(0.32)	0.00	0.00	0.00	0.00	0.00	0.27	(0.16)
1999	Wet	0.24	0.17	0.24	0.44	1.44	(0.05)	0.00	0.00	0.00	0.00	(0.37)	(0.13)	0.17
2000	Above Normal	0.35	(0.26)	(0.03)	(0.18)	(0.28)	(0.17)	0.00	0.00	0.00	0.00	(0.16)	(0.01)	(0.06)
2001	Dry	(0.03)	(0.05)	0.54	(0.11)	(0.17)	(0.04)	0.00	0.00	0.00	(0.23)	0.00	0.01	(0.01)
2002	Dry	(0.02)	(0.02)	(0.02)	(0.04)	(0.05)	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.13)	(0.02)
2003	Above Normal	0.00	0.01	0.01	0.00	0.00	(0.09)	0.00	0.00	0.00	0.00	(0.18)	0.02	(0.02)
	Average	(0.07)	0.10	(0.07)	(0.08)	(0.13)	(0.06)	(0.22)	(0.72)	(0.07)	0.27	(0.10)	0.13	(0.09)
	Wet	(0.23)	0.16	(0.00)	(0.12)	(0.31)	0.01	(0.50)	(2.11)	0.11	0.09	0.08	0.12	(0.23)
	Above Normal	0.13	(0.09)	(0.03)	(0.04)	0.35	(0.22)	(0.23)	(0.29)	(0.18)	1.19	0.33	0.67	0.13
	Below Normal	(0.22)	0.47	(0.04)	0.21	(0.14)	0.02	(0.15)	(0.26)	(0.37)	0.16	(0.01)	(0.04)	(0.03)
	Dry	(0.18)	(0.09)	(0.12)	(0.12)	(0.14)	(0.15)	0.03	0.15	(0.09)	0.20	(0.82)	0.08	(0.10)
	Critical	0.40	0.04	(0.19)	(0.33)	(0.21)	(0.02)	(0.02)	0.01	0.01	(0.04)	0.07	(0.14)	(0.04)

Percent Difference in Energy Use (GWh) At Pumping Plant at Alt. Misc.: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	-3%	-2%	1%	-2%	2%	6%	-3%
1923	Below Normal	5%	13%	-9%	-20%	-15%	-3%	4%	5%	-16%	2%	-2%	-2%
1924	Critical	-6%	-9%	-31%	25%	-15%	0%	-1%	3%	0%	8%	43%	-1%
1925	Dry	-3%	-3%	-20%	-19%	-12%	-2%	10%	4%	-10%	3%	3%	-1%
1926	Dry	-4%	0%	2%	4%	0%	0%	0%	7%	-3%	14%	-26%	0%
1927	Wet	-5%	-15%	-9%	-17%	-10%	-6%	5%	5%	1%	3%	6%	-1%
1928	Above Normal	2%	-8%	-7%	-10%	0%	-5%	2%	3%	-3%	1%	1%	-2%
1929	Critical	-4%	-5%	-20%	-10%	-6%	-1%	1%	1%	2%	0%	-2%	0%
1930	Dry	0%	-4%	-1%	-2%	-2%	-2%	1%	1%	2%	1%	1%	1%
1931	Critical	0%	-1%	-2%	-2%	-2%	0%	2%	1%	0%	2%	2%	0%
1932	Dry	0%	-4%	-5%	-2%	-1%	0%	-2%	1%	0%	-7%	-23%	14%
1933	Critical	59%	36%	-3%	-49%	-58%	-7%	-8%	-3%	0%	-9%	-2%	-8%
1934	Critical	4%	-14%	10%	0%	0%	0%	-2%	-1%	0%	-2%	-1%	-6%
1935	Below Normal	-36%	0%	1%	1%	1%	-2%	-2%	0%	-2%	1%	-2%	-1%
1936	Below Normal	0%	0%	-2%	-7%	80%	1%	-6%	1%	-4%	1%	-1%	0%
1937	Below Normal	-1%	-1%	-4%	230%	0%	51%	-19%	-26%	-62%	-1%	-1%	-1%
1938	Wet	-1%	-2%	23%	0%	0%	139%	-15%	-52%	1%	-12%	-8%	1%
1939	Dry	-3%	140%	-12%	0%	-4%	0%	8%	7%	0%	3%	-8%	-2%
1940	Above Normal	21%	2%	11%	13%	5%	-3%	-5%	1%	-11%	-1%	7%	26%
1941	Wet	-1%	-7%	-4%	-5%	-4%	-3%	-1%	-6%	-1%	1%	1%	1%
1942	Wet	1%	1%	-2%	3%	-6%	-2%	-2%	1%	0%	1%	-10%	0%
1943	Wet	0%	0%	-5%	0%	-15%	-5%	-12%	1%	32%	2%	2%	0%
1944	Dry	0%	13%	-17%	0%	-6%	-2%	-1%	0%	-3%	-2%	-4%	0%
1945	Below Normal	0%	0%	-1%	-1%	-24%	5%	-1%	1%	-4%	2%	1%	-1%
1946	Below Normal	-9%	0%	0%	-8%	0%	-1%	-3%	0%	0%	1%	1%	2%
1947	Dry	-2%	0%	-1%	-1%	-2%	0%	-3%	0%	-11%	0%	-1%	-1%
1948	Below Normal	0%	-1%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	-1%	0%	-1%	-1%	-1%	0%	-1%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	-13%	-9%	1%	-9%	-3%	0%	0%
1952	Wet	0%	0%	-3%	-4%	-1%	-19%	-25%	-16%	1%	2%	2%	1%
1953	Wet	3%	37%	0%	0%	-3%	2%	-1%	0%	-6%	1%	1%	2%
1954	Above Normal	0%	0%	1%	0%	2%	-1%	-2%	0%	-3%	-2%	0%	0%
1955	Dry	0%	0%	-2%	-3%	-2%	-1%	0%	0%	0%	0%	0%	-2%
1956	Wet	0%	0%	-7%	-8%	3%	16%	-9%	1%	0%	0%	0%	0%
1957	Above Normal	0%	0%	-4%	0%	0%	0%	-3%	1%	-8%	0%	0%	0%
1958	Wet	0%	0%	-2%	-5%	-2%	1%	-15%	-13%	4%	4%	3%	3%
1959	Below Normal	3%	3%	9%	0%	0%	7%	-2%	1%	-9%	0%	0%	-1%
1960	Dry	0%	0%	-2%	-3%	-4%	0%	0%	0%	0%	0%	-9%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1962	Below Normal	0%	0%	1%	0%	0%	-2%	-3%	1%	-24%	0%	0%	0%
1963	Wet	0%	0%	-3%	-13%	-12%	-2%	-3%	1%	-4%	1%	0%	-2%
1964	Dry	1%	0%	-2%	-4%	-3%	-1%	-1%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	-7%	-11%	-1%	-1%	1%	3%	3%	-5%	2%
1966	Below Normal	1%	-3%	3%	4%	4%	-4%	0%	0%	0%	1%	0%	-2%
1967	Wet	-1%	0%	-1%	-1%	-6%	-5%	-16%	-15%	1%	-1%	2%	2%
1968	Below Normal	-3%	57%	-1%	0%	0%	0%	-2%	1%	-13%	0%	0%	0%
1969	Wet	-3%	0%	-3%	-12%	14%	0%	-28%	15%	2%	1%	2%	19%
1970	Wet	-1%	0%	2%	3%	-35%	2%	-7%	1%	0%	1%	0%	0%
1971	Wet	0%	-2%	-3%	-10%	-6%	-1%	-3%	0%	-4%	0%	0%	0%
1972	Below Normal	0%	0%	-2%	-3%	-12%	-1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	-2%	-4%	1%	-6%	1%	1%	122%
1974	Wet	-20%	-1%	-4%	-13%	-6%	83%	-2%	1%	7%	2%	2%	1%
1975	Wet	1%	-2%	1%	0%	0%	-2%	-5%	1%	-1%	0%	0%	0%
1976	Critical	0%	0%	-4%	-8%	-3%	0%	0%	0%	0%	4%	-8%	0%
1977	Critical	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1978	Above Normal	-3%	-2%	0%	0%	-7%	-2%	-27%	-21%	2%	1%	5%	2%
1979	Below Normal	2%	10%	1%	10%	4%	-6%	-3%	1%	-13%	1%	1%	0%
1980	Above Normal	-3%	0%	-2%	-2%	45%	0%	2%	0%	-2%	67%	1%	52%
1981	Dry	-19%	-39%	0%	0%	0%	-39%	0%	0%	0%	1%	-1%	-1%
1982	Wet	0%	0%	0%	0%	-12%	45%	0%	-15%	2%	1%	2%	1%
1983	Wet	-30%	-9%	23%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	-9%	1%	0%	0%	0%	0%
1985	Dry	0%	0%	-3%	-8%	-4%	-2%	-2%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	-2%	0%	-11%	17%	-2%	-13%	-4%	1%	-3%	0%
1987	Dry	0%	21%	-4%	-18%	-8%	0%	1%	0%	1%	-1%	-2%	0%
1988	Critical	0%	0%	0%	1%	0%	0%	0%	0%	4%	-2%	0%	1%
1989	Dry	0%	0%	0%	1%	1%	0%	0%	0%	0%	0%	-1%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	2%	0%
1992	Critical	0%	0%	1%	-1%	0%	0%	0%	0%	0%	0%	1%	0%
1993	Above Normal	0%	0%	0%	0%	-1%	-3%	-3%	0%	0%	1%	0%	0%
1994	Critical	0%	0%	-3%	-9%	-4%	-1%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	-9%	-12%	0%	-83%	0%	0%	0%	2%
1996	Wet	4%	64%	-5%	8%	0%	-13%	0%	0%	0%	0%	80%	1%
1997	Wet	-5%	0%	-2%	2%	3%	0%	0%	0%	0%	0%	187%	1%
1998	Wet	35%	-24%	0%	0%	-11%	-2%	0%	0%	0%	0%	0%	3%
1999	Wet	2%	1%	1%	3%	13%	0%	0%	0%	0%	0%	-22%	-1%
2000	Above Normal	6%	-1%	0%	-3%	-2%	-1%	0%	0%	0%	0%	-14%	0%
2001	Dry	0%	0%	3%	-1%	-2%	0%	0%	0%	0%	-2%	0%	0%
2002	Dry	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	-1%
2003	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	-7%	0%
	Average	0%	3%	-2%	0%	-2%	2%	-3%	-2%	-2%	1%	3%	3%
	Wet	-1%	2%	0%	-3%	-5%	9%	-6%	-7%	1%	0%	9%	1%
	Above Normal	2%	-1%	0%	0%	3%	-3%	-4%	-1%	-4%	6%	0%	16%
	Below Normal	-3%	6%	-1%	15%	3%	3%	-3%	-1%	-11%	1%	0%	0%
	Dry	-2%	7%	-3%	-3%	-3%	-3%	1%	1%	-1%	1%	-4%	0%
	Critical	4%	1%	-4%	-5%	-7%	-1%	-1%	0%	1%	0%	3%	-1%

Energy Use (GWh) At Pumping Plant at Contra Costa: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	1.95	0.69	0.34	0.99	0.27	0.00	3.14	3.21	2.14	2.80	2.76	2.34	20.63
1923	Below Normal	2.01	1.39	0.53	0.99	0.36	0.00	1.33	1.73	2.17	4.57	2.78	0.39	18.25
1924	Critical	0.33	0.25	1.35	1.16	0.92	0.00	0.67	0.81	2.48	2.68	2.62	2.32	15.59
1925	Dry	2.00	1.62	1.54	1.49	1.47	1.11	1.59	2.02	2.28	4.70	1.75	1.92	23.49
1926	Dry	2.02	1.59	1.45	1.40	1.21	1.11	1.59	2.02	2.28	3.82	1.92	2.30	22.71
1927	Wet	2.02	1.59	1.45	3.43	1.21	0.84	3.08	1.51	1.92	4.44	4.57	4.10	30.16
1928	Above Normal	2.42	1.31	0.91	0.83	0.84	0.00	1.18	1.51	2.14	3.88	2.76	2.34	20.12
1929	Critical	2.03	1.39	1.28	0.99	0.82	0.00	1.77	1.40	2.50	4.71	0.96	0.27	18.12
1930	Dry	0.16	0.10	0.24	1.49	2.39	0.00	1.59	2.02	2.28	4.70	1.00	2.30	18.27
1931	Critical	2.02	1.59	1.45	1.40	1.21	1.46	1.77	2.25	2.50	2.68	2.62	2.32	23.27
1932	Dry	2.00	1.62	1.54	1.49	1.47	1.11	1.59	2.02	2.28	4.70	4.64	0.22	24.68
1933	Critical	1.09	1.59	1.45	1.39	1.21	1.46	1.77	2.25	2.50	4.71	2.43	0.86	22.71
1934	Critical	2.00	1.62	1.54	1.49	2.39	0.61	1.77	2.25	2.50	4.71	1.03	2.32	24.23
1935	Below Normal	2.00	1.62	1.54	1.49	2.39	0.94	1.33	1.73	2.17	4.57	4.62	2.19	26.59
1936	Below Normal	1.97	1.51	1.35	1.17	0.80	0.94	3.29	1.73	2.17	4.57	3.71	0.30	23.51
1937	Below Normal	0.18	0.97	1.32	1.13	0.92	0.58	3.29	3.75	2.17	4.56	2.76	0.73	22.36
1938	Wet	0.27	0.22	3.37	1.17	0.92	0.00	3.08	2.77	1.92	2.76	2.71	2.25	21.44
1939	Dry	1.93	1.34	0.94	0.37	0.74	0.00	3.09	2.02	2.28	1.66	0.60	0.24	15.21
1940	Above Normal	0.21	0.18	1.09	1.32	1.11	0.85	3.14	3.54	2.14	4.49	4.62	4.18	26.87
1941	Wet	2.45	1.44	1.04	0.75	0.59	0.00	1.78	1.64	1.92	2.75	2.71	2.14	19.21
1942	Wet	2.05	1.31	0.79	0.48	0.76	0.00	2.02	1.63	1.92	2.76	2.71	2.25	18.68
1943	Wet	1.94	1.30	0.91	0.59	0.84	0.00	2.04	1.51	1.92	2.89	2.71	2.26	18.91
1944	Dry	1.94	1.34	0.92	0.31	0.84	0.00	3.27	2.02	2.28	3.14	1.06	0.29	17.41
1945	Below Normal	0.22	0.27	0.36	0.37	1.21	0.94	3.29	1.73	2.17	4.57	2.85	2.20	20.18
1946	Below Normal	1.97	1.51	1.35	1.17	1.84	0.09	3.29	3.75	2.17	4.55	2.76	0.35	24.80
1947	Dry	0.18	0.14	1.07	1.17	0.92	0.00	1.59	2.02	2.28	4.70	0.43	0.15	14.65
1948	Below Normal	1.85	1.59	1.45	1.40	1.21	0.94	1.33	1.73	2.17	4.57	4.62	2.20	25.06
1949	Dry	1.97	1.51	1.35	1.17	0.92	0.00	1.59	1.42	2.28	4.70	0.73	1.04	18.68
1950	Below Normal	2.02	1.59	1.45	1.40	1.21	0.94	3.29	1.73	2.17	4.57	2.83	2.20	25.40
1951	Above Normal	1.97	1.51	1.35	1.17	1.84	0.63	3.14	3.54	2.14	4.46	2.76	2.34	26.85
1952	Wet	2.01	1.40	1.23	0.84	0.82	0.00	2.05	1.65	1.92	2.75	2.71	2.26	19.64
1953	Wet	1.95	1.26	0.90	0.82	0.84	0.00	2.11	1.64	1.92	2.75	2.71	2.14	19.04
1954	Above Normal	2.06	1.31	0.95	0.82	0.84	0.00	2.14	1.51	2.14	2.93	2.76	2.34	19.80
1955	Dry	2.03	1.41	1.27	0.94	0.82	0.00	1.59	1.29	2.28	4.70	0.38	0.15	16.86
1956	Wet	0.09	0.06	0.13	1.24	1.21	0.84	3.08	1.51	1.92	4.44	4.57	4.10	23.19
1957	Above Normal	3.90	1.02	1.74	0.29	0.84	0.00	2.66	1.51	2.14	2.90	2.76	2.33	22.09
1958	Wet	1.95	0.63	0.91	0.99	0.82	0.00	2.20	1.64	1.92	2.75	2.71	2.25	18.77
1959	Below Normal	1.95	1.35	0.94	0.49	0.84	0.00	2.66	1.73	2.17	3.03	2.76	0.75	18.67
1960	Dry	0.36	0.20	0.44	1.14	0.92	0.00	1.59	1.48	2.28	2.22	0.92	2.30	13.85
1961	Dry	2.02	1.59	1.45	1.40	1.21	1.11	1.59	2.02	2.28	2.68	2.61	2.30	22.26
1962	Below Normal	2.02	1.59	1.45	1.40	1.21	0.94	3.29	1.73	2.17	4.57	3.42	2.20	25.99
1963	Wet	1.97	3.47	3.37	3.11	0.37	0.00	1.12	1.51	1.92	4.20	2.71	2.25	26.00
1964	Dry	1.93	1.29	0.95	0.80	0.88	0.00	1.59	2.02	2.28	2.68	0.67	0.28	15.37
1965	Wet	0.17	0.24	3.48	1.40	2.12	0.84	1.12	1.51	1.92	4.44	4.57	4.10	25.91
1966	Below Normal	2.64	1.28	0.88	0.82	0.84	0.00	1.33	1.73	2.17	4.11	2.76	0.43	18.99
1967	Wet	0.22	0.26	3.37	0.72	0.92	0.00	3.08	3.34	1.92	2.74	2.71	2.26	21.54
1968	Below Normal	1.95	1.31	0.94	0.74	0.84	0.00	2.43	1.73	2.17	3.02	2.39	0.41	17.93
1969	Wet	0.23	0.22	1.21	0.90	0.63	0.78	3.08	3.54	1.92	4.42	2.71	2.25	21.89
1970	Wet	1.93	1.31	0.90	0.63	0.84	0.00	2.10	1.51	1.92	2.89	2.71	2.25	18.99
1971	Wet	1.94	1.24	0.81	0.84	0.84	0.00	2.11	1.51	1.92	2.87	2.71	2.14	18.93
1972	Below Normal	2.06	1.12	1.10	0.83	0.87	0.00	1.33	1.73	2.17	4.10	2.76	0.40	18.47
1973	Above Normal	0.22	0.17	3.37	0.51	0.38	0.00	3.14	1.51	2.14	4.49	3.74	2.33	22.00
1974	Wet	1.99	1.33	1.23	0.96	0.82	0.00	2.06	1.51	1.92	2.88	2.71	2.26	19.67
1975	Wet	1.93	1.34	0.91	0.39	0.84	0.00	2.40	1.65	1.92	2.75	2.70	2.26	19.09
1976	Critical	1.87	1.38	0.95	0.77	0.84	0.00	1.77	2.04	0.89	0.22	0.15	1.60	12.48
1977	Critical	2.00	1.62	1.54	1.49	1.47	1.46	1.77	2.25	2.50	2.68	2.62	2.32	23.72
1978	Above Normal	2.00	1.62	1.54	1.49	1.47	0.85	1.18	3.54	2.14	4.49	4.62	4.18	29.12
1979	Below Normal	3.98	1.96	1.31	0.86	0.75	0.00	2.39	1.86	2.17	2.89	2.76	0.28	21.21
1980	Above Normal	0.14	0.21	3.37	0.89	0.71	0.00	3.14	1.51	2.14	4.49	3.21	2.34	22.15
1981	Dry	2.03	1.45	1.30	0.28	0.82	0.00	3.45	2.02	2.28	3.15	0.36	0.11	17.25
1982	Wet	0.08	0.14	3.48	0.55	1.21	0.84	3.08	3.54	1.92	4.44	3.45	2.22	24.95
1983	Wet	1.87	1.28	0.78	0.46	0.51	0.00	1.44	1.64	1.92	2.76	2.71	2.24	17.61
1984	Wet	1.94	1.25	0.85	0.85	0.84	0.00	2.11	1.65	1.92	2.76	2.71	2.26	19.14
1985	Dry	1.92	1.25	0.93	0.84	0.84	0.00	2.63	2.02	2.28	3.34	0.94	0.30	17.29
1986	Wet	0.24	0.20	0.15	0.55	1.21	0.84	3.08	3.54	1.92	4.44	4.57	3.84	24.58
1987	Dry	1.95	1.35	0.94	0.32	0.84	0.00	3.27	2.02	2.28	3.16	0.75	0.44	17.32
1988	Critical	0.30	0.23	0.31	1.40	1.21	0.00	1.77	2.25	2.50	2.68	2.62	2.32	17.59
1989	Dry	2.00	1.62	1.54	1.49	1.47	1.11	1.59	2.02	2.28	4.70	1.50	2.30	23.62
1990	Critical	2.02	1.59	1.45	1.40	2.12	0.69	1.77	2.25	2.50	2.68	2.62	2.32	23.41
1991	Critical	2.00	1.62	1.54	1.49	1.47	1.46	1.77	2.25	2.50	2.68	2.62	2.32	23.72
1992	Critical	2.00	1.62	1.54	1.49	1.47	1.46	1.77	2.25	2.50	4.71	2.02	2.32	25.15
1993	Above Normal	2.00	1.62	1.54	1.43	1.46	0.85	3.14	1.51	2.14	4.49	4.62	4.18	28.98
1994	Critical	3.98	1.49	1.30	0.21	0.82	0.00	1.77	2.25	2.50	0.35	0.14	0.32	15.13
1995	Wet	2.00	1.62	1.54	0.98	1.47	0.84	3.08	3.54	1.92	4.44	4.57	4.10	30.10
1996	Wet	2.28	1.35	0.84	0.66	0.47	0.00	2.00	1.62	1.92	2.76	2.71	2.26	18.87
1997	Wet	1.93	1.29	0.74	0.69	0.84	0.00	2.14	1.65	1.92	2.75	2.70	2.26	18.91
1998	Wet	1.87	1.31	0.92	0.30	0.59	0.00	2.13	1.59	1.92	2.75	2.71	2.25	18.34
1999	Wet	1.95	1.31	0.85	0.82	0.84	0.00	2.11	1.64	1.92	2.75	2.71	2.26	19.16
2000	Above Normal	1.95	0.58	1.70	0.43	0.84	0.00	2.50	1.51	2.14	2.92	2.75	2.34	19.66
2001	Dry	1.95	1.48	1.33	0.28	0.82	0.00	1.59	1.49	2.28	4.70	0.78	0.42	17.12
2002	Dry	0.25	0.18	0.48	1.40	2.12	0.00	3.55	2.02	2.28	4.70	0.34	0.59	17.91
2003	Above Normal	2.02	1.59	1.42	3.43	2.12	0.85	3.14	1.51	2.14	4.49	4.62	3.65	30.98
	Average	1.67	1.17	1.30	1.04	1.07	0.37	2.24	2.01	2.14	3.59	2.56	1.91	21.08
	Wet	1.51	1.09	1.39	0.97	0.90	0.22	2.30	2.00	1.92	3.28	3.10	2.59	21.26
	Above Normal	1.74	0.98	1.61	1.13	1.06	0.34	2.64	2.16	2.14	3.90	3.50	2.91	24.10
	Below Normal	1.92	1.36	1.14	1.02	1.09	0.45	2.42	2.03	2.17	4.16	3.13	1.07	21.96
	Dry	1.59	1.17	1.09	0.99	1.15	0.31	2.13	1.89	2.28	3.79	1.19	0.98	18.55
	Critical	1.80	1.33	1.31	1.22	1.33	0.72	1.68	2.04	2.36	2.96	1.87	1.80	20.43

Energy Use (GWh) At Pumping Plant at Contra Costa: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	1.95	0.69	0.34	0.99	0.27	0.00	3.14	3.21	2.14	2.80	2.76	2.34	20.63
1923	Below Normal	2.01	1.39	0.53	0.99	0.36	0.00	1.33	1.73	2.17	4.57	2.78	0.39	18.25
1924	Critical	0.33	0.25	1.35	1.16	0.92	0.00	0.67	0.81	2.48	2.68	2.62	2.32	15.59
1925	Dry	2.00	1.62	1.54	1.49	1.47	1.11	1.59	2.02	2.28	4.70	1.75	1.92	23.49
1926	Dry	2.02	1.59	1.45	1.40	1.21	1.11	1.59	2.02	2.28	3.82	1.92	2.30	22.71
1927	Wet	2.02	1.59	1.45	3.43	1.21	0.84	3.08	1.51	1.92	4.44	4.57	4.10	30.16
1928	Above Normal	2.42	1.31	0.91	0.83	0.84	0.00	1.18	1.51	2.14	3.88	2.76	2.34	20.12
1929	Critical	2.03	1.39	1.28	0.99	0.82	0.00	1.77	1.40	2.50	4.71	0.96	0.27	18.12
1930	Dry	0.16	0.10	0.24	1.49	2.39	0.00	1.59	2.02	2.28	4.70	1.00	2.30	18.27
1931	Critical	2.02	1.59	1.45	1.40	1.21	1.46	1.77	2.25	2.50	2.68	2.62	2.32	23.27
1932	Dry	2.00	1.62	1.54	1.49	1.47	1.11	1.59	2.02	2.28	4.70	4.64	0.22	24.68
1933	Critical	1.09	1.59	1.45	1.39	1.21	1.46	1.77	2.25	2.50	4.71	2.43	0.86	22.71
1934	Critical	2.00	1.62	1.54	1.49	2.39	0.61	1.77	2.25	2.50	4.71	1.03	2.32	24.23
1935	Below Normal	2.00	1.62	1.54	1.49	2.39	0.94	1.33	1.73	2.17	4.57	4.62	2.19	26.59
1936	Below Normal	1.97	1.51	1.35	1.17	0.80	0.94	3.29	1.73	2.17	4.57	3.71	0.30	23.51
1937	Below Normal	0.18	0.97	1.32	1.13	0.92	0.58	3.29	3.75	2.17	4.56	2.76	0.73	22.36
1938	Wet	0.27	0.22	3.37	1.17	0.92	0.00	3.08	2.77	1.92	2.76	2.71	2.25	21.44
1939	Dry	1.93	1.34	0.94	0.37	0.74	0.00	3.09	2.02	2.28	1.66	0.60	0.24	15.21
1940	Above Normal	0.21	0.18	1.09	1.32	1.11	0.85	3.14	3.54	2.14	4.49	4.62	4.18	26.87
1941	Wet	2.45	1.44	1.04	0.75	0.59	0.00	1.78	1.64	1.92	2.75	2.71	2.14	19.21
1942	Wet	2.05	1.31	0.79	0.48	0.76	0.00	2.02	1.63	1.92	2.76	2.71	2.25	18.68
1943	Wet	1.94	1.30	0.91	0.59	0.84	0.00	2.04	1.51	1.92	2.89	2.71	2.26	18.91
1944	Dry	1.94	1.34	0.92	0.31	0.84	0.00	3.27	2.02	2.28	3.14	1.06	0.29	17.41
1945	Below Normal	0.22	0.27	0.36	0.37	1.21	0.94	3.29	1.73	2.17	4.57	2.85	2.20	20.18
1946	Below Normal	1.97	1.51	1.35	1.17	1.84	0.09	3.29	3.75	2.17	4.55	2.76	0.35	24.80
1947	Dry	0.18	0.14	1.07	1.17	0.92	0.00	1.59	2.02	2.28	4.70	0.43	0.15	14.65
1948	Below Normal	1.85	1.59	1.45	1.40	1.21	0.94	1.33	1.73	2.17	4.57	4.62	2.20	25.06
1949	Dry	1.97	1.51	1.35	1.17	0.92	0.00	1.59	1.42	2.28	4.70	0.73	1.04	18.68
1950	Below Normal	2.02	1.59	1.45	1.40	1.21	0.94	3.29	1.73	2.17	4.57	2.83	2.20	25.40
1951	Above Normal	1.97	1.51	1.35	1.17	1.84	0.63	3.14	3.54	2.14	4.46	2.76	2.34	26.85
1952	Wet	2.01	1.40	1.23	0.84	0.82	0.00	2.05	1.65	1.92	2.75	2.71	2.26	19.64
1953	Wet	1.95	1.26	0.90	0.82	0.84	0.00	2.11	1.64	1.92	2.75	2.71	2.14	19.04
1954	Above Normal	2.06	1.31	0.95	0.82	0.84	0.00	2.14	1.51	2.14	2.93	2.76	2.34	19.80
1955	Dry	2.03	1.41	1.27	0.94	0.82	0.00	1.59	1.29	2.28	4.70	0.38	0.15	16.86
1956	Wet	0.09	0.06	0.13	1.24	1.21	0.84	3.08	1.51	1.92	4.44	4.57	4.10	23.19
1957	Above Normal	3.90	1.02	1.74	0.29	0.84	0.00	2.66	1.51	2.14	2.90	2.76	2.33	22.09
1958	Wet	1.95	0.63	0.91	0.99	0.82	0.00	2.20	1.64	1.92	2.75	2.71	2.25	18.77
1959	Below Normal	1.95	1.35	0.94	0.49	0.84	0.00	2.66	1.73	2.17	3.03	2.76	0.75	18.67
1960	Dry	0.36	0.20	0.44	1.14	0.92	0.00	1.59	1.48	2.28	2.22	0.92	2.30	13.85
1961	Dry	2.02	1.59	1.45	1.40	1.21	1.11	1.59	2.02	2.28	2.68	2.61	2.30	22.26
1962	Below Normal	2.02	1.59	1.45	1.40	1.21	0.94	3.29	1.73	2.17	4.57	3.42	2.20	25.99
1963	Wet	1.97	3.47	3.37	3.11	0.37	0.00	1.12	1.51	1.92	4.20	2.71	2.25	26.00
1964	Dry	1.93	1.29	0.95	0.80	0.88	0.00	1.59	2.02	2.28	2.68	0.67	0.28	15.37
1965	Wet	0.17	0.24	3.48	1.40	2.12	0.84	1.12	1.51	1.92	4.44	4.57	4.10	25.91
1966	Below Normal	2.64	1.28	0.88	0.82	0.84	0.00	1.33	1.73	2.17	4.11	2.76	0.43	18.99
1967	Wet	0.22	0.26	3.37	0.72	0.92	0.00	3.08	3.34	1.92	2.74	2.71	2.26	21.54
1968	Below Normal	1.95	1.31	0.94	0.74	0.84	0.00	2.43	1.73	2.17	3.02	2.39	0.41	17.93
1969	Wet	0.23	0.22	1.21	0.90	0.63	0.78	3.08	3.54	1.92	4.42	2.71	2.25	21.89
1970	Wet	1.93	1.31	0.90	0.63	0.84	0.00	2.10	1.51	1.92	2.89	2.71	2.25	18.99
1971	Wet	1.94	1.24	0.81	0.84	0.84	0.00	2.11	1.51	1.92	2.87	2.71	2.14	18.93
1972	Below Normal	2.06	1.12	1.10	0.83	0.87	0.00	1.33	1.73	2.17	4.10	2.76	0.40	18.47
1973	Above Normal	0.22	0.17	3.37	0.51	0.38	0.00	3.14	1.51	2.14	4.49	3.74	2.33	22.00
1974	Wet	1.99	1.33	1.23	0.96	0.82	0.00	2.06	1.51	1.92	2.88	2.71	2.26	19.67
1975	Wet	1.93	1.34	0.91	0.39	0.84	0.00	2.40	1.65	1.92	2.75	2.70	2.26	19.09
1976	Critical	1.87	1.38	0.95	0.77	0.84	0.00	1.77	2.04	0.89	0.22	0.15	1.60	12.48
1977	Critical	2.00	1.62	1.54	1.49	1.47	1.46	1.77	2.25	2.50	2.68	2.62	2.32	23.72
1978	Above Normal	2.00	1.62	1.54	1.49	1.47	0.85	1.18	3.54	2.14	4.49	4.62	4.18	29.12
1979	Below Normal	3.98	1.96	1.31	0.86	0.75	0.00	2.39	1.86	2.17	2.89	2.76	0.28	21.21
1980	Above Normal	0.14	0.21	3.37	0.89	0.71	0.00	3.14	1.51	2.14	4.49	3.21	2.34	22.15
1981	Dry	2.03	1.45	1.30	0.28	0.82	0.00	3.45	2.02	2.28	3.15	0.36	0.11	17.25
1982	Wet	0.08	0.14	3.48	0.55	1.21	0.84	3.08	3.54	1.92	4.44	3.45	2.22	24.95
1983	Wet	1.87	1.28	0.78	0.46	0.51	0.00	1.44	1.64	1.92	2.76	2.71	2.24	17.61
1984	Wet	1.94	1.25	0.85	0.85	0.84	0.00	2.11	1.65	1.92	2.76	2.71	2.26	19.14
1985	Dry	1.92	1.25	0.93	0.84	0.84	0.00	2.63	2.02	2.28	3.34	0.94	0.30	17.29
1986	Wet	0.24	0.20	0.15	0.55	1.21	0.84	3.08	3.54	1.92	4.44	4.57	3.84	24.58
1987	Dry	1.95	1.35	0.94	0.32	0.84	0.00	3.27	2.02	2.28	3.16	0.75	0.44	17.32
1988	Critical	0.30	0.23	0.31	1.40	1.21	0.00	1.77	2.25	2.50	2.68	2.62	2.32	17.59
1989	Dry	2.00	1.62	1.54	1.49	1.47	1.11	1.59	2.02	2.28	4.70	1.50	2.30	23.62
1990	Critical	2.02	1.59	1.45	1.40	2.12	0.69	1.77	2.25	2.50	2.68	2.62	2.32	23.41
1991	Critical	2.00	1.62	1.54	1.49	1.47	1.46	1.77	2.25	2.50	2.68	2.62	2.32	23.72
1992	Critical	2.00	1.62	1.54	1.49	1.47	1.46	1.77	2.25	2.50	4.71	2.02	2.32	25.15
1993	Above Normal	2.00	1.62	1.54	1.43	1.46	0.85	3.14	1.51	2.14	4.49	4.62	4.18	28.98
1994	Critical	3.98	1.49	1.30	0.21	0.82	0.00	1.77	2.25	2.50	0.35	0.14	0.32	15.13
1995	Wet	2.00	1.62	1.54	0.98	1.47	0.84	3.08	3.54	1.92	4.44	4.57	4.10	30.10
1996	Wet	2.28	1.35	0.84	0.66	0.47	0.00	2.00	1.62	1.92	2.76	2.71	2.26	18.87
1997	Wet	1.93	1.29	0.74	0.69	0.84	0.00	2.14	1.65	1.92	2.75	2.70	2.26	18.91
1998	Wet	1.87	1.31	0.92	0.30	0.59	0.00	2.13	1.59	1.92	2.75	2.71	2.25	18.34
1999	Wet	1.95	1.31	0.85	0.82	0.84	0.00	2.11	1.64	1.92	2.75	2.71	2.26	19.16
2000	Above Normal	1.95	0.58	1.70	0.43	0.84	0.00	2.50	1.51	2.14	2.92	2.75	2.34	19.66
2001	Dry	1.95	1.48	1.33	0.28	0.82	0.00	1.59	1.49	2.28	4.70	0.78	0.42	17.12
2002	Dry	0.25	0.18	0.48	1.40	2.12	0.00	3.55	2.02	2.28	4.70	0.34	0.59	17.91
2003	Above Normal	2.02	1.59	1.42	3.43	2.12	0.85	3.14	1.51	2.14	4.49	4.62	3.65	30.98
	Average	1.67	1.17	1.30	1.04	1.07	0.37	2.24	2.01	2.14	3.59	2.56	1.91	21.08
	Wet	1.51	1.09	1.39	0.97	0.90	0.22	2.30	2.00	1.92	3.28	3.10	2.59	21.26
	Above Normal	1.74	0.98	1.61	1.13	1.06	0.34	2.64	2.16	2.14	3.90	3.50	2.91	24.10
	Below Normal	1.92	1.36	1.14	1.02	1.09	0.45	2.42	2.03	2.17	4.16	3.13	1.07	21.96
	Dry	1.59	1.17	1.09	0.99	1.15	0.31	2.13	1.89	2.28	3.79	1.19	0.98	18.55
	Critical	1.80	1.33	1.31	1.22	1.33	0.72	1.68	2.04	2.36	2.96	1.87	1.80	20.43

Difference in Energy Use (GWh) At Pumping Plant at Contra Costa: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at Contra Costa: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Energy Use (GWh) At Pumping Plant at Corning: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.18	0.00	0.00	0.00	0.00	0.04	1.00	1.11	1.24	1.33	0.97	0.56	6.43
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.17	0.42	0.84	0.70	0.97	0.72	0.15	3.97
1924	Critical	0.12	0.01	0.00	0.00	0.00	0.04	0.18	0.19	0.19	0.21	0.15	0.09	1.18
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.52	0.62	0.83	0.61	0.28	3.02
1926	Dry	0.11	0.00	0.00	0.00	0.00	0.02	0.06	0.23	0.31	0.33	0.23	0.14	1.43
1927	Wet	0.04	0.00	0.00	0.00	0.00	0.04	0.75	1.12	1.20	1.42	1.06	0.60	6.23
1928	Above Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.30	0.75	0.78	0.84	0.63	0.35	3.71
1929	Critical	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.27	0.37	0.40	0.30	0.14	1.63
1931	Critical	0.05	0.00	0.00	0.00	0.00	0.01	0.15	0.15	0.16	0.20	0.15	0.07	0.94
1932	Dry	0.03	0.00	0.00	0.00	0.00	0.03	0.20	0.20	0.29	0.32	0.24	0.13	1.44
1933	Critical	0.05	0.00	0.00	0.00	0.00	0.01	0.11	0.11	0.12	0.13	0.10	0.05	0.68
1934	Critical	0.01	0.00	0.00	0.00	0.00	0.01	0.15	0.21	0.22	0.25	0.19	0.10	1.14
1935	Below Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.33	0.43	0.47	0.35	0.18	1.78
1936	Below Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.21	0.53	0.48	0.67	0.51	0.25	2.66
1937	Below Normal	0.11	0.02	0.00	0.00	0.00	0.00	0.16	0.45	0.39	0.51	0.39	0.22	2.25
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.43	1.25	1.40	1.49	1.12	0.50	6.19
1939	Dry	0.05	0.00	0.00	0.00	0.02	0.14	0.37	0.32	0.42	0.46	0.34	0.12	2.24
1940	Above Normal	0.05	0.01	0.00	0.00	0.00	0.00	0.56	0.94	1.29	1.42	1.07	0.56	5.90
1941	Wet	0.02	0.00	0.00	0.00	0.00	0.00	0.26	0.90	1.48	1.63	1.22	0.67	6.18
1942	Wet	0.10	0.00	0.00	0.00	0.00	0.00	0.23	0.91	1.44	1.61	1.21	0.66	6.16
1943	Wet	0.20	0.00	0.00	0.00	0.00	0.00	0.27	1.00	1.13	1.24	0.94	0.53	5.31
1944	Dry	0.17	0.00	0.00	0.00	0.00	0.02	0.17	0.29	0.32	0.38	0.28	0.16	1.79
1945	Below Normal	0.05	0.00	0.00	0.00	0.00	0.00	0.45	0.61	0.83	1.00	0.75	0.42	4.11
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.03	0.84	1.04	1.09	1.15	0.89	0.48	5.52
1947	Dry	0.18	0.00	0.00	0.00	0.00	0.00	0.28	0.55	0.56	0.69	0.52	0.28	3.06
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.77	1.21	1.61	1.22	0.56	5.41
1949	Dry	0.20	0.03	0.00	0.00	0.00	0.00	0.50	0.80	1.00	1.07	0.80	0.45	4.85
1950	Below Normal	0.18	0.00	0.00	0.00	0.00	0.01	0.33	0.43	0.45	0.51	0.38	0.20	2.49
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.08	0.94	0.91	1.24	1.34	1.00	0.53	6.04
1952	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.52	1.24	1.12	1.41	1.11	0.63	6.07
1953	Wet	0.23	0.00	0.00	0.00	0.00	0.15	0.47	1.04	1.19	1.48	1.06	0.63	6.25
1954	Above Normal	0.18	0.00	0.00	0.00	0.00	0.00	0.39	1.32	1.26	1.57	0.89	0.62	6.23
1955	Dry	0.19	0.00	0.00	0.00	0.00	0.10	0.34	0.54	0.54	0.59	0.45	0.20	2.95
1956	Wet	0.08	0.00	0.00	0.00	0.00	0.15	0.91	0.65	1.22	1.46	1.09	0.55	6.11
1957	Above Normal	0.18	0.04	0.00	0.00	0.00	0.00	0.55	0.75	1.05	1.13	0.85	0.12	4.67
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.88	1.31	1.54	1.26	0.67	5.98
1959	Below Normal	0.23	0.05	0.00	0.00	0.00	0.04	0.73	0.85	0.91	0.98	0.72	0.24	4.75
1960	Dry	0.16	0.03	0.00	0.00	0.00	0.00	0.17	0.44	0.53	0.57	0.43	0.24	2.57
1961	Dry	0.07	0.00	0.00	0.00	0.00	0.00	0.36	0.67	0.75	0.85	0.63	0.25	3.58
1962	Below Normal	0.13	0.00	0.00	0.00	0.00	0.00	0.58	1.03	1.05	1.28	0.94	0.50	5.51
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.98	1.50	1.65	1.23	0.70	6.23
1964	Dry	0.03	0.00	0.00	0.00	0.00	0.05	0.52	0.52	0.49	0.61	0.42	0.18	2.82
1965	Wet	0.04	0.00	0.00	0.00	0.00	0.02	0.16	1.03	1.15	1.23	0.66	0.52	4.81
1966	Below Normal	0.20	0.00	0.00	0.00	0.00	0.05	0.82	1.04	1.08	1.16	0.85	0.47	5.67
1967	Wet	0.19	0.00	0.00	0.00	0.00	0.02	0.41	1.22	1.12	1.49	1.13	0.64	6.22
1968	Below Normal	0.23	0.00	0.00	0.00	0.00	0.01	0.68	0.91	0.92	1.07	0.54	0.45	4.81
1969	Wet	0.07	0.00	0.00	0.00	0.00	0.00	0.67	1.26	1.21	1.36	1.03	0.59	6.19
1970	Wet	0.10	0.02	0.00	0.00	0.00	0.00	0.55	0.91	0.75	1.01	0.76	0.43	4.53
1971	Wet	0.08	0.00	0.00	0.00	0.00	0.03	0.92	0.95	1.06	1.26	0.95	0.48	5.73
1972	Below Normal	0.19	0.00	0.00	0.00	0.00	0.19	0.57	0.57	0.67	0.74	0.55	0.20	3.68
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.65	1.21	1.31	1.42	1.07	0.58	6.24
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.49	1.30	1.38	1.27	1.14	0.64	6.22
1975	Wet	0.05	0.00	0.00	0.00	0.00	0.00	0.48	1.33	1.37	1.37	1.04	0.64	6.28
1976	Critical	0.00	0.00	0.00	0.00	0.02	0.06	0.11	0.16	0.17	0.18	0.11	0.06	0.87
1977	Critical	0.03	0.00	0.00	0.00	0.00	0.05	0.14	0.07	0.15	0.17	0.13	0.05	0.79
1978	Above Normal	0.03	0.00	0.00	0.00	0.00	0.00	0.18	1.16	1.41	1.56	1.16	0.52	6.02
1979	Below Normal	0.26	0.00	0.00	0.00	0.00	0.00	0.28	0.75	0.87	0.93	0.61	0.32	4.02
1980	Above Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.56	0.96	0.98	1.35	1.03	0.56	5.45
1981	Dry	0.17	0.02	0.00	0.00	0.00	0.00	0.34	0.77	1.16	1.25	0.94	0.40	5.05
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.52	1.41	1.16	1.57	1.22	0.37	6.25
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.24	1.13	1.41	1.65	1.11	0.50	6.04
1984	Wet	0.20	0.00	0.00	0.00	0.00	0.04	0.81	1.17	1.18	1.30	0.88	0.51	6.09
1985	Dry	0.04	0.00	0.00	0.00	0.00	0.00	0.62	0.96	0.99	1.04	0.79	0.28	4.72
1986	Wet	0.08	0.00	0.00	0.00	0.00	0.00	0.32	0.68	1.01	1.09	0.82	0.16	4.16
1987	Dry	0.17	0.03	0.00	0.00	0.00	0.00	0.17	0.31	0.35	0.37	0.28	0.16	1.84
1988	Critical	0.04	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.09
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.46	0.48	0.58	0.43	0.01	2.15
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.23	0.27	0.30	0.23	0.13	1.28
1992	Critical	0.05	0.00	0.00	0.00	0.00	0.00	0.15	0.38	0.33	0.45	0.33	0.19	1.88
1993	Above Normal	0.01	0.01	0.00	0.00	0.00	0.00	0.44	0.66	0.95	1.38	1.01	0.59	5.05
1994	Critical	0.08	0.00	0.00	0.00	0.00	0.05	0.60	0.58	0.92	0.99	0.74	0.42	4.38
1995	Wet	0.14	0.00	0.00	0.00	0.00	0.00	0.39	0.87	1.28	1.57	1.17	0.66	6.08
1996	Wet	0.26	0.05	0.00	0.00	0.00	0.00	0.62	0.80	1.44	1.59	1.19	0.53	6.48
1997	Wet	0.07	0.00	0.00	0.00	0.00	0.05	0.87	0.95	0.89	1.16	0.77	0.41	5.17
1998	Wet	0.09	0.00	0.00	0.00	0.00	0.00	0.39	0.10	1.21	1.72	1.29	0.72	5.52
1999	Wet	0.15	0.00	0.00	0.00	0.00	0.00	0.52	1.27	1.17	1.43	1.03	0.61	6.18
2000	Above Normal	0.22	0.00	0.00	0.00	0.00	0.00	0.38	1.06	1.40	1.53	1.24	0.63	6.46
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.51	0.50	0.60	0.45	0.22	2.45
2002	Dry	0.05	0.00	0.00	0.00	0.00	0.05	0.80	0.81	1.00	1.05	0.79	0.45	5.00
2003	Above Normal	0.18	0.00	0.00	0.00	0.00	0.00	0.24	0.89	1.58	1.69	1.13	0.72	6.43
	Average	0.09	0.00	0.00	0.00	0.00	0.02	0.39	0.73	0.86	0.99	0.73	0.38	4.19
	Wet	0.09	0.00	0.00	0.00	0.00	0.02	0.49	1.01	1.22	1.42	1.06	0.56	5.87
	Above Normal	0.09	0.01	0.00	0.00	0.00	0.01	0.52	0.98	1.21	1.38	1.00	0.53	5.72
	Below Normal	0.11	0.01	0.00	0.00	0.00	0.04	0.44	0.73	0.79	0.93	0.67	0.33	4.05
	Dry	0.09	0.01	0.00	0.00	0.00	0.02	0.31	0.51	0.59	0.67	0.50	0.23	2.92
	Critical	0.05	0.00	0.00	0.00	0.00	0.02	0.14	0.17	0.21	0.24	0.18	0.10	1.11

Energy Use (GWh) At Pumping Plant at Corning: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.18	0.00	0.00	0.00	0.00	0.04	1.00	1.11	1.24	1.33	0.97	0.56	6.43
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.16	0.40	0.81	0.67	0.93	0.69	0.14	3.80
1924	Critical	0.11	0.01	0.00	0.00	0.00	0.04	0.19	0.20	0.21	0.22	0.17	0.09	1.24
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.53	0.63	0.85	0.62	0.28	3.07
1926	Dry	0.11	0.00	0.00	0.00	0.00	0.02	0.07	0.27	0.36	0.39	0.27	0.16	1.65
1927	Wet	0.04	0.00	0.00	0.00	0.00	0.04	0.75	1.12	1.20	1.42	1.06	0.60	6.23
1928	Above Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.31	0.78	0.80	0.87	0.65	0.37	3.84
1929	Critical	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.27	0.37	0.40	0.30	0.14	1.63
1931	Critical	0.05	0.00	0.00	0.00	0.00	0.01	0.16	0.15	0.16	0.20	0.15	0.07	0.95
1932	Dry	0.03	0.00	0.00	0.00	0.00	0.03	0.20	0.20	0.29	0.32	0.24	0.13	1.44
1933	Critical	0.05	0.00	0.00	0.00	0.00	0.01	0.10	0.10	0.11	0.12	0.09	0.05	0.63
1934	Critical	0.01	0.00	0.00	0.00	0.00	0.01	0.14	0.20	0.21	0.24	0.18	0.10	1.09
1935	Below Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.33	0.42	0.46	0.34	0.17	1.74
1936	Below Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.21	0.53	0.48	0.67	0.51	0.25	2.66
1937	Below Normal	0.11	0.02	0.00	0.00	0.00	0.00	0.16	0.45	0.39	0.51	0.39	0.22	2.25
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.43	1.25	1.40	1.49	1.12	0.50	6.19
1939	Dry	0.05	0.00	0.00	0.00	0.02	0.13	0.33	0.28	0.37	0.40	0.30	0.10	1.98
1940	Above Normal	0.04	0.01	0.00	0.00	0.00	0.00	0.57	0.95	1.31	1.44	1.08	0.57	5.97
1941	Wet	0.02	0.00	0.00	0.00	0.00	0.00	0.26	0.90	1.48	1.63	1.22	0.67	6.18
1942	Wet	0.10	0.00	0.00	0.00	0.00	0.00	0.23	0.91	1.44	1.61	1.21	0.66	6.16
1943	Wet	0.20	0.00	0.00	0.00	0.00	0.00	0.27	0.99	1.12	1.23	0.94	0.53	5.28
1944	Dry	0.17	0.00	0.00	0.00	0.00	0.02	0.16	0.28	0.31	0.37	0.27	0.15	1.73
1945	Below Normal	0.04	0.00	0.00	0.00	0.00	0.00	0.44	0.59	0.81	0.97	0.72	0.41	3.98
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.03	0.83	1.03	1.08	1.14	0.88	0.48	5.47
1947	Dry	0.18	0.00	0.00	0.00	0.00	0.00	0.29	0.55	0.57	0.69	0.52	0.28	3.08
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.77	1.21	1.61	1.22	0.56	5.41
1949	Dry	0.20	0.03	0.00	0.00	0.00	0.00	0.50	0.80	1.00	1.07	0.80	0.45	4.85
1950	Below Normal	0.18	0.00	0.00	0.00	0.00	0.01	0.33	0.43	0.45	0.50	0.38	0.20	2.48
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.08	0.94	0.91	1.24	1.34	1.00	0.53	6.04
1952	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.52	1.24	1.12	1.41	1.11	0.63	6.07
1953	Wet	0.23	0.00	0.00	0.00	0.00	0.14	0.47	1.04	1.19	1.48	1.06	0.63	6.24
1954	Above Normal	0.18	0.00	0.00	0.00	0.00	0.00	0.39	1.32	1.26	1.57	0.89	0.62	6.23
1955	Dry	0.19	0.00	0.00	0.00	0.00	0.10	0.34	0.54	0.54	0.59	0.45	0.20	2.95
1956	Wet	0.08	0.00	0.00	0.00	0.00	0.15	0.91	0.65	1.22	1.46	1.09	0.55	6.11
1957	Above Normal	0.18	0.04	0.00	0.00	0.00	0.00	0.55	0.75	1.05	1.13	0.85	0.12	4.67
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.88	1.31	1.54	1.26	0.67	5.98
1959	Below Normal	0.23	0.05	0.00	0.00	0.00	0.04	0.73	0.85	0.91	0.98	0.72	0.24	4.75
1960	Dry	0.16	0.03	0.00	0.00	0.00	0.00	0.17	0.44	0.53	0.57	0.43	0.24	2.57
1961	Dry	0.07	0.00	0.00	0.00	0.00	0.00	0.36	0.67	0.75	0.85	0.63	0.25	3.58
1962	Below Normal	0.13	0.00	0.00	0.00	0.00	0.00	0.58	1.03	1.05	1.28	0.94	0.50	5.51
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.98	1.50	1.65	1.23	0.70	6.23
1964	Dry	0.03	0.00	0.00	0.00	0.00	0.05	0.52	0.52	0.49	0.61	0.42	0.18	2.82
1965	Wet	0.04	0.00	0.00	0.00	0.00	0.02	0.15	1.01	1.13	1.21	0.65	0.51	4.72
1966	Below Normal	0.20	0.00	0.00	0.00	0.00	0.05	0.83	1.05	1.10	1.17	0.86	0.48	5.74
1967	Wet	0.19	0.00	0.00	0.00	0.00	0.02	0.41	1.22	1.12	1.49	1.13	0.64	6.22
1968	Below Normal	0.23	0.00	0.00	0.00	0.00	0.01	0.68	0.91	0.92	1.07	0.54	0.45	4.81
1969	Wet	0.07	0.00	0.00	0.00	0.00	0.00	0.67	1.26	1.21	1.36	1.03	0.59	6.19
1970	Wet	0.10	0.02	0.00	0.00	0.00	0.00	0.55	0.91	0.75	1.01	0.76	0.43	4.53
1971	Wet	0.08	0.00	0.00	0.00	0.00	0.03	0.92	0.95	1.06	1.26	0.95	0.48	5.73
1972	Below Normal	0.19	0.00	0.00	0.00	0.00	0.19	0.57	0.57	0.67	0.74	0.55	0.20	3.68
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.65	1.21	1.31	1.42	1.07	0.58	6.24
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.49	1.30	1.38	1.27	1.14	0.64	6.22
1975	Wet	0.05	0.00	0.00	0.00	0.00	0.00	0.48	1.33	1.37	1.37	1.04	0.64	6.28
1976	Critical	0.00	0.00	0.00	0.00	0.02	0.06	0.11	0.16	0.16	0.18	0.11	0.06	0.86
1977	Critical	0.03	0.00	0.00	0.00	0.00	0.05	0.14	0.07	0.15	0.17	0.13	0.05	0.79
1978	Above Normal	0.03	0.00	0.00	0.00	0.00	0.00	0.18	1.16	1.41	1.56	1.16	0.52	6.02
1979	Below Normal	0.26	0.00	0.00	0.00	0.00	0.00	0.28	0.73	0.85	0.90	0.59	0.32	3.93
1980	Above Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.56	0.95	0.97	1.33	1.01	0.55	5.38
1981	Dry	0.17	0.02	0.00	0.00	0.00	0.00	0.35	0.77	1.16	1.26	0.94	0.40	5.07
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.52	1.41	1.16	1.57	1.22	0.37	6.25
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.24	1.13	1.41	1.65	1.11	0.50	6.04
1984	Wet	0.20	0.00	0.00	0.00	0.00	0.04	0.81	1.17	1.18	1.30	0.88	0.51	6.09
1985	Dry	0.04	0.00	0.00	0.00	0.00	0.00	0.62	0.96	0.99	1.04	0.79	0.28	4.72
1986	Wet	0.08	0.00	0.00	0.00	0.00	0.00	0.32	0.68	1.01	1.09	0.82	0.16	4.16
1987	Dry	0.17	0.03	0.00	0.00	0.00	0.00	0.17	0.31	0.34	0.36	0.27	0.15	1.80
1988	Critical	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.06
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.46	0.48	0.58	0.43	0.01	2.15
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.23	0.27	0.30	0.23	0.13	1.28
1992	Critical	0.05	0.00	0.00	0.00	0.00	0.00	0.15	0.38	0.33	0.44	0.33	0.19	1.87
1993	Above Normal	0.01	0.01	0.00	0.00	0.00	0.00	0.44	0.66	0.94	1.38	1.01	0.58	5.03
1994	Critical	0.08	0.00	0.00	0.00	0.00	0.05	0.60	0.58	0.92	0.99	0.74	0.42	4.38
1995	Wet	0.14	0.00	0.00	0.00	0.00	0.00	0.39	0.87	1.28	1.57	1.17	0.66	6.08
1996	Wet	0.26	0.05	0.00	0.00	0.00	0.00	0.62	0.80	1.44	1.59	1.19	0.53	6.48
1997	Wet	0.07	0.00	0.00	0.00	0.00	0.05	0.87	0.95	0.89	1.16	0.77	0.41	5.17
1998	Wet	0.09	0.00	0.00	0.00	0.00	0.00	0.39	0.10	1.21	1.72	1.29	0.72	5.52
1999	Wet	0.15	0.00	0.00	0.00	0.00	0.00	0.52	1.27	1.17	1.43	1.03	0.61	6.18
2000	Above Normal	0.22	0.00	0.00	0.00	0.00	0.00	0.38	1.06	1.40	1.53	1.24	0.63	6.46
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.51	0.50	0.60	0.45	0.22	2.46
2002	Dry	0.05	0.00	0.00	0.00	0.00	0.05	0.80	0.81	1.00	1.05	0.79	0.45	5.00
2003	Above Normal	0.18	0.00	0.00	0.00	0.00	0.00	0.24	0.89	1.58	1.69	1.13	0.72	6.43
	Average	0.09	0.00	0.00	0.00	0.00	0.02	0.39	0.72	0.86	0.99	0.73	0.37	4.19
	Wet	0.09	0.00	0.00	0.00	0.00	0.02	0.49	1.01	1.22	1.42	1.06	0.56	5.87
	Above Normal	0.09	0.01	0.00	0.00	0.00	0.01	0.52	0.98	1.21	1.38	1.01	0.53	5.73
	Below Normal	0.11	0.01	0.00	0.00	0.00	0.04	0.44	0.72	0.79	0.92	0.67	0.33	4.02
	Dry	0.09	0.01	0.00	0.00	0.00	0.02	0.31	0.51	0.59	0.67	0.50	0.23	2.92
	Critical	0.05	0.00	0.00	0.00	0.00	0.02	0.14	0.17	0.21	0.24	0.18	0.10	1.11

Difference in Energy Use (GWh) At Pumping Plant at Corning: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.03)	(0.03)	(0.04)	(0.03)	(0.01)	(0.01)
1924	Critical	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.01	0.02	0.00	0.01
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.01	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.05	0.06	0.04	0.02	0.02
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.02	0.03	0.02	0.02	0.01
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.04)	(0.04)	(0.05)	(0.06)	(0.04)	(0.02)	(0.02)
1940	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.02	0.01	0.01	0.01
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
1945	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.02)	(0.03)	(0.03)	(0.01)	(0.01)
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.01	0.01	0.01	0.01
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.02)	(0.03)	(0.02)	0.00	(0.01)
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.02)	(0.01)	(0.01)
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	(0.01)	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	(0.00)	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
	Wet	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
	Above Normal	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	(0.00)	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.01)	(0.00)	(0.01)	(0.01)	(0.00)	(0.00)
	Dry	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	0.00	(0.00)	0.00	(0.00)	(0.00)	(0.00)
	Critical	(0.00)	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	0.00	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at Corning: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	-6%	-5%	-4%	-4%	-4%	-4%	-7%
1924	Critical	-8%	0%	0%	0%	0%	0%	6%	5%	11%	5%	13%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	2%	2%	2%	2%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	17%	17%	16%	18%	17%	14%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	3%	4%	3%	4%	3%	6%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	7%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	-9%	-9%	-8%	-8%	-10%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	-7%	-5%	-5%	-4%	-5%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	-2%	-2%	-3%	-6%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	-7%	-11%	-13%	-12%	-13%	-12%	-17%
1940	Above Normal	-20%	0%	0%	0%	0%	0%	2%	1%	2%	1%	1%	2%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	-6%	-3%	-3%	-3%	-4%	-6%
1945	Below Normal	-20%	0%	0%	0%	0%	0%	-2%	-3%	-2%	-3%	-4%	-2%
1946	Below Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	4%	0%	2%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	-6%	-2%	-2%	-2%	-2%	-2%
1966	Below Normal	0%	0%	0%	0%	0%	0%	1%	1%	2%	1%	1%	2%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-6%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	-3%	-2%	-3%	-3%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-2%	-2%
1981	Dry	0%	0%	0%	0%	0%	0%	3%	0%	0%	1%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-3%	-3%	-4%	-6%
1988	Critical	0%	0%	0%	0%	0%	0%	-100%	-100%	0%	0%	-100%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	-2%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	6%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-1%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	-1%	0%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	-1%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%
	Dry	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	-1%
	Critical	-1%	0%	0%	0%	0%	0%	-9%	-9%	-1%	-1%	-8%	0%

Energy Use (GWh) At Pumping Plant at CVP Banks: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	38.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.02
1923	Below Normal	6.26	26.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.37
1924	Critical	17.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.33	0.00	0.00	23.95
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.66	0.00	14.66
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.25	0.00	8.25
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	19.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.83
1929	Critical	0.00	18.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	18.32
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.22	0.00	10.22
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.54	0.00	0.00	5.54
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.95	0.00	8.95
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.88	0.00	0.00	3.88
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.89	0.00	0.00	6.89
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	11.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.91	28.04
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.92	0.00	12.92
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.23	3.25	0.00	7.48
1939	Dry	12.70	17.83	1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.81	0.00	46.02
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	3.36	13.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.56
1942	Wet	20.79	23.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.21
1943	Wet	15.49	36.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.88
1944	Dry	17.06	15.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.13	0.00	42.23
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.43	19.43
1946	Below Normal	4.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.66	20.89
1947	Dry	6.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.53	0.00	24.14
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	8.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.00	0.00	31.73
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	13.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.99
1952	Wet	6.83	16.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.54
1953	Wet	8.85	29.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.01
1954	Above Normal	7.14	8.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.91
1955	Dry	5.15	9.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.30	6.10	38.49
1956	Wet	0.00	0.00	0.00	0.00	4.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.79
1957	Above Normal	12.34	34.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.45
1958	Wet	0.00	9.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.04
1959	Below Normal	0.00	40.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.83
1960	Dry	12.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.35	0.00	26.06
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.30	5.35	22.65
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	18.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.17	0.00	35.22
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.33
1966	Below Normal	24.31	28.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	0.00	0.00	54.88
1967	Wet	15.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.83
1968	Below Normal	0.00	38.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.02
1969	Wet	13.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.97	24.85	10.12	0.00	71.15
1970	Wet	3.05	0.00	0.00	17.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.57	28.78
1971	Wet	12.02	3.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.27
1972	Below Normal	12.22	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.05
1973	Above Normal	15.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.58
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	42.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.86
1976	Critical	0.00	23.49	0.00	0.00	1.09	0.00	0.00	0.00	0.00	4.37	0.93	0.00	29.88
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.60	0.00	0.00	4.60
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	13.06	22.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.91	56.53
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.05	4.13	34.18
1981	Dry	0.00	20.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.38	0.00	35.47
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	9.74	52.94	37.78	0.00	0.00	0.00	0.00	0.00	27.85	66.32	27.55	11.88	234.06
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.14	0.00	18.14
1986	Wet	0.00	5.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.05	0.00	32.01
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.22	0.00	0.00	10.22
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.30
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.11	0.00	13.11
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00	0.02	0.00	8.02
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.59	0.00	0.00	23.59
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	7.61	13.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.08	0.00	42.51
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	11.89	24.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.03
1997	Wet	27.02	23.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.49
1998	Wet	8.22	22.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.41
1999	Wet	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	12.17	12.33
2000	Above Normal	5.59	4.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.66
2001	Dry	8.90	16.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.02	0.00	0.00	60.33
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.66	0.00	13.66
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	4.62	8.52	0.70	0.21	0.07	0.00	0.00	0.00	0.62	2.52	4.44	1.49	23.20
	Wet	6.01	11.64	1.45	0.66	0.19	0.00	0.00	0.00	1.95	3.68	2.58	1.25	29.43
	Above Normal	4.55	8.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	0.34	16.14
	Below Normal	5.09	11.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.92	5.28	22.64
	Dry	3.99	4.41	1.10	0.00	0.00	0.00	0.00	0.00	0.00	2.51	12.89	0.64	25.53
	Critical	2.10	4.61	0.00	0.00	0.09	0.00	0.00	0.00	0.00	5.29	1.86	0.00	13.96

Energy Use (GWh) At Pumping Plant at CVP Banks: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	38.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.02
1923	Below Normal	7.93	35.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.28
1924	Critical	17.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.89	0.00	0.00	24.04
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.74	0.00	12.74
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.67	0.00	9.67
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	19.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.37
1929	Critical	0.00	18.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.08
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.24	0.00	10.24
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.54	0.00	0.00	5.54
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.90	8.90
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.56	0.00	0.00	3.56
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.66	0.00	0.00	6.66
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	10.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.93	27.85
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.86	0.00	12.86
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	10.65	27.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.06	0.00	50.07
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	3.48	14.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.64
1942	Wet	20.53	24.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.55
1943	Wet	15.51	36.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.62
1944	Dry	16.44	23.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.82	0.00	50.19
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.48	18.48
1946	Below Normal	4.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.44	21.85
1947	Dry	5.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.67	0.00	22.91
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	8.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.04	0.00	31.69
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	13.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.96
1952	Wet	6.82	16.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.54
1953	Wet	10.33	52.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.72
1954	Above Normal	7.11	7.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.06
1955	Dry	4.98	10.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.24	5.32	37.83
1956	Wet	0.00	0.00	0.00	0.00	6.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.47
1957	Above Normal	12.33	34.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.45
1958	Wet	0.00	9.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.04
1959	Below Normal	0.00	42.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.47
1960	Dry	12.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.37	0.00	25.97
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.29	5.32	22.61
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	17.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.22	0.00	35.05
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.33
1966	Below Normal	24.30	24.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	0.00	0.00	51.74
1967	Wet	15.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.46
1968	Below Normal	0.00	38.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.02
1969	Wet	13.17	0.00	0.00	0.00	7.12	0.00	0.00	0.00	23.39	25.27	10.54	0.00	79.49
1970	Wet	2.21	0.00	0.00	17.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.76	28.73
1971	Wet	12.06	3.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.07
1972	Below Normal	12.26	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.04
1973	Above Normal	15.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.58
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	40.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.44
1976	Critical	0.00	23.69	0.00	0.00	1.09	0.00	0.00	0.00	0.00	4.95	0.33	0.00	30.06
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.60	0.00	0.00	4.60
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	13.16	22.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.90	56.07
1980	Above Normal	0.00	0.00	0.00	0.00	16.57	0.00	0.00	0.00	0.00	23.02	39.76	0.00	79.35
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.57	0.00	14.57
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	48.12	53.77	0.00	0.00	0.00	0.00	0.00	27.85	66.32	27.55	11.88	235.49
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.14	0.00	18.14
1986	Wet	0.00	5.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.32	0.00	30.28
1987	Dry	0.00	1.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.10	0.00	0.00	11.83
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.18
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.09	0.00	13.09
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.53	0.46	0.00	7.99
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.45	0.00	0.00	23.45
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	7.61	13.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.11	0.00	42.39
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	11.91	22.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.94
1997	Wet	25.70	22.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.34
1998	Wet	17.84	12.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.04
1999	Wet	0.00	0.00	0.00	0.00	2.87	0.00	0.00	0.00	0.00	0.00	0.00	13.44	16.31
2000	Above Normal	6.41	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.54
2001	Dry	8.87	16.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.64	0.00	0.00	59.86
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.65	0.00	13.65
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	4.58	8.64	0.87	0.22	0.42	0.00	0.00	0.00	0.62	2.75	4.35	1.55	24.00
	Wet	5.96	11.80	2.07	0.68	0.63	0.00	0.00	0.00	1.97	3.54	2.40	1.31	30.37
	Above Normal	4.62	8.55	0.00	0.00	1.38	0.00	0.00	0.00	0.00	1.92	3.31	0.00	19.78
	Below Normal	5.21	11.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.92	5.27	23.26
	Dry	3.75	4.43	0.99	0.00	0.00	0.00	0.00	0.00	0.00	2.49	12.21	1.09	24.95
	Critical	2.06	4.62	0.00	0.00	0.09	0.00	0.00	0.00	0.00	5.28	1.83	0.00	13.88

Difference in Energy Use (GWh) At Pumping Plant at CVP Banks: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	1.67	9.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91
1924	Critical	(0.47)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.00	0.00	0.01
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.92)	0.00	(0.16)
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.42	0.00	0.12
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	(0.46)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1929	Critical	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.28)	0.00	(0.02)
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(8.95)	8.90	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.32)	0.00	0.00	(0.03)
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.23)	0.00	0.00	(0.02)
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	(0.21)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	(0.02)
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	0.00	(0.01)
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(4.23)	(3.25)	0.00	(0.62)
1939	Dry	(2.05)	9.53	(1.68)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.75)	0.00	0.34
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.12	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
1942	Wet	(0.26)	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
1943	Wet	0.02	(0.28)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1944	Dry	(0.62)	8.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.31)	0.00	0.66
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.95)	(0.08)
1946	Below Normal	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.78	0.08
1947	Dry	(1.37)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	(0.10)
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	(0.08)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	1.48	23.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.06
1954	Above Normal	(0.03)	(0.82)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)
1955	Dry	(0.17)	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	(0.78)	(0.06)
1956	Wet	0.00	0.00	0.00	0.00	1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
1957	Above Normal	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	1.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
1960	Dry	(0.11)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	(0.01)
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.03)	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	(0.22)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	(0.01)
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	(0.01)	(3.13)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.26)
1967	Wet	(0.37)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	(0.04)	0.00	0.00	0.00	7.12	0.00	0.00	0.00	0.42	0.42	0.42	0.00	0.70
1970	Wet	(0.84)	0.00	0.00	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00
1971	Wet	0.04	(0.24)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1972	Below Normal	0.04	(0.05)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	(2.42)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.20)
1976	Critical	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	(0.60)	0.00	0.02
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.10	(0.55)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.04)
1980	Above Normal	0.00	0.00	0.00	0.00	16.57	0.00	0.00	0.00	0.00	23.02	9.71	(4.13)	3.76
1981	Dry	0.00	(20.09)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.81)	0.00	(1.74)
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	(9.74)	(4.82)	15.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.73)	0.00	(0.14)
1987	Dry	0.00	1.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.12)	0.00	0.00	0.13
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.12)	0.00	0.00	(0.01)
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.47)	0.44	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.14)	0.00	0.00	(0.01)
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	(0.15)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	(0.01)
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.02	(2.11)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.17)
1997	Wet	(1.32)	(0.83)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.18)
1998	Wet	9.62	(9.99)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1999	Wet	0.00	0.00	0.00	0.00	2.71	0.00	0.00	0.00	0.00	0.00	0.00	1.27	0.33
2000	Above Normal	0.82	(0.94)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
2001	Dry	(0.03)	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.38)	0.00	0.00	(0.04)
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	(0.04)	0.12	0.17	0.01	0.34	0.00	0.00	0.00	0.01	0.23	(0.09)	0.06	0.07
	Wet	(0.05)	0.16	0.62	0.02	0.44	0.00	0.00	0.00	0.02	(0.15)	(0.18)	0.06	0.08
	Above Normal	0.06	(0.18)	0.00	0.00	1.38	0.00	0.00	0.00	0.00	1.92	0.81	(0.34)	0.30
	Below Normal	0.13	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.01)	0.05
	Dry	(0.25)	0.02	(0.11)	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.68)	0.45	(0.05)
	Critical	(0.04)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.03)	0.00	(0.01)

Percent Difference in Energy Use (GWh) At Pumping Plant at CVP Banks: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	27%	35%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	-3%	0%	0%	0%	0%	0%	0%	0%	0%	9%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-13%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	17%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-100%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-100%	-
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-8%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-100%	-100%	0%
1939	Dry	-16%	53%	-100%	0%	0%	0%	0%	0%	0%	0%	-13%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	4%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	-1%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	-4%	59%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-5%
1946	Below Normal	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%
1947	Dry	-21%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	17%	80%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	-9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	-3%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-13%
1956	Wet	0%	0%	0%	0%	35%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-11%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	-	0%	0%	0%	2%	2%	4%	0%
1970	Wet	-28%	0%	0%	3%	0%	0%	0%	0%	0%	0%	0%	2%
1971	Wet	0%	-7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	-6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	1%	0%	0%	0%	0%	0%	0%	0%	13%	-65%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	1%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	-	0%	0%	0%	0%	-	32%	-100%
1981	Dry	0%	-100%	0%	0%	0%	0%	0%	0%	0%	0%	-5%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	-100%	-9%	42%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-7%	0%
1987	Dry	0%	-	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-40%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-6%	>1,000%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	-9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-5%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	117%	-45%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	>1,000%	0%	0%	0%	0%	0%	0%	10%
2000	Above Normal	15%	-23%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	-1%	0%	0%	0%	0%	0%	0%	-2%	-4%	-1%
	Wet	0%	0%	2%	0%	1%	0%	0%	0%	0%	-4%	-4%	0%
	Above Normal	1%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	3%	-8%
	Below Normal	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Dry	-3%	1%	-6%	0%	0%	0%	0%	0%	0%	0%	-6%	-1%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	-14%	0%

Energy Use (GWh) At Pumping Plant at CVP Dos Amigos: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	5.17	22.14	7.37	12.47	13.35	8.53	11.02	15.66	27.49	33.24	23.17	5.90	185.51
1923	Below Normal	7.40	16.01	6.34	10.69	11.46	4.89	5.96	9.00	15.66	18.89	13.29	3.51	123.10
1924	Critical	10.83	2.25	3.60	5.99	6.47	2.23	2.65	3.92	6.63	10.90	5.77	1.72	62.96
1925	Dry	1.27	1.02	1.53	2.40	2.67	4.01	5.01	7.67	13.29	16.03	18.13	3.05	76.08
1926	Dry	2.29	1.93	3.06	5.05	5.47	2.75	3.24	4.79	8.18	9.83	10.89	2.03	59.51
1927	Wet	1.51	1.23	1.89	3.01	3.32	5.26	6.75	9.99	17.42	21.04	14.76	3.86	90.04
1928	Above Normal	2.92	11.70	4.01	6.69	7.21	4.35	6.11	9.18	15.99	19.30	13.57	3.58	104.61
1929	Critical	2.70	10.67	3.68	6.12	6.61	0.54	0.72	1.05	1.54	1.78	1.51	0.67	37.59
1930	Dry	0.46	0.31	0.34	0.37	0.52	2.64	3.84	5.68	9.76	11.75	13.13	2.35	51.15
1931	Critical	1.76	1.45	2.26	3.64	3.98	2.02	2.41	3.56	6.00	9.76	5.24	1.59	43.67
1932	Dry	1.17	0.93	1.38	2.15	2.40	2.94	3.45	5.11	8.74	10.52	11.69	2.15	52.63
1933	Critical	1.60	1.31	2.02	3.24	3.56	1.49	1.91	2.81	4.66	7.36	4.12	1.31	35.39
1934	Critical	0.96	0.74	1.07	1.61	1.84	2.38	2.82	4.18	7.08	11.71	6.15	1.81	42.35
1935	Below Normal	1.34	1.08	1.64	2.58	2.86	0.54	1.43	6.09	10.48	12.63	8.98	2.50	52.15
1936	Below Normal	7.04	1.55	2.42	3.93	4.29	5.05	5.84	8.68	15.09	18.21	12.82	11.25	96.17
1937	Below Normal	2.56	2.17	3.47	5.76	6.23	1.53	4.55	6.89	11.91	14.35	16.17	2.77	78.36
1938	Wet	2.08	1.74	2.75	4.50	4.89	10.67	12.22	18.19	31.98	40.65	28.42	6.79	164.88
1939	Dry	11.06	12.77	7.37	12.47	13.35	3.46	4.91	7.29	12.61	15.21	15.45	2.91	118.86
1940	Above Normal	2.19	1.84	2.91	4.78	5.19	3.78	5.57	8.52	14.81	17.87	12.59	3.34	83.39
1941	Wet	4.08	8.26	3.41	5.65	6.11	7.71	10.11	14.63	25.66	31.02	21.65	5.54	143.83
1942	Wet	13.87	7.95	5.92	9.96	10.69	8.48	10.99	15.76	27.67	33.46	22.01	5.94	172.70
1943	Wet	11.71	11.86	6.38	10.76	11.53	8.79	10.45	15.54	27.27	32.97	22.98	5.86	176.10
1944	Dry	12.38	10.84	6.29	10.60	11.36	3.25	3.81	5.64	9.68	11.66	13.02	2.34	100.87
1945	Below Normal	1.75	1.44	2.24	3.61	3.95	5.02	7.89	11.73	20.51	24.77	17.34	13.52	113.77
1946	Below Normal	5.37	2.92	4.73	7.91	8.51	6.34	7.81	11.55	20.19	24.39	17.08	12.17	128.97
1947	Dry	6.43	2.88	4.65	7.79	8.38	3.79	6.03	8.95	15.58	18.80	21.36	3.50	108.14
1948	Below Normal	2.64	2.24	3.59	5.95	6.44	2.24	3.43	5.01	8.56	10.30	7.38	2.11	59.89
1949	Dry	5.63	1.29	1.98	3.17	3.48	3.98	7.65	11.43	19.97	24.12	27.57	4.39	114.66
1950	Below Normal	3.32	2.85	4.60	7.70	8.29	3.42	4.97	7.37	12.76	15.38	10.88	2.94	84.48
1951	Above Normal	8.71	1.86	2.94	4.83	5.25	6.82	7.89	11.67	20.41	24.65	17.26	4.48	116.77
1952	Wet	6.56	10.67	4.70	7.87	8.47	9.75	12.22	18.19	31.98	38.68	26.91	6.79	182.79
1953	Wet	9.28	18.03	7.37	12.47	13.35	4.17	5.52	8.23	14.29	17.24	12.15	3.24	125.34
1954	Above Normal	5.76	6.14	3.29	5.44	5.89	4.12	5.31	7.86	13.63	16.44	10.59	3.11	87.58
1955	Dry	4.73	6.59	3.14	5.18	5.62	5.15	5.96	8.85	15.40	18.58	21.11	3.46	103.77
1956	Wet	2.61	2.21	3.54	5.88	6.36	9.58	10.66	14.94	26.21	31.69	22.11	5.65	141.44
1957	Above Normal	10.03	12.27	6.05	10.18	10.92	3.62	3.51	5.15	8.81	10.60	7.59	2.16	90.89
1958	Wet	1.61	5.52	2.04	3.27	3.59	9.02	11.59	18.13	31.89	38.57	26.83	6.77	158.83
1959	Below Normal	5.15	22.07	7.34	12.44	13.31	3.30	4.27	6.80	11.74	14.15	10.03	2.74	113.34
1960	Dry	7.96	1.72	2.71	4.43	4.82	3.05	4.94	7.08	12.25	14.77	8.20	2.84	74.77
1961	Dry	2.14	1.79	2.82	4.63	5.03	4.12	6.12	8.85	15.40	18.58	10.23	3.46	83.17
1962	Below Normal	2.61	2.21	3.54	5.88	6.36	4.46	5.93	8.86	15.42	18.60	13.09	3.46	90.42
1963	Wet	2.61	2.22	3.55	5.89	6.37	4.85	6.22	9.19	16.00	19.31	13.57	3.58	93.36
1964	Dry	2.70	2.30	12.06	6.12	6.61	5.11	5.92	8.79	15.29	18.46	18.74	3.44	105.54
1965	Wet	2.59	2.20	3.52	5.84	6.32	5.20	6.02	14.53	25.48	30.96	5.94	5.51	114.11
1966	Below Normal	15.48	6.03	5.88	9.89	10.61	5.00	6.07	9.30	16.20	20.71	13.75	3.62	122.54
1967	Wet	10.08	2.32	3.73	6.20	6.70	9.87	12.22	18.19	31.98	38.68	26.91	6.79	173.67
1968	Below Normal	5.17	22.14	7.37	12.47	13.35	3.64	4.80	7.02	12.14	14.63	10.36	2.82	115.91
1969	Wet	8.25	1.77	2.80	4.59	4.99	10.67	12.22	18.19	31.98	50.22	31.61	6.79	184.08
1970	Wet	6.58	4.49	7.37	12.47	13.35	6.82	7.89	11.81	20.64	24.94	17.46	8.50	142.32
1971	Wet	9.01	4.45	4.76	7.97	8.57	3.26	4.65	6.95	12.01	14.47	10.25	2.79	89.14
1972	Below Normal	7.77	2.14	2.77	4.54	4.93	4.80	5.45	8.08	14.03	16.92	11.93	3.19	86.55
1973	Above Normal	9.64	2.03	3.23	5.34	5.78	5.45	7.18	10.64	18.57	22.43	15.73	4.10	110.12
1974	Wet	3.10	2.65	4.28	7.14	7.70	9.12	11.18	16.18	28.41	34.35	12.04	6.08	142.23
1975	Wet	4.63	19.57	6.55	11.05	11.84	6.28	8.40	11.65	20.37	24.60	9.11	4.47	138.52
1976	Critical	3.39	13.81	4.69	7.86	8.45	1.96	2.34	3.45	5.81	8.99	5.51	1.55	67.81
1977	Critical	1.14	0.90	1.34	2.07	2.32	1.77	2.13	3.14	5.24	8.41	4.60	1.43	34.49
1978	Above Normal	1.05	0.82	1.21	1.85	2.08	7.23	11.70	17.11	30.07	36.37	25.32	6.41	141.22
1979	Below Normal	10.94	14.71	6.93	11.71	12.54	4.69	7.05	10.48	18.29	22.09	15.49	13.75	148.67
1980	Above Normal	3.06	2.61	4.21	7.03	7.58	9.61	11.07	16.47	28.93	34.98	38.32	7.55	171.42
1981	Dry	4.71	4.08	6.67	11.26	12.06	4.28	5.19	7.99	13.87	16.73	18.95	3.16	108.95
1982	Wet	2.38	2.01	3.19	5.28	5.72	10.42	12.22	18.19	31.98	38.68	26.91	6.79	163.77
1983	Wet	9.69	17.62	7.37	12.47	13.35	10.67	12.22	18.19	31.98	56.33	26.91	6.79	223.59
1984	Wet	8.63	4.49	7.37	12.47	13.35	6.83	7.89	11.71	20.47	24.73	17.31	4.49	139.74
1985	Dry	3.40	2.92	4.72	7.90	8.50	5.00	6.02	9.23	16.07	19.39	22.06	3.59	108.80
1986	Wet	2.71	2.31	3.70	6.15	6.64	6.41	8.62	12.81	22.42	27.10	31.10	4.89	134.86
1987	Dry	3.71	3.19	5.17	8.68	9.32	0.84	3.84	5.68	9.75	16.49	8.38	2.35	77.40
1988	Critical	1.76	1.45	2.25	3.64	3.98	0.62	0.82	1.18	1.78	2.22	1.71	0.72	22.13
1989	Dry	0.50	0.34	0.40	0.47	0.62	0.54	4.63	6.98	12.06	14.54	11.30	2.81	55.19
1990	Critical	2.11	1.76	2.78	4.56	4.96	0.54	0.72	1.05	1.54	1.78	1.51	0.67	23.98
1991	Critical	0.46	0.31	0.34	0.37	0.52	2.53	3.17	4.68	7.98	13.31	6.91	1.99	42.57
1992	Critical	1.48	1.21	1.85	2.94	3.24	2.74	4.14	6.13	8.04	17.94	9.05	2.51	61.27
1993	Above Normal	1.36	1.56	2.44	3.96	4.32	4.94	7.83	10.72	18.71	22.60	15.52	4.13	98.09
1994	Critical	6.66	9.09	4.31	7.20	7.76	6.29	7.17	10.56	18.43	21.76	21.30	4.07	124.60
1995	Wet	3.08	2.63	4.24	7.09	7.64	8.95	11.85	17.30	30.40	36.77	25.60	6.48	162.03
1996	Wet	10.45	15.49	7.01	11.85	12.68	6.75	9.23	13.25	23.21	28.05	14.70	5.05	157.72
1997	Wet	16.38	3.30	5.36	8.99	9.65	8.45	10.28	14.78	25.92	31.34	17.27	5.60	157.32
1998	Wet	8.07	13.98	5.98	10.07	10.80	9.58	12.22	18.18	31.97	38.67	26.90	6.78	193.20
1999	Wet	5.17	4.49	7.36	12.47	13.34	4.76	6.69	9.93	17.32	20.91	14.68	9.49	126.61
2000	Above Normal	5.50	3.38	3.98	6.65	7.17	4.83	6.77	10.01	17.45	21.07	14.79	3.87	105.47
2001	Dry	7.06	7.59	4.02	6.70	7.23	4.35	5.32	7.89	13.70	23.56	11.66	3.13	102.21
2002	Dry	2.35	1.98	3.15	5.21	5.64	4.18	4.89	7.22	12.50	15.07	17.00	2.89	82.08
2003	Above Normal	2.17	1.82	2.88	4.73	5.14	4.98	6.24	9.21	16.04	19.36	13.61	3.59	89.77
	Average	5.09	5.50	4.09	6.64	7.16	5.05	6.56	9.81	17.07	21.47	15.43	4.36	108.22
	Wet	6.41	6.67	4.85	8.13	8.74	7.78	9.64	14.41	25.27	31.75	20.23	5.82	149.70
	Above Normal	4.80	5.68	3.71	6.16	6.66	5.69	7.52	11.02	19.24	23.24	17.34	4.35	115.40
	Below Normal	5.61	7.11	4.49	7.50	8.08	3.92	5.39	8.35	14.50	17.57	12.76	5.74	101.02
	Dry	4.44	3.58	3.97	5.81	6.28	3.52	5.04	7.51	13.01	16.34	15.49	2.99	87.99
	Critical	2.90	3.75	2.52	4.10	4.47	2.09	2.58	3.81	6.23	9.66	6.12	1.67	49.90

Energy Use (GWh) At Pumping Plant at CVP Dos Amigos: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	5.17	22.14	7.37	12.47	13.35	8.85	11.32	16.16	28.33	34.29	21.84	6.05	187.34
1923	Below Normal	8.33	15.23	6.54	10.73	11.80	5.13	6.18	9.38	16.29	19.69	13.81	3.62	126.73
1924	Critical	10.73	2.32	3.75	6.25	6.73	2.38	2.82	4.17	7.08	11.70	6.14	1.81	65.88
1925	Dry	1.34	1.08	1.63	2.58	2.86	3.92	4.59	7.05	12.17	14.68	16.30	2.82	71.02
1926	Dry	2.13	1.77	2.81	4.61	5.00	3.19	3.74	5.54	9.50	11.44	6.46	2.30	58.49
1927	Wet	1.73	1.41	2.20	3.54	3.88	5.49	6.97	10.38	18.07	21.84	15.29	3.97	94.77
1928	Above Normal	3.04	11.55	4.16	6.96	7.48	4.68	6.39	9.62	16.74	20.22	14.18	3.71	108.73
1929	Critical	2.83	10.78	3.85	6.42	6.92	0.54	0.72	1.05	1.54	1.78	1.51	0.67	38.61
1930	Dry	0.46	0.31	0.34	0.37	0.52	2.64	3.84	5.69	9.77	11.76	13.14	2.36	51.20
1931	Critical	1.76	1.45	2.26	3.65	3.99	2.02	2.41	3.56	6.00	9.77	5.24	1.59	43.70
1932	Dry	1.17	0.93	1.38	2.15	2.40	3.28	3.79	5.68	9.71	11.72	8.33	6.45	56.99
1933	Critical	1.78	1.43	2.25	3.64	3.96	1.59	1.91	2.83	4.68	7.26	4.14	1.31	36.78
1934	Critical	0.97	0.74	1.08	1.63	1.84	2.32	2.75	4.07	6.90	11.37	5.99	1.77	41.43
1935	Below Normal	1.31	1.05	1.59	2.51	2.78	0.88	1.76	6.57	11.29	13.63	9.65	2.63	55.65
1936	Below Normal	7.09	1.64	2.61	4.26	4.62	5.41	6.21	9.28	16.11	19.47	13.66	11.44	101.80
1937	Below Normal	2.74	2.29	3.71	5.77	6.24	1.88	4.55	7.05	12.88	15.55	16.94	2.95	82.55
1938	Wet	2.26	1.86	2.74	4.48	4.87	11.02	12.22	18.19	31.98	38.68	26.91	6.79	162.00
1939	Dry	10.12	17.20	7.37	12.47	13.35	3.17	4.71	7.04	12.13	14.64	8.28	2.80	113.28
1940	Above Normal	2.14	1.76	2.80	4.60	4.97	4.41	6.25	9.59	16.67	20.14	14.12	3.69	91.14
1941	Wet	4.44	8.94	3.61	5.99	6.55	7.95	10.29	14.97	26.20	31.70	22.09	5.63	148.36
1942	Wet	13.85	7.85	6.05	9.78	10.90	8.80	11.31	16.31	28.59	34.60	24.07	6.10	178.21
1943	Wet	11.89	11.90	6.60	10.72	11.91	9.04	10.74	16.04	28.11	34.02	23.65	6.00	180.62
1944	Dry	12.25	11.12	6.49	10.95	11.71	3.43	3.98	5.95	10.19	12.29	13.30	2.42	104.08
1945	Below Normal	1.84	1.50	2.36	3.83	4.16	5.25	8.01	11.97	20.89	25.27	17.65	13.13	115.86
1946	Below Normal	5.54	2.95	4.82	8.08	8.67	6.54	7.98	11.88	20.73	25.06	17.51	12.61	132.37
1947	Dry	5.90	2.93	4.78	8.02	8.60	4.04	6.29	9.39	16.33	19.72	22.04	3.63	111.67
1948	Below Normal	2.77	2.33	3.76	6.26	6.75	2.24	3.41	4.97	8.50	10.22	7.33	2.10	60.64
1949	Dry	5.58	1.28	1.96	3.14	3.45	3.99	7.67	11.46	20.03	24.19	27.64	4.40	114.79
1950	Below Normal	3.33	2.85	4.62	7.72	8.31	3.62	5.17	7.71	13.34	16.10	11.35	3.04	87.16
1951	Above Normal	8.80	1.93	2.94	4.83	5.49	7.18	8.25	12.27	21.42	25.91	18.09	4.66	121.77
1952	Wet	6.74	10.79	4.94	8.29	8.61	10.08	12.22	18.19	31.98	38.68	26.91	6.79	184.22
1953	Wet	9.97	17.35	7.37	12.47	13.35	3.95	5.61	8.42	14.59	17.63	12.40	3.28	126.39
1954	Above Normal	5.82	5.78	3.37	5.58	6.01	4.32	5.52	8.20	14.22	17.16	11.02	3.22	90.22
1955	Dry	4.76	6.83	3.28	5.42	5.86	5.19	6.00	8.92	15.51	18.72	21.17	3.48	105.14
1956	Wet	2.63	2.23	3.57	5.93	6.34	9.38	11.01	15.54	27.22	32.94	22.94	5.83	145.56
1957	Above Normal	10.20	12.39	6.29	10.60	11.33	3.96	3.85	5.72	9.77	11.79	8.38	2.33	96.61
1958	Wet	1.78	5.63	2.26	3.66	3.98	9.38	11.95	17.62	30.97	37.46	26.07	6.59	157.35
1959	Below Normal	5.02	21.42	7.14	12.07	12.92	3.36	4.67	7.17	12.37	14.93	10.55	2.85	114.47
1960	Dry	8.02	1.79	2.86	4.69	5.08	3.05	4.94	7.09	12.26	14.78	8.21	2.84	75.61
1961	Dry	2.14	1.79	2.83	4.64	5.04	4.12	6.11	8.85	15.39	18.57	10.23	3.46	83.17
1962	Below Normal	2.61	2.21	3.54	5.88	6.36	4.81	6.28	9.44	16.40	19.82	13.90	3.64	94.89
1963	Wet	2.79	2.33	3.78	6.29	6.77	5.15	6.51	9.69	16.84	20.35	14.26	3.72	98.48
1964	Dry	2.85	2.39	12.16	6.47	6.96	5.13	5.94	8.83	15.35	18.53	18.79	3.45	106.85
1965	Wet	2.60	2.21	3.53	5.86	6.34	5.43	6.23	14.49	25.36	30.84	7.19	5.46	115.54
1966	Below Normal	15.48	5.35	5.86	9.86	10.55	5.35	6.43	9.61	16.70	21.34	14.16	3.70	124.39
1967	Wet	10.00	2.38	3.85	6.41	6.90	10.19	12.22	18.19	31.98	38.68	26.91	6.79	174.50
1968	Below Normal	5.17	22.14	7.37	12.47	13.35	3.63	5.10	7.53	13.01	15.71	11.08	2.97	119.53
1969	Wet	8.39	1.88	3.00	4.58	4.98	10.67	12.22	18.19	31.98	50.42	31.80	6.79	184.90
1970	Wet	6.20	4.49	7.37	12.47	13.35	6.82	8.25	12.40	21.66	26.19	18.29	8.77	146.26
1971	Wet	9.21	4.46	5.00	8.38	8.99	3.52	4.92	7.38	12.75	15.39	10.86	2.92	93.78
1972	Below Normal	7.92	2.20	2.94	4.84	5.24	4.81	5.46	8.09	14.04	16.94	11.95	3.19	87.62
1973	Above Normal	9.64	2.03	3.23	5.35	5.79	5.80	7.54	11.23	19.58	23.68	16.56	4.28	114.71
1974	Wet	3.28	2.77	4.51	7.56	8.11	8.93	11.46	15.72	28.61	34.62	11.50	6.10	143.17
1975	Wet	4.69	19.11	6.60	11.15	11.92	6.69	8.81	12.34	21.54	26.05	10.01	4.68	143.59
1976	Critical	3.59	14.04	4.97	8.34	8.94	1.95	2.33	3.44	5.78	9.23	5.21	1.54	69.36
1977	Critical	1.13	0.90	1.33	2.06	2.31	1.77	2.13	3.14	5.24	8.41	4.60	1.43	34.45
1978	Above Normal	1.05	0.82	1.21	1.85	2.08	7.05	11.30	16.21	29.49	35.68	24.82	6.27	137.83
1979	Below Normal	10.93	13.63	6.80	11.50	12.29	5.00	7.40	11.07	19.30	23.33	16.32	13.93	151.50
1980	Above Normal	3.24	2.73	4.45	7.03	7.58	9.52	10.96	16.90	29.65	46.57	29.98	6.31	174.92
1981	Dry	4.84	4.16	6.84	11.56	12.36	4.62	5.28	8.18	14.15	17.10	18.80	3.20	111.09
1982	Wet	2.45	2.03	3.27	5.40	5.83	10.59	12.22	18.19	31.98	38.68	26.91	6.79	164.34
1983	Wet	5.17	22.14	7.37	12.47	13.35	10.67	12.22	18.19	31.98	56.33	26.91	6.79	223.59
1984	Wet	8.63	4.49	7.37	12.47	13.35	6.83	8.25	12.30	21.48	25.98	18.14	4.67	143.96
1985	Dry	3.58	3.04	4.96	8.32	8.92	5.26	6.28	9.66	16.81	20.31	22.67	3.72	113.53
1986	Wet	2.84	2.39	3.87	6.45	6.95	6.31	8.62	12.81	23.44	28.35	31.07	5.07	138.17
1987	Dry	3.89	4.11	5.41	9.09	9.74	0.80	3.81	5.64	9.68	16.35	8.32	2.34	79.18
1988	Critical	1.75	1.44	2.24	3.61	3.95	0.58	0.78	1.13	1.69	2.05	1.63	0.70	21.55
1989	Dry	0.48	0.33	0.38	0.43	0.58	0.54	4.67	6.97	12.04	14.52	12.08	2.80	55.82
1990	Critical	2.10	1.76	2.78	4.55	4.95	0.54	0.72	1.05	1.54	1.78	1.51	0.67	23.95
1991	Critical	0.46	0.31	0.34	0.37	0.52	2.53	3.16	4.67	7.96	13.07	7.10	1.99	42.48
1992	Critical	1.48	1.20	1.84	2.93	3.23	2.74	4.13	6.12	8.04	17.88	9.03	2.50	61.12
1993	Above Normal	1.36	1.56	2.43	3.95	4.31	5.28	8.15	11.25	19.61	23.71	16.28	4.28	102.17
1994	Critical	6.82	9.12	4.52	7.57	8.12	6.30	7.18	10.58	18.46	21.83	21.32	4.08	125.90
1995	Wet	3.09	2.64	4.25	7.10	7.65	9.16	11.37	16.36	29.75	36.00	25.04	6.33	158.74
1996	Wet	10.39	14.40	6.86	11.60	12.40	7.17	9.37	13.25	23.16	28.01	12.31	5.01	153.93
1997	Wet	15.78	3.27	5.35	8.56	9.20	8.80	10.63	15.21	26.63	32.23	12.13	5.71	153.50
1998	Wet	12.67	9.41	6.15	10.36	11.09	9.76	12.06	17.65	31.04	37.54	26.12	6.60	190.45
1999	Wet	5.03	4.36	7.15	12.10	12.95	4.82	7.12	10.63	18.52	22.38	15.66	10.30	131.02
2000	Above Normal	6.09	2.66	4.27	7.14	7.66	5.15	7.09	10.55	18.38	22.22	15.55	4.03	110.79
2001	Dry	7.21	7.69	4.23	7.08	7.61	4.42	5.39	8.01	13.90	23.82	11.82	3.16	104.34
2002	Dry	2.39	2.01	3.20	5.29	5.73	4.18	4.89	7.22	12.50	15.07	17.00	2.89	82.37
2003	Above Normal	2.17	1.82	2.88	4.73	5.14	5.21	6.47	9.60	16.70	20.18	14.15	3.70	92.75
	Average	5.14	5.52	4.17	6.75	7.28	5.20	6.70	10.01	17.45	22.06	15.30	4.47	110.04
	Wet	6.48	6.64	4.95	8.23	8.87	7.95	9.80	14.56	25.63	32.14	20.21	5.90	151.36
	Above Normal	4.89	5.60	3.78	6.26	6.77	5.95	7.76	11.44	20.05	25.13	17.08	4.38	119.08
	Below Normal	5.72	6.91	4.55	7.56	8.15	4.14	5.62	8.69	15.13	18.36	13.28	5.84	103.94
	Dry	4.40	3.93	4.05	5.96	6.43	3.61	5.11	7.62	13.19	16.57	14.70	3.25	88.81
	Critical	2.95	3.79	2.60	4.25	4.62	2.11	2.59	3.82	6.24	9.68	6.12	1.67	50.43

Difference in Energy Use (GWh) At Pumping Plant at CVP Dos Amigos: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.32	0.30	0.50	0.84	1.05	(1.33)	0.15	0.15
1923	Below Normal	0.93	(0.78)	0.20	0.04	0.34	0.24	0.22	0.38	0.63	0.80	0.52	0.11	0.30
1924	Critical	(0.10)	0.07	0.15	0.26	0.26	0.15	0.17	0.25	0.45	0.80	0.37	0.09	0.24
1925	Dry	0.07	0.06	0.10	0.18	0.19	(0.09)	(0.42)	(0.62)	(1.12)	(1.35)	(1.83)	(0.23)	(0.42)
1926	Dry	(0.16)	(0.16)	(0.25)	(0.44)	(0.47)	0.44	0.50	0.75	1.32	1.61	(4.43)	0.27	(0.09)
1927	Wet	0.22	0.18	0.31	0.53	0.56	0.23	0.22	0.39	0.65	0.80	0.53	0.11	0.39
1928	Above Normal	0.12	(0.15)	0.15	0.27	0.27	0.33	0.28	0.44	0.75	0.92	0.61	0.13	0.34
1929	Critical	0.13	0.11	0.17	0.30	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00
1931	Critical	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.34	0.34	0.57	0.97	1.20	(3.36)	4.30	0.36
1933	Critical	0.18	0.12	0.23	0.40	0.40	0.10	0.00	0.02	0.02	(0.10)	0.02	0.00	0.12
1934	Critical	0.01	0.00	0.01	0.02	0.00	(0.06)	(0.07)	(0.11)	(0.18)	(0.34)	(0.16)	(0.04)	(0.08)
1935	Below Normal	(0.03)	(0.03)	(0.05)	(0.07)	(0.08)	0.34	0.33	0.48	0.81	1.00	0.67	0.13	0.29
1936	Below Normal	0.05	0.09	0.19	0.33	0.33	0.36	0.37	0.60	1.02	1.26	0.84	0.19	0.47
1937	Below Normal	0.18	0.12	0.24	0.01	0.01	0.35	0.00	0.16	0.97	1.20	0.77	0.18	0.35
1938	Wet	0.18	0.12	(0.01)	(0.02)	(0.02)	0.35	0.00	0.00	0.00	(1.97)	(1.51)	0.00	(0.24)
1939	Dry	(0.94)	4.43	0.00	0.00	0.00	(0.29)	(0.20)	(0.25)	(0.48)	(0.57)	(7.17)	(0.11)	(0.47)
1940	Above Normal	(0.05)	(0.08)	(0.11)	(0.18)	(0.22)	0.63	0.68	1.07	1.86	2.27	1.53	0.35	0.65
1941	Wet	0.36	0.68	0.20	0.34	0.44	0.24	0.18	0.34	0.54	0.68	0.44	0.09	0.38
1942	Wet	(0.02)	(0.10)	0.13	(0.18)	0.21	0.32	0.32	0.55	0.92	1.14	2.06	0.16	0.46
1943	Wet	0.18	0.04	0.22	(0.04)	0.38	0.25	0.29	0.50	0.84	1.05	0.67	0.14	0.38
1944	Dry	(0.13)	0.28	0.20	0.35	0.35	0.18	0.17	0.31	0.51	0.63	0.28	0.08	0.27
1945	Below Normal	0.09	0.06	0.12	0.22	0.21	0.23	0.12	0.24	0.38	0.50	0.31	(0.39)	0.17
1946	Below Normal	0.17	0.03	0.09	0.17	0.16	0.20	0.17	0.33	0.54	0.67	0.43	0.44	0.28
1947	Dry	(0.53)	0.05	0.13	0.23	0.22	0.25	0.26	0.44	0.75	0.92	0.68	0.13	0.29
1948	Below Normal	0.13	0.09	0.17	0.31	0.31	0.00	(0.02)	(0.04)	(0.06)	(0.08)	(0.05)	(0.01)	0.06
1949	Dry	(0.05)	(0.01)	(0.02)	(0.03)	(0.03)	0.01	0.02	0.03	0.06	0.07	0.07	0.01	0.01
1950	Below Normal	0.01	0.00	0.02	0.02	0.02	0.20	0.20	0.34	0.58	0.72	0.47	0.10	0.22
1951	Above Normal	0.09	0.07	0.00	0.00	0.24	0.36	0.36	0.60	1.01	1.26	0.83	0.18	0.42
1952	Wet	0.18	0.12	0.24	0.42	0.14	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.12
1953	Wet	0.69	(0.68)	0.00	0.00	0.00	(0.22)	0.09	0.19	0.30	0.39	0.25	0.04	0.09
1954	Above Normal	0.06	(0.36)	0.08	0.14	0.12	0.20	0.21	0.34	0.59	0.72	0.43	0.11	0.22
1955	Dry	0.03	0.24	0.14	0.24	0.24	0.04	0.04	0.07	0.11	0.14	0.06	0.02	0.11
1956	Wet	0.02	0.02	0.03	0.05	(0.02)	(0.20)	0.35	0.60	1.01	1.25	0.83	0.18	0.34
1957	Above Normal	0.17	0.12	0.24	0.42	0.41	0.34	0.34	0.57	0.96	1.19	0.79	0.17	0.48
1958	Wet	0.17	0.11	0.22	0.39	0.39	0.36	0.36	(0.51)	(0.92)	(1.11)	(0.76)	(0.18)	(0.12)
1959	Below Normal	(0.13)	(0.65)	(0.20)	(0.37)	(0.39)	0.06	0.40	0.37	0.63	0.78	0.52	0.11	0.09
1960	Dry	0.06	0.07	0.15	0.26	0.26	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.07
1961	Dry	0.00	0.00	0.01	0.01	0.01	0.00	(0.01)	0.00	(0.01)	(0.01)	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.35	0.35	0.58	0.98	1.22	0.81	0.18	0.37
1963	Wet	0.18	0.11	0.23	0.40	0.40	0.30	0.29	0.50	0.84	1.04	0.69	0.14	0.43
1964	Dry	0.15	0.09	0.10	0.35	0.35	0.02	0.02	0.04	0.06	0.07	0.05	0.01	0.11
1965	Wet	0.01	0.01	0.01	0.02	0.02	0.23	0.21	(0.04)	(0.12)	(0.12)	1.25	(0.05)	0.12
1966	Below Normal	0.00	(0.68)	(0.02)	(0.03)	(0.06)	0.35	0.36	0.31	0.50	0.63	0.41	0.08	0.15
1967	Wet	(0.08)	0.06	0.12	0.21	0.20	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.07
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	(0.01)	0.30	0.51	0.87	1.08	0.72	0.15	0.30
1969	Wet	0.14	0.11	0.20	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.20	0.19	0.00	0.07
1970	Wet	(0.38)	0.00	0.00	0.00	0.00	0.00	0.36	0.59	1.02	1.25	0.83	0.27	0.33
1971	Wet	0.20	0.01	0.24	0.41	0.42	0.26	0.27	0.43	0.74	0.92	0.61	0.13	0.39
1972	Below Normal	0.15	0.06	0.17	0.30	0.31	0.01	0.01	0.01	0.01	0.02	0.02	0.00	0.09
1973	Above Normal	0.00	0.00	0.00	0.01	0.01	0.35	0.36	0.59	1.01	1.25	0.83	0.18	0.38
1974	Wet	0.18	0.12	0.23	0.42	0.41	(0.19)	0.28	(0.46)	0.20	0.27	(0.54)	0.02	0.08
1975	Wet	0.06	(0.46)	0.05	0.10	0.08	0.41	0.41	0.69	1.17	1.45	0.90	0.21	0.42
1976	Critical	0.20	0.23	0.28	0.48	0.49	(0.01)	(0.01)	(0.01)	(0.03)	0.24	(0.30)	(0.01)	0.13
1977	Critical	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.18)	(0.40)	(0.90)	(0.58)	(0.69)	(0.50)	(0.14)	(0.28)
1979	Below Normal	(0.01)	(1.08)	(0.13)	(0.21)	(0.25)	0.31	0.35	0.59	1.01	1.24	0.83	0.18	0.24
1980	Above Normal	0.18	0.12	0.24	0.00	0.00	(0.09)	(0.11)	0.43	0.72	11.59	(8.34)	(1.24)	0.29
1981	Dry	0.13	0.08	0.17	0.30	0.30	0.34	0.09	0.19	0.28	0.37	(0.15)	0.04	0.18
1982	Wet	0.07	0.02	0.08	0.12	0.11	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.05
1983	Wet	(4.52)	4.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.59	1.01	1.25	0.83	0.18	0.35
1985	Dry	0.18	0.12	0.24	0.42	0.42	0.26	0.26	0.43	0.74	0.92	0.61	0.13	0.39
1986	Wet	0.13	0.08	0.17	0.30	0.31	(0.10)	0.00	0.00	1.02	1.25	(0.03)	0.18	0.28
1987	Dry	0.18	0.92	0.24	0.41	0.42	(0.04)	(0.03)	(0.04)	(0.07)	(0.14)	(0.06)	(0.01)	0.15
1988	Critical	(0.01)	(0.01)	(0.01)	(0.03)	(0.03)	(0.04)	(0.04)	(0.05)	(0.09)	(0.17)	(0.08)	(0.02)	(0.05)
1989	Dry	(0.02)	(0.01)	(0.02)	(0.04)	(0.04)	0.00	0.04	(0.01)	(0.02)	(0.02)	0.78	(0.01)	0.05
1990	Critical	(0.01)	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.24)	0.19	0.00	(0.01)
1992	Critical	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00	(0.01)	(0.01)	0.00	(0.06)	(0.02)	(0.01)	(0.01)
1993	Above Normal	0.00	0.00	(0.01)	(0.01)	(0.01)	0.34	0.32	0.53	0.90	1.11	0.76	0.15	0.34
1994	Critical	0.16	0.03	0.21	0.37	0.36	0.01	0.01	0.02	0.03	0.07	0.02	0.01	0.11
1995	Wet	0.01	0.01	0.01	0.01	0.01	0.21	(0.48)	(0.94)	(0.65)	(0.77)	(0.56)	(0.15)	(0.27)
1996	Wet	(0.06)	(1.09)	(0.15)	(0.25)	(0.28)	0.42	0.14	0.00	(0.05)	(0.04)	(2.39)	(0.04)	(0.32)
1997	Wet	(0.60)	(0.03)	(0.01)	(0.43)	(0.45)	0.35	0.35	0.43	0.71	0.89	(5.14)	0.11	(0.32)
1998	Wet	4.60	(4.57)	0.17	0.29	0.29	0.18	(0.16)	(0.53)	(0.93)	(1.13)	(0.78)	(0.18)	(0.23)
1999	Wet	(0.14)	(0.13)	(0.21)	(0.37)	(0.39)	0.06	0.43	0.70	1.20	1.47	0.98	0.81	0.37
2000	Above Normal	0.59	(0.72)	0.29	0.49	0.49	0.32	0.32	0.54	0.93	1.15	0.76	0.16	0.44
2001	Dry	0.15	0.10	0.21	0.38	0.38	0.07	0.07	0.12	0.20	0.26	0.16	0.03	0.18
2002	Dry	0.04	0.03	0.05	0.08	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.23	0.23	0.39	0.66	0.82	0.54	0.11	0.25
	Average	0.05	0.03	0.08	0.11	0.12	0.15	0.14	0.20	0.38	0.59	(0.13)	0.11	0.15
	Wet	0.07	(0.03)	0.10	0.10	0.12	0.16	0.16	0.15	0.37	0.39	(0.02)	0.08	0.14
	Above Normal	0.10	(0.08)	0.07	0.09	0.11	0.26	0.24	0.43	0.80	1.89	(0.26)	0.03	0.31
	Below Normal	0.11	(0.20)	0.06	0.05	0.07	0.21	0.23	0.35	0.63	0.79	0.52	0.10	0.24
	Dry	(0.05)	0.35	0.08	0.15	0.15	0.09	0.06	0.11	0.18	0.23	(0.79)	0.26	0.07
	Critical	0.05	0.04	0.09	0.15	0.15	0.01	0.00	0.01	0.02	0.02	0.00	0.00	0.04

Percent Difference in Energy Use (GWh) At Pumping Plant at CVP Dos Amigos: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	4%	3%	3%	3%	3%	-6%	3%
1923	Below Normal	13%	-5%	3%	0%	3%	5%	4%	4%	4%	4%	4%	3%
1924	Critical	-1%	3%	4%	4%	4%	7%	6%	6%	7%	7%	6%	5%
1925	Dry	6%	6%	7%	8%	7%	-2%	-8%	-8%	-8%	-8%	-10%	-8%
1926	Dry	-7%	-8%	-8%	-9%	-9%	16%	15%	16%	16%	16%	-41%	13%
1927	Wet	15%	15%	16%	18%	17%	4%	3%	4%	4%	4%	4%	3%
1928	Above Normal	4%	-1%	4%	4%	4%	8%	5%	5%	5%	5%	4%	4%
1929	Critical	5%	1%	5%	5%	5%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	12%	10%	11%	11%	11%	-29%	200%
1933	Critical	11%	9%	11%	12%	11%	7%	0%	1%	0%	-1%	0%	0%
1934	Critical	1%	0%	1%	1%	0%	-3%	-2%	-3%	-3%	-3%	-3%	-2%
1935	Below Normal	-2%	-3%	-3%	-3%	-3%	63%	23%	8%	8%	8%	7%	5%
1936	Below Normal	1%	6%	8%	8%	8%	7%	6%	7%	7%	7%	7%	2%
1937	Below Normal	7%	6%	7%	0%	0%	23%	0%	2%	8%	8%	5%	6%
1938	Wet	9%	7%	0%	0%	0%	3%	0%	0%	0%	-5%	-5%	0%
1939	Dry	-8%	35%	0%	0%	0%	-8%	-4%	-3%	-4%	-4%	-46%	-4%
1940	Above Normal	-2%	-4%	-4%	-4%	-4%	17%	12%	13%	13%	13%	12%	10%
1941	Wet	9%	8%	6%	6%	7%	3%	2%	2%	2%	2%	2%	2%
1942	Wet	0%	-1%	2%	-2%	2%	4%	3%	3%	3%	3%	9%	3%
1943	Wet	2%	0%	3%	0%	3%	3%	3%	3%	3%	3%	3%	2%
1944	Dry	-1%	3%	3%	3%	3%	6%	4%	5%	5%	5%	2%	3%
1945	Below Normal	5%	4%	5%	6%	5%	5%	2%	2%	2%	2%	2%	-3%
1946	Below Normal	3%	1%	2%	2%	2%	3%	2%	3%	3%	3%	3%	4%
1947	Dry	-8%	2%	3%	3%	3%	7%	4%	5%	5%	5%	3%	4%
1948	Below Normal	5%	4%	5%	5%	5%	0%	-1%	-1%	-1%	-1%	-1%	0%
1949	Dry	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	6%	4%	5%	5%	5%	4%	3%
1951	Above Normal	1%	4%	0%	0%	5%	5%	5%	5%	5%	5%	5%	4%
1952	Wet	3%	1%	5%	5%	2%	3%	0%	0%	0%	0%	0%	0%
1953	Wet	7%	-4%	0%	0%	0%	-5%	2%	2%	2%	2%	2%	1%
1954	Above Normal	1%	-6%	2%	3%	2%	5%	4%	4%	4%	4%	4%	4%
1955	Dry	1%	4%	4%	5%	4%	1%	1%	1%	1%	1%	0%	1%
1956	Wet	1%	1%	1%	1%	0%	-2%	3%	4%	4%	4%	4%	3%
1957	Above Normal	2%	1%	4%	4%	4%	9%	10%	11%	11%	11%	10%	8%
1958	Wet	11%	2%	11%	12%	11%	4%	3%	-3%	-3%	-3%	-3%	-3%
1959	Below Normal	-3%	-3%	-3%	-3%	-3%	2%	9%	5%	5%	6%	5%	4%
1960	Dry	1%	4%	6%	6%	5%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	8%	6%	7%	6%	7%	6%	5%
1963	Wet	7%	5%	6%	7%	6%	6%	5%	5%	5%	5%	5%	4%
1964	Dry	6%	4%	1%	6%	5%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	4%	3%	0%	0%	0%	21%	-1%
1966	Below Normal	0%	-11%	0%	0%	-1%	7%	6%	3%	3%	3%	3%	2%
1967	Wet	-1%	3%	3%	3%	3%	3%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	6%	7%	7%	7%	7%	5%
1969	Wet	2%	6%	7%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1970	Wet	-6%	0%	0%	0%	0%	0%	5%	5%	5%	5%	5%	3%
1971	Wet	2%	0%	5%	5%	5%	8%	6%	6%	6%	6%	6%	5%
1972	Below Normal	2%	3%	6%	7%	6%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	6%	5%	6%	5%	6%	5%	4%
1974	Wet	6%	5%	5%	6%	5%	-2%	3%	-3%	1%	1%	-4%	0%
1975	Wet	1%	-2%	1%	1%	1%	7%	5%	6%	6%	6%	10%	5%
1976	Critical	6%	2%	6%	6%	6%	-1%	0%	0%	-1%	3%	-5%	-1%
1977	Critical	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	-2%	-3%	-5%	-2%	-2%	-2%	-2%
1979	Below Normal	0%	-7%	-2%	-2%	-2%	7%	5%	6%	6%	6%	5%	1%
1980	Above Normal	6%	5%	6%	0%	0%	-1%	-1%	3%	2%	33%	-22%	-16%
1981	Dry	3%	2%	3%	3%	2%	8%	2%	2%	2%	2%	-1%	1%
1982	Wet	3%	1%	3%	2%	2%	2%	0%	0%	0%	0%	0%	0%
1983	Wet	-47%	26%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	5%	5%	5%	5%	5%	4%
1985	Dry	5%	4%	5%	5%	5%	5%	4%	5%	5%	5%	3%	4%
1986	Wet	5%	3%	5%	5%	5%	-2%	0%	0%	5%	5%	0%	4%
1987	Dry	5%	29%	5%	5%	5%	-5%	-1%	-1%	-1%	-1%	-1%	0%
1988	Critical	-1%	-1%	0%	-1%	-1%	-6%	-5%	-4%	-5%	-8%	-5%	-3%
1989	Dry	-4%	-3%	-5%	-9%	-6%	0%	1%	0%	0%	0%	7%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	3%	0%
1992	Critical	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	7%	4%	5%	5%	5%	5%	4%
1994	Critical	2%	0%	5%	5%	5%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	2%	-4%	-5%	-2%	-2%	-2%	-2%
1996	Wet	-1%	-7%	-2%	-2%	-2%	6%	2%	0%	0%	0%	-16%	-1%
1997	Wet	-4%	-1%	0%	-5%	-5%	4%	3%	3%	3%	3%	-30%	2%
1998	Wet	57%	-33%	3%	3%	3%	2%	-1%	-3%	-3%	-3%	-3%	-3%
1999	Wet	-3%	-3%	-3%	-3%	-3%	1%	6%	7%	7%	7%	7%	9%
2000	Above Normal	11%	-21%	7%	7%	7%	7%	5%	5%	5%	5%	5%	4%
2001	Dry	2%	1%	5%	6%	5%	2%	1%	2%	1%	1%	1%	1%
2002	Dry	2%	2%	2%	2%	2%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	5%	4%	4%	4%	4%	4%	3%
	Average	2%	1%	2%	2%	2%	4%	3%	2%	3%	3%	0%	4%
	Wet	3%	1%	3%	2%	2%	2%	2%	2%	2%	2%	1%	2%
	Above Normal	2%	-2%	2%	1%	1%	6%	4%	5%	5%	8%	2%	2%
	Below Normal	2%	0%	2%	2%	2%	10%	5%	4%	4%	5%	4%	3%
	Dry	0%	5%	2%	2%	2%	2%	2%	2%	2%	2%	-6%	12%
	Critical	2%	1%	3%	3%	2%	0%	0%	0%	0%	0%	0%	0%

Energy Use (GWh) At Pumping Plant at CVP San Luis: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	19.36	37.83	50.06	27.84	9.76	52.24	0.00	0.00	0.00	0.00	0.00	12.28	209.37
1923	Below Normal	17.42	41.25	50.85	38.21	34.85	19.35	0.00	0.00	0.00	0.00	0.00	15.94	217.87
1924	Critical	30.34	49.67	49.01	41.13	10.67	0.00	0.00	0.00	0.00	0.00	0.00	5.06	185.88
1925	Dry	13.84	2.87	54.20	46.02	25.24	14.93	0.00	0.00	0.00	0.00	0.00	3.55	160.65
1926	Dry	16.73	40.79	41.78	39.74	5.00	0.00	0.00	0.00	0.00	0.00	0.00	10.97	155.01
1927	Wet	13.87	49.95	50.80	29.56	50.93	34.86	0.00	0.00	0.00	0.00	0.00	4.47	234.44
1928	Above Normal	3.73	40.49	61.29	41.69	8.58	45.78	0.00	0.00	0.00	0.00	0.00	11.68	213.24
1929	Critical	6.77	17.76	56.78	35.89	25.67	18.43	0.00	0.00	0.00	0.00	18.11	5.32	184.73
1930	Dry	13.00	20.28	43.25	33.40	29.24	16.03	0.00	0.00	0.00	0.00	0.00	0.00	155.20
1931	Critical	11.63	31.32	39.99	42.50	41.66	0.00	0.00	0.00	0.00	0.00	0.00	5.90	173.00
1932	Dry	12.34	13.07	62.26	50.54	60.51	0.00	0.00	0.00	0.00	0.00	0.00	34.45	233.17
1933	Critical	20.01	30.70	60.98	62.29	13.08	3.65	0.00	0.00	0.00	0.00	25.49	31.26	247.46
1934	Critical	21.87	20.42	35.99	1.72	1.02	0.00	0.00	0.00	0.00	0.00	0.00	3.75	84.77
1935	Below Normal	9.15	23.40	50.35	47.52	31.77	21.24	0.00	0.00	0.00	0.00	0.00	18.25	201.68
1936	Below Normal	26.96	38.33	58.44	24.59	15.85	4.57	0.00	0.00	0.00	0.00	0.00	21.73	190.47
1937	Below Normal	27.82	48.32	59.89	30.12	2.05	3.78	0.92	0.00	0.00	0.00	0.00	24.13	197.03
1938	Wet	16.19	57.73	60.45	3.20	1.86	5.93	0.00	15.67	0.00	0.00	0.00	9.53	170.56
1939	Dry	15.69	0.00	61.01	28.63	28.94	0.00	0.00	0.00	0.00	0.00	0.00	11.58	145.85
1940	Above Normal	9.52	23.64	15.74	19.43	28.12	46.35	0.00	0.00	0.00	0.00	0.00	2.74	145.54
1941	Wet	7.28	18.68	47.12	51.66	60.04	47.87	0.00	0.00	0.00	0.00	0.00	14.18	246.83
1942	Wet	9.03	60.93	54.17	60.92	50.97	43.37	0.00	0.00	0.00	0.00	0.00	10.60	289.99
1943	Wet	11.88	59.70	41.05	52.98	40.40	63.14	0.00	0.00	0.00	0.00	0.00	9.14	278.29
1944	Dry	8.38	31.56	44.70	26.90	21.13	11.85	0.00	0.00	0.00	0.00	0.00	2.49	147.01
1945	Below Normal	10.76	42.25	52.46	47.33	62.41	49.09	0.00	0.00	0.00	0.00	0.00	16.56	280.86
1946	Below Normal	26.38	51.01	66.17	60.99	51.55	26.01	0.00	0.00	0.00	0.00	0.00	16.78	298.89
1947	Dry	28.42	50.37	59.06	53.58	29.40	0.00	0.00	0.00	0.00	0.00	0.00	8.25	229.08
1948	Below Normal	10.56	36.60	39.62	14.05	0.00	14.04	0.00	0.00	0.00	0.00	5.46	17.30	137.63
1949	Dry	28.40	47.31	58.43	44.87	38.66	1.37	0.00	0.00	0.00	0.00	0.00	11.00	230.04
1950	Below Normal	16.18	32.30	43.30	13.45	9.41	27.14	0.00	0.00	0.00	0.00	0.00	15.80	157.58
1951	Above Normal	31.18	51.95	76.58	77.79	1.93	5.30	0.00	0.00	0.00	0.00	0.00	15.33	260.06
1952	Wet	10.47	45.86	47.10	57.70	45.81	49.22	0.00	0.00	0.00	0.00	0.00	10.40	266.56
1953	Wet	4.35	45.87	57.46	23.02	20.36	34.86	0.00	0.00	0.00	0.00	0.00	17.72	203.64
1954	Above Normal	0.00	45.03	50.43	17.27	15.14	27.61	0.00	0.00	0.00	0.00	0.00	13.83	169.31
1955	Dry	8.21	38.40	59.72	46.57	38.09	9.54	0.00	0.00	0.00	0.00	0.00	18.79	219.32
1956	Wet	9.37	39.81	65.88	73.45	78.77	6.04	0.00	0.00	0.00	0.00	0.00	11.61	284.93
1957	Above Normal	10.84	56.73	46.45	27.47	0.00	0.00	0.00	0.00	0.00	0.00	5.03	13.19	159.71
1958	Wet	29.41	51.95	51.08	32.96	53.11	42.26	0.00	0.00	0.00	0.00	0.00	9.57	270.34
1959	Below Normal	10.89	46.52	50.17	3.38	5.34	25.55	0.00	0.00	0.00	0.00	1.00	4.42	147.27
1960	Dry	13.13	26.61	42.97	36.79	14.65	12.34	0.00	0.00	0.00	0.00	0.00	12.20	158.69
1961	Dry	10.71	28.47	57.23	39.62	10.24	26.06	0.00	0.00	0.00	0.00	0.00	15.55	187.88
1962	Below Normal	8.00	25.08	21.09	35.06	21.57	31.63	0.00	0.00	0.00	0.00	0.00	9.77	152.20
1963	Wet	26.55	50.85	46.76	24.77	25.39	32.09	0.00	0.00	0.00	0.00	0.00	0.00	206.41
1964	Dry	11.00	52.29	68.20	45.36	24.07	13.07	0.00	0.00	0.00	0.00	0.00	13.60	227.59
1965	Wet	8.21	18.08	41.60	60.79	51.07	39.93	0.00	0.00	0.00	0.00	0.00	9.36	229.04
1966	Below Normal	3.98	52.24	54.15	41.02	28.40	18.36	0.00	0.00	0.00	0.00	0.00	11.64	209.79
1967	Wet	14.57	31.37	45.12	45.07	35.74	36.87	0.00	0.00	0.00	0.00	0.00	9.64	218.38
1968	Below Normal	17.47	17.36	56.71	27.33	0.00	31.48	0.00	0.00	0.00	0.00	0.49	5.50	156.34
1969	Wet	23.31	41.09	66.23	75.73	72.19	6.00	6.35	8.86	2.95	0.00	0.00	3.18	305.89
1970	Wet	18.67	0.00	51.42	81.37	24.85	5.33	0.00	0.00	0.00	0.00	0.00	7.86	189.50
1971	Wet	9.98	15.68	44.96	31.75	20.74	38.64	0.00	0.00	0.00	0.00	0.66	13.57	175.98
1972	Below Normal	13.27	17.59	59.40	40.63	8.05	6.30	0.00	0.00	0.00	0.00	0.00	9.16	154.40
1973	Above Normal	17.55	49.94	48.82	35.22	52.37	43.66	0.00	0.00	0.00	0.00	0.00	0.00	247.56
1974	Wet	29.76	51.82	63.79	70.22	41.84	22.52	0.00	0.00	0.00	0.00	0.00	10.17	290.12
1975	Wet	21.32	52.13	53.74	28.46	11.89	43.58	0.00	0.00	0.00	0.00	0.00	12.09	223.21
1976	Critical	25.77	36.99	57.07	41.82	47.19	25.41	0.00	0.00	0.00	0.00	0.00	0.00	234.25
1977	Critical	3.50	25.91	27.47	31.21	35.61	0.00	0.00	0.00	0.00	0.00	10.58	0.00	134.28
1978	Above Normal	5.54	6.03	23.98	27.75	60.31	59.39	0.00	0.00	0.00	0.00	0.00	10.77	193.77
1979	Below Normal	13.73	35.39	52.47	40.33	37.18	59.95	0.00	0.00	0.00	0.00	0.00	18.27	257.32
1980	Above Normal	30.00	24.30	63.04	72.84	61.81	5.98	0.00	0.00	0.00	0.00	0.00	0.00	257.97
1981	Dry	14.63	53.18	51.31	26.79	13.43	17.13	0.00	0.00	0.00	0.00	0.00	13.40	189.87
1982	Wet	21.10	44.38	45.10	50.26	66.49	24.67	6.90	0.00	0.00	0.00	0.00	10.25	269.15
1983	Wet	43.63	90.64	117.25	6.00	3.73	6.02	6.82	7.97	9.01	0.00	0.00	45.31	336.38
1984	Wet	6.68	6.82	6.06	6.01	3.71	5.41	0.00	0.00	0.00	0.00	0.00	16.60	51.29
1985	Dry	8.55	48.94	64.03	39.81	28.82	18.34	0.00	0.00	0.00	0.00	0.00	13.56	222.05
1986	Wet	26.34	54.55	57.81	17.98	61.82	44.85	0.00	0.00	0.00	0.00	0.00	0.00	263.35
1987	Dry	2.41	0.68	51.04	31.71	20.00	16.46	0.00	0.00	0.00	0.00	0.00	2.36	124.66
1988	Critical	20.49	26.27	31.79	23.73	0.00	0.00	0.00	0.00	0.00	0.00	14.28	0.00	116.56
1989	Dry	4.96	18.80	36.06	45.36	6.42	0.00	0.00	0.00	0.00	0.00	0.00	12.02	123.62
1990	Critical	7.09	21.20	39.15	33.71	11.63	0.00	0.00	0.00	0.00	0.00	9.36	0.00	122.14
1991	Critical	10.27	18.19	27.19	5.05	14.99	0.00	0.00	0.00	0.00	0.00	3.14	0.00	78.83
1992	Critical	0.53	21.46	12.90	12.70	8.07	13.32	0.00	0.00	0.00	9.34	8.24	0.00	86.56
1993	Above Normal	0.18	15.21	27.38	28.95	43.07	32.83	0.00	0.00	0.00	0.00	0.00	12.09	159.71
1994	Critical	14.15	35.58	55.17	32.50	23.35	6.85	0.00	0.00	0.00	0.00	0.37	8.31	176.28
1995	Wet	3.30	27.69	26.21	22.13	31.96	53.06	0.00	15.39	0.00	0.00	0.00	10.88	190.62
1996	Wet	0.00	6.54	38.58	14.86	34.22	55.27	0.00	0.00	0.00	0.00	0.00	11.20	160.67
1997	Wet	2.39	49.35	57.04	59.53	55.48	37.44	0.00	0.00	0.00	0.00	0.00	11.22	272.45
1998	Wet	3.81	12.53	51.49	22.26	44.79	58.53	0.00	0.00	0.00	0.00	0.00	9.73	203.14
1999	Wet	25.56	49.62	51.46	41.35	34.48	55.29	0.00	0.00	0.00	0.00	0.00	8.51	266.27
2000	Above Normal	0.00	42.45	44.69	16.61	46.32	47.91	0.00	0.00	0.00	0.00	0.00	12.78	210.76
2001	Dry	1.20	38.00	45.18	37.90	20.93	19.61	0.00	0.00	0.00	2.31	0.00	2.94	168.07
2002	Dry	17.39	23.27	47.96	28.22	18.10	13.64	0.00	0.00	0.00	0.00	0.00	8.20	156.78
2003	Above Normal	17.04	30.71	34.13	20.06	27.32	22.38	0.00	0.00	0.00	0.00	0.00	4.24	155.88
	Average	14.10	34.58	49.26	36.43	28.68	22.91	0.26	0.58	0.15	0.14	1.25	10.43	198.77
	Wet	15.27	39.75	51.53	40.15	39.33	34.35	0.77	1.84	0.46	0.00	0.03	11.03	234.52
	Above Normal	12.08	35.36	45.22	34.41	29.56	32.45	0.00	0.00	0.00	0.00	0.42	9.08	198.57
	Below Normal	15.18	36.26	51.08	33.14	22.03	24.18	0.07	0.00	0.00	0.00	0.50	14.66	197.10
	Dry	12.72	29.72	52.69	38.99	24.05	10.58	0.00	0.00	0.00	0.13	0.00	10.83	179.70
	Critical	14.37	27.96	41.12	30.35	19.41	5.64	0.00	0.00	0.00	0.78	7.46	4.97	152.06

Energy Use (GWh) At Pumping Plant at CVP San Luis: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	19.36	37.83	50.06	27.74	8.18	51.10	0.00	0.00	0.00	0.00	0.00	9.52	203.79
1923	Below Normal	16.38	53.26	47.58	34.38	28.48	18.11	0.00	0.00	0.00	0.00	0.00	13.63	211.82
1924	Critical	24.09	39.53	37.93	46.44	10.24	0.00	0.00	0.00	0.00	0.00	0.00	4.35	162.58
1925	Dry	11.73	2.05	34.23	31.80	20.15	12.72	0.00	0.00	0.00	0.00	0.00	2.52	115.20
1926	Dry	12.55	35.83	39.38	37.77	6.17	0.00	0.00	0.00	0.00	0.00	0.00	9.39	141.09
1927	Wet	11.04	34.82	45.45	25.32	43.48	31.02	0.00	0.00	0.00	0.00	0.00	3.13	194.26
1928	Above Normal	3.21	31.32	56.37	38.18	8.17	41.41	0.00	0.00	0.00	0.00	0.00	9.54	188.20
1929	Critical	5.02	13.37	43.84	33.51	24.13	17.62	0.00	0.00	0.00	0.00	16.41	5.33	159.23
1930	Dry	12.84	19.03	42.34	31.90	27.73	15.16	0.00	0.00	0.00	0.00	0.00	0.00	149.00
1931	Critical	11.31	30.28	38.53	40.83	39.95	0.00	0.00	0.00	0.00	0.00	0.00	5.79	166.69
1932	Dry	12.31	12.32	57.41	48.73	58.44	0.00	0.00	0.00	0.00	0.00	0.00	34.79	224.00
1933	Critical	37.97	43.73	62.05	39.15	1.51	3.71	0.00	0.00	0.00	0.00	24.69	27.89	240.70
1934	Critical	23.18	17.42	38.82	1.65	0.98	0.00	0.00	0.00	0.00	0.00	0.00	3.83	85.88
1935	Below Normal	3.08	23.28	50.75	47.86	32.11	21.34	0.00	0.00	0.00	0.00	0.00	17.55	195.97
1936	Below Normal	26.79	38.00	57.92	24.47	23.46	4.56	0.00	0.00	0.00	0.00	0.00	21.29	196.49
1937	Below Normal	27.22	47.25	58.58	54.12	2.03	3.78	0.00	0.00	0.00	0.00	0.00	23.37	216.35
1938	Wet	15.68	55.70	79.49	21.63	1.85	18.50	0.00	0.00	0.00	0.00	0.00	9.05	201.90
1939	Dry	15.42	0.00	57.31	27.60	27.90	0.34	0.00	0.00	0.00	0.00	0.00	11.11	139.68
1940	Above Normal	13.46	24.13	16.31	20.63	29.60	46.10	0.00	0.00	0.00	0.00	0.00	6.69	156.92
1941	Wet	7.11	16.57	46.30	50.80	58.54	46.53	0.00	0.00	0.00	0.00	0.00	14.45	240.30
1942	Wet	9.45	61.80	54.32	61.11	48.37	42.99	0.00	0.00	0.00	0.00	0.00	10.62	288.66
1943	Wet	11.92	59.77	41.26	52.79	35.29	59.14	0.00	0.00	0.00	0.00	0.00	8.48	268.65
1944	Dry	8.05	35.65	38.65	26.68	21.14	12.02	0.00	0.00	0.00	0.00	0.00	2.49	144.68
1945	Below Normal	10.87	42.72	52.72	47.71	45.12	56.31	0.00	0.00	0.00	0.00	0.00	16.98	272.43
1946	Below Normal	21.35	51.03	66.26	57.01	51.87	26.41	0.00	0.00	0.00	0.00	0.00	17.09	291.02
1947	Dry	28.62	50.55	59.29	54.08	29.50	0.00	0.00	0.00	0.00	0.00	0.00	7.98	230.02
1948	Below Normal	10.55	36.33	39.49	13.94	0.00	14.04	0.00	0.00	0.00	0.00	5.55	17.32	137.22
1949	Dry	28.40	47.33	58.44	44.93	38.73	1.36	0.00	0.00	0.00	0.00	0.00	10.97	230.16
1950	Below Normal	16.13	32.17	43.05	13.41	9.37	27.15	0.00	0.00	0.00	0.00	0.00	15.81	157.09
1951	Above Normal	31.19	51.96	76.60	77.65	1.93	5.30	0.00	0.00	0.00	0.00	0.00	15.33	259.96
1952	Wet	10.47	45.86	47.10	57.05	45.46	37.80	0.00	0.00	0.00	0.00	0.00	10.08	253.82
1953	Wet	3.53	70.94	57.60	14.14	19.79	35.05	0.00	0.00	0.00	0.00	0.00	19.08	220.13
1954	Above Normal	0.00	44.20	51.35	18.09	15.99	27.68	0.00	0.00	0.00	0.00	0.00	13.75	171.06
1955	Dry	8.25	38.30	59.58	46.35	37.85	9.57	0.00	0.00	0.00	0.00	0.00	18.33	218.23
1956	Wet	9.35	39.90	60.92	67.38	80.05	16.10	0.00	0.00	0.00	0.00	0.00	11.61	285.31
1957	Above Normal	10.84	56.73	46.46	27.48	0.00	0.00	0.00	0.00	0.00	0.00	5.03	13.20	159.74
1958	Wet	29.43	51.95	51.07	32.95	53.10	42.27	0.00	0.00	0.00	0.00	0.00	10.05	270.82
1959	Below Normal	11.14	48.70	50.04	4.17	6.21	27.44	0.00	0.00	0.00	0.00	1.13	4.29	153.12
1960	Dry	13.26	26.84	43.04	36.93	14.78	12.37	0.00	0.00	0.00	0.00	0.00	12.22	159.44
1961	Dry	10.72	28.62	57.36	39.73	10.24	26.11	0.00	0.00	0.00	0.00	0.00	15.54	188.32
1962	Below Normal	8.00	25.10	21.10	35.07	21.58	31.63	0.00	0.00	0.00	0.00	0.00	9.77	152.25
1963	Wet	26.55	50.84	46.76	24.77	22.95	32.18	0.00	0.00	0.00	0.00	0.00	0.00	204.05
1964	Dry	11.28	52.35	68.31	45.56	24.30	13.02	0.00	0.00	0.00	0.00	0.00	13.59	228.41
1965	Wet	8.20	18.09	41.65	56.47	42.91	39.70	0.00	0.00	0.00	0.00	0.00	9.86	216.88
1966	Below Normal	4.34	51.34	54.69	41.50	29.46	18.22	0.00	0.00	0.00	0.00	0.00	11.18	210.73
1967	Wet	14.65	31.47	45.27	45.37	33.70	35.38	0.00	0.00	0.00	0.00	0.00	9.85	215.69
1968	Below Normal	15.81	38.82	55.94	26.98	0.00	31.11	0.00	0.00	0.00	0.00	0.51	5.29	174.46
1969	Wet	20.60	40.97	65.19	64.05	81.77	6.00	0.00	15.59	3.47	0.00	0.00	6.91	304.55
1970	Wet	18.62	0.00	51.65	82.45	19.63	5.33	0.00	0.00	0.00	0.00	0.00	7.72	185.40
1971	Wet	9.98	15.64	44.91	31.71	20.72	38.60	0.00	0.00	0.00	0.00	0.67	13.59	175.82
1972	Below Normal	13.28	17.60	59.42	40.65	8.06	6.30	0.00	0.00	0.00	0.00	0.00	9.16	154.47
1973	Above Normal	17.54	49.95	48.83	35.23	52.38	43.66	0.00	0.00	0.00	0.00	0.00	5.63	253.22
1974	Wet	19.05	51.17	62.94	59.70	39.66	44.36	0.00	0.00	0.00	0.00	0.00	10.34	287.22
1975	Wet	21.62	51.22	54.24	29.31	12.82	43.76	0.00	0.00	0.00	0.00	0.00	12.04	225.01
1976	Critical	25.78	37.26	57.00	41.64	46.96	25.39	0.00	0.00	0.00	0.00	0.00	0.00	234.03
1977	Critical	3.15	25.91	27.50	31.29	35.57	0.00	0.00	0.00	0.00	0.00	10.46	0.00	133.88
1978	Above Normal	5.58	5.91	24.00	27.69	51.76	55.77	0.00	0.00	0.00	0.00	0.00	10.04	180.75
1979	Below Normal	13.62	45.41	51.08	39.43	37.53	55.53	0.00	0.00	0.00	0.00	0.00	18.10	260.70
1980	Above Normal	26.99	24.42	63.38	64.71	88.37	5.98	0.00	0.00	0.00	0.00	0.00	0.00	273.85
1981	Dry	11.55	32.53	52.63	27.78	14.07	9.54	0.00	0.00	0.00	0.00	0.00	12.73	160.83
1982	Wet	21.22	44.30	45.35	50.79	56.83	33.62	6.90	0.00	0.00	0.00	0.00	10.03	269.04
1983	Wet	26.55	72.61	131.76	32.60	3.73	6.02	6.82	7.97	9.01	0.00	0.00	45.31	342.38
1984	Wet	6.68	6.82	6.06	6.01	3.71	5.41	0.00	0.00	0.00	0.00	0.00	16.60	51.29
1985	Dry	8.55	48.94	64.03	39.81	28.82	18.34	0.00	0.00	0.00	0.00	0.00	13.56	222.05
1986	Wet	26.34	54.55	57.81	17.98	54.30	50.75	0.00	0.00	0.00	0.00	0.00	0.00	261.73
1987	Dry	2.41	5.48	50.44	31.35	19.77	16.40	0.00	0.00	0.00	0.00	0.00	2.35	128.20
1988	Critical	20.46	26.19	31.67	23.79	0.00	0.00	0.00	0.00	0.00	0.00	14.37	0.00	116.48
1989	Dry	5.00	18.85	36.15	45.46	6.51	0.00	0.00	0.00	0.00	0.00	0.00	12.00	123.97
1990	Critical	7.08	21.14	39.02	33.71	11.63	0.00	0.00	0.00	0.00	0.00	9.38	0.00	121.96
1991	Critical	10.26	18.19	27.13	5.04	14.96	0.00	0.00	0.00	0.00	0.00	3.33	0.00	78.91
1992	Critical	0.52	21.48	12.91	12.55	8.06	13.28	0.00	0.00	0.00	9.34	8.27	0.00	86.41
1993	Above Normal	0.18	15.20	27.37	28.88	42.17	32.30	0.00	0.00	0.00	0.00	0.00	12.13	158.23
1994	Critical	14.16	35.38	55.20	32.59	23.48	6.83	0.00	0.00	0.00	0.00	0.37	8.33	176.34
1995	Wet	3.31	27.70	26.20	22.10	27.09	43.42	0.00	0.00	0.00	0.00	0.00	9.52	159.34
1996	Wet	0.00	22.77	32.20	15.44	33.12	43.71	0.00	0.00	0.00	0.00	0.00	11.70	158.94
1997	Wet	1.79	49.36	54.83	60.62	56.92	37.65	0.00	0.00	0.00	0.00	0.00	11.80	272.97
1998	Wet	5.58	10.78	51.62	22.47	37.76	57.32	0.00	0.00	0.00	0.00	0.00	10.53	196.06
1999	Wet	26.22	49.81	51.86	42.27	38.69	55.23	0.00	0.00	0.00	0.00	0.00	7.31	271.39
2000	Above Normal	0.00	42.71	44.65	16.42	45.99	47.74	0.00	0.00	0.00	0.00	0.00	12.68	210.19
2001	Dry	1.15	37.58	46.55	37.80	20.92	19.58	0.00	0.00	0.00	1.93	0.00	2.93	168.44
2002	Dry	17.31	23.12	47.88	28.15	18.03	13.62	0.00	0.00	0.00	0.00	0.00	7.93	156.04
2003	Above Normal	17.07	30.76	34.18	20.08	27.33	22.40	0.00	0.00	0.00	0.00	0.00	4.29	156.11
	Average	13.55	34.72	48.62	36.04	27.83	22.88	0.17	0.29	0.15	0.14	1.22	10.36	195.96
	Wet	14.04	39.82	52.07	40.28	37.39	34.92	0.53	0.91	0.48	0.00	0.03	11.14	231.60
	Above Normal	12.12	34.59	44.96	33.57	30.99	31.62	0.00	0.00	0.00	0.00	0.42	9.40	197.67
	Below Normal	14.18	39.36	50.62	34.34	21.09	24.42	0.00	0.00	0.00	0.00	0.51	14.35	198.87
	Dry	12.19	28.63	50.72	37.91	23.61	10.01	0.00	0.00	0.00	0.11	0.00	10.58	173.76
	Critical	15.25	27.49	39.30	28.52	18.12	5.57	0.00	0.00	0.00	0.78	7.27	4.63	146.92

Difference in Energy Use (GWh) At Pumping Plant at CVP San Luis: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	(0.10)	(1.58)	(1.14)	0.00	0.00	0.00	0.00	0.00	(2.76)	(0.47)
1923	Below Normal	(1.04)	12.01	(3.27)	(3.83)	(6.37)	(1.24)	0.00	0.00	0.00	0.00	0.00	(2.31)	(0.50)
1924	Critical	(6.25)	(10.14)	(11.08)	5.31	(0.43)	0.00	0.00	0.00	0.00	0.00	0.00	(0.71)	(1.94)
1925	Dry	(2.11)	(0.82)	(19.97)	(14.22)	(5.09)	(2.21)	0.00	0.00	0.00	0.00	0.00	(1.03)	(3.79)
1926	Dry	(4.18)	(4.96)	(2.40)	(1.97)	1.17	0.00	0.00	0.00	0.00	0.00	0.00	(1.58)	(1.16)
1927	Wet	(2.83)	(15.13)	(5.35)	(4.24)	(7.45)	(3.84)	0.00	0.00	0.00	0.00	0.00	(1.34)	(3.35)
1928	Above Normal	(0.52)	(9.17)	(4.92)	(3.51)	(0.41)	(4.37)	0.00	0.00	0.00	0.00	0.00	(2.14)	(2.09)
1929	Critical	(1.75)	(4.39)	(12.94)	(2.38)	(1.54)	(0.81)	0.00	0.00	0.00	0.00	(1.70)	0.01	(2.13)
1930	Dry	(0.16)	(1.25)	(0.91)	(1.50)	(1.51)	(0.87)	0.00	0.00	0.00	0.00	0.00	0.00	(0.52)
1931	Critical	(0.32)	(1.04)	(1.46)	(1.67)	(1.71)	0.00	0.00	0.00	0.00	0.00	0.00	(0.11)	(0.53)
1932	Dry	(0.03)	(0.75)	(4.85)	(1.81)	(2.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.34	(0.76)
1933	Critical	17.96	13.03	1.07	(23.14)	(11.57)	0.06	0.00	0.00	0.00	0.00	(0.80)	(3.37)	(0.56)
1934	Critical	1.31	(3.00)	2.83	(0.07)	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.09
1935	Below Normal	(6.07)	(0.12)	0.40	0.34	0.34	0.10	0.00	0.00	0.00	0.00	0.00	(0.70)	(0.48)
1936	Below Normal	(0.17)	(0.33)	(0.52)	(0.12)	7.61	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.44)	0.50
1937	Below Normal	(0.60)	(1.07)	(1.31)	24.00	(0.02)	0.00	(0.92)	0.00	0.00	0.00	0.00	(0.76)	1.61
1938	Wet	(0.51)	(2.03)	19.04	18.43	(0.01)	12.57	0.00	(15.67)	0.00	0.00	0.00	(0.48)	2.61
1939	Dry	(0.27)	0.00	(3.70)	(1.03)	(1.04)	0.34	0.00	0.00	0.00	0.00	0.00	(0.47)	(0.51)
1940	Above Normal	3.94	0.49	0.57	1.20	1.48	(0.25)	0.00	0.00	0.00	0.00	0.00	3.95	0.95
1941	Wet	(0.17)	(2.11)	(0.82)	(0.86)	(1.50)	(1.34)	0.00	0.00	0.00	0.00	0.00	0.27	(0.54)
1942	Wet	0.42	0.87	0.15	0.19	(2.60)	(0.38)	0.00	0.00	0.00	0.00	0.00	0.02	(0.11)
1943	Wet	0.04	0.07	0.21	(0.19)	(5.11)	(4.00)	0.00	0.00	0.00	0.00	0.00	(0.66)	(0.80)
1944	Dry	(0.33)	4.09	(6.05)	(0.22)	0.01	0.17	0.00	0.00	0.00	0.00	0.00	0.00	(0.19)
1945	Below Normal	0.11	0.47	0.26	0.38	(17.29)	7.22	0.00	0.00	0.00	0.00	0.00	0.42	(0.70)
1946	Below Normal	(5.03)	0.02	0.09	(3.98)	0.32	0.40	0.00	0.00	0.00	0.00	0.00	0.31	(0.66)
1947	Dry	0.20	0.18	0.23	0.50	0.10	0.00	0.00	0.00	0.00	0.00	0.00	(0.27)	0.08
1948	Below Normal	(0.01)	(0.27)	(0.13)	(0.11)	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.02	(0.03)
1949	Dry	0.00	0.02	0.01	0.06	0.07	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.03)	0.01
1950	Below Normal	(0.05)	(0.13)	(0.25)	(0.04)	(0.04)	0.01	0.00	0.00	0.00	0.00	0.00	0.01	(0.04)
1951	Above Normal	0.01	0.01	0.02	(0.14)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1952	Wet	0.00	0.00	0.00	(0.65)	(0.35)	(11.42)	0.00	0.00	0.00	0.00	0.00	(0.32)	(1.06)
1953	Wet	(0.82)	25.07	0.14	(8.88)	(0.57)	0.19	0.00	0.00	0.00	0.00	0.00	1.36	1.37
1954	Above Normal	0.00	(0.83)	0.92	0.82	0.85	0.07	0.00	0.00	0.00	0.00	0.00	(0.08)	0.15
1955	Dry	0.04	(0.10)	(0.14)	(0.22)	(0.24)	0.03	0.00	0.00	0.00	0.00	0.00	(0.46)	(0.09)
1956	Wet	(0.02)	0.09	(4.96)	(6.07)	1.28	10.06	0.00	0.00	0.00	0.00	0.00	0.00	0.03
1957	Above Normal	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1958	Wet	0.02	0.00	(0.01)	(0.01)	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.48	0.04
1959	Below Normal	0.25	2.18	(0.13)	0.79	0.87	1.89	0.00	0.00	0.00	0.00	0.13	(0.13)	0.49
1960	Dry	0.13	0.23	0.07	0.14	0.13	0.03	0.00	0.00	0.00	0.00	0.00	0.02	0.06
1961	Dry	0.01	0.15	0.13	0.11	0.00	0.05	0.00	0.00	0.00	0.00	0.00	(0.01)	0.04
1962	Below Normal	0.00	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	(0.01)	0.00	0.00	(2.44)	0.09	0.00	0.00	0.00	0.00	0.00	0.00	(0.20)
1964	Dry	0.28	0.06	0.11	0.20	0.23	(0.05)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.07
1965	Wet	(0.01)	0.01	0.05	(4.32)	(8.16)	(0.23)	0.00	0.00	0.00	0.00	0.00	0.50	(1.01)
1966	Below Normal	0.36	(0.90)	0.54	0.48	1.06	(0.14)	0.00	0.00	0.00	0.00	0.00	(0.46)	0.08
1967	Wet	0.08	0.10	0.15	0.30	(2.04)	(1.49)	0.00	0.00	0.00	0.00	0.00	0.21	(0.22)
1968	Below Normal	(1.66)	21.46	(0.77)	(0.35)	0.00	(0.37)	0.00	0.00	0.00	0.00	0.02	(0.21)	1.51
1969	Wet	(2.71)	(0.12)	(1.04)	(11.68)	9.58	0.00	(6.35)	6.73	0.52	0.00	0.00	3.73	(0.11)
1970	Wet	(0.05)	0.00	0.23	1.08	(5.22)	0.00	0.00	0.00	0.00	0.00	0.00	(0.14)	(0.34)
1971	Wet	0.00	(0.04)	(0.05)	(0.04)	(0.02)	(0.04)	0.00	0.00	0.00	0.00	0.01	0.02	(0.01)
1972	Below Normal	0.01	0.01	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1973	Above Normal	(0.01)	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	5.63	0.47
1974	Wet	(10.71)	(0.65)	(0.85)	(10.52)	(2.18)	21.84	0.00	0.00	0.00	0.00	0.00	0.17	(0.24)
1975	Wet	0.30	(0.91)	0.50	0.85	0.93	0.18	0.00	0.00	0.00	0.00	0.00	(0.05)	0.15
1976	Critical	0.01	0.27	(0.07)	(0.18)	(0.23)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1977	Critical	(0.35)	0.00	0.03	0.08	(0.04)	0.00	0.00	0.00	0.00	0.00	(0.12)	0.00	(0.03)
1978	Above Normal	0.04	(0.12)	0.02	(0.06)	(8.55)	(3.62)	0.00	0.00	0.00	0.00	0.00	(0.73)	(1.09)
1979	Below Normal	(0.11)	10.02	(1.39)	(0.90)	0.35	(4.42)	0.00	0.00	0.00	0.00	0.00	(0.17)	0.28
1980	Above Normal	(3.01)	0.12	0.34	(8.13)	26.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.32
1981	Dry	(3.08)	(20.65)	1.32	0.99	0.64	(7.59)	0.00	0.00	0.00	0.00	0.00	(0.67)	(2.42)
1982	Wet	0.12	(0.08)	0.25	0.53	(9.66)	8.95	0.00	0.00	0.00	0.00	0.00	(0.22)	(0.01)
1983	Wet	(17.08)	(18.03)	14.51	26.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	(7.52)	5.90	0.00	0.00	0.00	0.00	0.00	0.00	(0.14)
1987	Dry	0.00	4.80	(0.60)	(0.36)	(0.23)	(0.06)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.30
1988	Critical	(0.03)	(0.08)	(0.12)	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	(0.01)
1989	Dry	0.04	0.05	0.09	0.10	0.09	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.03
1990	Critical	(0.01)	(0.06)	(0.13)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	(0.01)
1991	Critical	(0.01)	0.00	(0.06)	(0.01)	(0.03)	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.01
1992	Critical	(0.01)	0.02	0.01	(0.15)	(0.01)	(0.04)	0.00	0.00	0.00	0.00	0.03	0.00	(0.01)
1993	Above Normal	0.00	(0.01)	(0.01)	(0.07)	(0.90)	(0.53)	0.00	0.00	0.00	0.00	0.00	0.04	(0.12)
1994	Critical	0.01	(0.20)	0.03	0.09	0.13	(0.02)	0.00	0.00	0.00	0.00	0.00	0.02	0.01
1995	Wet	0.01	0.01	(0.01)	(0.03)	(4.87)	(9.64)	0.00	(15.39)	0.00	0.00	0.00	(1.36)	(2.61)
1996	Wet	0.00	16.23	(6.38)	0.58	(1.10)	(11.56)	0.00	0.00	0.00	0.00	0.00	0.50	(0.14)
1997	Wet	(0.60)	0.01	(2.21)	1.09	1.44	0.21	0.00	0.00	0.00	0.00	0.00	0.58	0.04
1998	Wet	1.77	(1.75)	0.13	0.21	(7.03)	(1.21)	0.00	0.00	0.00	0.00	0.00	0.80	(0.59)
1999	Wet	0.66	0.19	0.40	0.92	4.21	(0.06)	0.00	0.00	0.00	0.00	0.00	(1.20)	0.43
2000	Above Normal	0.00	0.26	(0.04)	(0.19)	(0.33)	(0.17)	0.00	0.00	0.00	0.00	0.00	(0.10)	(0.05)
2001	Dry	(0.05)	(0.42)	1.37	(0.10)	(0.01)	(0.03)	0.00	0.00	0.00	(0.38)	0.00	(0.01)	0.03
2002	Dry	(0.08)	(0.15)	(0.08)	(0.07)	(0.07)	(0.02)	0.00	0.00	0.00	0.00	0.00	(0.27)	(0.06)
2003	Above Normal	0.03	0.05	0.05	0.02	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.05	0.02
	Average	(0.54)	0.13	(0.64)	(0.39)	(0.85)	(0.03)	(0.09)	(0.30)	0.01	(0.00)	(0.02)	(0.08)	(0.23)
	Wet	(1.23)	0.07	0.54	0.13	(1.94)	0.57	(0.24)	(0.94)	0.02	0.00	0.00	0.11	(0.24)
	Above Normal	0.04	(0.77)	(0.25)	(0.85)	1.43	(0.83)	0.00	0.00	0.00	0.00	0.00	0.32	(0.08)
	Below Normal	(1.00)	3.10	(0.46)	1.19	(0.94)	0.25	(0.07)	0.00	0.00	0.00	0.02	(0.32)	0.15
	Dry	(0.53)	(1.08)	(1.97)	(1.08)	(0.43)	(0.57)	0.00	0.00	0.00	(0.02)	0.00	(0.25)	(0.49)
	Critical	0.88	(0.47)	(1.82)	(1.84)	(1.29)	(0.07)	0.00	0.00	0.00	0.00	(0.19)	(0.34)	(0.43)

Percent Difference in Energy Use (GWh) At Pumping Plant at CVP San Luis: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	-16%	-2%	0%	0%	0%	0%	0%	-22%
1923	Below Normal	-6%	29%	-6%	-10%	-18%	-6%	0%	0%	0%	0%	0%	-14%
1924	Critical	-21%	-20%	-23%	13%	-4%	0%	0%	0%	0%	0%	0%	-14%
1925	Dry	-15%	-29%	-37%	-31%	-20%	-15%	0%	0%	0%	0%	0%	-29%
1926	Dry	-25%	-12%	-6%	-5%	23%	0%	0%	0%	0%	0%	0%	-14%
1927	Wet	-20%	-30%	-11%	-14%	-15%	-11%	0%	0%	0%	0%	0%	-30%
1928	Above Normal	-14%	-23%	-8%	-8%	-5%	-10%	0%	0%	0%	0%	0%	-18%
1929	Critical	-26%	-25%	-23%	-7%	-6%	-4%	0%	0%	0%	0%	-9%	0%
1930	Dry	-1%	-6%	-2%	-4%	-5%	-5%	0%	0%	0%	0%	0%	0%
1931	Critical	-3%	-3%	-4%	-4%	-4%	0%	0%	0%	0%	0%	0%	-2%
1932	Dry	0%	-6%	-8%	-4%	-3%	0%	0%	0%	0%	0%	0%	1%
1933	Critical	90%	42%	2%	-37%	-88%	2%	0%	0%	0%	0%	-3%	-11%
1934	Critical	6%	-15%	8%	-4%	-4%	0%	0%	0%	0%	0%	0%	2%
1935	Below Normal	-66%	-1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	-4%
1936	Below Normal	-1%	-1%	-1%	0%	48%	0%	0%	0%	0%	0%	0%	-2%
1937	Below Normal	-2%	-2%	-2%	80%	-1%	0%	-100%	0%	0%	0%	0%	-3%
1938	Wet	-3%	-4%	31%	576%	-1%	212%	0%	-100%	0%	0%	0%	-5%
1939	Dry	-2%	0%	-6%	-4%	-4%	-	0%	0%	0%	0%	0%	-4%
1940	Above Normal	41%	2%	4%	6%	5%	-1%	0%	0%	0%	0%	0%	144%
1941	Wet	-2%	-11%	-2%	-2%	-2%	-3%	0%	0%	0%	0%	0%	2%
1942	Wet	5%	1%	0%	0%	-5%	-1%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	1%	0%	-13%	-6%	0%	0%	0%	0%	0%	-7%
1944	Dry	-4%	13%	-14%	-1%	0%	1%	0%	0%	0%	0%	0%	0%
1945	Below Normal	1%	1%	0%	1%	-28%	15%	0%	0%	0%	0%	0%	3%
1946	Below Normal	-19%	0%	0%	-7%	1%	2%	0%	0%	0%	0%	0%	2%
1947	Dry	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	-3%
1948	Below Normal	0%	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	2%	0%
1949	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-1%	-1%	-23%	0%	0%	0%	0%	0%	-3%
1953	Wet	-19%	55%	0%	-39%	-3%	1%	0%	0%	0%	0%	0%	8%
1954	Above Normal	0%	-2%	2%	5%	6%	0%	0%	0%	0%	0%	0%	-1%
1955	Dry	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	-2%
1956	Wet	0%	0%	-8%	-8%	2%	167%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%
1959	Below Normal	2%	5%	0%	23%	16%	7%	0%	0%	0%	0%	13%	-3%
1960	Dry	1%	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	-10%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	3%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	-7%	-16%	-1%	0%	0%	0%	0%	0%	5%
1966	Below Normal	9%	-2%	1%	1%	4%	-1%	0%	0%	0%	0%	0%	-4%
1967	Wet	1%	0%	0%	1%	-6%	-4%	0%	0%	0%	0%	0%	2%
1968	Below Normal	-10%	124%	-1%	-1%	0%	-1%	0%	0%	0%	0%	4%	-4%
1969	Wet	-12%	0%	-2%	-15%	13%	0%	-100%	76%	18%	0%	0%	117%
1970	Wet	0%	0%	0%	1%	-21%	0%	0%	0%	0%	0%	0%	-2%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-
1974	Wet	-36%	-1%	-1%	-15%	-5%	97%	0%	0%	0%	0%	0%	2%
1975	Wet	1%	-2%	1%	3%	8%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	-10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1978	Above Normal	1%	-2%	0%	0%	-14%	-6%	0%	0%	0%	0%	0%	-7%
1979	Below Normal	-1%	28%	-3%	-2%	1%	-7%	0%	0%	0%	0%	0%	-1%
1980	Above Normal	-10%	0%	1%	-11%	43%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	-21%	-39%	3%	4%	5%	-44%	0%	0%	0%	0%	0%	-5%
1982	Wet	1%	0%	1%	1%	-15%	36%	0%	0%	0%	0%	0%	-2%
1983	Wet	-39%	-20%	12%	443%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-12%	13%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	706%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1989	Dry	1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%	0%
1992	Critical	-2%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	-1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	-15%	-18%	0%	-100%	0%	0%	0%	-13%
1996	Wet	0%	248%	-17%	4%	-3%	-21%	0%	0%	0%	0%	0%	4%
1997	Wet	-25%	0%	-4%	2%	3%	1%	0%	0%	0%	0%	0%	5%
1998	Wet	46%	-14%	0%	1%	-16%	-2%	0%	0%	0%	0%	0%	8%
1999	Wet	3%	0%	1%	2%	12%	0%	0%	0%	0%	0%	0%	-14%
2000	Above Normal	0%	1%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	-1%
2001	Dry	-4%	-1%	3%	0%	0%	0%	0%	0%	0%	-16%	0%	0%
2002	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
	Average	-3%	12%	-1%	11%	-2%	4%	-2%	-2%	0%	0%	0%	1%
	Wet	-4%	9%	0%	36%	-5%	17%	-4%	-5%	1%	0%	0%	3%
	Above Normal	2%	-2%	0%	-1%	1%	-2%	0%	0%	0%	0%	0%	8%
	Below Normal	-7%	13%	-1%	6%	2%	1%	-7%	0%	0%	0%	1%	-2%
	Dry	-4%	35%	-4%	-2%	0%	-4%	0%	0%	0%	-1%	0%	-3%
	Critical	3%	-2%	-3%	-3%	-9%	0%	0%	0%	0%	0%	-1%	-2%

Energy Use (GWh) At Pumping Plant at DMC Intertie: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.55	0.85	0.97	0.00	0.00	0.55	0.00	0.00	0.15	0.02	0.14	0.31	3.54
1923	Below Normal	0.00	0.02	0.12	0.00	0.43	0.00	0.00	0.00	0.00	0.25	0.00	0.51	1.33
1924	Critical	0.80	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.70
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	1.17
1928	Above Normal	0.00	0.00	0.99	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.31	0.00	1.39
1929	Critical	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00	1.92
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	1.74
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.07	0.58
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.37
1936	Below Normal	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.62
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.63
1938	Wet	0.00	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.07	0.00	1.10
1939	Dry	0.00	0.00	0.97	0.00	0.16	0.00	0.00	0.00	0.00	0.31	0.00	0.00	1.44
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.91
1941	Wet	0.00	0.00	0.08	0.00	0.86	0.81	0.00	0.00	0.00	0.06	0.17	0.32	2.30
1942	Wet	0.00	0.88	0.00	0.97	0.83	0.79	0.00	0.00	0.00	0.02	0.14	0.31	3.94
1943	Wet	0.00	0.87	0.00	0.97	0.83	0.78	0.00	0.00	0.00	0.02	0.14	0.31	3.92
1944	Dry	0.00	0.59	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71
1945	Below Normal	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.24	0.36	1.70
1946	Below Normal	0.31	0.90	0.99	0.00	0.85	0.00	0.00	0.00	0.00	0.16	0.25	0.36	3.82
1947	Dry	0.62	0.90	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	2.04
1948	Below Normal	0.00	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.74	1.77
1949	Dry	0.91	0.50	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.37	2.11
1950	Below Normal	0.00	0.90	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	2.47
1951	Above Normal	0.84	0.93	1.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.36	3.53
1952	Wet	0.00	0.70	0.00	0.97	0.00	0.76	0.00	0.00	0.09	0.00	0.07	0.28	2.87
1953	Wet	0.00	0.53	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.33	0.55	2.65
1954	Above Normal	0.00	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.57	1.45
1955	Dry	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.52	2.52
1956	Wet	0.00	0.00	1.00	0.99	0.89	0.00	0.00	0.00	0.00	0.05	0.16	0.32	3.41
1957	Above Normal	0.00	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.00	1.29
1958	Wet	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.08	0.28	2.30
1959	Below Normal	0.00	0.85	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.37	0.00	2.10
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.14
1961	Dry	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.52	1.77
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.32	0.00	0.57
1963	Wet	0.80	0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.31	0.00	2.27
1964	Dry	0.00	0.92	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.32	0.52	3.02
1965	Wet	0.00	0.00	0.00	0.99	0.31	0.00	0.00	0.00	0.00	0.06	0.17	0.32	1.85
1966	Below Normal	0.00	0.88	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.31	0.08	2.49
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.09	0.00	0.07	0.19	0.80
1968	Below Normal	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.37	0.00	1.66
1969	Wet	0.00	0.00	1.00	0.56	0.64	0.00	0.00	0.00	0.09	0.00	0.07	0.00	2.36
1970	Wet	0.00	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	1.20
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.37	0.00	0.69
1972	Below Normal	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.34	0.00	1.58
1973	Above Normal	0.00	0.93	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.19	0.27	0.00	1.72
1974	Wet	0.76	0.91	0.51	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.30	3.14
1975	Wet	0.02	0.86	0.98	0.00	0.00	0.85	0.00	0.00	0.00	0.16	0.25	0.36	3.48
1976	Critical	0.73	0.00	0.99	0.00	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.60
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.89	0.82	0.00	0.00	0.12	0.00	0.10	0.29	2.22
1979	Below Normal	0.00	0.00	0.44	0.00	0.82	0.89	0.00	0.00	0.00	0.20	0.28	0.42	3.05
1980	Above Normal	0.76	0.00	0.99	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	2.85
1981	Dry	0.00	0.86	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.57	2.69
1982	Wet	0.73	0.93	0.00	0.00	0.86	0.00	0.00	0.00	0.09	0.00	0.07	0.28	2.96
1983	Wet	0.55	0.85	0.97	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.07	0.28	2.81
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.24	0.36	0.76
1985	Dry	0.00	0.90	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.35	2.48
1986	Wet	0.66	0.92	0.15	0.00	0.86	0.00	0.00	0.00	0.00	0.12	0.22	0.00	2.93
1987	Dry	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.34
1988	Critical	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.00	1.19
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.06	0.38
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.34	0.00	0.69
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.27	0.41	0.87
1994	Critical	0.00	0.57	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	1.75
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.78	0.00	0.00	0.11	0.00	0.10	0.29	1.28
1996	Wet	0.00	0.00	0.00	0.00	0.85	0.83	0.00	0.00	0.00	0.10	0.20	0.34	2.32
1997	Wet	0.00	0.89	0.98	0.97	0.84	0.00	0.00	0.00	0.00	0.00	0.16	0.32	4.16
1998	Wet	0.00	0.00	0.98	0.00	0.83	0.76	0.00	0.00	0.09	0.00	0.08	0.28	3.02
1999	Wet	0.55	0.85	0.00	0.00	0.81	0.89	0.00	0.00	0.00	0.22	0.29	0.00	3.61
2000	Above Normal	0.00	0.91	0.00	0.00	0.89	0.88	0.00	0.00	0.00	0.00	0.29	0.45	3.42
2001	Dry	0.00	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	1.20
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.36	0.00	0.67
2003	Above Normal	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.31	0.00	0.91
	Average	0.14	0.38	0.35	0.11	0.18	0.14	0.00	0.00	0.01	0.10	0.16	0.20	1.77
	Wet	0.19	0.50	0.29	0.30	0.36	0.30	0.00	0.00	0.03	0.08	0.16	0.22	2.43
	Above Normal	0.18	0.45	0.33	0.10	0.18	0.27	0.00	0.00	0.02	0.05	0.23	0.20	2.01
	Below Normal	0.02	0.36	0.44	0.00	0.15	0.06	0.00	0.00	0.00	0.15	0.21	0.33	1.73
	Dry	0.09	0.35	0.43	0.00	0.01	0.00	0.00	0.00	0.00	0.17	0.04	0.21	1.29
	Critical	0.19	0.12	0.25	0.00	0.07	0.00	0.00	0.00	0.00	0.05	0.19	0.01	0.87

Energy Use (GWh) At Pumping Plant at DMC Intertie: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.55	0.85	0.97	0.00	0.00	0.57	0.00	0.00	0.15	0.02	0.14	0.31	3.56
1923	Below Normal	0.00	0.87	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.52	1.77
1924	Critical	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
1927	Wet	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	1.17
1928	Above Normal	0.00	0.00	0.99	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.31	0.00	1.38
1929	Critical	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00	1.92
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	1.74
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.31
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.37
1936	Below Normal	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.62
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.63
1938	Wet	0.00	0.94	1.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.07	0.00	2.10
1939	Dry	0.00	0.00	0.97	0.00	0.16	0.00	0.00	0.00	0.00	0.33	0.00	0.00	1.46
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.31	0.00	1.21
1941	Wet	0.00	0.00	0.08	0.00	0.86	0.81	0.00	0.00	0.00	0.06	0.17	0.33	2.31
1942	Wet	0.00	0.88	0.00	0.97	0.83	0.79	0.00	0.00	0.00	0.02	0.14	0.31	3.94
1943	Wet	0.00	0.87	0.00	0.97	0.83	0.78	0.00	0.00	0.00	0.03	0.15	0.31	3.94
1944	Dry	0.00	0.87	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97
1945	Below Normal	0.00	0.95	0.00	0.00	0.00	0.88	0.00	0.00	0.00	0.17	0.25	0.37	2.62
1946	Below Normal	0.00	0.90	0.99	0.00	0.85	0.00	0.00	0.00	0.00	0.17	0.25	0.38	3.54
1947	Dry	0.63	0.90	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	2.05
1948	Below Normal	0.00	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.74	1.78
1949	Dry	0.91	0.50	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.37	2.09
1950	Below Normal	0.00	0.90	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	2.47
1951	Above Normal	0.84	0.93	1.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.36	3.51
1952	Wet	0.00	0.70	0.00	0.88	0.00	0.76	0.00	0.00	0.09	0.00	0.07	0.28	2.78
1953	Wet	0.00	0.85	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.34	0.57	3.02
1954	Above Normal	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.57	1.21
1955	Dry	0.00	0.76	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.52	2.53
1956	Wet	0.00	0.00	1.00	0.99	0.89	0.00	0.00	0.00	0.00	0.05	0.16	0.32	3.41
1957	Above Normal	0.00	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.00	1.29
1958	Wet	0.90	0.95	0.00	0.00	0.00	0.65	0.00	0.00	0.10	0.00	0.09	0.28	2.97
1959	Below Normal	0.00	0.85	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.37	0.00	2.10
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.14
1961	Dry	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.52	1.77
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.32	0.00	0.57
1963	Wet	0.80	0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.31	0.00	2.27
1964	Dry	0.00	0.92	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.32	0.52	3.01
1965	Wet	0.00	0.00	0.00	0.99	0.31	0.00	0.00	0.00	0.00	0.08	0.19	0.33	1.90
1966	Below Normal	0.00	0.88	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.31	0.00	2.41
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.09	0.00	0.07	0.28	0.89
1968	Below Normal	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.37	0.00	1.66
1969	Wet	0.00	0.00	1.00	0.00	0.87	0.00	0.00	0.00	0.09	0.00	0.07	0.00	2.03
1970	Wet	0.00	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	1.20
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.37	0.00	0.69
1972	Below Normal	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.34	0.00	1.58
1973	Above Normal	0.00	0.93	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.19	0.27	0.00	1.72
1974	Wet	0.00	0.91	0.51	0.03	0.00	0.79	0.00	0.00	0.00	0.02	0.14	0.31	2.71
1975	Wet	0.02	0.87	0.98	0.00	0.00	0.84	0.00	0.00	0.00	0.15	0.24	0.36	3.46
1976	Critical	0.73	0.00	0.99	0.00	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.60
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.26	0.41	0.00	0.00	0.00	0.00	0.13	0.30	1.10
1979	Below Normal	0.00	0.86	0.46	0.00	0.82	0.89	0.00	0.00	0.00	0.20	0.28	0.42	3.93
1980	Above Normal	0.27	0.00	0.99	0.06	0.89	0.00	0.00	0.00	0.00	0.00	0.12	0.00	2.33
1981	Dry	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.34	1.62
1982	Wet	0.73	0.93	0.00	0.00	0.87	0.00	0.00	0.00	0.09	0.00	0.07	0.28	2.97
1983	Wet	0.55	0.85	0.97	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.07	0.28	2.81
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.24	0.36	0.76
1985	Dry	0.00	0.90	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.35	2.48
1986	Wet	0.66	0.92	0.15	0.00	0.86	0.00	0.00	0.00	0.00	0.12	0.22	0.00	2.93
1987	Dry	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25
1988	Critical	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	1.18
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.06	0.38
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.34	0.00	0.69
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.27	0.41	0.87
1994	Critical	0.00	0.54	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	1.72
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.78	0.00	0.00	0.14	0.00	0.12	0.30	1.34
1996	Wet	0.00	0.00	0.00	0.00	0.86	0.83	0.00	0.00	0.00	0.12	0.22	0.35	2.38
1997	Wet	0.00	0.89	0.99	0.98	0.84	0.00	0.00	0.00	0.00	0.00	0.17	0.32	4.19
1998	Wet	0.00	0.00	0.98	0.00	0.83	0.76	0.00	0.00	0.10	0.00	0.09	0.28	3.04
1999	Wet	0.57	0.85	0.00	0.00	0.82	0.88	0.00	0.00	0.00	0.21	0.29	0.00	3.62
2000	Above Normal	0.00	0.91	0.00	0.00	0.89	0.88	0.00	0.00	0.00	0.00	0.29	0.45	3.42
2001	Dry	0.00	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	1.20
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.36	0.00	0.67
2003	Above Normal	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.31	0.00	0.91
	Average	0.12	0.39	0.36	0.09	0.18	0.17	0.00	0.00	0.01	0.10	0.16	0.20	1.77
	Wet	0.16	0.51	0.33	0.26	0.37	0.35	0.00	0.00	0.03	0.08	0.17	0.23	2.49
	Above Normal	0.14	0.43	0.33	0.02	0.20	0.24	0.00	0.00	0.01	0.05	0.26	0.20	1.88
	Below Normal	0.00	0.49	0.44	0.00	0.12	0.13	0.00	0.00	0.00	0.15	0.21	0.33	1.86
	Dry	0.09	0.33	0.43	0.00	0.01	0.00	0.00	0.00	0.00	0.16	0.04	0.20	1.25
	Critical	0.19	0.05	0.25	0.00	0.07	0.00	0.00	0.00	0.00	0.05	0.17	0.00	0.77

Difference in Energy Use (GWh) At Pumping Plant at DMC Intertie: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.85	0.00	0.00	(0.43)	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.04
1924	Critical	0.00	(0.90)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1927	Wet	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.20)	(0.07)	(0.02)
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.31	0.00	0.03
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
1944	Dry	0.00	0.28	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.88	0.00	0.00	0.00	0.02	0.01	0.01	0.08
1946	Below Normal	(0.31)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02	(0.02)
1947	Dry	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1949	Dry	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	(0.09)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1953	Wet	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.02	0.03
1954	Above Normal	0.00	(0.24)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1955	Dry	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.65	0.00	0.00	0.01	0.00	0.01	0.00	0.06
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.01	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)	(0.01)
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.01
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	(0.56)	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	(0.76)	0.00	0.00	(0.50)	0.00	0.79	0.00	0.00	0.00	0.02	0.01	0.01	(0.04)
1975	Wet	0.00	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	(0.63)	(0.41)	0.00	0.00	(0.12)	0.00	0.03	0.01	(0.09)
1979	Below Normal	0.00	0.86	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
1980	Above Normal	(0.49)	0.00	0.00	(0.92)	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1981	Dry	0.00	(0.86)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	(0.23)	(0.09)
1982	Wet	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	0.00	0.00	(0.01)
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.02	0.01	0.01
1996	Wet	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.02	0.02	0.01	0.00
1997	Wet	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00
1999	Wet	0.02	0.00	0.00	0.00	0.01	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	(0.02)	0.00	0.01	(0.03)	0.00	0.02	0.00	0.00	(0.00)	0.00	0.00	(0.00)	(0.00)
	Wet	(0.03)	0.01	0.04	(0.04)	0.01	0.05	0.00	0.00	0.00	0.00	0.00	0.01	0.00
	Above Normal	(0.04)	(0.02)	0.00	(0.08)	0.02	(0.03)	0.00	0.00	(0.01)	0.00	0.03	0.00	(0.01)
	Below Normal	(0.02)	0.12	0.00	0.00	(0.03)	0.06	0.00	0.00	0.00	0.00	0.00	(0.00)	0.01
	Dry	0.00	(0.03)	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00	(0.01)	(0.00)
	Critical	0.00	(0.08)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.01)	(0.01)

Percent Difference in Energy Use (GWh) At Pumping Plant at DMC Intertie: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	>1,000%	0%	0%	-100%	0%	0%	0%	0%	4%	0%	2%
1924	Critical	0%	-100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	-	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	-11%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-39%	-100%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	-	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	7%	0%
1944	Dry	0%	47%	-17%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	-	0%	0%	0%	13%	4%	3%
1946	Below Normal	-100%	0%	0%	0%	0%	0%	0%	0%	0%	6%	0%	6%
1947	Dry	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1949	Dry	0%	0%	-6%	0%	0%	0%	0%	0%	0%	-6%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	-13%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-9%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	60%	0%	0%	0%	0%	0%	0%	0%	7%	3%	4%
1954	Above Normal	0%	-44%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	-	0%	0%	11%	0%	13%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-4%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	33%	12%	3%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-100%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	47%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-100%	36%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	-100%	0%	0%	-94%	0%	-	0%	0%	0%	-	8%	3%
1975	Wet	0%	1%	0%	0%	0%	-1%	0%	0%	0%	-6%	-4%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	-71%	-50%	0%	0%	-100%	0%	30%	3%
1979	Below Normal	0%	-	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-64%	0%	0%	-94%	-	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	-100%	0%	0%	0%	0%	0%	0%	0%	7%	0%	-40%
1982	Wet	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	-7%	0%	0%	0%	0%	0%	0%	-100%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	27%	0%	20%	3%
1996	Wet	0%	0%	0%	0%	1%	0%	0%	0%	0%	20%	10%	3%
1997	Wet	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	6%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	11%	0%	13%	0%
1999	Wet	4%	0%	0%	0%	1%	-1%	0%	0%	0%	-5%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-3%	-2%	0%	-4%	-2%	-1%	0%	0%	-1%	0%	1%	-2%
	Wet	-4%	2%	0%	-8%	2%	0%	0%	0%	2%	4%	3%	3%
	Above Normal	-5%	-4%	0%	-9%	-6%	-5%	0%	0%	-8%	0%	3%	0%
	Below Normal	-7%	0%	0%	0%	-7%	0%	0%	0%	0%	2%	0%	-6%
	Dry	0%	-3%	-2%	0%	0%	0%	0%	0%	0%	-5%	0%	-2%
	Critical	0%	-9%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	-8%

Energy Use (GWh) At Pumping Plant at DMC Other: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.07	0.03	0.02	0.01	0.02	0.02	0.02	0.02	0.08	0.10	0.10	0.08	0.57
1923	Below Normal	0.07	0.03	0.02	0.00	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1924	Critical	0.07	0.03	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.53
1925	Dry	0.05	0.02	0.01	0.01	0.01	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.60
1926	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1927	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1928	Above Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1929	Critical	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.07	0.63
1930	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.65
1931	Critical	0.07	0.03	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.53
1932	Dry	0.05	0.02	0.01	0.01	0.01	0.03	0.03	0.05	0.07	0.07	0.07	0.06	0.48
1933	Critical	0.05	0.02	0.01	0.01	0.02	0.03	0.03	0.05	0.07	0.07	0.07	0.06	0.49
1934	Critical	0.05	0.02	0.01	0.01	0.01	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.49
1935	Below Normal	0.05	0.02	0.01	0.01	0.01	0.04	0.04	0.07	0.08	0.09	0.09	0.08	0.59
1936	Below Normal	0.07	0.03	0.01	0.01	0.00	0.04	0.03	0.02	0.09	0.09	0.09	0.08	0.56
1937	Below Normal	0.07	0.03	0.01	0.00	0.00	0.02	0.01	0.02	0.05	0.09	0.09	0.08	0.47
1938	Wet	0.07	0.03	0.01	0.00	0.00	0.01	0.01	0.02	0.02	0.05	0.10	0.08	0.40
1939	Dry	0.07	0.03	0.02	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.66
1940	Above Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.05	0.09	0.09	0.09	0.08	0.62
1941	Wet	0.07	0.03	0.01	0.00	0.00	0.04	0.04	0.06	0.08	0.10	0.10	0.08	0.61
1942	Wet	0.07	0.03	0.01	0.00	0.01	0.04	0.04	0.06	0.06	0.10	0.08	0.08	0.58
1943	Wet	0.07	0.03	0.02	0.00	0.02	0.01	0.02	0.02	0.08	0.10	0.10	0.08	0.55
1944	Dry	0.07	0.03	0.02	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.65
1945	Below Normal	0.07	0.03	0.01	0.01	0.00	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.62
1946	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1947	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1948	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1949	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1950	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1951	Above Normal	0.07	0.03	0.01	0.00	0.01	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.62
1952	Wet	0.07	0.03	0.01	0.01	0.01	0.03	0.03	0.02	0.02	0.08	0.10	0.08	0.49
1953	Wet	0.07	0.03	0.02	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.65
1954	Above Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1955	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1956	Wet	0.07	0.03	0.01	0.00	0.00	0.01	0.03	0.06	0.08	0.10	0.10	0.08	0.57
1957	Above Normal	0.07	0.03	0.02	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.65
1958	Wet	0.07	0.03	0.01	0.01	0.02	0.03	0.04	0.04	0.04	0.10	0.10	0.08	0.57
1959	Below Normal	0.07	0.03	0.02	0.01	0.02	0.04	0.03	0.07	0.09	0.09	0.09	0.08	0.64
1960	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.08	0.08	0.64
1961	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.08	0.08	0.64
1962	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1963	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1964	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.65
1965	Wet	0.07	0.03	0.01	0.00	0.01	0.04	0.04	0.07	0.09	0.10	0.10	0.08	0.64
1966	Below Normal	0.07	0.03	0.02	0.01	0.02	0.04	0.03	0.07	0.09	0.09	0.09	0.08	0.64
1967	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.02	0.02	0.02	0.02	0.10	0.08	0.44
1968	Below Normal	0.07	0.02	0.02	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.65
1969	Wet	0.07	0.03	0.01	0.00	0.00	0.01	0.01	0.02	0.02	0.02	0.10	0.08	0.37
1970	Wet	0.07	0.03	0.02	0.00	0.01	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.63
1971	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1972	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1973	Above Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.04	0.09	0.09	0.09	0.08	0.61
1974	Wet	0.07	0.03	0.01	0.00	0.02	0.04	0.03	0.06	0.07	0.10	0.10	0.08	0.61
1975	Wet	0.07	0.03	0.02	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.65
1976	Critical	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
1977	Critical	0.07	0.03	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.53
1978	Above Normal	0.05	0.02	0.01	0.01	0.00	0.01	0.01	0.02	0.06	0.06	0.10	0.08	0.43
1979	Below Normal	0.07	0.03	0.02	0.01	0.02	0.04	0.04	0.04	0.09	0.09	0.09	0.08	0.62
1980	Above Normal	0.07	0.03	0.01	0.00	0.00	0.01	0.01	0.03	0.08	0.06	0.10	0.08	0.48
1981	Dry	0.07	0.03	0.02	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.65
1982	Wet	0.07	0.03	0.01	0.01	0.00	0.04	0.01	0.02	0.05	0.09	0.10	0.08	0.51
1983	Wet	0.04	0.02	0.01	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.06	0.05	0.27
1984	Wet	0.03	0.02	0.01	0.00	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.58
1985	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1986	Wet	0.07	0.03	0.01	0.01	0.00	0.01	0.01	0.02	0.03	0.10	0.09	0.08	0.46
1987	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.65
1988	Critical	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
1989	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1990	Critical	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.07	0.63
1991	Critical	0.07	0.03	0.01	0.01	0.02	0.03	0.03	0.05	0.07	0.07	0.07	0.06	0.52
1992	Critical	0.05	0.02	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.50
1993	Above Normal	0.05	0.02	0.01	0.01	0.01	0.04	0.04	0.06	0.08	0.09	0.09	0.08	0.58
1994	Critical	0.07	0.03	0.01	0.01	0.02	0.03	0.04	0.06	0.07	0.08	0.07	0.06	0.55
1995	Wet	0.05	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.04	0.02	0.10	0.08	0.38
1996	Wet	0.07	0.03	0.01	0.01	0.02	0.02	0.04	0.02	0.09	0.10	0.09	0.08	0.58
1997	Wet	0.07	0.03	0.01	0.00	0.01	0.02	0.04	0.06	0.08	0.10	0.08	0.08	0.58
1998	Wet	0.07	0.03	0.02	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.10	0.08	0.40
1999	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
2000	Above Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
2001	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
2002	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
2003	Above Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
	Average	0.07	0.03	0.01	0.01	0.02	0.03	0.04	0.06	0.08	0.08	0.09	0.08	0.58
	Wet	0.07	0.03	0.01	0.01	0.01	0.03	0.03	0.05	0.06	0.08	0.09	0.08	0.54
	Above Normal	0.07	0.03	0.01	0.01	0.02	0.03	0.03	0.05	0.09	0.09	0.09	0.08	0.59
	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.06	0.09	0.09	0.09	0.08	0.62
	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.63
	Critical	0.07	0.03	0.01	0.01	0.02	0.03	0.04	0.06	0.08	0.08	0.08	0.06	0.56

Energy Use (GWh) At Pumping Plant at DMC Other: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.07	0.03	0.02	0.01	0.02	0.02	0.02	0.05	0.09	0.09	0.09	0.07	0.58
1923	Below Normal	0.06	0.03	0.01	0.00	0.02	0.04	0.04	0.07	0.08	0.08	0.08	0.07	0.58
1924	Critical	0.06	0.03	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.52
1925	Dry	0.05	0.02	0.01	0.01	0.01	0.04	0.04	0.07	0.09	0.09	0.09	0.07	0.59
1926	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.08	0.07	0.62
1927	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.08	0.08	0.09	0.07	0.61
1928	Above Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.08	0.09	0.09	0.07	0.61
1929	Critical	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.07	0.62
1930	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.65
1931	Critical	0.07	0.03	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.53
1932	Dry	0.05	0.02	0.01	0.01	0.01	0.03	0.03	0.05	0.06	0.06	0.06	0.05	0.44
1933	Critical	0.05	0.02	0.01	0.00	0.01	0.03	0.03	0.05	0.07	0.07	0.07	0.06	0.47
1934	Critical	0.05	0.02	0.01	0.01	0.01	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.49
1935	Below Normal	0.05	0.02	0.01	0.01	0.01	0.04	0.04	0.07	0.08	0.08	0.08	0.07	0.56
1936	Below Normal	0.06	0.03	0.01	0.01	0.01	0.04	0.03	0.05	0.08	0.08	0.08	0.07	0.55
1937	Below Normal	0.06	0.03	0.01	0.00	0.00	0.04	0.01	0.02	0.07	0.08	0.08	0.07	0.47
1938	Wet	0.06	0.03	0.01	0.00	0.00	0.01	0.01	0.02	0.02	0.05	0.09	0.08	0.38
1939	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.08	0.08	0.08	0.07	0.61
1940	Above Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.08	0.08	0.08	0.07	0.59
1941	Wet	0.06	0.03	0.01	0.00	0.00	0.04	0.04	0.06	0.07	0.09	0.09	0.07	0.56
1942	Wet	0.06	0.03	0.01	0.00	0.01	0.04	0.04	0.06	0.05	0.09	0.08	0.07	0.54
1943	Wet	0.06	0.03	0.01	0.00	0.02	0.01	0.02	0.03	0.08	0.09	0.09	0.07	0.51
1944	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.08	0.08	0.08	0.07	0.59
1945	Below Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.08	0.09	0.09	0.07	0.61
1946	Below Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.08	0.09	0.09	0.07	0.61
1947	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.07	0.62
1948	Below Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.63
1949	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1950	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.08	0.09	0.09	0.07	0.62
1951	Above Normal	0.06	0.03	0.01	0.00	0.02	0.04	0.04	0.07	0.08	0.09	0.09	0.07	0.60
1952	Wet	0.06	0.03	0.01	0.01	0.01	0.04	0.03	0.02	0.02	0.08	0.09	0.08	0.48
1953	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.08	0.08	0.08	0.07	0.60
1954	Above Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.07	0.62
1955	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1956	Wet	0.07	0.03	0.01	0.01	0.00	0.01	0.03	0.06	0.07	0.09	0.09	0.07	0.54
1957	Above Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.06	0.08	0.08	0.08	0.07	0.58
1958	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.04	0.03	0.10	0.09	0.08	0.55
1959	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.08	0.08	0.09	0.07	0.61
1960	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.64
1961	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.08	0.08	0.64
1962	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.08	0.08	0.08	0.07	0.60
1963	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.08	0.08	0.08	0.07	0.59
1964	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.64
1965	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.07	0.63
1966	Below Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.08	0.09	0.09	0.07	0.61
1967	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.02	0.02	0.02	0.03	0.09	0.08	0.43
1968	Below Normal	0.07	0.02	0.01	0.01	0.02	0.04	0.05	0.07	0.08	0.08	0.08	0.07	0.60
1969	Wet	0.06	0.03	0.01	0.00	0.00	0.01	0.01	0.02	0.02	0.02	0.09	0.08	0.35
1970	Wet	0.07	0.03	0.01	0.00	0.01	0.04	0.04	0.07	0.08	0.09	0.09	0.07	0.60
1971	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.08	0.08	0.09	0.07	0.60
1972	Below Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.63
1973	Above Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.08	0.09	0.09	0.07	0.62
1974	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.03	0.06	0.06	0.09	0.09	0.07	0.57
1975	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.08	0.09	0.09	0.07	0.61
1976	Critical	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1977	Critical	0.07	0.03	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.53
1978	Above Normal	0.05	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.05	0.07	0.09	0.07	0.42
1979	Below Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.06	0.08	0.08	0.09	0.07	0.59
1980	Above Normal	0.06	0.03	0.01	0.00	0.00	0.01	0.01	0.02	0.07	0.07	0.09	0.07	0.44
1981	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.08	0.08	0.08	0.07	0.59
1982	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.01	0.02	0.05	0.09	0.09	0.08	0.51
1983	Wet	0.07	0.02	0.01	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.06	0.05	0.30
1984	Wet	0.03	0.02	0.01	0.00	0.02	0.04	0.04	0.07	0.08	0.09	0.09	0.07	0.56
1985	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.08	0.09	0.09	0.07	0.61
1986	Wet	0.06	0.03	0.01	0.01	0.01	0.01	0.01	0.02	0.03	0.09	0.09	0.07	0.44
1987	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.64
1988	Critical	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
1989	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1990	Critical	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.07	0.63
1991	Critical	0.07	0.03	0.01	0.01	0.02	0.03	0.03	0.05	0.07	0.07	0.07	0.06	0.52
1992	Critical	0.05	0.02	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.50
1993	Above Normal	0.05	0.02	0.01	0.01	0.02	0.04	0.04	0.06	0.07	0.09	0.09	0.07	0.57
1994	Critical	0.06	0.03	0.01	0.01	0.02	0.03	0.04	0.06	0.07	0.08	0.07	0.06	0.54
1995	Wet	0.05	0.02	0.01	0.01	0.02	0.02	0.01	0.02	0.03	0.01	0.09	0.07	0.36
1996	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.02	0.08	0.09	0.09	0.07	0.56
1997	Wet	0.06	0.03	0.01	0.00	0.01	0.02	0.04	0.06	0.07	0.09	0.08	0.07	0.54
1998	Wet	0.06	0.03	0.01	0.01	0.02	0.01	0.01	0.02	0.02	0.02	0.09	0.08	0.38
1999	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.08	0.08	0.09	0.07	0.61
2000	Above Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.08	0.09	0.09	0.07	0.61
2001	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.63
2002	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
2003	Above Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.07	0.63
	Average	0.06	0.03	0.01	0.01	0.02	0.03	0.04	0.06	0.07	0.08	0.09	0.07	0.56
	Wet	0.06	0.03	0.01	0.01	0.01	0.03	0.03	0.05	0.06	0.07	0.09	0.07	0.52
	Above Normal	0.06	0.03	0.01	0.01	0.02	0.03	0.03	0.06	0.08	0.09	0.09	0.07	0.57
	Below Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.06	0.08	0.08	0.09	0.07	0.59
	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.07	0.62
	Critical	0.06	0.03	0.01	0.01	0.02	0.03	0.04	0.06	0.08	0.08	0.08	0.06	0.55

Difference in Energy Use (GWh) At Pumping Plant at DMC Other: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	(0.01)	(0.01)	(0.01)	0.00
1923	Below Normal	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
1924	Critical	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	0.00
1928	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1929	Critical	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1933	Critical	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00
1936	Below Normal	(0.01)	0.00	0.00	0.00	0.01	0.00	0.00	0.03	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1937	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.02	(0.01)	(0.01)	(0.01)	0.00
1938	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1939	Dry	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1940	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.02	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1941	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1942	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	0.00
1943	Wet	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00	(0.01)	(0.01)	(0.01)	0.00
1944	Dry	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
1945	Below Normal	(0.01)	0.00	0.00	0.00	0.02	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1946	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1947	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1948	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1951	Above Normal	(0.01)	0.00	0.00	0.00	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1952	Wet	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1953	Wet	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1954	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1957	Above Normal	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
1958	Wet	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00	0.00	(0.01)	0.00	(0.01)	0.00	0.00
1959	Below Normal	0.00	0.00	(0.01)	0.00	0.00	0.00	0.01	0.00	(0.01)	(0.01)	0.00	(0.01)	0.00
1960	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1963	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1964	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00
1966	Below Normal	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.01	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1967	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	0.00	0.00
1968	Below Normal	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1969	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1970	Wet	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1971	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	0.00
1972	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	(0.01)	0.00	0.00	(0.01)	0.00
1974	Wet	(0.01)	0.00	0.00	0.01	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1975	Wet	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1976	Critical	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	(0.01)	0.01	(0.01)	(0.01)	0.00
1979	Below Normal	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.02	(0.01)	(0.01)	0.00	(0.01)	0.00
1980	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.01	(0.01)	(0.01)	0.00
1981	Dry	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
1982	Wet	(0.01)	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1983	Wet	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1985	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1986	Wet	(0.01)	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00
1987	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1994	Critical	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1996	Wet	(0.01)	0.00	0.00	0.00	0.00	0.02	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	0.00
1997	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	0.00
1998	Wet	(0.01)	0.00	(0.01)	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	0.00
2000	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
2001	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
	Average	(0.01)	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.01)	(0.00)
	Wet	(0.01)	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00
	Above Normal	(0.01)	0.00	(0.00)	0.00	0.00	0.00	0.00	0.01	(0.01)	(0.00)	(0.00)	(0.01)	(0.00)
	Below Normal	(0.01)	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.00)	(0.01)	(0.00)
	Dry	(0.00)	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
	Critical	(0.00)	0.00	0.00	(0.00)	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at DMC Other: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	150%	13%	-10%	-10%	-13%
1923	Below Normal	-14%	0%	-50%	0%	0%	0%	0%	0%	-11%	-11%	-11%	-13%
1924	Critical	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-13%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-11%	-13%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-11%	-11%	0%	-13%
1928	Above Normal	-14%	0%	0%	0%	0%	0%	0%	0%	-11%	0%	0%	-13%
1929	Critical	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-14%	-14%	-14%	-17%
1933	Critical	0%	0%	0%	-100%	-50%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	-11%	-11%	-13%
1936	Below Normal	-14%	0%	0%	0%	-	0%	0%	150%	-11%	-11%	-11%	-13%
1937	Below Normal	-14%	0%	0%	0%	0%	100%	0%	0%	40%	-11%	-11%	-13%
1938	Wet	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-10%	0%
1939	Dry	0%	0%	-50%	0%	0%	0%	0%	0%	-11%	-11%	-11%	-13%
1940	Above Normal	-14%	0%	0%	0%	0%	0%	0%	40%	-11%	-11%	-11%	-13%
1941	Wet	-14%	0%	0%	0%	0%	0%	0%	0%	-13%	-10%	-10%	-13%
1942	Wet	-14%	0%	0%	0%	0%	0%	0%	0%	-17%	-10%	0%	-13%
1943	Wet	-14%	0%	-50%	0%	0%	0%	0%	50%	0%	-10%	-10%	-13%
1944	Dry	-14%	0%	-50%	0%	0%	0%	0%	0%	-11%	-11%	-11%	-13%
1945	Below Normal	-14%	0%	0%	0%	-	0%	0%	0%	-11%	0%	0%	-13%
1946	Below Normal	-14%	0%	0%	0%	0%	0%	0%	0%	-11%	0%	0%	-13%
1947	Dry	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-13%
1948	Below Normal	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	-11%	0%	0%	-13%
1951	Above Normal	-14%	0%	0%	0%	100%	0%	0%	0%	-11%	0%	0%	-13%
1952	Wet	-14%	0%	0%	0%	0%	33%	0%	0%	0%	0%	-10%	0%
1953	Wet	0%	0%	-50%	0%	0%	0%	0%	0%	-11%	-11%	-11%	-13%
1954	Above Normal	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-13%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	-	0%	0%	0%	0%	-13%	-10%	-10%	-13%
1957	Above Normal	-14%	0%	-50%	0%	0%	0%	0%	-14%	-11%	-11%	-11%	-13%
1958	Wet	-14%	0%	0%	0%	0%	33%	0%	0%	-25%	0%	-10%	0%
1959	Below Normal	0%	0%	-50%	0%	0%	0%	33%	0%	-11%	-11%	0%	-13%
1960	Dry	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	13%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	-11%	-11%	-11%	-13%
1963	Wet	-14%	0%	0%	0%	0%	0%	0%	0%	-11%	-11%	-11%	-13%
1964	Dry	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	-	100%	0%	0%	0%	0%	-10%	-10%	-13%
1966	Below Normal	-14%	0%	-50%	0%	0%	0%	33%	0%	-11%	0%	0%	-13%
1967	Wet	-14%	0%	0%	0%	0%	0%	0%	0%	0%	50%	-10%	0%
1968	Below Normal	0%	0%	-50%	0%	0%	0%	0%	0%	-11%	-11%	-11%	-13%
1969	Wet	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-10%	0%
1970	Wet	0%	0%	-50%	0%	0%	0%	0%	0%	-11%	0%	0%	-13%
1971	Wet	-14%	0%	0%	0%	0%	0%	0%	0%	-11%	-11%	0%	-13%
1972	Below Normal	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	75%	-11%	0%	0%	-13%
1974	Wet	-14%	0%	0%	-	0%	0%	0%	0%	-14%	-10%	-10%	-13%
1975	Wet	-14%	0%	-50%	0%	0%	0%	0%	0%	-11%	0%	0%	-13%
1976	Critical	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	-	0%	0%	0%	-17%	17%	-10%	-13%
1979	Below Normal	-14%	0%	-50%	0%	0%	0%	0%	50%	-11%	-11%	0%	-13%
1980	Above Normal	-14%	0%	0%	0%	0%	0%	0%	-33%	-13%	17%	-10%	-13%
1981	Dry	-14%	0%	-50%	0%	0%	0%	0%	0%	-11%	-11%	-11%	-13%
1982	Wet	-14%	0%	0%	0%	-	0%	0%	0%	0%	0%	-10%	0%
1983	Wet	75%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-11%	0%	0%	-13%
1985	Dry	-14%	0%	0%	0%	0%	0%	0%	0%	-11%	0%	0%	-13%
1986	Wet	-14%	0%	0%	0%	-	0%	0%	0%	0%	-10%	0%	-13%
1987	Dry	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	100%	0%	0%	0%	-13%	0%	0%	-13%
1994	Critical	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	100%	100%	0%	0%	-25%	-50%	-10%	-13%
1996	Wet	-14%	0%	0%	0%	0%	100%	0%	0%	-11%	-10%	0%	-13%
1997	Wet	-14%	0%	0%	0%	0%	0%	0%	0%	-13%	-10%	0%	-13%
1998	Wet	-14%	0%	-50%	0%	100%	0%	0%	0%	0%	0%	-10%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-11%	-11%	0%	-13%
2000	Above Normal	-14%	0%	0%	0%	0%	0%	0%	0%	-11%	0%	0%	-13%
2001	Dry	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-13%
	Average	-7%	0%	-9%	-1%	6%	4%	1%	6%	-5%	-3%	-4%	-8%
	Wet	-6%	0%	-10%	0%	12%	10%	0%	2%	-8%	-6%	-6%	-9%
	Above Normal	-8%	0%	-4%	0%	17%	0%	0%	18%	-8%	0%	-4%	-13%
	Below Normal	-9%	0%	-18%	0%	0%	7%	5%	14%	-5%	-6%	-5%	-11%
	Dry	-6%	0%	-8%	0%	0%	0%	0%	0%	-3%	-3%	-3%	-6%
	Critical	-5%	0%	0%	-8%	-4%	0%	0%	0%	0%	0%	0%	0%

Energy Use (GWh) At Pumping Plant at Folsom: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.90	0.69	0.70	0.65	0.60	0.49	0.84	0.56	0.53	0.56	0.65	0.78	7.95
1923	Below Normal	0.66	0.60	0.59	0.56	0.61	0.86	0.68	0.59	0.51	0.70	0.81	0.64	7.81
1924	Critical	0.66	0.63	0.66	0.74	0.77	0.78	1.69	1.70	1.93	2.00	1.77	1.27	14.60
1925	Dry	0.69	0.68	0.65	0.62	0.54	0.43	0.75	0.50	0.53	0.85	1.13	0.89	8.26
1926	Dry	0.69	0.50	0.55	0.59	0.57	0.61	0.45	0.68	1.04	1.56	1.70	1.26	10.20
1927	Wet	0.71	0.60	0.49	0.45	0.46	0.49	0.78	0.61	0.51	0.71	0.82	0.78	7.41
1928	Above Normal	0.66	0.61	0.65	0.64	0.61	0.49	0.78	0.60	0.64	1.18	1.56	1.26	9.68
1929	Critical	1.07	0.78	0.80	0.83	0.83	0.72	1.40	1.45	1.42	1.69	1.59	1.18	13.76
1930	Dry	0.92	0.75	0.62	0.53	0.46	0.41	0.65	0.68	0.89	1.37	1.54	1.11	9.93
1931	Critical	0.85	0.64	0.67	0.70	0.71	0.69	1.80	1.55	1.76	2.03	1.83	1.33	14.56
1932	Dry	0.95	0.74	0.70	0.65	0.53	0.48	0.80	0.52	0.46	0.53	0.64	0.66	7.66
1933	Critical	0.65	0.57	0.62	0.68	0.71	0.67	1.39	1.13	1.29	1.60	1.68	1.23	12.22
1934	Critical	0.82	0.80	0.68	0.63	0.54	0.56	1.08	1.19	1.76	2.05	1.85	1.59	13.55
1935	Below Normal	1.54	0.88	0.75	0.71	0.66	0.54	0.49	0.60	0.53	0.73	0.86	0.72	9.01
1936	Below Normal	0.59	0.55	0.60	0.57	0.52	0.50	0.78	0.53	0.46	0.64	0.73	0.70	7.17
1937	Below Normal	0.69	0.63	0.60	0.66	0.60	0.43	0.71	0.57	0.48	0.68	0.88	0.73	7.66
1938	Wet	0.60	0.48	0.51	0.51	0.51	0.49	0.75	0.59	0.53	0.58	0.68	0.75	6.98
1939	Dry	0.65	0.58	0.61	0.67	0.71	0.60	1.10	0.92	1.33	1.69	1.73	1.19	11.78
1940	Above Normal	0.85	0.80	0.70	0.60	0.47	0.47	0.87	0.58	0.52	0.75	0.96	0.94	8.51
1941	Wet	0.84	0.74	0.70	0.57	0.56	0.50	0.51	0.54	0.58	0.62	0.70	0.82	7.68
1942	Wet	0.67	0.61	0.61	0.56	0.57	0.51	0.49	0.54	0.57	0.61	0.70	0.80	7.24
1943	Wet	0.79	0.61	0.61	0.57	0.60	0.55	0.70	0.61	0.52	0.72	0.83	0.79	7.90
1944	Dry	0.86	0.73	0.79	0.83	0.82	0.72	1.10	0.98	1.07	1.39	1.53	1.18	12.00
1945	Below Normal	0.78	0.63	0.57	0.54	0.51	0.41	0.86	0.57	0.49	0.73	0.87	0.84	7.80
1946	Below Normal	0.57	0.56	0.54	0.54	0.55	0.51	0.93	0.56	0.51	0.73	0.97	0.88	7.85
1947	Dry	0.81	0.61	0.60	0.63	0.62	0.46	0.76	0.75	0.93	1.44	1.58	1.22	10.41
1948	Below Normal	0.68	0.65	0.67	0.65	0.62	0.59	0.67	0.52	0.55	0.68	0.78	0.76	7.82
1949	Dry	0.67	0.52	0.57	0.62	0.64	0.49	0.87	0.56	0.53	0.82	1.21	1.02	8.52
1950	Below Normal	0.86	0.64	0.71	0.65	0.56	0.46	0.74	0.56	0.50	0.69	0.80	0.66	7.83
1951	Above Normal	0.46	0.60	0.75	0.79	0.77	0.77	1.03	0.54	0.52	0.78	1.00	0.94	8.95
1952	Wet	0.71	0.65	0.61	0.56	0.56	0.49	0.77	0.61	0.50	0.55	0.64	0.69	7.34
1953	Wet	0.68	0.54	0.61	0.57	0.56	0.65	0.81	0.59	0.50	0.58	0.64	0.71	7.44
1954	Above Normal	0.68	0.56	0.61	0.60	0.57	0.50	0.61	0.60	0.61	1.00	1.24	0.95	8.53
1955	Dry	0.82	0.60	0.60	0.55	0.55	0.66	1.05	0.98	0.98	1.12	1.22	0.90	10.03
1956	Wet	0.74	0.59	0.57	0.57	0.61	0.73	0.89	0.54	0.52	0.55	0.64	0.69	7.64
1957	Above Normal	0.58	0.68	0.70	0.74	0.66	0.48	0.87	0.56	0.56	0.79	1.04	0.80	8.46
1958	Wet	0.59	0.60	0.56	0.55	0.56	0.51	0.49	0.59	0.54	0.59	0.68	0.73	6.99
1959	Below Normal	0.69	0.65	0.69	0.70	0.61	0.61	0.88	0.82	0.94	1.44	1.73	1.02	10.78
1960	Dry	1.03	0.86	0.77	0.78	0.69	0.44	0.76	0.65	0.77	0.93	1.04	0.86	9.58
1961	Dry	0.74	0.55	0.58	0.63	0.65	0.62	1.29	1.35	1.46	1.78	1.85	1.34	12.84
1962	Below Normal	1.06	0.73	0.72	0.71	0.60	0.42	0.80	0.57	0.49	0.69	0.95	0.82	8.56
1963	Wet	0.40	0.42	0.50	0.51	0.57	0.53	0.60	0.59	0.57	0.76	0.88	0.81	7.14
1964	Dry	0.65	0.56	0.57	0.57	0.56	0.69	1.18	0.89	0.88	1.14	1.33	1.08	10.10
1965	Wet	0.72	0.64	0.64	0.65	0.64	0.69	0.70	0.61	0.53	0.70	0.75	0.76	8.03
1966	Below Normal	0.84	0.63	0.64	0.62	0.61	0.66	0.86	0.63	0.73	1.14	1.43	1.07	9.86
1967	Wet	0.90	0.64	0.56	0.50	0.51	0.47	0.51	0.64	0.52	0.60	0.68	0.76	7.29
1968	Below Normal	0.69	0.53	0.60	0.58	0.58	0.50	0.90	0.87	1.02	1.57	1.73	1.28	10.85
1969	Wet	0.93	0.70	0.65	0.57	0.55	0.49	0.84	0.61	0.51	0.62	0.75	0.79	8.01
1970	Wet	0.67	0.54	0.56	0.66	0.76	0.63	1.05	0.77	0.67	0.97	1.16	1.06	9.50
1971	Wet	0.87	0.67	0.55	0.49	0.50	0.52	0.95	0.53	0.51	0.59	0.68	0.71	7.57
1972	Below Normal	0.68	0.56	0.59	0.56	0.56	0.62	0.80	0.62	0.64	1.00	1.25	0.82	8.70
1973	Above Normal	0.55	0.50	0.48	0.47	0.48	0.46	0.87	0.62	0.59	0.91	1.08	0.85	7.86
1974	Wet	0.59	0.54	0.56	0.61	0.67	0.58	0.80	0.64	0.53	0.51	0.67	0.73	7.43
1975	Wet	0.60	0.56	0.67	0.68	0.62	0.49	0.78	0.62	0.53	0.58	0.65	0.73	7.51
1976	Critical	0.45	0.54	0.64	0.69	0.76	1.00	1.35	1.39	1.52	1.64	1.46	1.10	12.54
1977	Critical	0.89	0.67	0.66	0.68	0.71	1.02	1.90	1.53	2.00	2.06	2.00	1.21	15.33
1978	Above Normal	0.58	1.04	0.72	0.60	0.45	0.46	0.62	0.62	0.54	0.72	0.85	0.71	7.91
1979	Below Normal	0.74	0.56	0.64	0.63	0.57	0.46	0.74	0.59	0.58	0.88	1.05	0.84	8.28
1980	Above Normal	0.51	0.51	0.53	0.60	0.70	0.62	0.81	0.58	0.52	0.53	0.69	0.81	7.41
1981	Dry	0.80	0.73	0.72	0.75	0.74	0.60	1.02	1.00	1.19	1.55	1.70	1.22	12.02
1982	Wet	0.71	0.61	0.62	0.68	0.70	0.62	0.53	0.68	0.59	0.63	0.72	0.59	7.68
1983	Wet	0.42	0.47	0.56	0.57	0.59	0.54	0.53	0.62	0.56	0.60	0.68	0.70	6.84
1984	Wet	0.59	0.54	0.77	0.81	0.77	0.80	0.90	0.53	0.43	0.63	0.74	0.71	8.22
1985	Dry	0.59	0.51	0.50	0.51	0.51	0.43	0.80	0.68	0.89	1.39	1.56	1.14	9.51
1986	Wet	0.88	0.70	0.67	0.58	0.61	0.56	0.85	0.59	0.57	0.87	1.15	0.96	8.99
1987	Dry	0.94	0.76	0.75	0.80	0.80	0.63	1.22	1.28	1.59	1.98	1.89	1.35	13.99
1988	Critical	0.97	0.72	0.71	0.64	0.60	0.75	1.05	1.17	1.42	1.69	1.60	1.17	12.49
1989	Dry	0.92	0.61	0.56	0.52	0.49	0.41	0.86	0.74	1.02	1.71	1.82	1.02	10.68
1990	Critical	0.81	0.72	0.75	0.76	0.75	0.73	1.29	0.90	1.43	1.62	1.54	1.13	12.43
1991	Critical	0.89	0.67	0.66	0.68	0.74	0.72	1.47	1.33	1.26	1.48	1.69	1.35	12.94
1992	Critical	0.89	0.79	0.72	0.72	0.68	0.55	0.99	1.29	1.64	2.24	2.63	0.00	13.14
1993	Above Normal	0.00	0.00	0.87	0.67	0.47	0.44	0.89	0.56	0.48	0.64	0.73	0.72	6.47
1994	Critical	0.64	0.55	0.66	0.73	0.76	0.92	1.63	1.39	1.72	1.82	1.76	1.34	13.92
1995	Wet	1.02	0.76	0.74	0.62	0.55	0.52	0.76	0.49	0.51	0.59	0.67	0.74	7.97
1996	Wet	0.75	0.68	0.59	0.56	0.63	0.58	0.76	0.45	0.57	0.68	0.78	0.79	7.82
1997	Wet	0.67	0.62	0.65	0.77	0.84	1.04	1.09	0.64	0.58	0.88	1.04	1.01	9.83
1998	Wet	0.90	0.74	0.74	0.62	0.52	0.49	0.75	0.38	0.58	0.62	0.71	0.73	7.78
1999	Wet	0.63	0.50	0.56	0.56	0.59	0.54	0.89	0.59	0.51	0.63	0.72	0.74	7.46
2000	Above Normal	0.74	0.61	0.71	0.65	0.58	0.56	0.93	0.55	0.56	0.91	1.19	0.90	8.89
2001	Dry	0.54	0.66	0.70	0.75	0.75	0.62	0.95	1.03	1.14	1.47	1.60	1.14	11.35
2002	Dry	0.88	0.62	0.53	0.46	0.46	0.45	0.85	0.50	0.51	0.79	1.10	0.86	8.01
2003	Above Normal	0.77	0.59	0.55	0.51	0.53	0.49	0.60	0.58	0.56	0.81	0.94	0.87	7.80
	Average	0.74	0.63	0.64	0.63	0.61	0.58	0.90	0.75	0.80	1.03	1.15	0.92	9.37
	Wet	0.71	0.61	0.61	0.59	0.60	0.58	0.75	0.58	0.54	0.65	0.76	0.77	7.76
	Above Normal	0.61	0.60	0.66	0.63	0.57	0.52	0.81	0.58	0.55	0.80	0.99	0.88	8.20
	Below Normal	0.79	0.63	0.64	0.62	0.58	0.54	0.77	0.61	0.60	0.88	1.06	0.84	8.57
	Dry	0.79	0.64	0.63	0.64	0.62	0.54	0.91	0.82	0.96	1.31	1.45	1.08	10.38
	Critical	0.80	0.67	0.69	0.71	0.71	0.76	1.42	1.34	1.60	1.83	1.78	1.16	13.46

Energy Use (GWh) At Pumping Plant at Folsom: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.90	0.69	0.70	0.65	0.60	0.49	0.84	0.56	0.53	0.56	0.65	0.78	7.95
1923	Below Normal	0.66	0.61	0.60	0.56	0.61	0.86	0.68	0.59	0.51	0.69	0.82	0.65	7.84
1924	Critical	0.70	0.68	0.71	0.78	0.80	0.83	1.78	1.79	2.02	2.06	1.80	1.29	15.24
1925	Dry	0.69	0.68	0.65	0.63	0.55	0.43	0.75	0.50	0.52	0.80	1.07	0.84	8.11
1926	Dry	0.66	0.49	0.54	0.59	0.56	0.62	0.46	0.65	1.00	1.54	1.68	1.28	10.07
1927	Wet	0.73	0.62	0.51	0.46	0.46	0.49	0.78	0.61	0.51	0.71	0.82	0.78	7.48
1928	Above Normal	0.66	0.61	0.65	0.64	0.61	0.49	0.78	0.60	0.65	1.19	1.57	1.27	9.72
1929	Critical	1.07	0.78	0.81	0.83	0.84	0.72	1.39	1.45	1.41	1.68	1.59	1.18	13.75
1930	Dry	0.92	0.75	0.62	0.53	0.46	0.41	0.65	0.68	0.89	1.36	1.53	1.10	9.90
1931	Critical	0.84	0.63	0.67	0.69	0.70	0.69	1.79	1.54	1.74	2.02	1.83	1.33	14.47
1932	Dry	0.94	0.74	0.70	0.65	0.52	0.48	0.80	0.52	0.46	0.53	0.61	0.66	7.61
1933	Critical	0.76	0.72	0.76	0.79	0.81	0.77	1.65	1.43	1.70	1.98	1.82	1.29	14.48
1934	Critical	0.85	0.83	0.69	0.66	0.58	0.62	1.21	1.31	1.86	2.09	1.93	2.01	14.64
1935	Below Normal	1.53	0.88	0.75	0.71	0.66	0.54	0.49	0.60	0.53	0.73	0.86	0.72	9.00
1936	Below Normal	0.59	0.55	0.60	0.57	0.52	0.50	0.78	0.53	0.46	0.64	0.73	0.70	7.17
1937	Below Normal	0.69	0.63	0.60	0.66	0.60	0.43	0.71	0.57	0.48	0.68	0.88	0.73	7.66
1938	Wet	0.60	0.48	0.51	0.51	0.51	0.49	0.75	0.59	0.53	0.57	0.65	0.74	6.93
1939	Dry	0.65	0.59	0.63	0.68	0.72	0.61	1.13	0.94	1.36	1.72	1.74	1.19	11.96
1940	Above Normal	0.85	0.80	0.70	0.60	0.47	0.47	0.87	0.58	0.52	0.75	0.99	0.98	8.58
1941	Wet	0.88	0.75	0.71	0.58	0.56	0.50	0.51	0.54	0.58	0.62	0.70	0.82	7.75
1942	Wet	0.67	0.61	0.61	0.56	0.57	0.51	0.49	0.54	0.57	0.61	0.70	0.80	7.24
1943	Wet	0.79	0.61	0.61	0.57	0.60	0.55	0.70	0.61	0.52	0.72	0.83	0.78	7.89
1944	Dry	0.85	0.73	0.80	0.84	0.82	0.73	1.11	1.00	1.09	1.41	1.55	1.19	12.12
1945	Below Normal	0.78	0.63	0.57	0.54	0.51	0.41	0.85	0.57	0.49	0.72	0.91	0.86	7.84
1946	Below Normal	0.56	0.55	0.54	0.54	0.55	0.51	0.93	0.56	0.51	0.73	0.97	0.88	7.83
1947	Dry	0.82	0.61	0.60	0.63	0.62	0.46	0.76	0.75	0.93	1.44	1.58	1.22	10.42
1948	Below Normal	0.68	0.65	0.67	0.65	0.62	0.59	0.67	0.52	0.55	0.68	0.78	0.76	7.82
1949	Dry	0.67	0.52	0.57	0.62	0.64	0.49	0.87	0.56	0.53	0.82	1.21	1.01	8.51
1950	Below Normal	0.85	0.64	0.71	0.65	0.56	0.46	0.74	0.56	0.50	0.69	0.80	0.66	7.82
1951	Above Normal	0.46	0.60	0.75	0.79	0.77	0.77	1.03	0.54	0.52	0.78	1.00	0.94	8.95
1952	Wet	0.71	0.65	0.61	0.56	0.56	0.49	0.77	0.61	0.50	0.55	0.64	0.69	7.34
1953	Wet	0.68	0.56	0.63	0.58	0.56	0.64	0.81	0.59	0.50	0.58	0.64	0.71	7.48
1954	Above Normal	0.68	0.56	0.61	0.60	0.57	0.50	0.61	0.60	0.61	1.00	1.24	0.95	8.53
1955	Dry	0.82	0.60	0.60	0.55	0.55	0.66	1.05	0.98	0.98	1.12	1.22	0.90	10.03
1956	Wet	0.74	0.59	0.57	0.57	0.61	0.73	0.89	0.54	0.52	0.55	0.64	0.69	7.64
1957	Above Normal	0.58	0.68	0.70	0.74	0.66	0.48	0.87	0.56	0.56	0.79	1.04	0.80	8.46
1958	Wet	0.59	0.60	0.56	0.55	0.56	0.51	0.49	0.59	0.54	0.59	0.68	0.73	6.99
1959	Below Normal	0.69	0.65	0.69	0.70	0.61	0.61	0.88	0.82	0.94	1.44	1.73	1.02	10.78
1960	Dry	1.03	0.87	0.77	0.78	0.70	0.44	0.76	0.65	0.77	0.93	1.04	0.86	9.60
1961	Dry	0.74	0.55	0.58	0.63	0.65	0.62	1.29	1.35	1.46	1.78	1.85	1.34	12.84
1962	Below Normal	1.06	0.73	0.72	0.71	0.60	0.42	0.80	0.57	0.49	0.69	0.95	0.82	8.56
1963	Wet	0.40	0.42	0.50	0.51	0.57	0.53	0.60	0.59	0.57	0.76	0.88	0.81	7.14
1964	Dry	0.65	0.56	0.57	0.57	0.56	0.69	1.18	0.89	0.88	1.14	1.33	1.08	10.10
1965	Wet	0.72	0.64	0.64	0.65	0.64	0.69	0.70	0.61	0.53	0.70	0.75	0.76	8.03
1966	Below Normal	0.84	0.63	0.63	0.62	0.60	0.66	0.85	0.63	0.73	1.14	1.43	1.07	9.83
1967	Wet	0.90	0.64	0.56	0.50	0.51	0.47	0.51	0.64	0.52	0.60	0.68	0.76	7.29
1968	Below Normal	0.70	0.54	0.61	0.60	0.59	0.50	0.90	0.87	1.02	1.58	1.74	1.28	10.93
1969	Wet	0.94	0.70	0.65	0.57	0.55	0.49	0.84	0.61	0.51	0.62	0.75	0.79	8.02
1970	Wet	0.67	0.54	0.56	0.66	0.76	0.63	1.05	0.77	0.67	0.97	1.16	1.06	9.50
1971	Wet	0.87	0.67	0.55	0.49	0.50	0.52	0.95	0.53	0.51	0.59	0.68	0.71	7.57
1972	Below Normal	0.68	0.56	0.59	0.56	0.56	0.62	0.80	0.62	0.64	1.00	1.25	0.82	8.70
1973	Above Normal	0.55	0.50	0.48	0.47	0.48	0.46	0.87	0.62	0.59	0.91	1.08	0.86	7.87
1974	Wet	0.62	0.55	0.56	0.61	0.67	0.58	0.80	0.64	0.53	0.51	0.67	0.73	7.47
1975	Wet	0.60	0.56	0.66	0.68	0.62	0.49	0.78	0.62	0.53	0.58	0.65	0.73	7.50
1976	Critical	0.45	0.54	0.64	0.69	0.76	1.01	1.35	1.39	1.52	1.64	1.46	1.10	12.55
1977	Critical	0.89	0.67	0.66	0.68	0.71	1.02	1.90	1.53	2.01	2.06	2.00	1.24	15.37
1978	Above Normal	0.80	1.04	0.72	0.60	0.45	0.46	0.62	0.62	0.54	0.72	0.85	0.71	8.13
1979	Below Normal	0.74	0.57	0.65	0.63	0.57	0.46	0.74	0.59	0.57	0.88	1.05	0.85	8.30
1980	Above Normal	0.52	0.51	0.53	0.60	0.69	0.62	0.81	0.58	0.52	0.60	0.87	0.95	7.80
1981	Dry	0.85	0.73	0.71	0.73	0.73	0.59	0.99	0.97	1.15	1.51	1.67	1.21	11.84
1982	Wet	0.70	0.61	0.62	0.68	0.70	0.62	0.53	0.68	0.59	0.63	0.72	0.59	7.67
1983	Wet	0.42	0.47	0.56	0.57	0.59	0.54	0.53	0.62	0.56	0.60	0.68	0.70	6.84
1984	Wet	0.59	0.54	0.77	0.81	0.77	0.80	0.90	0.53	0.43	0.63	0.74	0.71	8.22
1985	Dry	0.59	0.51	0.50	0.51	0.51	0.43	0.80	0.68	0.89	1.39	1.56	1.14	9.51
1986	Wet	0.88	0.70	0.67	0.58	0.61	0.55	0.85	0.59	0.57	0.87	1.15	0.96	8.98
1987	Dry	0.94	0.76	0.75	0.80	0.80	0.63	1.22	1.28	1.59	1.97	1.89	1.35	13.98
1988	Critical	0.96	0.72	0.71	0.64	0.59	0.75	1.05	1.17	1.42	1.69	1.60	1.17	12.47
1989	Dry	0.92	0.61	0.56	0.52	0.48	0.41	0.86	0.74	1.02	1.71	1.82	1.02	10.67
1990	Critical	0.81	0.72	0.75	0.76	0.75	0.73	1.29	0.90	1.43	1.62	1.54	1.13	12.43
1991	Critical	0.89	0.67	0.66	0.68	0.74	0.72	1.47	1.33	1.25	1.48	1.69	1.35	12.93
1992	Critical	0.89	0.79	0.72	0.72	0.69	0.55	0.99	1.30	1.64	2.24	2.50	0.00	13.03
1993	Above Normal	0.00	0.00	0.87	0.67	0.47	0.44	0.89	0.56	0.48	0.64	0.73	0.72	6.47
1994	Critical	0.64	0.55	0.66	0.73	0.76	0.92	1.62	1.39	1.72	1.81	1.76	1.34	13.90
1995	Wet	1.02	0.76	0.74	0.62	0.55	0.52	0.76	0.49	0.51	0.59	0.67	0.74	7.97
1996	Wet	0.75	0.69	0.60	0.56	0.63	0.58	0.76	0.45	0.57	0.68	0.78	0.79	7.84
1997	Wet	0.67	0.62	0.65	0.77	0.84	1.04	1.09	0.64	0.58	0.88	1.04	1.01	9.83
1998	Wet	0.90	0.74	0.74	0.62	0.52	0.49	0.75	0.38	0.58	0.62	0.71	0.73	7.78
1999	Wet	0.63	0.50	0.56	0.56	0.59	0.54	0.89	0.59	0.51	0.63	0.72	0.74	7.46
2000	Above Normal	0.74	0.61	0.71	0.65	0.58	0.56	0.93	0.55	0.56	0.91	1.19	0.90	8.89
2001	Dry	0.54	0.66	0.70	0.75	0.75	0.62	0.95	1.03	1.14	1.47	1.60	1.14	11.35
2002	Dry	0.88	0.62	0.53	0.46	0.46	0.45	0.85	0.50	0.51	0.79	1.10	0.86	8.01
2003	Above Normal	0.78	0.59	0.55	0.51	0.53	0.49	0.60	0.58	0.56	0.81	0.94	0.87	7.81
	Average	0.75	0.63	0.64	0.63	0.62	0.58	0.90	0.76	0.80	1.03	1.15	0.93	9.43
	Wet	0.72	0.61	0.61	0.59	0.60	0.58	0.75	0.58	0.54	0.65	0.76	0.77	7.76
	Above Normal	0.63	0.60	0.66	0.63	0.57	0.52	0.81	0.58	0.55	0.81	1.01	0.89	8.26
	Below Normal	0.79	0.63	0.64	0.62	0.58	0.54	0.77	0.61	0.60	0.88	1.06	0.84	8.58
	Dry	0.79	0.64	0.63	0.64	0.62	0.54	0.92	0.82	0.95	1.30	1.45	1.08	10.37
	Critical	0.81	0.69	0.70	0.72	0.73	0.78	1.46	1.38	1.64	1.86	1.79	1.20	13.77

Difference in Energy Use (GWh) At Pumping Plant at Folsom: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.01	0.01	0.00
1924	Critical	0.04	0.05	0.05	0.04	0.03	0.05	0.09	0.09	0.09	0.06	0.03	0.02	0.05
1925	Dry	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	(0.01)	(0.05)	(0.06)	(0.05)	(0.01)
1926	Dry	(0.03)	(0.01)	(0.01)	0.00	(0.01)	0.01	0.01	(0.03)	(0.04)	(0.02)	(0.02)	0.02	(0.01)
1927	Wet	0.02	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00
1929	Critical	0.00	0.00	0.01	0.00	0.01	0.00	(0.01)	0.00	(0.01)	(0.01)	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00
1931	Critical	(0.01)	(0.01)	0.00	(0.01)	(0.01)	0.00	(0.01)	(0.01)	(0.02)	(0.01)	0.00	0.00	(0.01)
1932	Dry	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.03)	0.00	0.00
1933	Critical	0.11	0.15	0.14	0.11	0.10	0.10	0.26	0.30	0.41	0.38	0.14	0.06	0.19
1934	Critical	0.03	0.03	0.01	0.03	0.04	0.06	0.13	0.12	0.10	0.04	0.08	0.42	0.09
1935	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.03)	(0.01)	0.00
1939	Dry	0.00	0.01	0.02	0.01	0.01	0.01	0.03	0.02	0.03	0.03	0.01	0.00	0.02
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.04	0.01
1941	Wet	0.04	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1944	Dry	(0.01)	0.00	0.01	0.01	0.00	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.01
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.04	0.02	0.00
1946	Below Normal	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1950	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.02	0.02	0.01	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	(0.01)	0.00	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.01	0.01	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01
1969	Wet	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1974	Wet	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.03	0.00
1978	Above Normal	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1979	Below Normal	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.01	0.00
1980	Above Normal	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.07	0.18	0.14	0.03
1981	Dry	0.05	0.00	(0.01)	(0.02)	(0.01)	(0.01)	(0.03)	(0.03)	(0.04)	(0.04)	(0.03)	(0.01)	(0.02)
1982	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1988	Critical	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	(0.13)	0.00	(0.01)
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.00
	Wet	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	0.00
	Above Normal	0.02	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.01
	Below Normal	(0.00)	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00	(0.00)	(0.00)	0.00	0.00	0.00
	Dry	0.00	0.00	0.00	0.00	(0.00)	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.01)	(0.00)	(0.00)
	Critical	0.01	0.02	0.02	0.01	0.01	0.02	0.04	0.04	0.05	0.04	0.01	0.04	0.03

Percent Difference in Energy Use (GWh) At Pumping Plant at Folsom: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	2%	2%	0%	0%	0%	0%	0%	0%	-1%	1%	2%
1924	Critical	6%	8%	8%	5%	4%	6%	5%	5%	5%	3%	2%	2%
1925	Dry	0%	0%	0%	2%	2%	0%	0%	0%	-2%	-6%	-5%	-6%
1926	Dry	-4%	-2%	-2%	0%	-2%	2%	2%	-4%	-4%	-1%	-1%	2%
1927	Wet	3%	3%	4%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	2%	1%	1%	1%
1929	Critical	0%	0%	1%	0%	1%	0%	-1%	0%	-1%	-1%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%
1931	Critical	-1%	-2%	0%	-1%	-1%	0%	-1%	-1%	-1%	0%	0%	0%
1932	Dry	-1%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	-5%	0%
1933	Critical	17%	26%	23%	16%	14%	15%	19%	27%	32%	24%	8%	5%
1934	Critical	4%	4%	1%	5%	7%	11%	12%	10%	6%	2%	4%	26%
1935	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	-4%	-1%
1939	Dry	0%	2%	3%	1%	1%	2%	3%	2%	2%	2%	1%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	4%
1941	Wet	5%	1%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1944	Dry	-1%	0%	1%	1%	0%	1%	1%	2%	2%	1%	1%	1%
1945	Below Normal	0%	0%	0%	0%	0%	0%	-1%	0%	0%	-1%	5%	2%
1946	Below Normal	-2%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1950	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	4%	3%	2%	0%	-2%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	-2%	0%	-2%	0%	-1%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	1%	2%	2%	3%	2%	0%	0%	0%	0%	1%	1%	0%
1969	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1974	Wet	5%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1978	Above Normal	38%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	2%	2%	0%	0%	0%	0%	0%	-2%	0%	0%	1%
1980	Above Normal	2%	0%	0%	0%	-1%	0%	0%	0%	0%	13%	26%	17%
1981	Dry	6%	0%	-1%	-3%	-1%	-2%	-3%	-3%	-3%	-3%	-2%	-1%
1982	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1988	Critical	-1%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	1%	0%	0%	1%	0%	0%	-5%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	-1%	0%	0%	-1%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	1%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	3%	0%	0%	0%	0%	0%	0%	0%	0%	1%	2%	2%
	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
	Critical	2%	3%	3%	2%	2%	3%	3%	4%	3%	2%	1%	3%

Energy Use (GWh) At Pumping Plant at Misc: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1923	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1924	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1925	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1926	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1927	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1928	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1929	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1930	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1931	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1932	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1933	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1934	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1935	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1936	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1937	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1938	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1939	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1940	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1941	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1942	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1943	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1944	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1945	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1946	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1947	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1948	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1949	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1950	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1951	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1952	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1953	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1954	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1955	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1956	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1957	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1958	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1959	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1960	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1961	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1962	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1963	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1964	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1965	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1966	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1967	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1968	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1969	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1970	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1971	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1972	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1973	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1974	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1975	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1976	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1977	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1978	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1979	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1980	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1981	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1982	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1983	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1984	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1985	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1986	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1987	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1988	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1989	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1990	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1991	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1992	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1993	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1994	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1995	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1996	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1997	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1998	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1999	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
2000	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
2001	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
2002	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
2003	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Average	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78

Energy Use (GWh) At Pumping Plant at Misc: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1923	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1924	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1925	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1926	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1927	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1928	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1929	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1930	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1931	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1932	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1933	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1934	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1935	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1936	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1937	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1938	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1939	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1940	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1941	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1942	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1943	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1944	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1945	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1946	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1947	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1948	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1949	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1950	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1951	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1952	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1953	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1954	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1955	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1956	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1957	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1958	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1959	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1960	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1961	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1962	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1963	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1964	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1965	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1966	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1967	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1968	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1969	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1970	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1971	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1972	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1973	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1974	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1975	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1976	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1977	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1978	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1979	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1980	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1981	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1982	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1983	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1984	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1985	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1986	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1987	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1988	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1989	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1990	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1991	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1992	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1993	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1994	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1995	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1996	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1997	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1998	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1999	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
2000	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
2001	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
2002	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
2003	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Average	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78

Difference in Energy Use (GWh) At Pumping Plant at Misc: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at Misc: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Energy Use (GWh) At Pumping Plant at O'Neill: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	7.14	10.97	13.46	11.36	7.91	12.74	0.00	0.00	3.44	1.62	2.51	5.30	76.45
1923	Below Normal	6.07	10.99	13.49	12.41	11.35	5.95	0.00	0.00	0.00	3.37	2.52	5.77	71.92
1924	Critical	7.31	11.06	12.11	10.80	4.92	0.00	0.00	0.00	0.00	0.00	0.00	2.61	48.81
1925	Dry	5.08	1.37	13.17	10.54	6.00	4.51	0.00	0.00	0.00	3.43	1.62	2.51	48.23
1926	Dry	5.05	10.30	10.58	10.29	3.42	0.00	0.00	0.00	0.00	1.06	0.00	4.58	45.28
1927	Wet	5.01	11.09	11.78	7.18	10.81	8.35	0.00	0.00	0.00	3.11	3.11	2.99	63.43
1928	Above Normal	2.28	10.53	13.54	11.07	4.89	10.42	0.00	0.00	0.00	1.11	3.86	5.23	62.93
1929	Critical	3.05	5.69	13.54	10.57	8.41	4.04	0.00	0.00	0.00	0.00	4.99	2.24	52.53
1930	Dry	4.43	6.12	10.38	7.37	6.15	4.28	0.00	0.00	0.00	0.30	0.00	1.12	40.15
1931	Critical	3.56	7.83	9.80	10.22	9.60	0.59	0.00	0.00	0.00	0.00	0.00	2.99	44.59
1932	Dry	5.04	5.01	13.96	11.37	12.22	0.00	0.00	0.00	0.00	0.00	2.12	7.89	57.61
1933	Critical	5.23	7.31	13.43	13.06	3.83	1.27	0.00	0.00	0.00	0.00	7.03	7.96	59.12
1934	Critical	5.59	5.12	8.40	1.06	1.01	0.00	0.00	0.00	0.00	0.00	0.00	2.33	23.51
1935	Below Normal	3.96	8.45	13.92	11.68	7.77	4.35	0.00	0.00	0.00	0.46	0.00	5.86	56.45
1936	Below Normal	7.25	9.52	13.57	6.69	4.81	3.02	0.40	0.00	0.00	2.81	0.00	5.78	53.85
1937	Below Normal	7.14	10.94	12.92	7.74	3.14	1.29	2.20	1.51	0.00	0.00	0.00	5.84	52.72
1938	Wet	4.52	11.08	12.03	2.55	2.50	5.75	5.35	10.91	10.23	6.84	1.98	5.06	78.80
1939	Dry	5.38	0.00	13.46	10.77	11.02	1.47	0.00	0.00	0.00	3.82	0.52	5.83	52.27
1940	Above Normal	4.55	9.50	6.88	8.03	8.93	10.45	0.00	0.00	0.00	1.55	3.30	2.70	55.89
1941	Wet	3.68	7.18	14.14	14.04	13.28	10.50	0.00	0.00	1.98	1.89	2.73	5.40	74.82
1942	Wet	3.97	11.00	14.04	14.81	12.86	10.23	0.00	0.00	4.55	1.59	3.88	5.29	82.22
1943	Wet	4.96	10.99	12.45	14.80	12.03	14.29	1.41	0.00	0.63	1.65	2.54	5.31	81.06
1944	Dry	4.66	10.99	13.49	10.83	9.74	4.01	0.00	0.00	0.00	3.47	0.00	2.15	59.34
1945	Below Normal	4.68	11.09	12.67	11.04	12.97	10.36	0.00	0.00	0.00	2.65	3.33	5.67	74.46
1946	Below Normal	7.26	11.03	13.52	14.33	11.34	7.13	0.00	0.00	0.00	2.70	3.37	5.68	76.36
1947	Dry	7.26	11.03	13.52	13.44	9.09	0.00	0.00	0.00	0.00	3.38	0.15	4.82	62.69
1948	Below Normal	4.89	11.06	11.12	5.93	0.24	4.32	0.00	0.00	0.00	2.06	4.70	5.90	50.22
1949	Dry	7.39	11.09	13.58	10.34	8.65	2.03	0.00	0.00	0.00	2.73	1.75	5.69	63.25
1950	Below Normal	7.25	11.03	13.52	6.65	5.90	7.55	0.00	0.00	0.00	2.99	2.02	5.82	62.73
1951	Above Normal	7.34	11.07	14.49	14.88	2.67	3.92	0.00	0.00	0.00	0.00	3.34	5.67	63.38
1952	Wet	4.10	11.03	12.48	13.90	12.70	12.19	1.84	3.54	10.23	2.63	1.98	5.06	91.68
1953	Wet	3.33	10.97	13.46	9.94	9.85	8.45	0.00	0.00	0.00	3.57	4.06	5.79	69.42
1954	Above Normal	1.12	11.06	12.97	6.07	5.82	7.53	0.00	0.00	0.00	0.00	4.13	5.81	54.51
1955	Dry	3.88	11.07	13.56	11.57	9.50	3.99	0.00	0.00	0.00	3.41	2.36	5.77	65.11
1956	Wet	3.95	10.57	14.48	14.86	13.76	5.28	0.00	0.00	2.94	1.81	2.66	5.37	75.68
1957	Above Normal	4.63	11.00	13.43	10.46	3.48	0.00	0.00	0.00	0.00	3.06	4.69	5.81	56.56
1958	Wet	7.39	11.09	11.74	7.85	11.19	11.11	3.00	0.00	8.67	0.87	2.00	5.06	79.97
1959	Below Normal	4.89	10.97	13.46	6.30	7.13	6.99	0.00	0.00	0.00	3.95	4.36	3.00	61.05
1960	Dry	5.24	8.54	11.51	10.20	5.26	3.90	0.00	0.00	0.00	2.38	0.00	5.83	52.86
1961	Dry	4.96	10.85	13.56	10.58	4.35	6.97	0.00	0.00	0.00	3.41	1.21	5.77	61.66
1962	Below Normal	4.25	10.22	8.85	12.48	7.83	8.88	0.00	0.00	0.00	3.40	3.93	5.16	65.00
1963	Wet	7.32	11.06	11.07	7.32	7.51	7.86	0.00	0.00	0.00	3.32	3.86	0.42	59.74
1964	Dry	3.83	11.05	13.54	10.94	7.18	4.56	0.00	0.00	0.00	3.42	3.94	5.78	64.24
1965	Wet	3.92	6.75	12.41	14.86	13.05	10.23	0.00	0.00	0.00	1.92	2.75	5.40	71.29
1966	Below Normal	3.28	11.00	13.50	12.80	10.40	5.84	0.00	0.00	0.00	3.29	3.83	5.76	69.70
1967	Wet	5.83	9.46	12.05	12.12	9.86	10.44	3.92	2.23	10.23	10.15	1.98	5.06	93.33
1968	Below Normal	6.06	5.82	13.46	10.72	4.80	7.84	0.00	0.00	0.00	3.89	4.31	3.18	60.08
1969	Wet	6.62	10.33	13.56	14.88	13.32	5.76	6.52	9.79	10.23	10.15	1.98	3.84	106.98
1970	Wet	5.81	0.00	13.05	14.78	10.03	3.92	0.00	0.00	0.00	1.05	3.31	4.46	56.41
1971	Wet	4.48	5.22	12.53	10.55	8.39	9.74	0.00	0.00	0.00	3.91	4.33	5.84	64.99
1972	Below Normal	4.69	5.68	13.56	10.31	3.79	3.39	0.00	0.00	0.00	3.61	4.09	4.66	53.78
1973	Above Normal	5.95	11.06	11.61	9.12	11.48	9.81	0.00	0.00	0.00	2.94	3.56	0.00	65.53
1974	Wet	7.28	11.04	13.53	14.85	10.54	7.80	0.00	0.00	1.16	1.48	2.41	5.25	75.34
1975	Wet	7.18	10.99	13.48	10.77	7.76	10.33	0.00	0.00	0.51	2.67	3.35	5.67	72.71
1976	Critical	7.26	10.12	13.52	12.08	11.81	5.86	0.00	0.00	0.00	0.00	0.00	0.00	60.65
1977	Critical	1.84	9.28	9.43	9.44	9.38	0.00	0.00	0.00	0.00	0.00	5.99	0.00	45.36
1978	Above Normal	2.61	2.72	9.27	9.40	13.51	14.33	3.00	0.68	6.44	5.86	2.21	5.16	75.19
1979	Below Normal	5.37	9.90	13.47	12.86	11.17	11.09	0.00	0.00	0.00	2.98	3.59	5.72	76.15
1980	Above Normal	7.28	6.71	13.53	14.85	13.61	5.28	0.25	0.00	4.03	5.32	2.34	0.00	73.20
1981	Dry	6.48	10.98	13.48	10.78	8.29	5.58	0.00	0.00	0.00	3.63	2.08	5.80	67.10
1982	Wet	7.33	11.06	11.54	12.59	13.29	8.71	6.60	4.02	7.00	1.98	1.98	5.06	91.16
1983	Wet	10.46	12.93	14.43	6.58	6.60	5.77	6.59	9.64	10.23	10.15	5.89	7.90	107.17
1984	Wet	3.51	3.28	4.46	6.58	6.60	3.94	0.00	0.00	0.00	2.66	3.33	5.67	40.03
1985	Dry	3.63	11.03	13.52	10.84	9.00	5.53	0.00	0.00	0.00	3.31	3.49	5.76	66.11
1986	Wet	7.31	11.05	13.54	6.33	13.26	10.35	2.93	1.32	7.63	2.43	3.11	0.00	79.26
1987	Dry	2.32	1.76	13.57	10.56	8.36	3.79	0.00	0.00	0.00	4.24	0.00	2.14	46.74
1988	Critical	7.38	9.95	10.32	7.13	0.42	0.00	0.00	0.00	0.00	0.71	4.98	0.00	40.89
1989	Dry	2.13	6.66	9.49	10.25	1.62	0.00	0.00	0.00	0.00	3.90	0.00	5.84	39.89
1990	Critical	3.53	7.99	12.46	9.82	4.79	0.00	0.00	0.00	0.00	0.42	3.79	0.00	42.80
1991	Critical	4.00	6.66	8.93	1.62	4.28	0.74	0.00	0.00	0.00	0.00	4.23	0.24	30.70
1992	Critical	0.94	8.66	5.59	5.57	3.91	4.79	0.00	0.00	0.00	6.25	6.66	0.00	42.37
1993	Above Normal	0.68	6.50	11.07	10.29	11.86	9.32	0.00	0.00	2.91	2.92	3.54	5.71	64.80
1994	Critical	5.92	11.04	13.53	10.19	8.31	4.22	0.00	0.00	0.00	5.08	5.40	5.07	68.76
1995	Wet	2.69	11.55	11.10	9.68	10.88	14.16	2.79	11.14	8.66	10.38	2.30	5.14	100.47
1996	Wet	1.52	3.59	12.13	8.67	11.92	12.72	0.00	0.00	0.00	2.25	3.02	5.52	61.34
1997	Wet	2.57	11.02	14.46	14.82	13.14	9.98	0.00	0.00	0.00	0.95	4.09	5.38	76.41
1998	Wet	2.99	5.28	13.49	9.44	13.09	14.26	3.41	2.79	10.24	10.15	2.04	5.07	92.25
1999	Wet	7.14	11.03	13.41	13.29	11.02	10.40	0.00	0.00	0.00	3.12	3.70	3.95	77.06
2000	Above Normal	0.88	11.05	12.24	6.63	11.89	10.40	0.00	0.00	0.00	0.00	3.69	5.74	62.52
2001	Dry	1.81	11.05	12.62	11.16	7.49	5.76	0.00	0.00	0.00	3.66	0.00	2.58	56.13
2002	Dry	6.69	7.51	12.46	8.23	6.08	4.43	0.00	0.00	0.00	3.84	4.27	4.45	57.96
2003	Above Normal	7.06	11.07	11.91	6.90	8.54	7.09	0.00	0.00	0.00	3.31	3.85	3.22	62.95
	Average	4.93	9.01	12.35	10.25	8.42	6.27	0.61	0.70	1.49	2.86	2.76	4.35	64.00
	Wet	5.19	9.26	12.57	11.08	10.74	9.33	1.71	2.13	4.04	3.95	3.01	4.81	77.81
	Above Normal	4.29	9.44	12.03	9.92	8.72	8.44	0.27	0.06	1.40	2.31	3.42	4.20	64.49
	Below Normal	5.50	9.84	12.93	10.14	7.33	6.29	0.19	0.11	0.00	2.73	2.86	5.27	63.18
	Dry	4.74	8.13	12.75	10.56	7.41	3.38	0.00	0.00	0.00	2.97	1.31	4.68	55.92
	Critical	4.63	8.39	10.92	8.46	5.89	1.79	0.00	0.00	0.00	1.04	3.59	1.95	46.67

Energy Use (GWh) At Pumping Plant at O'Neill: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	7.14	10.97	13.46	11.36	7.62	12.75	0.08	0.00	3.22	2.62	3.32	5.80	78.34
1923	Below Normal	6.97	11.46	14.00	12.21	11.32	6.14	0.00	0.00	0.00	4.39	2.94	6.27	75.70
1924	Critical	7.81	10.98	10.80	13.01	5.12	0.00	0.00	0.00	0.00	0.00	0.00	2.59	50.31
1925	Dry	5.05	1.37	13.17	10.54	5.99	4.61	0.00	0.00	0.00	3.92	2.68	2.54	49.87
1926	Dry	5.33	11.26	10.80	10.55	3.54	0.00	0.00	0.00	0.00	2.42	0.00	4.82	48.72
1927	Wet	5.07	11.17	11.87	7.27	10.76	8.52	0.00	0.00	0.00	4.13	4.25	3.43	66.47
1928	Above Normal	2.88	10.95	14.06	11.68	5.09	10.53	0.00	0.00	0.00	1.76	4.41	5.63	66.99
1929	Critical	3.39	6.10	13.91	10.99	8.54	4.08	0.00	0.00	0.00	0.00	4.99	2.27	54.27
1930	Dry	4.41	5.95	10.38	7.37	6.15	4.28	0.00	0.00	0.00	0.34	0.00	1.11	39.99
1931	Critical	3.57	7.84	9.80	10.22	9.60	0.60	0.00	0.00	0.00	0.00	0.00	2.99	44.62
1932	Dry	5.03	4.82	13.96	11.37	12.28	0.00	0.00	0.00	0.00	0.00	2.91	8.38	58.75
1933	Critical	9.57	10.44	13.96	9.22	2.03	1.31	0.00	0.00	0.00	0.00	7.26	7.42	61.21
1934	Critical	6.04	4.58	9.24	1.18	1.01	0.00	0.00	0.00	0.00	0.00	0.00	2.34	24.39
1935	Below Normal	1.78	8.49	13.92	11.68	7.77	4.51	0.00	0.00	0.00	1.40	0.00	6.34	55.89
1936	Below Normal	7.72	9.96	14.07	7.26	6.38	3.18	0.00	0.00	0.00	3.82	0.00	6.27	58.66
1937	Below Normal	7.63	11.40	13.45	12.07	3.14	1.45	1.70	0.26	0.00	0.55	0.00	6.33	57.98
1938	Wet	5.01	11.54	14.50	5.62	2.49	7.93	4.42	4.32	10.23	6.59	2.40	5.47	80.52
1939	Dry	5.87	0.68	13.87	11.19	11.02	1.49	0.00	0.00	0.00	4.89	0.96	5.97	55.94
1940	Above Normal	6.33	9.96	7.33	8.58	9.14	10.60	0.00	0.00	0.00	2.34	4.67	4.68	63.63
1941	Wet	4.16	7.01	14.45	14.03	13.25	10.43	0.00	0.00	2.78	2.93	3.57	5.91	78.52
1942	Wet	4.53	11.47	14.34	14.81	12.56	10.39	0.00	0.00	5.26	2.58	4.68	5.78	86.40
1943	Wet	5.45	11.46	12.97	14.80	11.32	13.93	0.31	0.00	2.74	2.65	3.34	5.81	84.78
1944	Dry	5.28	11.46	14.01	11.43	9.94	4.13	0.00	0.00	0.00	3.89	0.00	2.49	62.63
1945	Below Normal	5.05	11.43	13.05	11.48	10.03	10.56	0.00	0.00	0.00	3.72	4.19	6.18	75.69
1946	Below Normal	7.00	11.50	14.04	14.18	11.52	7.30	0.00	0.00	0.00	3.74	4.21	6.19	79.68
1947	Dry	7.76	11.50	14.04	14.05	9.20	0.00	0.00	0.00	0.00	3.97	0.49	5.04	66.05
1948	Below Normal	5.22	11.35	11.43	6.30	0.36	4.32	0.00	0.00	0.00	2.10	4.70	5.90	51.68
1949	Dry	7.39	11.09	13.58	10.34	8.66	2.03	0.00	0.00	0.00	2.74	1.76	5.70	63.29
1950	Below Normal	7.26	11.04	13.53	6.66	5.90	7.65	0.00	0.00	0.19	3.55	2.49	6.11	64.38
1951	Above Normal	7.64	11.35	14.49	14.88	2.78	4.08	0.00	0.00	0.00	0.00	4.13	6.16	65.51
1952	Wet	4.59	11.49	13.00	14.49	12.71	10.33	0.00	2.23	10.23	3.04	2.40	5.47	89.98
1953	Wet	3.59	11.38	13.87	8.71	9.80	8.47	0.00	0.00	0.00	4.61	4.90	6.28	71.61
1954	Above Normal	1.62	11.52	13.48	6.66	6.02	7.60	0.00	0.00	0.00	0.00	4.45	6.01	57.36
1955	Dry	4.12	11.26	13.78	11.82	9.58	4.02	0.00	0.00	0.00	3.56	2.45	5.85	66.44
1956	Wet	4.03	10.66	13.63	14.03	13.76	6.82	0.00	0.00	3.81	2.78	3.45	5.86	78.83
1957	Above Normal	5.12	11.46	13.95	11.06	3.66	0.00	0.00	0.00	0.00	3.98	5.43	6.27	60.93
1958	Wet	7.85	11.53	12.23	8.42	11.37	10.36	1.22	0.00	9.18	1.45	2.51	5.52	81.64
1959	Below Normal	5.33	11.39	13.88	6.72	7.16	7.48	0.00	0.00	0.00	4.65	4.93	3.29	64.83
1960	Dry	5.60	8.88	11.87	10.63	5.40	3.90	0.00	0.00	0.00	2.38	0.00	5.83	54.49
1961	Dry	4.96	10.84	13.56	10.58	4.35	6.97	0.00	0.00	0.00	3.41	1.08	5.77	61.52
1962	Below Normal	4.25	10.23	8.85	12.48	7.83	9.03	0.00	0.00	0.00	4.34	4.69	5.64	67.34
1963	Wet	7.79	11.51	11.57	7.90	7.25	8.02	0.00	0.00	0.00	4.31	4.66	0.81	63.82
1964	Dry	4.37	11.52	14.06	11.54	7.38	4.56	0.00	0.00	0.00	3.43	3.95	5.78	66.59
1965	Wet	3.93	6.76	12.42	13.94	11.45	10.40	0.00	0.00	0.00	3.06	3.67	5.96	71.59
1966	Below Normal	3.80	11.47	14.02	13.29	10.57	5.96	0.00	0.00	0.00	4.09	4.48	6.07	73.75
1967	Wet	6.22	9.83	12.45	12.59	9.56	10.32	1.99	1.18	10.23	9.36	2.40	5.47	91.60
1968	Below Normal	6.25	10.69	13.87	11.14	4.80	7.84	0.00	0.00	0.00	4.76	5.01	3.62	67.98
1969	Wet	7.05	10.85	14.02	13.79	13.32	5.76	5.42	10.89	10.23	10.56	2.40	4.92	109.21
1970	Wet	6.20	0.00	13.46	14.78	9.18	3.92	0.00	0.00	0.00	2.04	4.10	4.91	58.59
1971	Wet	4.98	5.68	13.05	11.15	8.57	9.86	0.00	0.00	0.00	4.63	4.90	6.20	69.02
1972	Below Normal	5.06	6.02	13.94	10.75	3.93	3.39	0.00	0.00	0.00	3.62	4.10	4.67	55.48
1973	Above Normal	5.95	11.07	11.61	9.13	11.48	9.97	0.00	0.00	0.00	3.91	4.34	3.88	71.34
1974	Wet	6.39	11.50	14.05	14.51	10.54	10.38	0.00	0.00	2.13	2.57	3.29	5.78	81.14
1975	Wet	7.68	11.46	14.00	11.38	7.97	10.49	0.00	0.00	1.33	3.62	4.11	6.16	78.20
1976	Critical	7.75	10.65	14.04	12.68	11.99	5.86	0.00	0.00	0.00	0.00	0.00	0.00	62.97
1977	Critical	1.71	9.26	9.41	9.42	9.36	0.00	0.00	0.00	0.00	0.00	5.95	0.00	45.11
1978	Above Normal	2.62	2.68	9.28	9.40	12.51	14.34	1.91	0.00	7.31	5.27	3.18	5.74	74.24
1979	Below Normal	5.89	11.45	14.00	13.32	11.29	10.57	0.00	0.00	0.00	3.95	4.37	6.21	81.05
1980	Above Normal	7.78	7.18	14.05	14.85	13.71	5.24	0.27	0.00	4.73	4.38	3.16	2.95	78.30
1981	Dry	5.41	10.07	14.00	11.38	8.48	4.08	0.00	0.00	0.00	4.62	2.87	6.26	67.17
1982	Wet	7.79	11.49	12.02	13.15	11.67	10.28	6.60	2.68	7.41	2.39	2.40	5.47	93.35
1983	Wet	7.55	12.93	14.43	10.92	6.60	5.77	6.59	9.64	10.23	10.15	6.30	8.31	109.42
1984	Wet	3.51	3.28	4.46	6.58	6.60	3.94	0.00	0.00	0.00	3.63	4.12	6.16	42.28
1985	Dry	4.12	11.49	14.04	11.44	9.19	5.65	0.00	0.00	0.00	4.02	4.06	6.12	70.13
1986	Wet	7.67	11.39	13.92	6.77	12.22	11.47	2.85	0.63	8.18	3.40	3.89	0.00	82.39
1987	Dry	2.82	3.35	14.09	11.16	8.55	3.80	0.00	0.00	0.00	4.23	0.00	2.14	50.14
1988	Critical	7.39	9.97	10.33	7.14	0.42	0.00	0.00	0.00	0.00	0.57	4.99	0.00	40.81
1989	Dry	2.13	6.66	9.48	10.25	1.63	0.00	0.00	0.00	0.00	3.90	0.00	5.84	39.89
1990	Critical	3.53	7.98	12.46	9.82	4.79	0.00	0.00	0.00	0.00	0.42	3.80	0.00	42.80
1991	Critical	4.00	6.66	8.92	1.62	4.28	0.74	0.00	0.00	0.00	0.00	4.29	0.24	30.75
1992	Critical	0.94	8.66	5.59	5.52	3.91	4.79	0.00	0.00	0.00	6.26	6.66	0.00	42.33
1993	Above Normal	0.68	6.49	11.06	10.29	11.65	9.37	0.00	0.00	3.79	3.90	4.34	6.21	67.78
1994	Critical	6.42	11.50	14.05	10.79	8.50	4.22	0.00	0.00	0.00	5.09	5.40	5.09	71.06
1995	Wet	2.71	11.55	11.10	9.68	9.76	12.30	2.09	5.09	9.70	11.64	3.28	5.72	94.62
1996	Wet	2.06	9.36	12.66	9.28	11.78	10.86	0.00	0.00	0.00	3.38	3.92	6.07	69.37
1997	Wet	2.80	11.49	14.33	14.83	13.15	10.16	0.00	0.00	0.24	0.00	4.91	5.89	77.80
1998	Wet	3.82	5.23	14.01	10.03	11.77	14.20	2.92	1.87	10.32	10.30	2.56	5.53	92.56
1999	Wet	7.56	11.45	13.73	13.71	11.04	10.40	0.00	0.00	0.00	4.07	4.47	4.17	80.60
2000	Above Normal	1.53	11.51	12.79	7.23	12.07	10.55	0.00	0.00	0.03	0.00	4.43	6.20	66.34
2001	Dry	2.26	11.49	13.46	11.73	7.67	5.78	0.00	0.00	0.00	3.83	0.00	2.67	58.89
2002	Dry	6.78	7.59	12.55	8.34	6.10	4.43	0.00	0.00	0.00	3.85	4.28	4.36	58.28
2003	Above Normal	7.07	11.08	11.91	6.91	8.54	7.20	0.00	0.00	0.00	3.97	4.39	3.57	64.64
	Average	5.20	9.43	12.65	10.56	8.31	6.33	0.47	0.47	1.63	3.32	3.22	4.74	66.33
	Wet	5.38	9.75	12.94	11.43	10.40	9.45	1.32	1.48	4.39	4.61	3.73	5.27	80.17
	Above Normal	4.70	9.69	12.29	10.17	8.69	8.52	0.19	0.00	1.59	2.68	4.19	5.26	67.95
	Below Normal	5.66	10.56	13.29	10.68	7.29	6.38	0.12	0.02	0.01	3.48	3.29	5.65	66.44
	Dry	4.93	8.40	13.04	10.87	7.51	3.32	0.00	0.00	0.00	3.30	1.53	4.82	57.71
	Critical	5.18	8.72	11.04	8.47	5.80	1.80	0.00	0.00	0.00	1.03	3.61	1.91	47.55

Difference in Energy Use (GWh) At Pumping Plant at O'Neill: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	(0.29)	0.01	0.08	0.00	(0.22)	1.00	0.81	0.50	0.16
1923	Below Normal	0.90	0.47	0.51	(0.20)	(0.03)	0.19	0.00	0.00	0.00	1.02	0.42	0.50	0.32
1924	Critical	0.50	(0.08)	(1.31)	2.21	0.20	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.13
1925	Dry	(0.03)	0.00	0.00	0.00	(0.01)	0.10	0.00	0.00	0.00	0.49	1.06	0.03	0.14
1926	Dry	0.28	0.96	0.22	0.26	0.12	0.00	0.00	0.00	0.00	1.36	0.00	0.24	0.29
1927	Wet	0.06	0.08	0.09	0.09	(0.05)	0.17	0.00	0.00	0.00	1.02	1.14	0.44	0.25
1928	Above Normal	0.60	0.42	0.52	0.61	0.20	0.11	0.00	0.00	0.00	0.65	0.55	0.40	0.34
1929	Critical	0.34	0.41	0.37	0.42	0.13	0.04	0.00	0.00	0.00	0.00	0.00	0.03	0.15
1930	Dry	(0.02)	(0.17)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	(0.01)	(0.01)
1931	Critical	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	(0.01)	(0.19)	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.79	0.49	0.10
1933	Critical	4.34	3.13	0.53	(3.84)	(1.80)	0.04	0.00	0.00	0.00	0.00	0.23	(0.54)	0.17
1934	Critical	0.45	(0.54)	0.84	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07
1935	Below Normal	(2.18)	0.04	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.94	0.00	0.48	(0.05)
1936	Below Normal	0.47	0.44	0.50	0.57	1.57	0.16	(0.40)	0.00	0.00	1.01	0.00	0.49	0.40
1937	Below Normal	0.49	0.46	0.53	4.33	0.00	0.16	(0.50)	(1.25)	0.00	0.55	0.00	0.49	0.44
1938	Wet	0.49	0.46	2.47	3.07	(0.01)	2.18	(0.93)	(6.59)	0.00	(0.25)	0.42	0.41	0.14
1939	Dry	0.49	0.68	0.41	0.42	0.00	0.02	0.00	0.00	0.00	1.07	0.44	0.14	0.31
1940	Above Normal	1.78	0.46	0.45	0.55	0.21	0.15	0.00	0.00	0.00	0.79	1.37	1.98	0.65
1941	Wet	0.48	(0.17)	0.31	(0.01)	(0.03)	(0.07)	0.00	0.00	0.80	1.04	0.84	0.51	0.31
1942	Wet	0.56	0.47	0.30	0.00	(0.30)	0.16	0.00	0.00	0.71	0.99	0.80	0.49	0.35
1943	Wet	0.49	0.47	0.52	0.00	(0.71)	(0.36)	(1.10)	0.00	2.11	1.00	0.80	0.50	0.31
1944	Dry	0.62	0.47	0.52	0.60	0.20	0.12	0.00	0.00	0.00	0.42	0.00	0.34	0.27
1945	Below Normal	0.37	0.34	0.38	0.44	(2.94)	0.20	0.00	0.00	0.00	1.07	0.86	0.51	0.10
1946	Below Normal	(0.26)	0.47	0.52	(0.15)	0.18	0.17	0.00	0.00	0.00	1.04	0.84	0.51	0.28
1947	Dry	0.50	0.47	0.52	0.61	0.11	0.00	0.00	0.00	0.00	0.59	0.34	0.22	0.28
1948	Below Normal	0.33	0.29	0.31	0.37	0.12	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.12
1949	Dry	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00
1950	Below Normal	0.01	0.01	0.01	0.01	0.00	0.10	0.00	0.00	0.19	0.56	0.47	0.29	0.14
1951	Above Normal	0.30	0.28	0.00	0.00	0.11	0.16	0.00	0.00	0.00	0.00	0.79	0.49	0.18
1952	Wet	0.49	0.46	0.52	0.59	0.01	(1.86)	(1.84)	(1.31)	0.00	0.41	0.42	0.41	(0.14)
1953	Wet	0.26	0.41	0.41	(1.23)	(0.05)	0.02	0.00	0.00	0.00	1.04	0.84	0.49	0.18
1954	Above Normal	0.50	0.46	0.51	0.59	0.20	0.07	0.00	0.00	0.00	0.00	0.32	0.20	0.24
1955	Dry	0.24	0.19	0.22	0.25	0.08	0.03	0.00	0.00	0.00	0.15	0.09	0.08	0.11
1956	Wet	0.08	0.09	(0.85)	(0.83)	0.00	1.54	0.00	0.00	0.87	0.97	0.79	0.49	0.26
1957	Above Normal	0.49	0.46	0.52	0.60	0.18	0.00	0.00	0.00	0.00	0.92	0.74	0.46	0.36
1958	Wet	0.46	0.44	0.49	0.57	0.18	(0.75)	(1.78)	0.00	0.51	0.58	0.51	0.46	0.14
1959	Below Normal	0.44	0.42	0.42	0.42	0.03	0.49	0.00	0.00	0.00	0.70	0.57	0.29	0.32
1960	Dry	0.36	0.34	0.36	0.43	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
1961	Dry	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.13)	0.00	(0.01)
1962	Below Normal	0.00	0.01	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.94	0.76	0.48	0.20
1963	Wet	0.47	0.45	0.50	0.58	(0.26)	0.16	0.00	0.00	0.00	0.99	0.80	0.39	0.34
1964	Dry	0.54	0.47	0.52	0.60	0.20	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.20
1965	Wet	0.01	0.01	0.01	(0.92)	(1.60)	0.17	0.00	0.00	0.00	1.14	0.92	0.56	0.02
1966	Below Normal	0.52	0.47	0.52	0.49	0.17	0.12	0.00	0.00	0.00	0.80	0.65	0.31	0.34
1967	Wet	0.39	0.37	0.40	0.47	(0.30)	(0.12)	(1.93)	(1.05)	0.00	(0.79)	0.42	0.41	(0.14)
1968	Below Normal	0.19	4.87	0.41	0.42	0.00	0.00	0.00	0.00	0.00	0.87	0.70	0.44	0.66
1969	Wet	0.43	0.52	0.46	(1.09)	0.00	0.00	(1.10)	1.10	0.00	0.41	0.42	1.08	0.19
1970	Wet	0.39	0.00	0.41	0.00	(0.85)	0.00	0.00	0.00	0.00	0.99	0.79	0.45	0.18
1971	Wet	0.50	0.46	0.52	0.60	0.18	0.12	0.00	0.00	0.00	0.72	0.57	0.36	0.34
1972	Below Normal	0.37	0.34	0.38	0.44	0.14	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.14
1973	Above Normal	0.00	0.01	0.00	0.01	0.00	0.16	0.00	0.00	0.00	0.97	0.78	3.88	0.48
1974	Wet	(0.89)	0.46	0.52	(0.34)	0.00	2.58	0.00	0.00	0.97	1.09	0.88	0.53	0.48
1975	Wet	0.50	0.47	0.52	0.61	0.21	0.16	0.00	0.00	0.82	0.95	0.76	0.49	0.46
1976	Critical	0.49	0.53	0.52	0.60	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19
1977	Critical	(0.13)	(0.02)	(0.02)	(0.02)	(0.02)	0.00	0.00	0.00	0.00	0.00	(0.04)	0.00	(0.02)
1978	Above Normal	0.01	(0.04)	0.01	0.00	(1.00)	0.01	(1.09)	(0.68)	0.87	(0.59)	0.97	0.58	(0.08)
1979	Below Normal	0.52	1.55	0.53	0.46	0.12	(0.52)	0.00	0.00	0.00	0.97	0.78	0.49	0.41
1980	Above Normal	0.50	0.47	0.52	0.00	0.10	(0.04)	0.02	0.00	0.70	(0.94)	0.82	2.95	0.43
1981	Dry	(1.07)	(0.91)	0.52	0.60	0.19	(1.50)	0.00	0.00	0.00	0.99	0.79	0.46	0.01
1982	Wet	0.46	0.43	0.48	0.56	(1.62)	1.57	0.00	(1.34)	0.41	0.41	0.42	0.41	0.18
1983	Wet	(2.91)	0.00	0.00	4.34	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.41	0.19
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.79	0.49	0.19
1985	Dry	0.49	0.46	0.52	0.60	0.19	0.12	0.00	0.00	0.00	0.71	0.57	0.36	0.34
1986	Wet	0.36	0.34	0.38	0.44	(1.04)	1.12	(0.08)	(0.69)	0.55	0.97	0.78	0.00	0.26
1987	Dry	0.50	1.59	0.52	0.60	0.19	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	0.28
1988	Critical	0.01	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	(0.14)	0.01	0.00	(0.01)
1989	Dry	0.00	0.00	(0.01)	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1991	Critical	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
1992	Critical	0.00	0.00	0.00	(0.05)	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1993	Above Normal	0.00	(0.01)	(0.01)	0.00	(0.21)	0.05	0.00	0.00	0.88	0.98	0.80	0.50	0.25
1994	Critical	0.50	0.46	0.52	0.60	0.19	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.19
1995	Wet	0.02	0.00	0.00	0.00	(1.12)	(1.86)	(0.70)	(6.05)	1.04	1.26	0.98	0.58	(0.49)
1996	Wet	0.54	5.77	0.53	0.61	(0.14)	(1.86)	0.00	0.00	0.00	1.13	0.90	0.55	0.67
1997	Wet	0.23	0.47	(0.13)	0.01	0.01	0.18	0.00	0.00	0.24	(0.95)	0.82	0.51	0.12
1998	Wet	0.83	(0.05)	0.52	0.59	(1.32)	(0.06)	(0.49)	(0.92)	0.08	0.15	0.52	0.46	0.03
1999	Wet	0.42	0.42	0.32	0.42	0.02	0.00	0.00	0.00	0.00	0.95	0.77	0.22	0.30
2000	Above Normal	0.65	0.46	0.55	0.60	0.18	0.15	0.00	0.00	0.03	0.00	0.74	0.46	0.32
2001	Dry	0.45	0.44	0.84	0.57	0.18	0.02	0.00	0.00	0.00	0.17	0.00	0.09	0.23
2002	Dry	0.09	0.08	0.09	0.11	0.02	0.00	0.00	0.00	0.00	0.01	0.01	(0.09)	0.03
2003	Above Normal	0.01	0.01	0.00	0.01	0.00	0.11	0.00	0.00	0.00	0.66	0.54	0.35	0.14
	Average	0.27	0.42	0.30	0.31	(0.11)	0.06	(0.14)	(0.23)	0.14	0.46	0.46	0.39	0.20
	Wet	0.20	0.49	0.37	0.35	(0.34)	0.12	(0.38)	(0.65)	0.35	0.66	0.71	0.47	0.20
	Above Normal	0.40	0.25	0.26	0.25	(0.03)	0.08	(0.08)	(0.06)	0.19	0.37	0.77	1.06	0.29
	Below Normal	0.16	0.73	0.36	0.54	(0.05)	0.10	(0.06)	(0.09)	0.01	0.75	0.43	0.38	0.27
	Dry	0.19	0.27	0.29	0.31	0.09	(0.06)	0.00	0.00	0.00	0.33	0.22	0.13	0.15
	Critical	0.54	0.33	0.12	0.00	(0.09)	0.01	0.00	0.00	0.00	(0.01)	0.02	(0.04)	0.07

Percent Difference in Energy Use (GWh) At Pumping Plant at O'Neill: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	-4%	0%	-	0%	-6%	62%	32%	9%
1923	Below Normal	15%	4%	4%	-2%	0%	3%	0%	0%	0%	30%	17%	9%
1924	Critical	7%	-1%	-11%	20%	4%	0%	0%	0%	0%	0%	0%	-1%
1925	Dry	-1%	0%	0%	0%	0%	2%	0%	0%	0%	14%	65%	1%
1926	Dry	6%	9%	2%	3%	4%	0%	0%	0%	0%	128%	0%	5%
1927	Wet	1%	1%	1%	1%	0%	2%	0%	0%	0%	33%	37%	15%
1928	Above Normal	26%	4%	4%	6%	4%	1%	0%	0%	0%	59%	14%	8%
1929	Critical	11%	7%	3%	4%	2%	1%	0%	0%	0%	0%	0%	1%
1930	Dry	0%	-3%	0%	0%	0%	0%	0%	0%	0%	13%	0%	-1%
1931	Critical	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	37%	6%
1933	Critical	83%	43%	4%	-29%	-47%	3%	0%	0%	0%	0%	3%	-7%
1934	Critical	8%	-11%	10%	11%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	-55%	0%	0%	0%	0%	4%	0%	0%	0%	204%	0%	8%
1936	Below Normal	6%	5%	4%	9%	33%	5%	-100%	0%	0%	36%	0%	8%
1937	Below Normal	7%	4%	4%	56%	0%	12%	-23%	-83%	0%	-	0%	8%
1938	Wet	11%	4%	21%	120%	0%	38%	-17%	-60%	0%	-4%	21%	8%
1939	Dry	9%	-	3%	4%	0%	1%	0%	0%	0%	28%	85%	2%
1940	Above Normal	39%	5%	7%	7%	2%	1%	0%	0%	0%	51%	42%	73%
1941	Wet	13%	-2%	2%	0%	0%	-1%	0%	0%	40%	55%	31%	9%
1942	Wet	14%	4%	2%	0%	-2%	2%	0%	0%	16%	62%	21%	9%
1943	Wet	10%	4%	4%	0%	-6%	-3%	-78%	0%	335%	61%	31%	9%
1944	Dry	13%	4%	4%	6%	2%	3%	0%	0%	0%	12%	0%	16%
1945	Below Normal	8%	3%	3%	4%	-23%	2%	0%	0%	0%	40%	26%	9%
1946	Below Normal	-4%	4%	4%	-1%	2%	2%	0%	0%	0%	39%	25%	9%
1947	Dry	7%	4%	4%	5%	1%	0%	0%	0%	0%	17%	227%	5%
1948	Below Normal	7%	3%	3%	6%	50%	0%	0%	0%	0%	2%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1950	Below Normal	0%	0%	0%	0%	0%	1%	0%	0%	-	19%	23%	5%
1951	Above Normal	4%	3%	0%	0%	4%	4%	0%	0%	0%	0%	24%	9%
1952	Wet	12%	4%	4%	4%	0%	-15%	-100%	-37%	0%	16%	21%	8%
1953	Wet	8%	4%	3%	-12%	-1%	0%	0%	0%	0%	29%	21%	8%
1954	Above Normal	45%	4%	4%	10%	3%	1%	0%	0%	0%	0%	8%	3%
1955	Dry	6%	2%	2%	2%	1%	1%	0%	0%	0%	4%	4%	1%
1956	Wet	2%	1%	-6%	-6%	0%	29%	0%	0%	30%	54%	30%	9%
1957	Above Normal	11%	4%	4%	6%	5%	0%	0%	0%	0%	30%	16%	8%
1958	Wet	6%	4%	4%	7%	2%	-7%	-59%	0%	6%	67%	26%	9%
1959	Below Normal	9%	4%	3%	7%	0%	7%	0%	0%	0%	18%	13%	10%
1960	Dry	7%	4%	3%	4%	3%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-11%	0%
1962	Below Normal	0%	0%	0%	0%	0%	2%	0%	0%	0%	28%	19%	9%
1963	Wet	6%	4%	5%	8%	-3%	2%	0%	0%	0%	30%	21%	93%
1964	Dry	14%	4%	4%	5%	3%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	-6%	-12%	2%	0%	0%	0%	59%	33%	10%
1966	Below Normal	16%	4%	4%	4%	2%	2%	0%	0%	0%	24%	17%	5%
1967	Wet	7%	4%	3%	4%	-3%	-1%	-49%	-47%	0%	-8%	21%	8%
1968	Below Normal	3%	84%	3%	4%	0%	0%	0%	0%	0%	22%	16%	14%
1969	Wet	6%	5%	3%	-7%	0%	0%	-17%	11%	0%	4%	21%	28%
1970	Wet	7%	0%	3%	0%	-8%	0%	0%	0%	0%	94%	24%	10%
1971	Wet	11%	9%	4%	6%	2%	1%	0%	0%	0%	18%	13%	6%
1972	Below Normal	8%	6%	3%	4%	4%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	2%	0%	0%	0%	33%	22%	-
1974	Wet	-12%	4%	4%	-2%	0%	33%	0%	0%	84%	74%	37%	10%
1975	Wet	7%	4%	4%	6%	3%	2%	0%	0%	161%	36%	23%	9%
1976	Critical	7%	5%	4%	5%	2%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	-7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1978	Above Normal	0%	-1%	0%	0%	-7%	0%	-36%	-100%	14%	-10%	44%	11%
1979	Below Normal	10%	16%	4%	4%	1%	-5%	0%	0%	0%	33%	22%	9%
1980	Above Normal	7%	7%	4%	0%	1%	-1%	8%	0%	17%	-18%	35%	-
1981	Dry	-17%	-8%	4%	6%	2%	-27%	0%	0%	0%	27%	38%	8%
1982	Wet	6%	4%	4%	4%	-12%	18%	0%	-33%	6%	21%	21%	8%
1983	Wet	-28%	0%	0%	66%	0%	0%	0%	0%	0%	0%	7%	5%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	36%	24%	9%
1985	Dry	13%	4%	4%	6%	2%	2%	0%	0%	0%	21%	16%	6%
1986	Wet	5%	3%	3%	7%	-8%	11%	-3%	-52%	7%	40%	25%	0%
1987	Dry	22%	90%	4%	6%	2%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-20%	0%	0%
1989	Dry	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1992	Critical	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	-2%	1%	0%	0%	30%	34%	23%	9%
1994	Critical	8%	4%	4%	6%	2%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	1%	0%	0%	0%	-10%	-13%	-25%	-54%	12%	12%	43%	11%
1996	Wet	36%	161%	4%	7%	-1%	-15%	0%	0%	0%	50%	30%	10%
1997	Wet	9%	4%	-1%	0%	0%	2%	0%	0%	-	-100%	20%	9%
1998	Wet	28%	-1%	4%	6%	-10%	0%	-14%	-33%	1%	1%	25%	9%
1999	Wet	6%	4%	2%	3%	0%	0%	0%	0%	0%	30%	21%	6%
2000	Above Normal	74%	4%	4%	9%	2%	1%	0%	0%	-	0%	20%	8%
2001	Dry	25%	4%	7%	5%	2%	0%	0%	0%	0%	5%	0%	3%
2002	Dry	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	-2%
2003	Above Normal	0%	0%	0%	0%	0%	2%	0%	0%	0%	20%	14%	11%
	Average	8%	7%	2%	5%	0%	2%	-6%	-6%	10%	22%	19%	8%
	Wet	7%	9%	3%	8%	-3%	3%	-14%	-12%	27%	30%	25%	13%
	Above Normal	17%	2%	2%	3%	1%	1%	-2%	-8%	5%	22%	24%	12%
	Below Normal	2%	10%	3%	7%	5%	3%	-9%	-6%	0%	35%	13%	7%
	Dry	6%	6%	2%	3%	1%	-1%	0%	0%	0%	15%	26%	3%
	Critical	10%	4%	1%	1%	-3%	0%	0%	0%	0%	-2%	0%	0%

Energy Use (GWh) At Pumping Plant at Red Bluff: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.04	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.18	0.23
1923	Below Normal	0.05	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.01	0.13
1924	Critical	0.10	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.10	0.23
1925	Dry	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.06
1926	Dry	0.11	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.13
1927	Wet	0.05	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.19	0.25
1928	Above Normal	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.11
1929	Critical	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
1930	Dry	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.13
1931	Critical	0.07	0.01	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.09	0.21
1932	Dry	0.06	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.06	0.14
1933	Critical	0.07	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.08	0.18
1934	Critical	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.17
1935	Below Normal	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06
1936	Below Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.08
1937	Below Normal	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.13
1938	Wet	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.18
1939	Dry	0.09	0.00	0.00	0.00	0.07	0.09	0.00	0.00	0.00	0.00	0.00	0.08	0.33
1940	Above Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.24
1941	Wet	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.26
1942	Wet	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.26
1943	Wet	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.30
1944	Dry	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.22
1945	Below Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.15
1946	Below Normal	0.04	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.27	0.33
1947	Dry	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.29
1948	Below Normal	0.04	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.16	0.22
1949	Dry	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.23
1950	Below Normal	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.15
1951	Above Normal	0.04	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.18	0.24
1952	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.23
1953	Wet	0.16	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.19	0.39
1954	Above Normal	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.33
1955	Dry	0.15	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.12	0.31
1956	Wet	0.08	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.15	0.27
1957	Above Normal	0.11	0.02	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.10	0.28
1958	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.23
1959	Below Normal	0.15	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.11	0.30
1960	Dry	0.13	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.17
1961	Dry	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.11
1962	Below Normal	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.26
1963	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.23
1964	Dry	0.07	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.12	0.23
1965	Wet	0.05	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.14	0.22
1966	Below Normal	0.15	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.13	0.30
1967	Wet	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.34
1968	Below Normal	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.27
1969	Wet	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.27
1970	Wet	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.18
1971	Wet	0.09	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.14	0.27
1972	Below Normal	0.14	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.31
1973	Above Normal	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.21
1974	Wet	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.25
1975	Wet	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.27
1976	Critical	0.05	0.00	0.00	0.00	0.07	0.05	0.00	0.00	0.00	0.00	0.00	0.03	0.20
1977	Critical	0.05	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.07	0.16
1978	Above Normal	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.18
1979	Below Normal	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.22
1980	Above Normal	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.21
1981	Dry	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.26
1982	Wet	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.10
1983	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.18
1984	Wet	0.13	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.15	0.31
1985	Dry	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.25
1986	Wet	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.15
1987	Dry	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.22
1988	Critical	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1989	Dry	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.12
1990	Critical	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1991	Critical	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.12
1992	Critical	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.12
1993	Above Normal	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.21
1994	Critical	0.11	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.26	0.40
1995	Wet	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.30
1996	Wet	0.17	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.38
1997	Wet	0.07	0.01	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.10	0.22
1998	Wet	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.28
1999	Wet	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.30
2000	Above Normal	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.33
2001	Dry	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.07
2002	Dry	0.07	0.01	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.25	0.36
2003	Above Normal	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.35
	Average	0.09	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.12	0.22
	Wet	0.09	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.16	0.25
	Above Normal	0.08	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.16	0.24
	Below Normal	0.10	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.08	0.21
	Dry	0.09	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.09	0.20
	Critical	0.07	0.01	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.07	0.17

Energy Use (GWh) At Pumping Plant at Red Bluff: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.04	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.18	0.23
1923	Below Normal	0.05	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.01	0.13
1924	Critical	0.10	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.11	0.25
1925	Dry	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.06
1926	Dry	0.11	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.13
1927	Wet	0.05	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.19	0.25
1928	Above Normal	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.12
1929	Critical	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
1930	Dry	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.13
1931	Critical	0.07	0.01	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.09	0.21
1932	Dry	0.06	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.06	0.14
1933	Critical	0.07	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.08	0.18
1934	Critical	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.17
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
1936	Below Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.08
1937	Below Normal	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.13
1938	Wet	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.18
1939	Dry	0.09	0.00	0.00	0.00	0.07	0.09	0.00	0.00	0.00	0.00	0.00	0.07	0.32
1940	Above Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.24
1941	Wet	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.26
1942	Wet	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.26
1943	Wet	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.30
1944	Dry	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.22
1945	Below Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.15
1946	Below Normal	0.04	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.27	0.33
1947	Dry	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.28
1948	Below Normal	0.04	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.16	0.22
1949	Dry	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.23
1950	Below Normal	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.15
1951	Above Normal	0.04	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.18	0.24
1952	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.23
1953	Wet	0.16	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.19	0.39
1954	Above Normal	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.33
1955	Dry	0.15	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.12	0.31
1956	Wet	0.08	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.15	0.27
1957	Above Normal	0.11	0.02	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.10	0.28
1958	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.23
1959	Below Normal	0.15	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.11	0.30
1960	Dry	0.13	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.17
1961	Dry	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.11
1962	Below Normal	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.26
1963	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.23
1964	Dry	0.07	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.12	0.23
1965	Wet	0.05	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.13	0.21
1966	Below Normal	0.15	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.13	0.30
1967	Wet	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.34
1968	Below Normal	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.27
1969	Wet	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.27
1970	Wet	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.18
1971	Wet	0.09	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.14	0.27
1972	Below Normal	0.14	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.31
1973	Above Normal	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.21
1974	Wet	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.25
1975	Wet	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.27
1976	Critical	0.05	0.00	0.00	0.00	0.07	0.05	0.00	0.00	0.00	0.00	0.00	0.03	0.20
1977	Critical	0.05	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.07	0.16
1978	Above Normal	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.18
1979	Below Normal	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.22
1980	Above Normal	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.21
1981	Dry	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.26
1982	Wet	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.10
1983	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.18
1984	Wet	0.13	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.15	0.31
1985	Dry	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.25
1986	Wet	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.15
1987	Dry	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.22
1988	Critical	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1989	Dry	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.12
1990	Critical	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1991	Critical	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.12
1992	Critical	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.12
1993	Above Normal	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.21
1994	Critical	0.10	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.26	0.39
1995	Wet	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.30
1996	Wet	0.17	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.38
1997	Wet	0.07	0.01	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.10	0.22
1998	Wet	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.28
1999	Wet	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.30
2000	Above Normal	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.33
2001	Dry	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.07
2002	Dry	0.07	0.01	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.25	0.36
2003	Above Normal	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.35
	Average	0.08	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.12	0.22
	Wet	0.09	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.16	0.25
	Above Normal	0.08	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.16	0.24
	Below Normal	0.10	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.08	0.20
	Dry	0.09	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.09	0.20
	Critical	0.07	0.01	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.07	0.17

Difference in Energy Use (GWh) At Pumping Plant at Red Bluff: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	(0.05)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Dry	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00
	Critical	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at Red Bluff: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	10%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	17%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	-100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-13%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	-7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-7%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	-9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
	Below Normal	-7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
	Critical	-1%	0%	0%	0%	0%	3%	0%	0%	0%	0%	0%	1%

Energy Use (GWh) At Pumping Plant at San Felipe: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	4.66	5.47	4.31	3.55	1.86	2.46	2.55	3.07	4.09	5.10	6.14	6.00	49.26
1923	Below Normal	3.60	4.20	3.48	3.04	1.67	2.02	2.09	2.49	3.43	4.32	4.88	4.67	39.89
1924	Critical	2.70	3.06	2.52	1.97	0.98	1.70	1.57	1.62	2.01	2.55	3.14	3.72	27.54
1925	Dry	2.37	3.01	2.48	1.50	0.61	1.75	1.64	1.89	2.59	3.31	4.00	4.19	29.34
1926	Dry	2.54	3.07	2.61	1.94	0.93	1.94	1.84	1.97	2.49	3.08	3.63	3.98	30.02
1927	Wet	2.55	2.99	2.28	1.53	0.64	1.56	1.67	2.07	2.98	3.85	4.39	4.32	30.83
1928	Above Normal	2.70	3.35	2.65	2.01	1.10	1.87	1.82	2.24	3.20	4.19	4.83	4.68	34.64
1929	Critical	2.86	3.65	3.15	2.47	1.27	1.50	1.14	1.08	1.23	1.66	2.07	2.36	24.44
1930	Dry	1.53	2.12	1.85	1.02	0.36	1.85	1.73	1.83	2.36	2.96	3.51	3.68	24.80
1931	Critical	2.22	2.83	2.51	1.76	0.75	1.51	1.36	1.43	1.80	2.44	3.20	3.83	25.64
1932	Dry	2.51	3.31	2.60	1.43	0.54	1.49	1.33	1.44	1.93	2.60	3.03	3.15	25.36
1933	Critical	1.96	2.49	2.14	1.41	0.58	1.10	0.96	0.98	1.23	1.78	2.33	2.60	19.56
1934	Critical	1.67	2.25	1.95	1.15	0.45	1.47	1.34	1.41	1.81	2.68	3.68	4.18	24.04
1935	Below Normal	2.70	3.48	2.93	1.84	0.74	1.31	1.22	2.06	2.67	3.34	3.99	4.04	30.32
1936	Below Normal	2.38	2.91	2.46	1.76	0.73	1.44	1.38	1.59	2.22	2.89	3.39	3.44	26.59
1937	Below Normal	2.06	2.42	1.94	1.44	0.71	1.07	1.30	1.41	1.77	2.23	2.80	3.16	22.31
1938	Wet	1.99	2.21	1.65	1.20	0.61	1.86	2.00	1.99	2.29	2.85	3.65	3.90	26.20
1939	Dry	2.53	3.32	2.96	2.65	1.58	1.87	2.04	2.42	3.43	4.55	5.34	5.42	38.11
1940	Above Normal	3.38	4.39	4.02	3.14	1.44	2.55	2.26	2.63	3.56	4.60	5.37	5.32	42.66
1941	Wet	3.26	4.11	3.51	2.52	1.02	1.98	2.04	2.41	3.33	4.33	5.19	5.12	38.82
1942	Wet	3.21	3.98	3.35	2.73	1.37	2.14	2.38	3.01	4.28	5.58	3.90	6.59	42.52
1943	Wet	4.14	5.04	4.32	3.56	1.74	2.34	2.29	2.82	4.15	5.74	7.13	7.20	50.47
1944	Dry	4.57	5.78	4.82	4.00	2.16	2.50	2.28	2.49	3.19	3.89	4.37	4.73	44.78
1945	Below Normal	3.05	3.49	2.60	1.70	0.69	1.44	1.72	2.16	3.31	4.54	5.27	5.22	35.19
1946	Below Normal	3.07	3.21	2.41	1.92	0.97	1.58	1.77	2.20	3.34	4.52	5.23	5.14	35.36
1947	Dry	3.02	3.28	2.56	2.09	1.11	1.77	1.92	2.33	3.42	4.55	5.46	5.62	37.13
1948	Below Normal	3.35	3.90	3.32	2.84	1.61	2.82	2.74	2.90	3.42	4.01	4.42	4.24	39.57
1949	Dry	2.47	3.03	2.48	1.60	0.67	1.64	2.02	2.54	3.87	5.29	6.48	6.62	38.71
1950	Below Normal	4.08	4.99	4.31	3.65	1.90	2.69	2.49	2.84	3.56	4.24	4.82	4.67	44.24
1951	Above Normal	2.64	2.79	1.92	1.28	0.63	1.60	1.72	2.13	3.18	4.40	5.34	5.29	32.92
1952	Wet	3.29	3.88	3.17	2.56	1.30	2.32	2.29	2.57	3.21	3.96	4.93	4.93	38.41
1953	Wet	3.11	3.80	3.16	2.90	1.73	1.89	1.95	2.35	3.30	4.22	4.65	4.39	37.45
1954	Above Normal	2.72	3.55	2.89	2.18	1.17	2.28	2.23	2.62	3.57	4.70	5.48	5.25	38.64
1955	Dry	3.15	3.77	2.85	1.89	0.85	1.64	1.64	1.92	2.87	3.89	4.67	4.85	33.99
1956	Wet	2.98	3.51	2.61	1.71	0.75	1.85	2.08	2.62	3.84	5.10	6.28	6.41	39.74
1957	Above Normal	4.09	5.08	4.17	3.49	2.09	2.89	2.75	2.94	3.52	4.21	4.66	4.50	44.39
1958	Wet	2.46	2.77	2.27	1.54	0.66	1.99	2.03	2.46	3.40	4.53	5.93	6.09	36.13
1959	Below Normal	3.81	4.66	3.84	3.59	2.27	2.52	2.36	2.68	3.57	4.49	5.02	4.90	43.71
1960	Dry	2.96	3.66	3.20	2.33	1.07	2.23	2.21	2.56	3.49	4.58	5.36	5.37	39.02
1961	Dry	3.36	4.21	3.24	2.16	1.01	2.06	2.02	2.38	3.54	4.80	1.54	5.92	36.24
1962	Below Normal	3.74	4.58	4.06	3.25	1.52	2.58	2.44	2.86	3.84	4.79	5.41	5.22	44.29
1963	Wet	2.90	2.92	2.22	1.78	0.91	1.66	1.69	2.06	2.92	3.70	4.13	4.05	30.94
1964	Dry	2.49	2.73	2.08	1.65	0.85	1.58	1.66	2.04	3.13	4.29	5.12	5.23	32.85
1965	Wet	3.20	4.01	3.47	2.60	1.20	2.10	2.04	3.56	5.25	6.95	4.83	7.37	46.58
1966	Below Normal	4.63	5.40	3.96	3.08	1.65	2.06	2.11	2.54	3.69	4.88	5.55	5.29	44.84
1967	Wet	3.16	3.72	2.99	2.22	1.03	2.31	2.41	2.79	3.55	4.21	5.12	5.15	38.66
1968	Below Normal	3.13	3.86	3.25	2.87	1.79	2.07	2.05	2.38	3.28	4.20	4.63	4.47	37.98
1969	Wet	2.62	3.05	2.28	1.47	0.65	1.86	1.97	1.96	2.24	2.66	3.34	3.60	27.70
1970	Wet	2.32	3.01	2.78	2.39	1.26	1.60	1.72	2.17	3.34	4.61	5.38	5.57	36.15
1971	Wet	3.64	4.34	3.60	3.08	1.71	2.48	2.31	2.64	3.50	4.35	4.79	4.57	41.01
1972	Below Normal	2.72	3.56	2.94	1.91	0.91	2.06	2.08	2.44	3.47	4.55	5.08	4.85	36.57
1973	Above Normal	2.83	3.06	2.33	1.75	0.82	1.51	1.67	2.03	2.91	3.83	4.44	4.60	31.78
1974	Wet	2.82	2.94	2.22	1.75	0.89	1.92	2.11	2.72	4.14	5.65	6.79	6.66	40.61
1975	Wet	4.04	4.78	3.86	3.25	1.89	2.34	2.68	3.17	4.44	5.59	6.33	6.04	48.41
1976	Critical	3.44	4.05	3.33	2.60	1.39	1.74	1.49	1.60	2.08	2.76	3.40	3.79	31.67
1977	Critical	2.40	3.23	3.02	2.10	0.91	2.52	2.22	2.14	2.39	3.01	3.55	3.83	31.32
1978	Above Normal	2.52	3.47	3.26	2.15	0.81	2.80	3.03	3.35	4.24	5.14	6.10	5.94	42.81
1979	Below Normal	3.61	4.31	3.42	2.82	1.49	1.54	1.66	1.99	2.91	3.92	4.47	4.52	36.66
1980	Above Normal	2.76	3.22	2.54	1.79	0.84	1.85	2.03	2.45	3.43	4.38	5.43	6.47	37.19
1981	Dry	4.55	5.36	4.27	3.63	2.11	2.48	2.42	2.78	3.72	4.68	5.50	5.50	47.00
1982	Wet	3.24	3.56	2.75	2.01	0.82	1.91	1.95	2.11	2.85	3.83	4.98	5.10	35.11
1983	Wet	2.93	2.99	2.29	2.11	1.24	1.86	1.95	1.94	2.22	2.55	2.95	2.90	27.93
1984	Wet	1.83	2.23	2.07	2.11	1.24	1.60	1.71	2.14	3.27	4.49	5.26	5.20	33.15
1985	Dry	3.20	3.52	2.58	2.06	1.11	1.71	1.78	2.15	3.15	4.15	4.95	5.02	35.38
1986	Wet	2.90	3.14	2.41	2.01	0.96	1.63	1.78	2.03	2.66	3.33	4.23	4.77	31.85
1987	Dry	3.18	4.27	3.73	3.00	1.66	1.61	2.14	2.30	2.89	3.63	4.43	5.02	37.86
1988	Critical	3.21	4.08	3.47	2.41	1.16	1.94	1.56	1.48	1.68	2.02	2.27	2.62	27.90
1989	Dry	1.76	2.40	2.04	1.12	0.41	1.54	2.28	2.62	3.50	4.43	5.23	5.30	32.63
1990	Critical	3.19	4.04	3.51	2.55	1.19	1.72	1.42	1.40	1.61	1.94	2.17	2.55	27.29
1991	Critical	1.70	2.43	2.25	1.41	0.56	3.03	2.73	2.73	3.14	3.62	4.14	4.70	32.44
1992	Critical	3.17	4.20	3.83	2.80	1.29	3.20	2.98	3.09	3.71	4.47	5.01	5.34	43.09
1993	Above Normal	0.00	4.67	4.13	2.91	1.24	2.56	3.02	3.42	4.47	5.40	6.16	5.91	43.89
1994	Critical	3.53	4.34	3.51	2.66	1.37	2.43	2.50	2.88	4.19	5.58	0.00	6.68	39.67
1995	Wet	4.31	5.22	4.54	3.74	1.80	3.27	3.14	3.23	3.67	4.47	5.46	5.53	48.38
1996	Wet	3.60	4.76	4.35	4.19	2.25	2.39	2.67	3.15	4.43	5.81	6.78	6.57	50.95
1997	Wet	4.21	5.35	4.20	2.91	1.25	1.94	2.07	2.63	3.99	5.57	0.00	6.53	40.65
1998	Wet	4.09	5.31	4.47	3.72	1.89	2.55	2.55	2.99	3.88	4.70	5.78	5.84	47.77
1999	Wet	3.36	3.58	3.00	2.82	1.55	1.56	1.63	2.02	2.91	3.75	4.25	4.40	34.83
2000	Above Normal	3.00	3.90	3.22	2.63	1.38	2.10	2.09	2.55	3.63	4.84	5.74	5.52	40.60
2001	Dry	3.42	4.31	3.47	2.53	1.23	2.01	1.87	2.09	2.83	3.57	4.35	4.82	36.50
2002	Dry	3.07	3.70	2.94	2.11	0.98	1.85	1.82	2.17	3.07	3.96	4.78	5.08	35.53
2003	Above Normal	3.24	4.22	3.69	2.84	1.32	2.57	2.52	2.95	3.87	4.70	5.26	5.05	42.23
	Average	3.02	3.72	3.07	2.36	1.18	2.01	2.03	2.35	3.18	4.09	4.55	4.91	36.46
	Wet	3.16	3.74	3.07	2.48	1.24	2.04	2.12	2.52	3.46	4.48	4.86	5.34	38.51
	Above Normal	2.88	3.93	3.26	2.48	1.23	2.25	2.31	2.70	3.64	4.62	5.41	5.38	40.08
	Below Normal	3.28	3.93	3.21	2.55	1.33	1.94	1.96	2.32	3.18	4.07	4.64	4.56	36.97
	Dry	2.93	3.60	2.93	2.15	1.07	1.86	1.92	2.22	3.08	4.01	4.54	4.97	35.29
	Critical	2.67	3.39	2.93	2.11	0.99	1.99	1.77	1.82	2.24	2.88	2.91	3.85	29.55

Energy Use (GWh) At Pumping Plant at San Felipe: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	4.66	5.47	4.31	3.58	1.90	2.52	2.63	3.27	4.54	5.79	7.07	7.01	52.75
1923	Below Normal	4.26	4.93	4.06	3.59	1.99	2.44	2.59	3.02	3.81	4.60	5.31	5.22	45.82
1924	Critical	3.04	3.53	2.93	2.26	1.15	2.11	1.98	2.05	2.55	3.39	4.19	4.60	33.78
1925	Dry	2.95	3.98	3.65	2.42	1.02	2.75	2.44	2.71	3.47	4.21	4.86	4.98	39.44
1926	Dry	3.00	3.67	3.13	2.26	1.06	2.47	2.38	2.57	3.29	4.08	1.05	5.16	34.12
1927	Wet	3.31	3.91	3.06	2.13	0.92	2.04	2.14	2.63	3.71	4.71	5.32	5.20	39.08
1928	Above Normal	3.25	4.03	3.20	2.44	1.33	2.30	2.23	2.71	3.74	4.82	5.65	5.55	41.25
1929	Critical	3.41	4.35	3.77	2.93	1.47	1.70	1.29	1.22	1.38	1.85	2.21	2.39	27.97
1930	Dry	1.53	2.16	1.97	1.14	0.41	2.09	1.95	2.05	2.61	3.24	3.83	4.00	26.98
1931	Critical	2.41	3.08	2.74	1.92	0.82	1.65	1.49	1.56	1.97	2.64	3.41	3.94	27.63
1932	Dry	2.51	3.36	2.73	1.55	0.58	1.62	1.44	1.57	2.09	2.81	3.13	3.07	26.46
1933	Critical	1.89	2.40	2.06	1.36	0.56	1.07	0.91	0.94	1.17	1.71	2.28	2.58	18.93
1934	Critical	1.66	2.24	1.97	1.17	0.45	1.52	1.37	1.44	1.83	2.68	3.64	4.11	24.08
1935	Below Normal	2.68	3.48	2.89	1.80	0.72	1.30	1.21	2.04	2.67	3.39	4.05	4.12	30.35
1936	Below Normal	2.42	2.97	2.51	1.79	0.74	1.45	1.39	1.64	2.33	3.04	3.56	3.61	27.45
1937	Below Normal	2.16	2.54	2.03	1.51	0.73	1.07	1.31	1.44	1.87	2.41	3.02	3.41	23.50
1938	Wet	2.14	2.39	1.78	1.25	0.61	6.16	2.02	2.22	2.77	3.38	4.23	4.37	33.32
1939	Dry	2.76	3.58	3.18	2.87	1.70	2.01	2.12	2.47	3.45	4.56	0.00	5.26	33.96
1940	Above Normal	3.28	4.28	3.93	2.99	1.33	2.49	2.24	2.66	3.67	4.76	5.56	5.43	42.62
1941	Wet	3.31	4.16	3.56	2.60	1.07	1.98	2.05	2.43	3.36	4.35	5.21	5.13	39.21
1942	Wet	3.21	3.99	3.35	2.73	1.38	2.19	2.43	3.07	4.35	5.66	0.00	6.59	38.95
1943	Wet	4.10	4.99	4.27	3.60	1.80	2.46	2.43	3.04	4.48	6.15	7.60	7.66	52.58
1944	Dry	4.85	6.07	5.02	4.13	2.19	2.51	2.28	2.48	3.17	3.86	4.34	4.69	45.59
1945	Below Normal	3.02	3.46	2.58	1.67	0.69	1.48	1.70	2.13	3.26	4.44	5.14	5.07	34.64
1946	Below Normal	3.00	3.16	2.37	1.89	0.96	1.56	1.74	2.17	3.28	4.43	5.12	5.03	34.71
1947	Dry	2.96	3.21	2.51	2.05	1.08	1.77	1.92	2.33	3.43	4.56	5.49	5.65	36.96
1948	Below Normal	3.37	3.92	3.34	2.85	1.62	2.82	2.73	2.89	3.41	4.00	4.40	4.23	39.58
1949	Dry	2.46	3.02	2.47	1.59	0.66	1.64	2.03	2.55	3.88	5.31	6.50	6.64	38.75
1950	Below Normal	4.10	5.02	4.33	3.67	1.90	2.69	2.49	2.84	3.56	4.24	4.81	4.67	44.32
1951	Above Normal	2.64	2.79	1.92	1.27	0.63	1.60	1.72	2.13	3.18	4.40	5.34	5.29	32.91
1952	Wet	3.29	3.88	3.17	2.57	1.30	2.36	2.38	2.75	3.51	4.37	5.39	5.29	40.26
1953	Wet	3.29	3.89	3.14	2.95	1.79	1.94	1.94	2.30	3.21	4.08	4.47	4.22	37.22
1954	Above Normal	2.60	3.42	2.79	2.08	1.11	2.25	2.20	2.60	3.56	4.71	5.50	5.28	38.10
1955	Dry	3.17	3.78	2.86	1.90	0.86	1.65	1.64	1.92	2.87	3.88	4.65	4.85	34.03
1956	Wet	2.98	3.51	2.67	1.77	0.76	1.86	2.08	2.63	3.84	5.10	6.28	6.41	39.89
1957	Above Normal	4.09	5.08	4.17	3.49	2.09	2.89	2.74	2.94	3.52	4.21	4.66	4.50	44.38
1958	Wet	2.46	2.77	2.27	1.54	0.66	1.99	2.06	2.53	3.52	4.67	6.08	6.22	36.77
1959	Below Normal	3.89	4.76	3.92	3.62	2.27	2.57	2.43	2.74	3.59	4.48	4.99	4.87	44.13
1960	Dry	2.94	3.64	3.18	2.32	1.06	2.22	2.20	2.55	3.48	4.57	0.00	5.36	33.52
1961	Dry	3.35	4.18	3.22	2.15	1.01	2.06	2.01	2.37	3.54	4.80	0.63	5.92	35.24
1962	Below Normal	3.74	4.58	4.06	3.25	1.52	2.58	2.44	2.86	3.84	4.79	5.41	5.22	44.29
1963	Wet	2.90	2.92	2.22	1.78	0.91	1.67	1.69	2.06	2.91	3.69	4.11	4.03	30.89
1964	Dry	2.48	2.73	2.07	1.64	0.84	1.58	1.66	2.04	3.13	4.30	5.12	5.23	32.82
1965	Wet	3.20	4.01	3.46	2.61	1.22	2.16	2.09	3.59	5.24	6.87	1.82	7.25	43.52
1966	Below Normal	4.55	5.33	3.92	3.02	1.60	2.05	2.12	2.54	3.68	4.85	5.51	5.26	44.43
1967	Wet	3.14	3.71	2.98	2.20	1.02	2.32	2.46	2.92	3.78	4.55	5.56	5.58	40.22
1968	Below Normal	3.39	4.09	3.35	2.95	1.84	2.13	2.10	2.43	3.35	4.30	4.75	4.59	39.27
1969	Wet	2.71	3.16	2.36	1.53	0.67	1.86	1.99	1.98	2.24	2.66	3.34	3.58	28.08
1970	Wet	2.30	2.99	2.76	2.36	1.26	1.60	1.72	2.16	3.33	4.60	5.38	5.57	36.03
1971	Wet	3.65	4.35	3.61	3.09	1.71	2.49	2.31	2.65	3.50	4.35	4.79	4.57	41.07
1972	Below Normal	2.72	3.56	2.93	1.91	0.91	2.05	2.08	2.44	3.47	4.54	5.08	4.85	36.54
1973	Above Normal	2.82	3.06	2.33	1.75	0.82	1.51	1.67	2.08	3.04	3.99	4.63	4.70	32.40
1974	Wet	2.86	3.03	2.29	1.82	0.94	2.02	2.23	2.87	4.32	5.82	6.91	6.67	41.78
1975	Wet	3.99	4.74	3.82	3.18	1.83	2.32	2.65	3.15	4.43	5.60	6.35	6.07	48.13
1976	Critical	3.46	4.07	3.35	2.62	1.40	1.74	1.49	1.60	2.08	2.76	3.39	3.78	31.74
1977	Critical	2.39	3.22	3.01	2.10	0.90	2.51	2.22	2.15	2.39	3.01	3.55	3.83	31.28
1978	Above Normal	2.52	3.47	3.26	2.15	0.82	2.88	3.22	3.59	4.65	5.78	6.87	6.69	45.90
1979	Below Normal	4.06	4.79	3.75	3.00	1.52	1.57	1.68	2.07	3.06	4.10	4.68	4.65	38.93
1980	Above Normal	2.76	3.18	2.51	1.84	0.87	1.85	2.02	2.41	3.36	4.43	5.59	6.12	36.94
1981	Dry	4.03	4.93	4.04	3.40	1.97	2.39	2.37	2.72	3.66	4.63	5.42	5.43	44.99
1982	Wet	3.20	3.54	2.74	1.98	0.81	1.93	1.95	2.14	2.96	4.03	5.24	5.35	35.87
1983	Wet	3.09	3.21	2.44	2.16	1.24	1.86	1.95	1.94	2.22	2.55	2.95	2.90	28.51
1984	Wet	1.83	2.23	2.07	2.11	1.24	1.60	1.71	2.14	3.27	4.49	5.26	5.20	33.15
1985	Dry	3.20	3.52	2.58	2.06	1.11	1.71	1.78	2.15	3.15	4.15	4.95	5.02	35.38
1986	Wet	2.90	3.14	2.41	2.01	1.00	1.68	1.79	2.08	2.75	3.46	4.28	4.81	32.31
1987	Dry	3.28	4.39	3.82	3.08	1.70	1.64	2.19	2.34	2.92	3.66	4.47	5.05	38.54
1988	Critical	3.22	4.09	3.47	2.41	1.16	1.93	1.55	1.47	1.66	2.00	2.25	2.59	27.80
1989	Dry	1.74	2.38	2.02	1.10	0.40	1.54	2.28	2.61	3.49	4.41	5.22	5.30	32.49
1990	Critical	3.19	4.04	3.52	2.56	1.19	1.72	1.42	1.40	1.61	1.94	2.17	2.55	27.31
1991	Critical	1.70	2.43	2.25	1.41	0.56	3.03	2.73	2.72	3.13	3.62	4.14	4.70	32.42
1992	Critical	3.16	4.20	3.82	2.80	1.29	3.20	2.98	3.09	3.71	4.47	5.01	5.34	43.07
1993	Above Normal	0.00	4.67	4.13	2.91	1.24	2.57	3.02	3.41	4.46	5.38	6.13	5.89	43.81
1994	Critical	3.52	4.32	3.50	2.65	1.36	2.43	2.50	2.88	4.20	5.58	0.00	6.69	39.63
1995	Wet	4.31	5.23	4.54	3.75	1.81	3.35	3.23	3.67	4.64	5.65	6.79	6.84	53.81
1996	Wet	4.44	5.73	5.11	4.68	2.34	2.54	2.78	3.20	4.44	5.75	6.60	6.32	53.93
1997	Wet	4.03	5.12	4.03	2.78	1.18	1.93	2.07	2.64	4.00	5.59	0.00	6.39	39.76
1998	Wet	4.03	5.29	4.46	3.71	1.89	2.60	2.60	3.05	3.91	4.63	5.57	5.54	47.28
1999	Wet	3.26	3.58	3.00	2.79	1.51	1.56	1.64	2.02	2.92	3.77	4.28	4.45	34.78
2000	Above Normal	3.04	3.95	3.26	2.67	1.40	2.11	2.11	2.57	3.65	4.87	5.78	5.56	40.97
2001	Dry	3.44	4.33	3.49	2.55	1.23	2.01	1.87	2.09	2.84	3.57	4.35	4.83	36.60
2002	Dry	3.08	3.71	2.95	2.12	0.98	1.86	1.83	2.18	3.07	3.97	4.79	5.08	35.62
2003	Above Normal	3.23	4.22	3.69	2.83	1.32	2.57	2.53	2.95	3.87	4.70	5.25	5.04	42.20
	Average	3.08	3.81	3.15	2.42	1.21	2.12	2.09	2.42	3.28	4.22	4.42	5.03	37.26
	Wet	3.23	3.83	3.14	2.53	1.26	2.25	2.17	2.61	3.60	4.64	4.76	5.47	39.48
	Above Normal	2.91	3.97	3.29	2.50	1.24	2.30	2.36	2.78	3.77	4.82	5.67	5.59	41.19
	Below Normal	3.38	4.04	3.29	2.61	1.36	1.98	2.00	2.38	3.23	4.12	4.70	4.63	37.71
	Dry	2.99	3.70	3.05	2.24	1.10	1.97	2.02	2.32	3.20	4.14	3.82	5.08	35.64
	Critical	2.75	3.50	3.03	2.18	1.03	2.05	1.83	1.88	2.31	2.97	3.02	3.93	30.47

Difference in Energy Use (GWh) At Pumping Plant at San Felipe: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.03	0.04	0.06	0.08	0.20	0.45	0.69	0.93	1.01	0.29
1923	Below Normal	0.66	0.73	0.58	0.55	0.32	0.42	0.50	0.53	0.38	0.28	0.43	0.55	0.49
1924	Critical	0.34	0.47	0.41	0.29	0.17	0.41	0.41	0.43	0.54	0.84	1.05	0.88	0.52
1925	Dry	0.58	0.97	1.17	0.92	0.41	1.00	0.80	0.82	0.88	0.90	0.86	0.79	0.84
1926	Dry	0.46	0.60	0.52	0.32	0.13	0.53	0.54	0.60	0.80	1.00	(2.58)	1.18	0.34
1927	Wet	0.76	0.92	0.78	0.60	0.28	0.48	0.47	0.56	0.73	0.86	0.93	0.88	0.69
1928	Above Normal	0.55	0.68	0.55	0.43	0.23	0.43	0.41	0.47	0.54	0.63	0.82	0.87	0.55
1929	Critical	0.55	0.70	0.62	0.46	0.20	0.20	0.15	0.14	0.15	0.19	0.14	0.03	0.29
1930	Dry	0.00	0.04	0.12	0.12	0.05	0.24	0.22	0.22	0.25	0.28	0.32	0.32	0.18
1931	Critical	0.19	0.25	0.23	0.16	0.07	0.14	0.13	0.13	0.17	0.20	0.21	0.11	0.17
1932	Dry	0.00	0.05	0.13	0.12	0.04	0.13	0.11	0.13	0.16	0.21	0.10	(0.08)	0.09
1933	Critical	(0.07)	(0.09)	(0.08)	(0.05)	(0.02)	(0.03)	(0.05)	(0.04)	(0.06)	(0.07)	(0.05)	(0.02)	(0.05)
1934	Critical	(0.01)	(0.01)	0.02	0.02	0.00	0.05	0.03	0.03	0.02	0.00	(0.04)	(0.07)	0.00
1935	Below Normal	(0.02)	0.00	(0.04)	(0.04)	(0.02)	(0.01)	(0.01)	(0.02)	0.00	0.05	0.06	0.08	0.00
1936	Below Normal	0.04	0.06	0.05	0.03	0.01	0.01	0.01	0.05	0.11	0.15	0.17	0.17	0.07
1937	Below Normal	0.10	0.12	0.09	0.07	0.02	0.00	0.01	0.03	0.10	0.18	0.22	0.25	0.10
1938	Wet	0.15	0.18	0.13	0.05	0.00	4.30	0.02	0.23	0.48	0.53	0.58	0.47	0.59
1939	Dry	0.23	0.26	0.22	0.22	0.12	0.14	0.08	0.05	0.02	0.01	(5.34)	(0.16)	(0.35)
1940	Above Normal	(0.10)	(0.11)	(0.09)	(0.15)	(0.11)	(0.06)	(0.02)	0.03	0.11	0.16	0.19	0.11	0.00
1941	Wet	0.05	0.05	0.05	0.08	0.05	0.00	0.01	0.02	0.03	0.02	0.02	0.01	0.03
1942	Wet	0.00	0.01	0.00	0.00	0.01	0.05	0.05	0.06	0.07	0.08	(3.90)	0.00	(0.30)
1943	Wet	(0.04)	(0.05)	(0.05)	0.04	0.06	0.12	0.14	0.22	0.33	0.41	0.47	0.46	0.18
1944	Dry	0.28	0.29	0.20	0.13	0.03	0.01	0.00	(0.01)	(0.02)	(0.03)	(0.03)	(0.04)	0.07
1945	Below Normal	(0.03)	(0.03)	(0.02)	(0.03)	0.00	0.04	(0.02)	(0.03)	(0.05)	(0.10)	(0.13)	(0.15)	(0.05)
1946	Below Normal	(0.07)	(0.05)	(0.04)	(0.03)	(0.01)	(0.02)	(0.03)	(0.03)	(0.06)	(0.09)	(0.11)	(0.11)	(0.05)
1947	Dry	(0.06)	(0.07)	(0.05)	(0.04)	(0.03)	0.00	0.00	0.00	0.01	0.01	0.03	0.03	(0.01)
1948	Below Normal	0.02	0.02	0.02	0.01	0.01	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.01)	0.00
1949	Dry	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.00
1950	Below Normal	0.02	0.03	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.01
1951	Above Normal	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.01	0.00	0.04	0.09	0.18	0.30	0.41	0.46	0.36	0.15
1953	Wet	0.18	0.09	(0.02)	0.05	0.06	0.05	(0.01)	(0.05)	(0.09)	(0.14)	(0.18)	(0.17)	(0.02)
1954	Above Normal	(0.12)	(0.13)	(0.10)	(0.10)	(0.06)	(0.03)	(0.03)	(0.02)	(0.01)	0.01	0.02	0.03	(0.05)
1955	Dry	0.02	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	(0.01)	(0.02)	0.00	0.00
1956	Wet	0.00	0.00	0.06	0.06	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.01
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.07	0.12	0.14	0.15	0.13	0.05
1959	Below Normal	0.08	0.10	0.08	0.03	0.00	0.05	0.07	0.06	0.02	(0.01)	(0.03)	(0.03)	0.04
1960	Dry	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(5.36)	(0.01)	(0.46)
1961	Dry	(0.01)	(0.03)	(0.02)	(0.01)	0.00	0.00	(0.01)	(0.01)	0.00	0.00	(0.91)	0.00	(0.08)
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.02)	0.00
1964	Dry	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1965	Wet	0.00	0.00	(0.01)	0.01	0.02	0.06	0.05	0.03	(0.01)	(0.08)	(3.01)	(0.12)	(0.26)
1966	Below Normal	(0.08)	(0.07)	(0.04)	(0.06)	(0.05)	(0.01)	0.01	0.00	(0.01)	(0.03)	(0.04)	(0.03)	(0.03)
1967	Wet	(0.02)	(0.01)	(0.01)	(0.02)	(0.01)	0.01	0.05	0.13	0.23	0.34	0.44	0.43	0.13
1968	Below Normal	0.26	0.23	0.10	0.08	0.05	0.06	0.05	0.05	0.07	0.10	0.12	0.12	0.11
1969	Wet	0.09	0.11	0.08	0.06	0.02	0.00	0.02	0.02	0.00	0.00	0.00	(0.02)	0.03
1970	Wet	(0.02)	(0.02)	(0.02)	(0.03)	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	(0.01)
1971	Wet	0.01	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1973	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.13	0.16	0.19	0.10	0.05
1974	Wet	0.04	0.09	0.07	0.07	0.05	0.10	0.12	0.15	0.18	0.17	0.12	0.01	0.10
1975	Wet	(0.05)	(0.04)	(0.04)	(0.07)	(0.06)	(0.02)	(0.03)	(0.02)	(0.01)	0.01	0.02	0.03	(0.02)
1976	Critical	0.02	0.02	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.01
1977	Critical	(0.01)	(0.01)	(0.01)	0.00	(0.01)	(0.01)	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.01	0.08	0.19	0.24	0.41	0.64	0.77	0.75	0.26
1979	Below Normal	0.45	0.48	0.33	0.18	0.03	0.03	0.02	0.08	0.15	0.18	0.21	0.13	0.19
1980	Above Normal	0.00	(0.04)	(0.03)	0.05	0.03	0.00	(0.01)	(0.04)	(0.07)	0.05	0.16	(0.35)	(0.02)
1981	Dry	(0.52)	(0.43)	(0.23)	(0.23)	(0.14)	(0.09)	(0.05)	(0.06)	(0.06)	(0.05)	(0.08)	(0.07)	(0.17)
1982	Wet	(0.04)	(0.02)	(0.01)	(0.03)	(0.01)	0.02	0.00	0.03	0.11	0.20	0.26	0.25	0.06
1983	Wet	0.16	0.22	0.15	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.04	0.05	0.01	0.05	0.09	0.13	0.05	0.04	0.04
1987	Dry	0.10	0.12	0.09	0.08	0.04	0.03	0.05	0.04	0.03	0.03	0.04	0.03	0.06
1988	Critical	0.01	0.01	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	(0.03)	(0.01)
1989	Dry	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.01)	0.00	(0.01)
1990	Critical	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00
1992	Critical	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.01	0.00	(0.01)	(0.01)	(0.02)	(0.03)	(0.02)	(0.01)
1994	Critical	(0.01)	(0.02)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00
1995	Wet	0.00	0.01	0.00	0.01	0.01	0.08	0.09	0.44	0.97	1.18	1.33	1.31	0.45
1996	Wet	0.84	0.97	0.76	0.49	0.09	0.15	0.11	0.05	0.01	(0.06)	(0.18)	(0.25)	0.25
1997	Wet	(0.18)	(0.23)	(0.17)	(0.13)	(0.07)	(0.01)	0.00	0.01	0.01	0.02	0.00	(0.14)	(0.07)
1998	Wet	(0.06)	(0.02)	(0.01)	(0.01)	0.00	0.05	0.05	0.06	0.03	(0.07)	(0.21)	(0.30)	(0.04)
1999	Wet	(0.10)	0.00	0.00	(0.03)	(0.04)	0.00	0.01	0.00	0.01	0.02	0.03	0.05	0.00
2000	Above Normal	0.04	0.05	0.04	0.04	0.02	0.01	0.02	0.02	0.02	0.03	0.04	0.04	0.03
2001	Dry	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.01
2002	Dry	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.01
2003	Above Normal	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.01	0.00	0.00	0.00	(0.01)	(0.01)	0.00
	Average	0.07	0.09	0.08	0.06	0.03	0.11	0.06	0.08	0.11	0.13	(0.13)	0.12	0.07
	Wet	0.07	0.09	0.07	0.05	0.02	0.21	0.05	0.09	0.14	0.16	(0.10)	0.13	0.08
	Above Normal	0.03	0.04	0.03	0.02	0.01	0.04	0.05	0.08	0.13	0.20	0.26	0.21	0.09
	Below Normal	0.10	0.12	0.08	0.06	0.03	0.04	0.04	0.05	0.05	0.05	0.06	0.07	0.06
	Dry	0.06	0.10	0.12	0.09	0.03	0.11	0.10	0.10	0.12	0.13	(0.72)	0.11	0.03
	Critical	0.08	0.11	0.10	0.08	0.03	0.06	0.06	0.06	0.07	0.10	0.11	0.08	0.08

Percent Difference in Energy Use (GWh) At Pumping Plant at San Felipe: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	1%	2%	2%	3%	7%	11%	14%	15%	17%
1923	Below Normal	18%	17%	17%	18%	19%	21%	24%	21%	11%	6%	9%	12%
1924	Critical	13%	15%	16%	15%	17%	24%	26%	27%	27%	33%	33%	24%
1925	Dry	24%	32%	47%	61%	67%	57%	49%	43%	34%	27%	22%	19%
1926	Dry	18%	20%	20%	16%	14%	27%	29%	30%	32%	32%	-71%	30%
1927	Wet	30%	31%	34%	39%	44%	31%	28%	27%	24%	22%	21%	20%
1928	Above Normal	20%	20%	21%	21%	21%	23%	23%	21%	17%	15%	17%	19%
1929	Critical	19%	19%	20%	19%	16%	13%	13%	13%	12%	11%	7%	1%
1930	Dry	0%	2%	6%	12%	14%	13%	13%	12%	11%	9%	9%	9%
1931	Critical	9%	9%	9%	9%	9%	9%	10%	9%	9%	8%	7%	3%
1932	Dry	0%	2%	5%	8%	7%	9%	8%	9%	8%	8%	3%	-3%
1933	Critical	-4%	-4%	-4%	-4%	-3%	-3%	-5%	-4%	-5%	-4%	-2%	-1%
1934	Critical	-1%	0%	1%	2%	0%	3%	2%	2%	1%	0%	-1%	-2%
1935	Below Normal	-1%	0%	-1%	-2%	-3%	-1%	-1%	-1%	0%	1%	2%	2%
1936	Below Normal	2%	2%	2%	2%	1%	1%	1%	3%	5%	5%	5%	5%
1937	Below Normal	5%	5%	5%	5%	3%	0%	1%	2%	6%	8%	8%	8%
1938	Wet	8%	8%	8%	4%	0%	231%	1%	12%	21%	19%	16%	12%
1939	Dry	9%	8%	7%	8%	8%	7%	4%	2%	1%	0%	-100%	-3%
1940	Above Normal	-3%	-3%	-2%	-5%	-8%	-2%	-1%	1%	3%	3%	4%	2%
1941	Wet	2%	1%	1%	3%	5%	0%	0%	1%	1%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	1%	2%	2%	2%	2%	1%	-100%	0%
1943	Wet	-1%	-1%	-1%	1%	3%	5%	6%	8%	8%	7%	7%	6%
1944	Dry	6%	5%	4%	3%	1%	0%	0%	0%	-1%	-1%	-1%	-1%
1945	Below Normal	-1%	-1%	-1%	-2%	0%	3%	-1%	-1%	-2%	-2%	-2%	-3%
1946	Below Normal	-2%	-2%	-2%	-2%	-1%	-1%	-2%	-1%	-2%	-2%	-2%	-2%
1947	Dry	-2%	-2%	-2%	-2%	-3%	0%	0%	0%	0%	0%	1%	1%
1948	Below Normal	1%	1%	1%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	2%	4%	7%	9%	10%	9%	7%
1953	Wet	6%	2%	-1%	2%	3%	3%	-1%	-2%	-3%	-3%	-4%	-4%
1954	Above Normal	-4%	-4%	-3%	-5%	-5%	-1%	-1%	-1%	0%	0%	0%	1%
1955	Dry	1%	0%	0%	1%	1%	1%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	2%	4%	1%	1%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	1%	3%	4%	3%	3%	2%
1959	Below Normal	2%	2%	2%	1%	0%	2%	3%	2%	1%	0%	-1%	-1%
1960	Dry	-1%	-1%	-1%	0%	-1%	0%	0%	0%	0%	0%	-100%	0%
1961	Dry	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	-59%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	2%	3%	2%	1%	0%	-1%	-62%	-2%
1966	Below Normal	-2%	-1%	-1%	-2%	-3%	0%	0%	0%	0%	-1%	-1%	-1%
1967	Wet	-1%	0%	0%	-1%	-1%	0%	2%	5%	6%	8%	9%	8%
1968	Below Normal	8%	6%	3%	3%	3%	3%	2%	2%	2%	2%	3%	3%
1969	Wet	3%	4%	4%	4%	3%	0%	1%	1%	0%	0%	0%	-1%
1970	Wet	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	2%	4%	4%	4%	2%
1974	Wet	1%	3%	3%	4%	6%	5%	6%	6%	4%	3%	2%	0%
1975	Wet	-1%	-1%	-1%	-2%	-3%	-1%	-1%	-1%	0%	0%	0%	0%
1976	Critical	1%	0%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	1%	3%	6%	7%	10%	12%	13%	13%
1979	Below Normal	12%	11%	10%	6%	2%	2%	1%	4%	5%	5%	5%	3%
1980	Above Normal	0%	-1%	-1%	3%	4%	0%	0%	-2%	-2%	1%	3%	-5%
1981	Dry	-11%	-8%	-5%	-6%	-7%	-4%	-2%	-2%	-2%	-1%	-1%	-1%
1982	Wet	-1%	-1%	0%	-1%	-1%	1%	0%	1%	4%	5%	5%	5%
1983	Wet	5%	7%	7%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	4%	3%	1%	2%	3%	4%	1%	1%
1987	Dry	3%	3%	2%	3%	2%	2%	2%	2%	1%	1%	1%	1%
1988	Critical	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1989	Dry	-1%	-1%	-1%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	1%	2%	3%	14%	26%	26%	24%	24%
1996	Wet	23%	20%	17%	12%	4%	6%	4%	2%	0%	-1%	-3%	-4%
1997	Wet	-4%	-4%	-4%	-4%	-6%	-1%	0%	0%	0%	0%	0%	-2%
1998	Wet	-1%	0%	0%	0%	0%	2%	2%	2%	1%	-1%	-4%	-5%
1999	Wet	-3%	0%	0%	-1%	-3%	0%	1%	0%	0%	1%	1%	1%
2000	Above Normal	1%	1%	1%	2%	1%	0%	1%	1%	1%	1%	1%	1%
2001	Dry	1%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	2%	3%	3%	3%	3%	6%	3%	4%	4%	4%	-3%	3%
	Wet	2%	3%	3%	2%	2%	11%	2%	3%	4%	4%	-3%	3%
	Above Normal	1%	1%	1%	1%	1%	2%	3%	3%	4%	4%	5%	4%
	Below Normal	3%	3%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
	Dry	3%	3%	5%	6%	6%	6%	6%	5%	5%	4%	-17%	3%
	Critical	3%	3%	4%	3%	3%	4%	4%	4%	4%	4%	4%	2%

Energy Use (GWh) At Pumping Plant at San Luis Other: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	3.66	3.19	5.23	8.87	9.48	6.06	7.83	11.12	19.53	23.62	16.45	4.18	119.22
1923	Below Normal	3.18	2.75	4.50	7.60	8.14	3.47	4.23	6.38	11.12	13.42	9.43	2.48	76.70
1924	Critical	1.87	1.59	2.56	4.25	4.59	1.58	1.88	2.78	4.70	5.64	4.09	1.21	36.74
1925	Dry	0.89	0.72	1.08	1.70	1.89	2.85	3.55	5.44	9.44	11.38	8.03	2.15	49.12
1926	Dry	1.62	1.37	2.17	3.59	3.89	1.95	2.30	3.40	5.80	6.97	5.00	1.43	39.49
1927	Wet	1.07	0.87	1.34	2.14	2.35	3.73	4.79	7.09	12.38	14.94	10.48	2.73	63.91
1928	Above Normal	2.07	1.77	2.85	4.75	5.12	3.09	4.34	6.52	11.36	13.71	9.63	2.53	67.74
1929	Critical	1.91	1.63	2.61	4.35	4.69	0.38	0.51	0.74	1.08	1.25	1.06	0.47	20.68
1930	Dry	0.32	0.22	0.24	0.26	0.37	1.87	2.72	4.03	6.92	8.34	5.94	1.66	32.89
1931	Critical	1.24	1.03	1.60	2.59	2.83	1.43	1.71	2.52	4.25	5.10	3.71	1.12	29.13
1932	Dry	0.82	0.66	0.98	1.52	1.70	2.08	2.45	3.62	6.20	7.46	5.34	1.52	34.35
1933	Critical	1.13	0.93	1.43	2.30	2.52	1.05	1.35	1.99	3.30	3.94	2.91	0.92	23.77
1934	Critical	0.67	0.52	0.76	1.14	1.30	1.69	2.00	2.96	5.02	6.03	4.35	1.28	27.72
1935	Below Normal	0.94	0.76	1.16	1.83	2.03	0.38	1.01	4.32	7.44	8.96	6.37	1.76	36.96
1936	Below Normal	1.32	1.10	1.72	2.79	3.04	3.58	4.15	6.16	10.72	12.93	9.10	2.40	59.01
1937	Below Normal	1.81	1.54	2.46	4.09	4.42	1.08	3.23	4.89	8.45	10.19	7.21	1.96	51.33
1938	Wet	1.47	1.23	1.95	3.19	3.47	7.58	8.68	12.92	22.73	27.49	19.11	4.80	114.62
1939	Dry	3.66	3.19	5.23	8.87	9.48	2.45	3.48	5.17	8.96	10.80	6.46	2.06	69.81
1940	Above Normal	1.55	1.30	2.06	3.39	3.68	2.68	3.96	6.05	10.52	12.69	8.93	2.36	59.17
1941	Wet	1.78	1.51	2.42	4.01	4.34	5.47	7.18	10.39	18.23	22.04	15.37	3.92	96.66
1942	Wet	2.99	2.58	4.21	7.08	7.59	6.02	7.80	11.19	19.66	23.78	15.67	4.20	112.77
1943	Wet	3.20	2.77	4.53	7.65	8.19	6.24	7.42	11.03	19.38	23.43	16.32	4.15	114.31
1944	Dry	3.16	2.73	4.47	7.54	8.07	2.31	2.70	4.00	6.87	8.27	5.90	1.65	57.67
1945	Below Normal	1.23	1.02	1.59	2.57	2.80	3.56	5.60	8.33	14.57	17.60	12.31	3.18	74.36
1946	Below Normal	2.41	2.07	3.36	5.63	6.05	4.50	5.54	8.20	14.34	17.33	12.13	3.14	84.70
1947	Dry	2.38	2.04	3.30	5.54	5.95	2.69	4.28	6.35	11.07	13.35	9.39	2.47	68.81
1948	Below Normal	1.87	1.59	2.54	4.23	4.57	1.58	2.43	3.55	6.07	7.31	5.23	1.49	42.46
1949	Dry	1.11	0.91	1.40	2.25	2.47	2.83	5.43	8.11	14.19	17.14	11.99	3.10	70.93
1950	Below Normal	2.35	2.02	3.27	5.47	5.88	2.43	3.52	5.23	9.06	10.92	7.72	2.08	59.95
1951	Above Normal	1.56	1.32	2.09	3.44	3.73	4.84	5.60	8.29	14.50	17.52	12.25	3.17	78.31
1952	Wet	2.40	2.06	3.34	5.60	6.02	6.93	8.68	12.92	22.73	27.49	19.11	4.80	122.08
1953	Wet	3.66	3.19	5.23	8.87	9.48	2.96	3.91	5.84	10.15	12.24	8.62	2.29	76.44
1954	Above Normal	1.73	1.46	2.33	3.87	4.18	2.92	3.77	5.58	9.68	11.68	7.55	2.20	56.95
1955	Dry	1.66	1.40	2.23	3.68	3.99	3.66	4.23	6.28	10.94	13.20	9.28	2.45	63.00
1956	Wet	1.85	1.57	2.51	4.18	4.52	6.81	7.57	10.61	18.63	22.52	15.70	4.00	100.47
1957	Above Normal	3.04	2.63	4.30	7.24	7.75	2.57	2.49	3.65	6.25	7.52	5.38	1.53	54.35
1958	Wet	1.14	0.94	1.44	2.32	2.54	6.41	8.23	12.88	22.66	27.41	19.06	4.79	109.82
1959	Below Normal	3.65	3.18	5.22	8.84	9.45	2.34	3.03	4.82	8.34	10.05	7.12	1.94	67.98
1960	Dry	1.45	1.22	1.92	3.15	3.42	2.16	3.50	5.02	8.70	10.48	1.69	2.01	44.72
1961	Dry	1.51	1.27	2.00	3.29	3.57	2.92	4.34	6.28	10.94	13.20	1.91	2.45	53.68
1962	Below Normal	1.85	1.57	2.51	4.18	4.52	3.17	4.21	6.29	10.95	13.21	9.29	2.45	64.20
1963	Wet	1.85	1.57	2.52	4.19	4.52	3.44	4.41	6.52	11.36	13.71	9.63	2.53	66.25
1964	Dry	1.91	1.63	2.61	4.35	4.70	3.63	4.20	6.24	10.86	13.11	7.71	2.43	63.38
1965	Wet	1.83	1.56	2.50	4.15	4.48	3.69	4.27	10.32	18.11	21.89	4.72	3.90	81.42
1966	Below Normal	2.97	2.56	4.18	7.03	7.53	3.55	4.31	6.60	11.51	13.89	9.76	2.56	76.45
1967	Wet	1.93	1.65	2.65	4.41	4.76	7.01	8.68	12.92	22.73	27.49	19.11	4.80	118.14
1968	Below Normal	3.66	3.19	5.23	8.87	9.48	2.58	3.40	4.98	8.62	10.39	7.35	1.99	69.74
1969	Wet	1.50	1.26	1.99	3.26	3.54	7.58	8.68	12.92	22.73	27.49	19.11	4.80	114.86
1970	Wet	3.66	3.19	5.23	8.87	9.48	4.84	5.60	8.38	14.67	17.72	12.39	3.20	97.23
1971	Wet	2.43	2.09	3.38	5.66	6.09	2.31	3.30	4.93	8.52	10.28	7.27	1.97	58.23
1972	Below Normal	1.48	1.24	1.96	3.22	3.50	3.41	3.87	5.73	9.96	12.02	8.47	2.26	57.12
1973	Above Normal	1.70	1.44	2.29	3.79	4.11	3.87	5.10	7.55	13.19	15.93	11.16	2.90	73.03
1974	Wet	2.20	1.88	3.04	5.08	5.47	6.48	7.94	11.49	20.19	24.41	8.93	4.31	101.42
1975	Wet	3.28	2.84	4.65	7.86	8.41	4.46	5.96	8.27	14.47	17.48	6.73	3.16	87.57
1976	Critical	2.40	2.06	3.33	5.59	6.00	1.39	1.66	2.45	4.12	4.93	3.60	1.09	38.62
1977	Critical	0.80	0.64	0.95	1.47	1.64	1.25	1.50	2.22	3.71	4.44	3.26	1.01	22.89
1978	Above Normal	0.74	0.58	0.85	1.31	1.47	5.13	8.31	12.15	21.37	25.84	17.98	4.54	100.27
1979	Below Normal	3.46	3.00	4.92	8.33	8.91	3.33	5.00	7.44	13.00	15.69	11.00	2.86	86.94
1980	Above Normal	2.16	1.85	2.99	5.00	5.38	6.83	7.86	11.70	20.56	24.86	17.30	4.01	110.50
1981	Dry	3.33	2.89	4.74	8.01	8.57	3.04	3.68	5.67	9.85	11.88	8.38	2.23	72.27
1982	Wet	1.68	1.42	2.27	3.75	4.06	7.40	8.68	12.92	22.73	27.49	19.11	4.80	116.31
1983	Wet	3.66	3.19	5.23	8.87	9.48	7.58	8.68	12.92	22.73	27.49	19.11	4.80	133.74
1984	Wet	6.01	3.19	5.23	8.87	9.48	4.85	5.60	8.31	14.54	17.57	12.29	3.18	99.12
1985	Dry	2.41	2.07	3.35	5.62	6.03	3.55	4.27	6.55	11.41	13.78	9.68	2.54	71.26
1986	Wet	1.92	1.63	2.62	4.37	4.72	4.55	6.12	9.10	15.93	19.25	13.49	3.46	87.16
1987	Dry	2.63	2.26	3.67	6.17	6.62	0.59	2.72	4.03	6.92	8.33	5.94	1.66	51.54
1988	Critical	1.24	1.03	1.60	2.59	2.83	0.43	0.57	0.83	1.25	1.46	1.20	0.50	15.53
1989	Dry	0.35	0.24	0.28	0.33	0.44	0.38	3.28	4.95	8.56	10.32	3.86	1.98	34.97
1990	Critical	1.49	1.25	1.97	3.24	3.52	0.38	0.51	0.74	1.08	1.25	1.06	0.47	16.96
1991	Critical	0.32	0.22	0.24	0.26	0.37	1.79	2.24	3.32	5.66	6.81	4.89	1.41	27.53
1992	Critical	1.05	0.85	1.31	2.09	2.30	1.94	2.94	4.35	5.79	9.03	6.42	1.77	39.84
1993	Above Normal	0.97	1.10	1.73	2.81	3.07	3.50	5.56	7.61	13.29	16.05	11.03	2.92	69.64
1994	Critical	2.21	1.89	3.06	5.12	5.51	4.47	5.09	7.49	13.09	15.47	8.31	2.88	74.59
1995	Wet	2.18	1.87	3.01	5.04	5.42	6.36	8.42	12.29	21.61	26.13	18.18	4.58	115.09
1996	Wet	3.49	3.04	4.98	8.42	9.01	4.79	6.56	9.41	16.49	19.93	10.60	3.57	100.29
1997	Wet	2.72	2.34	3.80	6.39	6.85	6.00	7.30	10.50	18.42	22.27	12.41	3.96	102.96
1998	Wet	3.01	2.60	4.25	7.16	7.67	6.81	8.68	12.91	22.72	27.48	19.11	4.80	127.20
1999	Wet	3.66	3.19	5.23	8.87	9.48	3.38	4.75	7.05	12.30	14.85	10.42	2.72	85.90
2000	Above Normal	2.05	1.76	2.83	4.72	5.09	3.43	4.80	7.10	12.40	14.97	10.50	2.74	72.39
2001	Dry	2.07	1.77	2.85	4.76	5.13	3.09	3.77	5.60	9.73	11.73	8.27	2.21	60.98
2002	Dry	1.66	1.41	2.24	3.70	4.01	2.96	3.47	5.12	8.87	10.70	7.56	2.04	53.74
2003	Above Normal	1.54	1.29	2.04	3.36	3.65	3.53	4.43	6.54	11.40	13.75	9.66	2.54	63.73
	Average	2.08	1.76	2.83	4.72	5.08	3.58	4.66	6.96	12.13	14.66	9.63	2.69	70.78
	Wet	2.56	2.12	3.44	5.78	6.21	5.53	6.84	10.23	17.95	21.70	13.93	3.85	100.15
	Above Normal	1.90	1.64	2.63	4.38	4.73	4.04	5.34	7.82	13.67	16.51	11.49	2.97	77.11
	Below Normal	2.30	1.97	3.19	5.33	5.74	2.78	3.82	5.92	10.30	12.42	8.75	2.33	64.85
	Dry	1.83	1.56	2.49	4.13	4.46	2.50	3.58	5.33	9.24	11.14	6.80	2.11	55.15
	Critical	1.36	1.14	1.79	2.92	3.18	1.48	1.83	2.70	4.42	5.45	3.74	1.18	31.17

Energy Use (GWh) At Pumping Plant at San Luis Other: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	3.66	3.19	5.23	8.87	9.48	6.29	8.04	11.48	20.13	24.36	15.57	4.28	120.58
1923	Below Normal	3.29	2.82	4.64	7.63	8.38	3.64	4.39	6.66	11.57	13.98	9.80	2.56	79.36
1924	Critical	1.96	1.64	2.66	4.44	4.78	1.69	2.00	2.96	5.02	6.03	4.35	1.27	38.80
1925	Dry	0.94	0.76	1.16	1.83	2.03	2.78	3.25	5.00	8.64	10.42	7.37	1.99	46.17
1926	Dry	1.51	1.25	1.99	3.27	3.55	2.26	2.65	3.93	6.74	8.12	1.59	1.62	38.48
1927	Wet	1.22	1.00	1.56	2.52	2.75	3.89	4.95	7.37	12.83	15.51	10.85	2.81	67.26
1928	Above Normal	2.15	1.81	2.95	4.94	5.31	3.32	4.54	6.83	11.89	14.36	10.07	2.62	70.79
1929	Critical	2.00	1.69	2.74	4.57	4.91	0.38	0.51	0.74	1.08	1.25	1.06	0.47	21.40
1930	Dry	0.32	0.22	0.24	0.26	0.37	1.87	2.72	4.03	6.93	8.35	5.95	1.66	32.92
1931	Critical	1.24	1.03	1.60	2.59	2.83	1.43	1.71	2.52	4.25	5.10	3.71	1.12	29.13
1932	Dry	0.82	0.66	0.98	1.52	1.70	2.33	2.69	4.03	6.89	8.31	5.91	1.64	37.48
1933	Critical	1.25	1.01	1.59	2.58	2.81	1.13	1.35	2.00	3.32	3.97	2.93	0.92	24.86
1934	Critical	0.68	0.52	0.76	1.16	1.31	1.65	1.95	2.88	4.89	5.87	4.24	1.25	27.16
1935	Below Normal	0.92	0.75	1.13	1.78	1.97	0.62	1.25	4.66	8.01	9.67	6.84	1.86	39.46
1936	Below Normal	1.42	1.16	1.85	3.03	3.28	3.84	4.40	6.59	11.44	13.83	9.70	2.53	63.07
1937	Below Normal	1.94	1.63	2.64	4.10	4.43	1.33	3.23	5.00	9.14	11.04	7.78	2.08	54.34
1938	Wet	1.59	1.31	1.94	3.18	3.46	7.83	8.68	12.92	22.73	27.49	19.11	4.80	115.04
1939	Dry	3.66	3.19	5.23	8.87	9.48	2.25	3.34	4.99	8.61	10.39	2.14	1.98	64.13
1940	Above Normal	1.51	1.24	1.99	3.27	3.53	3.13	4.43	6.80	11.84	14.30	10.02	2.61	64.67
1941	Wet	2.00	1.68	2.56	4.26	4.65	5.65	7.30	10.63	18.62	22.52	15.68	3.98	99.53
1942	Wet	3.06	2.62	4.30	6.95	7.74	6.25	8.03	11.58	20.32	24.58	17.09	4.32	116.84
1943	Wet	3.32	2.85	4.69	7.63	8.46	6.42	7.63	11.39	19.97	24.17	16.79	4.25	117.57
1944	Dry	3.27	2.80	4.61	7.79	8.31	2.44	2.82	4.22	7.23	8.72	6.19	1.71	60.11
1945	Below Normal	1.30	1.06	1.67	2.72	2.95	3.73	5.69	8.50	14.84	17.95	12.53	3.22	76.16
1946	Below Normal	2.47	2.09	3.42	5.74	6.15	4.64	5.67	8.43	14.72	17.80	12.43	3.19	86.75
1947	Dry	2.45	2.08	3.39	5.70	6.10	2.86	4.47	6.66	11.59	14.01	9.82	2.57	71.70
1948	Below Normal	1.96	1.65	2.67	4.45	4.79	1.58	2.41	3.53	6.03	7.25	5.20	1.48	43.00
1949	Dry	1.10	0.90	1.39	2.23	2.45	2.83	5.45	8.14	14.23	17.19	12.03	3.11	71.05
1950	Below Normal	2.36	2.02	3.28	5.49	5.90	2.57	3.67	5.47	9.47	11.43	8.06	2.15	61.87
1951	Above Normal	1.64	1.36	2.08	3.43	3.89	5.10	5.85	8.71	15.22	18.40	12.84	3.29	81.81
1952	Wet	2.53	2.15	3.51	5.89	6.12	7.16	8.68	12.92	22.73	27.49	19.11	4.80	123.09
1953	Wet	3.66	3.19	5.23	8.87	9.48	2.81	3.98	5.98	10.36	12.52	8.80	2.32	77.20
1954	Above Normal	1.78	1.48	2.39	3.96	4.27	3.06	3.92	5.82	10.10	12.19	7.85	2.28	59.10
1955	Dry	1.73	1.45	2.32	3.85	4.16	3.68	4.26	6.33	11.02	13.30	9.34	2.46	63.90
1956	Wet	1.86	1.58	2.53	4.21	4.50	6.66	7.82	11.03	19.34	23.40	16.29	4.13	103.35
1957	Above Normal	3.17	2.72	4.46	7.53	8.05	2.81	2.73	4.05	6.93	8.36	5.94	1.65	58.40
1958	Wet	1.26	1.01	1.60	2.60	2.82	6.66	8.49	12.51	22.01	26.62	18.52	4.66	108.76
1959	Below Normal	3.55	3.09	5.07	8.58	9.18	2.38	3.31	5.08	8.78	10.60	7.48	2.01	69.11
1960	Dry	1.53	1.27	2.03	3.33	3.60	2.16	3.51	5.03	8.71	10.50	1.69	2.01	45.37
1961	Dry	1.51	1.27	2.01	3.30	3.58	2.92	4.34	6.28	10.93	13.19	1.91	2.45	53.69
1962	Below Normal	1.85	1.57	2.51	4.18	4.51	3.41	4.45	6.70	11.65	14.07	9.86	2.57	67.33
1963	Wet	1.97	1.65	2.68	4.47	4.81	3.65	4.62	6.87	11.96	14.45	10.12	2.63	69.88
1964	Dry	2.02	1.70	2.75	4.60	4.94	3.65	4.22	6.26	10.90	13.16	7.73	2.44	64.37
1965	Wet	1.84	1.57	2.51	4.17	4.50	3.86	4.42	10.29	18.02	21.80	5.56	3.87	82.41
1966	Below Normal	2.97	2.54	4.16	7.01	7.49	3.79	4.56	6.82	11.86	14.33	10.05	2.62	78.20
1967	Wet	2.00	1.69	2.73	4.56	4.90	7.24	8.68	12.92	22.73	27.49	19.11	4.80	118.85
1968	Below Normal	3.66	3.19	5.23	8.87	9.48	2.57	3.62	5.34	9.23	11.15	7.86	2.10	72.30
1969	Wet	1.61	1.33	2.13	3.25	3.53	7.58	8.68	12.92	22.73	27.49	19.11	4.80	115.16
1970	Wet	3.66	3.19	5.23	8.87	9.48	4.84	5.85	8.80	15.38	18.60	12.98	3.33	100.21
1971	Wet	2.55	2.17	3.55	5.96	6.38	2.49	3.49	5.24	9.05	10.92	7.70	2.07	61.57
1972	Below Normal	1.58	1.31	2.09	3.44	3.72	3.41	3.87	5.74	9.97	12.03	8.48	2.26	57.90
1973	Above Normal	1.70	1.44	2.29	3.80	4.11	4.12	5.35	7.97	13.91	16.82	11.75	3.03	76.29
1974	Wet	2.32	1.96	3.20	5.37	5.76	6.35	8.14	11.17	20.33	24.60	8.57	4.32	102.09
1975	Wet	3.32	2.85	4.69	7.93	8.46	4.75	6.26	8.76	15.30	18.51	7.37	3.31	91.51
1976	Critical	2.54	2.16	3.53	5.93	6.35	1.38	1.65	2.44	4.10	4.91	3.58	1.09	39.66
1977	Critical	0.80	0.64	0.94	1.46	1.64	1.25	1.50	2.22	3.71	4.44	3.26	1.01	22.87
1978	Above Normal	0.74	0.58	0.85	1.31	1.47	5.01	8.03	11.51	20.95	25.35	17.63	4.44	97.87
1979	Below Normal	3.41	2.93	4.83	8.17	8.73	3.55	5.25	7.86	13.71	16.57	11.58	2.99	89.58
1980	Above Normal	2.29	1.94	3.16	5.00	5.38	6.76	7.78	12.00	21.07	25.49	17.72	4.47	113.06
1981	Dry	3.43	2.95	4.86	8.22	8.78	3.28	3.75	5.80	10.05	12.14	8.54	2.26	74.06
1982	Wet	1.73	1.44	2.32	3.84	4.14	7.52	8.68	12.92	22.73	27.49	19.11	4.80	116.72
1983	Wet	3.66	3.19	5.23	8.87	9.48	7.58	8.68	12.92	22.73	27.49	19.11	4.80	133.74
1984	Wet	6.01	3.19	5.23	8.87	9.48	4.85	5.85	8.73	15.26	18.45	12.88	3.30	102.10
1985	Dry	2.54	2.15	3.52	5.91	6.33	3.73	4.46	6.86	11.94	14.42	10.11	2.63	74.60
1986	Wet	2.01	1.70	2.75	4.59	4.93	4.48	6.12	9.10	16.65	20.14	14.04	3.59	90.10
1987	Dry	2.75	2.35	3.84	6.46	6.91	0.56	2.70	4.00	6.87	8.27	5.90	1.65	52.26
1988	Critical	1.23	1.02	1.59	2.57	2.80	0.41	0.55	0.79	1.19	1.38	1.15	0.49	15.17
1989	Dry	0.34	0.23	0.26	0.30	0.41	0.38	3.31	4.94	8.55	10.31	4.39	1.98	35.40
1990	Critical	1.49	1.25	1.97	3.23	3.51	0.38	0.51	0.74	1.08	1.25	1.06	0.47	16.94
1991	Critical	0.32	0.22	0.24	0.26	0.37	1.79	2.24	3.31	5.65	6.79	4.88	1.40	27.47
1992	Critical	1.04	0.85	1.30	2.08	2.29	1.94	2.93	4.34	5.79	9.01	6.40	1.77	39.74
1993	Above Normal	0.97	1.10	1.72	2.81	3.06	3.75	5.78	7.98	13.93	16.84	11.57	3.03	72.54
1994	Critical	2.32	1.97	3.21	5.38	5.77	4.47	5.10	7.51	13.12	15.52	8.31	2.88	75.56
1995	Wet	2.18	1.87	3.02	5.05	5.43	6.51	8.07	11.62	21.14	25.58	17.78	4.48	112.73
1996	Wet	3.44	2.96	4.87	8.25	8.81	5.09	6.65	9.41	16.45	19.90	8.97	3.55	98.35
1997	Wet	2.72	2.32	3.80	6.09	6.54	6.25	7.55	10.80	18.92	22.89	8.94	4.04	100.86
1998	Wet	3.11	2.66	4.37	7.37	7.87	6.93	8.56	12.54	22.06	26.68	18.55	4.67	125.37
1999	Wet	3.56	3.10	5.08	8.60	9.20	3.42	5.05	7.55	13.15	15.90	11.12	2.87	88.60
2000	Above Normal	2.20	1.86	3.03	5.07	5.44	3.66	5.03	7.49	13.06	15.78	11.04	2.85	76.51
2001	Dry	2.19	1.85	3.01	5.03	5.40	3.14	3.82	5.69	9.87	11.91	8.39	2.23	62.53
2002	Dry	1.69	1.42	2.27	3.76	4.06	2.97	3.47	5.13	8.88	10.70	7.57	2.04	53.96
2003	Above Normal	1.54	1.29	2.04	3.36	3.65	3.70	4.59	6.81	11.86	14.33	10.04	2.62	65.83
	Average	2.13	1.79	2.89	4.80	5.17	3.69	4.76	7.10	12.40	15.00	9.69	2.74	72.14
	Wet	2.62	2.16	3.51	5.85	6.30	5.64	6.96	10.34	18.21	22.03	13.97	3.90	101.50
	Above Normal	1.95	1.67	2.68	4.45	4.80	4.23	5.51	8.12	14.24	17.22	11.84	3.10	79.79
	Below Normal	2.33	1.99	3.23	5.37	5.78	2.93	3.98	6.17	10.74	12.98	9.12	2.40	67.03
	Dry	1.88	1.58	2.55	4.24	4.56	2.56	3.62	5.41	9.37	11.30	6.48	2.14	55.68
	Critical	1.41	1.17	1.84	3.02	3.28	1.49	1.83	2.70	4.43	5.46	3.74	1.18	31.56

Difference in Energy Use (GWh) At Pumping Plant at San Luis Other: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.23	0.21	0.36	0.60	0.74	(0.88)	0.10	0.11
1923	Below Normal	0.11	0.07	0.14	0.03	0.24	0.17	0.16	0.28	0.45	0.56	0.37	0.08	0.22
1924	Critical	0.09	0.05	0.10	0.19	0.19	0.11	0.12	0.18	0.32	0.39	0.26	0.06	0.17
1925	Dry	0.05	0.04	0.08	0.13	0.14	(0.07)	(0.30)	(0.44)	(0.80)	(0.96)	(0.66)	(0.16)	(0.25)
1926	Dry	(0.11)	(0.12)	(0.18)	(0.32)	(0.34)	0.31	0.35	0.53	0.94	1.15	(3.41)	0.19	(0.08)
1927	Wet	0.15	0.13	0.22	0.38	0.40	0.16	0.16	0.28	0.45	0.57	0.37	0.08	0.28
1928	Above Normal	0.08	0.04	0.10	0.19	0.19	0.23	0.20	0.31	0.53	0.65	0.44	0.09	0.25
1929	Critical	0.09	0.06	0.13	0.22	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.25	0.24	0.41	0.69	0.85	0.57	0.12	0.26
1933	Critical	0.12	0.08	0.16	0.28	0.29	0.08	0.00	0.01	0.02	0.03	0.02	0.00	0.09
1934	Critical	0.01	0.00	0.00	0.02	0.01	(0.04)	(0.05)	(0.08)	(0.13)	(0.16)	(0.11)	(0.03)	(0.05)
1935	Below Normal	(0.02)	(0.01)	(0.03)	(0.05)	(0.06)	0.24	0.24	0.34	0.57	0.71	0.47	0.10	0.21
1936	Below Normal	0.10	0.06	0.13	0.24	0.24	0.26	0.25	0.43	0.72	0.90	0.60	0.13	0.34
1937	Below Normal	0.13	0.09	0.18	0.01	0.01	0.25	0.00	0.11	0.69	0.85	0.57	0.12	0.25
1938	Wet	0.12	0.08	(0.01)	(0.01)	(0.01)	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1939	Dry	0.00	0.00	0.00	0.00	0.00	(0.20)	(0.14)	(0.18)	(0.35)	(0.41)	(4.32)	(0.08)	(0.47)
1940	Above Normal	(0.04)	(0.06)	(0.07)	(0.12)	(0.15)	0.45	0.47	0.75	1.32	1.61	1.09	0.25	0.46
1941	Wet	0.22	0.17	0.14	0.25	0.31	0.18	0.12	0.24	0.39	0.48	0.31	0.06	0.24
1942	Wet	0.07	0.04	0.09	(0.13)	0.15	0.23	0.23	0.39	0.66	0.80	1.42	0.12	0.34
1943	Wet	0.12	0.08	0.16	(0.02)	0.27	0.18	0.21	0.36	0.59	0.74	0.47	0.10	0.27
1944	Dry	0.11	0.07	0.14	0.25	0.24	0.13	0.12	0.22	0.36	0.45	0.29	0.06	0.20
1945	Below Normal	0.07	0.04	0.08	0.15	0.15	0.17	0.09	0.17	0.27	0.35	0.22	0.04	0.15
1946	Below Normal	0.06	0.02	0.06	0.11	0.10	0.14	0.13	0.23	0.38	0.47	0.30	0.05	0.17
1947	Dry	0.07	0.04	0.09	0.16	0.15	0.17	0.19	0.31	0.52	0.66	0.43	0.10	0.24
1948	Below Normal	0.09	0.06	0.13	0.22	0.22	0.00	(0.02)	(0.02)	(0.04)	(0.06)	(0.03)	(0.01)	0.04
1949	Dry	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	0.00	0.02	0.03	0.04	0.05	0.04	0.01	0.01
1950	Below Normal	0.01	0.00	0.01	0.02	0.02	0.14	0.15	0.24	0.41	0.51	0.34	0.07	0.16
1951	Above Normal	0.08	0.04	(0.01)	(0.01)	0.16	0.26	0.25	0.42	0.72	0.88	0.59	0.12	0.29
1952	Wet	0.13	0.09	0.17	0.29	0.10	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.08
1953	Wet	0.00	0.00	0.00	0.00	0.00	(0.15)	0.07	0.14	0.21	0.28	0.18	0.03	0.06
1954	Above Normal	0.05	0.02	0.06	0.09	0.09	0.14	0.15	0.24	0.42	0.51	0.30	0.08	0.18
1955	Dry	0.07	0.05	0.09	0.17	0.17	0.02	0.03	0.05	0.08	0.10	0.06	0.01	0.08
1956	Wet	0.01	0.01	0.02	0.03	(0.02)	(0.15)	0.25	0.42	0.71	0.88	0.59	0.13	0.24
1957	Above Normal	0.13	0.09	0.16	0.29	0.30	0.24	0.24	0.40	0.68	0.84	0.56	0.12	0.34
1958	Wet	0.12	0.07	0.16	0.28	0.28	0.25	0.26	(0.37)	(0.65)	(0.79)	(0.54)	(0.13)	(0.09)
1959	Below Normal	(0.10)	(0.09)	(0.15)	(0.26)	(0.27)	0.04	0.28	0.26	0.44	0.55	0.36	0.07	0.09
1960	Dry	0.08	0.05	0.11	0.18	0.18	0.00	0.01	0.01	0.01	0.02	0.00	0.00	0.05
1961	Dry	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	(0.01)	0.24	0.24	0.41	0.70	0.86	0.57	0.12	0.26
1963	Wet	0.12	0.08	0.16	0.28	0.29	0.21	0.21	0.35	0.60	0.74	0.49	0.10	0.30
1964	Dry	0.11	0.07	0.14	0.25	0.24	0.02	0.02	0.02	0.04	0.05	0.02	0.01	0.08
1965	Wet	0.01	0.01	0.01	0.02	0.02	0.17	0.15	(0.03)	(0.09)	(0.09)	0.84	(0.03)	0.08
1966	Below Normal	0.00	(0.02)	(0.02)	(0.02)	(0.04)	0.24	0.25	0.22	0.35	0.44	0.29	0.06	0.15
1967	Wet	0.07	0.04	0.08	0.15	0.14	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	(0.01)	0.22	0.36	0.61	0.76	0.51	0.11	0.21
1969	Wet	0.11	0.07	0.14	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.42	0.71	0.88	0.59	0.13	0.25
1971	Wet	0.12	0.08	0.17	0.30	0.29	0.18	0.19	0.31	0.53	0.64	0.43	0.10	0.28
1972	Below Normal	0.10	0.07	0.13	0.22	0.22	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.06
1973	Above Normal	0.00	0.00	0.00	0.01	0.00	0.25	0.25	0.42	0.72	0.89	0.59	0.13	0.27
1974	Wet	0.12	0.08	0.16	0.29	0.29	(0.13)	0.20	(0.32)	0.14	0.19	(0.36)	0.01	0.06
1975	Wet	0.04	0.01	0.04	0.07	0.05	0.29	0.30	0.49	0.83	1.03	0.64	0.15	0.33
1976	Critical	0.14	0.10	0.20	0.34	0.35	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	0.00	0.09
1977	Critical	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.12)	(0.28)	(0.64)	(0.42)	(0.49)	(0.35)	(0.10)	(0.20)
1979	Below Normal	(0.05)	(0.07)	(0.09)	(0.16)	(0.18)	0.22	0.25	0.42	0.71	0.88	0.58	0.13	0.22
1980	Above Normal	0.13	0.09	0.17	0.00	0.00	(0.07)	(0.08)	0.30	0.51	0.63	0.42	0.46	0.21
1981	Dry	0.10	0.06	0.12	0.21	0.21	0.24	0.07	0.13	0.20	0.26	0.16	0.03	0.15
1982	Wet	0.05	0.02	0.05	0.09	0.08	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.03
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.42	0.72	0.88	0.59	0.12	0.25
1985	Dry	0.13	0.08	0.17	0.29	0.30	0.18	0.19	0.31	0.53	0.64	0.43	0.09	0.28
1986	Wet	0.09	0.07	0.13	0.22	0.21	(0.07)	0.00	0.00	0.72	0.89	0.55	0.13	0.25
1987	Dry	0.12	0.09	0.17	0.29	0.29	(0.03)	(0.02)	(0.03)	(0.05)	(0.06)	(0.04)	(0.01)	0.06
1988	Critical	(0.01)	(0.01)	(0.01)	(0.02)	(0.03)	(0.02)	(0.02)	(0.04)	(0.06)	(0.08)	(0.05)	(0.01)	(0.03)
1989	Dry	(0.01)	(0.01)	(0.02)	(0.03)	(0.03)	0.00	0.03	(0.01)	(0.01)	(0.01)	0.53	0.00	0.04
1990	Critical	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	0.00
1992	Critical	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.00	(0.01)	(0.01)	0.00	(0.02)	(0.02)	0.00	(0.01)
1993	Above Normal	0.00	0.00	(0.01)	0.00	(0.01)	0.25	0.22	0.37	0.64	0.79	0.54	0.11	0.24
1994	Critical	0.11	0.08	0.15	0.26	0.26	0.00	0.01	0.02	0.03	0.05	0.00	0.00	0.08
1995	Wet	0.00	0.00	0.01	0.01	0.01	0.15	(0.35)	(0.67)	(0.47)	(0.55)	(0.40)	(0.10)	(0.20)
1996	Wet	(0.05)	(0.08)	(0.11)	(0.17)	(0.20)	0.30	0.09	0.00	(0.04)	(0.03)	(1.63)	(0.02)	(0.16)
1997	Wet	0.00	(0.02)	0.00	(0.30)	(0.31)	0.25	0.25	0.30	0.50	0.62	(3.47)	0.08	(0.18)
1998	Wet	0.10	0.06	0.12	0.21	0.20	0.12	(0.12)	(0.37)	(0.66)	(0.80)	(0.56)	(0.13)	(0.15)
1999	Wet	(0.10)	(0.09)	(0.15)	(0.27)	(0.28)	0.04	0.30	0.50	0.85	1.05	0.70	0.15	0.23
2000	Above Normal	0.15	0.10	0.20	0.35	0.35	0.23	0.23	0.39	0.66	0.81	0.54	0.11	0.34
2001	Dry	0.12	0.08	0.16	0.27	0.27	0.05	0.05	0.09	0.14	0.18	0.12	0.02	0.13
2002	Dry	0.03	0.01	0.03	0.06	0.05	0.01	0.00	0.01	0.01	0.00	0.01	0.00	0.02
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.17	0.16	0.27	0.46	0.58	0.38	0.08	0.18
	Average	0.05	0.03	0.06	0.08	0.08	0.10	0.10	0.14	0.27	0.34	0.06	0.05	0.11
	Wet	0.06	0.04	0.07	0.08	0.09	0.12	0.12	0.11	0.26	0.32	0.05	0.04	0.11
	Above Normal	0.05	0.03	0.05	0.07	0.08	0.19	0.17	0.30	0.57	0.70	0.35	0.13	0.22
	Below Normal	0.04	0.02	0.04	0.04	0.05	0.15	0.16	0.25	0.45	0.56	0.37	0.08	0.18
	Dry	0.05	0.03	0.06	0.11	0.10	0.06	0.05	0.08	0.13	0.17	(0.32)	0.02	0.04
	Critical	0.05	0.03	0.06	0.11	0.11	0.01	0.00	0.00	0.01	0.01	0.01	0.00	0.03

Percent Difference in Energy Use (GWh) At Pumping Plant at San Luis Other: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	4%	3%	3%	3%	3%	-5%	2%
1923	Below Normal	3%	3%	3%	0%	3%	5%	4%	4%	4%	4%	4%	3%
1924	Critical	5%	3%	4%	4%	4%	7%	6%	6%	7%	7%	6%	5%
1925	Dry	6%	6%	7%	8%	7%	-2%	-8%	-8%	-8%	-8%	-8%	-7%
1926	Dry	-7%	-9%	-8%	-9%	-9%	16%	15%	16%	16%	16%	-68%	13%
1927	Wet	14%	15%	16%	18%	17%	4%	3%	4%	4%	4%	4%	3%
1928	Above Normal	4%	2%	4%	4%	4%	7%	5%	5%	5%	5%	5%	4%
1929	Critical	5%	4%	5%	5%	5%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	12%	10%	11%	11%	11%	11%	8%
1933	Critical	11%	9%	11%	12%	12%	8%	0%	1%	1%	1%	1%	0%
1934	Critical	1%	0%	0%	2%	1%	-2%	-3%	-3%	-3%	-3%	-3%	-2%
1935	Below Normal	-2%	-1%	-3%	-3%	-3%	63%	24%	8%	8%	8%	7%	6%
1936	Below Normal	8%	5%	8%	9%	8%	7%	6%	7%	7%	7%	7%	5%
1937	Below Normal	7%	6%	7%	0%	0%	23%	0%	2%	8%	8%	8%	6%
1938	Wet	8%	7%	-1%	0%	0%	3%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	-8%	-4%	-3%	-4%	-4%	-67%	-4%
1940	Above Normal	-3%	-5%	-3%	-4%	-4%	17%	12%	12%	13%	13%	12%	11%
1941	Wet	12%	11%	6%	6%	7%	3%	2%	2%	2%	2%	2%	2%
1942	Wet	2%	2%	2%	-2%	2%	4%	3%	3%	3%	3%	9%	3%
1943	Wet	4%	3%	4%	0%	3%	3%	3%	3%	3%	3%	3%	2%
1944	Dry	3%	3%	3%	3%	3%	6%	4%	5%	5%	5%	5%	4%
1945	Below Normal	6%	4%	5%	6%	5%	5%	2%	2%	2%	2%	2%	1%
1946	Below Normal	2%	1%	2%	2%	2%	3%	2%	3%	3%	3%	2%	2%
1947	Dry	3%	2%	3%	3%	3%	6%	4%	5%	5%	5%	5%	4%
1948	Below Normal	5%	4%	5%	5%	5%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1949	Dry	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	6%	4%	5%	5%	5%	4%	3%
1951	Above Normal	5%	3%	0%	0%	4%	5%	4%	5%	5%	5%	5%	4%
1952	Wet	5%	4%	5%	5%	2%	3%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	-5%	2%	2%	2%	2%	2%	1%
1954	Above Normal	3%	1%	3%	2%	2%	5%	4%	4%	4%	4%	4%	4%
1955	Dry	4%	4%	4%	5%	4%	1%	1%	1%	1%	1%	1%	0%
1956	Wet	1%	1%	1%	1%	0%	-2%	3%	4%	4%	4%	4%	3%
1957	Above Normal	4%	3%	4%	4%	4%	9%	10%	11%	11%	11%	10%	8%
1958	Wet	11%	7%	11%	12%	11%	4%	3%	-3%	-3%	-3%	-3%	-3%
1959	Below Normal	-3%	-3%	-3%	-3%	-3%	2%	9%	5%	5%	5%	5%	4%
1960	Dry	6%	4%	6%	6%	5%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	8%	6%	7%	6%	7%	6%	5%
1963	Wet	6%	5%	6%	7%	6%	6%	5%	5%	5%	5%	5%	4%
1964	Dry	6%	4%	5%	6%	5%	1%	0%	0%	0%	0%	0%	0%
1965	Wet	1%	1%	0%	0%	0%	5%	4%	0%	0%	0%	18%	-1%
1966	Below Normal	0%	-1%	0%	0%	-1%	7%	6%	3%	3%	3%	3%	2%
1967	Wet	4%	2%	3%	3%	3%	3%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	6%	7%	7%	7%	7%	6%
1969	Wet	7%	6%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	4%	5%	5%	5%	5%	4%
1971	Wet	5%	4%	5%	5%	5%	8%	6%	6%	6%	6%	6%	5%
1972	Below Normal	7%	6%	7%	7%	6%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	6%	5%	6%	5%	6%	5%	4%
1974	Wet	5%	4%	5%	6%	5%	-2%	3%	-3%	1%	1%	-4%	0%
1975	Wet	1%	0%	1%	1%	1%	7%	5%	6%	6%	6%	10%	5%
1976	Critical	6%	5%	6%	6%	6%	-1%	-1%	0%	0%	0%	-1%	0%
1977	Critical	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	-2%	-3%	-5%	-2%	-2%	-2%	-2%
1979	Below Normal	-1%	-2%	-2%	-2%	-2%	7%	5%	6%	5%	6%	5%	5%
1980	Above Normal	6%	5%	6%	0%	0%	-1%	-1%	3%	2%	3%	2%	11%
1981	Dry	3%	2%	3%	3%	2%	8%	2%	2%	2%	2%	2%	1%
1982	Wet	3%	1%	2%	2%	2%	2%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	4%	5%	5%	5%	5%	4%
1985	Dry	5%	4%	5%	5%	5%	5%	4%	5%	5%	5%	4%	4%
1986	Wet	5%	4%	5%	5%	4%	-2%	0%	0%	5%	5%	4%	4%
1987	Dry	5%	4%	5%	5%	4%	-5%	-1%	-1%	-1%	-1%	-1%	-1%
1988	Critical	-1%	-1%	-1%	-1%	-1%	-5%	-4%	-5%	-5%	-5%	-4%	-2%
1989	Dry	-3%	-4%	-7%	-9%	-7%	0%	1%	0%	0%	0%	14%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1992	Critical	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	-1%	0%	0%	7%	4%	5%	5%	5%	5%	4%
1994	Critical	5%	4%	5%	5%	5%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	2%	-4%	-5%	-2%	-2%	-2%	-2%
1996	Wet	-1%	-3%	-2%	-2%	-2%	6%	1%	0%	0%	0%	-15%	-1%
1997	Wet	0%	-1%	0%	-5%	-5%	4%	3%	3%	3%	3%	-28%	2%
1998	Wet	3%	2%	3%	3%	3%	2%	-1%	-3%	-3%	-3%	-3%	-3%
1999	Wet	-3%	-3%	-3%	-3%	-3%	1%	6%	7%	7%	7%	7%	6%
2000	Above Normal	7%	6%	7%	7%	7%	7%	5%	5%	5%	5%	5%	4%
2001	Dry	6%	5%	6%	6%	5%	2%	1%	2%	1%	2%	1%	1%
2002	Dry	2%	1%	1%	2%	1%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	5%	4%	4%	4%	4%	4%	3%
	Average	3%	2%	2%	2%	2%	4%	3%	2%	3%	3%	0%	2%
	Wet	4%	3%	3%	2%	2%	2%	2%	2%	2%	2%	1%	1%
	Above Normal	2%	1%	2%	1%	1%	6%	4%	5%	5%	5%	4%	5%
	Below Normal	2%	1%	2%	2%	1%	10%	5%	4%	4%	5%	4%	3%
	Dry	2%	1%	2%	2%	2%	2%	2%	2%	2%	2%	-6%	1%
	Critical	3%	2%	2%	3%	2%	1%	0%	0%	0%	0%	0%	0%

Energy Use (GWh) At Pumping Plant at System Total: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	122.13	196.71	151.20	118.72	86.67	160.36	43.56	64.71	138.39	157.44	140.98	114.16	1,495.03
1923	Below Normal	118.11	174.94	145.18	126.92	132.83	86.62	33.23	45.10	93.64	140.82	115.47	112.35	1,325.21
1924	Critical	157.85	143.25	131.81	118.92	60.35	19.20	25.94	34.09	25.22	48.89	41.72	64.39	871.63
1925	Dry	80.83	29.54	139.08	117.33	75.80	73.07	32.88	46.33	82.71	131.54	131.80	75.13	1,016.04
1926	Dry	94.92	124.89	115.57	113.79	44.91	21.15	31.76	37.06	63.30	98.87	93.59	93.55	933.36
1927	Wet	89.72	144.01	129.76	85.26	134.00	118.71	32.06	45.74	85.19	142.65	124.79	83.97	1,215.86
1928	Above Normal	65.76	158.38	158.46	121.55	59.19	141.39	29.82	44.59	77.87	122.35	127.72	103.29	1,210.37
1929	Critical	72.99	104.31	154.25	112.54	97.31	67.55	20.91	27.56	20.21	56.23	131.78	65.16	930.80
1930	Dry	79.77	74.58	110.74	84.69	80.53	69.76	37.58	49.43	50.39	98.84	87.30	60.66	884.27
1931	Critical	78.84	100.09	108.48	114.51	118.06	26.81	23.58	34.28	23.73	41.80	40.39	67.42	777.99
1932	Dry	78.81	60.78	157.76	126.32	150.04	24.32	24.73	36.68	32.00	42.25	105.57	133.07	972.33
1933	Critical	88.00	92.26	147.78	149.34	50.81	33.21	22.31	32.10	22.97	42.12	148.90	123.31	953.11
1934	Critical	91.64	68.00	93.35	18.40	20.69	22.71	24.12	35.36	26.65	49.76	40.13	62.01	552.82
1935	Below Normal	69.42	91.30	139.60	125.70	94.54	73.36	22.36	39.04	78.51	102.34	62.31	113.33	1,011.81
1936	Below Normal	137.21	117.12	148.63	76.13	53.97	52.24	35.56	42.89	79.24	131.22	91.49	146.70	1,112.40
1937	Below Normal	117.76	135.60	146.83	85.60	34.26	27.92	39.47	56.76	49.24	99.21	98.81	119.84	1,011.30
1938	Wet	88.06	150.69	139.75	29.44	28.10	63.59	78.77	203.77	150.96	178.30	148.51	107.29	1,367.23
1939	Dry	123.12	51.38	163.77	115.06	126.65	37.34	29.87	42.39	37.31	132.35	118.99	103.26	1,081.49
1940	Above Normal	82.28	101.54	69.26	80.48	101.48	148.29	37.97	47.76	80.29	123.71	122.53	80.05	1,075.64
1941	Wet	83.53	106.07	139.05	143.59	159.36	152.90	47.26	71.13	120.19	153.48	137.79	114.83	1,429.18
1942	Wet	119.82	189.59	148.04	168.57	154.42	148.55	45.04	67.58	126.04	158.34	138.10	112.81	1,576.90
1943	Wet	121.49	207.80	129.95	161.87	143.05	176.08	47.32	57.46	117.04	158.14	142.07	111.74	1,574.01
1944	Dry	118.73	151.77	140.45	111.66	107.58	65.15	30.37	39.54	56.28	120.47	97.45	68.52	1,107.97
1945	Below Normal	83.16	134.93	135.84	122.94	152.29	145.83	35.25	49.44	72.94	148.53	132.96	150.47	1,364.58
1946	Below Normal	131.03	147.09	164.58	158.46	151.69	102.59	33.82	52.87	72.86	147.99	132.46	143.59	1,439.03
1947	Dry	137.23	144.92	152.59	148.97	107.40	29.34	33.27	45.24	61.59	141.22	132.00	95.11	1,228.88
1948	Below Normal	88.29	129.42	117.52	65.59	26.70	69.31	26.32	38.62	70.49	109.55	129.90	114.09	985.80
1949	Dry	141.01	138.38	148.54	116.74	108.20	42.24	31.57	49.03	69.55	148.98	164.49	110.53	1,269.26
1950	Below Normal	111.00	128.61	142.26	72.60	68.43	104.08	30.85	42.78	87.20	128.02	106.42	113.72	1,135.97
1951	Above Normal	154.03	146.54	174.22	175.47	33.68	62.34	33.65	52.58	86.43	119.25	132.84	115.68	1,286.71
1952	Wet	96.90	167.57	133.62	162.04	138.41	159.04	56.90	107.60	152.20	164.99	143.69	111.35	1,594.31
1953	Wet	92.26	188.20	158.42	105.89	109.47	117.04	30.14	43.29	63.53	135.99	125.72	115.89	1,285.84
1954	Above Normal	65.39	151.46	137.48	67.32	69.73	104.03	29.35	42.88	76.36	94.73	124.88	112.43	1,076.04
1955	Dry	87.79	147.60	156.48	127.68	115.52	64.37	29.69	43.01	43.48	140.00	145.34	122.78	1,223.74
1956	Wet	78.96	124.55	162.97	177.47	189.46	59.32	38.98	59.15	128.54	157.84	142.43	115.72	1,435.39
1957	Above Normal	114.73	202.26	141.18	109.00	51.91	29.95	29.15	38.55	52.78	115.31	127.33	104.44	1,116.59
1958	Wet	127.38	159.45	129.43	90.25	138.76	138.79	73.68	92.86	150.22	163.12	144.98	111.71	1,520.63
1959	Below Normal	94.63	209.04	149.19	68.42	80.46	97.64	34.31	42.97	55.53	132.55	125.17	77.66	1,167.57
1960	Dry	111.45	98.62	120.91	109.52	64.47	64.49	28.04	52.47	53.54	119.38	96.80	107.11	1,026.80
1961	Dry	88.02	115.48	154.14	114.99	54.96	100.11	29.42	45.19	41.88	138.41	115.05	121.87	1,119.52
1962	Below Normal	82.23	109.39	86.61	123.01	89.76	118.11	34.86	45.51	61.79	141.13	128.89	100.80	1,122.09
1963	Wet	125.67	147.99	125.67	84.22	88.64	111.34	28.44	44.27	89.53	139.92	126.69	60.24	1,172.62
1964	Dry	81.85	147.07	192.87	123.70	88.18	71.44	28.64	44.43	45.13	137.52	156.29	110.05	1,227.17
1965	Wet	77.76	80.62	128.73	164.89	147.70	135.60	33.88	56.68	98.46	160.08	118.14	114.07	1,316.61
1966	Below Normal	118.17	184.62	154.18	134.58	117.56	85.06	29.43	45.74	62.32	146.99	128.93	105.43	1,313.01
1967	Wet	123.31	109.88	130.13	130.39	114.73	141.28	69.81	99.15	152.66	176.10	143.95	110.14	1,501.53
1968	Below Normal	108.27	132.13	157.75	114.01	63.04	109.16	32.13	43.11	55.62	133.08	123.80	79.32	1,151.42
1969	Wet	131.65	123.63	162.36	175.33	170.00	63.24	95.78	182.60	186.00	228.40	162.01	92.21	1,773.21
1970	Wet	112.41	24.92	143.61	211.66	106.37	61.43	32.20	49.21	70.85	133.86	133.06	112.44	1,192.02
1971	Wet	107.71	77.38	131.71	110.66	94.96	127.92	30.06	41.27	74.29	132.88	124.57	106.60	1,160.01
1972	Below Normal	109.40	75.36	155.67	113.61	48.67	57.24	28.22	43.34	58.11	137.64	126.13	93.79	1,047.18
1973	Above Normal	125.99	143.35	130.42	101.73	144.54	136.19	33.24	46.85	86.45	144.45	131.12	57.29	1,281.62
1974	Wet	129.86	147.20	158.38	172.32	127.77	106.94	40.50	58.12	113.96	159.73	126.24	112.51	1,453.53
1975	Wet	119.23	214.78	154.37	112.95	86.86	146.66	36.36	50.99	108.78	147.22	122.85	112.64	1,413.69
1976	Critical	126.12	159.57	155.46	129.08	150.25	88.20	33.42	34.00	22.19	77.58	33.69	36.83	1,046.39
1977	Critical	58.32	101.75	92.76	96.69	108.07	20.97	24.38	34.80	20.33	39.33	120.12	35.16	752.68
1978	Above Normal	56.62	40.59	86.77	91.47	156.15	171.61	59.84	83.22	146.16	170.46	146.06	114.92	1,323.87
1979	Below Normal	124.41	158.01	150.20	135.93	139.22	163.32	32.62	55.49	69.09	141.85	129.53	151.47	1,451.14
1980	Above Normal	127.87	86.93	163.02	177.75	159.69	58.07	40.47	60.94	137.37	166.63	203.02	65.32	1,447.08
1981	Dry	108.20	174.89	152.77	112.02	91.82	81.58	37.90	46.93	58.74	136.59	137.74	109.63	1,248.81
1982	Wet	116.67	137.77	126.64	137.04	166.66	114.60	97.12	114.46	147.33	166.29	144.80	111.33	1,580.71
1983	Wet	168.50	265.83	261.76	66.95	66.98	62.54	94.61	176.18	200.81	294.01	184.52	167.46	2,010.15
1984	Wet	61.75	44.36	49.53	67.60	74.85	61.63	32.93	49.23	73.88	145.80	132.71	116.99	911.26
1985	Dry	80.18	144.89	162.05	119.76	106.74	82.90	36.43	47.95	61.59	139.44	157.35	108.96	1,248.24
1986	Wet	122.68	155.30	148.34	70.13	162.55	124.88	53.14	73.64	121.68	149.62	188.75	30.59	1,401.30
1987	Dry	66.13	38.22	145.77	110.61	95.02	64.49	28.76	39.26	51.43	147.87	75.74	68.89	932.19
1988	Critical	115.14	106.06	102.35	78.21	22.13	16.47	25.92	30.07	14.78	76.34	125.50	38.21	751.18
1989	Dry	59.61	77.96	100.07	113.41	28.54	23.52	34.22	42.60	69.25	135.69	92.59	106.27	883.73
1990	Critical	75.24	91.65	123.41	104.79	60.09	20.21	21.30	32.70	12.70	72.89	106.17	33.56	754.71
1991	Critical	76.52	77.25	87.84	23.58	53.20	29.93	30.93	40.15	38.91	85.57	103.71	46.36	693.95
1992	Critical	42.79	91.28	56.86	56.46	46.27	68.34	28.26	41.94	46.97	191.16	135.61	34.66	840.60
1993	Above Normal	37.43	73.66	102.32	100.83	131.01	122.10	35.40	49.49	114.11	146.91	134.42	114.41	1,162.09
1994	Critical	115.06	151.24	153.61	107.44	95.87	60.66	34.29	55.54	47.58	143.14	155.98	90.27	1,210.68
1995	Wet	61.97	126.43	115.58	102.95	119.82	173.86	54.58	134.32	136.52	155.52	128.72	114.53	1,424.80
1996	Wet	83.81	101.94	139.15	95.87	146.65	170.15	37.83	44.11	99.04	132.42	111.28	112.73	1,274.98
1997	Wet	116.85	187.22	175.66	181.71	166.28	129.50	36.93	45.58	99.49	131.57	108.39	113.18	1,492.36
1998	Wet	89.26	115.25	169.24	105.75	155.44	179.34	56.96	70.58	140.97	157.28	129.27	111.65	1,480.99
1999	Wet	130.11	159.23	159.30	153.83	143.92	164.11	29.95	37.15	80.07	118.85	109.08	113.26	1,398.86
2000	Above Normal	63.67	153.79	144.13	77.08	153.79	156.12	30.23	36.91	87.48	95.50	111.00	112.30	1,222.00
2001	Dry	76.88	169.60	146.83	128.71	91.88	88.61	28.89	31.81	55.12	165.07	75.31	74.01	1,132.72
2002	Dry	105.76	96.90	146.37	98.88	79.03	73.25	28.57	31.64	54.90	111.71	126.42	91.09	1,044.52
2003	Above Normal	109.45	131.39	128.47	84.02	104.10	102.39	29.79	35.39	74.77	119.25	111.44	84.61	1,115.07
	Average	100.18	127.39	138.38	113.43	101.72	90.80	37.44	55.21	79.56	131.35	122.95	98.26	1,196.66
	Wet	106.82	140.68	144.28	125.72	128.28	123.42	50.43	79.85	118.78	159.32	136.27	107.61	1,421.46
	Above Normal	93.78	132.22	132.24	108.79	104.33	116.07	36.04	50.32	96.54	131.33	134.45	98.24	1,234.34
	Below Normal	106.65	137.68	142.43	108.82	89.53	92.32	32.03	45.98	69.04	131.49	116.59	115.90	1,188.47
	Dry	95.57	110.42	144.82	116.32	89.85	59.84	31.26	42.83	54.90	127.01	117.21	97.81	1,087.84
	Critical	91.54	107.23	117.33	92.50	73.59	39.52	26.28	36.05	26.85	77.07	98.64	58.11	844.71

Energy Use (GWh) At Pumping Plant at System Total: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	122.13	196.71	151.20	118.65	84.88	159.64	44.19	65.98	139.85	161.36	141.54	112.85	1,498.98
1923	Below Normal	123.58	203.80	143.09	122.52	123.68	86.24	34.23	46.74	88.62	143.83	115.04	110.99	1,342.36
1924	Critical	150.92	124.77	111.49	134.63	60.57	19.92	26.75	35.36	26.66	52.05	49.49	64.72	857.33
1925	Dry	79.07	29.78	119.28	103.15	70.74	71.74	33.42	46.69	75.92	130.61	132.23	73.34	965.97
1926	Dry	90.86	124.99	113.58	111.80	45.51	22.45	33.21	40.38	66.17	112.53	64.77	94.73	920.98
1927	Wet	87.63	128.77	125.35	82.00	126.49	115.37	33.03	47.45	87.04	146.50	130.06	83.72	1,193.41
1928	Above Normal	67.07	148.71	154.55	119.16	59.66	137.42	30.78	46.23	79.61	125.33	130.47	102.65	1,201.64
1929	Critical	72.15	101.24	141.78	111.25	96.29	67.09	21.12	27.81	20.42	56.38	129.22	65.40	910.15
1930	Dry	79.49	72.33	109.90	83.19	78.89	69.04	37.89	49.84	50.75	99.56	87.79	60.97	879.64
1931	Critical	78.73	99.26	107.20	112.88	116.23	26.98	23.76	34.52	23.88	42.10	40.68	67.43	773.65
1932	Dry	78.75	59.00	152.77	124.51	148.11	25.03	25.37	37.95	33.81	44.27	89.78	149.54	968.89
1933	Critical	131.81	121.57	149.69	101.34	28.85	33.40	22.25	32.06	23.33	41.43	146.35	114.89	946.97
1934	Critical	95.11	61.14	100.23	18.29	20.47	22.75	24.07	35.22	26.43	48.96	39.86	61.95	554.48
1935	Below Normal	49.66	91.31	139.91	125.95	94.83	74.02	22.81	39.88	79.60	105.08	63.24	113.31	999.60
1936	Below Normal	137.40	117.37	148.88	77.03	73.60	54.53	35.52	44.07	80.79	134.95	92.90	147.21	1,144.25
1937	Below Normal	117.95	135.20	146.41	135.01	34.28	37.67	34.75	46.01	42.51	101.62	100.11	120.02	1,051.54
1938	Wet	88.44	149.30	179.10	63.32	28.02	92.75	72.25	116.02	151.61	169.83	143.29	107.74	1,361.67
1939	Dry	120.50	73.71	158.74	114.67	125.60	37.31	29.70	43.64	36.36	133.08	96.08	100.72	1,070.11
1940	Above Normal	94.78	102.51	70.04	82.01	103.01	148.83	38.89	49.75	82.96	128.29	133.21	94.93	1,129.21
1941	Wet	84.59	102.72	138.77	143.10	158.19	151.59	47.53	69.21	121.39	155.99	139.59	115.87	1,428.54
1942	Wet	120.88	191.60	148.67	168.58	151.42	148.73	45.56	68.67	128.34	161.50	136.65	113.60	1,584.20
1943	Wet	122.27	208.07	130.90	161.67	137.00	171.58	45.93	58.44	128.15	161.66	144.75	112.27	1,582.69
1944	Dry	119.11	168.81	134.88	112.76	108.23	65.70	30.61	40.08	56.94	120.00	95.75	68.77	1,121.64
1945	Below Normal	83.78	135.85	136.62	124.04	123.84	160.23	35.40	49.83	73.39	150.62	134.40	149.80	1,357.80
1946	Below Normal	119.55	147.60	165.29	154.14	152.40	103.45	34.03	53.41	73.67	150.32	134.08	145.86	1,433.80
1947	Dry	135.73	145.61	153.42	150.36	107.86	29.75	33.64	46.04	62.61	143.41	132.90	94.89	1,236.22
1948	Below Normal	88.94	129.56	117.88	66.39	27.35	69.31	26.27	38.53	70.39	109.64	129.92	114.08	988.26
1949	Dry	140.85	138.38	148.52	116.77	108.25	42.25	31.60	49.09	69.66	149.12	164.70	110.55	1,269.74
1950	Below Normal	110.98	128.51	142.04	72.62	68.42	104.43	31.14	43.40	88.28	129.78	107.74	114.20	1,141.54
1951	Above Normal	154.45	146.93	174.24	175.20	38.65	62.93	34.15	53.65	87.80	121.05	135.08	116.47	1,300.60
1952	Wet	97.66	168.20	134.42	161.89	138.34	144.44	51.48	96.01	152.61	166.16	144.89	111.88	1,567.98
1953	Wet	93.63	242.66	158.98	89.24	108.85	117.09	30.26	43.56	63.81	137.84	126.98	117.93	1,330.83
1954	Above Normal	65.91	148.12	139.00	68.85	71.00	104.38	29.61	43.46	77.15	95.78	125.95	112.73	1,081.94
1955	Dry	88.10	148.47	156.72	128.00	115.63	64.48	29.75	43.14	43.67	140.41	145.30	121.42	1,225.09
1956	Wet	79.04	124.83	156.89	170.12	192.78	76.85	39.48	60.23	131.09	161.03	144.67	116.51	1,453.52
1957	Above Normal	115.48	202.92	142.00	110.31	52.81	30.52	29.63	39.57	54.08	118.31	129.45	105.19	1,130.27
1958	Wet	128.14	160.06	130.18	91.28	139.40	147.52	68.20	84.60	149.83	162.56	144.84	112.77	1,519.38
1959	Below Normal	95.36	213.05	149.35	69.04	80.71	102.69	34.97	43.75	56.42	134.66	126.81	77.65	1,184.46
1960	Dry	111.95	99.31	121.48	110.39	65.04	64.51	28.04	52.46	53.55	119.40	89.21	107.17	1,022.51
1961	Dry	88.00	115.55	154.26	115.10	54.97	100.16	29.41	45.17	41.86	138.38	113.60	121.83	1,118.29
1962	Below Normal	82.23	109.43	86.61	123.00	89.77	118.68	35.35	46.55	63.12	144.22	131.06	101.58	1,131.60
1963	Wet	126.42	148.61	126.44	85.28	86.07	111.98	28.86	45.18	90.66	142.83	128.74	60.29	1,181.36
1964	Dry	83.19	147.74	193.41	124.93	89.03	71.42	28.67	44.49	45.24	137.63	156.45	110.05	1,232.25
1965	Wet	77.77	80.65	128.80	159.28	136.78	135.87	34.24	56.66	98.26	161.43	116.96	115.12	1,301.82
1966	Below Normal	119.10	179.90	155.25	135.52	118.81	85.42	30.08	46.29	63.20	149.01	130.35	104.35	1,317.28
1967	Wet	123.31	110.43	130.84	131.42	112.31	139.82	64.04	89.82	152.98	175.45	145.13	111.95	1,487.50
1968	Below Normal	105.86	181.72	157.47	114.17	63.09	108.80	32.63	44.14	56.90	136.00	125.97	79.93	1,206.68
1969	Wet	129.23	124.77	162.05	153.46	190.23	63.24	79.19	204.84	187.27	229.87	163.43	101.07	1,788.65
1970	Wet	111.28	24.89	144.27	213.45	96.33	61.70	32.70	50.28	72.57	137.18	135.30	113.17	1,193.12
1971	Wet	108.63	77.58	132.48	111.73	95.62	128.31	30.44	42.06	75.29	135.21	126.22	107.19	1,170.76
1972	Below Normal	110.05	75.75	156.28	114.43	49.17	57.25	28.23	43.36	58.13	137.68	126.16	93.81	1,050.30
1973	Above Normal	125.94	143.37	130.45	101.75	144.55	136.78	33.73	48.00	87.99	147.86	133.62	87.44	1,321.48
1974	Wet	105.35	147.23	158.35	158.08	125.84	150.23	41.00	57.58	115.76	161.93	126.89	113.38	1,461.62
1975	Wet	120.14	211.11	155.47	114.49	88.07	147.48	36.91	52.20	111.47	150.65	125.18	113.44	1,426.61
1976	Critical	126.97	161.26	156.25	130.08	150.76	88.17	33.41	33.98	22.14	79.41	32.54	36.84	1,051.81
1977	Critical	57.16	101.64	92.69	96.65	107.89	20.96	24.38	34.80	20.32	39.34	119.67	35.16	750.66
1978	Above Normal	56.75	40.23	86.89	91.42	141.46	164.78	51.51	71.94	145.11	169.56	147.79	115.47	1,282.91
1979	Below Normal	125.41	179.39	149.63	135.41	139.50	158.12	33.14	56.70	70.66	145.29	132.05	152.20	1,477.50
1980	Above Normal	121.96	87.66	164.15	163.46	214.39	57.66	40.33	61.66	138.13	214.90	206.27	82.38	1,552.95
1981	Dry	95.64	117.68	154.65	113.89	93.00	64.15	37.95	47.15	59.12	138.45	137.29	107.72	1,166.69
1982	Wet	117.37	138.16	127.48	138.31	154.09	135.86	97.12	102.42	148.04	167.16	145.71	111.85	1,583.57
1983	Wet	129.02	246.05	294.23	115.33	66.98	62.54	94.61	176.18	200.81	294.01	185.09	167.95	2,032.80
1984	Wet	61.75	44.36	49.53	67.60	75.14	61.63	33.44	50.31	75.60	148.98	134.95	117.78	921.07
1985	Dry	80.95	145.53	162.85	120.86	107.42	83.32	36.80	48.74	62.85	141.78	158.99	109.54	1,259.63
1986	Wet	123.25	155.77	148.93	71.08	153.33	137.83	52.56	67.50	122.27	152.99	187.48	30.93	1,403.92
1987	Dry	67.05	52.16	145.94	111.41	95.49	64.41	28.79	39.26	51.37	146.67	74.73	68.81	946.09
1988	Critical	115.14	106.01	102.21	78.26	22.08	16.41	25.86	29.94	14.63	74.85	125.37	38.32	749.08
1989	Dry	59.64	77.97	100.03	113.47	28.60	23.52	34.28	42.57	69.21	135.64	94.00	106.20	885.13
1990	Critical	75.23	91.56	123.26	104.79	60.08	20.21	21.30	32.70	12.70	72.90	106.28	33.57	754.58
1991	Critical	76.50	77.29	87.73	23.58	53.17	29.94	30.92	40.12	38.88	83.88	105.28	46.31	693.60
1992	Critical	42.74	91.34	56.88	56.02	46.25	68.29	28.25	41.92	46.97	190.88	135.59	34.57	839.70
1993	Above Normal	37.44	73.60	102.29	100.75	129.74	121.95	35.84	50.44	116.50	149.88	136.54	115.19	1,170.16
1994	Critical	115.81	151.17	154.40	108.57	96.63	60.65	34.31	55.58	47.64	143.26	156.05	90.36	1,214.43
1995	Wet	62.05	126.47	115.57	102.91	112.79	160.64	50.03	82.06	137.43	156.64	130.10	114.98	1,351.67
1996	Wet	85.34	150.26	132.99	97.58	144.97	155.00	38.16	44.10	98.96	133.44	109.32	113.62	1,303.74
1997	Wet	112.54	186.50	172.68	182.35	167.39	131.04	37.54	46.31	101.55	121.42	102.48	114.44	1,476.24
1998	Wet	110.56	93.48	170.20	106.97	145.94	178.09	54.19	64.79	139.51	155.43	128.26	112.56	1,459.98
1999	Wet	131.10	159.78	159.89	154.92	151.61	164.11	30.68	38.34	82.11	122.32	111.17	113.42	1,419.45
2000	Above Normal	66.91	152.75	145.23	78.18	154.23	156.51	30.80	37.86	89.11	97.52	112.93	112.98	1,235.01
2001	Dry	77.44	169.71	151.38	129.72	92.54	88.69	29.01	32.02	55.47	164.67	74.76	74.18	1,139.59
2002	Dry	105.83	96.85	146.45	99.03	79.07	73.23	28.59	31.65	54.92	111.74	126.44	90.24	1,044.04
2003	Above Normal	109.48	131.51	128.53	84.04	104.12	102.82	30.18	36.05	75.88	121.29	112.71	85.28	1,121.89
	Average	99.83	129.00	138.52	113.64	101.16	91.86	36.96	53.37	80.22	133.25	122.86	99.44	1,200.11
	Wet	105.28	142.40	146.67	126.75	126.31	126.59	48.82	73.65	120.17	160.39	136.85	108.67	1,422.54
	Above Normal	94.86	131.25	132.38	107.82	108.21	115.35	35.80	50.38	97.85	137.59	137.13	103.63	1,252.25
	Below Normal	104.99	144.89	142.48	112.09	88.53	94.35	32.04	45.90	68.98	133.76	117.85	116.07	1,201.93
	Dry	94.56	110.20	143.24	115.78	89.67	58.95	31.49	43.35	54.97	128.19	113.04	98.37	1,081.81
	Critical	94.86	107.35	115.32	89.70	71.61	39.56	26.37	36.17	27.00	77.12	98.87	57.46	841.37

Difference in Energy Use (GWh) At Pumping Plant at System Total: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	(0.07)	(1.79)	(0.72)	0.63	1.27	1.46	3.92	0.56	(1.31)	0.33
1923	Below Normal	5.47	28.86	(2.09)	(4.40)	(9.15)	(0.38)	1.00	1.64	(5.02)	3.01	(0.43)	(1.36)	1.43
1924	Critical	(6.93)	(18.48)	(20.32)	15.71	0.22	0.72	0.81	1.27	1.44	3.16	7.77	0.33	(1.19)
1925	Dry	(1.76)	0.24	(19.80)	(14.18)	(5.06)	(1.33)	0.54	0.36	(6.79)	(0.93)	0.43	(1.79)	(4.17)
1926	Dry	(4.06)	0.10	(1.99)	(1.99)	0.60	1.30	1.45	3.32	2.87	13.66	(28.82)	1.18	(1.03)
1927	Wet	(2.09)	(15.24)	(4.41)	(3.26)	(7.51)	(3.34)	0.97	1.71	1.85	3.85	5.27	(0.25)	(1.87)
1928	Above Normal	1.31	(9.67)	(3.91)	(2.39)	0.47	(3.97)	0.96	1.64	1.74	2.98	2.75	(0.64)	(0.73)
1929	Critical	(0.84)	(3.07)	(12.47)	(1.29)	(1.02)	(0.46)	0.21	0.25	0.21	0.15	(2.56)	0.24	(1.72)
1930	Dry	(0.28)	(2.25)	(0.84)	(1.50)	(1.64)	(0.72)	0.31	0.41	0.36	0.72	0.49	0.31	(0.39)
1931	Critical	(0.11)	(0.83)	(1.28)	(1.63)	(1.83)	0.17	0.18	0.24	0.15	0.30	0.29	0.01	(0.36)
1932	Dry	(0.06)	(1.78)	(4.99)	(1.81)	(1.93)	0.71	0.64	1.27	1.81	2.02	(15.79)	16.47	(0.29)
1933	Critical	43.81	29.31	1.91	(48.00)	(21.96)	0.19	(0.06)	(0.04)	0.36	(0.69)	(2.55)	(8.42)	(0.51)
1934	Critical	3.47	(6.86)	6.88	(0.11)	(0.22)	0.04	(0.05)	(0.14)	(0.22)	(0.80)	(0.27)	(0.06)	0.14
1935	Below Normal	(19.76)	0.01	0.31	0.25	0.29	0.66	0.45	0.84	1.09	2.74	0.93	(0.02)	(1.02)
1936	Below Normal	0.19	0.25	0.25	0.90	19.63	2.29	(0.04)	1.18	1.55	3.73	1.41	0.51	2.65
1937	Below Normal	0.19	(0.40)	(0.42)	49.41	0.02	9.75	(4.72)	(10.75)	(6.73)	2.41	1.30	0.18	3.35
1938	Wet	0.38	(1.39)	39.35	33.88	(0.08)	29.16	(6.52)	(87.75)	0.65	(8.47)	(5.22)	0.45	(0.46)
1939	Dry	(2.62)	22.33	(5.03)	(0.39)	(1.05)	(0.03)	(0.17)	1.25	(0.95)	0.73	(22.91)	(2.54)	(0.95)
1940	Above Normal	12.50	0.97	0.78	1.53	1.53	0.54	0.92	1.99	2.67	4.58	10.68	14.88	4.46
1941	Wet	1.06	(3.35)	(0.28)	(0.49)	(1.17)	(1.31)	0.27	(1.92)	1.20	2.51	1.80	1.04	(0.05)
1942	Wet	1.06	2.01	0.63	0.01	(3.00)	0.18	0.52	1.09	2.30	3.16	(1.45)	0.79	0.61
1943	Wet	0.78	0.27	0.95	(0.20)	(6.05)	(4.50)	(1.39)	0.98	11.11	3.52	2.68	0.53	0.72
1944	Dry	0.38	17.04	(5.57)	1.10	0.65	0.55	0.24	0.54	0.66	(0.47)	(1.70)	0.25	1.14
1945	Below Normal	0.62	0.92	0.78	1.10	(28.45)	14.40	0.15	0.39	0.45	2.09	1.44	(0.67)	(0.57)
1946	Below Normal	(11.48)	0.51	0.71	(4.32)	0.71	0.86	0.21	0.54	0.81	2.33	1.62	2.27	(0.44)
1947	Dry	(1.50)	0.69	0.83	1.39	0.46	0.41	0.37	0.80	1.02	2.19	0.90	(0.22)	0.61
1948	Below Normal	0.65	0.14	0.36	0.80	0.65	0.00	(0.05)	(0.09)	(0.10)	0.09	0.02	(0.01)	0.20
1949	Dry	(0.16)	0.00	(0.02)	0.03	0.05	0.01	0.03	0.06	0.11	0.14	0.21	0.02	0.04
1950	Below Normal	(0.02)	(0.10)	(0.22)	0.02	(0.01)	0.35	0.29	0.62	1.08	1.76	1.32	0.48	0.46
1951	Above Normal	0.42	0.39	0.02	(0.27)	4.97	0.59	0.50	1.07	1.37	1.80	2.24	0.79	1.16
1952	Wet	0.76	0.63	0.80	(0.15)	(0.07)	(14.60)	(5.42)	(11.59)	0.41	1.17	1.20	0.53	(2.19)
1953	Wet	1.37	54.46	0.56	(16.65)	(0.62)	0.05	0.12	0.27	0.28	1.85	1.26	2.04	3.75
1954	Above Normal	0.52	(3.34)	1.52	1.53	1.27	0.35	0.26	0.58	0.79	1.05	1.07	0.30	0.49
1955	Dry	0.31	0.87	0.24	0.32	0.11	0.11	0.06	0.13	0.19	0.41	(0.04)	(1.36)	0.11
1956	Wet	0.08	0.28	(6.08)	(7.35)	3.32	17.53	0.50	1.08	2.55	3.19	2.24	0.79	1.51
1957	Above Normal	0.75	0.66	0.82	1.31	0.90	0.57	0.48	1.02	1.30	3.00	2.12	0.75	1.14
1958	Wet	0.76	0.61	0.75	1.03	0.64	8.73	(5.48)	(8.26)	(0.39)	(0.56)	(0.14)	1.06	(0.10)
1959	Below Normal	0.73	4.01	0.16	0.62	0.25	5.05	0.66	0.78	0.89	2.11	1.64	(0.01)	1.41
1960	Dry	0.50	0.69	0.57	0.87	0.57	0.02	0.00	(0.01)	0.01	0.02	(7.59)	0.06	(0.36)
1961	Dry	(0.02)	0.07	0.12	0.11	0.01	0.05	(0.01)	(0.02)	(0.02)	(0.03)	(1.45)	(0.04)	(0.10)
1962	Below Normal	0.00	0.04	0.00	(0.01)	0.01	0.57	0.49	1.04	1.33	3.09	2.17	0.78	0.79
1963	Wet	0.75	0.62	0.77	1.06	(2.57)	0.64	0.42	0.91	1.13	2.91	2.05	0.05	0.73
1964	Dry	1.34	0.67	0.54	1.23	0.85	(0.02)	0.03	0.06	0.11	0.11	0.16	0.00	0.42
1965	Wet	0.01	0.03	0.07	(5.61)	(10.92)	0.27	0.36	(0.02)	(0.20)	1.35	(1.18)	1.05	(1.23)
1966	Below Normal	0.93	(4.72)	1.07	0.94	1.25	0.36	0.65	0.55	0.88	2.02	1.42	(1.08)	0.36
1967	Wet	0.00	0.55	0.71	1.03	(2.42)	(1.46)	(5.77)	(9.33)	0.32	(0.65)	1.18	1.81	(1.17)
1968	Below Normal	(2.41)	49.59	(0.28)	0.16	0.05	(0.36)	0.50	1.03	1.28	2.92	2.17	0.61	4.61
1969	Wet	(2.42)	1.14	(0.31)	(21.87)	20.23	0.00	(16.59)	22.24	1.27	1.47	1.42	8.86	1.29
1970	Wet	(1.13)	(0.03)	0.66	1.79	(10.04)	0.27	0.50	1.07	1.72	3.32	2.24	0.73	0.09
1971	Wet	0.92	0.20	0.77	1.07	0.66	0.39	0.38	0.79	1.00	2.33	1.65	0.59	0.90
1972	Below Normal	0.65	0.39	0.61	0.82	0.50	0.01	0.01	0.02	0.02	0.04	0.03	0.02	0.26
1973	Above Normal	(0.05)	0.02	0.03	0.02	0.01	0.59	0.49	1.15	1.54	3.41	2.50	30.15	3.32
1974	Wet	(24.51)	0.03	(0.03)	(14.24)	(1.93)	43.29	0.50	(0.54)	1.80	2.20	0.65	0.87	0.67
1975	Wet	0.91	(3.67)	1.10	1.54	1.21	0.82	0.55	1.21	2.69	3.43	2.33	0.80	1.08
1976	Critical	0.85	1.69	0.79	1.00	0.51	(0.03)	(0.01)	(0.02)	(0.05)	1.83	(1.15)	0.01	0.45
1977	Critical	(1.16)	(0.11)	(0.07)	(0.04)	(0.18)	(0.01)	0.00	0.00	(0.01)	0.01	(0.45)	0.00	(0.17)
1978	Above Normal	0.13	(0.36)	0.12	(0.05)	(14.69)	(6.83)	(8.33)	(11.28)	(1.05)	(0.90)	1.73	0.55	(3.41)
1979	Below Normal	1.00	21.38	(0.57)	(0.52)	0.28	(5.20)	0.52	1.21	1.57	3.44	2.52	0.73	2.20
1980	Above Normal	(5.91)	0.73	1.13	(14.29)	54.70	(0.41)	(0.14)	0.72	0.76	48.27	3.25	17.06	8.82
1981	Dry	(12.56)	(57.21)	1.88	1.87	1.18	(17.43)	0.05	0.22	0.38	1.86	(0.45)	(1.91)	(6.84)
1982	Wet	0.70	0.39	0.84	1.27	(12.57)	21.26	0.00	(12.04)	0.71	0.87	0.91	0.52	0.24
1983	Wet	(39.48)	(19.78)	32.47	48.38	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.49	1.89
1984	Wet	0.00	0.00	0.00	0.00	0.29	0.00	0.51	1.08	1.72	3.18	2.24	0.79	0.82
1985	Dry	0.77	0.64	0.80	1.10	0.68	0.42	0.37	0.79	1.26	2.34	1.64	0.58	0.95
1986	Wet	0.57	0.47	0.59	0.95	(9.22)	12.95	(0.58)	(6.14)	0.59	3.37	(1.27)	0.34	0.22
1987	Dry	0.92	13.94	0.17	0.80	0.47	(0.08)	0.03	0.00	(0.06)	(1.20)	(1.01)	(0.08)	1.16
1988	Critical	0.00	(0.05)	(0.14)	0.05	(0.05)	(0.06)	(0.06)	(0.13)	(0.15)	(1.49)	(0.13)	0.11	(0.17)
1989	Dry	0.03	0.01	(0.04)	0.06	0.06	0.00	0.06	(0.03)	(0.04)	(0.05)	1.41	(0.07)	0.12
1990	Critical	(0.01)	(0.09)	(0.15)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01	0.11	0.01	(0.01)
1991	Critical	(0.02)	0.04	(0.11)	0.00	(0.03)	0.01	(0.01)	(0.03)	(0.03)	(1.69)	1.57	(0.05)	(0.03)
1992	Critical	(0.05)	0.06	0.02	(0.44)	(0.02)	(0.05)	(0.01)	(0.02)	0.00	(0.28)	(0.02)	(0.09)	(0.07)
1993	Above Normal	0.01	(0.06)	(0.03)	(0.08)	(1.27)	(0.15)	0.44	0.95	2.39	2.97	2.12	0.78	0.67
1994	Critical	0.75	(0.07)	0.79	1.13	0.76	(0.01)	0.02	0.04	0.06	0.12	0.07	0.09	0.31
1995	Wet	0.08	0.04	(0.01)	(0.04)	(7.03)	(13.22)	(4.55)	(52.26)	0.91	1.12	1.38	0.45	(6.09)
1996	Wet	1.53	48.32	(6.16)	1.71	(1.68)	(15.15)	0.33	(0.01)	(0.08)	1.02	(1.96)	0.89	2.40
1997	Wet	(4.31)	(0.72)	(2.98)	0.64	1.11	1.54	0.61	0.73	2.06	(10.15)	(5.91)	1.26	(1.34)
1998	Wet	21.30	(21.77)	0.96	1.22	(9.50)	(1.25)	(2.77)	(5.79)	(1.46)	(1.85)	(1.01)	0.91	(1.75)
1999	Wet	0.99	0.55	0.59	1.09	7.69	0.00	0.73	1.19	2.04	3.47	2.09	0.16	1.72
2000	Above Normal	3.24	(1.04)	1.10	1.10	0.44	0.39	0.57	0.95	1.63	2.02	1.93	0.68	1.08
2001	Dry	0.56	0.11	4.55	1.01	0.66	0.08	0.12	0.21	0.35	(0.40)	(0.55)	0.17	0.57
2002	Dry	0.07	(0.05)	0.08	0.15	0.04	(0.02)	0.02	0.01	0.02	0.03	0.02	(0.85)	(0.04)
2003	Above Normal	0.03	0.12	0.06	0.02	0.02	0.43	0.39	0.66	1.11	2.04	1.27	0.67	0.57
	Average	(0.35)	1.60	0.15	0.21	(0.56)	1.06	(0.48)	(1.84)	0.66	1.91	(0.09)	1.18	0.29
	Wet	(1.54)	1.72	2.40	1.03	(1.97)	3.16	(1.61)	(6.20)	1.39	1.06	0.58	1.06	0.09
	Above Normal	1.08	(0.96)	0.14	(0.97)	3.88	(0.72)	(0.24)	0.06	1.31	6.26	2.69	5.39	1.49
	Below Normal	(1.66)	7.21	0.05	3.27	(1.00)	2.03	0.01	(0.07)	(0.06)	2.27	1.25	0.17	1.12
	Dry	(1.01)	(0.22)	(1.58)	(0.55)	(0.18)	(0.89)	0.23	0.52	0.07	1.18	(4.17)	0.57	(0.50)
	Critical	3.31	0.13	(2.01)	(2.80)	(1.99)	0.04	0.09	0.12	0.15	0.05	0.22	(0.65)	(0.28)

Percent Difference in Energy Use (GWh) At Pumping Plant at System Total: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	-2%	0%	1%	2%	1%	2%	0%	-1%
1923	Below Normal	5%	16%	-1%	-3%	-7%	0%	3%	4%	-5%	2%	0%	-1%
1924	Critical	-4%	-13%	-15%	13%	0%	4%	3%	4%	6%	6%	19%	1%
1925	Dry	-2%	1%	-14%	-12%	-7%	-2%	2%	1%	-8%	-1%	0%	-2%
1926	Dry	-4%	0%	-2%	-2%	1%	6%	5%	9%	5%	14%	-31%	1%
1927	Wet	-2%	-11%	-3%	-4%	-6%	-3%	3%	4%	2%	3%	4%	0%
1928	Above Normal	2%	-6%	-2%	-2%	1%	-3%	3%	4%	2%	2%	2%	-1%
1929	Critical	-1%	-3%	-8%	-1%	-1%	-1%	1%	1%	1%	0%	-2%	0%
1930	Dry	0%	-3%	-1%	-2%	-2%	-1%	1%	1%	1%	1%	1%	1%
1931	Critical	0%	-1%	-1%	-1%	-2%	1%	1%	1%	1%	1%	1%	0%
1932	Dry	0%	-3%	-3%	-1%	-1%	3%	3%	3%	6%	5%	-15%	12%
1933	Critical	50%	32%	1%	-32%	-43%	1%	0%	0%	2%	-2%	-2%	-7%
1934	Critical	4%	-10%	7%	-1%	-1%	0%	0%	0%	-1%	-2%	-1%	0%
1935	Below Normal	-28%	0%	0%	0%	0%	1%	2%	2%	1%	3%	1%	0%
1936	Below Normal	0%	0%	0%	1%	36%	4%	0%	3%	2%	3%	2%	0%
1937	Below Normal	0%	0%	0%	58%	0%	35%	-12%	-19%	-14%	2%	1%	0%
1938	Wet	0%	-1%	28%	115%	0%	46%	-8%	-43%	0%	-5%	-4%	0%
1939	Dry	-2%	43%	-3%	0%	-1%	0%	-1%	3%	-3%	1%	-19%	-2%
1940	Above Normal	15%	1%	1%	2%	2%	0%	2%	4%	3%	4%	9%	19%
1941	Wet	1%	-3%	0%	0%	-1%	-1%	1%	-3%	1%	2%	1%	1%
1942	Wet	1%	1%	0%	0%	-2%	0%	1%	2%	2%	2%	-1%	1%
1943	Wet	1%	0%	1%	0%	-4%	-3%	-3%	2%	9%	2%	2%	0%
1944	Dry	0%	11%	-4%	1%	1%	1%	1%	1%	1%	0%	-2%	0%
1945	Below Normal	1%	1%	1%	1%	-19%	10%	0%	1%	1%	1%	1%	0%
1946	Below Normal	-9%	0%	0%	-3%	0%	1%	1%	1%	1%	2%	1%	2%
1947	Dry	-1%	0%	1%	1%	0%	1%	1%	2%	2%	2%	1%	0%
1948	Below Normal	1%	0%	0%	1%	2%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%	0%
1951	Above Normal	0%	0%	0%	0%	15%	1%	1%	2%	2%	2%	2%	1%
1952	Wet	1%	0%	1%	0%	0%	-9%	-10%	-11%	0%	1%	1%	0%
1953	Wet	1%	29%	0%	-16%	-1%	0%	0%	1%	0%	1%	1%	2%
1954	Above Normal	1%	-2%	1%	2%	2%	0%	1%	1%	1%	1%	1%	0%
1955	Dry	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1956	Wet	0%	0%	-4%	-4%	2%	30%	1%	2%	2%	2%	2%	1%
1957	Above Normal	1%	0%	1%	1%	2%	2%	2%	3%	2%	3%	2%	1%
1958	Wet	1%	0%	1%	1%	0%	6%	-7%	-9%	0%	0%	0%	1%
1959	Below Normal	1%	2%	0%	1%	0%	5%	2%	2%	2%	2%	1%	0%
1960	Dry	0%	1%	0%	1%	1%	0%	0%	0%	0%	0%	-8%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	1%	2%	2%	2%	2%	1%
1963	Wet	1%	0%	1%	1%	-3%	1%	1%	2%	1%	2%	2%	0%
1964	Dry	2%	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	-3%	-7%	0%	1%	0%	0%	1%	-1%	1%
1966	Below Normal	1%	-3%	1%	1%	1%	0%	2%	1%	1%	1%	1%	-1%
1967	Wet	0%	1%	1%	1%	-2%	-1%	-8%	-9%	0%	0%	1%	2%
1968	Below Normal	-2%	38%	0%	0%	0%	0%	2%	2%	2%	2%	2%	1%
1969	Wet	-2%	1%	0%	-12%	12%	0%	-17%	12%	1%	1%	1%	10%
1970	Wet	-1%	0%	0%	1%	-9%	0%	2%	2%	2%	2%	2%	1%
1971	Wet	1%	0%	1%	1%	1%	0%	1%	2%	1%	2%	1%	1%
1972	Below Normal	1%	1%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	1%	2%	2%	2%	2%	53%
1974	Wet	-19%	0%	0%	-8%	-2%	40%	1%	-1%	2%	1%	1%	1%
1975	Wet	1%	-2%	1%	1%	1%	1%	2%	2%	2%	2%	2%	1%
1976	Critical	1%	1%	1%	1%	0%	0%	0%	0%	0%	2%	-3%	0%
1977	Critical	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	-1%	0%	0%	-9%	-4%	-14%	-14%	-1%	-1%	1%	0%
1979	Below Normal	1%	14%	0%	0%	0%	-3%	2%	2%	2%	2%	2%	0%
1980	Above Normal	-5%	1%	1%	-8%	34%	-1%	0%	1%	1%	29%	2%	26%
1981	Dry	-12%	-33%	1%	2%	1%	-21%	0%	0%	1%	1%	0%	-2%
1982	Wet	1%	0%	1%	1%	-8%	19%	0%	-11%	0%	1%	1%	0%
1983	Wet	-23%	-7%	12%	72%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	2%	2%	2%	2%	2%	1%
1985	Dry	1%	0%	0%	1%	1%	1%	1%	2%	2%	2%	1%	1%
1986	Wet	0%	0%	0%	1%	-6%	10%	-1%	-8%	0%	2%	-1%	1%
1987	Dry	1%	36%	0%	1%	0%	0%	0%	0%	0%	-1%	-1%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-2%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	2%	0%
1992	Critical	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	-1%	0%	1%	2%	2%	2%	2%	1%
1994	Critical	1%	0%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	-6%	-8%	-8%	-39%	1%	1%	1%	0%
1996	Wet	2%	47%	-4%	2%	-1%	-9%	1%	0%	0%	1%	-2%	1%
1997	Wet	-4%	0%	-2%	0%	1%	1%	2%	2%	2%	-8%	-5%	1%
1998	Wet	24%	-19%	1%	1%	-6%	-1%	-5%	-8%	-1%	-1%	-1%	1%
1999	Wet	1%	0%	0%	1%	5%	0%	2%	3%	3%	3%	2%	0%
2000	Above Normal	5%	-1%	1%	1%	0%	0%	2%	3%	2%	2%	2%	1%
2001	Dry	1%	0%	3%	1%	1%	0%	0%	1%	1%	0%	-1%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	1%	2%	1%	2%	1%	1%
	Average	0%	2%	0%	2%	0%	2%	0%	-1%	1%	1%	0%	2%
	Wet	-1%	1%	1%	6%	-2%	5%	-2%	-4%	1%	1%	0%	1%
	Above Normal	2%	-1%	0%	0%	4%	0%	0%	1%	2%	4%	2%	8%
	Below Normal	-2%	5%	0%	4%	1%	4%	0%	0%	0%	2%	1%	0%
	Dry	-1%	3%	-1%	0%	0%	-1%	1%	1%	0%	1%	-4%	0%
	Critical	4%	0%	-1%	-2%	-4%	0%	0%	0%	1%	0%	1%	0%

Energy Use (GWh) At Pumping Plant at Tehama Other: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.09	0.00	0.00	0.00	0.00	0.01	0.85	2.04	2.53	2.87	2.30	0.51	11.20
1923	Below Normal	0.19	0.00	0.00	0.00	0.00	0.22	0.00	1.40	1.65	1.94	1.56	0.00	6.96
1924	Critical	0.34	0.01	0.00	0.00	0.00	0.11	0.42	0.58	0.77	0.99	1.28	0.35	4.85
1925	Dry	0.14	0.00	0.00	0.00	0.00	0.00	0.28	0.36	1.37	1.72	1.38	0.00	5.25
1926	Dry	0.38	0.00	0.00	0.00	0.00	0.03	0.08	0.02	0.70	0.71	0.56	0.00	2.48
1927	Wet	0.18	0.00	0.00	0.00	0.00	0.01	0.53	2.03	2.33	2.92	2.35	0.53	10.88
1928	Above Normal	0.16	0.00	0.00	0.00	0.00	0.00	0.50	0.86	1.60	1.83	1.47	0.15	6.57
1929	Critical	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37
1930	Dry	0.14	0.04	0.00	0.00	0.00	0.00	0.19	0.12	0.83	0.85	0.69	0.27	3.13
1931	Critical	0.24	0.04	0.00	0.00	0.00	0.14	0.38	0.49	0.68	0.94	1.24	0.31	4.46
1932	Dry	0.19	0.04	0.00	0.00	0.00	0.01	0.09	0.27	0.94	1.23	1.47	0.19	4.43
1933	Critical	0.24	0.05	0.00	0.00	0.00	0.08	0.30	0.43	0.61	0.81	1.14	0.29	3.95
1934	Critical	0.17	0.05	0.00	0.00	0.00	0.01	0.38	0.61	0.82	1.06	1.34	0.37	4.81
1935	Below Normal	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.86	0.97	0.78	0.00	2.95
1936	Below Normal	0.22	0.00	0.00	0.00	0.00	0.00	0.44	0.47	1.03	1.40	1.13	0.01	4.70
1937	Below Normal	0.32	0.02	0.00	0.00	0.00	0.00	0.00	0.35	0.86	1.06	0.85	0.01	3.47
1938	Wet	0.19	0.00	0.00	0.00	0.00	0.00	0.01	1.35	2.64	2.98	2.39	0.37	9.93
1939	Dry	0.33	0.01	0.00	0.00	0.24	0.31	0.77	0.63	0.86	0.89	0.72	0.26	5.02
1940	Above Normal	0.22	0.01	0.00	0.00	0.00	0.00	0.76	1.11	2.56	2.92	2.34	0.51	10.43
1941	Wet	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.80	2.50	2.98	2.39	0.55	9.43
1942	Wet	0.22	0.00	0.00	0.00	0.00	0.00	0.00	1.07	2.60	2.98	2.39	0.53	9.79
1943	Wet	0.48	0.00	0.00	0.00	0.00	0.00	0.01	1.70	2.26	2.56	2.07	0.41	9.49
1944	Dry	0.44	0.01	0.00	0.00	0.00	0.01	0.33	0.10	0.69	0.81	0.65	0.29	3.33
1945	Below Normal	0.21	0.00	0.00	0.00	0.00	0.00	0.01	0.83	1.63	2.10	1.69	0.24	6.71
1946	Below Normal	0.15	0.00	0.00	0.00	0.00	0.05	1.10	1.86	2.23	2.48	2.02	0.86	10.75
1947	Dry	0.45	0.00	0.00	0.00	0.00	0.00	0.71	0.95	1.08	1.38	1.10	0.49	6.16
1948	Below Normal	0.15	0.00	0.00	0.00	0.04	0.05	0.13	0.95	2.01	2.98	2.39	0.46	9.16
1949	Dry	0.32	0.06	0.00	0.00	0.00	0.00	0.02	1.03	2.12	2.32	1.86	0.31	8.04
1950	Below Normal	0.46	0.00	0.00	0.00	0.00	0.01	0.00	0.41	0.92	1.05	0.85	0.00	3.70
1951	Above Normal	0.16	0.00	0.00	0.00	0.00	0.06	0.83	1.26	2.53	2.87	2.31	0.51	10.53
1952	Wet	0.15	0.00	0.00	0.00	0.00	0.00	0.18	1.60	2.35	2.89	2.35	0.53	10.05
1953	Wet	0.54	0.00	0.00	0.00	0.00	0.13	0.34	1.94	2.43	2.92	2.11	0.53	10.94
1954	Above Normal	0.45	0.00	0.00	0.00	0.00	0.00	0.01	1.84	2.58	2.98	2.18	0.55	10.59
1955	Dry	0.50	0.00	0.00	0.00	0.00	0.11	0.00	0.95	1.14	1.29	1.04	0.40	5.43
1956	Wet	0.27	0.00	0.00	0.00	0.00	0.13	0.55	1.73	2.43	2.92	2.34	0.40	10.77
1957	Above Normal	0.34	0.07	0.00	0.00	0.00	0.17	0.38	1.36	1.90	2.16	1.73	0.34	8.45
1958	Wet	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.90	2.42	2.88	2.36	0.53	9.24
1959	Below Normal	0.49	0.07	0.00	0.00	0.00	0.06	0.58	1.26	1.92	2.09	1.63	0.34	8.44
1960	Dry	0.43	0.07	0.00	0.00	0.00	0.00	0.00	0.33	1.08	1.14	0.92	0.01	3.98
1961	Dry	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.81	1.45	1.77	1.39	0.06	5.76
1962	Below Normal	0.37	0.04	0.00	0.00	0.00	0.00	0.44	1.46	2.16	2.57	2.06	0.37	9.47
1963	Wet	0.14	0.00	0.00	0.00	0.00	0.00	0.00	1.06	2.57	2.98	2.39	0.54	9.68
1964	Dry	0.24	0.00	0.00	0.00	0.00	0.14	0.93	0.96	1.01	1.22	0.98	0.38	5.86
1965	Wet	0.17	0.00	0.00	0.00	0.00	0.10	0.00	1.32	2.15	2.45	1.67	0.37	8.23
1966	Below Normal	0.48	0.00	0.00	0.00	0.00	0.08	1.59	1.50	2.19	2.43	1.96	0.35	10.58
1967	Wet	0.48	0.00	0.00	0.00	0.00	0.00	0.01	1.26	1.97	2.97	2.39	0.53	9.61
1968	Below Normal	0.50	0.04	0.00	0.00	0.00	0.00	0.21	1.19	1.79	2.29	1.65	0.31	7.98
1969	Wet	0.32	0.00	0.00	0.00	0.00	0.00	0.37	1.72	2.47	2.89	2.33	0.51	10.61
1970	Wet	0.31	0.01	0.00	0.00	0.00	0.00	0.26	1.17	1.71	2.08	1.67	0.23	7.44
1971	Wet	0.30	0.00	0.00	0.00	0.00	0.14	1.05	1.57	2.25	2.58	2.06	0.41	10.36
1972	Below Normal	0.45	0.00	0.00	0.00	0.01	0.53	0.29	0.70	1.24	1.46	1.17	0.00	5.85
1973	Above Normal	0.15	0.00	0.00	0.00	0.00	0.00	0.31	1.64	2.65	2.92	2.34	0.49	10.50
1974	Wet	0.20	0.00	0.00	0.00	0.00	0.00	0.01	1.96	2.60	2.57	2.39	0.55	10.28
1975	Wet	0.29	0.01	0.00	0.00	0.00	0.00	0.04	2.01	2.60	2.85	2.32	0.53	10.65
1976	Critical	0.17	0.01	0.00	0.00	0.25	0.18	0.23	0.27	0.32	0.34	0.25	0.11	2.13
1977	Critical	0.18	0.00	0.00	0.00	0.01	0.15	0.36	0.41	0.65	0.86	1.18	0.23	4.03
1978	Above Normal	0.18	0.04	0.00	0.00	0.00	0.00	0.05	1.77	2.64	2.98	2.39	0.32	10.37
1979	Below Normal	0.56	0.00	0.00	0.00	0.00	0.00	0.63	0.89	1.71	1.85	1.49	0.11	7.24
1980	Above Normal	0.18	0.00	0.00	0.00	0.00	0.00	0.14	1.34	2.31	2.71	2.21	0.46	9.35
1981	Dry	0.48	0.02	0.00	0.00	0.00	0.00	0.01	1.14	2.28	2.49	2.00	0.29	8.71
1982	Wet	0.17	0.00	0.00	0.00	0.00	0.00	0.01	1.32	2.29	2.98	2.39	0.10	9.26
1983	Wet	0.14	0.00	0.00	0.00	0.00	0.00	0.00	1.14	2.45	2.98	2.33	0.40	9.44
1984	Wet	0.44	0.00	0.00	0.00	0.00	0.11	0.95	1.67	2.28	2.62	1.97	0.41	10.45
1985	Dry	0.25	0.00	0.00	0.00	0.00	0.00	0.38	1.66	2.05	2.27	1.80	0.57	8.98
1986	Wet	0.39	0.00	0.00	0.00	0.00	0.00	0.57	1.02	1.87	2.11	1.70	0.09	7.75
1987	Dry	0.42	0.02	0.00	0.00	0.00	0.00	0.45	0.58	0.73	0.74	0.60	0.26	3.80
1988	Critical	0.20	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.02	0.02	0.01	0.29
1989	Dry	0.15	0.04	0.00	0.00	0.00	0.00	0.54	0.44	0.90	1.08	0.86	0.25	4.26
1990	Critical	0.18	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.28
1991	Critical	0.14	0.04	0.00	0.00	0.00	0.00	0.24	0.65	0.93	1.22	1.46	0.24	4.92
1992	Critical	0.22	0.05	0.00	0.00	0.00	0.00	0.35	0.49	1.11	1.49	1.69	0.09	5.49
1993	Above Normal	0.16	0.05	0.00	0.00	0.00	0.00	0.17	1.27	1.94	2.69	2.17	0.45	8.90
1994	Critical	0.36	0.04	0.00	0.00	0.00	0.07	1.28	1.37	2.21	2.63	2.60	0.84	11.40
1995	Wet	0.31	0.00	0.00	0.00	0.00	0.00	0.04	0.96	2.31	2.98	2.39	0.55	9.54
1996	Wet	0.56	0.08	0.00	0.00	0.00	0.00	0.74	0.76	2.52	2.98	2.39	0.53	10.56
1997	Wet	0.23	0.04	0.00	0.00	0.00	0.14	0.84	1.69	1.94	2.27	1.70	0.26	9.11
1998	Wet	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.20	2.33	2.98	2.39	0.44	8.71
1999	Wet	0.32	0.04	0.00	0.00	0.00	0.00	0.30	1.90	2.35	2.92	2.34	0.53	10.70
2000	Above Normal	0.50	0.04	0.00	0.00	0.00	0.00	0.03	1.37	2.36	2.98	2.39	0.45	10.12
2001	Dry	0.15	0.05	0.00	0.00	0.00	0.00	0.00	0.44	1.01	1.20	0.96	0.01	3.82
2002	Dry	0.24	0.04	0.00	0.00	0.00	0.11	0.85	1.05	1.95	2.22	1.78	0.78	9.02
2003	Above Normal	0.45	0.04	0.00	0.00	0.00	0.00	0.26	0.95	2.55	2.97	2.06	0.55	9.83
	Average	0.29	0.02	0.00	0.00	0.01	0.04	0.32	1.02	1.72	2.04	1.68	0.33	7.47
	Wet	0.29	0.01	0.00	0.00	0.00	0.03	0.26	1.38	2.33	2.78	2.21	0.44	9.73
	Above Normal	0.25	0.02	0.00	0.00	0.00	0.02	0.36	1.40	2.35	2.74	2.16	0.44	9.74
	Below Normal	0.34	0.01	0.00	0.00	0.00	0.07	0.39	0.96	1.59	1.91	1.52	0.22	7.00
	Dry	0.31	0.02	0.00	0.00	0.01	0.04	0.31	0.66	1.23	1.41	1.15	0.27	5.41
	Critical	0.23	0.03	0.00	0.00	0.02	0.06	0.33	0.44	0.68	0.86	1.02	0.24	3.92

Energy Use (GWh) At Pumping Plant at Tehama Other: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.09	0.00	0.00	0.00	0.00	0.01	0.85	2.04	2.53	2.87	2.30	0.51	11.20
1923	Below Normal	0.19	0.00	0.00	0.00	0.00	0.21	0.00	1.34	1.58	1.86	1.49	0.00	6.67
1924	Critical	0.33	0.01	0.00	0.00	0.00	0.12	0.45	0.61	0.80	1.03	1.31	0.36	5.02
1925	Dry	0.14	0.00	0.00	0.00	0.00	0.00	0.28	0.38	1.40	1.76	1.41	0.01	5.38
1926	Dry	0.38	0.00	0.00	0.00	0.00	0.04	0.10	0.09	0.81	0.83	0.66	0.00	2.91
1927	Wet	0.18	0.00	0.00	0.00	0.00	0.01	0.53	2.03	2.33	2.92	2.35	0.53	10.88
1928	Above Normal	0.16	0.00	0.00	0.00	0.00	0.00	0.52	0.90	1.66	1.90	1.52	0.17	6.83
1929	Critical	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38
1930	Dry	0.14	0.04	0.00	0.00	0.00	0.00	0.19	0.12	0.83	0.85	0.69	0.27	3.13
1931	Critical	0.24	0.04	0.00	0.00	0.00	0.14	0.38	0.49	0.68	0.94	1.24	0.31	4.46
1932	Dry	0.19	0.04	0.00	0.00	0.00	0.01	0.09	0.27	0.94	1.22	1.47	0.19	4.42
1933	Critical	0.24	0.05	0.00	0.00	0.00	0.08	0.28	0.41	0.59	0.79	1.12	0.28	3.84
1934	Critical	0.17	0.05	0.00	0.00	0.00	0.01	0.37	0.59	0.80	1.05	1.33	0.37	4.74
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.84	0.95	0.77	0.00	2.70
1936	Below Normal	0.22	0.00	0.00	0.00	0.00	0.00	0.44	0.47	1.03	1.41	1.13	0.01	4.71
1937	Below Normal	0.32	0.02	0.00	0.00	0.00	0.00	0.00	0.35	0.86	1.05	0.84	0.01	3.45
1938	Wet	0.19	0.00	0.00	0.00	0.00	0.00	0.01	1.35	2.64	2.98	2.39	0.37	9.93
1939	Dry	0.33	0.01	0.00	0.00	0.24	0.28	0.67	0.55	0.76	0.78	0.63	0.22	4.47
1940	Above Normal	0.21	0.01	0.00	0.00	0.00	0.00	0.77	1.12	2.57	2.93	2.36	0.52	10.49
1941	Wet	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.80	2.50	2.98	2.39	0.55	9.44
1942	Wet	0.22	0.00	0.00	0.00	0.00	0.00	0.00	1.07	2.60	2.98	2.39	0.53	9.79
1943	Wet	0.48	0.00	0.00	0.00	0.00	0.00	0.01	1.69	2.24	2.55	2.06	0.40	9.43
1944	Dry	0.43	0.01	0.00	0.00	0.00	0.01	0.32	0.08	0.66	0.78	0.63	0.28	3.20
1945	Below Normal	0.20	0.00	0.00	0.00	0.00	0.00	0.01	0.78	1.58	2.03	1.63	0.22	6.45
1946	Below Normal	0.15	0.00	0.00	0.00	0.00	0.05	1.07	1.84	2.20	2.45	2.00	0.85	10.61
1947	Dry	0.44	0.00	0.00	0.00	0.00	0.00	0.72	0.96	1.09	1.39	1.11	0.49	6.20
1948	Below Normal	0.15	0.00	0.00	0.00	0.04	0.05	0.13	0.95	2.01	2.98	2.39	0.46	9.16
1949	Dry	0.32	0.06	0.00	0.00	0.00	0.00	0.02	1.03	2.12	2.32	1.86	0.31	8.04
1950	Below Normal	0.46	0.00	0.00	0.00	0.00	0.01	0.00	0.41	0.92	1.05	0.84	0.00	3.69
1951	Above Normal	0.16	0.00	0.00	0.00	0.00	0.06	0.83	1.26	2.53	2.87	2.31	0.51	10.53
1952	Wet	0.15	0.00	0.00	0.00	0.00	0.00	0.18	1.60	2.35	2.89	2.35	0.53	10.05
1953	Wet	0.54	0.00	0.00	0.00	0.00	0.12	0.34	1.94	2.43	2.92	2.11	0.53	10.93
1954	Above Normal	0.45	0.00	0.00	0.00	0.00	0.00	0.01	1.84	2.58	2.98	2.18	0.55	10.59
1955	Dry	0.50	0.00	0.00	0.00	0.00	0.11	0.00	0.95	1.14	1.29	1.03	0.39	5.41
1956	Wet	0.27	0.00	0.00	0.00	0.00	0.13	0.55	1.73	2.43	2.92	2.34	0.40	10.77
1957	Above Normal	0.34	0.07	0.00	0.00	0.00	0.17	0.38	1.36	1.90	2.16	1.73	0.34	8.45
1958	Wet	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.90	2.42	2.88	2.36	0.53	9.24
1959	Below Normal	0.49	0.07	0.00	0.00	0.00	0.06	0.59	1.26	1.93	2.10	1.64	0.34	8.48
1960	Dry	0.43	0.07	0.00	0.00	0.00	0.00	0.00	0.33	1.08	1.14	0.92	0.01	3.98
1961	Dry	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.81	1.45	1.76	1.39	0.06	5.75
1962	Below Normal	0.37	0.04	0.00	0.00	0.00	0.00	0.44	1.46	2.16	2.57	2.06	0.37	9.47
1963	Wet	0.14	0.00	0.00	0.00	0.00	0.00	0.00	1.06	2.57	2.98	2.39	0.54	9.68
1964	Dry	0.24	0.00	0.00	0.00	0.00	0.14	0.93	0.96	1.01	1.22	0.98	0.38	5.86
1965	Wet	0.17	0.00	0.00	0.00	0.00	0.10	0.00	1.29	2.11	2.41	1.64	0.35	8.07
1966	Below Normal	0.48	0.00	0.00	0.00	0.00	0.08	1.61	1.52	2.22	2.46	1.99	0.36	10.72
1967	Wet	0.49	0.00	0.00	0.00	0.00	0.00	0.01	1.26	1.97	2.97	2.39	0.53	9.62
1968	Below Normal	0.50	0.04	0.00	0.00	0.00	0.00	0.21	1.19	1.79	2.29	1.65	0.31	7.98
1969	Wet	0.31	0.00	0.00	0.00	0.00	0.00	0.37	1.72	2.47	2.89	2.33	0.51	10.60
1970	Wet	0.31	0.01	0.00	0.00	0.00	0.00	0.26	1.17	1.71	2.08	1.67	0.23	7.44
1971	Wet	0.30	0.00	0.00	0.00	0.00	0.14	1.05	1.57	2.25	2.58	2.06	0.41	10.36
1972	Below Normal	0.45	0.00	0.00	0.00	0.01	0.53	0.29	0.70	1.24	1.46	1.17	0.00	5.85
1973	Above Normal	0.15	0.00	0.00	0.00	0.00	0.00	0.31	1.64	2.65	2.92	2.34	0.49	10.50
1974	Wet	0.20	0.00	0.00	0.00	0.00	0.00	0.01	1.96	2.60	2.57	2.39	0.55	10.28
1975	Wet	0.29	0.01	0.00	0.00	0.00	0.00	0.04	2.01	2.60	2.85	2.32	0.53	10.65
1976	Critical	0.17	0.01	0.00	0.00	0.25	0.18	0.23	0.27	0.32	0.34	0.25	0.10	2.12
1977	Critical	0.18	0.00	0.00	0.00	0.01	0.15	0.36	0.41	0.65	0.86	1.18	0.23	4.03
1978	Above Normal	0.18	0.04	0.00	0.00	0.00	0.00	0.05	1.77	2.64	2.98	2.39	0.32	10.37
1979	Below Normal	0.56	0.00	0.00	0.00	0.00	0.00	0.62	0.86	1.67	1.80	1.45	0.09	7.05
1980	Above Normal	0.18	0.00	0.00	0.00	0.00	0.00	0.13	1.32	2.28	2.68	2.19	0.45	9.23
1981	Dry	0.48	0.02	0.00	0.00	0.00	0.00	0.01	1.15	2.29	2.51	2.01	0.29	8.76
1982	Wet	0.17	0.00	0.00	0.00	0.00	0.00	0.01	1.32	2.29	2.98	2.39	0.10	9.26
1983	Wet	0.14	0.00	0.00	0.00	0.00	0.00	0.00	1.14	2.45	2.98	2.33	0.40	9.44
1984	Wet	0.44	0.00	0.00	0.00	0.00	0.11	0.95	1.67	2.28	2.62	1.97	0.41	10.45
1985	Dry	0.25	0.00	0.00	0.00	0.00	0.00	0.38	1.66	2.05	2.27	1.80	0.57	8.98
1986	Wet	0.39	0.00	0.00	0.00	0.00	0.00	0.57	1.02	1.87	2.11	1.70	0.09	7.75
1987	Dry	0.42	0.02	0.00	0.00	0.00	0.00	0.44	0.57	0.73	0.74	0.59	0.26	3.77
1988	Critical	0.20	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.25
1989	Dry	0.15	0.04	0.00	0.00	0.00	0.00	0.54	0.44	0.90	1.08	0.86	0.25	4.26
1990	Critical	0.18	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.28
1991	Critical	0.14	0.04	0.00	0.00	0.00	0.00	0.24	0.64	0.93	1.21	1.46	0.23	4.89
1992	Critical	0.22	0.05	0.00	0.00	0.00	0.00	0.35	0.49	1.11	1.49	1.69	0.09	5.49
1993	Above Normal	0.16	0.05	0.00	0.00	0.00	0.00	0.17	1.26	1.94	2.68	2.16	0.44	8.86
1994	Critical	0.36	0.04	0.00	0.00	0.00	0.07	1.28	1.37	2.21	2.62	2.60	0.84	11.39
1995	Wet	0.31	0.00	0.00	0.00	0.00	0.00	0.04	0.96	2.31	2.98	2.39	0.55	9.54
1996	Wet	0.56	0.08	0.00	0.00	0.00	0.00	0.74	0.76	2.52	2.98	2.39	0.53	10.56
1997	Wet	0.23	0.04	0.00	0.00	0.00	0.14	0.84	1.69	1.94	2.27	1.70	0.26	9.11
1998	Wet	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.20	2.33	2.98	2.39	0.44	8.71
1999	Wet	0.32	0.04	0.00	0.00	0.00	0.00	0.30	1.90	2.35	2.92	2.34	0.53	10.70
2000	Above Normal	0.50	0.04	0.00	0.00	0.00	0.00	0.03	1.37	2.36	2.98	2.39	0.45	10.12
2001	Dry	0.15	0.05	0.00	0.00	0.00	0.00	0.00	0.45	1.01	1.20	0.97	0.01	3.84
2002	Dry	0.24	0.04	0.00	0.00	0.00	0.11	0.85	1.05	1.96	2.22	1.78	0.78	9.03
2003	Above Normal	0.45	0.04	0.00	0.00	0.00	0.00	0.26	0.95	2.55	2.97	2.06	0.55	9.83
	Average	0.29	0.02	0.00	0.00	0.01	0.04	0.32	1.01	1.72	2.04	1.68	0.33	7.45
	Wet	0.29	0.01	0.00	0.00	0.00	0.03	0.26	1.38	2.33	2.78	2.21	0.44	9.72
	Above Normal	0.25	0.02	0.00	0.00	0.00	0.02	0.36	1.40	2.35	2.74	2.16	0.44	9.75
	Below Normal	0.32	0.01	0.00	0.00	0.00	0.07	0.39	0.95	1.57	1.89	1.50	0.22	6.93
	Dry	0.31	0.02	0.00	0.00	0.01	0.04	0.31	0.66	1.24	1.41	1.16	0.27	5.41
	Critical	0.23	0.03	0.00	0.00	0.02	0.06	0.33	0.44	0.68	0.86	1.02	0.23	3.91

Difference in Energy Use (GWh) At Pumping Plant at Tehama Other: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.06)	(0.07)	(0.08)	(0.07)	0.00	(0.02)
1924	Critical	(0.01)	0.00	0.00	0.00	0.00	0.01	0.03	0.03	0.03	0.04	0.03	0.01	0.01
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03	0.04	0.03	0.01	0.01
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.07	0.11	0.12	0.10	0.00	0.04
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.06	0.07	0.05	0.02	0.02
1929	Critical	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.02)	(0.01)	(0.01)	0.00	(0.01)
1935	Below Normal	(0.19)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.02)	(0.01)	0.00	(0.02)
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.10)	(0.08)	(0.10)	(0.11)	(0.09)	(0.04)	(0.05)
1940	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.01	0.01
1941	Wet	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.01)	(0.01)	(0.01)	0.00
1944	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.03)	(0.03)	(0.02)	(0.01)	(0.01)
1945	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	(0.05)	(0.07)	(0.06)	(0.02)	(0.02)
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.02)	(0.03)	(0.03)	(0.02)	(0.01)	(0.01)
1947	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.04)	(0.04)	(0.03)	(0.02)	(0.01)
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.03	0.03	0.03	0.01	0.01
1967	Wet	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.03)	(0.04)	(0.05)	(0.04)	(0.02)	(0.02)
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.03)	(0.03)	(0.02)	(0.01)	(0.01)
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.01	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	(0.01)	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00	(0.01)	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	(0.00)	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
	Wet	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
	Above Normal	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	(0.01)	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.01)	(0.01)	(0.02)	(0.01)	(0.00)	(0.01)
	Dry	(0.00)	0.00	0.00	0.00	0.00	(0.00)	(0.01)	0.00	0.00	0.00	0.00	(0.00)	(0.00)
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)

Percent Difference in Energy Use (GWh) At Pumping Plant at Tehama Other: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	-5%	0%	-4%	-4%	-4%	-4%	0%
1924	Critical	-3%	0%	0%	0%	0%	9%	7%	5%	4%	4%	2%	3%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	6%	2%	2%	2%	-
1926	Dry	0%	0%	0%	0%	0%	33%	25%	350%	16%	17%	18%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	4%	5%	4%	4%	3%	13%
1929	Critical	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	-7%	-5%	-3%	-2%	-2%	-3%
1934	Critical	0%	0%	0%	0%	0%	0%	-3%	-3%	-2%	-1%	-1%	0%
1935	Below Normal	-100%	0%	0%	0%	0%	0%	0%	-7%	-2%	-2%	-1%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	-10%	-13%	-13%	-12%	-12%	-13%	-15%
1940	Above Normal	-5%	0%	0%	0%	0%	0%	1%	1%	0%	0%	1%	2%
1941	Wet	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	-2%
1944	Dry	-2%	0%	0%	0%	0%	0%	-3%	-20%	-4%	-4%	-3%	-3%
1945	Below Normal	-5%	0%	0%	0%	0%	0%	0%	-6%	-3%	-3%	-4%	-8%
1946	Below Normal	0%	0%	0%	0%	0%	0%	-3%	-1%	-1%	-1%	-1%	-1%
1947	Dry	-2%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	-8%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-3%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	2%	0%	1%	0%	1%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	-2%	-2%	-2%	-2%	-5%
1966	Below Normal	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	2%	3%
1967	Wet	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-9%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	-2%	-3%	-2%	-3%	-3%	-18%
1980	Above Normal	0%	0%	0%	0%	0%	0%	-7%	-1%	-1%	-1%	-1%	-2%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	1%	0%	1%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-2%	-2%	0%	0%	-2%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-50%	-50%	-50%	-100%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	-1%	0%	-4%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	-2%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	1%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-1%	0%	0%	0%	0%	0%	0%	4%	-1%	-1%	-1%	-2%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
	Below Normal	-7%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-2%
	Dry	0%	0%	0%	0%	0%	1%	0%	18%	0%	0%	0%	-1%
	Critical	0%	0%	0%	0%	0%	1%	0%	0%	-4%	-4%	-4%	-9%

Energy Use (GWh) At Pumping Plant at Tracy: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	67.18	65.01	67.18	51.97	42.41	65.87	14.41	13.79	65.01	67.18	67.18	65.01	652.20
1923	Below Normal	59.22	60.25	62.36	52.16	58.44	44.40	14.36	11.68	47.87	67.18	59.87	65.01	602.80
1924	Critical	67.18	64.89	55.82	49.06	29.71	11.68	13.65	12.47	5.43	11.68	18.58	39.19	379.34
1925	Dry	45.24	17.16	58.35	46.68	31.41	38.32	15.27	14.01	42.90	64.37	54.97	48.49	477.17
1926	Dry	53.33	56.69	49.60	46.93	23.41	11.68	16.03	11.68	33.78	51.25	42.86	55.48	452.72
1927	Wet	52.52	65.01	54.29	34.23	52.25	54.13	11.41	11.68	40.56	67.18	63.23	51.48	557.97
1928	Above Normal	42.73	57.83	67.18	50.24	29.81	62.62	12.20	11.68	36.15	56.96	67.18	60.09	554.67
1929	Critical	45.62	38.31	67.18	48.16	43.75	35.24	11.31	11.68	9.65	31.11	67.18	44.40	453.59
1930	Dry	49.32	39.37	48.47	34.75	32.95	36.90	19.70	17.76	22.80	49.31	35.15	41.99	428.47
1931	Critical	46.90	46.63	46.39	46.50	47.78	17.88	11.31	11.68	5.51	8.76	18.10	40.56	348.00
1932	Dry	45.00	31.71	67.18	49.98	56.28	15.14	11.31	11.68	10.07	11.68	45.77	65.01	420.81
1933	Critical	46.10	41.08	59.46	56.87	22.93	20.40	11.31	11.68	8.19	11.68	66.08	60.59	416.37
1934	Critical	47.05	32.11	39.16	8.58	11.14	14.94	11.31	11.68	6.37	8.76	18.10	38.20	247.40
1935	Below Normal	40.80	45.57	61.39	51.27	38.55	36.51	12.01	11.68	42.64	50.46	27.38	63.28	481.54
1936	Below Normal	61.76	53.42	62.06	32.36	21.51	31.18	14.50	11.68	39.02	63.14	46.11	65.01	501.75
1937	Below Normal	61.93	59.36	59.06	33.06	15.18	16.44	15.95	17.78	20.51	48.13	36.68	65.01	449.09
1938	Wet	51.00	65.01	51.66	12.11	12.34	30.31	33.64	62.98	65.01	67.18	67.18	63.46	581.88
1939	Dry	57.02	11.31	67.18	49.62	57.00	25.90	11.31	11.68	6.34	67.18	50.17	61.61	476.32
1940	Above Normal	51.21	53.44	34.75	37.82	45.45	67.18	16.16	11.68	38.76	57.88	62.56	49.61	526.50
1941	Wet	48.02	44.26	62.04	58.32	60.67	67.18	19.85	20.58	55.83	67.18	67.18	65.01	636.12
1942	Wet	50.55	65.01	61.47	67.18	60.67	67.18	16.80	16.90	54.62	67.18	67.18	65.01	659.75
1943	Wet	54.79	65.01	57.54	67.18	60.67	67.18	17.63	11.86	52.43	67.18	67.18	65.01	653.66
1944	Dry	53.53	63.42	62.35	49.64	50.43	36.02	12.34	11.68	26.40	61.97	41.75	46.11	515.64
1945	Below Normal	51.36	65.01	57.89	49.78	54.20	62.12	12.29	11.68	27.86	67.18	67.18	65.01	591.56
1946	Below Normal	64.86	65.01	67.18	60.39	60.67	49.59	11.31	11.68	27.89	67.18	67.18	65.01	617.95
1947	Dry	66.57	65.01	63.16	59.85	46.61	19.59	14.24	11.68	24.19	67.18	50.34	58.32	546.74
1948	Below Normal	52.95	63.13	51.83	29.52	10.93	36.95	11.31	11.68	37.89	55.55	67.18	65.01	493.93
1949	Dry	67.18	62.49	62.39	46.94	43.84	28.34	11.31	11.68	24.50	67.18	59.19	65.01	550.05
1950	Below Normal	63.00	65.01	67.09	32.60	34.15	50.31	11.31	11.68	45.89	62.21	56.26	65.01	564.52
1951	Above Normal	67.18	65.01	67.18	62.52	15.86	36.88	11.31	11.68	38.09	49.75	67.18	65.01	557.65
1952	Wet	50.41	63.90	57.44	67.15	53.98	67.18	22.27	33.45	65.01	67.18	67.18	65.01	680.16
1953	Wet	48.80	63.25	67.18	46.27	51.23	54.15	11.97	11.68	27.38	67.18	67.18	65.01	581.28
1954	Above Normal	37.67	62.83	59.24	30.05	33.16	50.47	11.31	11.68	37.04	42.07	67.18	65.01	507.71
1955	Dry	48.65	63.99	67.18	52.07	47.85	36.61	12.03	11.68	8.24	67.18	59.09	65.01	539.58
1956	Wet	49.18	57.88	67.18	67.18	62.84	26.87	12.05	13.58	59.98	67.18	67.18	65.01	616.11
1957	Above Normal	53.24	65.01	61.42	48.12	25.16	19.13	11.92	11.68	24.50	59.74	67.18	60.58	507.68
1958	Wet	67.18	65.01	54.13	36.96	54.04	58.37	33.85	29.05	65.01	67.18	67.18	65.01	662.97
1959	Below Normal	55.03	65.01	65.07	31.67	40.49	48.00	15.23	12.52	23.52	66.94	67.18	50.06	540.72
1960	Dry	53.87	49.57	53.30	46.51	30.61	35.52	11.31	17.85	21.51	59.42	42.04	62.30	483.81
1961	Dry	52.83	58.84	67.18	48.07	27.03	48.22	11.31	11.70	4.97	67.18	50.15	65.01	512.49
1962	Below Normal	50.39	56.49	42.75	55.81	41.34	55.98	13.25	11.68	24.19	67.18	67.18	59.67	545.91
1963	Wet	67.18	65.01	51.65	35.11	38.29	52.02	11.31	11.68	45.26	67.18	67.18	40.80	552.67
1964	Dry	48.74	65.01	67.18	49.65	38.83	38.87	11.31	11.68	10.10	67.18	67.18	65.01	540.74
1965	Wet	49.05	42.55	57.03	67.18	57.59	61.64	15.04	11.68	40.02	67.18	67.18	65.01	601.15
1966	Below Normal	47.74	65.01	67.18	56.99	52.64	43.98	11.31	11.68	23.65	67.18	67.18	62.69	577.23
1967	Wet	56.79	53.48	55.58	54.39	47.77	65.46	28.26	28.19	65.01	67.18	67.18	64.53	653.82
1968	Below Normal	59.73	32.48	67.18	49.41	31.17	51.52	13.68	12.68	23.47	67.18	67.18	50.89	526.57
1969	Wet	59.44	56.75	67.18	64.77	59.39	29.09	38.32	58.49	65.01	67.18	67.18	58.55	691.35
1970	Wet	58.72	11.31	60.05	67.18	44.25	36.66	11.31	11.68	26.07	59.98	67.18	58.16	512.55
1971	Wet	51.95	36.68	57.66	48.27	44.20	59.02	12.41	11.68	37.41	67.18	67.18	61.50	555.14
1972	Below Normal	51.72	38.09	67.18	46.97	24.73	34.08	11.31	11.68	23.23	66.93	67.18	57.29	500.39
1973	Above Normal	57.03	65.01	53.75	42.25	57.70	60.04	11.76	11.68	40.20	67.18	67.18	37.55	571.33
1974	Wet	67.18	65.01	64.45	64.63	51.83	53.22	13.59	11.68	48.50	67.18	67.18	65.01	639.46
1975	Wet	63.87	65.01	67.18	49.47	42.59	67.18	12.52	11.68	53.07	67.18	67.18	65.01	631.94
1976	Critical	67.18	56.29	67.18	54.39	62.84	43.04	18.28	11.68	6.20	37.83	14.31	24.30	463.52
1977	Critical	39.48	52.23	44.77	43.21	46.41	11.68	11.31	11.68	2.62	8.76	59.37	22.24	353.76
1978	Above Normal	35.17	22.50	42.66	42.06	60.67	67.18	23.86	21.26	65.01	67.18	67.18	65.01	579.74
1979	Below Normal	56.73	55.87	64.18	57.27	60.67	67.18	12.21	16.30	27.63	67.18	67.18	65.01	617.41
1980	Above Normal	67.18	42.55	67.18	67.18	57.46	26.89	12.42	13.22	62.88	67.18	67.18	34.91	586.23
1981	Dry	61.04	65.01	67.18	49.52	44.77	42.69	16.02	13.12	23.29	67.18	57.14	65.01	571.97
1982	Wet	66.62	65.01	53.48	56.19	60.67	54.81	38.66	35.35	65.01	67.18	67.18	65.01	695.17
1983	Wet	67.18	65.01	67.18	28.89	30.48	29.11	38.60	57.89	65.01	67.18	67.18	65.01	648.72
1984	Wet	30.73	21.54	21.71	28.90	37.84	36.73	11.83	11.68	28.69	67.18	67.18	65.01	429.02
1985	Dry	48.53	65.01	67.18	49.43	46.65	42.74	15.61	13.08	23.65	67.18	64.00	64.17	567.23
1986	Wet	66.44	65.01	62.41	31.15	60.67	46.37	21.57	20.95	55.19	67.18	67.18	11.31	575.43
1987	Dry	43.52	22.86	63.15	48.14	44.32	34.34	11.31	11.68	23.05	65.51	41.11	46.11	455.10
1988	Critical	66.29	55.14	48.46	34.10	10.93	11.68	14.38	11.68	4.96	45.37	64.72	26.75	394.46
1989	Dry	40.12	41.56	44.93	46.32	14.83	17.62	15.97	11.91	33.28	67.18	35.69	61.87	431.28
1990	Critical	47.05	47.35	57.13	44.99	28.75	14.93	11.31	13.36	3.40	44.06	57.19	22.93	392.45
1991	Critical	47.63	41.54	42.66	11.68	25.47	18.64	14.44	12.50	15.10	32.14	53.81	30.06	345.67
1992	Critical	28.83	46.44	27.98	26.77	23.17	34.94	11.31	11.68	20.42	67.18	66.90	19.22	384.84
1993	Above Normal	28.10	37.89	50.02	45.82	54.55	57.48	11.31	11.68	56.01	67.18	67.18	65.01	552.23
1994	Critical	57.50	63.13	67.18	46.73	43.65	33.86	13.06	14.98	3.45	67.18	64.29	52.09	527.10
1995	Wet	37.18	58.52	50.39	43.69	47.88	67.18	23.10	63.33	65.01	67.18	67.18	65.01	655.65
1996	Wet	41.33	30.60	55.11	41.10	62.84	67.18	14.21	13.64	47.38	67.18	67.18	65.01	572.76
1997	Wet	44.60	65.01	67.18	67.18	60.67	52.03	11.31	11.68	44.75	63.29	67.18	65.01	619.89
1998	Wet	46.65	37.14	67.18	43.90	60.67	67.18	25.82	30.41	65.01	67.18	67.18	65.01	643.33
1999	Wet	67.18	65.01	59.02	59.71	60.67	67.18	12.01	11.68	40.49	67.18	67.18	55.28	632.59
2000	Above Normal	37.08	65.01	56.40	32.41	62.84	67.18	11.68	11.68	46.45	45.17	67.18	65.01	568.09
2001	Dry	40.86	65.01	57.92	50.58	40.23	43.42	14.16	11.68	22.85	67.18	46.15	48.88	508.92
2002	Dry	59.95	45.53	57.16	38.68	34.10	38.02	11.31	11.68	23.63	67.18	67.18	56.06	510.48
2003	Above Normal	61.29	62.03	54.92	33.30	43.85	48.97	11.31	11.68	35.54	66.89	67.18	52.02	548.98
	Average	52.91	53.07	58.24	46.65	42.91	42.95	15.29	16.21	34.15	58.67	59.19	55.87	536.11
	Wet	54.41	54.73	58.36	50.32	51.42	54.02	19.97	24.04	51.64	66.75	67.03	60.39	613.10
	Above Normal	50.42	55.34	56.82	45.31	44.08	52.49	13.30	12.78	45.47	59.53	66.80	57.07	559.42
	Below Normal	55.52	56.41	61.60	45.66	38.91	44.87	12.86	12.58	31.09	63.12	59.35	61.71	543.67
	Dry	51.96	49.42	60.61	47.96	39.51	32.77	13.44	12.66	21.42	61.25	50.55	57.86	499.42
	Critical	50.57	48.76	51.95	39.25	33.04	22.41	12.75	12.23	7.61	31.21	47.39	35.04	392.21

Energy Use (GWh) At Pumping Plant at Tracy: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	67.18	65.01	67.18	51.97	42.46	65.97	14.41	13.79	65.01	67.18	67.18	65.01	652.35
1923	Below Normal	60.83	65.01	62.36	51.43	56.03	44.46	14.36	11.68	43.15	67.18	58.20	65.01	599.70
1924	Critical	67.18	57.65	48.48	55.53	29.71	11.68	13.65	12.48	5.44	11.68	22.77	39.22	375.47
1925	Dry	45.21	17.17	58.37	46.68	31.41	38.35	15.27	14.00	38.13	63.69	57.11	47.43	472.82
1926	Dry	53.43	60.33	49.63	46.93	23.41	11.68	16.03	12.16	33.78	56.82	27.65	56.38	448.23
1927	Wet	52.51	65.01	54.29	34.23	52.25	54.13	11.41	11.68	40.56	67.18	64.44	51.18	558.87
1928	Above Normal	43.11	57.64	67.18	50.24	29.81	62.62	12.20	11.68	36.15	56.84	67.18	60.30	554.95
1929	Critical	45.62	38.64	67.18	48.16	43.75	35.40	11.31	11.68	9.65	31.02	67.18	44.54	454.13
1930	Dry	49.25	38.69	48.47	34.75	32.95	36.90	19.70	17.76	22.80	49.47	35.16	41.95	427.85
1931	Critical	46.92	46.65	46.41	46.50	47.78	17.91	11.31	11.68	5.51	8.76	18.10	40.57	348.10
1932	Dry	44.98	30.96	67.18	49.98	56.53	15.14	11.31	11.68	10.07	11.68	45.78	65.01	420.30
1933	Critical	61.54	51.74	59.51	39.07	14.96	20.40	11.31	11.68	8.18	11.68	64.84	57.38	412.29
1934	Critical	48.28	29.39	41.96	8.35	10.90	14.98	11.31	11.68	6.37	8.76	18.10	38.17	248.25
1935	Below Normal	32.03	45.70	61.37	51.27	38.55	36.51	12.01	11.68	42.63	50.38	27.32	63.26	472.71
1936	Below Normal	61.74	53.39	62.07	32.36	29.44	32.69	14.50	11.68	39.02	63.32	46.12	65.01	511.34
1937	Below Normal	61.92	59.35	59.10	50.41	15.19	24.55	13.98	12.90	13.65	47.89	36.67	65.01	460.62
1938	Wet	51.00	65.01	67.18	24.47	12.30	38.41	29.90	36.56	65.01	67.18	67.18	63.46	587.66
1939	Dry	57.31	17.34	67.18	49.62	56.99	25.90	11.31	12.57	6.32	67.18	47.44	60.06	479.22
1940	Above Normal	56.42	53.56	34.66	37.82	45.45	67.18	16.16	11.68	38.77	57.84	67.18	55.84	542.56
1941	Wet	48.10	41.78	62.04	58.32	60.67	67.18	19.85	19.17	55.34	67.18	67.18	65.01	631.82
1942	Wet	50.76	65.01	61.47	67.18	60.67	67.18	16.80	16.90	54.62	67.18	67.18	65.01	659.96
1943	Wet	54.77	65.01	57.54	67.18	60.67	67.18	17.30	11.68	57.34	67.18	67.18	65.01	658.04
1944	Dry	54.03	65.01	62.22	49.64	50.43	36.02	12.34	11.68	26.40	60.62	40.59	45.95	514.93
1945	Below Normal	51.35	65.01	57.89	49.78	48.92	67.18	12.29	11.68	27.86	67.18	67.18	65.01	591.33
1946	Below Normal	59.98	65.01	67.18	60.39	60.67	49.59	11.31	11.68	27.89	67.18	67.18	65.01	613.07
1947	Dry	66.55	65.01	63.12	59.85	46.61	19.59	14.24	11.68	24.19	67.18	49.80	58.02	545.84
1948	Below Normal	53.05	63.13	51.80	29.52	10.93	36.95	11.31	11.68	37.89	55.66	67.18	65.01	494.11
1949	Dry	67.18	62.48	62.38	46.94	43.84	28.34	11.31	11.68	24.50	67.18	59.20	65.01	550.04
1950	Below Normal	63.00	65.01	67.09	32.60	34.15	50.31	11.31	11.68	45.91	62.15	56.27	65.01	564.49
1951	Above Normal	67.18	65.01	67.18	62.42	20.31	36.88	11.31	11.68	38.09	49.76	67.18	65.01	562.01
1952	Wet	50.41	63.89	57.44	66.64	54.12	67.18	20.15	28.19	65.01	67.18	67.18	65.01	672.40
1953	Wet	48.19	65.01	67.18	39.68	51.23	54.15	11.97	11.68	27.38	67.18	67.18	65.01	575.84
1954	Above Normal	37.69	61.46	59.25	30.05	33.16	50.47	11.31	11.68	37.04	42.07	67.18	65.01	506.37
1955	Dry	48.79	64.08	67.18	52.07	47.86	36.61	12.03	11.68	8.24	67.18	58.97	65.01	539.70
1956	Wet	49.18	57.95	67.18	67.18	62.84	32.97	12.05	13.58	59.98	67.18	67.18	65.01	622.28
1957	Above Normal	53.24	65.01	61.43	48.12	25.16	19.13	11.92	11.68	24.50	59.74	67.18	60.58	507.69
1958	Wet	67.18	65.01	54.13	36.96	54.04	66.48	31.32	24.93	65.01	67.18	67.18	65.01	664.43
1959	Below Normal	55.02	65.01	65.06	31.66	40.49	49.98	15.24	12.52	23.52	66.94	67.18	49.80	542.42
1960	Dry	53.89	49.59	53.27	46.51	30.61	35.52	11.31	17.85	21.51	59.42	41.89	62.33	483.70
1961	Dry	52.81	58.79	67.18	48.07	27.03	48.22	11.31	11.70	4.97	67.18	50.16	65.01	512.43
1962	Below Normal	50.38	56.51	42.75	55.80	41.34	55.98	13.25	11.68	24.19	67.18	67.18	59.67	545.91
1963	Wet	67.18	65.01	51.65	35.11	38.29	52.02	11.31	11.68	45.26	67.18	67.18	40.32	552.19
1964	Dry	48.93	65.01	67.18	49.65	38.83	38.87	11.31	11.68	10.10	67.18	67.18	65.01	540.93
1965	Wet	49.05	42.55	57.03	67.18	57.59	61.64	15.03	11.68	40.02	67.18	67.18	65.01	601.14
1966	Below Normal	47.74	65.01	67.18	56.99	52.64	43.98	11.31	11.68	23.65	67.18	67.18	61.87	576.41
1967	Wet	56.78	53.48	55.58	54.39	47.77	65.46	26.02	23.96	65.01	67.18	67.18	65.01	647.82
1968	Below Normal	58.85	51.33	67.18	49.41	31.17	51.52	13.68	12.68	23.47	67.18	67.18	50.89	544.54
1969	Wet	59.44	57.18	67.18	57.24	60.67	29.09	33.89	62.91	65.01	67.18	67.18	61.26	688.23
1970	Wet	58.63	11.31	60.05	67.18	40.83	36.90	11.31	11.68	26.07	60.06	67.18	58.00	509.20
1971	Wet	51.99	36.65	57.66	48.27	44.20	59.02	12.41	11.68	37.41	67.18	67.18	61.50	555.15
1972	Below Normal	51.72	38.08	67.18	46.97	24.73	34.08	11.31	11.68	23.23	66.93	67.18	57.29	500.38
1973	Above Normal	56.99	65.01	53.75	42.25	57.70	60.04	11.76	11.68	40.20	67.18	67.18	53.34	587.08
1974	Wet	57.40	65.01	64.45	61.80	51.83	67.18	13.56	11.68	48.48	67.18	67.18	65.01	640.76
1975	Wet	63.83	65.01	67.18	49.47	42.59	67.18	12.52	11.68	53.07	67.18	67.18	65.01	631.90
1976	Critical	67.18	56.57	67.18	54.39	62.84	43.04	18.28	11.68	6.20	38.30	14.40	24.33	464.39
1977	Critical	38.97	52.17	44.70	43.13	46.33	11.68	11.31	11.68	2.61	8.76	59.20	22.24	352.78
1978	Above Normal	35.23	22.33	42.73	42.06	57.15	64.84	19.21	16.37	63.55	67.18	67.18	65.01	562.84
1979	Below Normal	56.65	65.01	64.30	57.27	60.67	67.18	12.21	16.30	27.63	67.18	67.18	65.01	626.59
1980	Above Normal	64.42	42.55	67.18	62.02	62.84	26.69	12.43	13.22	62.09	67.18	67.18	52.16	599.96
1981	Dry	54.72	54.62	67.18	49.52	44.77	36.10	16.02	13.12	23.29	67.18	57.07	63.63	547.22
1982	Wet	66.61	65.01	53.48	56.19	60.67	62.90	38.66	30.00	65.01	67.18	67.18	65.01	697.90
1983	Wet	67.18	65.01	67.18	46.29	30.48	29.11	38.60	57.89	65.01	67.18	67.18	65.01	666.12
1984	Wet	30.73	21.54	21.71	28.90	38.14	36.73	11.83	11.68	28.69	67.18	67.18	65.01	429.32
1985	Dry	48.53	65.01	67.18	49.43	46.65	42.74	15.61	13.08	23.65	67.18	64.00	64.17	567.23
1986	Wet	66.44	65.01	62.41	31.15	60.67	50.84	21.23	18.20	53.97	67.18	67.18	11.31	575.59
1987	Dry	43.55	27.36	63.06	48.14	44.32	34.34	11.31	11.68	23.05	64.92	40.40	46.04	458.17
1988	Critical	66.31	55.16	48.46	34.10	10.93	11.68	14.38	11.68	4.96	44.78	64.63	26.89	393.96
1989	Dry	40.14	41.56	44.86	46.32	14.83	17.62	15.97	11.91	33.28	67.18	35.95	61.83	431.45
1990	Critical	47.04	47.33	57.11	44.99	28.74	14.93	11.31	13.36	3.40	44.07	57.23	22.94	392.45
1991	Critical	47.63	41.56	42.63	11.68	25.48	18.64	14.43	12.50	15.10	31.67	54.06	30.04	345.42
1992	Critical	28.80	46.47	27.99	26.58	23.17	34.94	11.31	11.68	20.42	67.18	66.88	19.16	384.58
1993	Above Normal	28.11	37.86	50.02	45.82	54.54	57.48	11.31	11.68	56.01	67.18	67.18	65.01	552.20
1994	Critical	57.49	62.94	67.18	46.73	43.65	33.86	13.06	14.98	3.45	67.18	64.28	52.13	526.93
1995	Wet	37.21	58.53	50.38	43.67	47.88	67.18	19.99	38.44	65.01	67.18	67.18	65.01	627.66
1996	Wet	41.29	51.80	55.11	41.10	62.84	67.18	14.21	13.59	47.38	67.18	67.18	65.01	593.87
1997	Wet	43.42	65.01	67.18	67.18	60.67	52.59	11.31	11.68	45.35	52.57	67.18	65.01	609.15
1998	Wet	47.96	35.07	67.18	43.86	60.67	67.18	23.78	26.38	65.01	67.18	67.18	65.01	636.46
1999	Wet	67.18	65.01	59.02	59.71	60.67	67.18	12.01	11.68	40.49	67.18	67.18	54.26	631.57
2000	Above Normal	37.74	65.01	56.51	32.41	62.84	67.18	11.68	11.68	46.45	45.21	67.18	65.01	568.90
2001	Dry	40.79	65.01	59.32	50.58	40.23	43.42	14.16	11.68	22.85	67.18	45.31	48.90	509.43
2002	Dry	59.95	45.53	57.16	38.68	34.09	38.02	11.31	11.68	23.63	67.18	67.18	55.68	510.09
2003	Above Normal	61.29	62.08	54.92	33.30	43.85	48.97	11.31	11.68	35.54	66.89	67.18	52.07	549.08
	Average	52.81	53.74	58.39	46.80	42.87	43.65	14.96	15.20	33.97	58.56	59.05	56.26	536.26
	Wet	54.02	55.46	58.96	50.79	51.36	55.93	19.17	21.19	51.79	66.34	67.07	60.44	612.51
	Above Normal	50.72	55.21	56.83	44.87	44.61	52.29	12.92	12.38	45.28	59.52	67.18	60.36	562.17
	Below Normal	54.59	58.75	61.61	46.85	38.92	46.07	12.72	12.23	30.26	63.11	59.23	61.63	545.97
	Dry	51.67	49.64	60.67	47.96	39.52	32.41	13.44	12.74	21.15	61.42	49.49	57.63	497.75
	Critical	51.91	48.86	51.57	38.27	32.35	22.43	12.75	12.23	7.61	31.15	47.64	34.80	391.56

Difference in Energy Use (GWh) At Pumping Plant at Tracy: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.05	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1923	Below Normal	1.61	4.76	0.00	(0.73)	(2.41)	0.06	0.00	0.00	(4.72)	0.00	(1.67)	0.00	(0.26)
1924	Critical	0.00	(7.24)	(7.34)	6.47	0.00	0.00	0.00	0.01	0.01	0.00	4.19	0.03	(0.32)
1925	Dry	(0.03)	0.01	0.02	0.00	0.00	0.03	0.00	(0.01)	(4.77)	(0.68)	2.14	(1.06)	(0.36)
1926	Dry	0.10	3.64	0.03	0.00	0.00	0.00	0.00	0.48	0.00	5.57	(15.21)	0.90	(0.37)
1927	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	(0.30)	0.07
1928	Above Normal	0.38	(0.19)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.12)	0.00	0.21	0.02
1929	Critical	0.00	0.33	0.00	0.00	0.00	0.16	0.00	0.00	0.00	(0.09)	0.00	0.14	0.04
1930	Dry	(0.07)	(0.68)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.01	(0.04)	(0.05)
1931	Critical	0.02	0.02	0.02	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.01	0.01
1932	Dry	(0.02)	(0.75)	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.01	0.00	(0.04)
1933	Critical	15.44	10.66	0.05	(17.80)	(7.97)	0.00	0.00	0.00	(0.01)	0.00	(1.24)	(3.21)	(0.34)
1934	Critical	1.23	(2.72)	2.80	(0.23)	(0.24)	0.04	0.00	0.00	0.00	0.00	0.00	(0.03)	0.07
1935	Below Normal	(8.77)	0.13	(0.02)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.08)	(0.06)	(0.02)	(0.74)
1936	Below Normal	(0.02)	(0.03)	0.01	0.00	7.93	1.51	0.00	0.00	0.00	0.18	0.01	0.00	0.80
1937	Below Normal	(0.01)	(0.01)	0.04	17.35	0.01	8.11	(1.97)	(4.88)	(6.86)	(0.24)	(0.01)	0.00	0.96
1938	Wet	0.00	0.00	15.52	12.36	(0.04)	8.10	(3.74)	(26.42)	0.00	0.00	0.00	0.00	0.48
1939	Dry	0.29	6.03	0.00	0.00	(0.01)	0.00	0.00	0.89	(0.02)	0.00	(2.73)	(1.55)	0.24
1940	Above Normal	5.21	0.12	(0.09)	0.00	0.00	0.00	0.00	0.00	0.01	(0.04)	4.62	6.23	1.34
1941	Wet	0.08	(2.48)	0.00	0.00	0.00	0.00	0.00	(1.41)	(0.49)	0.00	0.00	0.00	(0.36)
1942	Wet	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1943	Wet	(0.02)	0.00	0.00	0.00	0.00	0.00	(0.33)	(0.18)	4.91	0.00	0.00	0.00	0.37
1944	Dry	0.50	1.59	(0.13)	0.00	0.00	0.00	0.00	0.00	0.00	(1.35)	(1.16)	(0.16)	(0.06)
1945	Below Normal	(0.01)	0.00	0.00	0.00	(5.28)	5.06	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1946	Below Normal	(4.88)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.41)
1947	Dry	(0.02)	0.00	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.54)	(0.30)	(0.07)
1948	Below Normal	0.10	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.01
1949	Dry	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	(0.06)	0.01	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	(0.10)	4.45	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.36
1952	Wet	0.00	(0.01)	0.00	(0.51)	0.14	0.00	(2.12)	(5.26)	0.00	0.00	0.00	0.00	(0.65)
1953	Wet	(0.61)	1.76	0.00	(6.59)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.45)
1954	Above Normal	0.02	(1.37)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.11)
1955	Dry	0.14	0.09	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.12)	0.00	0.01
1956	Wet	0.00	0.07	0.00	0.00	0.00	6.10	0.00	0.00	0.00	0.00	0.00	0.00	0.51
1957	Above Normal	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	8.11	(2.53)	(4.12)	0.00	0.00	0.00	0.00	0.12
1959	Below Normal	(0.01)	0.00	(0.01)	(0.01)	0.00	1.98	0.01	0.00	0.00	0.00	0.00	(0.26)	0.14
1960	Dry	0.02	0.02	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.15)	0.03	(0.01)
1961	Dry	(0.02)	(0.05)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	(0.01)
1962	Below Normal	(0.01)	0.02	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.48)	(0.04)
1964	Dry	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.82)	(0.07)
1967	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	(2.24)	(4.23)	0.00	0.00	0.00	0.48	(0.50)
1968	Below Normal	(0.88)	18.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50
1969	Wet	0.00	0.43	0.00	(7.53)	1.28	0.00	(4.43)	4.42	0.00	0.00	0.00	2.71	(0.26)
1970	Wet	(0.09)	0.00	0.00	0.00	(3.42)	0.24	0.00	0.00	0.00	0.08	0.00	(0.16)	(0.28)
1971	Wet	0.04	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.79	1.31
1974	Wet	(9.78)	0.00	0.00	(2.83)	0.00	13.96	(0.03)	0.00	(0.02)	0.00	0.00	0.00	0.11
1975	Wet	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.09	0.03	0.07
1977	Critical	(0.51)	(0.06)	(0.07)	(0.08)	(0.08)	0.00	0.00	0.00	(0.01)	0.00	(0.17)	0.00	(0.08)
1978	Above Normal	0.06	(0.17)	0.07	0.00	(3.52)	(2.34)	(4.65)	(4.89)	(1.46)	0.00	0.00	0.00	(1.41)
1979	Below Normal	(0.08)	9.14	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.77
1980	Above Normal	(2.76)	0.00	0.00	(5.16)	5.38	(0.20)	0.01	0.00	(0.79)	0.00	0.00	17.25	1.14
1981	Dry	(6.32)	(10.39)	0.00	0.00	0.00	(6.59)	0.00	0.00	0.00	0.00	(0.07)	(1.38)	(2.06)
1982	Wet	(0.01)	0.00	0.00	0.00	0.00	8.09	0.00	(5.35)	0.00	0.00	0.00	0.00	0.23
1983	Wet	0.00	0.00	0.00	17.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.45
1984	Wet	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	4.47	(0.34)	(2.75)	(1.22)	0.00	0.00	0.00	0.01
1987	Dry	0.03	4.50	(0.09)	0.00	0.00	0.00	0.00	0.00	0.00	(0.59)	(0.71)	(0.07)	0.26
1988	Critical	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.59)	(0.09)	0.14	(0.04)
1989	Dry	0.02	0.00	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	(0.04)	0.01
1990	Critical	(0.01)	(0.02)	(0.02)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01	0.04	0.01	0.00
1991	Critical	0.00	0.02	(0.03)	0.00	0.01	0.00	(0.01)	0.00	0.00	(0.47)	0.25	(0.02)	(0.02)
1992	Critical	(0.03)	0.03	0.01	(0.19)	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.06)	(0.02)
1993	Above Normal	0.01	(0.03)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	(0.01)	(0.19)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.04	(0.01)
1995	Wet	0.03	0.01	(0.01)	(0.02)	0.00	0.00	(3.11)	(24.89)	0.00	0.00	0.00	0.00	(2.33)
1996	Wet	(0.04)	21.20	0.00	0.00	0.00	0.00	0.00	(0.05)	0.00	0.00	0.00	0.00	1.76
1997	Wet	(1.18)	0.00	0.00	0.00	0.00	0.56	0.00	0.00	0.60	(10.72)	0.00	0.00	(0.90)
1998	Wet	1.31	(2.07)	0.00	(0.04)	0.00	0.00	(2.04)	(4.03)	0.00	0.00	0.00	0.00	(0.57)
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.02)	(0.09)
2000	Above Normal	0.66	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.07
2001	Dry	(0.07)	0.00	1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.84)	0.02	0.04
2002	Dry	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.38)	(0.03)
2003	Above Normal	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.01
	Average	(0.11)	0.67	0.15	0.14	(0.04)	0.70	(0.34)	(1.01)	(0.18)	(0.10)	(0.15)	0.40	0.01
	Wet	(0.39)	0.73	0.60	0.47	(0.07)	1.91	(0.80)	(2.86)	0.15	(0.41)	0.05	0.05	(0.05)
	Above Normal	0.29	(0.13)	0.01	(0.44)	0.53	(0.20)	(0.39)	(0.41)	(0.19)	(0.01)	0.39	3.29	0.23
	Below Normal	(0.93)	2.35	0.01	1.19	0.02	1.19	(0.14)	(0.35)	(0.83)	(0.01)	(0.12)	(0.08)	0.19
	Dry	(0.29)	0.22	0.06	0.00	0.01	(0.36)	0.00	0.08	(0.27)	0.17	(1.06)	(0.22)	(0.14)
	Critical	1.35	0.09	(0.38)	(0.99)	(0.69)	0.02	(0.00)	0.00	(0.00)	(0.06)	0.25	(0.24)	(0.05)

Percent Difference in Energy Use (GWh) At Pumping Plant at Tracy: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	3%	8%	0%	-1%	-4%	0%	0%	0%	-10%	0%	-3%	0%
1924	Critical	0%	-11%	-13%	13%	0%	0%	0%	0%	0%	0%	23%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-11%	-1%	4%	-2%
1926	Dry	0%	6%	0%	0%	0%	0%	0%	4%	0%	11%	-35%	2%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	-1%
1928	Above Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	33%	26%	0%	-31%	-35%	0%	0%	0%	0%	0%	-2%	-5%
1934	Critical	3%	-8%	7%	-3%	-2%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	-21%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	37%	5%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	52%	0%	49%	-12%	-27%	-33%	0%	0%	0%
1938	Wet	0%	0%	30%	102%	0%	27%	-11%	-42%	0%	0%	0%	0%
1939	Dry	1%	53%	0%	0%	0%	0%	0%	8%	0%	0%	-5%	-3%
1940	Above Normal	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	13%
1941	Wet	0%	-6%	0%	0%	0%	0%	0%	-7%	-1%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	-2%	-2%	9%	0%	0%	0%
1944	Dry	1%	3%	0%	0%	0%	0%	0%	0%	0%	-2%	-3%	0%
1945	Below Normal	0%	0%	0%	0%	-10%	8%	0%	0%	0%	0%	0%	0%
1946	Below Normal	-8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	28%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-1%	0%	0%	-10%	-16%	0%	0%	0%	0%
1953	Wet	-1%	3%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	23%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	14%	-7%	-14%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	-1%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1967	Wet	0%	0%	0%	0%	0%	0%	-8%	-15%	0%	0%	0%	1%
1968	Below Normal	-1%	58%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	1%	0%	-12%	2%	0%	-12%	8%	0%	0%	0%	5%
1970	Wet	0%	0%	0%	0%	-8%	1%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	42%
1974	Wet	-15%	0%	0%	-4%	0%	26%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%
1977	Critical	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	-1%	0%	0%	-6%	-3%	-19%	-23%	-2%	0%	0%	0%
1979	Below Normal	0%	16%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-4%	0%	0%	-8%	9%	-1%	0%	0%	-1%	0%	0%	49%
1981	Dry	-10%	-16%	0%	0%	0%	-15%	0%	0%	0%	0%	0%	-2%
1982	Wet	0%	0%	0%	0%	0%	15%	0%	-15%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	60%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	10%	-2%	-13%	-2%	0%	0%	0%
1987	Dry	0%	20%	0%	0%	0%	0%	0%	0%	0%	-1%	-2%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	1%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1992	Critical	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	-13%	-39%	0%	0%	0%	0%
1996	Wet	0%	69%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-3%	0%	0%	0%	0%	1%	0%	0%	1%	-17%	0%	0%
1998	Wet	3%	-6%	0%	0%	0%	0%	-8%	-13%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
2000	Above Normal	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	3%	0%	2%	0%	2%	-1%	-3%	-1%	0%	0%	1%
	Wet	-1%	2%	1%	5%	0%	4%	-3%	-6%	0%	-1%	0%	0%
	Above Normal	1%	0%	0%	-1%	3%	0%	-2%	-2%	0%	0%	1%	9%
	Below Normal	-2%	6%	0%	4%	2%	5%	-1%	-2%	-3%	0%	0%	0%
	Dry	0%	3%	0%	0%	0%	-1%	0%	1%	-1%	0%	-2%	0%
	Critical	3%	1%	-1%	-2%	-3%	0%	0%	0%	0%	0%	2%	0%

Hydropower Modeling Attachment: Alternative Plan 4, SWP, Existing Conditions

Upper San Joaquin River Basin Storage Investigation, California

Prepared by:

United States Department of the Interior
Bureau of Reclamation
Mid-Pacific Region

U.S. Department of the Interior
Bureau of Reclamation

August 2014

Mission Statements

The mission of the Department of the Interior is to protect and provide access to our Nation's natural and cultural heritage and honor our trust responsibilities to Indian Tribes and our commitments to island communities.

The mission of the Bureau of Reclamation is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

Energy generated (GWh) at Alamo Dam: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	11.23	10.87	11.13	2.47	4.01	6.06	8.43	8.66	9.09	8.75	9.54	8.41	98.65
1923	Below Normal	8.07	7.23	6.51	11.23	10.15	11.23	7.76	9.52	9.71	9.60	10.71	9.83	111.55
1924	Critical	8.14	7.23	6.30	5.15	5.26	3.73	4.92	6.60	6.85	6.15	6.02	5.70	72.05
1925	Dry	3.70	2.83	2.45	1.54	2.08	3.96	7.92	10.38	10.61	10.47	11.23	10.69	77.86
1926	Dry	8.43	7.52	6.50	2.95	3.61	4.01	6.38	8.96	9.18	9.05	9.96	9.24	85.79
1927	Wet	7.28	6.47	5.60	3.08	4.82	7.37	8.98	9.36	9.83	9.42	10.17	9.00	91.38
1928	Above Normal	8.68	7.79	7.07	11.23	10.51	7.28	8.96	9.25	9.68	9.28	9.96	8.85	108.54
1929	Critical	8.45	7.60	6.92	11.23	10.15	5.78	4.06	6.00	6.21	5.60	5.49	4.99	82.48
1930	Dry	3.43	2.60	2.25	1.44	2.34	2.68	6.51	8.52	8.81	8.34	8.77	8.22	63.91
1931	Critical	5.97	5.06	4.40	2.14	2.74	2.58	5.68	7.65	7.89	7.09	6.96	6.50	64.66
1932	Dry	4.12	3.42	2.93	1.74	2.97	3.37	6.29	8.08	8.30	8.11	8.78	8.18	66.29
1933	Critical	6.26	5.50	4.77	2.37	3.00	3.33	6.41	8.71	9.02	8.25	8.33	7.87	73.82
1934	Critical	5.37	4.27	3.70	1.90	2.34	2.67	6.09	8.19	8.46	7.59	1.08	0.29	51.95
1935	Below Normal	4.06	10.03	7.92	1.71	2.74	3.27	8.10	10.43	3.50	11.23	11.23	10.87	85.09
1936	Below Normal	9.02	8.09	6.97	3.03	4.35	8.86	8.98	9.77	10.25	9.82	10.62	9.40	99.16
1937	Below Normal	9.06	8.14	7.38	11.23	10.15	10.76	9.00	9.49	9.96	9.62	10.44	9.13	114.36
1938	Wet	8.74	7.84	7.06	11.23	10.15	11.23	8.56	9.93	10.41	9.51	11.15	8.94	114.75
1939	Dry	8.53	7.60	6.72	11.23	10.15	11.23	9.16	9.97	1.81	11.15	6.41	10.87	104.83
1940	Above Normal	10.05	4.24	10.20	1.43	2.08	4.38	8.05	10.53	7.75	10.91	11.23	10.87	91.72
1941	Wet	8.76	7.82	6.74	4.70	5.53	11.23	7.68	8.33	8.74	8.54	9.43	8.17	95.67
1942	Wet	7.78	6.93	6.14	11.23	10.15	11.23	9.92	8.69	9.14	8.82	9.67	8.49	108.19
1943	Wet	8.16	7.29	6.53	11.23	10.15	10.40	9.63	9.84	10.29	9.96	10.88	9.56	113.92
1944	Dry	9.18	8.22	7.37	11.01	10.42	5.86	6.49	8.42	8.61	8.36	8.98	8.40	101.32
1945	Below Normal	6.34	5.50	4.78	2.68	3.38	11.23	8.96	9.37	9.84	9.44	10.18	9.01	90.71
1946	Below Normal	8.68	7.79	7.57	11.23	8.45	7.98	8.46	8.87	9.30	8.94	9.75	8.62	105.64
1947	Dry	8.30	7.44	6.71	11.23	10.15	7.34	8.74	10.11	10.45	10.15	11.01	10.06	111.69
1948	Below Normal	8.67	7.77	6.86	7.92	7.71	4.28	6.12	5.95	0.31	11.23	11.23	10.87	88.92
1949	Dry	9.04	8.07	6.97	2.97	3.63	3.72	8.75	9.95	10.33	10.01	10.83	9.86	94.13
1950	Below Normal	8.61	7.73	6.85	2.56	2.94	3.12	7.35	9.35	0.31	11.23	11.23	10.87	82.15
1951	Above Normal	8.84	7.88	6.83	11.23	10.15	11.23	8.36	9.17	9.63	9.24	10.07	8.91	111.54
1952	Wet	8.59	7.69	6.94	11.23	10.51	8.91	7.30	8.22	8.59	8.48	9.45	8.11	104.02
1953	Wet	7.69	6.81	9.59	11.23	10.15	11.23	10.38	8.78	9.01	8.79	9.68	8.72	112.06
1954	Above Normal	7.84	6.99	6.20	9.96	10.15	7.88	8.13	10.36	10.01	9.57	11.23	10.86	109.18
1955	Dry	8.56	7.62	6.58	3.46	4.35	4.28	6.77	8.66	8.84	8.75	9.59	8.91	86.37
1956	Wet	6.98	6.20	5.37	11.23	10.51	11.23	9.56	10.07	10.56	10.14	11.08	9.79	112.72
1957	Above Normal	9.44	8.47	7.61	11.23	10.15	8.52	6.72	4.75	0.35	10.71	11.23	10.76	99.94
1958	Wet	8.34	7.44	6.43	3.43	6.06	11.23	9.73	10.27	10.76	10.41	11.23	9.98	105.31
1959	Below Normal	9.60	8.57	7.66	11.23	10.15	11.23	7.75	9.84	1.77	10.95	11.23	10.87	110.85
1960	Dry	8.74	7.80	6.72	2.88	3.15	3.39	8.67	10.90	5.19	11.23	7.20	10.87	86.74
1961	Dry	10.18	9.12	7.86	3.95	4.33	3.43	7.29	9.27	9.52	9.38	7.50	3.65	85.48
1962	Below Normal	0.82	6.84	11.23	1.13	1.72	4.00	7.40	9.49	0.32	11.23	11.23	10.87	76.28
1963	Wet	9.00	8.03	6.95	5.68	6.24	6.96	8.33	8.80	9.22	8.87	9.67	8.56	96.31
1964	Dry	8.25	7.38	8.36	11.23	6.17	6.33	8.94	9.14	9.60	9.21	9.98	8.82	103.41
1965	Wet	8.53	7.63	6.91	11.02	10.15	8.08	8.18	8.56	8.46	8.67	9.44	8.39	104.02
1966	Below Normal	7.94	7.10	6.38	11.23	10.15	8.76	7.90	9.82	8.94	10.00	11.16	10.28	109.66
1967	Wet	8.34	7.41	6.42	4.42	7.08	7.43	9.04	9.47	9.93	9.59	10.48	9.20	98.81
1968	Below Normal	8.84	7.91	7.10	11.23	10.51	11.23	8.85	9.13	9.44	9.22	10.22	9.30	112.98
1969	Wet	8.01	7.13	6.25	8.96	10.15	11.23	8.65	9.19	9.63	9.38	10.40	9.03	108.01
1970	Wet	8.71	7.56	6.78	11.23	10.15	11.23	8.43	9.15	9.61	9.21	10.04	8.88	110.98
1971	Wet	8.57	7.67	6.92	11.23	10.15	10.39	7.57	9.76	9.80	9.87	11.01	10.18	113.12
1972	Below Normal	8.10	7.19	6.22	3.93	5.69	6.46	8.09	9.92	10.18	10.00	11.04	10.16	96.98
1973	Above Normal	8.33	7.43	6.46	5.45	8.08	8.15	8.78	9.43	9.92	9.47	10.28	9.09	100.87
1974	Wet	8.77	7.86	7.11	11.23	10.15	11.23	9.21	9.38	9.86	9.48	10.40	9.15	113.83
1975	Wet	8.80	7.86	7.04	11.23	10.15	11.23	8.95	9.18	9.66	9.23	9.96	8.83	112.12
1976	Critical	8.49	7.62	6.92	11.23	10.51	7.28	7.62	9.77	1.76	10.95	6.64	10.87	99.66
1977	Critical	9.38	8.40	7.21	2.81	3.11	2.56	1.24	0.25	0.29	0.45	0.38	0.29	36.37
1978	Above Normal	0.11	1.88	10.52	1.22	3.09	5.84	8.19	8.49	8.92	8.56	9.25	8.15	74.22
1979	Below Normal	7.85	7.01	6.35	11.23	10.15	7.89	8.48	9.01	9.48	9.10	9.86	8.69	105.10
1980	Above Normal	8.34	7.46	6.74	11.23	10.51	11.23	8.54	9.05	9.49	9.28	10.25	8.87	110.99
1981	Dry	8.46	7.53	6.67	11.23	10.15	9.08	7.42	9.65	1.75	11.23	10.52	10.87	104.56
1982	Wet	9.12	8.16	7.00	5.37	6.06	11.23	10.22	9.92	10.41	10.08	11.11	9.69	108.37
1983	Wet	9.41	8.41	11.23	11.23	10.15	11.23	7.24	7.78	8.49	9.19	8.72	7.74	110.82
1984	Wet	8.25	7.41	11.23	11.23	10.51	11.23	8.42	9.28	9.71	9.34	10.18	9.02	115.81
1985	Dry	8.68	7.79	7.94	11.23	10.15	10.07	8.33	8.72	9.19	8.79	9.51	8.41	108.81
1986	Wet	8.10	7.27	6.59	11.23	10.15	11.23	9.28	9.80	10.30	9.96	10.91	9.50	114.32
1987	Dry	9.11	8.16	7.30	11.23	10.15	7.86	6.30	8.51	8.80	7.86	7.75	7.35	100.38
1988	Critical	4.85	3.75	3.22	1.73	2.56	2.26	4.21	5.60	5.81	5.26	5.13	4.85	49.23
1989	Dry	3.13	2.37	2.06	1.43	2.12	2.21	8.44	10.92	6.32	11.23	10.86	10.87	71.96
1990	Critical	9.45	8.45	7.27	3.00	3.43	3.07	5.48	7.34	7.62	6.83	6.70	6.35	74.99
1991	Critical	4.15	3.19	2.75	1.61	2.08	2.20	4.29	5.30	2.13	6.15	5.95	5.67	45.47
1992	Critical	3.59	2.59	2.40	1.43	1.93	1.99	4.22	5.62	5.81	0.39	0.36	2.88	33.21
1993	Above Normal	7.24	0.65	9.22	1.40	4.55	5.90	8.21	9.28	4.17	9.95	10.88	9.87	81.32
1994	Critical	8.70	7.80	6.89	9.17	9.15	5.89	6.94	8.82	6.51	9.19	1.82	8.32	89.20
1995	Wet	0.95	2.35	11.23	1.12	4.07	5.45	9.69	9.96	10.45	10.08	10.99	9.65	85.99
1996	Wet	9.28	8.32	7.48	11.23	10.51	9.98	9.12	9.33	9.79	9.40	10.20	9.02	113.66
1997	Wet	8.69	7.80	7.05	11.23	10.15	11.23	8.48	8.96	9.38	9.08	9.98	8.75	110.78
1998	Wet	8.38	7.49	6.69	11.23	10.15	11.23	8.42	9.26	9.72	9.51	10.50	9.08	111.66
1999	Wet	8.64	8.77	8.52	11.23	10.15	11.23	8.48	9.17	9.61	9.27	10.10	8.93	114.10
2000	Above Normal	8.61	7.72	6.97	11.23	10.51	8.93	8.31	10.26	10.51	10.37	11.23	10.47	115.12
2001	Dry	8.53	7.63	6.64	4.97	5.01	3.75	6.38	8.65	8.94	8.04	7.92	7.50	83.96
2002	Dry	4.92	3.82	3.28	2.23	3.57	4.34	9.05	9.23	9.66	9.29	9.97	8.83	78.19
2003	Above Normal	8.50	3.20	9.28	2.26	3.39	4.18	6.91	8.83	0.73	10.56	11.23	10.63	79.70
	Average	7.69	6.85	6.80	7.10	7.08	7.39	7.80	8.86	7.92	9.11	9.33	8.72	94.64
	Wet	8.15	7.37	7.38	9.18	9.01	10.23	8.83	9.25	9.67	9.40	10.26	9.01	107.72
	Above Normal	8.10	6.22	8.19	6.70	7.27	7.47	8.13	9.01	7.52	9.72	10.53	9.65	98.48
	Below Normal	7.55	7.64	7.13	7.26	7.02	7.88	8.09	9.28	6.67	10.12	10.72	9.91	99.25
	Dry	7.41	6.50	5.85	6.00	5.81	5.38	7.66	9.34	8.11	9.48	9.27	8.98	89.76
	Critical	6.90	5.96	5.23	4.48	4.69	3.61	5.10	6.65	5.70	6.16	4.57	5.38	64.42

Energy generated (GWh) at Alamo Dam: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	11.23	10.87	11.13	3.20	4.10	6.16	8.76	9.11	10.01	9.70	10.64	9.36	104.27
1923	Below Normal	8.98	8.06	7.23	11.23	10.15	11.23	10.13	1.56	0.72	11.23	11.23	10.87	102.62
1924	Critical	10.49	9.44	8.34	7.95	7.65	4.71	5.68	7.66	3.92	0.39	0.35	0.29	66.87
1925	Dry	4.49	8.88	11.23	1.96	2.75	3.31	6.90	8.79	9.18	9.06	9.89	9.20	85.64
1926	Dry	7.24	6.47	5.63	3.10	3.59	4.25	6.36	9.71	9.22	9.96	10.93	10.16	86.62
1927	Wet	5.24	7.92	6.82	3.30	4.80	7.47	8.80	9.14	10.03	9.63	10.36	9.21	92.72
1928	Above Normal	8.90	8.03	7.33	11.23	10.51	7.10	8.80	9.98	2.00	11.23	11.23	10.87	107.21
1929	Critical	9.74	8.81	7.85	9.29	8.75	4.82	4.60	6.21	6.44	4.02	0.36	0.68	71.57
1930	Dry	2.97	1.95	10.70	1.58	2.35	2.75	6.53	8.62	7.61	8.52	8.79	8.29	70.66
1931	Critical	5.85	4.84	4.20	2.13	2.74	2.70	5.72	7.70	7.95	7.14	4.39	0.28	55.64
1932	Dry	2.26	5.62	7.78	1.76	3.04	3.54	6.28	8.08	8.72	8.54	9.21	8.61	73.44
1933	Critical	6.70	5.94	5.21	2.84	3.01	3.44	6.45	8.63	9.04	8.43	8.68	8.18	76.55
1934	Critical	4.62	3.33	5.58	2.14	2.45	2.57	5.79	7.78	8.04	7.21	0.36	0.29	50.16
1935	Below Normal	7.55	8.36	6.73	1.66	2.74	3.30	8.30	10.69	6.19	11.23	11.23	10.87	88.85
1936	Below Normal	9.47	8.50	7.38	3.47	4.35	7.84	8.99	9.78	10.69	10.27	11.07	9.84	101.65
1937	Below Normal	9.51	8.59	7.82	11.23	10.15	11.23	8.89	9.37	10.27	9.94	10.76	9.46	117.22
1938	Wet	9.07	8.17	6.96	11.23	10.15	11.23	8.49	9.02	9.49	9.67	10.67	9.31	113.46
1939	Dry	8.89	7.97	7.09	11.23	10.15	11.23	8.39	10.08	1.91	11.23	6.58	10.87	105.62
1940	Above Normal	10.44	1.47	11.23	1.44	1.75	4.29	8.05	10.52	8.12	11.23	11.23	10.87	90.64
1941	Wet	9.18	8.24	7.07	4.70	5.53	11.23	7.68	8.33	9.17	8.97	9.87	8.60	98.57
1942	Wet	8.21	7.37	6.34	11.23	10.15	11.23	9.91	8.66	9.53	9.21	10.05	8.88	110.77
1943	Wet	8.56	7.69	6.94	11.23	10.15	10.76	9.79	9.82	10.70	10.36	11.23	9.96	117.19
1944	Dry	9.59	8.63	7.79	9.66	8.82	5.30	6.49	8.43	8.95	8.69	9.29	8.71	100.35
1945	Below Normal	6.63	5.79	5.07	2.99	3.37	11.23	8.97	9.38	10.29	9.88	10.63	9.46	93.69
1946	Below Normal	9.13	8.23	8.11	11.23	8.45	8.01	8.50	8.91	9.78	9.42	10.23	9.10	109.10
1947	Dry	8.77	7.91	7.18	11.23	10.15	7.35	8.74	10.15	10.75	10.46	11.23	10.38	114.30
1948	Below Normal	8.95	8.05	7.13	7.99	7.53	4.22	6.13	6.26	0.31	11.23	11.23	10.87	89.90
1949	Dry	9.05	8.08	6.98	2.98	3.63	3.72	8.75	9.96	10.35	10.03	10.85	9.88	94.26
1950	Below Normal	8.62	7.74	6.86	2.47	2.84	3.09	7.34	9.35	0.56	11.23	11.23	10.87	82.20
1951	Above Normal	9.09	8.14	6.82	11.23	10.15	11.23	8.36	9.17	10.06	9.67	10.50	9.34	113.76
1952	Wet	9.02	8.13	7.37	11.23	10.51	8.91	7.30	7.74	8.09	8.38	9.24	8.05	103.97
1953	Wet	7.68	6.86	10.76	11.23	10.15	11.23	8.61	8.59	9.34	9.11	9.96	8.99	112.51
1954	Above Normal	8.22	7.38	6.61	11.02	10.15	8.18	8.19	10.44	10.81	9.66	11.23	10.87	112.76
1955	Dry	8.79	7.85	6.80	3.66	4.35	4.27	6.72	8.59	8.84	8.75	9.58	8.90	87.10
1956	Wet	6.99	6.21	5.39	9.48	10.51	11.23	9.57	10.08	10.87	10.58	11.23	10.23	112.37
1957	Above Normal	9.88	8.91	8.05	11.23	10.15	8.52	6.72	4.80	0.76	11.13	11.23	10.87	102.25
1958	Wet	8.75	7.85	6.85	3.84	6.06	11.23	9.73	10.27	10.87	10.85	11.23	10.42	107.95
1959	Below Normal	10.03	9.01	8.09	11.23	10.15	11.23	7.55	9.58	2.03	11.23	11.23	10.87	112.23
1960	Dry	9.01	8.08	6.99	3.13	3.10	3.40	8.68	10.86	5.83	11.23	7.72	10.87	88.90
1961	Dry	9.98	8.93	7.70	4.16	4.52	3.51	7.31	9.29	9.54	9.40	7.68	3.65	85.67
1962	Below Normal	0.99	6.81	11.23	1.13	1.72	4.00	7.40	9.50	0.74	11.23	11.23	10.87	76.85
1963	Wet	9.42	8.45	7.37	6.10	6.24	6.96	8.33	8.80	9.65	9.30	10.10	8.99	99.71
1964	Dry	8.68	7.81	8.80	11.23	6.18	6.33	8.93	9.13	9.60	9.21	9.98	8.83	104.71
1965	Wet	8.53	7.63	6.91	11.07	10.15	8.06	8.18	8.58	8.62	9.15	9.93	8.88	105.69
1966	Below Normal	8.41	7.56	6.84	11.23	10.15	8.73	7.90	9.82	9.29	10.34	11.23	10.63	112.13
1967	Wet	8.68	7.75	6.76	4.75	7.07	7.43	9.04	9.46	9.91	10.01	10.89	9.62	101.37
1968	Below Normal	9.26	8.08	7.53	11.23	10.51	11.23	8.89	9.35	10.01	9.82	10.89	9.99	116.79
1969	Wet	8.47	7.58	6.66	7.85	10.15	11.23	8.61	9.14	9.59	9.78	10.79	9.42	109.27
1970	Wet	9.10	7.96	7.18	11.23	10.15	11.23	8.43	9.19	10.08	9.68	10.51	9.34	114.08
1971	Wet	9.03	8.13	7.38	11.23	10.15	10.42	7.55	9.74	9.86	10.19	11.23	10.50	115.41
1972	Below Normal	8.41	7.51	6.53	4.25	5.69	6.46	8.09	9.92	10.18	10.00	11.04	10.16	98.24
1973	Above Normal	8.34	7.43	6.47	5.47	8.09	8.18	8.75	9.44	10.35	9.91	10.71	9.52	102.66
1974	Wet	9.21	8.30	7.55	11.23	10.15	11.23	9.65	9.27	10.19	9.80	10.69	9.48	116.75
1975	Wet	9.14	8.20	7.40	11.23	10.15	11.16	9.04	9.28	10.19	9.75	10.49	9.35	115.38
1976	Critical	9.01	8.13	7.42	11.23	10.51	7.31	7.58	9.71	1.75	10.89	6.75	10.87	101.16
1977	Critical	9.30	8.32	7.14	2.80	3.10	2.55	1.70	0.25	0.30	0.45	0.38	0.29	36.58
1978	Above Normal	0.11	1.81	10.56	1.22	3.09	5.74	8.18	8.90	9.73	9.41	10.18	9.15	78.08
1979	Below Normal	8.44	7.58	6.83	11.23	10.15	9.26	8.78	9.06	9.96	9.57	10.32	9.16	110.34
1980	Above Normal	8.81	7.94	7.22	11.23	10.51	11.23	7.98	8.61	9.47	9.25	10.13	8.85	111.23
1981	Dry	8.47	7.59	6.80	11.23	10.15	9.96	7.60	9.90	2.19	11.23	10.26	10.87	106.25
1982	Wet	9.65	8.67	7.50	5.82	6.12	11.23	10.22	9.92	10.84	10.51	11.23	10.13	111.84
1983	Wet	9.74	8.52	11.23	11.23	10.15	11.23	7.24	7.78	8.49	9.19	9.15	8.17	112.12
1984	Wet	8.25	7.41	11.23	11.23	10.51	11.23	8.42	9.28	10.15	9.77	10.61	9.45	117.54
1985	Dry	9.11	8.22	8.37	11.23	10.15	10.07	8.33	8.72	9.51	9.11	9.83	8.73	111.38
1986	Wet	8.42	7.59	6.90	11.23	10.15	10.18	9.50	9.81	10.74	10.40	11.23	9.94	116.09
1987	Dry	9.55	8.60	7.73	11.23	10.15	7.86	6.08	8.19	8.49	7.59	7.48	7.09	100.04
1988	Critical	4.68	3.61	3.10	1.71	2.52	2.25	4.21	5.60	5.81	5.26	5.13	4.85	48.73
1989	Dry	3.13	2.37	2.06	1.43	2.12	2.21	8.43	10.90	6.22	11.23	10.27	10.87	71.24
1990	Critical	9.52	8.52	7.33	2.99	3.43	3.07	5.48	7.35	7.62	6.83	6.71	6.35	75.20
1991	Critical	4.16	3.19	2.75	1.61	2.08	2.20	4.29	5.11	2.12	6.18	5.98	5.70	45.37
1992	Critical	3.61	2.41	2.52	1.43	1.92	1.99	4.22	5.61	5.81	0.39	0.36	2.83	33.10
1993	Above Normal	7.18	0.58	9.32	1.40	4.54	5.88	8.21	9.30	4.41	10.42	11.23	10.34	82.81
1994	Critical	9.16	8.25	7.34	9.54	9.09	5.86	6.94	8.83	6.53	9.19	1.86	8.30	90.89
1995	Wet	0.79	2.14	11.23	1.12	4.07	5.45	9.69	9.96	10.87	10.52	11.23	10.08	87.15
1996	Wet	9.71	8.75	7.91	6.71	7.11	7.37	8.92	9.12	10.01	9.62	10.41	9.26	104.90
1997	Wet	8.94	8.06	7.33	11.23	10.15	11.23	8.50	8.98	9.83	9.53	10.43	9.20	113.41
1998	Wet	8.83	7.94	7.14	11.23	10.15	11.23	8.41	8.78	9.20	8.98	10.29	9.02	111.20
1999	Wet	9.57	8.71	9.24	11.23	10.15	11.23	8.45	9.19	10.06	9.72	10.56	9.38	117.49
2000	Above Normal	9.06	8.17	7.41	11.23	10.51	8.90	8.30	10.33	10.87	10.85	11.23	10.87	117.73
2001	Dry	8.96	8.05	7.05	4.96	4.63	3.64	6.43	8.72	9.08	8.18	8.06	7.64	85.40
2002	Dry	5.03	3.92	3.38	2.32	3.57	4.34	9.02	9.20	9.64	9.27	9.94	8.81	78.44
2003	Above Normal	8.48	3.68	8.79	2.37	3.48	4.22	6.91	8.83	1.02	10.86	11.23	10.87	80.74
	Average	7.96	7.15	7.37	7.09	7.03	7.36	7.80	8.75	7.88	9.28	9.35	8.78	95.81
	Wet	8.39	7.70	7.75	8.97	8.88	10.10	8.77	9.15	9.86	9.72	10.52	9.38	109.19
	Above Normal	8.31	6.20	8.41	6.86	7.25	7.47	8.10	9.12	7.30	10.28	10.90	10.15	100.35
	Below Normal	8.17	7.85	7.38	7.33	7.00	7.93	8.28	8.75	6.50	10.47	10.97	10.22	100.84
	Dry	7.44	7.05	7.23	6.00	5.74	5.39	7.55	9.30	8.09	9.54	9.31	9.02	91.67
	Critical	7.24	6.23	5.73	4.64	4.77	3.62	5.22	6.70	5.44	5.53	3.44	4.08	62.65

Difference in Energy generated (GWh) at Alamo Dam: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.73	0.09	0.10	0.33	0.45	0.92	0.95	1.10	0.95	0.47
1923	Below Normal	0.91	0.83	0.72	0.00	0.00	0.00	2.37	(7.96)	(8.99)	1.63	0.52	1.04	(0.74)
1924	Critical	2.35	2.21	2.04	2.80	2.39	0.98	0.76	1.06	(2.93)	(5.76)	(5.67)	(5.41)	(0.43)
1925	Dry	0.79	6.05	8.78	0.42	0.67	(0.65)	(1.02)	(1.59)	(1.43)	(1.41)	(1.34)	(1.49)	0.65
1926	Dry	(1.19)	(1.05)	(0.87)	0.15	(0.02)	0.24	(0.02)	0.75	0.04	0.91	0.97	0.92	0.07
1927	Wet	(2.04)	1.45	1.22	0.22	(0.02)	0.10	(0.18)	(0.22)	0.20	0.21	0.19	0.21	0.11
1928	Above Normal	0.22	0.24	0.26	0.00	0.00	(0.18)	(0.16)	0.73	(7.68)	1.95	1.27	2.02	(0.11)
1929	Critical	1.29	1.21	0.93	(1.94)	(1.40)	(0.96)	0.54	0.21	0.23	(1.58)	(5.13)	(4.31)	(0.91)
1930	Dry	(0.46)	(0.65)	8.45	0.14	0.01	0.07	0.02	0.10	(1.20)	0.18	0.02	0.07	0.56
1931	Critical	(0.12)	(0.22)	(0.20)	(0.01)	0.00	0.12	0.04	0.05	0.06	0.05	(2.57)	(6.22)	(0.75)
1932	Dry	(1.86)	2.20	4.85	0.02	0.07	0.17	(0.01)	0.00	0.42	0.43	0.43	0.43	0.60
1933	Critical	0.44	0.44	0.44	0.47	0.01	0.11	0.04	(0.08)	0.02	0.18	0.35	0.31	0.23
1934	Critical	(0.75)	(0.94)	1.88	0.24	0.11	(0.10)	(0.30)	(0.41)	(0.42)	(0.38)	(0.72)	0.00	(0.15)
1935	Below Normal	3.49	(1.67)	(1.19)	(0.05)	0.00	0.03	0.20	0.26	2.69	0.00	0.00	0.00	0.31
1936	Below Normal	0.45	0.41	0.41	0.44	0.00	(1.02)	0.01	0.01	0.44	0.45	0.45	0.44	0.21
1937	Below Normal	0.45	0.45	0.44	0.00	0.00	0.47	(0.11)	(0.12)	0.31	0.32	0.32	0.33	0.24
1938	Wet	0.33	0.33	(0.10)	0.00	0.00	0.00	(0.07)	(0.91)	(0.92)	0.16	(0.48)	0.37	(0.11)
1939	Dry	0.36	0.37	0.37	0.00	0.00	0.00	(0.77)	0.11	0.10	0.08	0.17	0.00	0.07
1940	Above Normal	0.39	(2.77)	1.03	0.01	(0.33)	(0.09)	0.00	(0.01)	0.37	0.32	0.00	0.00	(0.09)
1941	Wet	0.42	0.42	0.33	0.00	0.00	0.00	0.00	0.00	0.43	0.43	0.44	0.43	0.24
1942	Wet	0.43	0.44	0.20	0.00	0.00	0.00	(0.01)	(0.03)	0.39	0.39	0.38	0.39	0.22
1943	Wet	0.40	0.40	0.41	0.00	0.00	0.36	0.16	(0.02)	0.41	0.40	0.35	0.40	0.27
1944	Dry	0.41	0.41	0.42	(1.35)	(1.60)	(0.56)	0.00	0.01	0.34	0.33	0.31	0.31	(0.08)
1945	Below Normal	0.29	0.29	0.29	0.31	(0.01)	0.00	0.01	0.01	0.45	0.44	0.45	0.45	0.25
1946	Below Normal	0.45	0.44	0.54	0.00	0.00	0.03	0.04	0.04	0.48	0.48	0.48	0.48	0.29
1947	Dry	0.47	0.47	0.47	0.00	0.00	0.01	0.00	0.04	0.30	0.31	0.22	0.32	0.22
1948	Below Normal	0.28	0.28	0.27	0.07	(0.18)	(0.06)	0.01	0.31	0.00	0.00	0.00	0.00	0.08
1949	Dry	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.02	0.02	0.02	0.02	0.01
1950	Below Normal	0.01	0.01	0.01	(0.09)	(0.10)	(0.03)	(0.01)	0.00	0.25	0.00	0.00	0.00	0.00
1951	Above Normal	0.25	0.26	(0.01)	0.00	0.00	0.00	0.00	0.00	0.43	0.43	0.43	0.43	0.19
1952	Wet	0.43	0.44	0.43	0.00	0.00	0.00	0.00	(0.48)	(0.50)	(0.10)	(0.21)	(0.06)	0.00
1953	Wet	(0.01)	0.05	1.17	0.00	0.00	0.00	(1.77)	(0.19)	0.33	0.32	0.28	0.27	0.04
1954	Above Normal	0.38	0.39	0.41	1.06	0.00	0.30	0.06	0.08	0.80	0.09	0.00	0.01	0.30
1955	Dry	0.23	0.23	0.22	0.20	0.00	(0.01)	(0.05)	(0.07)	0.00	0.00	(0.01)	(0.01)	0.06
1956	Wet	0.01	0.01	0.02	(1.75)	0.00	0.00	0.01	0.01	0.31	0.44	0.15	0.44	(0.03)
1957	Above Normal	0.44	0.44	0.44	0.00	0.00	0.00	0.00	0.05	0.41	0.42	0.00	0.11	0.19
1958	Wet	0.41	0.41	0.42	0.41	0.00	0.00	0.00	0.00	0.11	0.44	0.00	0.44	0.22
1959	Below Normal	0.43	0.44	0.43	0.00	0.00	0.00	(0.20)	(0.26)	0.26	0.28	0.00	0.00	0.12
1960	Dry	0.27	0.28	0.27	0.25	(0.05)	0.01	0.01	(0.04)	0.64	0.00	0.52	0.00	0.18
1961	Dry	(0.20)	(0.19)	(0.16)	0.21	0.19	0.08	0.02	0.02	0.02	0.02	0.18	0.00	0.02
1962	Below Normal	0.17	(0.03)	0.00	0.00	0.00	0.00	0.00	0.01	0.42	0.00	0.00	0.00	0.05
1963	Wet	0.42	0.42	0.42	0.42	0.00	0.00	0.00	0.00	0.43	0.43	0.43	0.43	0.28
1964	Dry	0.43	0.43	0.44	0.00	0.01	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.01	0.11
1965	Wet	0.00	0.00	0.00	0.05	0.00	(0.02)	0.00	0.02	0.16	0.48	0.49	0.49	0.14
1966	Below Normal	0.47	0.46	0.46	0.00	0.00	(0.03)	0.00	0.00	0.35	0.34	0.07	0.35	0.21
1967	Wet	0.34	0.34	0.34	0.33	(0.01)	0.00	0.00	(0.01)	(0.02)	0.42	0.41	0.42	0.21
1968	Below Normal	0.42	0.17	0.43	0.00	0.00	0.00	0.04	0.22	0.57	0.60	0.67	0.69	0.32
1969	Wet	0.46	0.45	0.41	(1.11)	0.00	0.00	(0.04)	(0.05)	(0.04)	0.40	0.39	0.39	0.11
1970	Wet	0.39	0.40	0.40	0.00	0.00	0.00	0.00	0.04	0.47	0.47	0.47	0.46	0.26
1971	Wet	0.46	0.46	0.46	0.00	0.00	0.03	(0.02)	(0.02)	0.06	0.32	0.22	0.32	0.19
1972	Below Normal	0.31	0.32	0.31	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
1973	Above Normal	0.01	0.00	0.01	0.02	0.01	0.03	(0.03)	0.01	0.43	0.44	0.43	0.43	0.15
1974	Wet	0.44	0.44	0.44	0.00	0.00	0.00	0.44	(0.11)	0.33	0.32	0.29	0.33	0.24
1975	Wet	0.34	0.34	0.36	0.00	0.00	(0.07)	0.09	0.10	0.53	0.52	0.53	0.52	0.27
1976	Critical	0.52	0.51	0.50	0.00	0.00	0.03	(0.04)	(0.06)	(0.01)	(0.06)	0.11	0.00	0.13
1977	Critical	(0.08)	(0.08)	(0.07)	(0.01)	(0.01)	(0.01)	0.46	0.00	0.01	0.00	0.00	0.00	0.02
1978	Above Normal	0.00	(0.07)	0.04	0.00	0.00	(0.10)	(0.01)	0.41	0.81	0.85	0.93	1.00	0.32
1979	Below Normal	0.59	0.57	0.48	0.00	0.00	1.37	0.30	0.05	0.48	0.47	0.46	0.47	0.44
1980	Above Normal	0.47	0.48	0.48	0.00	0.00	0.00	(0.56)	(0.44)	(0.02)	(0.03)	(0.12)	(0.02)	0.02
1981	Dry	0.01	0.06	0.13	0.00	0.00	0.88	0.18	0.25	0.44	0.00	(0.26)	0.00	0.14
1982	Wet	0.53	0.51	0.50	0.45	0.06	0.00	0.00	0.00	0.43	0.43	0.12	0.44	0.29
1983	Wet	0.33	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.43	0.11
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.43	0.43	0.43	0.14
1985	Dry	0.43	0.43	0.43	0.00	0.00	0.00	0.00	0.00	0.32	0.32	0.32	0.32	0.21
1986	Wet	0.32	0.32	0.31	0.00	0.00	(1.05)	0.22	0.01	0.44	0.44	0.32	0.44	0.15
1987	Dry	0.44	0.44	0.43	0.00	0.00	0.00	(0.22)	(0.32)	(0.31)	(0.27)	(0.27)	(0.26)	(0.03)
1988	Critical	(0.17)	(0.14)	(0.12)	(0.02)	(0.04)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.10)	0.00	(0.59)	0.00	(0.06)
1990	Critical	0.07	0.07	0.06	(0.01)	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.02
1991	Critical	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.19)	(0.01)	0.03	0.03	0.03	(0.01)
1992	Critical	0.02	(0.18)	0.12	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.05)	(0.01)
1993	Above Normal	(0.06)	(0.07)	0.10	0.00	(0.01)	(0.02)	0.00	0.02	0.24	0.47	0.35	0.47	0.12
1994	Critical	0.46	0.45	0.45	0.37	(0.06)	(0.03)	0.00	0.01	0.02	0.00	0.04	(0.02)	0.14
1995	Wet	(0.16)	(0.21)	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.44	0.24	0.43	0.10
1996	Wet	0.43	0.43	0.43	(4.52)	(3.40)	(2.61)	(0.20)	(0.21)	0.22	0.22	0.21	0.24	(0.73)
1997	Wet	0.25	0.26	0.28	0.00	0.00	0.00	0.02	0.02	0.45	0.45	0.45	0.45	0.22
1998	Wet	0.45	0.45	0.45	0.00	0.00	0.00	(0.01)	(0.48)	(0.52)	(0.53)	(0.21)	(0.06)	(0.04)
1999	Wet	0.93	(0.06)	0.72	0.00	0.00	0.00	(0.03)	0.02	0.45	0.45	0.46	0.45	0.28
2000	Above Normal	0.45	0.45	0.44	0.00	0.00	(0.03)	(0.01)	0.07	0.36	0.48	0.00	0.40	0.22
2001	Dry	0.43	0.42	0.41	(0.01)	(0.38)	(0.11)	0.05	0.07	0.14	0.14	0.14	0.14	0.12
2002	Dry	0.11	0.10	0.10	0.09	0.00	0.00	(0.03)	(0.03)	(0.02)	(0.02)	(0.03)	(0.02)	0.02
2003	Above Normal	(0.02)	0.48	(0.49)	0.11	0.09	0.04	0.00	0.00	0.29	0.30	0.00	0.24	0.09
	Average	0.27	0.30	0.57	(0.01)	(0.05)	(0.03)	0.01	(0.11)	(0.04)	0.17	0.02	0.06	0.10
	Wet	0.24	0.33	0.37	(0.21)	(0.13)	(0.13)	(0.05)	(0.10)	0.19	0.32	0.26	0.37	0.12
	Above Normal	0.21	(0.01)	0.23	0.16	(0.01)	0.00	(0.03)	0.11	(0.22)	0.56	0.37	0.50	0.16
	Below Normal	0.62	0.21	0.26	0.07	(0.02)	0.05	0.19	(0.53)	(0.16)	0.36	0.24	0.30	0.14
	Dry	0.04	0.56	1.38	0.01	(0.06)	0.01	(0.10)	(0.04)	(0.02)	0.06	0.04	0.04	0.16
	Critical	0.34	0.28	0.50	0.16	0.08	0.01	0.13	0.05	(0.25)	(0.63)	(1.13)	(1.31)	(0.15)

Percent Difference in Energy generated (GWh) at Alamo Dam: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	30%	2%	2%	4%	5%	10%	11%	12%	11%
1923	Below Normal	11%	11%	11%	0%	0%	0%	31%	-84%	-93%	17%	5%	11%
1924	Critical	29%	31%	32%	54%	45%	26%	15%	16%	-43%	-94%	-94%	-95%
1925	Dry	21%	214%	358%	27%	32%	-16%	-13%	-15%	-13%	-13%	-12%	-14%
1926	Dry	-14%	-14%	-13%	5%	-1%	6%	0%	8%	0%	10%	10%	10%
1927	Wet	-28%	22%	22%	7%	0%	1%	-2%	-2%	2%	2%	2%	2%
1928	Above Normal	3%	3%	4%	0%	0%	-2%	-2%	8%	-79%	21%	13%	23%
1929	Critical	15%	16%	13%	-17%	-14%	-17%	13%	4%	4%	-28%	-93%	-86%
1930	Dry	-13%	-25%	376%	10%	0%	3%	0%	1%	-14%	2%	0%	1%
1931	Critical	-2%	-4%	-5%	0%	0%	5%	1%	1%	1%	1%	-37%	-96%
1932	Dry	-45%	64%	166%	1%	2%	5%	0%	0%	5%	5%	5%	5%
1933	Critical	7%	8%	9%	20%	0%	3%	1%	-1%	0%	2%	4%	4%
1934	Critical	-14%	-22%	51%	13%	5%	-4%	-5%	-5%	-5%	-5%	-67%	0%
1935	Below Normal	86%	-17%	-15%	-3%	0%	1%	2%	2%	77%	0%	0%	0%
1936	Below Normal	5%	5%	6%	15%	0%	-12%	0%	0%	4%	5%	4%	5%
1937	Below Normal	5%	6%	6%	0%	0%	4%	-1%	-1%	3%	3%	3%	4%
1938	Wet	4%	4%	-1%	0%	0%	0%	-1%	-9%	-9%	2%	-4%	4%
1939	Dry	4%	5%	6%	0%	0%	0%	-8%	1%	6%	1%	3%	0%
1940	Above Normal	4%	-65%	10%	1%	-16%	-2%	0%	0%	5%	3%	0%	0%
1941	Wet	5%	5%	5%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1942	Wet	6%	6%	3%	0%	0%	0%	0%	0%	4%	4%	4%	5%
1943	Wet	5%	5%	6%	0%	0%	3%	2%	0%	4%	4%	3%	4%
1944	Dry	4%	5%	6%	-12%	-15%	-10%	0%	0%	4%	4%	3%	4%
1945	Below Normal	5%	5%	6%	12%	0%	0%	0%	0%	5%	5%	4%	5%
1946	Below Normal	5%	6%	7%	0%	0%	0%	0%	0%	5%	5%	5%	6%
1947	Dry	6%	6%	7%	0%	0%	0%	0%	0%	3%	3%	2%	3%
1948	Below Normal	3%	4%	4%	1%	-2%	-1%	0%	5%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-4%	-3%	-1%	0%	0%	81%	0%	0%	0%
1951	Above Normal	3%	3%	0%	0%	0%	0%	0%	0%	4%	5%	4%	5%
1952	Wet	5%	6%	6%	0%	0%	0%	0%	-6%	-6%	-1%	-2%	-1%
1953	Wet	0%	1%	12%	0%	0%	0%	-17%	-2%	4%	4%	3%	3%
1954	Above Normal	5%	6%	7%	11%	0%	4%	1%	1%	8%	1%	0%	0%
1955	Dry	3%	3%	3%	6%	0%	0%	-1%	-1%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	-16%	0%	0%	0%	0%	3%	4%	1%	4%
1957	Above Normal	5%	5%	6%	0%	0%	0%	0%	1%	117%	4%	0%	1%
1958	Wet	5%	6%	7%	12%	0%	0%	0%	0%	1%	4%	0%	4%
1959	Below Normal	4%	5%	6%	0%	0%	0%	-3%	-3%	15%	3%	0%	0%
1960	Dry	3%	4%	4%	9%	-2%	0%	0%	0%	12%	0%	7%	0%
1961	Dry	-2%	-2%	-2%	5%	4%	2%	0%	0%	0%	0%	2%	0%
1962	Below Normal	21%	0%	0%	0%	0%	0%	0%	0%	131%	0%	0%	0%
1963	Wet	5%	5%	6%	7%	0%	0%	0%	0%	5%	5%	4%	5%
1964	Dry	5%	6%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	2%	6%	5%	6%
1966	Below Normal	6%	6%	7%	0%	0%	0%	0%	0%	4%	3%	1%	3%
1967	Wet	4%	5%	5%	7%	0%	0%	0%	0%	0%	4%	4%	5%
1968	Below Normal	5%	2%	6%	0%	0%	0%	0%	2%	6%	7%	7%	7%
1969	Wet	6%	6%	7%	-12%	0%	0%	0%	-1%	0%	4%	4%	4%
1970	Wet	4%	5%	6%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1971	Wet	5%	6%	7%	0%	0%	0%	0%	0%	1%	3%	2%	3%
1972	Below Normal	4%	4%	5%	8%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	4%	5%	4%	5%
1974	Wet	5%	6%	6%	0%	0%	0%	5%	-1%	3%	3%	3%	4%
1975	Wet	4%	4%	5%	0%	0%	-1%	1%	1%	5%	6%	5%	6%
1976	Critical	6%	7%	7%	0%	0%	0%	-1%	-1%	-1%	-1%	2%	0%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	37%	0%	3%	0%	0%	0%
1978	Above Normal	0%	-4%	0%	0%	0%	-2%	0%	5%	9%	10%	10%	12%
1979	Below Normal	8%	8%	8%	0%	0%	17%	4%	1%	5%	5%	5%	5%
1980	Above Normal	6%	6%	7%	0%	0%	0%	-7%	-5%	0%	0%	-1%	0%
1981	Dry	0%	1%	2%	0%	0%	10%	2%	3%	25%	0%	-2%	0%
1982	Wet	6%	6%	7%	8%	1%	0%	0%	0%	4%	4%	1%	5%
1983	Wet	4%	1%	0%	0%	0%	0%	0%	0%	0%	0%	5%	6%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	5%	5%	4%	5%
1985	Dry	5%	6%	5%	0%	0%	0%	0%	0%	3%	4%	3%	4%
1986	Wet	4%	4%	5%	0%	0%	-9%	2%	0%	4%	4%	3%	5%
1987	Dry	5%	5%	6%	0%	0%	0%	-3%	-4%	-4%	-3%	-3%	-4%
1988	Critical	-4%	-4%	-4%	-1%	-2%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	-5%	0%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-4%	0%	0%	1%	1%
1992	Critical	1%	-7%	5%	0%	-1%	0%	0%	0%	0%	0%	0%	-2%
1993	Above Normal	-1%	-11%	1%	0%	0%	0%	0%	0%	6%	5%	3%	5%
1994	Critical	5%	6%	7%	4%	-1%	-1%	0%	0%	0%	0%	2%	0%
1995	Wet	-17%	-9%	0%	0%	0%	0%	0%	0%	4%	4%	2%	4%
1996	Wet	5%	5%	6%	-40%	-32%	-26%	-2%	-2%	2%	2%	2%	3%
1997	Wet	3%	3%	4%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1998	Wet	5%	6%	7%	0%	0%	0%	0%	-5%	-5%	-6%	-2%	-1%
1999	Wet	11%	-1%	8%	0%	0%	0%	0%	0%	5%	5%	5%	5%
2000	Above Normal	5%	6%	6%	0%	0%	0%	0%	1%	3%	5%	0%	4%
2001	Dry	5%	6%	6%	0%	-8%	-3%	1%	1%	2%	2%	2%	2%
2002	Dry	2%	3%	3%	4%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	15%	-5%	5%	3%	1%	0%	0%	40%	3%	0%	2%
	Average	3%	5%	16%	2%	0%	0%	1%	-1%	5%	1%	-1%	-1%
	Wet	2%	4%	5%	-1%	-1%	-1%	-1%	-1%	2%	3%	3%	4%
	Above Normal	2%	-3%	3%	4%	-1%	0%	0%	1%	11%	6%	4%	6%
	Below Normal	12%	3%	4%	2%	0%	1%	2%	-5%	17%	4%	2%	3%
	Dry	-1%	16%	52%	3%	1%	0%	-1%	0%	2%	1%	1%	1%
	Critical	4%	2%	10%	6%	3%	1%	5%	1%	-3%	-10%	-24%	-23%

Energy generated (GWh) at Castaic: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	96.83	76.46	51.63	15.36	33.78	61.03	70.96	63.60	61.30	64.76	65.42	60.47	721.60
1923	Below Normal	51.36	47.02	39.28	76.68	84.29	88.44	63.13	62.64	59.65	69.49	64.89	54.42	761.29
1924	Critical	40.75	37.34	25.24	22.34	20.20	24.28	31.65	29.84	27.79	32.94	24.70	17.94	335.01
1925	Dry	1.31	0.14	0.10	5.39	11.36	59.02	52.80	67.29	64.36	76.54	70.15	57.40	465.86
1926	Dry	42.27	38.80	24.93	15.73	15.66	30.40	39.54	58.53	55.43	65.93	60.39	49.39	497.00
1927	Wet	34.99	31.93	19.58	11.03	19.04	70.10	76.92	70.37	68.32	72.17	72.91	67.54	614.90
1928	Above Normal	58.66	53.72	45.45	50.78	52.17	38.62	77.46	70.03	67.92	72.01	72.56	66.96	726.34
1929	Critical	57.92	52.98	44.50	44.97	40.04	29.46	27.61	27.61	25.26	30.02	22.58	16.37	419.32
1930	Dry	0.61	0.14	0.10	4.06	12.87	22.30	47.81	46.77	44.27	52.35	44.33	34.72	310.33
1931	Critical	18.31	15.29	6.96	13.39	13.12	20.96	35.17	33.68	31.99	38.27	28.49	20.61	276.24
1932	Dry	3.01	0.64	0.10	9.30	12.69	27.12	51.90	50.95	47.82	56.71	51.04	41.33	352.61
1933	Critical	26.72	23.89	13.42	14.42	14.08	24.17	38.95	40.78	39.04	46.39	36.11	26.89	344.86
1934	Critical	8.80	5.73	0.10	12.44	11.51	21.84	37.07	35.77	34.29	40.81	1.73	1.40	211.49
1935	Below Normal	24.38	27.30	17.27	12.55	13.64	25.42	67.16	67.61	64.72	83.21	76.34	62.37	541.97
1936	Below Normal	46.88	43.06	28.21	16.65	14.93	92.25	63.90	73.06	71.11	75.18	75.94	70.31	671.48
1937	Below Normal	61.49	56.35	47.87	49.89	69.34	92.30	60.68	67.82	65.71	69.51	70.21	64.71	775.88
1938	Wet	55.49	51.02	42.96	61.60	72.64	89.82	53.25	61.01	58.73	62.07	62.67	57.48	728.74
1939	Dry	47.86	44.18	40.77	65.87	84.52	92.93	76.35	65.70	47.47	82.24	76.35	70.20	794.44
1940	Above Normal	55.33	50.81	55.81	14.56	13.73	35.13	66.72	68.08	65.25	80.50	73.85	60.39	640.16
1941	Wet	45.02	41.36	26.91	21.19	32.63	92.27	48.02	56.30	53.73	56.87	57.40	52.67	584.37
1942	Wet	43.02	39.60	32.45	83.29	54.96	92.94	84.76	62.84	60.50	63.98	64.62	59.63	742.59
1943	Wet	50.42	46.22	38.55	53.32	66.39	92.92	78.52	70.21	68.10	71.96	72.76	67.18	776.55
1944	Dry	58.04	53.40	45.15	46.25	41.27	33.03	51.34	50.48	47.47	56.31	49.75	39.87	572.36
1945	Below Normal	24.55	21.59	11.72	18.36	15.69	81.08	63.70	70.22	68.18	72.11	72.77	67.38	587.35
1946	Below Normal	58.51	53.57	76.32	47.30	61.38	76.12	72.15	66.10	63.84	67.45	68.20	63.11	774.05
1947	Dry	54.14	49.53	41.60	51.50	46.46	42.20	74.21	70.50	67.99	76.50	73.32	63.69	711.64
1948	Below Normal	51.41	47.12	35.40	30.91	27.52	24.89	37.17	60.26	1.53	84.49	77.45	63.35	541.50
1949	Dry	47.77	43.87	28.83	19.79	16.41	27.95	74.42	70.13	67.71	75.64	72.84	63.82	609.18
1950	Below Normal	51.99	47.63	36.37	19.36	17.02	24.06	61.56	61.03	1.50	82.46	75.52	61.75	540.25
1951	Above Normal	46.26	42.51	45.87	73.01	83.50	92.27	58.39	68.04	65.91	69.53	70.32	65.11	780.72
1952	Wet	56.16	51.43	43.35	68.66	72.12	65.59	57.79	52.61	49.87	52.86	53.39	48.71	672.54
1953	Wet	38.76	35.84	60.24	59.26	53.57	92.95	89.03	62.37	58.85	65.09	63.31	56.20	735.47
1954	Above Normal	45.17	41.27	31.69	40.57	39.12	55.87	67.06	67.01	64.00	76.76	71.41	58.48	658.41
1955	Dry	43.24	39.72	25.65	14.65	14.85	32.17	57.69	57.13	53.86	63.94	58.83	48.11	509.84
1956	Wet	33.82	30.84	18.73	60.54	86.50	92.28	67.06	73.58	71.67	75.63	76.44	70.76	757.85
1957	Above Normal	61.85	56.81	48.30	55.07	53.69	50.53	57.09	56.32	1.60	79.31	72.67	59.45	652.69
1958	Wet	44.19	40.54	26.25	6.28	39.95	81.95	64.64	71.62	69.65	73.55	74.47	68.54	661.63
1959	Below Normal	59.29	54.69	46.33	65.48	62.29	90.79	64.47	64.09	56.57	80.46	73.62	60.19	778.27
1960	Dry	44.89	41.19	26.75	15.18	13.64	24.18	71.72	71.32	68.63	85.97	79.27	72.49	615.23
1961	Dry	56.94	52.37	36.24	18.45	17.47	23.52	61.19	60.67	57.61	68.48	62.78	54.89	570.61
1962	Below Normal	14.74	70.92	30.00	12.94	11.48	32.60	61.93	62.02	1.54	83.81	76.85	62.87	521.70
1963	Wet	47.26	43.47	28.56	32.38	40.80	65.88	71.20	65.53	63.23	66.66	67.51	62.52	655.00
1964	Dry	53.53	48.97	72.15	35.30	44.25	48.14	76.33	68.50	66.37	70.10	70.87	65.61	720.12
1965	Wet	56.70	51.89	43.77	63.63	70.68	66.47	70.05	63.28	60.78	65.43	65.51	59.91	738.10
1966	Below Normal	50.33	45.98	37.63	64.48	71.20	64.97	64.32	63.67	60.73	72.50	67.17	55.55	718.53
1967	Wet	41.15	37.72	24.78	12.05	42.76	67.28	75.23	68.16	66.02	69.88	70.62	65.11	640.76
1968	Below Normal	55.98	51.42	50.52	74.30	59.07	92.89	74.47	62.08	59.38	67.43	64.07	55.21	766.82
1969	Wet	42.81	39.16	28.24	64.56	80.95	92.28	53.96	61.63	59.32	62.79	63.43	58.13	707.26
1970	Wet	57.91	35.07	37.23	58.78	67.03	92.57	66.32	67.96	65.86	69.66	70.29	65.03	753.71
1971	Wet	56.09	51.35	43.28	76.91	59.20	70.51	62.10	62.85	59.81	71.41	65.48	53.52	732.51
1972	Below Normal	38.71	35.47	22.35	7.35	32.41	59.87	67.01	65.59	62.79	73.21	68.19	57.04	589.99
1973	Above Normal	43.11	39.52	26.86	14.43	48.99	86.23	61.32	70.28	68.33	72.08	72.85	67.44	671.44
1974	Wet	58.55	53.63	45.37	76.21	84.50	92.89	75.96	67.29	65.23	68.87	69.59	64.20	822.29
1975	Wet	55.06	50.57	42.55	58.64	56.05	89.75	76.92	69.16	67.13	70.82	71.60	66.29	774.54
1976	Critical	57.40	52.54	44.36	50.63	47.29	41.47	63.86	63.67	46.87	80.86	73.96	67.09	690.00
1977	Critical	51.32	47.11	31.28	15.26	13.74	19.67	27.52	6.15	1.66	1.83	1.75	1.40	218.69
1978	Above Normal	0.18	0.14	0.10	12.06	12.55	56.60	69.61	63.25	60.97	64.42	65.09	60.13	465.10
1979	Below Normal	51.05	46.69	38.98	49.90	69.00	92.25	58.80	65.88	63.76	67.29	67.99	62.82	734.41
1980	Above Normal	53.72	49.23	41.31	54.27	80.52	92.30	52.70	60.52	58.12	61.55	62.17	56.96	723.37
1981	Dry	47.28	43.67	36.19	60.28	58.90	61.13	62.45	63.16	7.24	84.56	77.38	65.34	667.58
1982	Wet	49.70	45.61	30.13	29.87	38.51	92.26	65.80	63.43	66.23	70.05	70.73	65.04	687.36
1983	Wet	65.03	60.48	92.04	50.75	84.14	92.29	44.95	44.25	51.69	52.06	40.89	45.02	723.59
1984	Wet	44.40	41.63	91.95	58.96	87.53	92.28	59.28	69.11	66.94	70.80	71.52	66.23	820.63
1985	Dry	57.33	52.50	75.35	42.92	54.99	78.33	71.61	65.66	63.49	67.00	67.65	62.68	759.51
1986	Wet	53.72	49.11	41.21	46.51	41.82	92.29	62.41	68.35	66.31	69.91	70.83	65.19	727.66
1987	Dry	55.88	51.49	43.38	57.21	53.36	36.58	38.05	36.92	35.61	42.03	31.53	22.84	504.88
1988	Critical	4.25	1.29	0.10	8.73	12.77	19.19	28.34	26.17	23.67	28.23	21.15	15.39	189.28
1989	Dry	0.18	0.14	0.10	2.64	11.90	19.43	69.46	70.49	67.58	85.25	78.12	66.09	471.38
1990	Critical	50.29	46.25	30.68	15.57	14.62	22.14	34.21	32.65	30.88	36.73	27.42	19.90	361.34
1991	Critical	2.48	0.14	0.10	7.01	11.10	18.77	28.68	26.70	24.58	33.15	24.61	17.82	195.14
1992	Critical	1.27	0.14	0.10	5.34	11.08	19.03	28.39	26.11	23.64	1.66	1.73	30.22	148.71
1993	Above Normal	15.97	0.14	20.19	12.18	34.27	58.79	69.15	64.86	62.26	73.32	70.94	62.32	544.39
1994	Critical	50.72	46.43	35.56	38.06	32.84	38.44	58.66	57.97	54.77	67.74	26.92	63.55	571.66
1995	Wet	19.41	73.81	62.28	12.79	28.64	49.32	79.42	71.74	69.73	73.58	74.53	68.79	684.04
1996	Wet	59.71	54.91	46.54	66.08	71.40	81.65	77.35	69.44	67.35	71.14	71.91	66.55	804.03
1997	Wet	57.63	52.79	44.59	67.81	79.12	92.58	63.84	63.33	61.01	64.38	65.15	60.07	772.30
1998	Wet	50.78	46.64	38.93	58.18	81.67	88.32	68.07	62.21	59.82	63.30	64.07	58.71	740.70
1999	Wet	56.18	56.86	49.62	58.03	81.58	92.96	74.06	68.43	66.17	69.95	70.80	65.52	810.16
2000	Above Normal	56.59	51.81	43.70	53.30	53.63	56.73	69.47	68.62	65.71	76.68	71.57	59.89	727.70
2001	Dry	45.82	42.06	28.95	21.32	19.13	24.37	38.35	37.61	36.23	43.16	32.27	23.33	392.60
2002	Dry	4.54	1.53	0.10	0.10	12.44	33.24	78.55	70.67	68.50	72.41	73.30	67.89	483.27
2003	Above Normal	59.07	54.05	64.67	7.27	16.14	34.12	59.01	58.57	1.40	78.72	72.27	59.07	564.36
	Average	43.20	40.39	34.79	36.59	42.81	59.20	60.49	59.36	52.66	64.96	61.03	54.52	609.99
	Wet	49.00	46.67	42.31	50.67	61.31	83.94	67.96	64.89	63.16	67.11	67.02	61.71	725.74
	Above Normal	49.40	43.04	39.63	33.57	43.51	59.85	64.91	64.93	53.56	72.47	70.09	61.39	656.36
	Below Normal	45.76	46.34	37.02	39.01	43.52	67.00	62.89	65.15	50.07	74.90	71.37	61.51	664.54
	Dry	36.92	33.57	29.25	27.00	30.12	39.78	60.77	60.14	53.76	68.06	62.79	53.87	556.02
	Critical	30.85	27.43	19.37	20.68	20.20	24.95	36.68	33.93	30.37	36.55	24.26	24.88	330.15

Energy generated (GWh) at Castaic: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	96.83	76.46	51.63	25.24	33.60	60.57	70.71	63.72	64.17	67.65	68.31	63.12	742.01
1923	Below Normal	53.78	49.70	41.98	47.13	59.84	92.90	86.38	56.61	4.14	88.95	84.76	73.36	739.53
1924	Critical	60.37	55.73	42.57	34.79	27.87	27.34	35.16	33.79	32.16	1.71	1.68	1.40	354.57
1925	Dry	39.41	45.17	48.90	16.39	13.69	24.86	58.41	57.72	55.62	65.93	60.52	49.73	536.35
1926	Dry	35.40	32.39	20.18	20.08	16.02	31.92	43.72	63.14	60.64	72.86	66.77	54.69	517.81
1927	Wet	39.86	43.72	28.79	14.34	16.25	69.66	75.52	68.83	69.41	73.17	73.90	68.64	642.09
1928	Above Normal	59.75	54.93	46.80	53.70	50.11	36.14	75.02	70.76	68.81	84.72	81.97	72.33	755.04
1929	Critical	60.68	55.78	43.94	37.08	30.90	27.00	30.14	28.42	26.16	31.09	1.74	1.40	374.33
1930	Dry	18.43	20.69	30.84	13.54	12.54	21.77	45.40	44.38	42.19	51.21	41.98	32.27	375.24
1931	Critical	14.96	11.81	4.33	14.29	12.88	20.95	35.35	33.89	32.22	38.54	28.69	1.40	249.31
1932	Dry	15.38	18.85	17.70	13.87	12.61	27.22	51.93	50.99	50.55	59.45	53.80	44.10	416.45
1933	Critical	29.52	26.70	16.23	17.51	14.14	25.17	41.34	43.44	42.05	49.76	40.44	31.03	377.33
1934	Critical	13.69	13.09	12.09	14.06	11.90	21.27	35.69	34.22	32.57	38.77	1.73	1.40	230.48
1935	Below Normal	22.66	19.70	11.19	12.55	13.80	25.84	68.61	69.22	68.96	86.50	79.59	65.51	544.13
1936	Below Normal	49.96	46.14	31.21	19.04	14.86	92.25	63.99	73.13	73.88	77.96	78.71	73.08	694.21
1937	Below Normal	64.27	59.14	50.68	49.86	68.88	92.30	59.46	66.69	67.24	70.97	71.66	66.23	787.38
1938	Wet	56.97	52.62	41.92	78.80	76.74	92.55	57.26	60.26	57.96	63.96	64.55	59.40	762.99
1939	Dry	49.76	46.17	42.82	69.83	84.50	92.93	70.01	67.04	66.64	84.46	78.80	72.84	825.80
1940	Above Normal	58.20	53.66	65.36	15.54	12.46	34.58	66.69	68.04	67.87	83.15	76.51	63.04	665.10
1941	Wet	47.69	44.04	28.99	21.22	32.63	92.27	48.02	56.30	56.43	59.56	60.10	55.37	602.62
1942	Wet	45.73	42.33	33.71	70.89	54.55	92.94	84.99	62.77	63.13	66.60	67.24	62.27	747.15
1943	Wet	53.09	48.89	41.24	51.75	62.18	92.92	80.52	70.39	70.98	74.85	75.65	70.08	792.54
1944	Dry	60.98	56.31	48.06	46.05	38.63	32.25	51.03	50.17	49.19	57.97	51.28	41.42	583.34
1945	Below Normal	26.01	23.05	13.34	20.24	15.63	80.18	63.81	70.32	70.98	74.92	75.57	70.18	604.23
1946	Below Normal	61.32	56.39	79.10	50.03	61.38	76.36	72.43	66.38	66.83	70.46	71.21	66.10	797.99
1947	Dry	57.15	52.53	44.59	54.60	46.48	41.92	74.06	70.53	69.69	78.39	75.05	65.25	730.24
1948	Below Normal	52.85	48.59	36.76	32.01	26.97	24.69	37.21	60.44	1.53	84.46	77.43	63.33	546.27
1949	Dry	47.75	43.86	28.82	19.75	16.44	27.88	74.39	70.14	67.77	75.75	72.91	63.85	609.31
1950	Below Normal	51.97	47.62	36.33	19.01	16.67	23.95	61.55	61.01	3.11	84.05	77.11	63.34	545.72
1951	Above Normal	47.86	44.12	44.29	92.48	68.14	92.27	58.39	68.04	68.61	72.23	73.02	67.81	797.26
1952	Wet	58.87	54.15	46.09	72.82	72.12	65.59	57.79	51.79	48.98	54.61	55.13	50.70	688.64
1953	Wet	40.96	37.89	62.34	55.45	65.76	92.95	73.59	61.57	61.49	67.17	65.85	59.25	744.27
1954	Above Normal	48.63	44.67	35.51	45.19	41.53	58.69	67.43	67.44	65.60	77.91	72.70	59.74	685.04
1955	Dry	44.50	40.98	26.90	16.12	14.84	32.08	57.29	56.70	53.83	63.83	58.77	48.13	513.97
1956	Wet	33.88	30.92	18.89	60.42	86.50	92.28	67.12	73.63	74.42	78.38	79.19	73.51	769.14
1957	Above Normal	64.62	59.59	51.09	61.53	53.64	50.50	57.12	56.35	4.16	81.87	75.22	62.00	677.69
1958	Wet	46.76	43.11	28.84	8.87	39.95	81.95	64.64	71.62	72.35	76.25	77.17	71.24	682.75
1959	Below Normal	62.00	57.41	49.07	68.47	52.19	87.32	63.11	62.63	32.15	83.16	76.22	62.65	756.38
1960	Dry	47.34	43.59	29.04	17.03	13.56	24.31	71.89	71.33	68.65	85.78	79.24	71.83	623.59
1961	Dry	56.49	51.95	36.11	19.12	18.07	23.75	61.31	60.81	57.74	68.64	62.93	54.81	571.73
1962	Below Normal	13.04	71.27	28.90	12.94	11.48	32.60	61.93	62.02	4.15	86.43	79.47	65.49	529.72
1963	Wet	49.89	46.11	31.22	35.03	40.80	65.88	71.20	65.53	65.93	69.36	70.21	65.22	676.38
1964	Dry	56.24	51.69	74.85	37.99	44.14	48.46	76.29	68.47	66.37	70.10	70.87	65.62	731.09
1965	Wet	56.71	51.90	43.78	63.85	70.72	65.72	70.06	63.36	63.56	68.55	68.56	62.86	749.63
1966	Below Normal	53.24	48.89	40.47	66.87	70.84	64.77	64.32	63.68	62.86	74.62	69.28	57.66	737.50
1967	Wet	43.26	39.85	26.91	14.07	42.73	67.28	75.24	68.15	66.00	72.56	73.31	67.80	657.16
1968	Below Normal	58.68	52.54	46.07	70.18	59.19	92.89	74.15	62.27	61.87	70.96	66.77	56.99	772.56
1969	Wet	43.84	40.34	28.75	39.71	71.83	92.28	53.53	61.23	58.90	65.05	65.69	60.41	681.56
1970	Wet	60.17	37.40	39.60	73.04	64.40	92.39	62.45	68.20	68.81	72.62	73.26	67.98	780.32
1971	Wet	59.06	54.31	46.24	64.96	66.21	70.52	61.98	62.71	61.66	73.48	67.53	55.56	744.22
1972	Below Normal	40.76	37.52	24.41	9.49	32.53	59.91	67.00	65.56	62.81	73.20	68.20	57.07	598.46
1973	Above Normal	43.14	39.56	26.91	14.54	49.05	86.27	61.32	70.30	71.04	74.79	75.56	70.15	682.63
1974	Wet	61.28	56.37	48.13	64.79	61.69	92.89	81.09	67.10	67.72	71.36	72.07	66.74	811.23
1975	Wet	57.66	53.15	45.16	61.94	58.57	86.43	77.61	69.82	70.52	74.25	75.03	69.67	799.81
1976	Critical	60.80	55.91	47.70	53.87	47.47	41.39	63.55	63.33	46.27	80.43	73.57	66.65	700.94
1977	Critical	50.92	46.73	30.99	15.24	13.73	19.66	27.52	6.15	1.66	1.83	1.75	1.40	217.58
1978	Above Normal	0.18	0.14	0.10	12.06	12.55	54.72	69.06	64.19	64.47	69.93	68.97	62.24	478.61
1979	Below Normal	51.82	47.67	38.49	45.16	38.72	75.51	74.25	66.69	67.29	70.86	71.57	66.38	714.41
1980	Above Normal	57.35	52.77	44.81	49.48	72.19	92.30	50.98	58.97	59.18	62.51	63.11	58.14	721.79
1981	Dry	48.58	44.96	37.61	61.18	54.75	71.34	63.67	64.59	35.97	86.22	79.13	68.12	716.12
1982	Wet	52.44	48.37	32.86	32.41	38.59	92.26	65.80	63.44	68.93	72.75	73.43	67.75	709.03
1983	Wet	58.41	70.11	92.04	50.75	84.14	92.29	44.95	44.25	51.69	52.06	43.60	47.72	732.01
1984	Wet	44.40	41.63	91.95	58.96	87.53	92.28	59.28	69.12	69.65	73.50	74.22	68.93	831.45
1985	Dry	60.04	55.22	78.05	45.65	54.99	78.33	71.61	65.66	65.46	68.98	69.63	64.66	778.28
1986	Wet	55.70	51.10	43.22	48.51	41.82	82.74	72.31	68.37	69.02	72.63	73.54	67.90	746.86
1987	Dry	58.60	54.22	46.13	51.06	53.37	36.60	37.01	35.76	34.39	40.56	30.47	22.10	500.27
1988	Critical	3.83	0.96	0.17	8.46	12.75	19.19	28.34	26.17	23.67	28.23	21.15	15.39	188.31
1989	Dry	0.18	0.14	0.10	2.62	11.89	19.41	69.40	70.43	67.52	85.25	78.13	66.84	471.91
1990	Critical	50.98	46.89	31.17	15.56	14.62	22.15	34.22	32.66	30.88	36.74	27.42	19.90	363.19
1991	Critical	2.49	0.14	0.10	7.01	11.10	18.77	28.68	26.70	24.70	33.33	24.74	17.91	195.67
1992	Critical	1.33	0.14	0.10	6.00	11.08	19.03	28.39	26.10	23.63	1.66	1.73	30.22	149.41
1993	Above Normal	16.14	0.14	20.82	12.18	34.23	58.55	69.13	64.89	64.99	76.31	73.87	65.17	556.42
1994	Critical	53.53	49.25	38.33	40.58	32.67	38.37	58.67	57.98	54.80	67.74	26.53	63.61	582.06
1995	Wet	20.82	75.74	62.28	12.82	28.63	49.32	79.42	71.74	72.43	76.28	77.23	71.49	698.20
1996	Wet	62.42	57.63	49.28	44.08	54.22	71.39	75.97	68.10	68.66	72.37	73.13	67.89	765.14
1997	Wet	58.98	54.22	46.15	66.96	60.81	92.59	64.40	63.53	63.91	67.29	68.07	62.98	769.89
1998	Wet	53.70	49.56	41.85	61.21	81.64	88.27	68.01	61.34	58.87	62.29	65.75	60.65	753.14
1999	Wet	60.60	56.49	51.03	54.24	68.32	92.62	66.30	68.52	68.96	72.75	73.61	68.31	801.75
2000	Above Normal	59.40	54.63	46.53	56.20	53.89	55.84	69.22	68.67	68.29	79.61	74.22	62.22	748.72
2001	Dry	47.91	44.21	30.89	22.62	17.97	24.11	38.58	37.87	37.00	43.98	33.00	23.99	402.13
2002	Dry	5.13	2.10	0.59	0.58	12.55	33.20	78.34	70.47	68.31	72.22	73.10	67.70	484.29
2003	Above Normal	58.89	53.87	64.27	7.93	16.71	34.33	59.00	58.56	3.23	80.54	74.09	60.89	572.31
	Average	45.72	43.30	37.65	37.12	40.84	58.40	60.89	59.24	53.62	66.51	62.44	55.78	621.49
	Wet	50.89	49.31	44.28	49.30	58.82	83.09	67.66	64.68	65.01	69.37	69.50	64.24	736.15
	Above Normal	50.92	44.55	41.51	37.17	41.51	59.56	64.51	64.99	55.87	75.94	73.13	63.90	673.55
	Below Normal	47.31	47.55	37.71	37.36	38.78	65.82	65.59	64.76	46.27	78.39	74.83	64.81	669.18
	Dry	41.63	39.17	35.68	29.34	29.84	38.46	60.80	59.79	56.53	68.42	63.13	54.33	577.11
	Critical	33.59	30.26	22.31	22.04	20.09	25.02	37.25	34.40	30.90	34.15	20.93	20.98	331.93

Difference in Energy generated (GWh) at Castaic: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	9.88	(0.18)	(0.46)	(0.25)	0.12	2.87	2.89	2.89	2.65	1.70
1923	Below Normal	2.42	2.68	2.70	(29.55)	(24.45)	4.46	23.25	(6.03)	(55.51)	19.46	19.87	18.94	(1.81)
1924	Critical	19.62	18.39	17.33	12.45	7.67	3.06	3.51	3.95	4.37	(31.23)	(23.02)	(16.54)	1.63
1925	Dry	38.10	45.03	48.80	11.00	2.33	(34.16)	5.61	(9.57)	(8.74)	(10.61)	(9.63)	(7.67)	5.87
1926	Dry	(6.87)	(6.41)	(4.75)	4.35	0.36	1.52	4.18	4.61	5.21	6.93	6.38	5.30	1.73
1927	Wet	4.87	11.79	9.21	3.31	(2.79)	(0.44)	(1.40)	(1.54)	1.09	1.00	0.99	1.10	2.27
1928	Above Normal	1.09	1.21	1.35	2.92	(2.06)	(2.48)	(2.44)	0.73	0.89	12.71	9.41	5.37	2.39
1929	Critical	2.76	2.80	(0.56)	(7.89)	(9.14)	(2.46)	2.53	0.81	0.90	1.07	(20.84)	(14.97)	(3.75)
1930	Dry	17.82	20.55	30.74	9.48	(0.33)	(0.53)	(2.41)	(2.39)	(2.08)	(1.14)	(2.35)	(2.45)	5.41
1931	Critical	(3.35)	(3.48)	(2.63)	0.90	(0.24)	(0.01)	0.18	0.21	0.23	0.27	0.20	(19.21)	(2.24)
1932	Dry	12.37	18.21	17.60	4.57	(0.08)	0.10	0.03	0.04	2.73	2.74	2.76	2.77	5.32
1933	Critical	2.80	2.81	2.81	3.09	0.06	1.00	2.39	2.66	3.01	3.37	4.33	4.14	2.71
1934	Critical	4.89	7.36	11.99	1.62	0.39	(0.57)	(1.38)	(1.55)	(1.72)	(2.04)	0.00	0.00	1.58
1935	Below Normal	(1.72)	(7.60)	(6.08)	0.00	0.16	0.42	1.45	1.61	4.24	3.29	3.25	3.14	0.18
1936	Below Normal	3.08	3.08	3.00	2.39	(0.07)	0.00	0.09	0.07	2.77	2.78	2.77	2.77	1.89
1937	Below Normal	2.78	2.79	2.81	(0.03)	(0.46)	0.00	(1.22)	(1.13)	1.53	1.46	1.45	1.52	0.96
1938	Wet	1.48	1.60	(1.04)	17.20	4.10	2.73	4.01	(0.75)	(0.77)	1.89	1.88	1.92	2.85
1939	Dry	1.90	1.99	2.05	3.96	(0.02)	0.00	(6.34)	1.34	19.17	2.22	2.45	2.64	2.61
1940	Above Normal	2.87	2.85	9.55	0.98	(1.27)	(0.55)	(0.03)	(0.04)	2.62	2.65	2.66	2.65	2.08
1941	Wet	2.67	2.68	2.08	0.03	0.00	0.00	0.00	0.00	2.70	2.69	2.70	2.70	1.52
1942	Wet	2.71	2.73	1.26	(12.40)	(0.41)	0.00	0.23	(0.07)	2.63	2.62	2.62	2.64	0.38
1943	Wet	2.67	2.67	2.69	(1.57)	(4.21)	0.00	2.00	0.18	2.88	2.89	2.89	2.90	1.33
1944	Dry	2.94	2.91	2.91	(0.20)	(2.64)	(0.78)	(0.31)	(0.31)	1.72	1.66	1.53	1.55	0.92
1945	Below Normal	1.46	1.46	1.62	1.88	(0.06)	(0.90)	0.11	0.10	2.80	2.81	2.80	2.80	1.41
1946	Below Normal	2.81	2.82	2.78	2.73	0.00	0.24	0.28	0.28	2.99	3.01	3.01	2.99	2.00
1947	Dry	3.01	3.00	2.99	3.10	0.02	(0.28)	(0.15)	0.03	1.70	1.89	1.73	1.56	1.55
1948	Below Normal	1.44	1.47	1.36	1.10	(0.55)	(0.20)	0.04	0.18	0.00	(0.03)	(0.02)	(0.02)	0.40
1949	Dry	(0.02)	(0.01)	(0.01)	(0.04)	0.03	(0.07)	(0.03)	0.01	0.06	0.11	0.07	0.03	0.01
1950	Below Normal	(0.02)	(0.01)	(0.04)	(0.35)	(0.35)	(0.11)	(0.01)	(0.02)	1.61	1.59	1.59	1.59	0.46
1951	Above Normal	1.60	1.61	(1.58)	19.47	(15.36)	0.00	0.00	0.00	2.70	2.70	2.70	2.70	1.38
1952	Wet	2.71	2.72	2.74	4.16	0.00	0.00	0.00	(0.82)	(0.89)	1.75	1.74	1.99	1.34
1953	Wet	2.20	2.05	2.10	(3.81)	12.19	0.00	(15.44)	(0.80)	2.64	2.08	2.54	3.05	0.73
1954	Above Normal	3.46	3.40	3.82	4.62	2.41	2.82	0.37	0.43	1.60	1.15	1.29	1.26	2.22
1955	Dry	1.26	1.26	1.25	1.47	(0.01)	(0.09)	(0.40)	(0.43)	(0.03)	(0.11)	(0.06)	0.02	0.34
1956	Wet	0.06	0.08	0.16	(0.12)	0.00	0.00	0.06	0.05	2.75	2.75	2.75	2.75	0.94
1957	Above Normal	2.77	2.78	2.79	6.46	(0.05)	(0.03)	0.03	0.03	2.56	2.56	2.55	2.55	2.08
1958	Wet	2.57	2.57	2.59	2.59	0.00	0.00	0.00	0.00	2.70	2.70	2.70	2.70	1.76
1959	Below Normal	2.71	2.72	2.74	2.99	(10.10)	(3.47)	(1.36)	(1.46)	(24.42)	2.70	2.60	2.46	(1.82)
1960	Dry	2.45	2.40	2.29	1.85	(0.08)	0.13	0.17	0.01	0.02	(0.19)	(0.03)	(0.66)	0.70
1961	Dry	(0.45)	(0.42)	(0.13)	0.67	0.60	0.23	0.12	0.14	0.13	0.16	0.15	(0.08)	0.09
1962	Below Normal	(1.70)	0.35	(1.10)	0.00	0.00	0.00	0.00	0.00	2.61	2.62	2.62	2.62	0.67
1963	Wet	2.63	2.64	2.66	2.65	0.00	0.00	0.00	0.00	2.70	2.70	2.70	2.70	1.78
1964	Dry	2.71	2.72	2.70	2.69	(0.11)	0.32	(0.04)	(0.03)	0.00	0.00	0.00	0.01	0.91
1965	Wet	0.01	0.01	0.01	0.22	0.04	(0.75)	0.01	0.08	2.78	3.12	3.05	2.95	0.96
1966	Below Normal	2.91	2.91	2.84	2.39	(0.36)	(0.20)	0.00	0.01	2.13	2.12	2.11	2.11	1.58
1967	Wet	2.11	2.13	2.13	2.02	(0.03)	0.00	0.01	(0.01)	(0.02)	2.68	2.69	2.69	1.37
1968	Below Normal	2.70	1.12	(4.45)	(4.12)	0.12	0.00	(0.32)	0.19	2.49	3.53	2.70	1.78	0.48
1969	Wet	1.03	1.18	0.51	(24.85)	(9.12)	0.00	(0.43)	(0.40)	(0.42)	2.26	2.26	2.28	(2.14)
1970	Wet	2.26	2.33	2.37	14.26	(2.63)	(0.18)	(3.87)	0.24	2.95	2.96	2.97	2.95	2.22
1971	Wet	2.97	2.96	2.96	(11.95)	7.01	0.01	(0.12)	(0.14)	1.85	2.07	2.05	2.04	0.98
1972	Below Normal	2.05	2.05	2.06	2.14	0.12	0.04	(0.01)	(0.03)	0.02	(0.01)	0.01	0.03	0.71
1973	Above Normal	0.03	0.04	0.05	0.11	0.06	0.04	0.00	0.02	2.71	2.71	2.71	2.71	0.93
1974	Wet	2.73	2.74	2.76	(11.42)	(22.81)	0.00	5.13	(0.19)	2.49	2.49	2.48	2.54	(0.92)
1975	Wet	2.60	2.58	2.61	3.30	2.52	(3.32)	0.69	0.66	3.39	3.43	3.43	3.38	2.11
1976	Critical	3.40	3.37	3.34	3.24	0.18	(0.08)	(0.31)	(0.34)	(0.60)	(0.43)	(0.39)	(0.44)	0.91
1977	Critical	(0.40)	(0.38)	(0.29)	(0.02)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	(1.88)	(0.55)	0.94	3.50	5.51	3.88	2.11	1.13
1979	Below Normal	0.77	0.98	(0.49)	(4.74)	(30.28)	(16.74)	15.45	0.81	3.53	3.57	3.58	3.56	(1.67)
1980	Above Normal	3.63	3.54	3.50	(4.79)	(8.33)	0.00	(1.72)	(1.55)	1.06	0.96	0.94	1.18	(0.13)
1981	Dry	1.30	1.29	1.42	0.90	(4.15)	10.21	1.22	1.43	28.73	1.66	1.75	2.78	4.05
1982	Wet	2.74	2.76	2.73	2.54	0.08	0.00	0.00	0.01	2.70	2.70	2.70	2.71	1.81
1983	Wet	(6.62)	9.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.71	2.70	0.70
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	2.71	2.70	2.70	2.70	0.90
1985	Dry	2.71	2.72	2.70	2.73	0.00	0.00	0.00	0.00	1.97	1.98	1.98	1.98	1.56
1986	Wet	1.98	1.99	2.01	2.00	0.00	(9.55)	9.90	0.02	2.71	2.72	2.71	2.71	1.60
1987	Dry	2.72	2.73	2.75	(6.15)	0.01	0.02	(1.04)	(1.16)	(1.22)	(1.47)	(1.06)	(0.74)	(0.38)
1988	Critical	(0.42)	(0.33)	0.07	(0.27)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)
1989	Dry	0.00	0.00	0.00	(0.02)	(0.01)	(0.02)	(0.06)	(0.06)	(0.06)	0.00	0.01	0.75	0.04
1990	Critical	0.69	0.64	0.49	(0.01)	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.15
1991	Critical	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.18	0.13	0.09	0.04
1992	Critical	0.06	0.00	0.00	0.66	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.06
1993	Above Normal	0.17	0.00	0.63	0.00	(0.04)	(0.24)	(0.02)	0.03	2.73	2.99	2.93	2.85	1.00
1994	Critical	2.81	2.82	2.77	2.52	(0.17)	(0.07)	0.01	0.01	0.03	0.00	(0.39)	0.06	0.87
1995	Wet	1.41	1.93	0.00	0.03	(0.01)	0.00	0.00	0.00	2.70	2.70	2.70	2.70	1.18
1996	Wet	2.71	2.72	2.74	(22.00)	(17.18)	(10.26)	(1.38)	(1.34)	1.31	1.23	1.22	1.34	(3.24)
1997	Wet	1.35	1.43	1.56	(0.85)	(18.31)	0.01	0.56	0.20	2.90	2.91	2.92	2.91	(0.20)
1998	Wet	2.92	2.92	2.92	3.03	(0.03)	(0.05)	(0.06)	(0.87)	(0.95)	(1.01)	1.68	1.94	1.04
1999	Wet	4.42	(0.37)	1.41	(3.79)	(13.26)	(0.34)	(7.76)	0.09	2.79	2.80	2.81	2.79	(0.70)
2000	Above Normal	2.81	2.82	2.83	2.90	0.26	(0.89)	(0.25)	0.05	2.58	2.93	2.65	2.33	1.75
2001	Dry	2.09	2.15	1.94	1.30	(1.16)	(0.26)	0.23	0.26	0.77	0.82	0.73	0.66	0.79
2002	Dry	0.59	0.57	0.49	0.48	0.11	(0.04)	(0.21)	(0.20)	(0.19)	(0.19)	(0.20)	(0.19)	0.09
2003	Above Normal	(0.18)	(0.18)	(0.40)	0.66	0.57	0.21	(0.01)	(0.01)	1.83	1.82	1.82	1.82	0.66
	Average	2.52	2.90	2.86	0.53	(1.97)	(0.79)	0.40	(0.13)	0.96	1.55	1.41	1.26	0.96
	Wet	1.89	2.63	1.97	(1.36)	(2.49)	(0.85)	(0.30)	(0.21)	1.86	2.26	2.48	2.53	0.87
	Above Normal	1.52	1.51	1.88	3.60	(2.00)	(0.29)	(0.41)	0.06	2.30	3.47	3.04	2.52	1.43
	Below Normal	1.55	1.20	0.70	(1.66)	(4.73)	(1.18)	2.70	(0.39)	(3.80)	3.49	3.45	3.31	0.39
	Dry	4.70	5.59	6.43	2.34	(0.29)	(1.32)	0.03	(0.35)	2.77	0.36	0.34	0.46	1.76
	Critical	2.74	2.83	2.94	1.36	(0.11)	0.07	0.58	0.48	0.53	(2.40)	(3.33)	(3.91)	0.15

Percent Difference in Energy generated (GWh) at Castaic: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	64%	-1%	-1%	0%	0%	5%	4%	4%	4%
1923	Below Normal	5%	6%	7%	-39%	-29%	5%	37%	-10%	-93%	28%	31%	35%
1924	Critical	48%	49%	69%	56%	38%	13%	11%	13%	16%	-95%	-93%	-92%
1925	Dry	>1,000%	>1,000%	>1,000%	204%	21%	-58%	11%	-14%	-14%	-14%	-14%	-13%
1926	Dry	-16%	-17%	-19%	28%	2%	5%	11%	8%	9%	11%	11%	11%
1927	Wet	14%	37%	47%	30%	-15%	-1%	-2%	-2%	2%	1%	1%	2%
1928	Above Normal	2%	2%	3%	6%	-4%	-6%	-3%	1%	1%	18%	13%	8%
1929	Critical	5%	5%	-1%	-18%	-23%	-8%	9%	3%	4%	4%	-92%	-91%
1930	Dry	>1,000%	>1,000%	>1,000%	233%	-3%	-2%	-5%	-5%	-5%	-2%	-5%	-7%
1931	Critical	-18%	-23%	-38%	7%	-2%	0%	1%	1%	1%	1%	1%	-93%
1932	Dry	411%	>1,000%	>1,000%	49%	-1%	0%	0%	0%	6%	5%	5%	7%
1933	Critical	10%	12%	21%	21%	0%	4%	6%	7%	8%	7%	12%	15%
1934	Critical	56%	128%	>1,000%	13%	3%	-3%	-4%	-4%	-5%	-5%	0%	0%
1935	Below Normal	-7%	-28%	-35%	0%	1%	2%	2%	2%	7%	4%	4%	5%
1936	Below Normal	7%	7%	11%	14%	0%	0%	0%	0%	4%	4%	4%	4%
1937	Below Normal	5%	5%	6%	0%	-1%	0%	-2%	-2%	2%	2%	2%	2%
1938	Wet	3%	3%	-2%	28%	6%	3%	8%	-1%	-1%	3%	3%	3%
1939	Dry	4%	5%	5%	6%	0%	0%	-8%	2%	40%	3%	3%	4%
1940	Above Normal	5%	6%	17%	7%	-9%	-2%	0%	0%	4%	3%	4%	4%
1941	Wet	6%	6%	8%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1942	Wet	6%	7%	4%	-15%	-1%	0%	0%	0%	4%	4%	4%	4%
1943	Wet	5%	6%	7%	-3%	-6%	0%	3%	0%	4%	4%	4%	4%
1944	Dry	5%	5%	6%	0%	-6%	-2%	-1%	-1%	4%	3%	3%	4%
1945	Below Normal	6%	7%	14%	10%	0%	-1%	0%	0%	4%	4%	4%	4%
1946	Below Normal	5%	5%	4%	6%	0%	0%	0%	0%	5%	4%	4%	5%
1947	Dry	6%	6%	7%	6%	0%	-1%	0%	0%	3%	2%	2%	2%
1948	Below Normal	3%	3%	4%	4%	-2%	-1%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-2%	-2%	0%	0%	0%	107%	2%	2%	3%
1951	Above Normal	3%	4%	-3%	27%	-18%	0%	0%	0%	4%	4%	4%	4%
1952	Wet	5%	5%	6%	6%	0%	0%	0%	-2%	-2%	3%	3%	4%
1953	Wet	6%	6%	3%	-6%	23%	0%	-17%	-1%	4%	3%	4%	5%
1954	Above Normal	8%	8%	12%	11%	6%	5%	1%	1%	2%	1%	2%	2%
1955	Dry	3%	3%	5%	10%	0%	0%	-1%	-1%	0%	0%	0%	0%
1956	Wet	0%	0%	1%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1957	Above Normal	4%	5%	6%	12%	0%	0%	0%	0%	160%	3%	4%	4%
1958	Wet	6%	6%	10%	41%	0%	0%	0%	0%	4%	4%	4%	4%
1959	Below Normal	5%	5%	6%	5%	-16%	-4%	-2%	-2%	-43%	3%	4%	4%
1960	Dry	5%	6%	9%	12%	-1%	1%	0%	0%	0%	0%	0%	-1%
1961	Dry	-1%	-1%	0%	4%	3%	1%	0%	0%	0%	0%	0%	0%
1962	Below Normal	-12%	0%	-4%	0%	0%	0%	0%	0%	169%	3%	3%	4%
1963	Wet	6%	6%	9%	8%	0%	0%	0%	0%	4%	4%	4%	4%
1964	Dry	5%	6%	4%	8%	0%	1%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	5%	5%	5%	5%
1966	Below Normal	6%	6%	8%	4%	-1%	0%	0%	0%	4%	3%	3%	4%
1967	Wet	5%	6%	9%	17%	0%	0%	0%	0%	0%	4%	4%	4%
1968	Below Normal	5%	2%	-9%	-6%	0%	0%	0%	0%	4%	5%	4%	3%
1969	Wet	2%	3%	2%	-38%	-11%	0%	-1%	-1%	-1%	4%	4%	4%
1970	Wet	4%	7%	6%	24%	-4%	0%	-6%	0%	4%	4%	4%	5%
1971	Wet	5%	6%	7%	-16%	12%	0%	0%	0%	3%	3%	3%	4%
1972	Below Normal	5%	6%	9%	29%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	4%	4%	4%	4%
1974	Wet	5%	5%	6%	-15%	-27%	0%	7%	0%	4%	4%	4%	4%
1975	Wet	5%	5%	6%	6%	4%	-4%	1%	1%	5%	5%	5%	5%
1976	Critical	6%	6%	8%	6%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	-3%	-1%	1%	6%	9%	6%	4%
1979	Below Normal	2%	2%	-1%	-9%	-44%	-18%	26%	1%	6%	5%	5%	6%
1980	Above Normal	7%	7%	8%	-9%	-10%	0%	-3%	-3%	2%	2%	2%	2%
1981	Dry	3%	3%	4%	1%	-7%	17%	2%	2%	397%	2%	2%	4%
1982	Wet	6%	6%	9%	9%	0%	0%	0%	0%	4%	4%	4%	4%
1983	Wet	-10%	16%	0%	0%	0%	0%	0%	0%	0%	0%	7%	6%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1985	Dry	5%	5%	4%	6%	0%	0%	0%	0%	3%	3%	3%	3%
1986	Wet	4%	4%	5%	4%	0%	-10%	16%	0%	4%	4%	4%	4%
1987	Dry	5%	5%	6%	-11%	0%	0%	-3%	-3%	-3%	-3%	-3%	-3%
1988	Critical	-10%	-26%	70%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	1%
1990	Critical	1%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%
1992	Critical	5%	0%	0%	12%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	1%	0%	3%	0%	0%	0%	0%	0%	4%	4%	4%	5%
1994	Critical	6%	6%	8%	7%	-1%	0%	0%	0%	0%	0%	-1%	0%
1995	Wet	7%	3%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1996	Wet	5%	5%	6%	-33%	-24%	-13%	-2%	-2%	2%	2%	2%	2%
1997	Wet	2%	3%	3%	-1%	-23%	0%	1%	0%	5%	5%	4%	5%
1998	Wet	6%	6%	8%	5%	0%	0%	0%	-1%	-2%	-2%	3%	3%
1999	Wet	8%	-1%	3%	-7%	-16%	0%	-10%	0%	4%	4%	4%	4%
2000	Above Normal	5%	5%	6%	5%	0%	-2%	0%	0%	4%	4%	4%	4%
2001	Dry	5%	5%	7%	6%	-6%	-1%	1%	1%	2%	2%	2%	3%
2002	Dry	13%	37%	490%	480%	1%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	-1%	9%	4%	1%	0%	0%	131%	2%	3%	3%
	Average	9%	6%	11%	16%	-2%	-1%	1%	0%	13%	2%	1%	0%
	Wet	4%	6%	6%	2%	-3%	-1%	0%	0%	3%	3%	4%	4%
	Above Normal	3%	3%	4%	11%	-3%	-1%	-1%	0%	27%	5%	4%	4%
	Below Normal	2%	2%	1%	1%	-7%	-1%	4%	-1%	13%	5%	5%	6%
	Dry	25%	4%	29%	58%	0%	-2%	0%	-1%	25%	1%	1%	1%
	Critical	9%	13%	11%	8%	1%	0%	2%	2%	2%	-7%	-15%	-22%

Energy generated (GWh) at DCanyon: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	115.90	119.97	100.47	22.98	39.44	60.02	73.72	76.20	79.95	74.65	83.43	79.11	925.84
1923	Below Normal	78.09	71.07	62.85	98.81	86.56	104.44	67.34	85.20	85.16	81.19	93.33	90.08	1,004.12
1924	Critical	75.81	69.31	56.99	33.33	37.54	31.30	43.70	61.74	63.25	54.26	53.22	52.01	632.46
1925	Dry	32.71	25.70	20.64	11.04	17.67	34.19	71.59	94.48	94.26	89.86	101.25	98.25	691.64
1926	Dry	78.25	71.94	58.37	16.70	25.67	35.69	57.17	81.28	81.23	77.34	87.35	84.67	755.66
1927	Wet	67.58	61.97	50.26	19.07	38.80	71.46	79.83	83.77	87.86	81.84	90.23	85.38	818.05
1928	Above Normal	84.50	77.03	68.77	95.78	96.01	58.89	80.18	83.44	87.24	81.29	88.91	84.12	986.16
1929	Critical	82.45	75.37	67.41	90.19	87.57	45.53	35.65	56.04	57.28	49.32	48.39	45.19	740.39
1930	Dry	30.43	23.70	18.98	10.44	20.52	25.13	57.71	78.71	79.86	72.78	77.58	75.59	571.43
1931	Critical	54.58	47.61	38.86	13.31	21.12	23.08	50.84	71.71	73.18	62.87	61.81	59.52	578.49
1932	Dry	36.15	31.13	24.90	12.50	25.90	31.44	54.95	73.59	73.88	69.64	77.01	74.85	585.94
1933	Critical	57.87	52.43	42.63	14.08	22.37	30.03	57.80	81.52	83.23	73.00	74.06	72.45	661.47
1934	Critical	48.14	39.32	31.94	12.77	18.71	24.39	54.70	77.01	78.63	67.48	1.76	1.28	456.13
1935	Below Normal	30.30	97.42	74.19	12.06	23.57	30.48	71.32	94.90	18.75	99.28	110.44	107.32	770.03
1936	Below Normal	84.54	77.99	63.40	17.34	32.66	83.44	81.71	87.46	91.66	85.40	94.30	89.22	889.12
1937	Below Normal	88.26	80.52	71.84	102.17	101.59	107.21	79.96	82.64	86.71	81.20	90.31	85.28	1,057.69
1938	Wet	83.86	76.52	67.66	109.48	113.93	140.46	73.21	84.00	87.98	76.42	94.28	82.06	1,089.86
1939	Dry	80.53	73.11	63.28	96.92	73.49	136.00	82.08	89.96	1.49	97.38	47.44	117.85	959.53
1940	Above Normal	95.90	37.36	98.13	12.51	19.43	41.52	70.80	95.73	63.57	94.30	105.76	102.70	837.71
1941	Wet	81.61	74.96	60.83	33.60	43.74	117.99	66.10	69.77	73.18	69.03	79.03	74.84	844.68
1942	Wet	73.41	66.68	57.77	82.39	111.89	136.64	88.66	75.71	79.49	74.38	83.83	79.47	1,010.32
1943	Wet	78.54	71.36	62.76	97.70	113.45	93.44	83.73	85.77	89.73	84.14	94.41	89.51	1,044.54
1944	Dry	88.23	80.35	70.79	91.81	88.34	51.98	57.15	77.12	77.31	72.33	79.20	77.05	911.66
1945	Below Normal	58.42	52.33	42.63	17.27	26.45	139.96	81.54	83.77	87.92	81.93	90.29	85.43	847.94
1946	Below Normal	84.47	77.02	70.70	113.78	79.02	77.79	74.45	78.77	82.50	77.01	85.99	81.56	983.06
1947	Dry	80.70	73.47	65.14	96.80	102.26	59.36	77.61	91.65	93.50	88.13	97.57	93.91	1,020.10
1948	Below Normal	82.52	75.69	64.38	54.83	56.17	34.17	55.08	49.12	1.41	99.17	109.66	106.79	788.99
1949	Dry	84.03	77.30	62.87	18.29	27.34	33.42	77.70	90.04	92.40	86.87	96.01	92.23	838.50
1950	Below Normal	82.22	75.41	64.57	22.85	27.14	29.35	64.39	84.96	1.35	96.74	106.83	103.92	759.73
1951	Above Normal	81.73	75.21	61.19	132.92	108.49	135.49	75.39	81.40	85.36	79.52	88.80	84.27	1,089.77
1952	Wet	83.41	75.92	67.30	107.18	106.34	74.98	60.52	66.71	69.85	66.36	77.12	73.10	928.79
1953	Wet	71.44	64.67	90.26	107.53	109.85	136.25	95.33	78.24	79.38	74.92	84.73	81.20	1,073.80
1954	Above Normal	74.81	68.17	58.41	70.86	75.53	68.16	71.28	93.99	87.74	80.04	102.73	99.78	951.50
1955	Dry	79.46	72.91	59.12	20.75	32.32	38.19	59.20	78.60	78.38	74.91	84.07	81.59	759.50
1956	Wet	64.79	59.33	48.13	111.17	110.57	138.69	86.09	88.99	93.31	87.00	97.40	92.48	1,077.95
1957	Above Normal	91.48	83.32	73.70	117.65	112.95	69.04	58.59	37.22	1.62	92.61	101.57	99.00	938.75
1958	Wet	77.44	71.14	57.87	22.08	52.08	122.05	85.51	88.56	92.81	87.01	98.21	92.99	947.75
1959	Below Normal	91.65	83.36	73.13	97.99	98.95	114.85	67.88	89.28	1.54	95.70	106.68	103.59	1,024.60
1960	Dry	81.97	75.24	61.11	16.20	21.40	29.83	76.66	99.25	36.02	102.12	54.90	120.69	775.39
1961	Dry	96.58	88.70	72.70	24.05	30.62	29.33	63.92	84.30	84.43	80.39	60.81	25.07	740.90
1962	Below Normal	0.91	64.97	126.69	8.65	15.08	37.94	64.81	86.26	1.44	98.31	108.74	105.81	719.61
1963	Wet	83.23	76.53	62.23	44.87	53.21	66.97	73.36	78.08	81.75	76.34	85.24	80.89	862.70
1964	Dry	80.09	72.85	79.29	93.31	58.47	63.01	79.30	81.60	85.60	79.80	88.42	83.67	945.41
1965	Wet	82.94	75.48	67.21	90.32	95.15	74.18	72.01	76.26	74.30	74.71	83.35	79.17	945.08
1966	Below Normal	76.88	69.93	61.54	97.08	101.53	75.76	68.68	88.22	76.41	84.89	97.48	94.20	992.60
1967	Wet	77.46	70.87	57.77	27.83	58.02	69.99	79.09	82.78	86.74	81.21	91.06	86.25	869.07
1968	Below Normal	85.08	77.41	68.30	95.85	117.93	123.00	78.83	81.44	82.77	78.13	89.20	85.81	1,063.75
1969	Wet	75.44	68.87	57.72	66.25	126.59	142.68	74.05	77.07	80.84	76.10	87.35	82.86	1,015.82
1970	Wet	81.23	73.80	63.91	105.01	120.27	139.02	76.17	81.29	85.29	79.40	88.61	84.03	1,078.03
1971	Wet	83.24	75.72	67.15	98.29	115.13	90.32	65.87	87.96	85.80	83.59	96.02	92.94	1,042.03
1972	Below Normal	74.81	68.51	55.40	24.93	46.50	61.39	70.81	89.44	89.87	85.29	96.76	93.48	857.19
1973	Above Normal	77.85	71.34	58.73	35.69	66.33	75.65	78.71	84.13	88.32	82.06	91.00	86.18	895.99
1974	Wet	85.34	77.72	69.17	98.52	85.15	115.45	80.15	81.74	85.90	80.10	90.29	85.75	1,035.28
1975	Wet	84.68	76.91	67.66	112.61	112.86	101.27	79.72	82.21	86.32	80.22	88.40	83.75	1,056.61
1976	Critical	82.72	75.43	67.37	95.16	100.14	58.94	67.00	88.84	1.55	96.22	50.91	113.67	897.95
1977	Critical	89.08	81.83	66.61	15.95	21.36	21.04	5.60	1.12	1.78	1.82	1.78	1.33	309.30
1978	Above Normal	1.02	0.37	87.71	9.35	27.95	57.13	71.99	75.25	79.01	73.63	81.34	76.87	641.62
1979	Below Normal	76.05	69.12	61.53	95.90	96.21	77.29	76.36	79.34	83.36	77.68	86.20	81.61	960.65
1980	Above Normal	80.46	73.27	65.01	98.18	104.33	140.46	72.87	75.70	79.46	74.99	85.74	81.19	1,031.66
1981	Dry	79.62	72.26	62.62	112.20	114.97	76.42	65.01	87.75	1.80	99.88	92.14	110.44	975.11
1982	Wet	86.43	79.32	64.49	41.54	50.87	139.29	89.52	84.81	88.98	83.38	94.86	89.94	993.43
1983	Wet	88.59	80.50	131.64	115.72	106.09	142.69	59.29	62.37	65.58	62.22	72.99	69.26	1,056.94
1984	Wet	75.33	68.85	131.66	106.34	111.09	140.58	76.22	82.57	86.38	80.65	89.96	85.41	1,135.04
1985	Dry	84.46	76.96	74.58	112.52	104.12	87.67	73.57	77.78	81.80	76.08	84.17	79.65	1,013.36
1986	Wet	78.87	71.87	64.01	94.43	91.77	135.68	81.53	84.41	88.69	83.07	93.58	88.40	1,056.31
1987	Dry	87.00	79.29	69.59	112.09	112.16	62.55	56.79	80.04	81.84	70.04	69.10	67.65	948.14
1988	Critical	43.05	34.02	27.33	12.20	21.69	20.27	36.94	52.17	53.46	46.09	45.06	43.99	436.27
1989	Dry	27.65	21.51	17.27	10.40	18.46	20.13	74.39	99.49	48.10	99.90	93.51	111.95	642.76
1990	Critical	88.60	81.48	66.17	16.82	23.71	25.71	48.91	68.89	70.56	60.54	59.44	58.14	668.97
1991	Critical	36.75	28.88	23.20	11.42	17.46	19.85	37.79	48.84	14.24	55.37	53.58	52.56	399.94
1992	Critical	32.35	23.71	20.68	10.39	16.54	18.50	37.01	52.26	53.45	1.79	1.76	18.39	286.83
1993	Above Normal	67.10	0.81	89.98	10.20	43.18	58.27	72.09	83.09	27.38	86.48	96.68	92.60	727.86
1994	Critical	83.33	76.33	65.19	64.80	68.38	48.94	60.57	80.04	53.20	79.14	1.75	74.85	756.52
1995	Wet	0.88	18.60	128.62	8.55	38.60	52.74	84.64	87.33	91.56	85.70	95.71	90.60	783.53
1996	Wet	89.35	81.41	71.96	105.44	108.68	90.23	80.71	83.04	87.08	81.18	90.17	85.38	1,054.63
1997	Wet	84.46	76.99	68.43	110.72	93.76	135.71	74.55	77.29	80.93	75.87	85.86	81.48	1,046.05
1998	Wet	80.26	72.99	63.96	110.65	83.73	110.78	71.92	77.72	81.55	77.06	87.99	83.26	1,001.87
1999	Wet	81.50	81.98	81.06	108.61	77.59	116.44	76.74	81.61	85.43	79.94	89.23	84.58	1,044.71
2000	Above Normal	83.70	76.25	67.64	103.87	100.13	74.82	73.30	93.11	93.56	89.20	99.97	96.68	1,052.23
2001	Dry	79.99	73.44	60.63	31.94	35.31	31.62	57.60	81.50	83.23	71.58	70.55	69.02	746.41
2002	Dry	43.63	34.60	27.80	16.35	31.20	40.26	81.20	83.30	87.21	81.47	89.08	84.14	700.24
2003	Above Normal	83.14	28.75	92.56	19.45	31.79	39.66	60.56	80.38	1.08	91.89	101.04	98.34	728.64
	Average	72.67	66.02	64.74	61.21	66.60	74.71	68.75	79.04	68.39	78.08	81.79	81.97	863.98
	Wet	76.97	71.19	72.37	82.15	89.59	111.38	77.48	80.39	83.72	78.53	88.84	84.04	996.65
	Above Normal	78.13	59.32	76.86	60.79	68.80	73.26	71.62	79.97	64.52	83.39	93.91	90.07	900.64
	Below Normal	71.01	74.34	68.65	61.39	64.95	78.36	71.65	82.91	56.49	87.28	97.59	93.86	908.51
	Dry	69.53	62.47	53.87	50.24	52.23	49.23	67.98	85.02	70.13	82.81	80.56	86.02	810.09
	Critical	64.56	57.14	47.87	32.54	38.05	30.63	44.71	61.68	50.32	53.99	37.79	49.45	568.73

Energy generated (GWh) at DCanyon: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	115.90	119.97	100.47	30.67	39.99	60.47	74.98	78.17	85.92	80.75	91.13	86.69	965.11
1923	Below Normal	85.39	77.96	68.62	123.75	106.58	136.75	92.51	1.17	5.03	104.87	117.28	113.09	1,033.00
1924	Critical	98.97	91.08	77.32	55.82	56.06	38.44	50.82	71.81	30.97	1.80	1.72	1.28	576.09
1925	Dry	28.09	80.76	128.69	14.43	23.27	30.31	60.25	79.73	81.27	77.60	86.68	84.15	775.23
1926	Dry	67.05	61.77	50.45	19.32	26.02	37.29	56.44	88.19	80.29	85.47	96.10	93.27	761.66
1927	Wet	45.00	76.55	62.29	20.35	36.89	71.00	78.15	81.76	89.60	83.74	91.86	87.10	824.29
1928	Above Normal	86.23	78.95	70.91	99.43	95.81	57.52	78.28	90.40	4.11	99.40	108.97	104.55	974.56
1929	Critical	93.84	86.49	74.79	65.88	64.43	38.73	40.78	58.03	59.36	32.25	1.77	1.27	617.62
1930	Dry	21.11	13.59	105.45	11.54	19.97	25.10	58.16	80.11	67.60	75.11	78.34	76.58	632.66
1931	Critical	53.31	45.35	36.97	13.86	21.04	23.57	51.20	72.23	73.71	63.32	34.46	1.22	490.24
1932	Dry	13.02	52.14	74.14	12.67	25.99	32.45	54.90	73.51	77.63	73.43	80.82	78.66	649.36
1933	Critical	61.73	56.31	46.50	18.17	22.48	31.11	57.84	80.28	82.76	74.10	77.03	75.26	683.57
1934	Critical	39.94	29.08	51.46	14.23	19.06	23.22	51.89	73.04	74.58	64.04	1.76	1.28	443.58
1935	Below Normal	64.69	78.12	60.16	11.80	23.70	30.74	73.14	97.36	46.12	102.34	113.82	110.77	812.76
1936	Below Normal	88.34	81.42	66.78	21.07	32.40	72.60	81.82	87.56	95.60	89.34	98.26	93.18	908.37
1937	Below Normal	92.21	84.47	75.77	102.13	101.57	121.73	78.68	81.36	89.22	83.84	92.94	87.97	1,091.89
1938	Wet	86.53	79.27	66.62	89.97	88.78	145.10	72.38	75.38	79.32	78.39	89.53	85.13	1,036.40
1939	Dry	83.58	76.23	66.43	99.23	73.40	132.09	73.99	91.24	4.92	100.51	48.08	120.79	970.49
1940	Above Normal	99.18	7.14	112.19	12.49	16.44	40.72	70.76	95.67	66.83	98.08	109.53	106.47	835.50
1941	Wet	85.38	78.73	63.73	33.62	43.74	109.90	66.10	69.77	77.02	72.88	82.87	78.69	862.43
1942	Wet	77.25	70.53	59.54	96.53	112.38	135.75	88.77	75.50	83.11	78.00	87.34	83.00	1,047.70
1943	Wet	82.09	74.94	66.42	98.51	115.25	96.28	85.67	85.80	93.60	87.97	98.06	93.17	1,077.76
1944	Dry	91.91	84.06	74.61	85.25	78.98	48.87	57.20	77.30	80.39	75.24	81.95	79.83	915.59
1945	Below Normal	60.98	54.80	45.18	20.09	26.45	121.05	81.66	83.89	91.89	85.89	94.26	89.39	855.53
1946	Below Normal	88.43	80.97	75.74	117.62	79.02	78.08	74.79	79.13	86.72	81.20	90.23	85.77	1,017.70
1947	Dry	84.91	77.66	69.28	101.33	102.37	59.43	77.52	92.01	96.18	90.84	100.37	96.75	1,048.65
1948	Below Normal	84.94	78.12	66.67	55.69	54.79	33.67	55.14	52.36	1.41	99.16	109.70	106.81	798.46
1949	Dry	84.07	77.34	62.90	18.28	27.32	33.37	77.69	90.15	92.55	87.04	96.20	92.43	839.34
1950	Below Normal	82.30	75.50	64.61	21.98	26.31	29.09	64.38	84.94	3.63	99.00	109.09	106.18	767.01
1951	Above Normal	84.00	77.47	61.18	110.39	126.26	135.49	75.39	81.40	89.20	83.37	92.64	88.12	1,104.91
1952	Wet	87.26	79.76	71.14	109.40	106.33	74.97	60.51	64.12	67.06	67.37	77.01	73.22	938.15
1953	Wet	71.88	65.42	102.90	125.23	101.70	119.15	76.56	76.41	82.44	77.89	87.31	83.70	1,070.59
1954	Above Normal	78.44	71.79	62.45	79.47	79.70	70.83	71.81	94.70	95.79	80.48	104.79	101.80	992.05
1955	Dry	81.48	74.90	61.04	22.47	32.29	38.05	58.71	77.95	78.33	74.89	83.97	81.51	765.59
1956	Wet	64.84	59.42	48.31	83.95	110.60	138.74	86.15	89.06	97.22	90.91	101.30	96.39	1,066.89
1957	Above Normal	95.39	87.22	77.59	117.25	112.95	69.00	58.62	37.72	5.26	96.24	105.22	102.65	965.11
1958	Wet	81.08	74.78	61.51	25.72	52.08	121.85	85.51	88.56	96.66	90.86	102.06	96.84	977.51
1959	Below Normal	95.49	87.20	76.97	101.60	110.55	113.48	66.10	87.00	4.27	99.05	109.55	106.57	1,057.83
1960	Dry	84.63	77.87	63.79	18.66	21.16	30.08	76.76	98.91	42.85	100.46	60.56	117.34	793.07
1961	Dry	94.61	86.72	71.19	25.72	32.11	29.90	64.07	84.50	84.63	80.59	62.69	24.99	741.72
1962	Below Normal	0.91	65.11	129.09	8.65	15.08	37.94	64.81	86.27	5.17	102.04	112.46	109.54	737.07
1963	Wet	86.96	80.26	65.95	48.60	53.21	66.97	73.36	78.08	85.60	80.18	89.08	84.73	892.98
1964	Dry	83.94	76.69	83.15	97.17	58.53	63.05	79.26	81.56	85.62	79.82	88.43	83.69	960.91
1965	Wet	82.96	75.51	67.23	90.67	95.34	73.83	72.05	76.48	75.27	79.00	87.67	83.49	959.50
1966	Below Normal	81.03	74.07	65.60	100.37	100.98	75.52	68.69	88.25	79.61	87.91	100.51	97.23	1,019.77
1967	Wet	80.47	73.88	60.77	30.76	57.97	69.99	79.12	82.72	86.67	84.98	94.79	90.00	892.12
1968	Below Normal	88.83	78.92	72.08	107.77	118.00	123.99	79.29	83.52	87.66	83.18	94.95	91.65	1,109.84
1969	Wet	79.04	72.51	60.64	58.19	117.57	142.68	73.59	76.61	80.37	79.51	90.75	86.28	1,017.74
1970	Wet	84.64	77.24	67.38	88.73	118.76	139.34	76.19	81.60	89.45	83.54	92.78	88.18	1,087.83
1971	Wet	87.39	79.84	71.25	118.77	107.02	90.58	65.71	87.75	85.87	86.48	98.87	95.79	1,075.32
1972	Below Normal	77.63	71.33	58.23	27.82	46.54	61.40	70.79	89.38	89.87	85.29	96.77	93.48	868.53
1973	Above Normal	77.89	71.38	58.78	35.86	66.42	75.70	78.71	84.14	92.18	85.92	94.86	90.04	911.88
1974	Wet	89.19	81.58	73.02	118.51	111.25	103.80	85.24	81.16	89.12	83.31	93.23	88.74	1,098.15
1975	Wet	87.74	80.05	71.00	113.36	109.77	97.48	80.55	83.06	91.05	84.89	93.15	88.45	1,080.55
1976	Critical	87.42	80.06	71.91	99.97	101.03	59.16	66.60	88.33	1.55	95.71	52.17	112.71	916.62
1977	Critical	88.28	81.07	65.96	15.90	21.32	21.03	10.51	1.12	1.78	1.82	1.78	1.33	311.90
1978	Above Normal	1.02	0.99	86.86	9.35	27.98	55.96	71.80	79.39	86.18	80.97	89.54	85.48	675.52
1979	Below Normal	80.66	73.81	64.79	82.20	81.69	82.42	77.40	80.09	87.98	82.19	90.63	86.01	969.87
1980	Above Normal	84.91	77.67	69.47	96.13	108.35	135.34	69.26	72.74	80.17	75.78	85.63	81.28	1,036.73
1981	Dry	79.90	72.86	63.93	114.65	112.08	82.89	66.64	89.99	5.32	102.73	88.15	115.01	994.15
1982	Wet	90.96	83.80	68.77	45.26	51.11	139.23	89.54	84.82	92.84	87.24	98.72	93.80	1,026.09
1983	Wet	92.45	80.51	131.64	115.72	105.76	142.69	59.29	62.37	65.58	62.22	76.84	73.10	1,068.17
1984	Wet	75.33	68.85	131.66	106.34	111.48	140.58	76.23	82.57	90.23	84.50	93.81	89.26	1,150.84
1985	Dry	88.31	80.80	78.43	116.36	104.12	87.67	73.57	77.79	84.61	78.89	86.99	82.46	1,040.00
1986	Wet	81.69	74.68	66.83	97.25	91.77	89.24	81.58	84.46	92.58	86.96	97.48	92.30	1,036.82
1987	Dry	90.89	83.17	73.47	126.06	112.16	62.59	54.67	77.05	78.89	67.53	66.61	65.20	958.29
1988	Critical	41.51	32.79	26.36	12.10	21.50	20.21	36.95	52.17	53.46	46.09	45.06	43.99	432.19
1989	Dry	27.65	21.51	17.27	10.39	18.43	20.10	74.31	99.39	47.06	99.90	87.35	113.04	636.40
1990	Critical	89.39	82.19	66.76	16.81	23.71	25.71	48.92	68.91	70.57	60.55	59.45	58.15	671.12
1991	Critical	36.76	28.89	23.21	11.42	17.45	19.85	37.78	46.88	14.13	55.69	53.85	52.84	398.75
1992	Critical	32.50	21.86	22.02	10.39	16.53	18.50	37.00	52.25	53.44	1.79	1.76	17.86	285.90
1993	Above Normal	66.39	0.81	90.26	10.20	43.13	58.12	72.09	83.23	29.10	90.65	100.88	96.81	741.67
1994	Critical	87.37	80.36	69.16	68.11	67.94	48.82	60.58	80.05	53.50	79.16	1.78	74.81	771.64
1995	Wet	0.92	15.42	128.17	8.59	38.59	52.73	84.64	87.33	95.40	89.54	99.55	94.44	795.32
1996	Wet	93.20	85.25	75.81	60.52	66.59	72.04	78.96	81.26	89.05	83.27	92.13	87.45	965.53
1997	Wet	86.59	79.24	70.86	110.42	113.57	135.54	74.77	77.51	85.00	79.92	89.91	85.52	1,088.85
1998	Wet	84.31	77.02	67.98	115.42	83.77	110.65	71.86	75.07	78.71	74.18	87.84	83.33	1,010.14
1999	Wet	89.69	82.69	89.12	126.27	98.42	106.46	76.37	81.75	89.41	83.92	93.24	88.58	1,105.92
2000	Above Normal	87.71	80.24	71.60	108.15	100.69	74.37	73.16	93.80	97.72	93.41	104.33	101.09	1,086.27
2001	Dry	83.58	77.04	64.01	32.35	32.43	30.88	58.08	82.17	84.59	72.84	71.80	70.26	760.03
2002	Dry	44.66	35.57	28.70	17.06	31.19	40.21	80.94	83.03	86.97	81.25	88.84	83.92	702.34
2003	Above Normal	82.91	33.82	87.40	20.42	32.64	39.97	60.54	80.37	3.69	94.48	103.63	100.93	740.80
	Average	74.77	68.58	70.48	62.37	66.56	73.55	68.75	77.98	67.90	79.84	82.87	82.88	876.54
	Wet	79.03	74.14	75.79	82.18	88.45	107.18	76.88	79.65	85.70	81.60	91.81	87.33	1,009.75
	Above Normal	80.00	58.95	79.10	60.82	70.86	72.79	71.28	80.98	61.35	88.29	99.26	95.49	919.18
	Below Normal	76.56	75.84	70.74	64.47	65.98	79.89	73.51	77.31	55.30	91.81	102.18	98.40	931.97
	Dry	68.52	67.26	68.72	52.39	51.77	49.13	66.84	84.70	69.98	83.56	80.77	86.66	830.30
	Critical	67.59	59.63	52.70	33.56	37.71	30.70	45.91	62.09	47.48	48.03	27.72	36.83	549.94

Difference in Energy generated (GWh) at DCanyon: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	7.69	0.55	0.45	1.26	1.97	5.97	6.10	7.70	7.58	3.27
1923	Below Normal	7.30	6.89	5.77	24.94	20.02	32.31	25.17	(84.03)	(80.13)	23.68	23.95	23.01	2.41
1924	Critical	23.16	21.77	20.33	22.49	18.52	7.14	7.12	10.07	(32.28)	(52.46)	(51.50)	(50.73)	(4.70)
1925	Dry	(4.62)	55.06	108.05	3.39	5.60	(3.88)	(11.34)	(14.75)	(12.99)	(12.26)	(14.57)	(14.10)	6.97
1926	Dry	(11.20)	(10.17)	(7.92)	2.62	0.35	1.60	(0.73)	6.91	(0.94)	8.13	8.75	8.60	0.50
1927	Wet	(22.58)	14.58	12.03	1.28	(1.91)	(0.46)	(1.68)	(2.01)	1.74	1.90	1.63	1.72	0.52
1928	Above Normal	1.73	1.92	2.14	3.65	(0.20)	(1.37)	(1.90)	6.96	(83.13)	18.11	20.06	20.43	(0.97)
1929	Critical	11.39	11.12	7.38	(24.31)	(23.14)	(6.80)	5.13	1.99	2.08	(17.07)	(46.62)	(43.92)	(10.23)
1930	Dry	(9.32)	(10.11)	86.47	1.10	(0.55)	(0.03)	0.45	1.40	(12.26)	2.33	0.76	0.99	5.10
1931	Critical	(1.27)	(2.26)	(1.89)	0.55	(0.08)	0.49	0.36	0.52	0.53	0.45	(27.35)	(58.30)	(7.35)
1932	Dry	(23.13)	21.01	49.24	0.17	0.09	1.01	(0.05)	(0.08)	3.75	3.79	3.81	3.81	5.29
1933	Critical	3.86	3.88	3.87	4.09	0.11	1.08	0.04	(1.24)	(0.47)	1.10	2.97	2.81	1.84
1934	Critical	(8.20)	(10.24)	19.52	1.46	0.35	(1.17)	(2.81)	(3.97)	(4.05)	(3.44)	0.00	0.00	(1.05)
1935	Below Normal	34.39	(19.30)	(14.03)	(0.26)	0.13	0.26	1.82	2.46	27.37	3.06	3.38	3.45	3.56
1936	Below Normal	3.80	3.43	3.38	3.73	(0.26)	(10.84)	0.11	0.10	3.94	3.94	3.96	3.96	1.60
1937	Below Normal	3.95	3.95	3.93	(0.04)	(0.02)	14.52	(1.28)	(1.28)	2.51	2.64	2.63	2.69	2.85
1938	Wet	2.67	2.75	(1.04)	(19.51)	(25.15)	4.64	(0.83)	(8.62)	(8.66)	1.97	(4.75)	3.07	(4.46)
1939	Dry	3.05	3.12	3.15	2.31	(0.09)	(3.91)	(8.09)	1.28	3.43	3.13	0.64	2.94	0.91
1940	Above Normal	3.28	(30.22)	14.06	(0.02)	(2.99)	(0.80)	(0.04)	(0.06)	3.26	3.78	3.77	3.77	(0.18)
1941	Wet	3.77	3.77	2.90	0.02	0.00	(8.09)	0.00	0.00	3.84	3.85	3.84	3.85	1.48
1942	Wet	3.84	3.85	1.77	14.14	0.49	(0.89)	0.11	(0.21)	3.62	3.62	3.51	3.53	3.12
1943	Wet	3.55	3.58	3.66	0.81	1.80	2.84	1.94	0.03	3.87	3.83	3.65	3.66	2.77
1944	Dry	3.68	3.71	3.82	(6.56)	(9.36)	(3.11)	0.05	0.18	3.08	2.91	2.75	2.78	0.33
1945	Below Normal	2.56	2.47	2.55	2.82	0.00	(18.91)	0.12	0.12	3.97	3.96	3.97	3.96	0.63
1946	Below Normal	3.96	3.95	5.04	3.84	0.00	0.29	0.34	0.36	4.22	4.19	4.24	4.21	2.89
1947	Dry	4.21	4.19	4.14	4.53	0.11	0.07	(0.09)	0.36	2.68	2.71	2.80	2.84	2.38
1948	Below Normal	2.42	2.43	2.29	0.86	(1.38)	(0.50)	0.06	3.24	0.00	(0.01)	0.04	0.02	0.79
1949	Dry	0.04	0.04	0.03	(0.01)	(0.02)	(0.05)	(0.01)	0.11	0.15	0.17	0.19	0.20	0.07
1950	Below Normal	0.08	0.09	0.04	(0.87)	(0.83)	(0.26)	(0.01)	(0.02)	2.28	2.26	2.26	2.26	0.61
1951	Above Normal	2.27	2.26	(0.01)	(22.53)	17.77	0.00	0.00	0.00	3.84	3.85	3.84	3.85	1.26
1952	Wet	3.85	3.84	3.84	2.22	(0.01)	(0.01)	(0.01)	(2.59)	(2.79)	1.01	(0.11)	0.12	0.78
1953	Wet	0.44	0.75	12.64	17.70	(8.15)	(17.10)	(18.77)	(1.83)	3.06	2.97	2.58	2.50	(0.27)
1954	Above Normal	3.63	3.62	4.04	8.61	4.17	2.67	0.53	0.71	8.05	0.44	2.06	2.02	3.38
1955	Dry	2.02	1.99	1.92	1.72	(0.03)	(0.14)	(0.49)	(0.65)	(0.05)	(0.02)	(0.10)	(0.08)	0.51
1956	Wet	0.05	0.09	0.18	(27.22)	0.03	0.05	0.06	0.07	3.91	3.91	3.90	3.91	(0.92)
1957	Above Normal	3.91	3.90	3.89	(0.40)	0.00	(0.04)	0.03	0.50	3.64	3.63	3.65	3.65	2.20
1958	Wet	3.64	3.64	3.64	3.64	0.00	(0.20)	0.00	0.00	3.85	3.85	3.85	3.85	2.48
1959	Below Normal	3.84	3.84	3.84	3.61	11.60	(1.37)	(1.78)	(2.28)	2.73	3.35	2.87	2.98	2.77
1960	Dry	2.66	2.63	2.68	2.46	(0.24)	0.25	0.10	(0.34)	6.83	(1.66)	5.66	(3.35)	1.47
1961	Dry	(1.97)	(1.98)	(1.51)	1.67	1.49	0.57	0.15	0.20	0.20	0.20	1.88	(0.08)	0.07
1962	Below Normal	0.00	0.14	2.40	0.00	0.00	0.00	0.00	0.01	3.73	3.73	3.72	3.73	1.46
1963	Wet	3.73	3.73	3.72	3.73	0.00	0.00	0.00	0.00	3.85	3.84	3.84	3.84	2.52
1964	Dry	3.85	3.84	3.86	3.86	0.06	0.04	(0.04)	(0.04)	0.02	0.02	0.01	0.02	1.29
1965	Wet	0.02	0.03	0.02	0.35	0.19	(0.35)	0.04	0.22	0.97	4.29	4.32	4.32	1.20
1966	Below Normal	4.15	4.14	4.06	3.29	(0.55)	(0.24)	0.01	0.03	3.20	3.02	3.03	3.03	2.26
1967	Wet	3.01	3.01	3.00	2.93	(0.05)	0.00	0.03	(0.06)	(0.07)	3.77	3.73	3.75	1.92
1968	Below Normal	3.75	1.51	3.78	11.92	0.07	0.99	0.46	2.08	4.89	5.05	5.75	5.84	3.84
1969	Wet	3.60	3.64	2.92	(8.06)	(9.02)	0.00	(0.46)	(0.46)	(0.47)	3.41	3.40	3.42	0.16
1970	Wet	3.41	3.44	3.47	(16.28)	(1.51)	0.32	0.02	0.31	4.16	4.14	4.17	4.15	0.82
1971	Wet	4.15	4.12	4.10	20.48	(8.11)	0.26	(0.16)	(0.21)	0.07	2.89	2.85	2.85	2.77
1972	Below Normal	2.82	2.82	2.83	2.89	0.04	0.01	(0.02)	(0.06)	0.00	0.00	0.01	0.00	0.94
1973	Above Normal	0.04	0.04	0.05	0.17	0.09	0.05	0.00	0.01	3.86	3.86	3.86	3.86	1.32
1974	Wet	3.85	3.86	3.85	19.99	26.10	(11.65)	5.09	(0.58)	3.22	3.21	2.94	2.99	5.24
1975	Wet	3.06	3.14	3.34	0.75	(3.09)	(3.79)	0.83	0.85	4.73	4.67	4.75	4.70	2.00
1976	Critical	4.70	4.63	4.54	4.81	0.89	0.22	(0.40)	(0.51)	0.00	(0.51)	1.26	(0.96)	1.56
1977	Critical	(0.80)	(0.76)	(0.65)	(0.05)	(0.04)	(0.01)	4.91	0.00	0.00	0.00	0.00	0.00	0.22
1978	Above Normal	0.00	0.62	(0.85)	0.00	0.03	(1.17)	(0.19)	4.14	7.17	7.34	8.20	8.61	2.83
1979	Below Normal	4.61	4.69	3.26	(13.70)	(14.52)	5.13	1.04	0.75	4.62	4.51	4.43	4.40	0.77
1980	Above Normal	4.45	4.40	4.46	(2.05)	4.02	(5.12)	(3.61)	(2.96)	0.71	0.79	(0.11)	0.09	0.42
1981	Dry	0.28	0.60	1.31	2.45	(2.89)	6.47	1.63	2.24	3.52	2.85	(3.99)	4.57	1.59
1982	Wet	4.53	4.48	4.28	3.72	0.24	(0.06)	0.02	0.01	3.86	3.86	3.86	3.86	2.72
1983	Wet	3.86	0.01	0.00	0.00	(0.33)	0.00	0.00	0.00	0.00	0.00	3.85	3.84	0.94
1984	Wet	0.00	0.00	0.00	0.00	0.39	0.00	0.01	0.00	3.85	3.85	3.85	3.85	1.32
1985	Dry	3.85	3.84	3.85	3.84	0.00	0.00	0.00	0.01	2.81	2.81	2.82	2.81	2.22
1986	Wet	2.82	2.81	2.82	2.82	0.00	(46.44)	0.05	0.05	3.89	3.89	3.90	3.90	(1.62)
1987	Dry	3.89	3.88	3.88	13.97	0.00	0.04	(2.12)	(2.99)	(2.95)	(2.51)	(2.49)	(2.45)	0.85
1988	Critical	(1.54)	(1.23)	(0.97)	(0.10)	(0.19)	(0.06)	0.01	0.00	0.00	0.00	0.00	0.00	(0.34)
1989	Dry	0.00	0.00	0.00	(0.01)	(0.03)	(0.03)	(0.08)	(0.10)	(1.04)	0.00	(6.16)	1.09	(0.53)
1990	Critical	0.79	0.71	0.59	(0.01)	0.00	0.00	0.01	0.02	0.01	0.01	0.01	0.01	0.18
1991	Critical	0.01	0.01	0.01	0.00	(0.01)	0.00	(0.01)	(1.96)	(0.11)	0.32	0.27	0.28	(0.10)
1992	Critical	0.15	(1.85)	1.34	0.00	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	(0.53)	(0.08)
1993	Above Normal	(0.71)	0.00	0.28	0.00	(0.05)	(0.15)	0.00	0.14	1.72	4.17	4.20	4.21	1.15
1994	Critical	4.04	4.03	3.97	3.31	(0.44)	(0.12)	0.01	0.01	0.30	0.02	0.03	(0.04)	1.26
1995	Wet	0.04	(3.18)	(0.45)	0.04	(0.01)	(0.01)	0.00	0.00	3.84	3.84	3.84	3.84	0.98
1996	Wet	3.85	3.84	3.85	(44.92)	(42.09)	(18.19)	(1.75)	(1.78)	1.97	2.09	1.96	2.07	(7.43)
1997	Wet	2.13	2.25	2.43	(0.30)	19.81	(0.17)	0.22	0.22	4.07	4.05	4.05	4.04	3.57
1998	Wet	4.05	4.03	4.02	4.77	0.04	(0.13)	(0.06)	(2.65)	(2.84)	(2.88)	(0.15)	0.07	0.69
1999	Wet	8.19	0.71	8.06	17.66	20.83	(9.98)	(0.37)	0.14	3.98	3.98	4.01	4.00	5.10
2000	Above Normal	4.01	3.99	3.96	4.28	0.56	(0.45)	(0.14)	0.69	4.16	4.21	4.36	4.41	2.84
2001	Dry	3.59	3.60	3.38	0.41	(2.88)	(0.74)	0.48	0.67	1.36	1.26	1.25	1.24	1.14
2002	Dry	1.03	0.97	0.90	0.71	(0.01)	(0.05)	(0.26)	(0.27)	(0.24)	(0.22)	(0.24)	(0.22)	0.18
2003	Above Normal	(0.23)	5.07	(5.16)	0.97	0.85	0.31	(0.02)	(0.01)	2.61	2.59	2.59	2.59	1.01
	Average	2.09	2.55	5.74	1.16	(0.03)	(1.16)	0.00	(1.05)	(0.49)	1.76	1.08	0.91	1.05
	Wet	2.06	2.95	3.43	0.03	(1.14)	(4.21)	(0.60)	(0.73)	1.98	3.07	2.97	3.30	1.09
	Above Normal	1.87	(0.37)	2.24	0.03	2.07	(0.47)	(0.34)	1.01	(3.18)	4.91	5.35	5.42	1.54
	Below Normal	5.55	1.50	2.08	3.07	1.02	1.53	1.86	(5.61)	(1.19)	4.53	4.59	4.54	1.96
	Dry	(1.01)	4.79	14.85	2.15	(0.47)	(0.10)	(1.14)	(0.33)	(0.15)	0.76	0.21	0.65	1.69
	Critical	3.02	2.48	4.84	1.02	(0.34)	0.06	1.20	0.41	(2.83)	(5.97)	(10.08)	(12.62)	(1.57)

Percent Difference in Energy generated (GWh) at DCanyon: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	33%	1%	1%	2%	3%	7%	8%	9%	10%
1923	Below Normal	9%	10%	9%	25%	23%	31%	37%	-99%	-94%	29%	26%	26%
1924	Critical	31%	31%	36%	67%	49%	23%	16%	16%	-51%	-97%	-97%	-98%
1925	Dry	-14%	214%	523%	31%	32%	-11%	-16%	-16%	-14%	-14%	-14%	-14%
1926	Dry	-14%	-14%	-14%	16%	1%	4%	-1%	9%	-1%	11%	10%	10%
1927	Wet	-33%	24%	24%	7%	-5%	-1%	-2%	-2%	2%	2%	2%	2%
1928	Above Normal	2%	2%	3%	4%	0%	-2%	-2%	8%	-95%	22%	23%	24%
1929	Critical	14%	15%	11%	-27%	-26%	-15%	14%	4%	4%	-35%	-96%	-97%
1930	Dry	-31%	-43%	456%	11%	-3%	0%	1%	2%	-15%	3%	1%	1%
1931	Critical	-2%	-5%	-5%	4%	0%	2%	1%	1%	1%	1%	-44%	-98%
1932	Dry	-64%	67%	198%	1%	0%	3%	0%	0%	5%	5%	5%	5%
1933	Critical	7%	7%	9%	29%	0%	4%	0%	-2%	-1%	2%	4%	4%
1934	Critical	-17%	-26%	61%	11%	2%	-5%	-5%	-5%	-5%	-5%	0%	0%
1935	Below Normal	113%	-20%	-19%	-2%	1%	1%	3%	3%	146%	3%	3%	3%
1936	Below Normal	4%	4%	5%	22%	-1%	-13%	0%	0%	4%	5%	4%	4%
1937	Below Normal	4%	5%	5%	0%	0%	14%	-2%	-2%	3%	3%	3%	3%
1938	Wet	3%	4%	-2%	-18%	-22%	3%	-1%	-10%	-10%	3%	-5%	4%
1939	Dry	4%	4%	5%	2%	0%	-3%	-10%	1%	230%	3%	1%	2%
1940	Above Normal	3%	-81%	14%	0%	-15%	-2%	0%	0%	5%	4%	4%	4%
1941	Wet	5%	5%	5%	0%	0%	-7%	0%	0%	5%	6%	5%	5%
1942	Wet	5%	6%	3%	17%	0%	-1%	0%	0%	5%	5%	4%	4%
1943	Wet	5%	5%	6%	1%	2%	3%	2%	0%	4%	5%	4%	4%
1944	Dry	4%	5%	5%	-7%	-11%	-6%	0%	0%	4%	4%	3%	4%
1945	Below Normal	4%	5%	6%	16%	0%	-14%	0%	0%	5%	5%	4%	5%
1946	Below Normal	5%	5%	7%	3%	0%	0%	0%	0%	5%	5%	5%	5%
1947	Dry	5%	6%	6%	5%	0%	0%	0%	0%	3%	3%	3%	3%
1948	Below Normal	3%	3%	4%	2%	-2%	-1%	0%	7%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-4%	-3%	-1%	0%	0%	169%	2%	2%	2%
1951	Above Normal	3%	3%	0%	-17%	16%	0%	0%	0%	4%	5%	4%	5%
1952	Wet	5%	5%	6%	2%	0%	0%	0%	-4%	-4%	2%	0%	0%
1953	Wet	1%	1%	14%	16%	-7%	-13%	-20%	-2%	4%	4%	3%	3%
1954	Above Normal	5%	5%	7%	12%	6%	4%	1%	1%	9%	1%	2%	2%
1955	Dry	3%	3%	3%	8%	0%	0%	-1%	-1%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	-24%	0%	0%	0%	0%	4%	4%	4%	4%
1957	Above Normal	4%	5%	5%	0%	0%	0%	0%	1%	225%	4%	4%	4%
1958	Wet	5%	5%	6%	16%	0%	0%	0%	0%	4%	4%	4%	4%
1959	Below Normal	4%	5%	5%	4%	12%	-1%	-3%	-3%	177%	4%	3%	3%
1960	Dry	3%	3%	4%	15%	-1%	1%	0%	0%	19%	-2%	10%	-3%
1961	Dry	-2%	-2%	-2%	7%	5%	2%	0%	0%	0%	0%	3%	0%
1962	Below Normal	0%	0%	2%	0%	0%	0%	0%	0%	259%	4%	3%	4%
1963	Wet	4%	5%	6%	8%	0%	0%	0%	0%	5%	5%	5%	5%
1964	Dry	5%	5%	5%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	1%	6%	5%	5%
1966	Below Normal	5%	6%	7%	3%	-1%	0%	0%	0%	4%	4%	3%	3%
1967	Wet	4%	4%	5%	11%	0%	0%	0%	0%	0%	5%	4%	4%
1968	Below Normal	4%	2%	6%	12%	0%	1%	1%	3%	6%	6%	6%	7%
1969	Wet	5%	5%	5%	-12%	-7%	0%	-1%	-1%	-1%	4%	4%	4%
1970	Wet	4%	5%	5%	-16%	-1%	0%	0%	0%	5%	5%	5%	5%
1971	Wet	5%	5%	6%	21%	-7%	0%	0%	0%	0%	3%	3%	3%
1972	Below Normal	4%	4%	5%	12%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	4%	5%	4%	4%
1974	Wet	5%	5%	6%	20%	31%	-10%	6%	-1%	4%	4%	3%	3%
1975	Wet	4%	4%	5%	1%	-3%	-4%	1%	1%	5%	6%	5%	6%
1976	Critical	6%	6%	7%	5%	1%	0%	-1%	-1%	0%	-1%	2%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	88%	0%	0%	0%	0%	0%
1978	Above Normal	0%	168%	-1%	0%	0%	-2%	0%	6%	9%	10%	10%	11%
1979	Below Normal	6%	7%	5%	-14%	-15%	7%	1%	1%	6%	6%	5%	5%
1980	Above Normal	6%	6%	7%	-2%	4%	-4%	-5%	-4%	1%	1%	0%	0%
1981	Dry	0%	1%	2%	2%	-3%	8%	3%	3%	196%	3%	-4%	4%
1982	Wet	5%	6%	7%	9%	0%	0%	0%	0%	4%	5%	4%	4%
1983	Wet	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	6%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	4%	5%	4%	5%
1985	Dry	5%	5%	5%	3%	0%	0%	0%	0%	3%	4%	3%	4%
1986	Wet	4%	4%	4%	3%	0%	-34%	0%	0%	4%	5%	4%	4%
1987	Dry	4%	5%	6%	12%	0%	0%	-4%	-4%	-4%	-4%	-4%	-4%
1988	Critical	-4%	-4%	-4%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	-7%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-4%	-1%	1%	1%	1%
1992	Critical	0%	-8%	6%	0%	0%	0%	0%	0%	0%	0%	0%	-3%
1993	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	6%	5%	4%	5%
1994	Critical	5%	5%	6%	5%	-1%	0%	0%	0%	1%	0%	2%	0%
1995	Wet	5%	-17%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1996	Wet	4%	5%	5%	-43%	-39%	-20%	-2%	-2%	2%	3%	2%	2%
1997	Wet	3%	3%	4%	0%	21%	0%	0%	0%	5%	5%	5%	5%
1998	Wet	5%	6%	6%	4%	0%	0%	0%	-3%	-3%	-4%	0%	0%
1999	Wet	10%	1%	10%	16%	27%	-9%	0%	0%	5%	5%	4%	5%
2000	Above Normal	5%	5%	6%	4%	1%	-1%	0%	1%	4%	5%	4%	5%
2001	Dry	4%	5%	6%	1%	-8%	-2%	1%	1%	2%	2%	2%	2%
2002	Dry	2%	3%	3%	4%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	18%	-6%	5%	3%	1%	0%	0%	242%	3%	3%	3%
	Average	3%	7%	19%	5%	1%	-1%	1%	-1%	19%	2%	0%	0%
	Wet	2%	4%	5%	2%	0%	-4%	-1%	-1%	2%	4%	3%	4%
	Above Normal	2%	11%	3%	3%	1%	0%	0%	1%	35%	6%	6%	6%
	Below Normal	12%	3%	3%	6%	1%	2%	3%	-6%	49%	5%	5%	5%
	Dry	-5%	15%	67%	6%	1%	0%	-2%	0%	24%	1%	1%	1%
	Critical	3%	2%	11%	8%	2%	1%	9%	1%	-4%	-11%	-19%	-24%

Energy generated (GWh) at Mojave Dam: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	11.97	10.19	8.61	1.98	3.38	5.15	6.53	6.58	6.91	6.48	7.22	6.82	81.82
1923	Below Normal	6.62	5.99	5.38	8.55	7.49	8.97	5.99	7.35	7.35	7.05	8.08	7.78	86.60
1924	Critical	6.44	5.85	4.89	2.88	3.24	2.71	3.96	5.33	5.47	4.72	4.63	4.51	54.63
1925	Dry	2.75	2.12	1.78	0.96	1.52	3.14	6.16	8.14	8.14	7.79	8.76	8.47	59.73
1926	Dry	6.65	6.08	5.01	1.45	2.21	3.08	5.12	7.01	7.03	6.72	7.57	7.31	65.24
1927	Wet	5.74	5.22	4.31	1.65	3.34	6.13	7.05	7.22	7.58	7.09	7.80	7.35	70.48
1928	Above Normal	7.17	6.50	5.89	8.29	8.30	5.09	7.08	7.19	7.53	7.04	7.69	7.25	85.02
1929	Critical	6.99	6.36	5.77	7.80	7.56	3.94	3.26	4.84	4.96	4.30	4.22	3.92	63.92
1930	Dry	2.55	1.95	1.64	0.91	1.77	2.17	5.16	6.78	6.90	6.32	6.73	6.53	49.41
1931	Critical	4.62	4.00	3.34	1.15	1.82	2.00	4.58	6.19	6.32	5.47	5.37	5.15	50.01
1932	Dry	3.04	2.58	2.14	1.08	2.23	2.71	4.92	6.35	6.39	6.05	6.68	6.47	50.64
1933	Critical	4.90	4.41	3.66	1.22	1.93	2.59	5.16	7.01	7.18	6.33	6.42	6.26	57.07
1934	Critical	4.08	3.29	2.75	1.11	1.61	2.11	4.91	6.64	6.78	5.86	0.22	0.16	39.52
1935	Below Normal	2.57	8.26	6.36	1.05	2.03	2.63	6.33	8.17	1.70	8.59	9.55	9.25	66.49
1936	Below Normal	7.18	6.59	5.43	1.50	2.81	7.34	7.03	7.54	7.91	7.40	8.15	7.68	76.56
1937	Below Normal	7.49	6.80	6.15	8.83	8.91	9.24	6.87	7.13	7.49	7.04	7.82	7.35	91.12
1938	Wet	7.11	6.46	5.79	9.47	9.79	12.21	6.31	7.25	7.61	6.64	8.16	7.08	93.88
1939	Dry	6.83	6.17	5.42	8.42	6.40	11.68	7.25	7.75	0.19	8.43	4.17	10.15	82.86
1940	Above Normal	8.15	3.13	8.40	1.09	1.67	3.57	6.29	8.25	5.53	8.17	9.15	8.85	72.25
1941	Wet	6.94	6.34	5.22	2.89	3.75	10.29	5.69	6.03	6.33	6.00	6.85	6.46	72.79
1942	Wet	6.22	5.62	4.95	7.16	9.67	11.73	7.81	6.53	6.87	6.46	7.26	6.85	87.13
1943	Wet	6.66	6.02	5.37	8.44	9.77	8.03	7.39	7.40	7.74	7.29	8.17	7.71	89.99
1944	Dry	7.49	6.79	6.06	7.90	7.59	4.48	5.11	6.65	6.67	6.28	6.87	6.66	78.55
1945	Below Normal	4.95	4.40	3.66	1.50	2.28	12.16	7.01	7.22	7.59	7.10	7.81	7.36	73.04
1946	Below Normal	7.17	6.50	6.24	9.63	6.77	6.67	6.60	6.79	7.12	6.68	7.44	7.03	84.64
1947	Dry	6.84	6.20	5.58	8.37	8.83	5.13	6.87	7.90	8.07	7.63	8.44	8.10	87.96
1948	Below Normal	7.01	6.39	5.52	4.74	4.85	2.96	4.93	4.26	0.18	8.59	9.48	9.20	68.11
1949	Dry	7.14	6.54	5.39	1.59	2.35	2.88	6.88	7.76	7.98	7.53	8.30	7.95	72.29
1950	Below Normal	6.98	6.37	5.53	1.97	2.34	2.53	5.74	7.32	0.17	8.38	9.24	8.96	65.53
1951	Above Normal	6.95	6.36	5.25	11.56	9.28	11.59	6.49	7.02	7.37	6.89	7.68	7.26	93.70
1952	Wet	7.07	6.41	5.76	9.26	9.18	6.46	5.41	5.78	6.04	5.78	6.70	6.31	80.16
1953	Wet	6.06	5.45	7.91	9.13	9.50	11.70	8.37	6.74	6.85	6.50	7.34	7.01	92.56
1954	Above Normal	6.34	5.75	5.00	6.13	6.52	5.87	6.33	8.10	7.57	6.95	8.89	8.60	82.05
1955	Dry	6.75	6.16	5.07	1.80	2.78	3.29	5.28	6.78	6.77	6.50	7.29	7.05	65.52
1956	Wet	5.50	5.00	4.13	9.70	9.45	11.87	7.40	7.67	8.05	7.54	8.42	7.96	92.69
1957	Above Normal	7.76	7.04	6.31	10.17	9.75	5.96	5.24	3.24	0.20	8.02	8.79	8.54	81.02
1958	Wet	6.58	6.01	4.96	1.91	4.47	10.64	7.36	7.64	8.01	7.54	8.50	8.01	81.63
1959	Below Normal	7.79	7.05	6.26	8.51	8.57	9.87	6.04	7.69	0.19	8.29	9.23	8.93	88.42
1960	Dry	6.97	6.36	5.24	1.40	1.85	2.58	6.78	8.54	3.18	8.84	4.81	10.39	66.94
1961	Dry	8.21	7.51	6.23	2.08	2.64	2.53	5.70	7.26	7.30	6.98	5.30	2.22	63.96
1962	Below Normal	0.02	5.50	10.85	0.76	1.30	3.27	5.78	7.43	0.18	8.51	9.40	9.12	62.12
1963	Wet	7.08	6.47	5.34	3.85	4.56	5.75	6.49	6.74	7.06	6.62	7.38	6.97	74.31
1964	Dry	6.79	6.14	6.98	7.89	5.01	5.40	7.01	7.03	7.39	6.92	7.65	7.21	81.42
1965	Wet	7.04	6.37	5.75	7.77	8.18	6.37	6.39	6.58	6.42	6.48	7.22	6.82	81.39
1966	Below Normal	6.52	5.90	5.27	8.38	8.75	6.52	6.11	7.61	6.61	7.37	8.44	8.13	85.61
1967	Wet	6.58	5.99	4.95	2.41	4.98	6.01	6.97	7.14	7.49	7.04	7.88	7.44	74.88
1968	Below Normal	7.22	6.54	5.85	8.31	10.18	10.56	6.98	7.02	7.16	6.78	7.72	7.40	91.72
1969	Wet	6.40	5.81	4.95	5.71	11.01	12.21	6.38	6.66	6.99	6.61	7.57	7.15	87.45
1970	Wet	6.99	6.13	5.48	9.10	10.33	12.09	6.55	7.02	7.37	6.88	7.67	7.24	92.85
1971	Wet	7.06	6.39	5.75	8.50	9.93	7.77	5.86	7.58	7.41	7.26	8.32	8.02	89.85
1972	Below Normal	6.35	5.79	4.75	2.16	3.99	5.27	6.29	7.71	7.77	7.40	8.38	8.06	73.92
1973	Above Normal	6.61	6.03	5.04	3.09	5.70	6.59	6.86	7.26	7.64	7.11	7.87	7.42	77.22
1974	Wet	7.24	6.56	5.92	8.52	7.37	9.91	7.09	7.06	7.43	6.95	7.82	7.39	89.26
1975	Wet	7.19	6.49	5.79	9.74	9.75	8.71	7.04	7.09	7.46	6.95	7.65	7.22	91.08
1976	Critical	7.01	6.36	5.77	8.23	8.65	5.09	5.95	7.66	0.23	8.33	4.46	9.79	77.53
1977	Critical	7.58	6.92	5.71	1.38	1.84	1.82	0.71	0.14	0.16	0.28	0.24	0.17	26.95
1978	Above Normal	0.03	0.00	7.54	0.81	2.40	4.90	6.38	6.50	6.83	6.39	7.05	6.63	55.46
1979	Below Normal	6.45	5.83	5.27	8.29	8.49	6.63	6.57	6.85	7.21	6.74	7.46	7.04	82.83
1980	Above Normal	6.83	6.18	5.57	8.50	8.99	12.21	6.28	6.54	6.87	6.52	7.43	7.00	88.92
1981	Dry	6.76	6.10	5.37	9.69	9.92	6.58	5.79	7.56	0.23	8.65	7.99	9.52	84.16
1982	Wet	7.35	6.71	5.53	3.57	4.36	12.11	7.70	7.33	7.69	7.23	8.21	7.75	85.54
1983	Wet	7.62	6.90	11.26	9.83	9.30	12.21	5.11	5.40	5.97	5.43	6.06	5.99	91.08
1984	Wet	6.49	5.90	11.26	9.03	9.54	12.22	6.55	7.12	7.45	6.99	7.78	7.36	97.69
1985	Dry	7.16	6.50	6.57	9.53	8.99	7.54	6.53	6.71	7.07	6.60	7.28	6.86	87.34
1986	Wet	6.68	6.06	5.48	8.16	7.93	11.83	7.01	7.28	7.66	7.20	8.10	7.61	91.00
1987	Dry	7.38	6.70	5.96	9.70	9.69	5.40	5.09	6.89	7.07	6.08	6.00	5.85	81.81
1988	Critical	3.64	2.83	2.35	1.06	1.87	1.76	3.38	4.51	4.63	4.02	3.93	3.82	37.80
1989	Dry	2.32	1.76	1.49	0.90	1.59	1.74	6.60	8.57	4.20	8.65	8.10	9.64	55.56
1990	Critical	7.54	6.89	5.67	1.46	2.04	2.22	4.41	5.94	6.10	5.26	5.17	5.03	57.73
1991	Critical	3.10	2.39	2.00	0.99	1.50	1.72	3.45	4.22	1.28	4.82	4.66	4.56	34.69
1992	Critical	2.72	1.95	1.78	0.90	1.43	1.61	3.39	4.52	4.63	0.22	0.22	1.65	25.02
1993	Above Normal	5.69	0.00	7.70	0.89	3.70	5.00	6.39	7.17	2.42	7.49	8.36	7.98	62.79
1994	Critical	7.08	6.45	5.58	5.60	5.90	4.22	5.41	6.90	4.63	6.87	0.22	6.48	65.34
1995	Wet	0.02	1.50	11.07	0.75	3.31	4.53	7.47	7.53	7.90	7.42	8.28	7.80	67.58
1996	Wet	7.59	6.88	6.16	9.09	9.36	7.75	7.13	7.16	7.52	7.03	7.80	7.35	90.82
1997	Wet	7.16	6.50	5.86	9.56	8.10	11.83	6.42	6.68	6.99	6.58	7.44	7.03	90.15
1998	Wet	6.80	6.16	5.48	9.57	7.26	9.52	6.37	6.71	7.04	6.69	7.63	7.18	86.41
1999	Wet	6.91	7.12	6.94	9.22	6.75	10.18	6.59	7.03	7.36	6.93	7.72	7.29	90.04
2000	Above Normal	7.09	6.43	5.79	8.98	8.65	6.45	6.49	8.01	8.06	7.73	8.65	8.34	90.67
2001	Dry	6.79	6.20	5.20	2.76	3.05	2.73	5.14	7.01	7.17	6.21	6.12	5.97	64.35
2002	Dry	3.68	2.88	2.39	1.41	2.68	3.47	7.16	7.17	7.51	7.05	7.70	7.25	60.35
2003	Above Normal	7.05	2.38	7.92	1.68	2.73	3.42	5.40	6.92	0.13	7.96	8.74	8.48	62.81
	Average	6.19	5.57	5.56	5.28	5.75	6.45	6.06	6.82	5.92	6.77	7.09	7.07	74.53
	Wet	6.54	6.02	6.21	7.08	7.73	9.62	6.77	6.94	7.24	6.81	7.68	7.24	85.87
	Above Normal	6.80	5.00	6.59	5.26	5.92	6.32	6.31	6.90	5.59	7.23	8.13	7.76	77.81
	Below Normal	6.02	6.28	5.89	5.30	5.63	6.76	6.31	7.15	4.90	7.57	8.44	8.09	78.34
	Dry	5.89	5.26	4.64	4.32	4.51	4.25	6.03	7.33	6.07	7.18	6.99	7.42	69.89
	Critical	5.48	4.81	4.11	2.82	3.28	2.65	4.05	5.33	4.36	4.71	3.31	4.29	49.18

Energy generated (GWh) at Mojave Dam: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	11.97	10.19	8.61	2.64	3.43	5.19	6.64	6.75	7.43	7.01	7.89	7.47	85.22
1923	Below Normal	7.25	6.58	5.88	10.69	9.21	11.74	8.14	0.17	0.48	9.07	10.13	9.74	89.08
1924	Critical	8.42	7.71	6.62	4.82	4.84	3.32	4.57	6.19	2.72	0.23	0.22	0.16	49.82
1925	Dry	2.39	6.84	11.02	1.25	2.00	2.62	5.38	6.87	7.03	6.74	7.51	7.26	66.91
1926	Dry	5.69	5.21	4.33	1.67	2.24	3.21	5.06	7.60	6.95	7.41	8.32	8.05	65.74
1927	Wet	3.81	6.47	5.34	1.76	3.17	6.09	6.91	7.05	7.73	7.25	7.94	7.50	71.02
1928	Above Normal	7.32	6.67	6.07	8.60	8.28	4.97	6.92	7.79	0.41	8.60	9.42	9.00	84.05
1929	Critical	7.97	7.32	6.41	5.70	5.56	3.35	3.70	5.01	5.13	2.84	0.22	0.16	53.37
1930	Dry	1.78	1.10	9.03	1.00	1.72	2.17	5.20	6.90	5.85	6.52	6.79	6.61	54.67
1931	Critical	4.51	3.80	3.17	1.20	1.81	2.04	4.61	6.23	6.36	5.50	3.04	0.15	42.42
1932	Dry	1.08	4.39	6.35	1.10	2.24	2.80	4.92	6.34	6.71	6.38	7.01	6.80	56.12
1933	Critical	5.23	4.74	3.99	1.57	1.94	2.69	5.17	6.91	7.14	6.43	6.68	6.50	58.99
1934	Critical	3.38	2.41	4.41	1.23	1.64	2.01	4.67	6.30	6.44	5.56	0.22	0.16	38.43
1935	Below Normal	5.50	6.61	5.16	1.02	2.04	2.65	6.48	8.38	4.04	8.86	9.84	9.55	70.13
1936	Below Normal	7.51	6.89	5.73	1.82	2.79	6.42	7.04	7.55	8.25	7.73	8.49	8.02	78.24
1937	Below Normal	7.83	7.14	6.49	8.83	8.96	10.45	6.76	7.02	7.70	7.27	8.04	7.58	94.07
1938	Wet	7.34	6.70	5.71	7.81	7.69	12.62	6.24	6.52	6.87	6.81	7.76	7.34	89.41
1939	Dry	7.09	6.44	5.69	8.62	6.39	11.34	6.56	7.86	0.48	8.70	4.23	10.40	83.80
1940	Above Normal	8.44	0.55	9.60	1.08	1.42	3.51	6.28	8.24	5.81	8.49	9.47	9.17	72.06
1941	Wet	7.26	6.66	5.46	2.89	3.75	9.60	5.69	6.03	6.66	6.33	7.18	6.79	74.30
1942	Wet	6.55	5.95	5.10	8.37	9.71	11.65	7.82	6.51	7.18	6.77	7.56	7.15	90.32
1943	Wet	6.96	6.33	5.69	8.52	9.93	8.27	7.56	7.40	8.07	7.62	8.48	8.03	92.86
1944	Dry	7.80	7.11	6.39	7.32	6.78	4.21	5.11	6.66	6.94	6.53	7.10	6.90	78.85
1945	Below Normal	5.17	4.61	3.88	1.74	2.28	10.55	7.02	7.23	7.93	7.44	8.15	7.70	73.70
1946	Below Normal	7.51	6.84	6.67	9.96	6.77	6.70	6.63	6.83	7.48	7.04	7.81	7.39	87.63
1947	Dry	7.20	6.56	5.93	8.76	8.84	5.13	6.86	7.93	8.30	7.87	8.68	8.34	90.40
1948	Below Normal	7.21	6.60	5.71	4.81	4.73	2.91	4.94	4.54	0.18	8.59	9.48	9.21	68.91
1949	Dry	7.15	6.54	5.39	1.58	2.35	2.88	6.88	7.77	7.99	7.54	8.32	7.97	72.36
1950	Below Normal	6.98	6.38	5.53	1.90	2.26	2.51	5.74	7.32	0.36	8.57	9.43	9.15	66.13
1951	Above Normal	7.14	6.55	5.25	9.64	10.79	11.59	6.49	7.02	7.70	7.22	8.01	7.59	94.99
1952	Wet	7.40	6.74	6.09	9.45	9.18	6.46	5.41	5.55	5.80	5.86	6.68	6.32	80.94
1953	Wet	6.10	5.51	8.99	10.63	8.79	10.23	6.77	6.59	7.11	6.76	7.56	7.22	92.26
1954	Above Normal	6.65	6.06	5.35	6.87	6.88	6.10	6.38	8.16	8.26	6.99	9.06	8.78	85.54
1955	Dry	6.93	6.33	5.23	1.94	2.78	3.28	5.24	6.72	6.77	6.50	7.28	7.04	66.04
1956	Wet	5.50	5.01	4.14	7.38	9.46	11.87	7.41	7.68	8.39	7.87	8.75	8.30	91.76
1957	Above Normal	8.10	7.37	6.64	10.14	9.75	5.95	5.24	3.29	0.52	8.33	9.10	8.85	83.28
1958	Wet	6.89	6.32	5.27	2.22	4.47	10.62	7.36	7.64	8.34	7.87	8.83	8.34	84.17
1959	Below Normal	8.12	7.37	6.59	8.82	9.56	9.76	5.89	7.49	0.43	8.58	9.47	9.18	91.26
1960	Dry	7.20	6.59	5.47	1.62	1.82	2.60	6.79	8.52	3.76	8.70	5.29	10.10	68.46
1961	Dry	8.04	7.34	6.10	2.23	2.77	2.58	5.71	7.28	7.32	6.99	5.47	2.22	64.05
1962	Below Normal	0.02	5.51	11.05	0.76	1.30	3.27	5.78	7.43	0.50	8.83	9.72	9.44	63.61
1963	Wet	7.40	6.79	5.66	4.17	4.56	5.75	6.49	6.74	7.39	6.95	7.71	7.30	76.91
1964	Dry	7.12	6.47	7.31	8.22	5.02	5.41	7.01	7.03	7.39	6.92	7.65	7.21	82.76
1965	Wet	7.04	6.37	5.76	7.80	8.19	6.34	6.39	6.60	6.50	6.85	7.59	7.19	82.62
1966	Below Normal	6.88	6.25	5.62	8.66	8.70	6.50	6.11	7.61	6.89	7.62	8.70	8.39	87.93
1967	Wet	6.84	6.24	5.21	2.66	4.98	6.01	6.98	7.14	7.48	7.37	8.20	7.76	76.87
1968	Below Normal	7.54	6.66	6.17	9.32	10.18	10.65	7.01	7.20	7.58	7.22	8.22	7.91	95.66
1969	Wet	6.71	6.13	5.20	5.01	10.27	12.21	6.34	6.62	6.95	6.90	7.86	7.44	87.64
1970	Wet	7.28	6.43	5.77	7.72	10.21	12.12	6.55	7.04	7.73	7.24	8.03	7.60	93.72
1971	Wet	7.42	6.74	6.10	10.25	9.23	7.79	5.85	7.56	7.42	7.50	8.56	8.27	92.69
1972	Below Normal	6.60	6.03	4.99	2.40	3.99	5.27	6.28	7.71	7.77	7.40	8.38	8.06	74.88
1973	Above Normal	6.62	6.03	5.04	3.10	5.70	6.62	6.84	7.26	7.97	7.44	8.20	7.75	78.57
1974	Wet	7.57	6.89	6.25	10.23	9.60	8.92	7.52	7.01	7.71	7.22	8.07	7.65	94.64
1975	Wet	7.45	6.76	6.08	9.80	9.48	8.38	7.11	7.16	7.87	7.35	8.05	7.62	93.11
1976	Critical	7.42	6.76	6.16	8.65	8.72	5.11	5.92	7.62	0.23	8.29	4.57	9.71	79.16
1977	Critical	7.51	6.86	5.65	1.38	1.84	1.82	1.13	0.14	0.16	0.28	0.24	0.17	27.18
1978	Above Normal	0.03	0.00	7.52	0.81	2.41	4.80	6.37	6.85	7.45	7.02	7.75	7.37	58.38
1979	Below Normal	6.85	6.23	5.55	7.10	7.05	7.08	6.85	6.91	7.61	7.12	7.84	7.41	83.60
1980	Above Normal	7.21	6.56	5.95	8.32	9.35	11.80	5.97	6.28	6.93	6.58	7.42	7.01	89.38
1981	Dry	6.78	6.15	5.48	9.92	9.69	7.14	5.93	7.76	0.53	8.90	7.65	9.91	85.84
1982	Wet	7.74	7.09	5.90	3.89	4.38	12.10	7.71	7.33	8.02	7.56	8.54	8.08	88.34
1983	Wet	7.85	6.99	11.26	9.83	9.27	12.21	5.11	5.40	5.97	5.43	6.39	6.32	92.03
1984	Wet	6.49	5.90	11.26	9.03	9.57	12.22	6.55	7.12	7.78	7.32	8.11	7.69	99.04
1985	Dry	7.49	6.83	6.90	9.86	8.99	7.54	6.53	6.71	7.31	6.84	7.52	7.10	89.62
1986	Wet	6.92	6.30	5.72	8.41	7.93	7.67	7.21	7.29	8.00	7.54	8.44	7.95	89.38
1987	Dry	7.72	7.03	6.29	10.89	9.69	5.41	4.91	6.64	6.81	5.86	5.78	5.64	82.67
1988	Critical	3.51	2.73	2.27	1.05	1.85	1.75	3.38	4.51	4.63	4.02	3.93	3.82	37.45
1989	Dry	2.32	1.76	1.49	0.90	1.59	1.74	6.60	8.56	4.11	8.65	7.58	9.74	55.04
1990	Critical	7.60	6.95	5.72	1.46	2.04	2.22	4.41	5.94	6.10	5.26	5.17	5.04	57.91
1991	Critical	3.10	2.39	2.00	0.99	1.50	1.72	3.44	4.05	1.27	4.84	4.68	4.58	34.56
1992	Critical	2.73	1.79	1.89	0.90	1.43	1.60	3.39	4.52	4.63	0.22	0.22	1.61	24.93
1993	Above Normal	5.63	0.00	7.72	0.89	3.70	4.99	6.39	7.18	2.57	7.85	8.72	8.34	63.98
1994	Critical	7.42	6.79	5.92	5.89	5.86	4.21	5.41	6.90	4.65	6.87	0.26	6.47	66.65
1995	Wet	0.02	1.27	10.97	0.75	3.31	4.53	7.47	7.53	8.23	7.75	8.61	8.13	68.57
1996	Wet	7.91	7.21	6.49	5.20	5.71	6.18	6.98	7.01	7.69	7.21	7.97	7.53	83.09
1997	Wet	7.34	6.69	6.07	9.54	9.79	11.82	6.44	6.70	7.34	6.93	7.78	7.37	93.81
1998	Wet	7.15	6.50	5.82	9.98	7.26	9.51	6.37	6.47	6.79	6.44	7.61	7.18	87.08
1999	Wet	7.70	7.08	7.63	10.72	8.51	9.31	6.56	7.04	7.70	7.27	8.07	7.63	95.22
2000	Above Normal	7.44	6.78	6.13	9.35	8.70	6.41	6.48	8.07	8.42	8.09	9.03	8.72	93.62
2001	Dry	7.10	6.51	5.49	2.80	2.80	2.67	5.18	7.07	7.28	6.32	6.23	6.07	65.52
2002	Dry	3.77	2.97	2.47	1.48	2.68	3.46	7.14	7.15	7.49	7.04	7.68	7.23	60.56
2003	Above Normal	7.03	2.81	7.48	1.77	2.81	3.44	5.40	6.92	0.36	8.18	8.97	8.70	63.87
	Average	6.37	5.79	6.05	5.38	5.74	6.35	6.07	6.73	5.88	6.93	7.18	7.15	75.61
	Wet	6.72	6.27	6.50	7.08	7.63	9.25	6.72	6.87	7.41	7.08	7.94	7.53	86.99
	Above Normal	6.97	4.96	6.78	5.27	6.10	6.28	6.28	6.98	5.32	7.65	8.59	8.23	79.41
	Below Normal	6.50	6.41	6.07	5.56	5.70	6.89	6.48	6.67	4.80	7.95	8.84	8.48	80.35
	Dry	5.81	5.68	5.91	4.51	4.47	4.23	5.95	7.30	6.06	7.25	7.01	7.48	71.63
	Critical	5.73	5.02	4.52	2.90	3.25	2.65	4.15	5.36	4.12	4.20	2.45	3.21	47.57

Difference in Energy generated (GWh) at Mojave Dam: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.66	0.05	0.04	0.11	0.17	0.52	0.53	0.67	0.65	0.28
1923	Below Normal	0.63	0.59	0.50	2.14	1.72	2.77	2.15	(7.18)	(6.87)	2.02	2.05	1.96	0.21
1924	Critical	1.98	1.86	1.73	1.94	1.60	0.61	0.61	0.86	(2.75)	(4.49)	(4.41)	(4.35)	(0.40)
1925	Dry	(0.36)	4.72	9.24	0.29	0.48	(0.52)	(0.78)	(1.27)	(1.11)	(1.05)	(1.25)	(1.21)	0.60
1926	Dry	(0.96)	(0.87)	(0.68)	0.22	0.03	0.13	(0.06)	0.59	(0.08)	0.69	0.75	0.74	0.04
1927	Wet	(1.93)	1.25	1.03	0.11	(0.17)	(0.04)	(0.14)	(0.17)	0.15	0.16	0.14	0.15	0.05
1928	Above Normal	0.15	0.17	0.18	0.31	(0.02)	(0.12)	(0.16)	0.60	(7.12)	1.56	1.73	1.75	(0.08)
1929	Critical	0.98	0.96	0.64	(2.10)	(2.00)	(0.59)	0.44	0.17	0.17	(1.46)	(4.00)	(3.76)	(0.88)
1930	Dry	(0.77)	(0.85)	7.39	0.09	(0.05)	0.00	0.04	0.12	(1.05)	0.20	0.06	0.08	0.44
1931	Critical	(0.11)	(0.20)	(0.17)	0.05	(0.01)	0.04	0.03	0.04	0.04	0.03	(2.33)	(5.00)	(0.63)
1932	Dry	(1.96)	1.81	4.21	0.02	0.01	0.09	0.00	(0.01)	0.32	0.33	0.33	0.33	0.46
1933	Critical	0.33	0.33	0.33	0.35	0.01	0.10	0.01	(0.10)	(0.04)	0.10	0.26	0.24	0.16
1934	Critical	(0.70)	(0.88)	1.66	0.12	0.03	(0.10)	(0.24)	(0.34)	(0.34)	(0.30)	0.00	0.00	(0.09)
1935	Below Normal	2.93	(1.65)	(1.20)	(0.03)	0.01	0.02	0.15	0.21	2.34	0.27	0.29	0.30	0.30
1936	Below Normal	0.33	0.30	0.30	0.32	(0.02)	(0.92)	0.01	0.01	0.34	0.33	0.34	0.34	0.14
1937	Below Normal	0.34	0.34	0.34	0.00	0.05	1.21	(0.11)	(0.11)	0.21	0.23	0.22	0.23	0.25
1938	Wet	0.23	0.24	(0.08)	(1.66)	(2.10)	0.41	(0.07)	(0.73)	(0.74)	0.17	(0.40)	0.26	(0.37)
1939	Dry	0.26	0.27	0.27	0.20	(0.01)	(0.34)	(0.69)	0.11	0.29	0.27	0.06	0.25	0.08
1940	Above Normal	0.29	(2.58)	1.20	(0.01)	(0.25)	(0.06)	(0.01)	(0.01)	0.28	0.32	0.32	0.32	(0.02)
1941	Wet	0.32	0.32	0.24	0.00	0.00	(0.69)	0.00	0.00	0.33	0.33	0.33	0.33	0.13
1942	Wet	0.33	0.33	0.15	1.21	0.04	(0.08)	0.01	(0.02)	0.31	0.31	0.30	0.30	0.27
1943	Wet	0.30	0.31	0.32	0.08	0.16	0.24	0.17	0.00	0.33	0.33	0.31	0.32	0.24
1944	Dry	0.31	0.32	0.33	(0.58)	(0.81)	(0.27)	0.00	0.01	0.27	0.25	0.23	0.24	0.03
1945	Below Normal	0.22	0.21	0.22	0.24	0.00	(1.61)	0.01	0.01	0.34	0.34	0.34	0.34	0.06
1946	Below Normal	0.34	0.34	0.43	0.33	0.00	0.03	0.03	0.04	0.36	0.36	0.37	0.36	0.25
1947	Dry	0.36	0.36	0.35	0.39	0.01	0.00	(0.01)	0.03	0.23	0.24	0.24	0.24	0.20
1948	Below Normal	0.20	0.21	0.19	0.07	(0.12)	(0.05)	0.01	0.28	0.00	0.00	0.00	0.01	0.07
1949	Dry	0.01	0.00	0.00	(0.01)	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.01
1950	Below Normal	0.00	0.01	0.00	(0.07)	(0.08)	(0.02)	0.00	0.00	0.19	0.19	0.19	0.19	0.05
1951	Above Normal	0.19	0.19	0.00	(1.92)	1.51	0.00	0.00	0.00	0.33	0.33	0.33	0.33	0.11
1952	Wet	0.33	0.33	0.33	0.19	0.00	0.00	0.00	(0.23)	(0.24)	0.08	(0.02)	0.01	0.06
1953	Wet	0.04	0.06	1.08	1.50	(0.71)	(1.47)	(1.60)	(0.15)	0.26	0.26	0.22	0.21	(0.03)
1954	Above Normal	0.31	0.31	0.35	0.74	0.36	0.23	0.05	0.06	0.69	0.04	0.17	0.18	0.29
1955	Dry	0.18	0.17	0.16	0.14	0.00	(0.01)	(0.04)	(0.06)	0.00	0.00	(0.01)	(0.01)	0.04
1956	Wet	0.00	0.01	0.01	(2.32)	0.01	0.00	0.01	0.01	0.34	0.33	0.33	0.34	(0.08)
1957	Above Normal	0.34	0.33	0.33	(0.03)	0.00	(0.01)	0.00	0.05	0.32	0.31	0.31	0.31	0.19
1958	Wet	0.31	0.31	0.31	0.31	0.00	(0.02)	0.00	0.00	0.33	0.33	0.33	0.33	0.21
1959	Below Normal	0.33	0.32	0.33	0.31	0.99	(0.11)	(0.15)	(0.20)	0.24	0.29	0.24	0.25	0.24
1960	Dry	0.23	0.23	0.23	0.22	(0.03)	0.02	0.01	(0.02)	0.58	(0.14)	0.48	(0.29)	0.13
1961	Dry	(0.17)	(0.17)	(0.13)	0.15	0.13	0.05	0.01	0.02	0.02	0.01	0.17	0.00	0.01
1962	Below Normal	0.00	0.01	0.20	0.00	0.00	0.00	0.00	0.00	0.32	0.32	0.32	0.32	0.12
1963	Wet	0.32	0.32	0.32	0.32	0.00	0.00	0.00	0.00	0.33	0.33	0.33	0.33	0.22
1964	Dry	0.33	0.33	0.33	0.33	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.11
1965	Wet	0.00	0.00	0.01	0.03	0.01	(0.03)	0.00	0.02	0.08	0.37	0.37	0.37	0.10
1966	Below Normal	0.36	0.35	0.35	0.28	(0.05)	(0.02)	0.00	0.00	0.28	0.25	0.26	0.26	0.19
1967	Wet	0.26	0.25	0.26	0.25	0.00	0.00	0.01	0.00	(0.01)	0.33	0.32	0.32	0.17
1968	Below Normal	0.32	0.12	0.32	1.01	0.00	0.09	0.03	0.18	0.42	0.44	0.50	0.51	0.33
1969	Wet	0.31	0.32	0.25	(0.70)	(0.74)	0.00	(0.04)	(0.04)	(0.04)	0.29	0.29	0.29	0.02
1970	Wet	0.29	0.30	0.29	(1.38)	(0.12)	0.03	0.00	0.02	0.36	0.36	0.36	0.36	0.07
1971	Wet	0.36	0.35	0.35	1.75	(0.70)	0.02	(0.01)	(0.02)	0.01	0.24	0.24	0.25	0.24
1972	Below Normal	0.25	0.24	0.24	0.24	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.08
1973	Above Normal	0.01	0.00	0.00	0.01	0.00	0.03	(0.02)	0.00	0.33	0.33	0.33	0.33	0.11
1974	Wet	0.33	0.33	0.33	1.71	2.23	(0.99)	0.43	(0.05)	0.28	0.27	0.25	0.26	0.45
1975	Wet	0.26	0.27	0.29	0.06	(0.27)	(0.33)	0.07	0.07	0.41	0.40	0.40	0.40	0.17
1976	Critical	0.41	0.40	0.39	0.42	0.07	0.02	(0.03)	(0.04)	0.00	(0.04)	0.11	(0.08)	0.14
1977	Critical	(0.07)	(0.06)	(0.06)	0.00	0.00	0.00	0.42	0.00	0.00	0.00	0.00	0.00	0.02
1978	Above Normal	0.00	0.00	(0.02)	0.00	0.01	(0.10)	(0.01)	0.35	0.62	0.63	0.70	0.74	0.24
1979	Below Normal	0.40	0.40	0.28	(1.19)	(1.44)	0.45	0.28	0.06	0.40	0.38	0.38	0.37	0.06
1980	Above Normal	0.38	0.38	0.38	(0.18)	0.36	(0.41)	(0.31)	(0.26)	0.06	0.06	(0.01)	0.01	0.04
1981	Dry	0.02	0.05	0.11	0.23	(0.23)	0.56	0.14	0.20	0.30	0.25	(0.34)	0.39	0.14
1982	Wet	0.39	0.38	0.37	0.32	0.02	(0.01)	0.01	0.00	0.33	0.33	0.33	0.33	0.23
1983	Wet	0.23	0.09	0.00	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	0.33	0.33	0.08
1984	Wet	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.33	0.33	0.33	0.33	0.11
1985	Dry	0.33	0.33	0.33	0.33	0.00	0.00	0.00	0.00	0.24	0.24	0.24	0.24	0.19
1986	Wet	0.24	0.24	0.24	0.25	0.00	(4.16)	0.20	0.01	0.34	0.34	0.34	0.34	(0.14)
1987	Dry	0.34	0.33	0.33	1.19	0.00	0.01	(0.18)	(0.25)	(0.26)	(0.22)	(0.22)	(0.21)	0.07
1988	Critical	(0.13)	(0.10)	(0.08)	(0.01)	(0.02)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.09)	0.00	(0.52)	0.10	(0.04)
1990	Critical	0.06	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.17)	(0.01)	0.02	0.02	0.02	(0.01)
1992	Critical	0.01	(0.16)	0.11	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.04)	(0.01)
1993	Above Normal	(0.06)	0.00	0.02	0.00	0.00	(0.01)	0.00	0.01	0.15	0.36	0.36	0.36	0.10
1994	Critical	0.34	0.34	0.34	0.29	(0.04)	(0.01)	0.00	0.00	0.02	0.00	0.04	(0.01)	0.11
1995	Wet	0.00	(0.23)	(0.10)	0.00	0.00	0.00	0.00	0.00	0.33	0.33	0.33	0.33	0.08
1996	Wet	0.32	0.33	0.33	(3.89)	(3.65)	(1.57)	(0.15)	(0.15)	0.17	0.18	0.17	0.18	(0.64)
1997	Wet	0.18	0.19	0.21	(0.02)	1.69	(0.01)	0.02	0.02	0.35	0.35	0.34	0.34	0.31
1998	Wet	0.35	0.34	0.34	0.41	0.00	(0.01)	0.00	(0.24)	(0.25)	(0.25)	(0.02)	0.00	0.06
1999	Wet	0.79	(0.04)	0.69	1.50	1.76	(0.87)	(0.03)	0.01	0.34	0.34	0.35	0.34	0.43
2000	Above Normal	0.35	0.35	0.34	0.37	0.05	(0.04)	(0.01)	0.06	0.36	0.36	0.38	0.38	0.25
2001	Dry	0.31	0.31	0.29	0.04	(0.25)	(0.06)	0.04	0.06	0.11	0.11	0.11	0.10	0.10
2002	Dry	0.09	0.09	0.08	0.07	0.00	(0.01)	(0.02)	(0.02)	(0.02)	(0.01)	(0.02)	(0.02)	0.02
2003	Above Normal	(0.02)	0.43	(0.44)	0.09	0.08	0.02	0.00	0.00	0.23	0.22	0.23	0.22	0.09
	Average	0.18	0.22	0.49	0.10	(0.00)	(0.10)	0.01	(0.09)	(0.04)	0.15	0.09	0.08	0.09
	Wet	0.18	0.25	0.29	0.00	(0.10)	(0.37)	(0.04)	(0.06)	0.17	0.26	0.25	0.28	0.09
	Above Normal	0.16	(0.04)	0.20	0.00	0.18	(0.04)	(0.03)	0.09	(0.27)	0.42	0.46	0.47	0.13
	Below Normal	0.48	0.13	0.18	0.26	0.08	0.13	0.17	(0.48)	(0.10)	0.39	0.39	0.39	0.17
	Dry	(0.08)	0.41	1.27	0.18	(0.04)	(0.02)	(0.09)	(0.03)	(0.01)	0.07	0.02	0.06	0.15
	Critical	0.26	0.21	0.41	0.09	(0.03)	0.00	0.10	0.04	(0.24)	(0.51)	(0.86)	(1.08)	(0.13)

Percent Difference in Energy generated (GWh) at Mojave Dam: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	33%	1%	1%	2%	3%	8%	8%	9%	10%
1923	Below Normal	10%	10%	9%	25%	23%	31%	36%	-98%	-93%	29%	25%	25%
1924	Critical	31%	32%	35%	67%	49%	23%	15%	16%	-50%	-95%	-95%	-96%
1925	Dry	-13%	223%	519%	30%	32%	-17%	-13%	-16%	-14%	-13%	-14%	-14%
1926	Dry	-14%	-14%	-14%	15%	1%	4%	-1%	8%	-1%	10%	10%	10%
1927	Wet	-34%	24%	24%	7%	-5%	-1%	-2%	-2%	2%	2%	2%	2%
1928	Above Normal	2%	3%	3%	4%	0%	-2%	-2%	8%	-95%	22%	22%	24%
1929	Critical	14%	15%	11%	-27%	-26%	-15%	13%	4%	3%	-34%	-95%	-96%
1930	Dry	-30%	-44%	451%	10%	-3%	0%	1%	2%	-15%	3%	1%	1%
1931	Critical	-2%	-5%	-5%	4%	-1%	2%	1%	1%	1%	1%	-43%	-97%
1932	Dry	-64%	70%	197%	2%	0%	3%	0%	0%	5%	5%	5%	5%
1933	Critical	7%	7%	9%	29%	1%	4%	0%	-1%	-1%	2%	4%	4%
1934	Critical	-17%	-27%	60%	11%	2%	-5%	-5%	-5%	-5%	-5%	0%	0%
1935	Below Normal	114%	-20%	-19%	-3%	0%	1%	2%	3%	138%	3%	3%	3%
1936	Below Normal	5%	5%	6%	21%	-1%	-13%	0%	0%	4%	4%	4%	4%
1937	Below Normal	5%	5%	6%	0%	1%	13%	-2%	-2%	3%	3%	3%	3%
1938	Wet	3%	4%	-1%	-18%	-21%	3%	-1%	-10%	-10%	3%	-5%	4%
1939	Dry	4%	4%	5%	2%	0%	-3%	-10%	1%	153%	3%	1%	2%
1940	Above Normal	4%	-82%	14%	-1%	-15%	-2%	0%	0%	5%	4%	3%	4%
1941	Wet	5%	5%	5%	0%	0%	-7%	0%	0%	5%	6%	5%	5%
1942	Wet	5%	6%	3%	17%	0%	-1%	0%	0%	5%	5%	4%	4%
1943	Wet	5%	5%	6%	1%	2%	3%	2%	0%	4%	5%	4%	4%
1944	Dry	4%	5%	5%	-7%	-11%	-6%	0%	0%	4%	4%	3%	4%
1945	Below Normal	4%	5%	6%	16%	0%	-13%	0%	0%	4%	5%	4%	5%
1946	Below Normal	5%	5%	7%	3%	0%	0%	0%	1%	5%	5%	5%	5%
1947	Dry	5%	6%	6%	5%	0%	0%	0%	0%	3%	3%	3%	3%
1948	Below Normal	3%	3%	3%	1%	-2%	-2%	0%	7%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-4%	-3%	-1%	0%	0%	112%	2%	2%	2%
1951	Above Normal	3%	3%	0%	-17%	16%	0%	0%	0%	4%	5%	4%	5%
1952	Wet	5%	5%	6%	2%	0%	0%	0%	-4%	-4%	1%	0%	0%
1953	Wet	1%	1%	14%	16%	-7%	-13%	-19%	-2%	4%	4%	3%	3%
1954	Above Normal	5%	5%	7%	12%	6%	4%	1%	1%	9%	1%	2%	2%
1955	Dry	3%	3%	3%	8%	0%	0%	-1%	-1%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	-24%	0%	0%	0%	0%	4%	4%	4%	4%
1957	Above Normal	4%	5%	5%	0%	0%	0%	0%	2%	160%	4%	4%	4%
1958	Wet	5%	5%	6%	16%	0%	0%	0%	0%	4%	4%	4%	4%
1959	Below Normal	4%	5%	5%	4%	12%	-1%	-2%	-3%	126%	3%	3%	3%
1960	Dry	3%	4%	4%	16%	-2%	1%	0%	0%	18%	-2%	10%	-3%
1961	Dry	-2%	-2%	-2%	7%	5%	2%	0%	0%	0%	0%	3%	0%
1962	Below Normal	0%	0%	2%	0%	0%	0%	0%	0%	178%	4%	3%	4%
1963	Wet	5%	5%	6%	8%	0%	0%	0%	0%	5%	5%	4%	5%
1964	Dry	5%	5%	5%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	1%	6%	5%	5%
1966	Below Normal	6%	6%	7%	3%	-1%	0%	0%	0%	4%	3%	3%	3%
1967	Wet	4%	4%	5%	10%	0%	0%	0%	0%	0%	5%	4%	4%
1968	Below Normal	4%	2%	5%	12%	0%	1%	0%	3%	6%	6%	6%	7%
1969	Wet	5%	6%	5%	-12%	-7%	0%	-1%	-1%	-1%	4%	4%	4%
1970	Wet	4%	5%	5%	-15%	-1%	0%	0%	0%	5%	5%	5%	5%
1971	Wet	5%	5%	6%	21%	-7%	0%	0%	0%	0%	3%	3%	3%
1972	Below Normal	4%	4%	5%	11%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	4%	5%	4%	4%
1974	Wet	5%	5%	6%	20%	30%	-10%	6%	-1%	4%	4%	3%	4%
1975	Wet	4%	4%	5%	1%	-3%	-4%	1%	1%	5%	6%	5%	6%
1976	Critical	6%	6%	7%	5%	1%	0%	-1%	-1%	0%	0%	2%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	59%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	-2%	0%	5%	9%	10%	10%	11%
1979	Below Normal	6%	7%	5%	-14%	-17%	7%	4%	1%	6%	6%	5%	5%
1980	Above Normal	6%	6%	7%	-2%	4%	-3%	-5%	-4%	1%	1%	0%	0%
1981	Dry	0%	1%	2%	2%	-2%	9%	2%	3%	130%	3%	-4%	4%
1982	Wet	5%	6%	7%	9%	0%	0%	0%	0%	4%	5%	4%	4%
1983	Wet	3%	1%	0%	0%	0%	0%	0%	0%	0%	0%	5%	6%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	4%	5%	4%	4%
1985	Dry	5%	5%	5%	3%	0%	0%	0%	0%	3%	4%	3%	3%
1986	Wet	4%	4%	4%	3%	0%	-35%	3%	0%	4%	5%	4%	4%
1987	Dry	5%	5%	6%	12%	0%	0%	-4%	-4%	-4%	-4%	-4%	-4%
1988	Critical	-4%	-4%	-3%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	-6%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-4%	-1%	0%	0%	0%
1992	Critical	0%	-8%	6%	0%	0%	-1%	0%	0%	0%	0%	0%	-2%
1993	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	6%	5%	4%	5%
1994	Critical	5%	5%	6%	5%	-1%	0%	0%	0%	0%	0%	18%	0%
1995	Wet	0%	-15%	-1%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1996	Wet	4%	5%	5%	-43%	-39%	-20%	-2%	-2%	2%	3%	2%	2%
1997	Wet	3%	3%	4%	0%	21%	0%	0%	0%	5%	5%	5%	5%
1998	Wet	5%	6%	6%	4%	0%	0%	0%	-4%	-4%	-4%	0%	0%
1999	Wet	11%	-1%	10%	16%	26%	-9%	0%	0%	5%	5%	5%	5%
2000	Above Normal	5%	5%	6%	4%	1%	-1%	0%	1%	4%	5%	4%	5%
2001	Dry	5%	5%	6%	1%	-8%	-2%	1%	1%	2%	2%	2%	2%
2002	Dry	2%	3%	3%	5%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	18%	-6%	5%	3%	1%	0%	0%	177%	3%	3%	3%
	Average	3%	5%	19%	4%	1%	-1%	1%	-1%	13%	2%	0%	0%
	Wet	2%	4%	5%	2%	0%	-4%	0%	-1%	2%	4%	3%	4%
	Above Normal	2%	-3%	3%	3%	1%	0%	0%	1%	24%	6%	6%	6%
	Below Normal	12%	3%	3%	5%	1%	2%	3%	-6%	35%	5%	5%	5%
	Dry	-5%	15%	67%	6%	1%	-1%	-1%	0%	16%	1%	1%	1%
	Critical	3%	2%	11%	8%	2%	1%	7%	1%	-4%	-11%	-17%	-24%

Energy generated (GWh) at Oroville Dam: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	162.24	78.67	106.18	49.63	79.41	158.45	119.22	609.34	325.41	367.32	235.59	341.07	2,632.53
1923	Below Normal	133.70	78.68	123.02	49.89	99.73	54.44	86.35	123.32	128.70	374.98	306.40	115.76	1,674.97
1924	Critical	86.62	73.99	59.59	47.11	45.15	75.89	101.03	120.71	132.76	246.34	70.85	33.95	1,093.99
1925	Dry	20.91	20.23	21.32	36.56	19.40	20.07	63.52	95.19	194.43	344.00	181.62	168.78	1,186.03
1926	Dry	64.41	31.47	45.05	31.14	17.99	44.00	47.96	183.01	242.97	361.57	191.68	85.15	1,346.40
1927	Wet	26.01	39.96	112.37	20.08	76.81	238.14	223.48	228.22	165.78	425.49	342.98	358.02	2,257.34
1928	Above Normal	122.29	71.93	89.13	45.01	121.77	266.61	87.03	126.15	259.67	424.42	316.46	264.54	2,195.01
1929	Critical	112.98	32.02	41.66	52.43	41.70	45.70	114.59	149.31	124.60	88.04	71.82	35.75	910.60
1930	Dry	29.49	19.65	115.04	19.73	101.99	19.41	71.64	105.37	227.47	365.54	181.89	167.70	1,424.92
1931	Critical	54.95	28.08	22.44	21.63	20.37	19.98	139.00	101.48	118.51	191.60	84.04	35.58	837.66
1932	Dry	25.27	19.81	106.47	19.02	35.42	76.04	94.31	76.99	107.75	316.98	198.44	63.46	1,139.96
1933	Critical	66.05	34.82	30.34	27.91	19.41	123.13	93.70	112.73	133.02	134.19	70.13	36.52	881.95
1934	Critical	26.63	20.59	65.17	35.08	83.78	20.96	111.46	128.30	130.68	79.92	77.06	33.15	812.78
1935	Below Normal	31.38	19.74	20.09	36.00	20.17	19.14	55.82	120.12	170.60	397.70	321.88	199.76	1,412.40
1936	Below Normal	77.14	58.65	47.77	45.82	177.05	184.17	88.60	119.32	143.60	387.49	321.69	106.72	1,758.02
1937	Below Normal	148.63	79.14	156.45	47.42	41.11	48.46	85.76	124.24	311.02	356.79	234.47	80.37	1,713.86
1938	Wet	116.63	43.53	48.19	51.36	408.97	575.85	480.73	607.94	396.29	226.50	231.88	330.52	3,518.39
1939	Dry	139.72	83.54	97.07	54.81	50.18	55.42	186.76	174.42	184.18	372.34	249.19	208.68	1,856.31
1940	Above Normal	32.90	29.52	30.17	44.89	29.76	573.37	185.70	112.45	193.59	440.61	340.79	293.18	2,306.93
1941	Wet	112.41	67.61	45.06	49.01	458.96	386.35	157.31	383.31	219.37	338.06	157.35	395.90	2,770.70
1942	Wet	136.32	80.08	255.31	482.17	520.62	90.67	381.59	280.65	320.86	319.65	196.61	379.01	3,443.54
1943	Wet	150.18	76.86	51.70	568.29	225.96	547.96	178.57	123.11	168.73	438.07	334.23	366.08	3,229.74
1944	Dry	136.72	76.71	155.19	56.58	53.31	58.64	109.97	116.34	208.52	336.79	197.06	58.90	1,564.73
1945	Below Normal	42.87	39.17	55.59	40.12	39.99	49.14	95.16	106.39	135.60	374.73	295.58	105.58	1,379.92
1946	Below Normal	116.07	60.08	46.50	50.02	47.63	120.05	111.68	153.03	181.67	417.89	337.84	163.36	1,805.82
1947	Dry	140.69	73.21	46.84	49.76	43.35	50.51	93.94	156.47	182.82	364.99	225.39	192.95	1,620.92
1948	Below Normal	44.02	35.69	34.61	40.93	32.25	24.91	43.14	88.24	129.60	402.97	317.64	85.47	1,279.47
1949	Dry	79.79	49.59	46.85	48.79	44.54	49.56	103.65	112.09	212.79	359.92	204.68	194.46	1,506.71
1950	Below Normal	34.73	24.18	29.68	35.66	18.39	19.47	92.03	116.64	130.91	401.59	321.29	154.53	1,379.10
1951	Above Normal	63.87	48.75	414.53	393.69	330.91	155.21	113.96	132.68	199.37	441.54	336.66	274.66	2,905.83
1952	Wet	119.70	70.82	47.53	50.21	363.73	238.57	580.03	609.34	408.64	179.85	121.03	331.89	3,121.34
1953	Wet	161.54	85.75	218.49	580.34	47.62	212.02	206.94	196.76	289.76	436.68	225.47	356.57	3,017.94
1954	Above Normal	137.80	76.62	180.72	88.24	45.12	225.36	243.68	122.51	265.42	439.49	324.87	290.51	2,440.34
1955	Dry	118.69	45.95	43.83	45.27	43.63	48.91	108.07	113.03	152.96	328.32	149.05	120.58	1,318.29
1956	Wet	35.72	41.19	65.79	573.33	355.44	220.97	185.51	463.57	250.65	357.32	219.24	355.20	3,123.93
1957	Above Normal	135.96	82.14	218.93	50.82	110.13	166.62	105.88	112.42	143.32	442.38	321.31	269.58	2,159.49
1958	Wet	50.24	69.43	47.46	48.96	512.93	399.62	286.00	453.98	326.91	222.85	146.20	367.51	2,932.09
1959	Below Normal	159.79	86.25	217.04	49.31	236.91	73.07	144.21	126.70	230.01	412.08	300.90	149.45	2,185.72
1960	Dry	89.01	65.53	41.87	28.76	26.22	24.92	117.08	121.77	214.89	364.98	238.71	205.70	1,539.44
1961	Dry	28.87	41.88	36.11	28.54	24.40	26.47	89.65	113.08	155.91	340.60	145.28	43.04	1,073.83
1962	Below Normal	35.81	21.47	34.76	22.14	17.02	18.32	87.93	188.35	175.83	384.14	288.85	176.62	1,451.24
1963	Wet	31.11	31.14	32.00	54.95	507.16	281.10	462.04	196.56	184.40	448.86	319.28	357.84	2,906.44
1964	Dry	120.67	58.11	47.63	45.53	44.21	48.82	123.67	110.58	135.31	350.59	172.75	217.26	1,475.13
1965	Wet	55.16	44.72	91.88	575.85	144.29	179.55	319.65	215.70	175.61	428.67	260.40	368.63	2,860.11
1966	Below Normal	141.25	71.11	47.14	47.66	46.44	52.78	108.63	142.21	212.87	409.95	303.36	218.22	1,801.62
1967	Wet	59.84	56.20	41.77	45.72	45.22	382.47	93.29	425.31	387.15	157.68	130.36	393.58	2,218.59
1968	Below Normal	159.61	80.27	143.07	81.65	373.53	223.70	132.35	129.35	226.96	427.93	292.68	205.16	2,476.26
1969	Wet	94.08	43.10	44.40	305.93	379.48	217.27	315.65	556.00	224.38	157.59	159.84	337.99	2,835.71
1970	Wet	138.24	81.96	462.76	576.37	322.23	137.74	119.70	125.14	170.32	407.95	307.71	249.81	3,099.93
1971	Wet	119.21	74.92	64.53	67.84	63.12	219.66	217.07	381.53	287.06	419.65	285.65	365.82	2,566.06
1972	Below Normal	122.15	71.40	47.76	48.50	46.71	69.16	119.65	119.04	191.09	392.38	297.55	205.82	1,731.21
1973	Above Normal	48.90	44.12	45.87	48.87	283.36	203.79	98.93	182.10	234.73	386.33	240.55	215.15	2,032.70
1974	Wet	119.16	48.67	270.28	578.66	174.54	582.37	335.59	304.48	254.41	326.04	113.41	341.36	3,448.97
1975	Wet	137.66	78.27	53.47	55.52	243.87	435.61	88.06	393.09	314.87	383.49	105.14	371.16	2,660.21
1976	Critical	89.91	76.78	153.38	49.53	50.63	56.57	122.73	127.39	133.09	316.60	160.19	181.14	1,517.94
1977	Critical	96.43	27.26	30.73	30.26	27.26	25.33	67.02	49.38	95.29	32.21	31.84	30.86	543.87
1978	Above Normal	24.72	18.91	18.53	35.53	22.86	180.31	208.85	129.87	163.84	371.91	297.29	270.08	1,742.70
1979	Below Normal	148.43	74.31	187.66	35.74	30.48	29.40	82.53	128.37	240.06	380.86	273.26	92.69	1,703.79
1980	Above Normal	82.30	51.90	51.91	315.23	539.41	176.62	98.65	119.81	126.03	280.45	104.43	89.54	2,036.28
1981	Dry	161.10	85.77	114.90	63.91	110.28	235.65	88.27	122.33	242.52	374.44	220.72	228.43	2,048.32
1982	Wet	57.60	31.48	444.85	278.01	529.40	456.83	575.19	384.90	234.07	230.39	118.30	185.56	3,526.58
1983	Wet	166.70	289.86	372.49	428.14	521.91	575.85	322.40	515.71	511.46	211.56	137.14	226.64	4,279.86
1984	Wet	196.78	489.14	580.66	185.68	274.46	309.52	107.84	127.38	220.40	437.63	248.77	325.64	3,503.90
1985	Dry	118.53	45.02	46.45	52.38	45.03	50.27	100.90	188.07	210.11	365.08	166.41	157.46	1,545.71
1986	Wet	120.42	61.96	38.96	39.44	486.52	577.50	88.15	125.08	152.95	389.70	176.81	343.30	2,600.79
1987	Dry	142.52	71.54	167.16	46.89	41.25	45.28	85.27	143.89	171.06	185.22	71.51	61.27	1,232.86
1988	Critical	34.25	23.45	42.04	26.80	31.35	43.65	59.09	78.78	116.69	223.35	59.31	54.00	792.76
1989	Dry	29.13	35.95	17.96	17.44	23.66	17.99	87.49	176.15	224.47	365.11	249.97	170.21	1,415.53
1990	Critical	53.00	64.51	89.52	18.37	17.01	16.89	109.62	67.98	104.80	298.02	52.20	65.45	957.37
1991	Critical	37.04	16.73	30.55	32.66	20.12	33.31	46.63	60.71	135.67	253.45	56.95	58.09	781.91
1992	Critical	28.12	18.45	21.94	19.71	34.92	15.67	60.21	125.21	151.67	93.55	84.97	88.22	742.64
1993	Above Normal	24.22	17.97	15.70	35.52	18.44	283.71	169.40	347.59	244.45	423.71	337.33	318.13	2,236.17
1994	Critical	133.08	69.74	114.26	32.60	27.50	24.91	109.53	97.39	122.12	314.49	100.54	73.31	1,219.47
1995	Wet	53.95	27.01	42.53	28.86	227.25	575.85	479.59	606.44	467.97	188.51	162.25	182.60	3,042.81
1996	Wet	185.27	153.40	136.91	404.86	538.70	341.08	271.46	428.83	193.59	407.64	197.15	362.83	3,621.72
1997	Wet	133.33	78.00	490.60	575.85	311.49	182.18	120.70	120.68	166.11	388.23	206.95	331.35	3,105.47
1998	Wet	129.11	72.13	61.14	46.64	517.88	478.87	139.98	362.41	500.28	203.25	130.73	221.62	2,864.04
1999	Wet	195.45	280.80	202.74	471.55	501.99	379.32	98.35	121.22	147.24	396.91	165.02	234.37	3,194.96
2000	Above Normal	145.01	76.20	204.36	49.90	271.63	315.72	80.64	132.54	226.71	446.30	317.18	280.97	2,547.16
2001	Dry	115.25	68.96	178.02	44.14	39.88	42.88	81.33	139.27	171.75	199.59	74.36	59.88	1,215.31
2002	Dry	62.76	28.57	41.50	27.02	28.25	23.67	102.07	91.31	126.98	318.93	94.32	164.10	1,109.48
2003	Above Normal	58.92	45.49	57.55	44.21	42.73	49.89	68.14	245.67	174.66	448.07	312.19	310.45	1,857.97
	Average	94.87	65.47	109.99	123.00	159.70	175.67	154.13	200.66	209.40	332.30	207.69	207.47	2,040.37
	Wet	111.61	96.85	166.30	274.75	336.94	354.73	262.88	336.05	274.59	328.01	200.00	324.65	3,067.35
	Above Normal	86.59	53.52	119.47	100.13	157.96	229.64	131.67	197.76	213.10	409.38	290.39	268.16	2,257.76
	Below Normal	99.68	57.15	85.08	45.06	87.67	70.44	95.27	127.52	186.32	394.39	300.96	147.11	1,696.67
	Dry	90.20	51.19	76.07	39.79	44.06	52.14	97.53	129.96	187.05	334.17	178.50	142.67	1,423.33
	Critical	68.26	40.54	58.47	32.84	34.93	41.83	94.55	101.61	124.91	189.31	76.66	60.50	924.41

Energy generated (GWh) at Oroville Dam: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	162.24	78.67	106.18	49.81	79.22	158.45	119.22	609.34	325.41	368.29	236.62	341.28	2,634.73
1923	Below Normal	134.61	79.27	123.02	49.86	104.85	54.44	86.27	123.21	128.61	373.66	305.31	139.02	1,702.13
1924	Critical	122.15	72.45	118.99	44.42	42.74	72.37	95.81	114.16	124.55	119.73	69.89	34.18	1,031.44
1925	Dry	21.09	20.36	21.42	36.66	19.50	19.91	63.41	95.00	204.87	342.91	176.94	168.53	1,190.60
1926	Dry	59.26	26.93	42.77	18.39	18.24	44.49	48.32	183.26	245.35	355.93	223.81	87.21	1,353.96
1927	Wet	26.15	40.07	112.37	20.06	76.47	238.14	223.48	228.22	165.78	425.43	342.72	358.01	2,256.90
1928	Above Normal	122.20	71.87	89.11	45.00	121.78	267.29	86.98	126.06	260.13	424.25	316.94	264.90	2,196.51
1929	Critical	111.99	32.66	41.60	51.81	42.38	43.44	114.71	149.47	124.79	88.20	71.00	35.87	907.92
1930	Dry	29.59	19.72	115.22	19.78	102.09	19.40	71.66	105.39	227.67	365.85	184.53	167.50	1,428.40
1931	Critical	51.70	24.76	22.51	21.75	20.44	20.05	139.43	101.87	118.89	198.64	84.14	35.60	839.78
1932	Dry	25.28	19.82	106.45	19.02	35.41	76.02	94.30	76.99	107.75	316.90	258.67	56.63	1,193.24
1933	Critical	25.49	29.96	21.63	37.50	19.25	122.15	92.96	111.88	131.70	121.09	70.21	36.61	820.43
1934	Critical	26.70	20.64	65.17	35.07	83.76	20.38	111.35	128.18	130.54	79.77	76.96	33.10	811.62
1935	Below Normal	37.29	19.62	20.00	35.87	20.10	19.10	55.75	120.03	170.55	397.23	321.38	199.30	1,416.22
1936	Below Normal	78.13	59.28	47.62	45.66	167.79	184.17	88.60	119.32	143.60	387.81	321.68	108.93	1,752.59
1937	Below Normal	148.53	79.07	156.22	47.37	41.05	48.42	85.71	124.19	331.71	354.85	226.24	79.87	1,723.23
1938	Wet	115.81	43.23	47.96	51.16	392.16	575.85	480.73	607.94	396.29	234.75	229.77	362.03	3,537.68
1939	Dry	138.65	82.89	87.85	54.46	49.88	55.10	185.87	171.15	182.85	369.59	245.98	200.60	1,824.87
1940	Above Normal	23.61	29.44	28.87	44.81	29.73	573.17	185.70	112.45	193.57	440.61	340.81	293.21	2,295.98
1941	Wet	112.52	67.60	45.06	49.01	458.77	386.35	157.31	383.31	219.37	338.08	157.36	395.89	2,770.63
1942	Wet	136.32	80.08	255.29	482.17	520.62	90.67	381.59	280.65	320.86	319.58	196.52	394.14	3,458.49
1943	Wet	149.58	76.54	51.52	552.08	225.96	547.96	178.57	123.07	168.77	437.59	334.16	366.02	3,211.82
1944	Dry	136.66	76.75	155.52	56.67	53.39	58.74	109.97	116.34	208.46	336.74	197.30	61.30	1,567.84
1945	Below Normal	42.78	39.09	55.49	40.06	39.94	49.07	95.09	106.32	135.52	374.13	295.26	135.71	1,408.46
1946	Below Normal	114.20	42.95	46.19	49.81	51.91	95.98	111.69	153.02	187.81	417.43	337.37	161.21	1,769.57
1947	Dry	140.55	73.13	46.79	49.69	43.31	50.46	93.88	156.39	182.73	364.71	224.23	190.71	1,616.58
1948	Below Normal	44.02	35.69	34.61	40.93	32.19	24.91	43.14	88.24	129.61	402.98	317.72	85.55	1,279.59
1949	Dry	79.90	49.70	46.84	48.79	44.53	49.55	103.64	112.07	212.79	359.90	205.68	194.32	1,507.71
1950	Below Normal	33.49	24.18	29.68	35.66	18.39	19.47	92.03	116.64	130.91	400.23	321.40	154.58	1,376.66
1951	Above Normal	63.90	48.76	415.95	393.69	330.91	155.21	113.96	132.68	199.39	441.54	336.66	274.65	2,907.30
1952	Wet	119.70	70.82	47.53	50.21	363.72	238.57	580.03	609.34	408.64	179.85	120.55	344.41	3,133.37
1953	Wet	160.46	85.08	207.66	580.34	47.61	212.03	206.94	196.76	289.76	436.63	225.46	356.51	3,005.24
1954	Above Normal	137.84	76.65	180.67	88.25	45.12	225.47	243.68	122.53	265.44	439.51	324.89	290.53	2,440.58
1955	Dry	119.45	45.94	43.82	45.25	43.62	48.88	108.03	112.99	152.89	328.18	148.94	115.75	1,313.74
1956	Wet	35.81	41.30	65.91	573.64	355.44	220.97	185.51	463.57	250.65	357.32	219.24	356.10	3,125.46
1957	Above Normal	135.93	82.12	218.89	50.81	110.10	165.64	105.88	112.42	143.32	442.38	321.31	269.58	2,158.38
1958	Wet	50.24	69.43	47.46	48.96	512.93	399.62	286.00	453.98	326.91	222.90	146.20	367.58	2,932.21
1959	Below Normal	159.78	86.25	217.07	49.30	236.75	73.07	144.19	126.68	230.03	412.16	300.86	148.67	2,184.81
1960	Dry	88.20	64.33	41.38	28.83	26.27	24.96	117.20	121.88	215.06	365.36	240.38	206.02	1,539.87
1961	Dry	31.05	41.88	36.12	28.54	24.40	26.47	89.65	113.07	155.91	340.60	145.27	43.04	1,076.00
1962	Below Normal	35.81	21.47	34.74	22.15	17.02	18.32	87.93	188.34	175.82	384.14	288.84	176.64	1,451.22
1963	Wet	31.11	31.14	32.00	54.92	507.16	281.10	462.04	196.56	184.40	451.12	319.29	359.07	2,909.91
1964	Dry	120.67	57.57	47.64	45.54	44.22	48.83	123.69	110.59	135.34	350.65	172.93	217.31	1,474.98
1965	Wet	55.46	44.72	91.88	575.85	144.29	179.55	319.65	215.70	175.61	428.52	260.46	368.63	2,860.32
1966	Below Normal	141.25	71.10	47.14	47.66	46.44	52.78	108.64	142.26	212.97	409.94	303.34	217.60	1,801.12
1967	Wet	60.45	56.20	41.77	45.72	45.22	382.47	93.29	425.31	387.15	157.68	130.34	394.88	2,220.48
1968	Below Normal	159.55	80.24	147.66	75.66	373.53	223.70	132.33	129.32	225.73	427.98	292.89	205.24	2,473.83
1969	Wet	85.36	43.27	44.58	317.78	379.48	217.27	315.65	556.00	224.38	161.54	157.19	334.73	2,837.23
1970	Wet	144.42	81.90	458.29	576.37	322.23	137.74	119.70	125.14	170.41	407.89	307.71	249.22	3,101.02
1971	Wet	119.26	74.95	64.55	67.85	63.13	220.32	217.07	381.53	287.06	419.64	285.64	365.81	2,566.81
1972	Below Normal	122.08	71.39	47.76	48.51	46.72	69.26	119.65	119.04	191.09	392.39	297.55	205.83	1,731.27
1973	Above Normal	48.90	44.12	45.87	48.87	283.34	203.79	98.93	182.10	234.73	386.32	240.55	215.12	2,032.64
1974	Wet	119.16	48.67	270.31	578.66	174.54	582.37	335.59	304.48	254.41	325.93	113.30	359.03	3,466.45
1975	Wet	136.99	77.86	53.24	55.34	226.10	435.61	88.07	393.08	314.87	383.52	105.17	371.18	2,641.03
1976	Critical	90.80	76.80	153.38	49.52	50.61	56.56	122.70	127.37	133.06	315.53	160.07	181.11	1,517.51
1977	Critical	96.64	26.69	30.73	30.28	27.27	25.34	67.05	49.40	95.33	32.23	31.86	30.88	543.70
1978	Above Normal	24.74	18.92	18.54	35.55	22.87	181.06	208.85	129.80	163.91	372.11	297.47	270.27	1,744.09
1979	Below Normal	148.23	74.18	188.05	35.71	30.46	29.38	82.52	128.32	239.79	380.57	273.16	119.44	1,729.81
1980	Above Normal	118.26	50.54	50.64	242.54	539.41	176.62	98.44	119.58	125.70	235.75	104.75	182.88	2,045.11
1981	Dry	159.08	84.58	110.26	54.07	76.46	235.65	88.29	122.38	242.64	374.55	220.90	227.00	1,995.86
1982	Wet	61.93	31.49	440.42	278.01	529.40	456.83	575.19	384.90	234.07	230.39	118.30	185.57	3,526.50
1983	Wet	166.69	289.86	372.49	428.14	521.91	575.85	322.40	515.71	511.46	211.56	137.14	226.64	4,279.85
1984	Wet	196.78	489.14	580.66	185.68	274.46	309.52	107.84	127.38	220.40	437.63	248.77	325.68	3,503.94
1985	Dry	118.53	45.02	46.45	52.38	45.03	50.27	100.90	188.07	210.11	365.07	166.40	157.46	1,545.69
1986	Wet	120.41	61.93	38.99	39.44	486.52	577.50	88.15	125.08	152.95	389.71	217.11	307.01	2,604.80
1987	Dry	142.24	71.39	167.14	46.78	41.15	45.19	85.12	143.57	170.59	180.38	71.48	61.22	1,226.25
1988	Critical	34.21	23.42	42.03	26.80	31.36	43.66	59.10	78.76	116.69	223.61	59.28	54.00	792.92
1989	Dry	29.13	35.95	17.96	17.44	23.66	17.99	87.49	176.15	224.47	365.11	247.01	170.43	1,412.79
1990	Critical	53.67	64.59	90.65	18.38	17.02	16.90	109.69	68.02	104.86	298.22	52.24	65.51	959.75
1991	Critical	37.07	16.74	30.57	32.72	20.13	33.34	46.66	60.74	135.74	254.71	55.91	58.14	782.47
1992	Critical	28.14	18.46	21.96	19.73	34.95	15.68	60.24	125.27	151.77	93.61	84.95	88.30	743.06
1993	Above Normal	24.25	17.99	15.71	35.54	18.45	285.29	169.40	347.59	244.45	423.68	337.31	318.13	2,237.79
1994	Critical	133.08	69.74	114.29	32.61	27.51	24.91	109.53	97.39	122.13	314.48	100.57	73.31	1,219.55
1995	Wet	53.95	26.99	42.53	28.86	227.25	575.85	479.59	606.44	467.97	188.51	162.25	182.71	3,042.90
1996	Wet	185.15	153.29	136.80	405.09	538.70	341.08	271.46	428.83	193.59	407.61	197.11	362.81	3,621.52
1997	Wet	133.20	77.90	490.97	575.85	311.49	182.18	120.70	120.68	161.46	396.36	206.84	331.45	3,109.08
1998	Wet	128.90	72.02	61.05	46.58	513.81	478.87	139.98	362.41	500.28	203.25	130.73	221.62	2,859.50
1999	Wet	195.45	280.80	202.74	471.55	501.99	379.33	98.35	121.23	147.23	396.93	165.05	229.79	3,190.44
2000	Above Normal	145.18	76.30	204.58	49.96	276.35	315.72	80.63	132.54	226.73	446.28	317.21	281.01	2,552.49
2001	Dry	115.22	68.94	172.66	44.27	39.98	42.99	81.53	139.61	172.21	205.11	74.37	59.89	1,216.78
2002	Dry	62.77	28.57	41.50	27.02	28.24	23.66	102.07	91.30	126.97	318.92	92.26	166.35	1,109.63
2003	Above Normal	58.92	45.29	57.54	44.21	42.73	49.89	68.14	245.67	174.66	448.07	312.19	310.46	1,857.77
	Average	95.07	65.01	110.16	121.79	158.85	175.32	154.05	200.53	209.69	330.25	209.00	209.81	2,039.54
	Wet	111.59	96.78	165.54	274.59	335.44	354.75	262.88	336.05	274.41	328.84	201.32	326.02	3,068.21
	Above Normal	88.83	53.39	119.38	94.09	158.33	229.80	131.65	197.73	213.12	405.73	290.56	276.00	2,258.61
	Below Normal	99.98	55.98	85.38	44.59	87.65	68.72	95.25	127.50	188.13	393.96	300.21	152.69	1,700.04
	Dry	89.85	50.75	74.88	38.53	42.19	52.14	97.50	129.79	187.70	333.69	183.17	141.74	1,421.93
	Critical	67.64	39.74	62.79	33.38	34.79	41.23	94.10	101.04	124.17	178.32	76.42	60.55	914.18

Difference in Energy generated (GWh) at Oroville Dam: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.18	(0.19)	0.00	0.00	0.00	0.00	0.97	1.03	0.21	0.18
1923	Below Normal	0.91	0.59	0.00	(0.03)	5.12	0.00	(0.08)	(0.11)	(0.09)	(1.32)	(1.09)	23.26	2.26
1924	Critical	35.53	(1.54)	59.40	(2.69)	(2.41)	(3.52)	(5.22)	(6.55)	(8.21)	(126.61)	(0.96)	0.23	(5.21)
1925	Dry	0.18	0.13	0.10	0.10	0.10	(0.16)	(0.11)	(0.19)	10.44	(1.09)	(4.68)	(0.25)	0.38
1926	Dry	(5.15)	(4.54)	(2.28)	(12.75)	0.25	0.49	0.36	0.25	2.38	(5.64)	32.13	2.06	0.63
1927	Wet	0.14	0.11	0.00	(0.02)	(0.34)	0.00	0.00	0.00	0.00	(0.06)	(0.26)	(0.01)	(0.04)
1928	Above Normal	(0.09)	(0.06)	(0.02)	(0.01)	0.01	0.68	(0.05)	(0.09)	0.46	(0.17)	0.48	0.36	0.12
1929	Critical	(0.99)	0.64	(0.06)	(0.62)	0.68	(2.26)	0.12	0.16	0.19	0.16	(0.82)	0.12	(0.22)
1930	Dry	0.10	0.07	0.18	0.05	0.10	(0.01)	0.02	0.02	0.20	0.31	2.64	(0.20)	0.29
1931	Critical	(3.25)	(3.32)	0.07	0.12	0.07	0.07	0.43	0.39	0.38	7.04	0.10	0.02	0.18
1932	Dry	0.01	0.01	(0.02)	0.00	(0.01)	(0.02)	(0.01)	0.00	0.00	(0.08)	60.23	(6.83)	4.44
1933	Critical	(40.56)	(4.86)	(8.71)	9.59	(0.16)	(0.98)	(0.74)	(0.85)	(1.32)	(13.10)	0.08	0.09	(5.13)
1934	Critical	0.07	0.05	0.00	(0.01)	(0.02)	(0.58)	(0.11)	(0.12)	(0.14)	(0.15)	(0.10)	(0.05)	(0.10)
1935	Below Normal	5.91	(0.12)	(0.09)	(0.13)	(0.07)	(0.04)	(0.07)	(0.09)	(0.05)	(0.47)	(0.50)	(0.46)	0.32
1936	Below Normal	0.99	0.63	(0.15)	(0.16)	(9.26)	0.00	0.00	0.00	0.00	0.32	(0.01)	2.21	(0.45)
1937	Below Normal	(0.10)	(0.07)	(0.23)	(0.05)	(0.06)	(0.04)	(0.05)	(0.05)	20.69	(1.94)	(8.23)	(0.50)	0.78
1938	Wet	(0.82)	(0.30)	(0.23)	(0.20)	(16.81)	0.00	0.00	0.00	0.00	8.25	(2.11)	31.51	1.61
1939	Dry	(1.07)	(0.65)	(9.22)	(0.35)	(0.30)	(0.32)	(0.89)	(3.27)	(1.33)	(2.75)	(3.21)	(8.08)	(2.62)
1940	Above Normal	(9.29)	(0.08)	(1.30)	(0.08)	(0.03)	(0.20)	0.00	0.00	(0.02)	0.00	0.02	0.03	(0.91)
1941	Wet	0.11	(0.01)	0.00	0.00	(0.19)	0.00	0.00	0.00	0.00	0.02	0.01	(0.01)	(0.01)
1942	Wet	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.09)	15.13	1.25
1943	Wet	(0.60)	(0.32)	(0.18)	(16.21)	0.00	0.00	0.00	(0.04)	0.04	(0.48)	(0.07)	(0.06)	(1.49)
1944	Dry	(0.06)	0.04	0.33	0.09	0.08	0.10	0.00	0.00	(0.06)	(0.05)	0.24	2.40	0.26
1945	Below Normal	(0.09)	(0.08)	(0.10)	(0.06)	(0.05)	(0.07)	(0.07)	(0.07)	(0.08)	(0.60)	(0.32)	30.13	2.38
1946	Below Normal	(1.87)	(17.13)	(0.31)	(0.21)	4.28	(24.07)	0.01	(0.01)	6.14	(0.46)	(0.47)	(2.15)	(3.02)
1947	Dry	(0.14)	(0.08)	(0.05)	(0.07)	(0.04)	(0.05)	(0.06)	(0.08)	(0.09)	(0.28)	(1.16)	(2.24)	(0.36)
1948	Below Normal	0.00	0.00	0.00	0.00	(0.06)	0.00	0.00	0.00	0.01	0.01	0.08	0.08	0.01
1949	Dry	0.11	0.11	(0.01)	0.00	(0.01)	(0.01)	(0.01)	(0.02)	0.00	(0.02)	1.00	(0.14)	0.08
1950	Below Normal	(1.24)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.36)	0.11	0.05	(0.20)
1951	Above Normal	0.03	0.01	1.42	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	(0.01)	0.12
1952	Wet	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.48)	12.52	1.00
1953	Wet	(1.08)	(0.67)	(10.83)	0.00	(0.01)	0.01	0.00	0.00	0.00	(0.05)	(0.01)	(0.06)	(1.06)
1954	Above Normal	0.04	0.03	(0.05)	0.01	0.00	0.11	0.00	0.02	0.02	0.02	0.02	0.02	0.02
1955	Dry	0.76	(0.01)	(0.01)	(0.02)	(0.01)	(0.03)	(0.04)	(0.04)	(0.07)	(0.14)	(0.11)	(4.83)	(0.38)
1956	Wet	0.09	0.11	0.12	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.13
1957	Above Normal	(0.03)	(0.02)	(0.04)	(0.01)	(0.03)	(0.98)	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.07	0.01
1959	Below Normal	(0.01)	0.00	0.03	(0.01)	(0.16)	0.00	(0.02)	(0.02)	0.02	0.08	(0.04)	(0.78)	(0.08)
1960	Dry	(0.81)	(1.20)	(0.49)	0.07	0.05	0.04	0.12	0.11	0.17	0.38	1.67	0.32	0.04
1961	Dry	2.18	0.00	0.01	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.18
1962	Below Normal	0.00	0.00	(0.02)	0.01	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	0.02	0.00
1963	Wet	0.00	0.00	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	2.26	0.01	1.23	0.29
1964	Dry	0.00	(0.54)	0.01	0.01	0.01	0.01	0.02	0.01	0.03	0.06	0.18	0.05	(0.01)
1965	Wet	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.15)	0.06	0.00	0.02
1966	Below Normal	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01	0.05	0.10	(0.01)	(0.02)	(0.62)	(0.04)
1967	Wet	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	1.30	0.16
1968	Below Normal	(0.06)	(0.03)	4.59	(5.99)	0.00	0.00	(0.02)	(0.03)	(1.23)	0.05	0.21	0.08	(0.20)
1969	Wet	(8.72)	0.17	0.18	11.85	0.00	0.00	0.00	0.00	0.00	3.95	(2.65)	(3.26)	0.13
1970	Wet	6.18	(0.06)	(4.47)	0.00	0.00	0.00	0.00	0.00	0.09	(0.06)	0.00	(0.59)	0.09
1971	Wet	0.05	0.03	0.02	0.01	0.01	0.66	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.06
1972	Below Normal	(0.07)	(0.01)	0.00	0.01	0.01	0.10	0.00	0.00	0.00	0.01	0.00	0.01	0.01
1973	Above Normal	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.03)	(0.01)
1974	Wet	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	(0.11)	(0.11)	17.67	1.46
1975	Wet	(0.67)	(0.41)	(0.23)	(0.18)	(17.77)	0.00	0.01	(0.01)	0.00	0.03	0.03	0.02	(1.60)
1976	Critical	0.89	0.02	0.00	(0.01)	(0.02)	(0.01)	(0.03)	(0.02)	(0.03)	(1.07)	(0.12)	(0.03)	(0.04)
1977	Critical	0.21	(0.57)	0.00	0.02	0.01	0.01	0.03	0.02	0.04	0.02	0.02	0.02	(0.01)
1978	Above Normal	0.02	0.01	0.01	0.02	0.01	0.75	0.00	(0.07)	0.07	0.20	0.18	0.19	0.12
1979	Below Normal	(0.20)	(0.13)	0.39	(0.03)	(0.02)	(0.02)	(0.01)	(0.05)	(0.27)	(0.29)	(0.10)	26.75	2.17
1980	Above Normal	35.96	(1.36)	(1.27)	(72.69)	0.00	0.00	(0.21)	(0.23)	(0.33)	(44.70)	0.32	93.34	0.74
1981	Dry	(2.02)	(1.19)	(4.64)	(9.84)	(33.82)	0.00	0.02	0.05	0.12	0.11	0.18	(1.43)	(4.37)
1982	Wet	4.33	0.01	(4.43)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)
1983	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00
1986	Wet	(0.01)	(0.03)	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	40.30	(36.29)	0.33
1987	Dry	(0.28)	(0.15)	(0.02)	(0.11)	(0.10)	(0.09)	(0.15)	(0.32)	(0.47)	(4.84)	(0.03)	(0.05)	(0.55)
1988	Critical	(0.04)	(0.03)	(0.01)	0.00	0.01	0.01	0.01	(0.02)	0.00	0.26	(0.03)	0.00	0.01
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(2.96)	0.22	(0.23)
1990	Critical	0.67	0.08	1.13	0.01	0.01	0.01	0.07	0.04	0.06	0.20	0.04	0.06	0.20
1991	Critical	0.03	0.01	0.02	0.06	0.01	0.03	0.03	0.03	0.07	1.26	(1.04)	0.05	0.05
1992	Critical	0.02	0.01	0.02	0.02	0.03	0.01	0.03	0.06	0.10	0.06	(0.02)	0.08	0.04
1993	Above Normal	0.03	0.02	0.01	0.02	0.01	1.58	0.00	0.00	0.00	(0.03)	(0.02)	0.00	0.14
1994	Critical	0.00	0.00	0.03	0.01	0.01	0.00	0.00	0.00	0.01	(0.01)	0.03	0.00	0.01
1995	Wet	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.01
1996	Wet	(0.12)	(0.11)	(0.11)	0.23	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.04)	(0.02)	(0.02)
1997	Wet	(0.13)	(0.10)	0.37	0.00	0.00	0.00	0.00	0.00	(4.65)	8.13	(0.11)	0.10	0.30
1998	Wet	(0.21)	(0.11)	(0.09)	(0.06)	(4.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.38)
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	(0.01)	0.02	0.03	(4.58)	(0.38)
2000	Above Normal	0.17	0.10	0.22	0.06	4.72	0.00	(0.01)	0.00	0.02	(0.02)	0.03	0.04	0.44
2001	Dry	(0.03)	(0.02)	(5.36)	0.13	0.10	0.11	0.20	0.34	0.46	5.52	0.01	0.01	0.12
2002	Dry	0.01	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	(0.01)	(0.01)	(2.06)	2.25	0.01
2003	Above Normal	0.00	(0.20)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.02)
	Average	0.21	(0.45)	0.17	(1.22)	(0.86)	(0.35)	(0.08)	(0.13)	0.29	(2.05)	1.31	2.34	(0.07)
	Wet	(0.02)	(0.07)	(0.76)	(0.17)	(1.51)	0.03	0.00	(0.00)	(0.17)	0.83	1.33	1.37	0.07
	Above Normal	2.24	(0.13)	(0.09)	(6.04)	0.37	0.16	(0.02)	(0.03)	0.02	(3.65)	0.17	7.85	0.07
	Below Normal	0.30	(1.17)	0.29	(0.48)	(0.02)	(1.72)	(0.02)	(0.03)	1.80	(0.43)	(0.74)	5.58	0.28
	Dry	(0.34)	(0.45)	(1.19)	(1.26)	(1.87)	0.00	(0.03)	(0.18)	0.65	(0.47)	4.67	(0.93)	(0.12)
	Critical	(0.62)	(0.79)	4.32	0.54	(0.15)	(0.60)	(0.45)	(0.57)	(0.74)	(11.00)	(0.24)	0.05	(0.85)

Percent Difference in Energy generated (GWh) at Oroville Dam: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	1%	1%	0%	0%	5%	0%	0%	0%	0%	0%	0%	20%
1924	Critical	41%	-2%	100%	-6%	-5%	-5%	-5%	-5%	-6%	-51%	-1%	1%
1925	Dry	1%	1%	0%	0%	1%	-1%	0%	0%	5%	0%	-3%	0%
1926	Dry	-8%	-14%	-5%	-41%	1%	1%	1%	0%	1%	-2%	17%	2%
1927	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	-1%	2%	0%	-1%	2%	-5%	0%	0%	0%	0%	-1%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1931	Critical	-6%	-12%	0%	1%	0%	0%	0%	0%	0%	4%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	30%	-11%
1933	Critical	-61%	-14%	-29%	34%	-1%	-1%	-1%	-1%	-1%	-10%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%
1935	Below Normal	19%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	1%	1%	0%	0%	-5%	0%	0%	0%	0%	0%	0%	2%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	7%	-1%	-4%	-1%
1938	Wet	-1%	-1%	0%	0%	-4%	0%	0%	0%	0%	4%	-1%	10%
1939	Dry	-1%	-1%	-9%	-1%	-1%	-1%	0%	-2%	-1%	-1%	-1%	-4%
1940	Above Normal	-28%	0%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%
1943	Wet	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	29%
1946	Below Normal	-2%	-29%	-1%	0%	9%	-20%	0%	0%	3%	0%	0%	-1%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%
1953	Wet	-1%	-1%	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-4%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1960	Dry	-1%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1961	Dry	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1964	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	3%	-7%	0%	0%	0%	0%	-1%	0%	0%	0%
1969	Wet	-9%	0%	0%	4%	0%	0%	0%	0%	0%	3%	-2%	-1%
1970	Wet	4%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%
1975	Wet	0%	-1%	0%	0%	-7%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	29%
1980	Above Normal	44%	-3%	-2%	-23%	0%	0%	0%	0%	0%	-16%	0%	104%
1981	Dry	-1%	-1%	-4%	-15%	-31%	0%	0%	0%	0%	0%	0%	-1%
1982	Wet	8%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	23%	-11%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1990	Critical	1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-3%	2%	0%	0%
1998	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
2000	Above Normal	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-3%	0%	0%	0%	0%	0%	0%	3%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	-1%	0%	-1%	0%	0%	0%	0%	0%	-1%	1%	2%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
	Above Normal	1%	0%	-1%	-2%	0%	0%	0%	0%	0%	-1%	0%	9%
	Below Normal	1%	-2%	0%	-1%	1%	-1%	0%	0%	1%	0%	0%	5%
	Dry	0%	-1%	-1%	-3%	-2%	0%	0%	0%	0%	0%	2%	-1%
	Critical	-2%	-2%	6%	2%	0%	-1%	0%	0%	-1%	-5%	0%	0%

Energy generated (GWh) at SWP San Luis: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	6.00	0.00	0.00	0.00	0.00	44.96	46.73	0.00	0.00	0.00	0.00	97.69
1923	Below Normal	0.00	5.17	0.00	12.80	9.53	21.95	32.91	40.40	30.75	0.00	0.00	0.00	153.51
1924	Critical	0.00	0.00	0.00	0.00	0.00	18.31	22.34	20.98	29.41	0.00	24.72	10.35	126.11
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	30.41	47.26	38.66	0.00	20.03	0.00	136.36
1926	Dry	0.00	0.00	0.00	0.00	0.00	20.75	16.57	34.30	21.53	0.00	10.38	0.00	103.53
1927	Wet	6.71	0.00	0.00	0.00	0.00	0.00	53.25	55.88	33.06	0.00	0.00	0.00	148.90
1928	Above Normal	1.14	9.00	0.00	4.46	25.83	0.00	50.43	50.93	26.69	0.00	0.00	0.00	168.48
1929	Critical	0.00	16.01	0.00	1.29	2.64	0.00	1.68	12.39	26.44	28.40	20.35	6.87	116.07
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	17.54	27.07	30.74	0.00	6.76	0.00	82.11
1931	Critical	0.00	0.00	0.00	0.00	0.00	4.81	27.25	32.10	37.24	0.00	26.03	10.39	137.82
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	38.41	39.94	55.12	0.00	0.00	5.56	139.03
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	26.36	37.12	56.10	31.36	31.18	14.00	196.12
1934	Critical	2.69	0.00	0.00	0.00	0.00	0.00	30.32	29.00	43.95	28.68	10.52	0.00	145.16
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	37.14	45.73	21.57	0.00	0.00	0.00	104.44
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	47.70	64.56	46.42	0.00	0.00	0.00	158.68
1937	Below Normal	0.00	6.31	0.00	0.00	0.00	0.00	48.36	51.10	22.93	0.00	13.91	17.51	160.12
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	15.79	0.00	0.00	0.00	0.00	0.00	15.79
1939	Dry	4.30	41.98	0.00	17.25	30.91	49.41	46.57	37.53	35.52	0.00	0.48	0.00	263.95
1940	Above Normal	7.62	6.75	0.00	0.00	0.00	0.00	29.08	37.21	25.40	0.00	0.00	0.00	106.06
1941	Wet	0.00	8.90	0.00	0.00	0.00	0.00	34.95	38.07	17.86	0.00	0.00	0.00	99.78
1942	Wet	9.46	30.52	0.00	0.00	0.00	1.75	53.63	46.98	20.94	0.00	0.00	0.00	163.28
1943	Wet	3.18	22.17	0.00	0.00	0.00	0.00	53.43	54.95	37.11	0.00	0.00	0.00	170.84
1944	Dry	9.93	28.35	0.00	0.00	0.00	0.00	21.43	23.72	23.59	0.00	0.00	1.99	109.01
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	49.61	59.00	45.56	0.00	0.00	0.00	154.17
1946	Below Normal	0.00	0.00	0.00	0.12	7.67	2.63	51.63	54.80	41.22	0.00	0.00	0.00	158.07
1947	Dry	0.00	0.00	0.00	14.70	7.65	19.49	43.07	48.80	44.47	0.00	4.90	0.00	183.08
1948	Below Normal	0.00	0.00	0.58	2.66	17.10	0.00	11.35	23.25	0.00	0.00	0.00	0.00	54.94
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	49.18	50.97	32.77	0.00	6.72	0.00	139.64
1950	Below Normal	10.42	6.62	1.89	0.00	0.00	0.00	27.37	34.55	1.59	0.00	0.00	0.00	82.44
1951	Above Normal	0.00	0.00	0.00	0.12	0.00	0.00	46.30	58.24	38.06	0.00	0.00	0.00	142.72
1952	Wet	1.82	0.00	0.00	0.00	12.16	0.00	23.04	23.23	0.00	0.00	0.00	0.00	60.25
1953	Wet	2.71	32.84	0.00	22.32	15.24	20.24	52.16	41.71	36.09	0.00	0.00	0.00	223.31
1954	Above Normal	5.19	16.30	0.00	11.18	9.11	0.00	36.37	35.26	28.09	0.00	0.00	0.00	141.50
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	32.20	42.11	47.71	0.00	20.46	0.00	142.48
1956	Wet	1.40	0.00	0.00	0.00	0.00	0.00	54.15	61.03	27.00	0.00	0.00	0.00	143.58
1957	Above Normal	5.14	22.64	0.00	12.90	29.71	17.13	16.50	21.70	0.00	0.00	0.00	0.00	125.72
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	33.04	52.56	16.84	0.00	0.00	0.00	102.44
1959	Below Normal	1.48	34.29	0.00	30.51	19.31	8.08	26.71	27.71	20.04	0.00	0.00	0.00	168.13
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	43.54	32.00	31.88	0.00	0.03	0.00	107.45
1961	Dry	10.40	0.00	0.00	0.00	0.00	0.00	33.34	36.73	49.15	0.00	6.47	0.00	136.09
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	26.71	27.86	7.96	0.00	0.00	0.00	62.53
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	48.73	50.94	34.57	0.00	0.00	0.00	134.24
1964	Dry	0.00	0.00	0.00	0.12	0.00	4.18	53.32	52.70	46.48	0.00	18.14	0.00	174.94
1965	Wet	3.22	0.00	0.00	0.00	0.00	0.00	38.23	39.73	23.85	0.00	0.00	0.00	105.03
1966	Below Normal	9.61	0.00	0.00	1.27	8.85	5.44	37.92	40.37	36.86	0.00	0.00	0.00	140.32
1967	Wet	0.12	0.00	0.00	0.00	0.00	0.00	35.20	35.16	0.00	0.00	0.00	0.00	70.48
1968	Below Normal	0.00	38.26	0.00	17.12	37.74	17.97	39.84	36.93	37.68	0.00	0.00	0.00	225.54
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	6.48	0.00	0.00	0.00	0.00	0.00	6.48
1970	Wet	0.00	39.91	0.00	0.00	0.00	0.00	51.78	57.73	45.80	0.00	0.00	6.18	201.40
1971	Wet	4.01	0.00	0.00	13.84	16.19	0.00	29.49	30.82	24.95	0.00	0.00	0.00	119.30
1972	Below Normal	0.00	19.54	0.00	0.00	3.98	7.72	31.40	39.90	39.47	0.00	0.00	0.00	142.01
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	48.43	58.81	37.74	0.00	0.00	0.00	144.98
1974	Wet	0.00	0.00	0.00	0.53	15.47	0.00	56.65	62.10	32.39	0.00	0.00	0.00	167.14
1975	Wet	0.00	26.82	0.00	13.74	18.27	0.00	46.41	41.35	19.75	0.00	0.00	0.00	166.34
1976	Critical	0.00	23.65	0.00	11.73	26.37	0.00	28.86	38.93	30.55	0.00	2.87	0.00	162.96
1977	Critical	0.00	8.84	8.64	0.00	3.15	7.79	6.06	0.00	0.00	0.00	0.00	0.00	34.48
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	18.88	14.45	0.00	0.00	0.00	0.00	33.33
1979	Below Normal	0.00	13.75	0.00	0.00	0.00	0.00	45.93	51.08	47.16	0.00	0.00	2.57	160.49
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	35.24	48.06	18.21	0.00	3.92	29.23	134.66
1981	Dry	0.00	27.94	0.00	11.56	16.01	4.17	25.04	27.38	13.28	0.00	0.94	0.00	126.32
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.05	24.85	0.00	0.00	0.00	67.90
1983	Wet	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13
1984	Wet	0.00	0.00	0.00	0.12	0.00	0.00	46.00	58.80	45.08	0.00	0.00	0.00	150.00
1985	Dry	0.00	0.00	0.00	8.97	12.29	16.34	43.65	47.60	34.35	0.00	15.50	0.00	178.70
1986	Wet	0.00	0.00	0.00	21.05	0.00	0.00	42.01	54.48	25.50	0.00	27.00	0.00	170.04
1987	Dry	0.00	28.24	0.00	13.42	14.56	1.19	24.05	12.56	25.33	0.00	17.07	0.00	136.42
1988	Critical	3.88	0.03	0.00	0.00	4.36	0.00	5.71	7.06	20.79	0.00	16.42	1.87	60.12
1989	Dry	2.77	0.00	0.00	0.00	0.00	0.00	29.67	33.32	24.99	0.00	0.24	0.00	90.99
1990	Critical	0.00	2.13	0.00	0.00	0.00	3.34	18.78	13.12	28.80	0.00	19.99	0.94	87.10
1991	Critical	4.06	1.63	0.00	1.89	0.00	0.00	6.54	9.73	0.00	0.00	14.07	3.61	41.53
1992	Critical	0.09	0.21	0.00	0.00	0.00	0.00	9.78	11.12	6.45	1.32	0.00	0.00	28.97
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	34.75	38.21	5.68	0.00	0.00	0.00	78.64
1994	Critical	0.00	23.85	0.00	0.00	0.00	0.00	26.81	28.23	39.21	0.00	2.34	0.00	120.44
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	39.36	0.00	0.00	0.00	0.00	0.00	39.36
1996	Wet	17.64	20.99	0.00	15.52	0.00	0.00	48.21	46.85	20.36	0.00	0.00	0.00	169.57
1997	Wet	18.38	23.87	0.00	0.00	0.00	0.00	54.19	57.92	36.87	0.00	0.00	0.00	191.23
1998	Wet	6.09	23.23	0.00	14.86	0.00	0.00	35.62	41.69	0.00	0.00	0.00	0.00	121.49
1999	Wet	0.00	0.00	0.00	6.54	0.00	0.00	50.38	55.49	33.12	0.00	0.00	8.49	154.02
2000	Above Normal	11.88	28.65	0.00	20.78	0.00	0.00	40.74	45.31	34.64	0.00	0.00	0.00	182.00
2001	Dry	3.59	19.63	0.00	0.00	0.00	0.00	19.20	28.43	23.03	0.00	26.77	0.00	120.65
2002	Dry	8.21	0.00	0.00	0.00	0.00	0.00	50.61	47.97	44.01	0.00	26.95	0.00	177.75
2003	Above Normal	23.11	4.39	0.00	0.00	0.00	0.00	26.76	24.01	1.32	0.00	0.00	0.00	79.59
	Average	2.44	8.16	0.14	3.70	4.44	3.08	33.82	37.03	25.76	1.09	4.82	1.46	125.96
	Wet	2.87	8.82	0.00	4.18	2.97	0.85	38.55	40.40	21.38	0.00	1.04	0.56	121.63
	Above Normal	4.51	7.81	0.00	4.12	5.39	1.43	35.70	39.91	17.99	0.00	0.33	2.44	119.61
	Below Normal	1.54	8.85	0.18	4.61	7.44	4.56	36.76	42.66	28.52	0.00	0.99	1.43	137.53
	Dry	2.18	8.12	0.00	3.67	4.52	6.42	34.32	37.24	34.59	0.00	10.10	0.42	141.58
	Critical	0.89	6.36	0.72	1.24	3.04	2.85	17.54	19.98	26.58	7.48	14.04	4.00	104.74

Energy generated (GWh) at SWP San Luis: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	6.00	0.00	0.00	0.00	0.00	47.91	49.58	0.25	0.00	0.00	0.00	103.74
1923	Below Normal	0.00	5.83	0.00	12.88	7.65	28.10	36.81	23.69	0.00	0.00	0.00	0.00	114.96
1924	Critical	0.00	0.00	0.00	0.00	2.37	20.03	21.85	19.40	26.31	0.00	0.00	0.00	89.96
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	20.99	21.62	19.06	0.00	6.67	0.00	68.34
1926	Dry	0.00	0.00	0.00	0.00	0.00	19.24	14.76	25.60	23.80	0.00	1.51	0.00	84.91
1927	Wet	1.60	0.00	0.00	0.00	0.00	0.00	45.75	42.46	28.70	0.00	0.00	0.00	118.51
1928	Above Normal	0.31	7.90	0.00	3.49	21.54	0.00	41.92	39.63	18.22	0.00	0.00	0.00	133.01
1929	Critical	0.00	11.94	0.00	0.00	0.00	0.00	1.79	10.79	20.82	22.54	0.00	0.00	67.88
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	15.51	23.59	22.55	0.00	7.45	0.00	69.10
1931	Critical	0.00	0.00	0.00	0.00	0.00	5.18	26.18	30.22	32.59	0.00	19.10	0.00	113.27
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	37.28	38.29	50.84	0.00	0.00	0.00	126.41
1933	Critical	8.75	5.39	0.00	0.00	0.00	0.00	27.77	38.95	58.45	39.57	32.87	14.80	226.55
1934	Critical	1.32	0.00	0.00	0.00	0.00	0.00	28.40	26.59	40.58	25.68	7.32	0.00	129.89
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	38.44	47.30	25.37	0.00	0.00	0.00	111.11
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	47.73	63.84	44.73	0.00	0.00	0.00	156.30
1937	Below Normal	0.00	6.13	0.00	0.00	0.00	0.00	51.09	55.57	14.49	0.00	15.13	15.26	157.67
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	19.73	28.95	0.00	0.00	0.00	0.00	48.68
1939	Dry	1.64	39.74	0.00	16.25	29.41	46.22	41.35	35.41	34.24	0.00	0.04	0.00	244.30
1940	Above Normal	9.89	4.23	0.00	0.00	0.00	0.00	29.58	37.60	24.90	0.00	0.00	0.00	106.20
1941	Wet	0.00	8.84	0.00	0.00	0.00	0.00	34.83	39.37	18.11	0.00	0.00	0.00	101.15
1942	Wet	9.02	30.34	0.00	0.00	0.00	1.38	53.00	45.90	19.82	0.00	0.00	0.00	159.46
1943	Wet	3.25	22.36	0.00	0.00	0.00	0.00	53.24	52.16	35.26	0.00	0.00	0.00	166.27
1944	Dry	8.33	25.13	0.00	0.00	0.00	0.00	21.26	23.53	23.50	0.00	0.00	1.89	103.64
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	49.41	58.63	44.95	0.00	0.00	0.00	152.99
1946	Below Normal	0.00	0.00	0.00	0.12	5.08	2.83	51.76	54.89	41.22	0.00	0.00	0.00	155.90
1947	Dry	0.00	0.00	0.00	15.03	7.72	19.42	42.93	48.86	44.57	0.00	4.76	0.00	183.29
1948	Below Normal	0.00	0.00	0.46	2.12	16.63	0.00	11.39	23.74	0.00	0.00	0.00	0.00	54.34
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	49.14	50.98	32.76	0.00	6.70	0.00	139.58
1950	Below Normal	10.68	6.54	1.84	0.00	0.00	0.00	27.35	34.53	1.57	0.00	0.00	0.00	82.51
1951	Above Normal	0.00	0.00	0.00	0.12	0.00	0.00	46.30	58.24	38.06	0.00	0.00	0.00	142.72
1952	Wet	1.82	0.00	0.00	0.00	11.99	0.00	25.16	26.06	0.00	0.00	0.00	0.00	65.03
1953	Wet	1.36	30.13	0.00	27.90	14.20	15.21	43.90	41.79	36.33	0.00	0.00	0.00	210.82
1954	Above Normal	5.13	18.22	0.00	13.59	11.33	0.00	37.05	36.69	29.59	0.00	0.00	0.00	151.60
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	31.83	41.65	47.24	0.00	20.18	0.00	140.90
1956	Wet	1.19	0.00	0.00	0.00	0.00	0.00	54.19	61.07	27.02	0.00	0.00	0.00	143.47
1957	Above Normal	5.17	22.69	0.00	12.90	29.71	17.13	16.53	21.78	0.00	0.00	0.00	0.00	125.91
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	35.93	56.35	19.60	0.00	0.00	0.00	111.88
1959	Below Normal	1.40	32.45	0.00	29.89	18.82	8.24	25.13	24.80	15.22	0.00	0.00	0.00	155.95
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	43.88	32.31	32.92	0.00	0.06	0.00	109.17
1961	Dry	9.94	0.00	0.00	0.00	0.00	0.00	33.49	36.94	49.40	0.00	6.67	0.00	136.44
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	26.71	27.87	7.96	0.00	0.00	0.00	62.54
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	48.64	50.80	34.40	0.00	0.00	0.00	133.84
1964	Dry	0.00	0.00	0.00	0.12	0.00	4.29	53.31	52.71	46.53	0.00	18.11	0.00	175.07
1965	Wet	3.10	0.00	0.00	0.00	0.05	0.00	37.49	38.32	22.83	0.00	0.00	0.00	101.79
1966	Below Normal	9.66	0.00	0.00	0.97	8.57	5.31	37.89	40.00	36.54	0.00	0.00	0.00	138.94
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	37.51	38.58	0.00	0.00	0.00	0.00	76.09
1968	Below Normal	0.00	36.19	0.00	16.78	37.09	17.72	38.49	35.56	36.76	0.00	0.00	0.00	218.59
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	11.53	0.00	0.00	0.00	0.00	0.00	11.53
1970	Wet	0.00	39.76	0.00	0.00	0.00	0.00	50.46	58.05	46.15	0.00	0.00	6.55	200.97
1971	Wet	4.13	0.00	0.00	13.81	16.14	0.00	29.33	30.55	24.44	0.00	0.00	0.00	118.40
1972	Below Normal	0.00	19.55	0.00	0.00	4.02	7.74	31.41	39.91	39.48	0.00	0.00	0.00	142.11
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	48.35	58.17	35.84	0.00	0.00	0.00	142.36
1974	Wet	0.00	0.00	0.00	3.73	15.16	0.00	57.82	58.71	28.49	0.00	0.00	0.00	163.91
1975	Wet	0.00	26.51	0.00	12.74	17.93	0.00	47.46	42.79	20.60	0.00	0.00	0.00	168.03
1976	Critical	0.00	24.04	0.00	12.17	26.68	0.00	28.58	38.58	30.22	0.00	2.88	0.00	163.15
1977	Critical	0.00	8.68	8.47	0.00	3.15	7.82	6.63	0.00	0.00	0.00	0.00	0.00	34.75
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	21.52	17.46	6.76	0.00	0.00	0.00	45.74
1979	Below Normal	0.00	10.08	0.00	0.00	0.00	0.00	53.55	50.47	43.75	0.00	0.00	0.00	157.85
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	32.81	45.64	16.99	0.00	14.91	9.04	119.39
1981	Dry	0.00	21.78	0.00	12.64	16.42	15.21	26.15	28.92	17.75	0.00	0.75	0.00	139.62
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.23	32.51	0.00	0.00	0.00	81.74
1983	Wet	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13
1984	Wet	0.00	0.00	0.00	0.12	0.00	0.00	46.00	58.80	45.08	0.00	0.00	0.00	150.00
1985	Dry	0.00	0.00	0.00	8.96	12.29	16.34	43.65	47.60	34.35	0.00	15.51	0.00	178.70
1986	Wet	0.00	0.00	0.00	21.05	0.00	0.00	47.07	58.14	26.34	0.00	10.39	0.00	162.99
1987	Dry	0.65	27.10	0.00	13.12	14.25	1.18	22.62	11.16	23.55	0.00	15.46	0.00	129.09
1988	Critical	3.47	0.00	0.00	0.00	4.21	0.00	5.70	7.06	20.81	0.00	16.44	1.87	59.56
1989	Dry	2.79	0.00	0.00	0.00	0.00	0.00	29.68	33.43	24.94	0.00	0.26	0.00	91.10
1990	Critical	0.00	2.32	0.00	0.00	0.00	3.34	18.75	13.07	28.74	0.00	19.95	0.94	87.11
1991	Critical	4.04	1.62	0.00	1.89	0.00	0.00	6.53	9.43	0.00	0.00	14.25	3.60	41.36
1992	Critical	0.08	0.12	0.00	0.00	0.00	0.00	9.76	11.08	6.38	1.21	0.00	0.00	28.63
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	34.54	38.08	5.40	0.00	0.00	0.00	78.02
1994	Critical	0.00	23.84	0.00	0.00	0.00	0.00	26.80	28.27	39.29	0.00	2.34	0.00	120.54
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	41.20	27.64	7.56	0.00	0.00	0.00	76.40
1996	Wet	16.06	20.50	0.00	0.00	0.00	0.00	43.76	41.22	25.41	0.00	0.00	0.00	146.95
1997	Wet	17.64	23.41	0.00	0.00	0.00	0.00	54.34	58.66	37.54	0.00	0.00	0.00	191.59
1998	Wet	7.66	23.41	0.00	15.09	0.00	0.00	37.50	40.75	0.00	0.00	0.00	0.00	124.41
1999	Wet	0.00	0.00	0.00	4.60	0.00	0.00	48.17	55.99	33.68	0.00	0.00	9.72	152.16
2000	Above Normal	11.91	28.60	0.00	20.84	0.00	0.00	40.21	44.85	34.49	0.00	0.00	0.00	180.90
2001	Dry	3.33	19.12	0.00	0.00	0.00	0.00	19.42	28.68	23.20	0.00	27.10	0.00	120.85
2002	Dry	8.26	0.00	0.00	0.00	0.00	0.00	50.33	47.63	43.71	0.00	27.12	0.00	177.05
2003	Above Normal	23.17	5.02	0.00	0.00	0.00	0.00	26.73	23.95	1.32	0.00	0.00	0.00	80.19
	Average	2.40	7.87	0.13	3.57	4.30	3.19	33.67	36.79	24.79	1.09	3.83	0.78	122.41
	Wet	2.57	8.66	0.00	3.81	2.90	0.64	38.62	42.40	21.92	0.00	0.40	0.63	122.55
	Above Normal	4.63	7.72	0.00	4.25	5.22	1.43	35.29	39.31	17.65	0.00	1.24	0.75	117.48
	Below Normal	1.55	8.34	0.16	4.48	6.99	5.00	37.65	41.49	25.15	0.00	1.08	1.09	132.98
	Dry	1.94	7.38	0.00	3.67	4.45	6.77	33.20	34.94	33.05	0.00	8.80	0.11	134.31
	Critical	1.47	6.50	0.71	1.17	3.03	3.03	17.40	19.45	25.35	7.42	9.60	1.77	96.89

Difference in Energy generated (GWh) at SWP San Luis: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	2.95	2.85	0.25	0.00	0.00	0.00	0.50
1923	Below Normal	0.00	0.66	0.00	0.08	(1.88)	6.15	3.90	(16.71)	(30.75)	0.00	0.00	0.00	(3.21)
1924	Critical	0.00	0.00	0.00	0.00	2.37	1.72	(0.49)	(1.58)	(3.10)	0.00	(24.72)	(10.35)	(3.01)
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(9.42)	(25.64)	(19.60)	0.00	(13.36)	0.00	(5.67)
1926	Dry	0.00	0.00	0.00	0.00	0.00	(1.51)	(1.81)	(8.70)	2.27	0.00	(8.87)	0.00	(1.55)
1927	Wet	(5.11)	0.00	0.00	0.00	0.00	0.00	(7.50)	(13.42)	(4.36)	0.00	0.00	0.00	(2.53)
1928	Above Normal	(0.83)	(1.10)	0.00	(0.97)	(4.29)	0.00	(8.51)	(11.30)	(8.47)	0.00	0.00	0.00	(2.96)
1929	Critical	0.00	(4.07)	0.00	(1.29)	(2.64)	0.00	0.11	(1.60)	(5.62)	(5.86)	(20.35)	(6.87)	(4.02)
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(2.03)	(3.48)	(8.19)	0.00	0.69	0.00	(1.08)
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.37	(1.07)	(1.88)	(4.65)	0.00	(6.93)	(10.39)	(2.05)
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(1.13)	(1.65)	(4.28)	0.00	0.00	(5.56)	(1.05)
1933	Critical	8.75	5.39	0.00	0.00	0.00	0.00	1.41	1.83	2.35	8.21	1.69	0.80	2.54
1934	Critical	(1.37)	0.00	0.00	0.00	0.00	0.00	(1.92)	(2.41)	(3.37)	(3.00)	(3.20)	0.00	(1.27)
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.30	1.57	3.80	0.00	0.00	0.00	0.56
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.03	(0.72)	(1.69)	0.00	0.00	0.00	(0.20)
1937	Below Normal	0.00	(0.18)	0.00	0.00	0.00	0.00	2.73	4.47	(8.44)	0.00	1.22	(2.25)	(0.20)
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	3.94	28.95	0.00	0.00	0.00	0.00	2.74
1939	Dry	(2.66)	(2.24)	0.00	(1.00)	(1.50)	(3.19)	(5.22)	(2.12)	(1.28)	0.00	(0.44)	0.00	(1.64)
1940	Above Normal	2.27	(2.52)	0.00	0.00	0.00	0.00	0.50	0.39	(0.50)	0.00	0.00	0.00	0.01
1941	Wet	0.00	(0.06)	0.00	0.00	0.00	0.00	(0.12)	1.30	0.25	0.00	0.00	0.00	0.11
1942	Wet	(0.44)	(0.18)	0.00	0.00	0.00	(0.37)	(0.63)	(1.08)	(1.12)	0.00	0.00	0.00	(0.32)
1943	Wet	0.07	0.19	0.00	0.00	0.00	0.00	(0.19)	(2.79)	(1.85)	0.00	0.00	0.00	(0.38)
1944	Dry	(1.60)	(3.22)	0.00	0.00	0.00	0.00	(0.17)	(0.19)	(0.09)	0.00	0.00	(0.10)	(0.45)
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.20)	(0.37)	(0.61)	0.00	0.00	0.00	(0.10)
1946	Below Normal	0.00	0.00	0.00	0.00	(2.59)	0.20	0.13	0.09	0.00	0.00	0.00	0.00	(0.18)
1947	Dry	0.00	0.00	0.00	0.33	0.07	(0.07)	(0.14)	0.06	0.10	0.00	(0.14)	0.00	0.02
1948	Below Normal	0.00	0.00	(0.12)	(0.54)	(0.47)	0.00	0.04	0.49	0.00	0.00	0.00	0.00	(0.05)
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	0.01	(0.01)	0.00	(0.02)	0.00	(0.01)
1950	Below Normal	0.26	(0.08)	(0.05)	0.00	0.00	0.00	(0.02)	(0.02)	(0.02)	0.00	0.00	0.00	0.01
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	(0.17)	0.00	2.12	2.83	0.00	0.00	0.00	0.00	0.40
1953	Wet	(1.35)	(2.71)	0.00	5.58	(1.04)	(5.03)	(8.26)	0.08	0.24	0.00	0.00	0.00	(1.04)
1954	Above Normal	(0.06)	1.92	0.00	2.41	2.22	0.00	0.68	1.43	1.50	0.00	0.00	0.00	0.84
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.37)	(0.46)	(0.47)	0.00	(0.28)	0.00	(0.13)
1956	Wet	(0.21)	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.02	0.00	0.00	0.00	(0.01)
1957	Above Normal	0.03	0.05	0.00	0.00	0.00	0.00	0.03	0.08	0.00	0.00	0.00	0.00	0.02
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	2.89	3.79	2.76	0.00	0.00	0.00	0.79
1959	Below Normal	(0.08)	(1.84)	0.00	(0.62)	(0.49)	0.16	(1.58)	(2.91)	(4.82)	0.00	0.00	0.00	(1.02)
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.31	1.04	0.00	0.03	0.00	0.14
1961	Dry	(0.46)	0.00	0.00	0.00	0.00	0.00	0.15	0.21	0.25	0.00	0.20	0.00	0.03
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.14)	(0.17)	0.00	0.00	0.00	(0.03)
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.11	(0.01)	0.01	0.05	0.00	(0.03)	0.00	0.01
1965	Wet	(0.12)	0.00	0.00	0.00	0.05	0.00	(0.74)	(1.41)	(1.02)	0.00	0.00	0.00	(0.27)
1966	Below Normal	0.05	0.00	0.00	(0.30)	(0.28)	(0.13)	(0.03)	(0.37)	(0.32)	0.00	0.00	0.00	(0.12)
1967	Wet	(0.12)	0.00	0.00	0.00	0.00	0.00	2.31	3.42	0.00	0.00	0.00	0.00	0.47
1968	Below Normal	0.00	(2.07)	0.00	(0.34)	(0.65)	(0.25)	(1.35)	(1.37)	(0.92)	0.00	0.00	0.00	(0.58)
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	5.05	0.00	0.00	0.00	0.00	0.00	0.42
1970	Wet	0.00	(0.15)	0.00	0.00	0.00	0.00	(1.32)	0.32	0.35	0.00	0.00	0.37	(0.04)
1971	Wet	0.12	0.00	0.00	(0.03)	(0.05)	0.00	(0.16)	(0.27)	(0.51)	0.00	0.00	0.00	(0.07)
1972	Below Normal	0.00	0.01	0.00	0.00	0.04	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.01
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)	(0.64)	(1.90)	0.00	0.00	0.00	(0.22)
1974	Wet	0.00	0.00	0.00	3.20	(0.31)	0.00	1.17	(3.39)	(3.90)	0.00	0.00	0.00	(0.27)
1975	Wet	0.00	(0.31)	0.00	(1.00)	(0.34)	0.00	1.05	1.44	0.85	0.00	0.00	0.00	0.14
1976	Critical	0.00	0.39	0.00	0.44	0.31	0.00	(0.28)	(0.35)	(0.33)	0.00	0.01	0.00	0.02
1977	Critical	0.00	(0.16)	(0.17)	0.00	0.00	0.03	0.57	0.00	0.00	0.00	0.00	0.00	0.02
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	2.64	3.01	6.76	0.00	0.00	0.00	1.03
1979	Below Normal	0.00	(3.67)	0.00	0.00	0.00	0.00	7.62	(0.61)	(3.41)	0.00	0.00	(2.57)	(0.22)
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(2.43)	(2.42)	(1.22)	0.00	10.99	(20.19)	(1.27)
1981	Dry	0.00	(6.16)	0.00	1.08	0.41	11.04	1.11	1.54	4.47	0.00	(0.19)	0.00	1.11
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.18	7.66	0.00	0.00	0.00	1.15
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	5.06	3.66	0.84	0.00	(16.61)	0.00	(0.59)
1987	Dry	0.65	(1.14)	0.00	(0.30)	(0.31)	(0.01)	(1.43)	(1.40)	(1.78)	0.00	(1.61)	0.00	(0.61)
1988	Critical	(0.41)	(0.03)	0.00	0.00	(0.15)	0.00	(0.01)	0.00	0.02	0.00	0.02	0.00	(0.05)
1989	Dry	0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.11	(0.05)	0.00	0.02	0.00	0.01
1990	Critical	0.00	0.19	0.00	0.00	0.00	0.00	(0.03)	(0.05)	(0.06)	0.00	(0.04)	0.00	0.00
1991	Critical	(0.02)	(0.01)	0.00	0.00	0.00	0.00	(0.01)	(0.30)	0.00	0.00	0.18	(0.01)	(0.01)
1992	Critical	(0.01)	(0.09)	0.00	0.00	0.00	0.00	(0.02)	(0.04)	(0.07)	(0.11)	0.00	0.00	(0.03)
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.21)	(0.13)	(0.28)	0.00	0.00	0.00	(0.05)
1994	Critical	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.01)	0.04	0.08	0.00	0.00	0.00	0.01
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.84	27.64	7.56	0.00	0.00	0.00	3.09
1996	Wet	(1.58)	(0.49)	0.00	(15.52)	0.00	0.00	(4.45)	(5.63)	5.05	0.00	0.00	0.00	(1.89)
1997	Wet	(0.74)	(0.46)	0.00	0.00	0.00	0.00	0.15	0.74	0.67	0.00	0.00	0.00	0.03
1998	Wet	1.57	0.18	0.00	0.23	0.00	0.00	1.88	(0.94)	0.00	0.00	0.00	0.00	0.24
1999	Wet	0.00	0.00	0.00	(1.94)	0.00	0.00	(2.21)	0.50	0.56	0.00	0.00	1.23	(0.16)
2000	Above Normal	0.03	(0.05)	0.00	0.06	0.00	0.00	(0.53)	(0.46)	(0.15)	0.00	0.00	0.00	(0.09)
2001	Dry	(0.26)	(0.51)	0.00	0.00	0.00	0.00	0.22	0.25	0.17	0.00	0.33	0.00	0.02
2002	Dry	0.05	0.00	0.00	0.00	0.00	0.00	(0.28)	(0.34)	(0.30)	0.00	0.17	0.00	(0.06)
2003	Above Normal	0.06	0.63	0.00	0.00	0.00	0.00	(0.03)	(0.06)	0.00	0.00	0.00	0.00	0.05
	Average	(0.04)	(0.29)	(0.00)	(0.13)	(0.14)	0.11	(0.15)	(0.24)	(0.97)	(0.01)	(0.99)	(0.68)	(0.30)
	Wet	(0.30)	(0.15)	0.00	(0.36)	(0.07)	(0.21)	0.07	1.99	0.53	0.00	(0.64)	0.06	0.08
	Above Normal	0.13	(0.09)	0.00	0.13	(0.17)	0.00	(0.42)	(0.60)	(0.33)	0.00	0.92	(1.68)	(0.18)
	Below Normal	0.02	(0.51)	(0.01)	(0.12)	(0.45)	0.44	0.90	(1.17)	(3.37)	0.00	0.09	(0.34)	(0.38)
	Dry	(0.24)	(0.74)	0.00	0.01	(0.07)	0.35	(1.12)	(2.30)	(1.54)	0.00	(1.31)	(0.31)	(0.61)
	Critical	0.58	0.13	(0.01)	(0.07)	(0.01)	0.18	(0.15)	(0.53)	(1.23)	(0.06)	(4.45)	(2.24)	(0.65)

Percent Difference in Energy generated (GWh) at SWP San Luis: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	7%	6%	-	0%	0%	0%
1923	Below Normal	0%	13%	0%	1%	-20%	28%	12%	-41%	-100%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	-	9%	-2%	-8%	-11%	0%	-100%	-100%
1925	Dry	0%	0%	0%	0%	0%	0%	-31%	-54%	-51%	0%	-67%	0%
1926	Dry	0%	0%	0%	0%	0%	-7%	-11%	-25%	11%	0%	-85%	0%
1927	Wet	-76%	0%	0%	0%	0%	0%	-14%	-24%	-13%	0%	0%	0%
1928	Above Normal	-73%	-12%	0%	-22%	-17%	0%	-17%	-22%	-32%	0%	0%	0%
1929	Critical	0%	-25%	0%	-100%	-100%	0%	7%	-13%	-21%	-21%	-100%	-100%
1930	Dry	0%	0%	0%	0%	0%	0%	-12%	-13%	-27%	0%	10%	0%
1931	Critical	0%	0%	0%	0%	0%	8%	-4%	-6%	-12%	0%	-27%	-100%
1932	Dry	0%	0%	0%	0%	0%	0%	-3%	-4%	-8%	0%	0%	-100%
1933	Critical	-	-	0%	0%	0%	0%	5%	5%	4%	26%	5%	6%
1934	Critical	-51%	0%	0%	0%	0%	0%	-6%	-8%	-8%	-10%	-30%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	4%	3%	18%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	-1%	-4%	0%	0%	0%
1937	Below Normal	0%	-3%	0%	0%	0%	0%	6%	9%	-37%	0%	9%	-13%
1938	Wet	0%	0%	0%	0%	0%	0%	25%	-	0%	0%	0%	0%
1939	Dry	-62%	-5%	0%	-6%	-5%	-6%	-11%	-6%	-4%	0%	-92%	0%
1940	Above Normal	30%	-37%	0%	0%	0%	0%	2%	1%	-2%	0%	0%	0%
1941	Wet	0%	-1%	0%	0%	0%	0%	0%	3%	1%	0%	0%	0%
1942	Wet	-5%	-1%	0%	0%	0%	-21%	-1%	-2%	-5%	0%	0%	0%
1943	Wet	2%	1%	0%	0%	0%	0%	0%	-5%	-5%	0%	0%	0%
1944	Dry	-16%	-11%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	-5%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	-34%	8%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	2%	1%	0%	0%	0%	0%	0%	-3%	0%
1948	Below Normal	0%	0%	-21%	-20%	-3%	0%	0%	2%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	2%	-1%	-3%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	-1%	0%	9%	12%	0%	0%	0%	0%
1953	Wet	-50%	-8%	0%	25%	-7%	-25%	-16%	0%	1%	0%	0%	0%
1954	Above Normal	-1%	12%	0%	22%	24%	0%	2%	4%	5%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	0%	-1%	0%
1956	Wet	-15%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	9%	7%	16%	0%	0%	0%
1959	Below Normal	-5%	-5%	0%	-2%	-3%	2%	-6%	-11%	-24%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	1%	1%	3%	0%	100%	0%
1961	Dry	-4%	0%	0%	0%	0%	0%	0%	1%	1%	0%	3%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	0%	0%
1965	Wet	-4%	0%	0%	0%	-	0%	-2%	-4%	-4%	0%	0%	0%
1966	Below Normal	1%	0%	0%	-24%	-3%	-2%	0%	-1%	-1%	0%	0%	0%
1967	Wet	-100%	0%	0%	0%	0%	0%	7%	10%	0%	0%	0%	0%
1968	Below Normal	0%	-5%	0%	-2%	-2%	-1%	-3%	-4%	-2%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	78%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	-3%	1%	1%	0%	0%	6%
1971	Wet	3%	0%	0%	0%	0%	0%	-1%	-1%	-2%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	-1%	-5%	0%	0%	0%
1974	Wet	0%	0%	0%	604%	-2%	0%	2%	-5%	-12%	0%	0%	0%
1975	Wet	0%	-1%	0%	-7%	-2%	0%	2%	3%	4%	0%	0%	0%
1976	Critical	0%	2%	0%	4%	1%	0%	-1%	-1%	-1%	0%	0%	0%
1977	Critical	0%	-2%	-2%	0%	0%	0%	9%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	14%	21%	-	0%	0%	0%
1979	Below Normal	0%	-27%	0%	0%	0%	0%	17%	-1%	-7%	0%	0%	-100%
1980	Above Normal	0%	0%	0%	0%	0%	0%	-7%	-5%	-7%	0%	280%	-69%
1981	Dry	0%	-22%	0%	9%	3%	265%	4%	6%	34%	0%	-20%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	14%	31%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	12%	7%	3%	0%	-62%	0%
1987	Dry	-	-4%	0%	-2%	-2%	-1%	-6%	-11%	-7%	0%	-9%	0%
1988	Critical	-11%	-100%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	0%
1990	Critical	0%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	-1%	0%	0%	0%	0%	0%	-3%	0%	0%	1%	0%
1992	Critical	-11%	-43%	0%	0%	0%	0%	0%	0%	-1%	-8%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	-1%	0%	-5%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	5%	-	-	0%	0%	0%
1996	Wet	-9%	-2%	0%	-100%	0%	0%	-9%	-12%	25%	0%	0%	0%
1997	Wet	-4%	-2%	0%	0%	0%	0%	0%	1%	2%	0%	0%	0%
1998	Wet	26%	1%	0%	2%	0%	0%	5%	-2%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	-30%	0%	0%	-4%	1%	2%	0%	0%	14%
2000	Above Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	0%
2001	Dry	-7%	-3%	0%	0%	0%	0%	1%	1%	1%	0%	1%	0%
2002	Dry	1%	0%	0%	0%	0%	0%	-1%	-1%	-1%	0%	1%	0%
2003	Above Normal	0%	14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-5%	-3%	0%	4%	-2%	3%	1%	-2%	-3%	0%	-2%	-7%
	Wet	-9%	-1%	0%	19%	0%	-2%	4%	0%	2%	0%	-2%	1%
	Above Normal	-4%	-2%	0%	0%	1%	0%	0%	0%	-4%	0%	23%	-6%
	Below Normal	0%	-2%	-2%	-3%	-4%	2%	2%	-3%	-11%	0%	1%	-8%
	Dry	-5%	-3%	0%	0%	0%	14%	-4%	-6%	-3%	0%	-9%	-6%
	Critical	-6%	-13%	0%	-8%	-9%	1%	1%	-3%	-4%	-1%	-21%	-25%

Energy generated (GWh) at Syst. Tot.: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	473.57	360.59	325.43	110.18	192.89	351.42	372.75	935.49	552.32	601.29	465.61	576.46	5,318.00
1923	Below Normal	329.29	255.88	280.17	311.73	363.55	350.68	306.58	371.54	362.51	626.30	559.98	323.87	4,442.08
1924	Critical	254.40	228.75	178.44	132.67	131.48	183.92	235.57	276.81	297.80	407.01	208.59	141.03	2,676.47
1925	Dry	67.23	55.97	51.55	63.30	62.93	159.82	268.15	367.39	465.77	616.73	456.51	402.23	3,037.58
1926	Dry	236.81	187.14	163.38	81.86	78.57	164.39	200.60	424.44	474.03	607.00	428.71	276.79	3,323.72
1927	Wet	174.16	169.41	224.98	66.04	167.19	471.11	519.27	517.98	423.97	687.59	609.44	617.16	4,648.30
1928	Above Normal	338.23	270.66	258.90	254.13	366.55	442.26	362.54	394.46	523.82	689.14	580.85	510.97	4,992.51
1929	Critical	324.11	230.58	201.26	243.05	221.14	157.33	213.10	288.54	273.23	231.28	191.50	127.43	2,702.55
1930	Dry	71.98	52.96	158.97	43.61	165.67	89.16	239.11	305.50	445.35	582.54	374.12	337.04	2,866.01
1931	Critical	157.56	115.14	84.75	64.12	71.12	90.09	299.49	285.36	308.71	361.00	241.93	156.34	2,235.61
1932	Dry	78.46	62.86	160.15	53.74	91.03	171.39	287.80	290.77	332.28	532.38	399.42	229.12	2,689.40
1933	Critical	188.12	145.74	107.36	73.11	73.27	221.87	255.98	323.35	362.42	343.80	252.57	184.64	2,532.23
1934	Critical	106.08	81.52	117.98	75.24	142.03	89.74	280.32	323.71	340.50	266.48	103.77	42.63	1,970.00
1935	Below Normal	114.09	184.05	140.69	75.37	74.62	100.18	291.36	393.06	329.57	694.99	614.90	451.64	3,464.52
1936	Below Normal	264.44	230.70	177.15	102.86	269.04	459.46	341.24	411.52	422.00	653.34	594.84	333.77	4,260.36
1937	Below Normal	372.39	283.52	345.00	257.59	280.31	331.77	331.98	388.53	577.34	608.76	498.47	308.69	4,584.35
1938	Wet	325.73	224.56	205.86	288.08	720.46	972.31	734.81	895.77	637.40	436.60	468.09	562.52	6,472.19
1939	Dry	337.17	295.78	252.68	301.92	313.29	420.48	467.56	441.10	313.96	667.77	463.34	492.94	4,767.99
1940	Above Normal	251.23	168.35	242.00	89.21	80.57	768.04	425.96	378.73	414.04	734.82	628.38	553.33	4,734.66
1941	Wet	301.58	244.40	169.43	132.57	634.37	731.83	367.42	639.49	427.27	546.53	356.21	619.80	5,170.90
1942	Wet	322.70	265.87	415.93	788.77	820.16	414.28	729.36	549.18	564.49	543.26	418.28	617.16	6,449.44
1943	Wet	348.05	270.21	196.49	856.67	499.53	890.17	479.16	398.80	432.60	704.83	604.42	630.50	6,311.43
1944	Dry	365.02	299.10	339.37	251.72	235.53	184.66	291.65	321.33	420.96	558.99	401.21	222.38	3,891.92
1945	Below Normal	160.90	144.67	134.10	99.46	104.94	350.70	349.18	383.79	402.42	633.12	558.75	324.99	3,647.02
1946	Below Normal	330.60	248.61	261.77	268.65	255.07	354.93	373.21	418.65	437.12	667.82	592.84	380.41	4,589.68
1947	Dry	343.74	252.07	199.22	271.37	253.97	217.88	354.05	438.66	462.96	638.41	494.32	434.90	4,361.55
1948	Below Normal	236.69	208.28	174.41	166.83	168.32	111.20	185.41	272.73	139.55	702.47	610.67	319.21	3,295.77
1949	Dry	267.50	220.43	176.60	111.81	111.83	142.94	372.19	389.61	483.74	631.07	469.28	435.48	3,812.48
1950	Below Normal	233.35	201.39	172.50	98.43	82.07	97.02	300.62	356.06	142.30	696.64	609.98	394.52	3,384.88
1951	Above Normal	246.53	214.83	624.61	725.90	642.25	484.12	348.93	406.64	460.05	700.36	597.84	515.98	5,968.04
1952	Wet	331.04	255.62	205.24	295.60	672.15	469.72	855.04	886.92	618.22	357.91	306.90	536.62	5,790.98
1953	Wet	332.22	265.61	455.88	913.75	285.38	571.05	537.99	449.11	543.10	680.74	452.47	589.89	6,077.19
1954	Above Normal	324.91	252.44	330.90	266.04	216.49	431.01	504.26	383.04	525.40	710.94	603.58	543.84	5,092.85
1955	Dry	301.41	204.85	164.08	103.27	114.58	154.73	312.36	346.61	392.12	564.19	382.59	311.49	3,352.28
1956	Wet	177.46	169.72	161.99	891.19	678.37	563.01	465.98	804.77	526.30	621.28	480.40	625.06	6,165.53
1957	Above Normal	369.31	306.99	418.70	298.92	376.01	373.66	289.51	274.99	153.74	730.97	597.52	523.36	4,713.68
1958	Wet	222.19	230.91	167.17	95.09	719.55	735.43	563.03	781.44	600.21	462.81	392.61	632.68	5,603.12
1959	Below Normal	385.81	319.59	411.36	310.25	509.39	373.33	365.47	370.21	364.37	706.87	586.42	392.49	5,095.56
1960	Dry	272.32	233.43	166.02	79.52	80.09	104.50	378.78	394.23	419.87	670.14	463.75	494.33	3,756.98
1961	Dry	251.82	237.06	187.62	94.08	95.35	104.82	304.15	354.34	411.85	594.27	344.59	166.20	3,146.15
1962	Below Normal	66.14	216.57	235.80	57.85	57.56	119.63	295.87	434.94	201.73	683.55	580.07	427.23	3,376.94
1963	Wet	212.36	197.88	158.09	170.20	711.92	508.31	777.67	462.44	428.92	697.64	566.51	603.06	5,495.00
1964	Dry	322.07	233.55	266.65	223.06	192.56	213.19	400.37	376.01	399.10	602.48	430.33	455.39	4,114.76
1965	Wet	261.78	225.73	255.41	875.10	392.62	401.01	595.16	466.28	397.11	672.48	496.32	608.95	5,647.95
1966	Below Normal	343.38	240.10	188.90	276.71	296.74	261.54	337.44	399.84	458.09	680.26	569.81	452.74	4,505.55
1967	Wet	231.19	209.50	159.03	108.25	191.14	631.50	354.47	716.49	639.43	375.39	359.93	648.52	4,624.84
1968	Below Normal	370.94	305.19	327.16	345.43	700.25	568.45	395.98	369.56	479.48	681.97	540.60	423.33	5,508.34
1969	Wet	269.35	196.21	166.99	539.35	714.16	563.84	535.01	813.53	435.72	359.86	379.42	570.97	5,544.41
1970	Wet	347.62	278.24	668.17	884.14	618.85	468.87	376.04	394.54	436.67	663.90	566.29	495.37	6,198.70
1971	Wet	332.45	260.89	225.11	333.66	319.31	473.93	444.51	662.60	539.23	683.50	539.46	612.77	5,427.42
1972	Below Normal	291.17	241.85	158.38	99.93	166.56	255.63	348.64	376.54	454.06	658.68	560.80	437.16	4,049.40
1973	Above Normal	219.57	200.81	167.49	124.75	485.01	463.23	344.84	467.86	507.71	644.75	493.37	452.57	4,571.96
1974	Wet	334.79	235.13	466.75	907.58	453.75	956.06	652.03	602.33	516.54	568.44	339.06	587.98	6,620.44
1975	Wet	347.08	289.81	210.45	304.66	521.27	765.97	358.10	686.76	576.42	635.82	331.46	624.76	5,652.56
1976	Critical	294.35	286.37	328.56	265.00	279.62	202.75	339.54	380.74	248.40	597.87	361.86	453.33	4,038.39
1977	Critical	305.25	214.68	174.81	80.81	84.17	95.10	129.78	66.26	113.35	46.10	45.37	42.87	1,398.55
1978	Above Normal	31.48	26.77	129.29	70.70	80.46	365.87	450.92	341.21	364.43	603.18	532.58	494.54	3,491.43
1979	Below Normal	341.17	257.20	354.33	236.55	261.04	273.69	318.95	385.55	509.69	626.11	519.31	300.23	4,383.82
1980	Above Normal	278.24	226.12	203.82	569.65	874.86	515.15	310.93	361.38	338.41	498.07	317.09	312.57	4,806.29
1981	Dry	352.32	282.15	265.38	314.43	372.13	465.04	296.69	361.35	293.16	674.09	482.46	496.62	4,655.82
1982	Wet	251.01	204.74	639.28	418.65	732.42	835.46	874.25	672.82	491.03	461.48	351.47	417.30	6,349.91
1983	Wet	400.75	525.96	730.01	710.61	861.83	978.49	509.42	723.16	735.96	387.39	295.48	407.47	7,266.53
1984	Wet	384.10	710.57	970.97	434.72	585.87	667.21	344.80	401.14	494.42	699.81	500.94	578.66	6,773.21
1985	Dry	331.11	228.77	264.75	271.50	275.85	305.41	352.51	448.70	461.88	609.22	410.14	376.59	4,336.43
1986	Wet	320.61	238.21	189.31	256.89	743.35	972.75	332.80	395.82	399.62	647.10	447.14	602.82	5,546.42
1987	Dry	356.05	288.87	349.22	292.88	280.49	189.37	243.74	322.43	367.79	363.19	227.82	184.33	3,466.18
1988	Critical	103.14	72.54	81.35	61.81	88.66	105.03	158.76	198.58	252.89	363.25	171.29	140.18	1,797.48
1989	Dry	70.39	66.65	43.66	39.00	70.30	77.28	321.75	453.16	435.42	664.64	519.30	437.98	3,199.53
1990	Critical	249.29	250.03	235.34	69.01	73.63	90.74	248.47	220.07	272.45	472.27	192.03	173.76	2,547.09
1991	Critical	94.50	57.92	65.25	66.48	63.02	91.18	148.60	175.81	210.18	417.35	181.53	160.37	1,732.19
1992	Critical	74.02	52.28	51.69	45.56	76.78	72.34	164.14	249.86	276.30	109.11	97.50	169.60	1,439.18
1993	Above Normal	134.94	24.62	158.81	71.98	128.53	491.30	419.30	629.24	406.32	692.11	606.78	569.16	4,333.09
1994	Critical	334.00	270.98	268.74	178.77	168.71	150.45	308.36	319.69	320.40	561.10	159.86	274.58	3,315.64
1995	Wet	97.27	173.34	298.47	65.77	354.41	806.34	811.55	915.34	744.08	422.33	408.64	417.30	5,514.84
1996	Wet	428.17	381.61	317.52	712.28	864.10	631.11	573.58	739.86	438.26	663.33	438.31	617.64	6,805.77
1997	Wet	364.80	290.09	719.94	904.13	596.85	515.79	371.46	378.34	409.66	628.81	438.33	571.80	6,190.00
1998	Wet	332.50	269.20	210.63	294.03	828.30	824.22	385.75	644.52	749.89	411.43	345.96	437.96	5,734.39
1999	Wet	409.35	511.83	409.55	770.44	802.83	723.36	363.90	389.25	397.40	650.37	400.71	476.10	6,305.09
2000	Above Normal	367.41	290.64	387.04	288.11	518.71	544.47	325.74	407.04	496.99	728.30	590.44	530.84	5,475.73
2001	Dry	308.09	255.74	328.83	126.40	121.53	128.61	236.26	335.93	369.40	383.98	243.30	185.37	3,023.44
2002	Dry	143.35	78.72	81.33	53.35	91.61	129.89	380.61	357.28	392.68	575.38	353.32	399.73	3,037.25
2003	Above Normal	284.38	180.70	278.80	87.90	114.19	160.29	267.35	484.13	190.94	736.34	587.52	564.37	3,936.91
	Average	268.07	228.04	260.99	278.24	337.04	389.22	382.54	446.62	419.97	570.43	432.26	421.16	4,434.57
	Wet	302.32	280.59	346.10	500.70	595.77	674.74	535.10	614.95	523.23	564.26	434.39	565.80	5,937.94
	Above Normal	276.65	210.29	293.82	246.46	339.71	449.24	368.59	455.35	411.18	672.52	550.13	512.33	4,786.26
	Below Normal	274.31	238.40	240.12	193.40	256.39	286.30	324.42	380.89	377.16	665.78	571.25	376.45	4,184.88
	Dry	248.71	196.45	201.08	154.27	167.07	190.20	317.13	373.82	407.91	585.36	408.03	352.16	3,602.19
	Critical	207.07	167.21	157.96	112.97	122.80	129.21	231.84	259.07	273.05	348.05	183.98	172.23	2,365.45

Energy generated (GWh) at Syst. Tot.: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	473.57	360.59	325.43	135.14	193.04	351.23	376.99	941.08	564.49	614.56	480.82	590.03	5,406.97
1923	Below Normal	342.90	269.82	291.47	291.96	350.49	398.96	377.05	245.90	146.97	683.25	617.03	407.29	4,423.09
1924	Critical	354.95	282.35	300.67	176.98	166.14	195.79	244.00	286.99	255.56	144.62	84.18	43.86	2,536.09
1925	Dry	124.07	193.99	255.14	84.95	73.49	99.97	254.38	308.67	428.79	583.97	405.20	373.01	3,185.63
1926	Dry	204.90	157.88	144.11	78.99	79.75	166.98	205.02	431.49	486.14	620.57	478.03	297.95	3,351.81
1927	Wet	150.43	205.59	253.87	72.88	160.28	470.01	507.54	499.69	423.46	691.41	612.68	621.02	4,668.86
1928	Above Normal	341.15	273.74	263.60	261.73	358.79	437.44	347.95	392.58	419.43	730.96	619.60	544.25	4,991.22
1929	Critical	341.18	244.94	209.21	200.28	178.13	142.44	223.47	290.76	271.72	207.19	81.01	44.65	2,434.98
1930	Dry	89.99	74.33	310.21	60.03	164.66	88.34	233.78	299.85	419.55	583.76	374.99	334.04	3,033.53
1931	Critical	146.86	102.96	78.39	66.26	70.73	91.16	299.57	284.83	305.44	370.29	203.18	45.61	2,065.28
1932	Dry	71.28	116.97	246.33	61.20	91.08	172.80	286.65	289.07	336.85	541.20	480.60	225.71	2,919.74
1933	Critical	160.02	151.30	107.74	92.52	73.35	223.76	260.54	327.15	367.71	343.19	264.84	195.51	2,567.63
1934	Critical	102.92	81.23	160.08	79.64	143.13	86.78	272.71	313.97	329.41	255.93	99.73	42.58	1,968.11
1935	Below Normal	159.33	149.20	114.52	74.92	74.94	101.12	297.09	400.03	372.50	703.10	623.26	459.92	3,529.93
1936	Below Normal	275.12	240.52	185.86	111.00	257.97	446.69	341.54	411.02	429.47	662.85	604.02	345.49	4,311.55
1937	Below Normal	381.46	292.43	353.92	257.44	279.56	347.94	331.20	389.62	598.26	612.35	495.83	311.62	4,651.63
1938	Wet	330.52	230.14	202.76	294.00	680.48	981.56	744.16	913.25	625.86	451.34	463.07	605.67	6,522.81
1939	Dry	340.16	299.80	249.21	309.38	311.36	412.73	441.77	438.97	345.72	671.98	464.30	491.14	4,776.52
1940	Above Normal	250.90	134.72	271.91	90.69	74.94	766.01	426.35	378.99	421.62	743.49	636.75	561.70	4,758.07
1941	Wet	310.48	253.13	176.20	132.65	634.14	723.06	367.29	640.80	436.43	555.46	364.94	628.72	5,223.30
1942	Wet	331.19	274.64	420.03	784.45	820.05	412.94	729.21	547.72	571.89	551.69	426.55	642.92	6,513.28
1943	Wet	356.03	278.62	204.96	836.54	494.80	893.62	484.43	396.26	440.00	713.46	613.28	639.45	6,351.45
1944	Dry	372.45	305.00	348.95	243.03	219.67	179.60	291.05	320.85	427.22	565.07	407.74	230.49	3,911.12
1945	Below Normal	166.21	149.89	139.62	105.76	104.79	328.69	349.23	383.65	410.95	641.70	567.65	369.77	3,717.91
1946	Below Normal	337.96	237.69	271.94	276.96	257.44	328.26	374.21	419.61	453.99	677.17	602.23	387.77	4,625.23
1947	Dry	353.43	261.78	208.89	281.47	254.15	217.40	353.52	439.12	468.90	644.42	498.90	438.15	4,420.13
1948	Below Normal	241.90	213.55	179.20	169.02	165.22	110.26	185.59	277.34	139.55	702.44	611.91	319.29	3,315.27
1949	Dry	267.66	220.62	176.62	111.71	111.86	142.75	372.08	389.77	484.01	631.42	470.78	435.61	3,814.89
1950	Below Normal	232.22	201.42	172.45	96.84	80.51	96.53	300.57	356.00	147.58	700.07	615.08	399.57	3,398.84
1951	Above Normal	251.82	220.12	623.69	732.48	637.07	484.54	348.93	406.64	468.99	709.28	606.76	524.89	6,015.21
1952	Wet	339.97	264.57	214.21	304.63	671.96	469.71	857.15	885.14	613.31	361.73	308.85	554.32	5,845.55
1953	Wet	333.76	266.31	461.72	932.49	294.84	547.46	483.02	445.74	551.20	687.52	459.58	597.64	6,061.28
1954	Above Normal	334.73	264.11	341.70	286.20	227.06	438.81	506.16	386.04	539.02	713.35	607.90	548.09	5,193.17
1955	Dry	306.73	209.26	168.36	107.65	114.52	154.41	310.73	344.65	391.48	563.84	381.96	305.62	3,359.21
1956	Wet	177.50	170.07	162.58	860.00	678.40	563.84	466.18	804.96	535.27	630.36	489.20	635.18	6,173.54
1957	Above Normal	378.39	316.11	427.76	308.74	375.91	372.45	289.63	275.71	162.18	739.41	605.56	531.51	4,783.36
1958	Wet	230.65	239.31	175.65	103.57	719.55	735.20	565.92	785.23	611.58	471.80	401.51	641.69	5,681.66
1959	Below Normal	394.65	326.69	420.37	318.27	505.26	366.54	359.59	362.21	323.85	715.19	593.65	398.73	5,085.00
1960	Dry	278.44	238.94	172.23	85.44	79.68	105.03	379.62	394.25	429.18	668.40	472.28	489.97	3,793.46
1961	Dry	250.93	234.05	185.63	97.16	98.12	105.87	304.68	355.01	412.56	594.76	347.24	166.00	3,152.01
1962	Below Normal	63.60	217.26	236.65	57.87	57.56	119.63	295.88	434.94	210.37	691.77	588.29	435.47	3,409.29
1963	Wet	221.01	206.54	166.77	178.85	711.92	508.31	777.58	462.31	437.68	709.15	575.60	613.41	5,569.13
1964	Dry	331.00	241.85	275.60	231.55	192.47	213.88	400.29	375.93	399.22	602.58	430.52	455.48	4,150.37
1965	Wet	262.06	225.78	255.46	875.89	392.94	399.48	594.48	465.27	401.74	682.42	506.43	618.85	5,680.80
1966	Below Normal	353.05	249.69	198.28	283.79	295.30	260.79	337.42	399.57	465.12	687.27	576.53	459.00	4,565.81
1967	Wet	238.78	216.49	166.02	114.96	191.02	631.48	356.83	719.81	639.31	384.19	368.67	658.81	4,686.37
1968	Below Normal	379.70	306.67	329.82	344.61	699.88	569.26	394.70	370.93	487.04	693.78	552.10	433.30	5,561.79
1969	Wet	265.04	202.68	171.53	503.31	689.84	563.84	538.83	812.35	434.49	372.08	384.09	574.99	5,513.07
1970	Wet	362.44	285.87	670.99	889.12	613.04	469.04	368.58	395.60	446.83	673.52	576.03	504.73	6,255.79
1971	Wet	342.31	270.57	234.74	336.90	321.59	474.89	443.97	661.86	541.81	690.26	546.05	619.45	5,484.40
1972	Below Normal	297.74	248.49	165.02	106.79	166.84	256.14	348.60	376.44	454.09	658.67	560.82	437.21	4,076.85
1973	Above Normal	219.67	200.91	167.63	125.12	485.19	463.40	344.70	467.25	514.78	653.70	502.33	461.49	4,606.17
1974	Wet	343.76	244.11	475.78	914.36	445.56	943.42	667.35	597.92	520.47	576.10	346.39	615.98	6,691.20
1975	Wet	354.21	296.93	218.35	309.55	501.21	756.48	361.26	690.25	588.34	646.91	342.67	635.81	5,701.97
1976	Critical	306.42	297.68	339.31	275.80	281.17	202.88	338.26	379.20	247.07	595.35	362.59	451.54	4,077.27
1977	Critical	303.80	212.48	173.42	80.73	84.09	95.11	136.18	66.28	113.41	46.11	45.38	42.88	1,399.87
1978	Above Normal	31.49	27.33	128.47	70.71	80.50	362.37	452.52	350.60	385.50	621.09	548.89	508.52	3,567.99
1979	Below Normal	347.80	260.64	357.99	214.12	196.47	253.63	352.83	387.05	517.12	636.87	530.18	339.94	4,394.64
1980	Above Normal	331.58	235.65	213.41	476.04	865.71	509.62	301.05	352.60	339.29	449.20	329.65	401.53	4,805.33
1981	Dry	352.68	277.53	264.01	308.37	324.06	500.23	301.74	367.89	347.86	679.96	480.68	504.32	4,709.33
1982	Wet	265.96	214.52	643.68	427.18	732.86	835.39	874.28	679.03	507.65	470.44	360.11	426.25	6,437.35
1983	Wet	394.42	541.55	730.01	710.61	861.48	978.49	509.46	723.16	735.97	387.17	304.11	416.39	7,292.82
1984	Wet	384.10	710.57	970.97	434.72	586.30	667.21	344.81	401.15	503.35	708.75	509.88	587.64	6,809.45
1985	Dry	340.05	237.72	273.69	280.01	275.85	305.40	352.51	448.71	468.42	615.75	416.66	383.12	4,397.89
1986	Wet	327.16	244.73	195.91	263.13	743.34	905.65	354.11	399.56	409.46	656.11	486.15	569.97	5,555.28
1987	Dry	365.41	296.60	358.29	297.89	280.09	189.33	237.98	315.29	360.06	352.15	221.50	180.17	3,454.76
1988	Critical	100.17	70.47	80.27	61.27	88.25	105.93	158.76	198.56	252.91	363.56	171.27	140.19	1,791.61
1989	Dry	70.42	66.65	43.66	38.96	70.25	77.21	321.58	453.04	434.03	664.66	508.56	440.52	3,189.54
1990	Critical	252.17	252.16	238.13	68.99	73.64	90.76	248.53	220.10	272.49	472.50	192.05	173.85	2,555.37
1991	Critical	94.53	57.94	65.29	66.55	63.03	91.19	148.60	173.23	210.32	419.40	181.07	160.86	1,732.01
1992	Critical	74.31	50.13	53.29	46.63	76.80	72.34	164.15	249.88	276.32	109.07	97.46	169.04	1,439.42
1993	Above Normal	134.41	24.56	160.24	72.01	128.42	492.57	419.06	629.34	412.50	701.85	616.36	578.75	4,370.07
1994	Critical	343.33	280.29	277.94	186.74	167.89	150.17	308.36	319.76	320.89	561.13	159.41	274.61	3,350.52
1995	Wet	99.40	172.77	297.93	65.85	354.40	806.32	813.39	942.99	760.56	431.25	417.38	426.35	5,588.59
1996	Wet	435.39	389.94	326.36	608.77	787.67	592.41	564.85	729.98	447.77	667.77	442.54	622.10	6,615.55
1997	Wet	368.64	294.52	725.76	902.46	589.26	515.63	372.75	379.65	414.50	647.63	447.74	581.46	6,240.00
1998	Wet	343.39	278.75	220.00	304.21	823.61	824.00	387.45	638.86	744.83	406.19	348.31	441.17	5,760.77
1999	Wet	426.47	511.88	421.29	781.64	804.34	712.18	348.88	390.08	407.20	659.63	410.04	481.30	6,354.93
2000	Above Normal	376.88	299.96	396.50	297.49	525.14	542.53	324.65	407.49	505.86	738.02	599.47	539.83	5,553.82
2001	Dry	315.46	262.98	329.62	129.03	116.30	127.40	237.62	337.73	372.88	393.31	246.29	187.91	3,056.53
2002	Dry	145.59	80.78	83.18	54.97	91.76	129.77	379.67	356.29	391.79	574.81	350.42	401.84	3,040.87
2003	Above Normal	283.88	186.80	272.08	90.11	116.12	161.01	267.29	484.04	196.98	742.36	593.24	570.34	3,964.25
	Average	274.86	234.88	272.57	278.81	332.69	386.41	382.96	444.79	420.32	572.55	436.30	426.25	4,463.38
	Wet	307.50	288.10	352.44	497.80	588.65	668.52	533.99	615.72	528.88	572.47	442.76	575.43	5,972.28
	Above Normal	284.04	212.05	299.37	245.54	338.99	448.50	367.11	456.03	410.89	679.77	562.28	530.08	4,834.64
	Below Normal	283.83	240.28	244.08	193.53	249.45	284.60	331.82	372.45	368.35	676.18	581.33	393.17	4,219.06
	Dry	254.48	209.82	227.43	158.99	163.84	188.28	314.70	370.37	411.37	586.26	413.15	352.28	3,650.96
	Critical	215.06	173.66	173.65	116.87	122.20	129.03	233.59	259.23	268.60	324.03	161.85	148.77	2,326.51

Difference in Energy generated (GWh) at Syst. Tot.: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	24.96	0.15	(0.19)	4.24	5.59	12.17	13.27	15.21	13.57	7.41
1923	Below Normal	13.61	13.94	11.30	(19.77)	(13.06)	48.28	70.47	(125.64)	(215.54)	56.95	57.05	83.42	(1.58)
1924	Critical	100.55	53.60	122.23	44.31	34.66	11.87	8.43	10.18	(42.24)	(262.39)	(124.41)	(97.17)	(11.70)
1925	Dry	56.84	138.02	203.59	21.65	10.56	(59.85)	(13.77)	(58.72)	(36.98)	(32.76)	(51.31)	(29.22)	12.34
1926	Dry	(31.91)	(29.26)	(19.27)	(2.87)	1.18	2.59	4.42	7.05	12.11	13.57	49.32	21.16	2.34
1927	Wet	(23.73)	36.18	28.89	6.84	(6.91)	(1.10)	(11.73)	(18.29)	(0.51)	3.82	3.24	3.86	1.71
1928	Above Normal	2.92	3.08	4.70	7.60	(7.76)	(4.82)	(14.59)	(1.88)	(104.39)	41.82	38.75	33.28	(0.11)
1929	Critical	17.07	14.36	7.95	(42.77)	(43.01)	(14.89)	10.37	2.22	(1.51)	(24.09)	(110.49)	(82.78)	(22.30)
1930	Dry	18.01	21.37	151.24	16.42	(1.01)	(0.82)	(5.33)	(5.65)	(25.80)	1.22	0.87	(3.00)	13.96
1931	Critical	(10.70)	(12.18)	(6.36)	2.14	(0.39)	1.07	0.08	(0.53)	(3.27)	9.29	(38.75)	(110.73)	(14.19)
1932	Dry	(7.18)	54.11	86.18	7.46	0.05	1.41	(1.15)	(1.70)	4.57	8.82	81.18	(3.41)	19.20
1933	Critical	(28.10)	5.56	0.38	19.41	0.08	1.89	4.56	3.80	5.29	(0.61)	12.27	10.87	2.95
1934	Critical	(3.16)	(0.29)	42.10	4.40	1.10	(2.96)	(7.61)	(9.74)	(11.09)	(10.55)	(4.04)	(0.05)	(0.16)
1935	Below Normal	45.24	(34.85)	(26.17)	(0.45)	0.32	0.94	5.73	6.97	42.93	8.11	8.36	8.28	5.45
1936	Below Normal	10.68	9.82	8.71	8.14	(11.07)	(12.77)	0.30	(0.50)	7.47	9.51	9.18	11.72	4.27
1937	Below Normal	9.07	8.91	8.92	(0.15)	(0.75)	16.17	(0.78)	1.09	20.92	3.59	(2.64)	2.93	5.61
1938	Wet	4.79	5.58	(3.10)	5.92	(39.98)	9.25	9.35	17.48	(11.54)	14.74	(5.02)	43.15	4.22
1939	Dry	2.99	4.02	(3.47)	7.46	(1.93)	(7.75)	(25.79)	(2.13)	31.76	4.21	0.96	(1.80)	0.71
1940	Above Normal	(0.33)	(33.63)	29.91	1.48	(5.63)	(2.03)	0.39	0.26	7.58	8.67	8.37	8.37	1.95
1941	Wet	8.90	8.73	6.77	0.08	(0.23)	(8.77)	(0.13)	1.31	9.16	8.93	8.73	8.92	4.37
1942	Wet	8.49	8.77	4.10	(4.32)	(0.11)	(1.34)	(0.15)	(1.46)	7.40	8.43	8.27	25.76	5.32
1943	Wet	7.98	8.41	8.47	(20.13)	(4.73)	3.45	5.27	(2.54)	7.40	8.63	8.86	8.95	3.34
1944	Dry	7.43	5.90	9.58	(8.69)	(15.86)	(5.06)	(0.60)	(0.48)	6.26	6.08	6.53	8.11	1.60
1945	Below Normal	5.31	5.22	5.52	6.30	(0.15)	(22.01)	0.05	(0.14)	8.53	8.58	8.90	44.78	5.91
1946	Below Normal	7.36	(10.92)	10.17	8.31	2.37	(26.67)	1.00	0.96	16.87	9.35	9.39	7.36	2.96
1947	Dry	9.69	9.71	9.67	10.10	0.18	(0.48)	(0.53)	0.46	5.94	6.01	4.58	3.25	4.88
1948	Below Normal	5.21	5.27	4.79	2.19	(3.10)	(0.94)	0.18	4.61	0.00	(0.03)	1.24	0.08	1.63
1949	Dry	0.16	0.19	0.02	(0.10)	0.03	(0.19)	(0.11)	0.16	0.27	0.35	1.50	0.13	0.20
1950	Below Normal	(1.13)	0.03	(0.05)	(1.59)	(1.56)	(0.49)	(0.05)	(0.06)	5.28	3.43	5.10	5.05	1.16
1951	Above Normal	5.29	5.29	(0.92)	6.58	(5.18)	0.42	0.00	0.00	8.94	8.92	8.92	8.91	3.93
1952	Wet	8.93	8.95	8.97	9.03	(0.19)	(0.01)	2.11	(1.78)	(4.91)	3.82	1.95	17.70	4.55
1953	Wet	1.54	0.70	5.84	18.74	9.46	(23.59)	(54.97)	(3.37)	8.10	6.78	7.11	7.75	(1.33)
1954	Above Normal	9.82	11.67	10.80	20.16	10.57	7.80	1.90	3.00	13.62	2.41	4.32	4.25	8.36
1955	Dry	5.32	4.41	4.28	4.38	(0.06)	(0.32)	(1.63)	(1.96)	(0.64)	(0.35)	(0.63)	(5.87)	0.58
1956	Wet	0.04	0.35	0.59	(31.19)	0.03	0.83	0.20	0.19	8.97	9.08	8.80	10.12	0.67
1957	Above Normal	9.08	9.12	9.06	9.82	(0.10)	(1.21)	0.12	0.72	8.44	8.44	8.04	8.15	5.81
1958	Wet	8.46	8.40	8.48	8.48	0.00	(0.23)	2.89	3.79	11.37	8.99	8.90	9.01	6.55
1959	Below Normal	8.84	7.10	9.01	8.02	(4.13)	(6.79)	(5.88)	(8.00)	(40.52)	8.32	7.23	6.24	(0.88)
1960	Dry	6.12	5.51	6.21	5.92	(0.41)	0.53	0.84	0.02	9.31	(1.74)	8.53	(4.36)	3.04
1961	Dry	(0.89)	(3.01)	(1.99)	3.08	2.77	1.05	0.53	0.67	0.71	0.49	2.65	(0.20)	0.49
1962	Below Normal	(2.54)	0.69	0.85	0.02	0.00	0.00	0.01	0.00	8.64	8.22	8.22	8.24	2.70
1963	Wet	8.65	8.66	8.68	8.65	0.00	0.00	(0.09)	(0.13)	8.76	11.51	9.09	10.35	6.18
1964	Dry	8.93	8.30	8.95	8.49	(0.09)	0.69	(0.08)	(0.08)	0.12	0.10	0.19	0.09	2.97
1965	Wet	0.28	0.05	0.05	0.79	0.32	(1.53)	(0.68)	(1.01)	4.63	9.94	10.11	9.90	2.74
1966	Below Normal	9.67	9.59	9.38	7.08	(1.44)	(0.75)	(0.02)	(0.27)	7.03	7.01	6.72	6.26	5.02
1967	Wet	7.59	6.99	6.99	6.71	(0.12)	(0.02)	2.36	3.32	(0.12)	8.80	8.74	10.29	5.13
1968	Below Normal	8.76	1.48	2.66	(0.82)	(0.37)	0.81	(1.28)	1.37	7.56	11.81	11.50	9.97	4.45
1969	Wet	(4.31)	6.47	4.54	(36.04)	(24.32)	0.00	3.82	(1.18)	(1.23)	12.22	4.67	4.02	(2.61)
1970	Wet	14.82	7.63	2.82	4.98	(5.81)	0.17	(7.46)	1.06	10.16	9.62	9.74	9.36	4.76
1971	Wet	9.86	9.68	9.63	3.24	2.28	0.96	(0.54)	(0.74)	2.58	6.76	6.59	6.68	4.75
1972	Below Normal	6.57	6.64	6.64	6.86	0.28	0.51	(0.04)	(0.10)	0.03	(0.01)	0.02	0.05	2.29
1973	Above Normal	0.10	0.10	0.14	0.37	0.18	0.17	(0.14)	(0.61)	7.07	8.95	8.96	8.92	2.85
1974	Wet	8.97	8.98	9.03	6.78	(8.19)	(12.64)	15.32	(4.41)	3.93	7.66	7.33	28.00	5.90
1975	Wet	7.13	7.12	7.90	4.89	(20.06)	(9.49)	3.16	3.49	11.92	11.09	11.21	11.05	4.12
1976	Critical	12.07	11.31	10.75	10.80	1.55	0.13	(1.28)	(1.54)	(1.33)	(2.52)	0.73	(1.79)	3.24
1977	Critical	(1.45)	(2.20)	(1.39)	(0.08)	(0.08)	0.01	6.40	0.02	0.06	0.01	0.01	0.01	0.11
1978	Above Normal	0.01	0.56	(0.82)	0.01	0.04	(3.50)	1.60	9.39	21.07	17.91	16.31	13.98	6.38
1979	Below Normal	6.63	3.44	3.66	(22.43)	(64.57)	(20.06)	33.88	1.50	7.43	10.76	10.87	39.71	0.90
1980	Above Normal	53.34	9.53	9.59	(93.61)	(9.15)	(5.53)	(9.88)	(8.78)	0.88	(48.87)	12.56	88.96	(0.08)
1981	Dry	0.36	(4.62)	(1.37)	(6.06)	(48.07)	35.19	5.05	6.54	54.70	5.87	(1.78)	7.70	4.46
1982	Wet	14.95	9.78	4.40	8.53	0.44	(0.07)	0.03	6.21	16.62	8.96	8.64	8.95	7.29
1983	Wet	(6.33)	15.59	0.00	0.00	(0.35)	0.00	0.04	0.00	0.01	(0.22)	8.63	8.92	2.19
1984	Wet	0.00	0.00	0.00	0.00	0.43	0.00	0.01	0.01	8.93	8.94	8.94	8.98	3.02
1985	Dry	8.94	8.95	8.94	8.51	0.00	(0.01)	0.00	0.01	6.54	6.53	6.52	6.53	5.12
1986	Wet	6.55	6.52	6.60	6.24	(0.01)	(67.10)	21.31	3.74	9.84	9.01	39.01	(32.85)	0.74
1987	Dry	9.36	7.73	9.07	5.01	(0.40)	(0.04)	(5.76)	(7.14)	(7.73)	(11.04)	(6.32)	(4.16)	(0.95)
1988	Critical	(2.97)	(2.07)	(1.08)	(0.54)	(0.41)	0.90	0.00	(0.02)	0.02	0.31	(0.02)	0.01	(0.49)
1989	Dry	0.03	0.00	0.00	(0.04)	(0.05)	(0.07)	(0.17)	(0.12)	(1.39)	0.02	(10.74)	2.54	(0.83)
1990	Critical	2.88	2.13	2.79	(0.02)	0.01	0.02	0.06	0.03	0.04	0.23	0.02	0.09	0.69
1991	Critical	0.03	0.02	0.04	0.07	0.01	0.01	0.00	(2.58)	0.14	2.05	(0.46)	0.49	(0.02)
1992	Critical	0.29	(2.15)	1.60	1.07	0.02	0.00	0.01	0.02	0.02	(0.04)	(0.04)	(0.56)	0.02
1993	Above Normal	(0.53)	(0.06)	1.43	0.03	(0.11)	1.27	(0.24)	0.10	6.18	9.74	9.58	9.59	3.08
1994	Critical	9.33	9.31	9.20	7.97	(0.82)	(0.28)	0.00	0.07	0.49	0.03	(0.45)	0.03	2.91
1995	Wet	2.13	(0.57)	(0.54)	0.08	(0.01)	(0.02)	1.84	27.65	16.48	8.92	8.74	9.05	6.15
1996	Wet	7.22	8.33	8.84	(103.51)	(76.43)	(38.70)	(8.73)	(9.88)	9.51	4.44	4.23	4.46	(15.85)
1997	Wet	3.84	4.43	5.82	(1.67)	(7.59)	(0.16)	1.29	1.31	4.84	18.82	9.41	9.66	4.17
1998	Wet	10.89	9.55	9.37	10.18	(4.69)	(0.22)	1.70	(5.66)	(5.06)	(5.24)	2.35	3.21	2.20
1999	Wet	17.12	0.05	11.74	11.20	1.51	(11.18)	(15.02)	0.83	9.80	9.26	9.33	5.20	4.15
2000	Above Normal	9.47	9.32	9.46	9.38	6.43	(1.94)	(1.09)	0.45	8.87	9.72	9.03	8.99	6.51
2001	Dry	7.37	7.24	0.79	2.63	(5.23)	(1.21)	1.36	1.80	3.48	9.33	2.99	2.54	2.76
2002	Dry	2.24	2.06	1.85	1.62	0.15	(0.12)	(0.94)	(0.99)	(0.89)	(0.57)	(2.90)	2.11	0.30
2003	Above Normal	(0.50)	6.10	(6.72)	2.21	1.93	0.72	(0.06)	(0.09)	6.04	6.02	5.72	5.97	2.28
	Average	6.78	6.84	11.58	0.57	(4.35)	(2.81)	0.42	(1.83)	0.35	2.12	4.04	5.10	2.40
	Wet	5.18	7.51	6.34	(2.90)	(7.13)	(6.21)	(1.11)	0.77	5.66	8.22	8.37	9.63	2.86
	Above Normal	7.39	1.76	5.55	(0.92)	(0.72)	(0.74)	(1.48)	0.68	(0.29)	7.25	12.15	17.75	4.03
	Below Normal	9.52	1.88	3.96	0.12	(6.95)	(1.70)	7.40	(8.44)	(8.81)	10.40	10.08	16.72	2.85
	Dry	5.77	13.37	26.35	4.72	(3.23)	(1.91)	(2.43)	(3.46)	3.46	0.90	5.12	0.12	4.07
	Critical	7.99	6.45	15.68	3.90	(0.61)	(0.19)	1.75	0.16	(4.45)	(24.02)	(22.14)	(23.47)	(3.25)

Percent Difference in Energy generated (GWh) at Syst. Tot.: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	23%	0%	0%	1%	1%	2%	2%	3%	2%
1923	Below Normal	4%	5%	4%	-6%	-4%	14%	23%	-34%	-59%	9%	10%	26%
1924	Critical	40%	23%	68%	33%	26%	6%	4%	4%	-14%	-64%	-60%	-69%
1925	Dry	85%	247%	395%	34%	17%	-37%	-5%	-16%	-8%	-5%	-11%	-7%
1926	Dry	-13%	-16%	-12%	-4%	2%	2%	2%	2%	3%	2%	12%	8%
1927	Wet	-14%	21%	13%	10%	-4%	0%	-2%	-4%	0%	1%	1%	1%
1928	Above Normal	1%	1%	2%	3%	-2%	-1%	-4%	0%	-20%	6%	7%	7%
1929	Critical	5%	6%	4%	-18%	-19%	-9%	5%	1%	-1%	-10%	-58%	-65%
1930	Dry	25%	40%	95%	38%	-1%	-1%	-2%	-2%	-6%	0%	0%	-1%
1931	Critical	-7%	-11%	-8%	3%	-1%	1%	0%	0%	-1%	3%	-16%	-71%
1932	Dry	-9%	86%	54%	14%	0%	1%	0%	-1%	1%	2%	20%	-1%
1933	Critical	-15%	4%	0%	27%	0%	1%	2%	1%	1%	0%	5%	6%
1934	Critical	-3%	0%	36%	6%	1%	-3%	-3%	-3%	-3%	-4%	-4%	0%
1935	Below Normal	40%	-19%	-19%	-1%	0%	1%	2%	2%	13%	1%	1%	2%
1936	Below Normal	4%	4%	5%	8%	-4%	-3%	0%	0%	2%	1%	2%	4%
1937	Below Normal	2%	3%	3%	0%	0%	5%	0%	0%	4%	1%	-1%	1%
1938	Wet	1%	2%	-2%	2%	-6%	1%	1%	2%	-2%	3%	-1%	8%
1939	Dry	1%	1%	-1%	2%	-1%	-2%	-6%	0%	10%	1%	0%	0%
1940	Above Normal	0%	-20%	12%	2%	-7%	0%	0%	0%	2%	1%	1%	2%
1941	Wet	3%	4%	4%	0%	0%	-1%	0%	0%	2%	2%	2%	1%
1942	Wet	3%	3%	1%	-1%	0%	0%	0%	0%	1%	2%	2%	4%
1943	Wet	2%	3%	4%	-2%	-1%	0%	1%	-1%	2%	1%	1%	1%
1944	Dry	2%	2%	3%	-3%	-7%	-3%	0%	0%	1%	1%	2%	4%
1945	Below Normal	3%	4%	4%	6%	0%	-6%	0%	0%	2%	1%	2%	14%
1946	Below Normal	2%	-4%	4%	3%	1%	-8%	0%	0%	4%	1%	2%	2%
1947	Dry	3%	4%	5%	4%	0%	0%	0%	0%	1%	1%	1%	1%
1948	Below Normal	2%	3%	3%	1%	-2%	-1%	0%	2%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-2%	-2%	-1%	0%	0%	4%	0%	1%	1%
1951	Above Normal	2%	2%	0%	1%	-1%	0%	0%	0%	2%	1%	1%	2%
1952	Wet	3%	4%	4%	3%	0%	0%	0%	0%	-1%	1%	1%	3%
1953	Wet	0%	0%	1%	2%	3%	-4%	-10%	-1%	1%	1%	2%	1%
1954	Above Normal	3%	5%	3%	8%	5%	2%	0%	1%	3%	0%	1%	1%
1955	Dry	2%	2%	3%	4%	0%	0%	-1%	-1%	0%	0%	0%	-2%
1956	Wet	0%	0%	0%	-3%	0%	0%	0%	0%	2%	1%	2%	2%
1957	Above Normal	2%	3%	2%	3%	0%	0%	0%	0%	5%	1%	1%	2%
1958	Wet	4%	4%	5%	9%	0%	0%	1%	0%	2%	2%	2%	1%
1959	Below Normal	2%	2%	2%	3%	-1%	-2%	-2%	-2%	-11%	1%	1%	2%
1960	Dry	2%	2%	4%	7%	-1%	1%	0%	0%	2%	0%	2%	-1%
1961	Dry	0%	-1%	-1%	3%	3%	1%	0%	0%	0%	0%	1%	0%
1962	Below Normal	-4%	0%	0%	0%	0%	0%	0%	0%	4%	1%	1%	2%
1963	Wet	4%	4%	5%	5%	0%	0%	0%	0%	2%	2%	2%	2%
1964	Dry	3%	4%	3%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	2%	2%
1966	Below Normal	3%	4%	5%	3%	0%	0%	0%	0%	2%	1%	1%	1%
1967	Wet	3%	3%	4%	6%	0%	0%	1%	0%	0%	2%	2%	2%
1968	Below Normal	2%	0%	1%	0%	0%	0%	0%	0%	2%	2%	2%	2%
1969	Wet	-2%	3%	3%	-7%	-3%	0%	1%	0%	0%	3%	1%	1%
1970	Wet	4%	3%	0%	1%	-1%	0%	-2%	0%	2%	1%	2%	2%
1971	Wet	3%	4%	4%	1%	1%	0%	0%	0%	0%	1%	1%	1%
1972	Below Normal	2%	3%	4%	7%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	2%	2%
1974	Wet	3%	4%	2%	1%	-2%	-1%	2%	-1%	1%	1%	2%	5%
1975	Wet	2%	2%	4%	2%	-4%	-1%	1%	1%	2%	2%	3%	2%
1976	Critical	4%	4%	3%	4%	1%	0%	0%	0%	-1%	0%	0%	0%
1977	Critical	0%	-1%	-1%	0%	0%	0%	5%	0%	0%	0%	0%	0%
1978	Above Normal	0%	2%	-1%	0%	0%	-1%	0%	3%	6%	3%	3%	3%
1979	Below Normal	2%	1%	1%	-9%	-25%	-7%	11%	0%	1%	2%	2%	13%
1980	Above Normal	19%	4%	5%	-16%	-1%	-1%	-3%	-2%	0%	-10%	4%	28%
1981	Dry	0%	-2%	-1%	-2%	-13%	8%	2%	2%	19%	1%	0%	2%
1982	Wet	6%	5%	1%	2%	0%	0%	0%	1%	3%	2%	2%	2%
1983	Wet	-2%	3%	0%	0%	0%	0%	0%	0%	0%	0%	3%	2%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	2%	1%	2%	2%
1985	Dry	3%	4%	3%	3%	0%	0%	0%	0%	1%	1%	2%	2%
1986	Wet	2%	3%	3%	2%	0%	-7%	6%	1%	2%	1%	9%	-5%
1987	Dry	3%	3%	3%	2%	0%	0%	-2%	-2%	-2%	-3%	-3%	-2%
1988	Critical	-3%	-3%	-1%	-1%	0%	1%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%
1992	Critical	0%	-4%	3%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	1%	0%	0%	0%	0%	0%	2%	1%	2%	2%
1994	Critical	3%	3%	3%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	2%	0%	0%	0%	0%	0%	0%	3%	2%	2%	2%	2%
1996	Wet	2%	2%	3%	-15%	-9%	-6%	-2%	-1%	2%	1%	1%	1%
1997	Wet	1%	2%	1%	0%	-1%	0%	0%	0%	1%	3%	2%	2%
1998	Wet	3%	4%	4%	3%	-1%	0%	0%	-1%	-1%	-1%	1%	1%
1999	Wet	4%	0%	3%	1%	0%	-2%	-4%	0%	2%	1%	2%	1%
2000	Above Normal	3%	3%	2%	3%	1%	0%	0%	0%	2%	1%	2%	2%
2001	Dry	2%	3%	0%	2%	-4%	-1%	1%	1%	1%	2%	1%	1%
2002	Dry	2%	3%	2%	3%	0%	0%	0%	0%	0%	0%	-1%	1%
2003	Above Normal	0%	3%	-2%	3%	2%	0%	0%	0%	3%	1%	1%	1%
	Average	3%	6%	9%	3%	-1%	-1%	0%	-1%	0%	0%	0%	0%
	Wet	2%	3%	3%	1%	-1%	-1%	0%	0%	1%	1%	2%	2%
	Above Normal	2%	0%	2%	2%	0%	0%	0%	0%	1%	1%	2%	4%
	Below Normal	5%	0%	1%	1%	-3%	-1%	2%	-2%	-2%	2%	2%	5%
	Dry	6%	21%	31%	6%	0%	-2%	-1%	-1%	1%	0%	1%	0%
	Critical	2%	2%	9%	5%	1%	0%	1%	0%	-1%	-6%	-11%	-17%

Energy generated (GWh) at Thermalito Dam: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	20.29	12.39	16.99	8.71	12.93	24.46	6.41	85.94	32.41	39.74	24.49	43.71	328.47
1923	Below Normal	20.48	12.39	19.80	8.71	16.13	8.71	4.96	5.12	4.96	41.46	36.83	12.73	192.28
1924	Critical	11.97	12.39	10.51	8.71	8.14	13.18	8.60	13.14	14.98	41.97	8.80	5.11	157.50
1925	Dry	4.61	4.46	5.10	4.61	4.16	4.10	3.72	3.84	16.11	41.32	20.57	23.61	136.21
1926	Dry	11.25	7.82	8.79	4.61	4.16	8.27	3.72	15.75	22.73	46.00	24.33	10.81	168.24
1927	Wet	4.61	4.46	21.27	4.61	13.12	36.28	23.67	20.69	10.13	47.58	40.96	48.84	276.22
1928	Above Normal	20.48	12.39	15.68	8.71	21.21	42.74	4.96	5.12	23.94	51.21	41.11	38.56	286.11
1929	Critical	20.48	8.42	8.71	8.71	7.86	9.36	9.39	15.25	12.76	6.70	4.28	3.83	115.75
1930	Dry	4.61	4.46	20.78	4.61	18.55	4.10	3.72	3.84	20.12	44.94	20.66	22.81	173.20
1931	Critical	7.79	5.58	4.61	4.61	4.16	4.10	15.46	11.74	13.83	31.87	11.31	5.54	120.60
1932	Dry	4.61	4.46	23.43	4.61	4.31	14.50	5.63	3.84	3.72	40.01	26.04	3.83	138.99
1933	Critical	10.00	10.08	4.61	4.61	4.16	24.17	3.87	10.62	10.87	15.56	3.84	3.83	106.22
1934	Critical	4.61	4.46	14.18	4.61	17.25	4.62	13.10	16.79	16.59	10.78	9.60	4.91	121.50
1935	Below Normal	6.34	4.46	4.61	4.61	4.39	4.10	4.96	5.12	9.28	44.23	38.87	24.05	155.02
1936	Below Normal	11.40	10.28	8.71	8.71	28.39	28.30	4.96	5.69	7.97	42.24	37.96	7.73	202.34
1937	Below Normal	20.48	12.39	26.99	8.71	7.86	8.71	4.96	5.12	33.67	42.15	28.51	4.96	204.51
1938	Wet	20.48	8.42	8.71	8.71	62.17	89.10	64.94	88.70	40.63	17.42	21.61	41.30	472.19
1939	Dry	20.48	12.39	15.12	8.71	7.86	8.71	13.34	15.91	14.21	46.07	32.72	32.54	228.06
1940	Above Normal	7.98	5.95	6.38	6.14	5.75	89.10	19.01	5.12	13.14	51.21	42.49	40.54	292.81
1941	Wet	19.64	12.39	8.71	8.71	70.47	58.59	18.81	43.56	15.40	33.11	10.97	49.56	349.92
1942	Wet	20.48	12.39	39.95	73.58	80.48	14.21	52.25	29.84	29.95	30.84	16.83	47.36	448.16
1943	Wet	20.48	12.39	8.71	86.35	34.67	82.32	20.85	5.12	9.71	49.49	39.65	49.56	419.30
1944	Dry	20.48	13.10	28.00	10.98	10.27	10.98	9.11	7.84	19.83	44.29	28.70	4.96	208.54
1945	Below Normal	8.71	8.42	8.71	8.71	7.86	8.71	4.96	5.46	6.38	43.86	37.81	9.24	158.83
1946	Below Normal	20.48	11.44	8.71	8.71	7.96	18.51	4.96	10.35	12.78	48.65	42.03	18.32	212.90
1947	Dry	20.48	12.39	8.71	8.71	7.86	8.71	4.96	10.50	14.37	44.34	28.98	27.41	197.42
1948	Below Normal	12.08	7.22	6.14	6.64	6.47	5.12	4.96	5.12	4.96	44.54	37.97	4.96	146.18
1949	Dry	10.91	8.57	8.71	8.71	7.86	8.71	6.83	6.27	18.61	44.96	25.48	28.31	183.93
1950	Below Normal	7.09	4.75	6.12	4.61	4.16	4.10	4.96	5.12	4.96	45.94	39.77	16.87	148.45
1951	Above Normal	10.93	8.42	63.61	59.83	50.17	23.22	4.96	8.96	14.34	51.21	41.47	36.15	373.27
1952	Wet	20.48	12.39	8.71	8.71	55.60	36.29	86.23	89.10	44.92	12.03	6.41	38.60	419.47
1953	Wet	20.48	12.39	33.16	89.10	7.86	31.55	22.45	16.83	27.47	48.91	23.24	45.88	379.32
1954	Above Normal	20.48	12.39	30.10	15.23	7.86	34.68	30.86	5.12	23.68	51.21	40.80	39.94	312.35
1955	Dry	18.56	8.42	8.71	8.71	7.86	8.71	8.32	5.58	10.77	42.55	17.18	15.78	161.15
1956	Wet	8.71	8.42	8.71	89.10	54.34	32.87	15.98	55.45	21.63	37.56	21.32	45.83	399.92
1957	Above Normal	20.48	12.39	35.26	8.71	17.97	25.80	4.96	5.12	4.96	49.54	37.56	39.79	262.54
1958	Wet	8.71	11.85	8.71	8.71	80.48	60.98	37.98	53.54	33.06	16.57	8.63	43.93	373.15
1959	Below Normal	20.48	12.39	33.41	8.71	36.49	11.53	9.40	6.04	19.69	50.29	39.81	22.77	271.01
1960	Dry	13.61	12.39	8.51	6.14	5.75	5.12	11.08	7.27	18.24	44.61	30.49	30.15	193.36
1961	Dry	6.38	5.95	7.14	6.14	5.55	5.47	6.08	6.26	12.71	46.51	17.98	3.83	130.00
1962	Below Normal	4.61	4.46	4.61	4.61	4.16	4.10	3.87	15.94	12.88	46.44	38.10	23.62	167.40
1963	Wet	6.14	5.95	6.14	9.42	75.86	42.52	64.88	16.21	10.37	49.57	36.27	48.22	371.55
1964	Dry	20.48	10.61	9.06	8.71	8.14	8.71	6.08	5.12	8.13	43.11	19.37	32.94	180.46
1965	Wet	14.03	8.42	13.93	89.10	22.52	26.86	38.64	17.91	10.85	48.53	30.42	49.56	370.77
1966	Below Normal	20.48	12.39	8.71	8.71	7.86	8.71	4.96	9.25	18.66	51.21	41.09	32.43	224.46
1967	Wet	12.79	8.42	8.71	8.71	7.86	58.36	10.69	47.28	42.11	7.33	6.48	47.27	266.01
1968	Below Normal	20.48	12.39	22.33	13.29	56.46	33.98	9.85	5.94	19.87	51.21	37.50	26.71	310.01
1969	Wet	16.72	8.42	8.71	49.60	57.70	33.06	37.39	65.62	18.51	8.93	12.04	40.27	356.97
1970	Wet	19.52	12.39	69.82	89.10	49.31	21.11	7.35	5.12	12.41	48.30	39.14	34.63	408.20
1971	Wet	20.48	13.93	11.83	11.83	10.68	33.40	19.01	43.97	27.94	48.01	32.87	49.56	323.51
1972	Below Normal	17.61	12.39	8.71	8.71	8.14	10.13	4.96	5.12	14.61	45.65	37.17	27.76	200.96
1973	Above Normal	8.71	8.42	8.71	8.71	43.65	31.31	4.96	13.30	19.52	43.75	26.47	26.28	243.79
1974	Wet	20.48	8.42	41.99	89.10	26.80	89.10	41.84	29.58	21.65	34.94	5.12	40.98	450.00
1975	Wet	20.48	12.39	8.71	8.71	37.28	66.14	4.96	42.86	30.46	41.91	5.12	47.17	326.19
1976	Critical	14.26	12.39	24.49	8.71	8.14	8.71	4.96	5.74	5.58	35.59	17.70	29.94	176.21
1977	Critical	20.48	5.95	6.14	6.14	5.55	5.12	4.71	5.03	12.38	7.59	7.56	7.36	94.01
1978	Above Normal	4.85	4.46	4.61	4.61	4.16	27.39	25.23	5.12	7.79	38.91	32.88	36.05	196.06
1979	Below Normal	20.48	12.39	31.44	6.14	5.55	5.12	4.96	5.12	19.87	43.35	33.09	6.54	194.05
1980	Above Normal	14.20	8.42	8.71	50.27	83.35	27.22	4.96	5.12	4.96	27.55	5.12	4.96	244.84
1981	Dry	20.48	12.39	18.08	10.12	17.18	35.68	4.96	5.12	21.06	43.79	25.58	32.22	246.66
1982	Wet	10.85	5.95	69.46	42.72	80.48	68.62	86.23	40.93	18.60	17.57	5.12	19.67	466.20
1983	Wet	24.09	43.07	56.25	64.97	80.48	89.10	43.35	60.73	57.86	14.87	7.81	25.09	567.67
1984	Wet	25.83	72.10	89.10	28.69	41.20	46.28	4.96	5.12	17.93	51.21	29.18	44.69	456.29
1985	Dry	20.48	8.42	8.71	8.71	7.86	8.71	4.96	14.51	17.28	44.76	18.37	23.42	186.19
1986	Wet	20.48	12.39	8.71	8.71	80.48	89.10	4.96	5.12	7.99	44.56	16.74	49.15	348.39
1987	Dry	20.48	12.39	30.10	8.71	7.86	8.71	4.96	10.93	16.10	25.88	5.12	4.96	156.20
1988	Critical	6.14	5.95	6.14	6.14	6.50	6.38	3.72	8.11	13.07	38.50	6.78	6.35	113.78
1989	Dry	4.61	4.46	4.61	4.61	5.52	4.10	3.72	11.51	18.68	42.54	30.85	28.99	164.20
1990	Critical	10.09	12.39	17.97	4.61	4.16	4.10	6.13	4.06	4.59	41.97	3.84	5.32	119.23
1991	Critical	4.93	4.46	6.55	6.75	4.16	4.10	3.72	3.84	16.95	43.68	6.15	6.66	111.95
1992	Critical	4.61	4.78	4.61	4.61	4.31	4.10	3.72	8.74	15.85	8.38	6.65	9.37	79.73
1993	Above Normal	4.70	4.46	4.10	4.61	4.16	44.66	17.72	39.76	22.12	46.40	39.32	40.30	272.31
1994	Critical	20.48	12.39	20.22	6.14	5.55	5.12	4.96	5.12	6.53	42.20	9.19	9.40	147.30
1995	Wet	10.08	5.95	6.14	6.14	35.63	89.10	63.82	89.10	54.30	12.16	11.52	16.02	399.96
1996	Wet	23.39	22.64	20.83	61.21	83.35	51.94	33.22	53.29	11.74	43.55	17.27	46.04	468.47
1997	Wet	20.48	12.39	76.96	89.10	47.60	27.16	4.96	5.12	11.33	45.28	23.17	46.48	410.03
1998	Wet	20.48	12.39	11.34	8.71	79.49	73.10	14.59	47.04	55.27	12.86	5.87	22.26	363.40
1999	Wet	26.74	41.71	30.84	71.15	76.70	58.12	4.96	5.12	8.50	44.69	14.70	27.07	410.30
2000	Above Normal	20.48	12.39	32.74	8.71	42.53	48.11	4.96	7.76	18.00	51.21	38.13	37.98	323.00
2001	Dry	20.48	12.39	32.32	8.71	7.86	8.71	4.96	10.55	16.88	28.62	5.12	4.96	161.56
2002	Dry	12.44	5.95	6.14	6.14	6.11	5.12	4.96	5.12	7.44	42.09	7.38	26.27	135.16
2003	Above Normal	9.09	9.97	8.71	8.71	7.86	8.71	4.96	24.30	10.27	51.08	37.90	41.37	222.93
	Average	14.91	11.12	18.31	19.80	25.38	27.47	15.05	18.86	17.77	38.33	23.21	26.64	256.85
	Wet	17.58	15.46	26.39	42.87	52.02	54.05	31.88	37.81	25.03	33.38	18.79	40.96	396.21
	Above Normal	13.56	9.34	19.63	16.08	25.13	35.62	11.16	17.56	16.26	46.09	33.98	35.47	279.87
	Below Normal	15.09	9.84	14.21	7.83	14.42	11.42	5.55	6.75	13.61	45.80	37.61	17.05	199.17
	Dry	14.19	8.95	14.00	7.35	8.04	9.28	6.17	8.32	15.39	42.02	21.38	19.88	174.97
	Critical	11.32	8.27	10.73	6.20	6.66	7.76	6.86	9.02	12.00	27.07	7.98	8.14	121.98

Energy generated (GWh) at Thermalito Dam: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	20.29	12.39	16.99	8.71	12.87	24.42	6.38	85.88	32.33	39.80	24.56	43.62	328.24
1923	Below Normal	20.48	12.39	19.78	8.71	16.93	8.71	4.96	5.12	4.96	41.34	36.75	16.62	196.75
1924	Critical	18.25	12.39	21.70	8.71	8.14	13.26	8.62	13.15	15.01	18.93	8.54	5.11	151.81
1925	Dry	4.61	4.46	5.11	4.61	4.16	4.10	3.72	3.84	17.79	41.33	19.88	23.72	137.33
1926	Dry	8.78	5.45	8.79	4.61	4.16	7.48	3.72	15.62	22.83	44.38	29.73	11.16	166.71
1927	Wet	4.61	4.46	21.26	4.61	13.07	36.29	23.68	20.69	10.14	47.58	40.93	48.85	276.17
1928	Above Normal	20.48	12.39	15.67	8.71	21.21	42.85	4.96	5.12	24.03	51.21	41.21	38.68	286.52
1929	Critical	20.48	8.42	8.71	8.71	7.86	8.97	9.39	15.25	12.77	6.71	4.10	3.83	115.20
1930	Dry	4.61	4.46	20.78	4.61	18.56	4.10	3.72	3.84	20.14	44.96	21.10	22.79	173.67
1931	Critical	7.17	4.94	4.61	4.61	4.16	4.10	15.46	11.75	13.83	33.14	11.33	5.54	120.64
1932	Dry	4.61	4.46	23.42	4.61	4.31	14.50	5.63	3.84	3.72	40.00	38.00	3.83	150.93
1933	Critical	4.61	5.99	4.61	4.61	4.16	24.17	3.87	10.62	10.81	13.08	3.84	3.83	94.20
1934	Critical	4.61	4.46	14.18	4.61	17.25	4.51	13.08	16.77	16.56	10.75	9.58	4.92	121.28
1935	Below Normal	7.61	4.46	4.61	4.61	4.39	4.10	4.96	5.12	9.29	44.22	38.86	24.03	156.26
1936	Below Normal	11.60	10.42	8.71	8.71	26.98	28.31	4.96	5.69	7.97	42.29	37.96	8.09	201.69
1937	Below Normal	20.48	12.39	26.97	8.71	7.86	8.71	4.96	5.12	36.87	42.15	27.39	4.96	206.57
1938	Wet	20.48	8.42	8.71	8.71	59.73	89.10	64.94	88.70	40.63	18.60	21.33	46.16	475.51
1939	Dry	20.48	12.39	13.81	8.71	7.86	8.71	13.34	15.55	14.14	46.00	32.56	31.40	224.95
1940	Above Normal	6.14	5.95	6.14	6.14	5.75	89.10	19.01	5.12	13.13	51.21	42.50	40.55	290.74
1941	Wet	19.66	12.39	8.71	8.71	70.44	58.59	18.81	43.56	15.40	33.11	10.78	49.56	349.72
1942	Wet	20.48	12.39	39.95	73.58	80.48	14.22	52.26	29.84	29.96	30.84	16.83	49.56	450.39
1943	Wet	20.48	12.39	8.71	84.03	34.67	82.32	20.85	5.12	9.72	49.43	39.64	49.56	416.92
1944	Dry	20.48	13.11	28.06	10.99	10.28	10.99	9.11	7.84	19.82	44.28	29.25	4.96	209.17
1945	Below Normal	8.71	8.42	8.71	8.71	7.86	8.71	4.96	5.46	6.38	43.80	37.81	14.68	164.21
1946	Below Normal	20.48	8.42	8.71	8.71	8.64	14.97	4.96	10.34	13.66	48.64	42.01	18.00	207.54
1947	Dry	20.48	12.39	8.71	8.71	7.86	8.71	4.96	10.50	14.38	44.35	28.83	27.00	196.88
1948	Below Normal	12.08	7.22	6.14	6.64	6.46	5.12	4.96	5.12	4.96	44.54	39.12	4.96	147.32
1949	Dry	10.93	8.62	8.71	8.71	7.86	8.71	6.82	6.27	18.61	44.96	25.67	28.31	184.18
1950	Below Normal	6.84	4.76	6.12	4.61	4.16	4.10	4.96	5.12	4.96	45.74	39.77	16.87	148.01
1951	Above Normal	10.93	8.42	63.82	59.83	50.17	23.64	4.96	8.96	14.34	51.21	41.47	36.15	373.90
1952	Wet	20.48	12.39	8.71	8.71	55.60	36.29	86.23	89.10	44.98	12.09	6.41	40.54	421.53
1953	Wet	20.48	12.39	31.61	89.10	7.86	31.55	22.45	16.83	27.47	48.90	23.24	45.86	377.74
1954	Above Normal	20.48	12.39	30.09	15.23	7.86	34.69	30.86	5.12	23.68	51.21	40.80	39.93	312.34
1955	Dry	18.70	8.42	8.71	8.71	7.86	8.71	8.32	5.58	10.77	42.55	17.18	14.81	160.32
1956	Wet	8.71	8.42	8.71	89.10	54.34	33.64	15.98	55.45	21.63	37.56	21.32	45.98	400.84
1957	Above Normal	20.48	12.39	35.26	8.71	17.97	25.66	4.96	5.12	4.96	49.54	37.56	39.79	262.40
1958	Wet	8.71	11.78	8.71	8.71	80.48	60.98	37.98	53.54	33.06	16.58	9.05	43.94	373.52
1959	Below Normal	20.48	12.39	33.42	8.71	36.47	11.58	9.40	6.05	19.71	50.31	39.82	22.64	270.98
1960	Dry	13.46	12.16	8.40	6.14	5.75	5.12	11.08	7.27	18.24	44.61	30.72	30.15	193.10
1961	Dry	6.81	5.95	7.14	6.14	5.55	5.47	6.07	6.26	12.71	46.51	17.98	3.83	130.42
1962	Below Normal	4.61	4.46	4.61	4.61	4.16	4.10	3.86	15.93	12.88	46.44	38.10	23.63	167.39
1963	Wet	6.14	5.95	6.14	9.41	75.86	42.52	64.88	16.21	10.37	49.90	36.44	48.42	372.24
1964	Dry	20.48	10.52	9.06	8.71	8.14	8.71	6.08	5.12	8.13	43.11	19.39	32.94	180.39
1965	Wet	14.09	8.42	13.93	89.10	22.52	26.94	38.64	17.91	10.85	48.51	30.43	49.56	370.90
1966	Below Normal	20.48	12.39	8.71	8.71	7.86	8.71	4.96	9.26	18.67	51.21	41.08	32.31	224.35
1967	Wet	12.91	8.42	8.71	8.71	7.86	58.36	10.69	47.28	42.11	7.33	6.48	47.50	266.36
1968	Below Normal	20.48	12.39	23.04	12.40	56.46	33.99	9.85	5.94	19.69	51.21	37.52	26.72	309.69
1969	Wet	15.12	8.42	8.71	51.41	57.70	33.06	37.39	65.62	18.51	9.50	11.67	39.79	356.90
1970	Wet	20.44	12.39	69.18	89.10	49.31	21.11	7.35	5.12	12.42	48.29	39.14	34.53	408.38
1971	Wet	20.48	13.93	11.83	11.83	10.68	33.37	19.01	43.97	27.94	48.01	32.87	49.56	323.48
1972	Below Normal	17.60	12.39	8.71	8.71	8.14	10.45	4.96	5.12	14.61	45.65	37.17	27.77	201.28
1973	Above Normal	8.71	8.42	8.71	8.71	43.64	31.31	4.96	13.30	19.52	43.75	26.47	26.28	243.78
1974	Wet	20.48	8.42	42.00	89.10	26.80	89.10	41.84	29.59	21.67	34.94	5.12	43.69	452.75
1975	Wet	20.48	12.39	8.71	8.71	34.68	66.13	4.96	42.85	30.45	41.91	5.12	47.16	323.55
1976	Critical	14.39	12.39	24.49	8.71	8.14	8.71	4.96	5.74	5.58	35.43	17.68	29.94	176.16
1977	Critical	20.41	5.95	6.14	6.14	5.55	5.12	4.71	5.03	12.38	7.59	7.56	7.36	93.94
1978	Above Normal	4.85	4.46	4.61	4.61	4.16	27.50	25.24	5.12	7.81	38.96	32.93	36.11	196.36
1979	Below Normal	20.48	12.39	31.52	6.14	5.55	5.12	4.96	5.12	19.84	43.32	33.08	11.13	198.65
1980	Above Normal	20.48	8.42	8.71	39.24	83.35	27.22	4.96	5.12	4.96	21.06	5.12	18.81	247.45
1981	Dry	20.48	12.39	17.55	8.71	12.23	35.67	4.96	5.12	21.07	43.81	25.60	31.95	239.54
1982	Wet	11.65	5.95	68.81	42.72	80.48	68.63	86.23	40.93	18.60	17.57	5.12	19.67	466.36
1983	Wet	24.09	43.07	56.25	64.97	80.48	89.10	43.38	60.73	57.86	14.65	7.52	25.09	567.19
1984	Wet	25.83	72.10	89.10	28.69	41.20	46.28	4.96	5.12	17.93	51.21	29.18	44.70	456.30
1985	Dry	20.48	8.42	8.71	8.71	7.86	8.71	4.96	14.51	17.28	44.76	18.36	23.42	186.18
1986	Wet	20.48	12.39	8.71	8.71	80.48	89.10	4.96	5.12	7.99	44.56	23.15	43.59	349.24
1987	Dry	20.48	12.39	30.16	8.71	7.86	8.71	4.96	10.93	16.09	25.01	5.12	4.96	155.38
1988	Critical	6.14	5.95	6.14	6.14	6.50	7.36	3.72	8.10	13.07	38.54	6.77	6.35	114.78
1989	Dry	4.61	4.46	4.61	4.61	5.52	4.10	3.72	11.51	18.68	42.54	30.32	28.94	163.62
1990	Critical	10.25	12.39	18.17	4.61	4.16	4.10	6.13	4.06	4.59	41.97	3.84	5.32	119.59
1991	Critical	4.93	4.46	6.55	6.76	4.16	4.10	3.72	3.84	16.95	43.81	6.02	6.65	111.95
1992	Critical	4.61	4.88	4.61	4.61	4.31	4.10	3.72	8.74	15.85	8.38	6.63	9.37	79.81
1993	Above Normal	4.70	4.46	4.10	4.61	4.16	44.90	17.72	39.76	22.12	46.40	39.32	40.30	272.55
1994	Critical	20.48	12.39	20.23	6.14	5.55	5.12	4.96	5.12	6.53	42.19	9.19	9.40	147.30
1995	Wet	10.08	5.95	6.14	6.14	35.63	89.10	63.82	89.10	54.30	12.16	11.52	16.04	399.98
1996	Wet	23.38	22.62	20.82	61.24	83.35	51.95	33.25	53.29	11.75	43.56	17.28	45.91	468.40
1997	Wet	20.48	12.39	77.02	89.10	47.60	27.16	4.96	5.12	10.66	46.48	23.18	46.56	410.71
1998	Wet	20.48	12.39	11.34	8.71	78.87	73.10	14.59	47.08	55.33	12.92	5.94	22.37	363.12
1999	Wet	26.85	41.79	30.87	71.14	76.69	58.12	4.96	5.12	8.50	44.69	14.71	26.36	409.80
2000	Above Normal	20.48	12.39	32.74	8.71	43.23	48.12	4.96	7.76	18.01	51.21	38.14	38.00	323.75
2001	Dry	20.48	12.39	31.31	8.71	7.86	8.71	4.96	10.55	16.88	29.61	5.12	4.96	161.54
2002	Dry	12.44	5.95	6.14	6.14	6.11	5.12	4.96	5.12	7.44	42.09	6.99	26.69	135.19
2003	Above Normal	9.09	9.94	8.71	8.71	7.86	8.71	4.96	24.30	10.27	51.08	37.90	41.37	222.90
	Average	14.96	11.00	18.39	19.63	25.25	27.45	15.05	18.85	17.84	37.97	23.48	27.02	256.90
	Wet	17.60	15.46	26.28	42.85	51.80	54.08	31.89	37.81	25.01	33.50	19.02	41.17	396.46
	Above Normal	13.93	9.34	19.63	15.16	25.19	35.68	11.16	17.56	16.26	45.55	34.00	36.63	280.08
	Below Normal	15.17	9.64	14.27	7.76	14.42	11.19	5.55	6.75	13.89	45.78	37.60	18.03	200.05
	Dry	14.08	8.80	13.84	7.27	7.77	9.24	6.17	8.29	15.48	41.94	22.32	19.77	174.97
	Critical	11.36	7.88	11.68	6.20	6.66	7.80	6.86	9.01	11.99	25.04	7.92	8.14	120.56

Difference in Energy generated (GWh) at Thermalito Dam: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	(0.06)	(0.04)	(0.03)	(0.06)	(0.08)	0.06	0.07	(0.09)	(0.02)
1923	Below Normal	0.00	0.00	(0.02)	0.00	0.80	0.00	0.00	0.00	0.00	(0.12)	(0.08)	3.89	0.37
1924	Critical	6.28	0.00	11.19	0.00	0.00	0.08	0.02	0.01	0.03	(23.04)	(0.26)	0.00	(0.47)
1925	Dry	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	1.68	0.01	(0.69)	0.11	0.09
1926	Dry	(2.47)	(2.37)	0.00	0.00	0.00	(0.79)	0.00	(0.13)	0.10	(1.62)	5.40	0.35	(0.13)
1927	Wet	0.00	0.00	(0.01)	0.00	(0.05)	0.01	0.01	0.00	0.01	0.00	(0.03)	0.01	0.00
1928	Above Normal	0.00	0.00	(0.01)	0.00	0.00	0.11	0.00	0.00	0.09	0.00	0.10	0.12	0.03
1929	Critical	0.00	0.00	0.00	0.00	0.00	(0.39)	0.00	0.00	0.01	0.01	(0.18)	0.00	(0.05)
1930	Dry	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.02	0.44	(0.02)	0.04
1931	Critical	(0.62)	(0.64)	0.00	0.00	0.00	0.00	0.00	0.01	0.00	1.27	0.02	0.00	0.00
1932	Dry	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	11.96	0.00	1.00
1933	Critical	(5.39)	(4.09)	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	(2.48)	0.00	0.00	(1.00)
1934	Critical	0.00	0.00	0.00	0.00	0.00	(0.11)	(0.02)	(0.02)	(0.03)	(0.03)	(0.02)	0.01	(0.02)
1935	Below Normal	1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	(0.01)	(0.02)	0.10
1936	Below Normal	0.20	0.14	0.00	0.00	(1.41)	0.01	0.00	0.00	0.00	0.05	0.00	0.36	(0.05)
1937	Below Normal	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	3.20	0.00	(1.12)	0.00	0.17
1938	Wet	0.00	0.00	0.00	0.00	(2.44)	0.00	0.00	0.00	0.00	1.18	(0.28)	4.86	0.28
1939	Dry	0.00	0.00	(1.31)	0.00	0.00	0.00	0.00	(0.36)	(0.07)	(0.07)	(0.16)	(1.14)	(0.26)
1940	Above Normal	(1.84)	0.00	(0.24)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.01	0.01	(0.17)
1941	Wet	0.02	0.00	0.00	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	(0.19)	0.00	(0.02)
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00	2.20	0.19
1943	Wet	0.00	0.00	0.00	(2.32)	0.00	0.00	0.00	0.00	0.01	(0.06)	(0.01)	0.00	(0.20)
1944	Dry	0.00	0.01	0.06	0.01	0.01	0.01	0.00	0.00	(0.01)	(0.01)	0.55	0.00	0.05
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	0.00	5.44	0.45
1946	Below Normal	0.00	(3.02)	0.00	0.00	0.68	(3.54)	0.00	(0.01)	0.88	(0.01)	(0.02)	(0.32)	(0.45)
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	(0.15)	(0.41)	(0.05)
1948	Below Normal	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	1.15	0.00	0.09
1949	Dry	0.02	0.05	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.19	0.00	0.02
1950	Below Normal	(0.25)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.20)	0.00	0.00	(0.04)
1951	Above Normal	0.00	0.00	0.21	0.00	0.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.05
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.00	1.94	0.17
1953	Wet	0.00	0.00	(1.55)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.02)	(0.13)
1954	Above Normal	0.00	0.00	(0.01)	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1955	Dry	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.97)	(0.07)
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.77	0.00	0.00	0.00	0.00	0.00	0.15	0.08
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.14)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1958	Wet	0.00	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.42	0.01	0.03
1959	Below Normal	0.00	0.00	0.01	0.00	(0.02)	0.05	0.00	0.01	0.02	0.02	0.01	(0.13)	0.00
1960	Dry	(0.15)	(0.23)	(0.11)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	(0.02)
1961	Dry	0.43	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.04
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.01	0.00
1963	Wet	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.33	0.17	0.20	0.06
1964	Dry	0.00	(0.09)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	(0.01)
1965	Wet	0.06	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	(0.02)	0.01	0.00	0.01
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	(0.01)	(0.12)	(0.01)
1967	Wet	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.03
1968	Below Normal	0.00	0.00	0.71	(0.89)	0.00	0.01	0.00	0.00	(0.18)	0.00	0.02	0.01	(0.03)
1969	Wet	(1.60)	0.00	0.00	1.81	0.00	0.00	0.00	0.00	0.00	0.57	(0.37)	(0.48)	(0.01)
1970	Wet	0.92	0.00	(0.64)	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	0.00	(0.10)	0.02
1971	Wet	0.00	0.00	0.00	0.00	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.01	0.03
1973	Above Normal	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00	2.71	0.23
1975	Wet	0.00	0.00	0.00	0.00	(2.60)	(0.01)	0.00	(0.01)	(0.01)	0.00	0.00	(0.01)	(0.22)
1976	Critical	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.16)	(0.02)	0.00	0.00
1977	Critical	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.11	0.01	0.00	0.02	0.05	0.05	0.06	0.03
1979	Below Normal	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.03)	(0.01)	4.59	0.38
1980	Above Normal	6.28	0.00	0.00	(11.03)	0.00	0.00	0.00	0.00	0.00	(6.49)	0.00	13.85	0.22
1981	Dry	0.00	0.00	(0.53)	(1.41)	(4.95)	(0.01)	0.00	0.00	0.01	0.02	0.02	(0.27)	(0.59)
1982	Wet	0.80	0.00	(0.65)	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	(0.22)	(0.29)	0.00	(0.04)
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.41	(5.56)	0.07
1987	Dry	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.87)	0.00	0.00	(0.07)
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.98	0.00	(0.01)	0.00	0.04	(0.01)	0.00	0.08
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.53)	(0.05)	(0.05)
1990	Critical	0.16	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
1991	Critical	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.13	(0.13)	(0.01)	0.00
1992	Critical	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.01
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1994	Critical	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
1996	Wet	(0.01)	(0.02)	(0.01)	0.03	0.00	0.01	0.03	0.00	0.01	0.01	0.01	(0.13)	(0.01)
1997	Wet	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	(0.67)	1.20	0.01	0.08	0.06
1998	Wet	0.00	0.00	0.00	0.00	(0.62)	0.00	0.00	0.04	0.06	0.06	0.07	0.11	(0.02)
1999	Wet	0.11	0.08	0.03	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	(0.71)	(0.04)
2000	Above Normal	0.00	0.00	0.00	0.00	0.70	0.01	0.00	0.00	0.01	0.00	0.01	0.02	0.06
2001	Dry	0.00	0.00	(1.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.99	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.39)	0.42	0.00
2003	Above Normal	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.06	(0.12)	0.08	(0.17)	(0.12)	(0.02)	0.00	(0.01)	0.06	(0.36)	0.27	0.38	0.00
	Wet	0.02	(0.00)	(0.11)	(0.02)	(0.22)	0.03	0.00	0.00	(0.02)	0.12	0.23	0.21	0.02
	Above Normal	0.37	(0.00)	(0.00)	(0.92)	0.05	0.06	(0.00)	(0.01)	0.00	(0.53)	0.02	1.16	0.02
	Below Normal	0.09	(0.21)	0.05	(0.06)	0.00	(0.23)	(0.00)	0.00	0.28	(0.03)	(0.01)	0.98	0.07
	Dry	(0.11)	(0.15)	(0.16)	(0.08)	(0.27)	(0.04)	(0.00)	(0.03)	0.10	(0.08)	0.94	(0.11)	(0.00)
	Critical	0.04	(0.39)	0.95	0.00	0.00	0.05	0.00	(0.00)	(0.00)	(2.02)	(0.05)	0.00	(0.12)

Percent Difference in Energy generated (GWh) at Thermalito Dam: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%	0%	31%
1924	Critical	52%	0%	106%	0%	0%	1%	0%	0%	0%	-55%	-3%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	10%	0%	-3%	0%
1926	Dry	-22%	-30%	0%	0%	0%	-10%	0%	-1%	0%	-4%	22%	3%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	-4%	0%	0%	0%	0%	-4%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1931	Critical	-8%	-11%	0%	0%	0%	0%	0%	0%	0%	4%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	46%	0%
1933	Critical	-54%	-41%	0%	0%	0%	0%	0%	0%	-1%	-16%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1935	Below Normal	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	2%	1%	0%	0%	-5%	0%	0%	0%	0%	0%	0%	5%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	10%	0%	-4%	0%
1938	Wet	0%	0%	0%	0%	-4%	0%	0%	0%	0%	7%	-1%	12%
1939	Dry	0%	0%	-9%	0%	0%	0%	0%	-2%	0%	0%	0%	-4%
1940	Above Normal	-23%	0%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%
1943	Wet	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	59%
1946	Below Normal	0%	-26%	0%	0%	9%	-19%	0%	0%	7%	0%	0%	-2%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%
1949	Dry	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1950	Below Normal	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%
1953	Wet	0%	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-6%
1956	Wet	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1960	Dry	-1%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1961	Dry	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1964	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	3%	-7%	0%	0%	0%	0%	-1%	0%	0%	0%
1969	Wet	-10%	0%	0%	4%	0%	0%	0%	0%	0%	6%	-3%	-1%
1970	Wet	5%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%
1975	Wet	0%	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	70%
1980	Above Normal	44%	0%	0%	-22%	0%	0%	0%	0%	0%	-24%	0%	279%
1981	Dry	0%	0%	-3%	-14%	-29%	0%	0%	0%	0%	0%	0%	-1%
1982	Wet	7%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-4%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	38%	-11%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	15%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1990	Critical	2%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1992	Critical	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-6%	3%	0%	0%
1998	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	1%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%
2000	Above Normal	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-3%	0%	0%	0%	0%	0%	0%	3%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-5%	2%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	-1%	1%	-1%	0%	0%	0%	0%	0%	-1%	1%	5%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%
	Above Normal	2%	0%	0%	-2%	0%	0%	0%	0%	0%	-2%	0%	23%
	Below Normal	1%	-2%	0%	0%	1%	-1%	0%	0%	1%	0%	0%	12%
	Dry	-1%	-2%	-1%	-1%	-2%	-1%	0%	0%	1%	0%	3%	0%
	Critical	-1%	-4%	9%	0%	0%	1%	0%	0%	0%	-6%	-1%	0%

Energy generated (GWh) at Warne: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	55.10	46.04	30.42	9.06	19.94	36.25	42.52	38.46	37.24	39.59	39.92	36.86	431.40
1923	Below Normal	30.96	28.35	23.33	45.07	49.68	52.50	38.14	38.00	36.23	42.53	39.73	33.27	457.79
1924	Critical	24.67	22.65	14.93	13.15	11.95	14.52	19.36	18.46	17.30	20.63	15.64	11.45	204.71
1925	Dry	1.25	0.49	0.14	3.20	6.74	35.34	32.02	40.81	39.20	46.76	42.90	35.02	283.87
1926	Dry	25.56	23.51	14.74	9.27	9.28	18.19	24.16	35.61	33.93	40.40	37.04	30.23	301.92
1927	Wet	21.25	19.40	11.59	6.51	11.27	41.63	46.08	42.47	41.41	44.00	44.38	41.04	371.03
1928	Above Normal	35.31	32.30	26.92	29.86	30.77	23.04	46.44	42.35	41.16	43.90	44.16	40.70	436.91
1929	Critical	34.83	31.83	26.30	26.44	23.61	17.57	16.84	17.09	15.72	18.88	14.36	10.50	253.97
1930	Dry	0.86	0.47	0.18	2.42	7.63	13.37	29.02	28.44	27.18	32.27	27.41	21.46	190.71
1931	Critical	11.33	9.52	4.14	7.90	7.78	12.58	21.52	20.82	19.75	23.84	17.91	13.05	170.14
1932	Dry	2.26	0.81	0.17	5.50	7.52	16.21	31.39	31.03	29.30	34.87	31.43	25.43	215.92
1933	Critical	16.32	14.61	7.92	8.50	8.33	14.45	23.72	24.86	23.97	28.71	22.49	16.81	210.69
1934	Critical	5.77	3.86	0.15	7.34	6.83	13.15	22.67	22.01	21.12	25.36	1.80	1.44	131.50
1935	Below Normal	15.06	16.84	10.24	7.40	8.08	15.14	40.54	40.98	39.45	50.74	46.59	38.01	329.07
1936	Below Normal	28.28	26.03	16.67	9.81	8.84	55.10	38.37	44.12	43.07	45.80	46.19	42.71	404.99
1937	Below Normal	36.97	33.86	28.32	29.34	41.36	55.10	36.39	40.98	39.84	42.44	42.79	39.39	466.78
1938	Wet	33.42	30.76	25.49	36.21	42.82	53.64	32.01	36.92	35.76	38.04	38.33	35.14	438.54
1939	Dry	28.91	26.80	24.30	38.72	49.77	55.10	46.04	39.86	29.11	50.15	46.58	42.67	478.01
1940	Above Normal	33.30	30.61	32.90	8.58	8.14	20.97	40.31	41.36	39.81	49.13	45.11	36.80	387.02
1941	Wet	27.20	25.03	15.96	12.48	19.27	55.10	28.86	34.11	32.66	34.91	35.17	32.21	352.96
1942	Wet	26.01	24.05	19.35	48.95	32.40	55.10	50.73	37.94	36.74	39.13	39.45	36.34	446.19
1943	Wet	30.42	27.91	22.87	31.35	39.14	55.10	47.04	42.40	41.18	43.91	44.33	40.90	466.55
1944	Dry	34.95	32.19	26.80	27.20	24.34	19.69	31.06	30.76	28.96	34.64	30.66	24.56	345.81
1945	Below Normal	15.07	13.25	7.01	10.82	9.29	48.42	38.24	42.37	41.33	43.96	44.29	40.97	355.02
1946	Below Normal	35.22	32.21	45.74	27.87	36.18	45.19	43.29	39.94	38.70	41.19	41.57	38.42	465.52
1947	Dry	32.58	29.83	24.64	30.28	27.40	25.16	44.65	42.73	41.28	46.67	44.71	38.79	428.72
1948	Below Normal	30.99	28.41	20.92	18.19	16.25	14.85	22.67	36.54	1.56	51.49	47.23	38.57	327.67
1949	Dry	28.82	26.49	16.99	11.66	9.70	16.69	44.78	42.41	41.15	46.14	44.41	38.85	368.09
1950	Below Normal	31.32	28.70	21.50	11.41	10.08	14.38	37.23	37.08	1.52	50.29	46.09	37.62	327.22
1951	Above Normal	27.95	25.70	27.34	43.54	49.77	55.10	35.09	41.12	40.00	42.43	42.84	39.62	470.50
1952	Wet	33.80	30.96	25.67	40.36	42.51	38.92	34.72	31.94	30.30	32.54	32.80	29.90	404.42
1953	Wet	23.55	21.86	36.22	34.84	31.58	55.10	53.33	37.68	35.69	39.83	38.71	34.31	442.70
1954	Above Normal	27.28	24.95	18.78	23.86	23.08	33.19	40.55	40.69	38.89	46.91	43.66	35.68	397.52
1955	Dry	26.15	24.07	15.13	8.64	8.79	19.19	34.83	34.72	32.84	39.21	36.10	29.47	309.14
1956	Wet	20.56	18.75	11.15	36.11	51.55	55.10	40.23	44.40	43.42	46.09	46.51	43.02	456.89
1957	Above Normal	37.18	34.19	28.61	32.38	31.67	30.06	34.53	34.22	1.69	48.39	44.38	36.25	393.55
1958	Wet	26.69	24.51	15.50	3.72	23.58	48.96	38.78	43.27	42.17	44.87	45.36	41.72	399.13
1959	Below Normal	35.74	33.00	27.54	38.49	36.72	53.90	39.02	38.85	34.56	49.09	44.96	36.68	468.55
1960	Dry	27.14	24.92	15.81	8.95	8.08	14.48	43.24	43.18	41.84	52.38	48.33	44.04	372.39
1961	Dry	34.26	31.53	21.34	10.87	10.34	14.05	36.99	36.78	35.22	41.92	38.47	33.50	345.27
1962	Below Normal	9.23	42.42	17.67	7.63	6.80	19.41	37.46	37.59	1.58	51.10	46.90	38.30	316.09
1963	Wet	28.53	26.28	16.87	19.05	24.09	39.12	42.63	39.59	38.32	40.72	41.16	38.07	394.43
1964	Dry	32.25	29.49	43.18	20.97	26.31	28.61	45.73	41.33	40.23	42.76	43.16	39.89	433.91
1965	Wet	34.17	31.21	25.96	37.40	41.66	39.49	42.02	38.26	36.84	39.99	39.98	36.47	443.45
1966	Below Normal	30.37	27.71	22.24	37.90	41.96	38.60	38.92	38.69	37.00	44.35	41.11	33.93	432.78
1967	Wet	24.91	22.89	14.63	7.11	25.22	39.96	44.96	41.18	39.99	42.66	43.04	39.66	386.21
1968	Below Normal	33.74	31.00	29.99	43.67	34.84	55.10	44.83	37.65	36.23	41.27	39.21	33.73	461.26
1969	Wet	25.89	23.71	16.72	38.34	48.28	55.10	32.45	37.35	36.04	38.46	38.79	35.54	426.67
1970	Wet	35.02	21.42	22.19	34.56	39.53	55.10	39.76	41.12	40.01	42.51	42.82	39.57	453.61
1971	Wet	33.78	30.91	25.66	45.21	34.90	41.88	37.53	38.13	36.46	43.72	40.12	32.74	441.04
1972	Below Normal	23.44	21.56	13.18	4.35	19.14	35.64	40.43	39.81	38.27	44.76	41.71	34.82	357.11
1973	Above Normal	26.06	23.95	15.83	8.51	28.91	51.51	36.84	42.55	41.53	43.95	44.35	41.00	404.99
1974	Wet	35.25	32.26	26.90	44.80	49.77	55.10	45.54	40.70	39.67	42.06	42.43	39.14	493.62
1975	Wet	33.21	30.50	25.23	34.47	33.05	53.26	46.04	41.82	40.78	43.20	43.59	40.35	465.50
1976	Critical	34.55	31.59	26.28	29.77	27.90	24.70	38.56	38.73	28.78	49.32	45.15	40.81	416.14
1977	Critical	30.97	28.39	18.49	9.00	8.15	11.77	16.91	4.17	1.79	1.92	1.81	1.45	134.82
1978	Above Normal	0.56	1.01	0.28	7.11	7.45	33.70	41.79	38.29	37.08	39.36	39.70	36.62	282.95
1979	Below Normal	30.85	28.11	23.09	29.34	41.16	55.10	35.33	39.90	38.78	41.10	41.45	38.28	442.49
1980	Above Normal	32.40	29.66	24.57	31.98	47.76	55.10	31.69	36.58	35.27	37.73	38.03	34.82	435.59
1981	Dry	28.62	26.50	21.57	35.44	34.73	36.32	37.77	38.38	5.27	51.53	47.19	39.79	403.11
1982	Wet	29.96	27.51	17.82	17.58	22.73	55.10	39.59	38.46	40.21	42.79	43.13	39.64	414.52
1983	Wet	39.30	36.75	55.10	29.84	49.77	55.10	27.09	26.92	34.92	32.06	21.86	27.73	436.44
1984	Wet	27.01	25.52	55.10	34.66	51.55	55.10	35.54	41.75	40.52	43.19	43.56	40.30	493.80
1985	Dry	34.46	31.59	45.16	25.24	32.42	46.47	42.98	39.64	38.60	40.91	41.24	38.11	456.82
1986	Wet	32.34	29.56	24.36	27.35	24.68	55.10	37.44	41.28	40.23	42.70	43.18	39.67	437.89
1987	Dry	33.66	31.08	25.73	33.63	31.46	21.80	23.24	22.69	21.97	26.09	19.74	14.42	305.51
1988	Critical	3.07	1.22	0.16	5.16	7.57	11.52	17.36	16.18	14.77	17.81	13.50	9.92	118.24
1989	Dry	0.61	0.46	0.16	1.58	7.05	11.68	42.00	42.72	41.07	51.96	47.66	40.22	287.17
1990	Critical	30.33	27.92	18.05	9.18	8.65	13.28	20.93	20.08	19.12	22.91	17.27	12.63	220.35
1991	Critical	1.99	0.51	0.11	4.15	6.60	11.22	17.52	16.47	15.33	20.74	15.56	11.39	121.59
1992	Critical	1.28	0.46	0.17	3.17	6.58	11.43	17.43	16.29	14.80	1.82	1.80	18.86	94.09
1993	Above Normal	10.02	0.58	11.93	7.19	20.23	34.97	41.58	39.29	37.84	44.75	43.27	37.96	329.61
1994	Critical	30.60	27.99	21.03	22.39	19.38	22.93	35.48	35.22	33.44	41.47	17.09	38.67	345.69
1995	Wet	11.99	44.12	36.60	7.55	16.91	29.34	47.55	43.24	42.18	44.87	45.37	41.84	411.56
1996	Wet	35.95	33.07	27.63	38.85	42.10	48.48	46.37	41.93	40.83	43.39	43.79	40.46	482.85
1997	Wet	34.66	31.76	26.45	39.86	46.63	55.10	38.32	38.36	37.02	39.38	39.78	36.64	463.96
1998	Wet	30.61	28.18	23.10	34.20	48.13	52.40	40.77	37.47	36.21	38.77	39.16	35.86	444.86
1999	Wet	33.94	34.59	29.83	34.11	48.08	55.10	44.34	41.18	39.98	42.68	43.13	39.85	486.81
2000	Above Normal	34.03	31.18	25.84	31.34	31.62	33.70	41.84	41.43	39.80	46.82	43.72	36.52	437.84
2001	Dry	27.64	25.44	17.06	12.56	11.31	14.56	23.31	22.91	22.18	26.78	20.19	14.71	238.65
2002	Dry	3.17	1.37	0.12	0.09	7.37	19.80	47.01	42.52	41.37	44.14	44.60	41.25	292.81
2003	Above Normal	35.50	32.47	38.13	4.31	9.55	20.33	35.61	35.44	1.35	48.05	44.15	36.02	340.91
	Average	26.10	24.45	20.66	21.55	25.29	35.25	36.44	35.99	32.15	39.76	37.31	33.31	368.25
	Wet	29.59	28.21	25.15	29.83	36.20	49.94	40.76	39.23	38.44	41.02	40.77	37.62	436.76
	Above Normal	29.56	26.05	23.46	19.81	25.74	35.66	39.07	39.32	32.64	44.25	42.77	37.40	395.73
	Below Normal	27.66	27.96	21.96	22.95	25.74	39.89	37.92	39.46	30.58	45.72	43.56	37.48	400.88
	Dry	22.40	20.39	17.40	15.90	17.79	23.71	36.68	36.47	32.82	41.64	38.43	32.91	336.55
	Critical	18.81	16.71	11.48	12.18	11.94	14.93	22.36	20.87	18.82	22.78	15.37	15.58	201.83

Energy generated (GWh) at Warne: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	55.10	46.04	30.42	14.86	19.83	35.98	42.38	38.53	38.96	41.35	41.68	38.49	443.62
1923	Below Normal	32.42	30.01	24.96	27.71	35.28	55.10	51.87	34.37	3.03	54.12	51.57	44.58	445.02
1924	Critical	36.32	33.54	25.14	20.47	16.47	16.33	21.48	20.83	19.91	1.85	1.78	1.44	215.56
1925	Dry	24.00	27.51	28.76	9.66	8.11	14.88	35.32	35.09	33.97	40.40	37.11	30.42	325.23
1926	Dry	21.47	19.67	11.96	11.83	9.49	19.09	26.64	38.37	37.05	44.56	40.87	33.41	314.41
1927	Wet	24.15	26.39	17.00	8.46	9.62	41.36	45.25	41.55	42.07	44.60	44.97	41.71	387.13
1928	Above Normal	35.96	33.01	27.72	31.58	29.56	21.58	45.09	42.84	41.74	51.54	49.85	43.92	454.39
1929	Critical	36.47	33.52	25.92	21.82	18.24	16.12	18.36	17.58	16.26	19.53	1.81	1.43	227.06
1930	Dry	11.50	12.82	18.20	7.99	7.44	13.06	27.59	27.02	25.94	31.59	26.00	20.00	229.15
1931	Critical	9.35	7.46	2.59	8.43	7.64	12.57	21.63	20.94	19.89	24.00	18.04	1.42	153.96
1932	Dry	9.65	11.70	10.49	8.18	7.47	16.27	31.41	31.05	30.93	36.51	33.08	27.09	253.83
1933	Critical	17.99	16.28	9.57	10.32	8.36	15.04	25.14	26.45	25.77	30.73	25.09	19.28	230.02
1934	Critical	8.67	8.22	7.18	8.29	7.06	12.82	21.84	21.08	20.09	24.14	1.80	1.44	142.63
1935	Below Normal	14.03	12.33	6.68	7.40	8.17	15.39	41.41	41.94	41.99	52.71	48.54	39.89	330.48
1936	Below Normal	30.11	27.86	18.43	11.22	8.80	55.10	38.42	44.16	44.73	47.46	47.85	44.36	418.50
1937	Below Normal	38.62	35.52	29.97	29.32	41.09	55.10	35.67	40.31	40.76	43.32	43.66	40.30	473.64
1938	Wet	34.31	31.72	24.89	46.32	45.23	55.10	34.40	36.48	35.30	39.17	39.46	36.29	458.67
1939	Dry	30.05	27.98	25.52	41.05	49.77	55.10	42.26	40.65	40.53	51.47	48.04	44.25	496.67
1940	Above Normal	35.01	32.29	38.51	9.17	7.39	20.64	40.28	41.34	41.38	50.72	46.70	38.39	401.82
1941	Wet	28.79	26.62	17.18	12.50	19.27	55.10	28.86	34.11	34.28	36.53	36.78	33.83	363.85
1942	Wet	27.62	25.66	20.10	41.67	32.16	55.10	50.87	37.89	38.31	40.70	41.02	37.92	449.02
1943	Wet	32.01	29.48	24.45	30.43	36.66	55.10	48.23	42.51	42.90	45.63	46.05	42.63	476.08
1944	Dry	36.69	33.91	28.51	27.09	22.79	19.23	30.87	30.58	29.99	35.63	31.57	25.49	352.35
1945	Below Normal	15.94	14.12	7.96	11.93	9.25	47.89	38.31	42.43	43.01	45.64	45.97	42.65	365.10
1946	Below Normal	36.90	33.88	47.41	29.48	36.18	45.34	43.45	40.10	40.49	42.99	43.37	40.20	479.79
1947	Dry	34.37	31.60	26.40	32.11	27.42	24.99	44.58	42.75	42.30	47.80	45.75	39.72	439.79
1948	Below Normal	31.85	29.28	21.72	18.84	15.92	14.73	22.69	36.65	1.56	51.47	47.22	38.56	330.49
1949	Dry	28.81	26.48	16.98	11.63	9.72	16.64	44.77	42.42	41.19	46.20	44.45	38.87	368.16
1950	Below Normal	31.31	28.70	21.48	11.20	9.87	14.32	37.22	37.08	2.48	51.24	47.04	38.57	330.51
1951	Above Normal	28.90	26.65	26.38	55.10	40.65	55.10	35.09	41.12	41.61	44.05	44.46	41.24	480.35
1952	Wet	35.42	32.57	27.29	42.81	42.51	38.92	34.72	31.45	29.77	33.57	33.82	31.07	413.92
1953	Wet	24.85	23.02	37.46	32.61	38.76	55.10	44.19	37.19	37.26	41.06	40.21	36.12	447.83
1954	Above Normal	29.33	26.95	21.03	26.58	24.50	34.86	40.77	40.95	39.85	47.59	44.43	36.44	413.28
1955	Dry	26.89	24.82	15.86	9.51	8.78	19.14	34.59	34.47	32.82	39.14	36.06	29.49	311.57
1956	Wet	20.59	18.80	11.24	36.04	51.55	55.10	40.26	44.43	45.07	47.73	48.16	44.66	463.63
1957	Above Normal	38.83	35.83	30.25	36.18	31.64	30.04	34.55	34.23	3.22	49.92	45.90	37.78	408.37
1958	Wet	28.22	26.04	17.02	5.25	23.58	48.96	38.78	43.27	43.79	46.49	46.98	43.34	411.72
1959	Below Normal	37.35	34.61	29.16	40.26	30.77	51.85	38.21	37.98	20.01	50.70	46.50	38.15	455.55
1960	Dry	28.60	26.33	17.16	10.04	8.03	14.56	43.34	43.18	41.85	52.26	48.31	43.65	377.31
1961	Dry	34.00	31.29	21.27	11.26	10.69	14.19	37.06	36.86	35.30	42.02	38.56	33.46	345.96
1962	Below Normal	8.22	42.63	17.02	7.63	6.80	19.41	37.46	37.59	3.15	52.67	48.46	39.87	320.91
1963	Wet	30.09	27.85	18.44	20.61	24.09	39.12	42.63	39.59	39.93	42.33	42.78	39.68	407.14
1964	Dry	33.87	31.10	44.79	22.57	26.24	28.80	45.71	41.31	40.24	42.77	43.16	39.89	440.45
1965	Wet	34.17	31.22	25.97	37.54	41.69	39.04	42.03	38.32	38.50	41.85	41.80	38.24	450.37
1966	Below Normal	32.11	29.43	23.91	39.31	41.75	38.48	38.92	38.70	38.28	45.62	42.38	35.19	444.08
1967	Wet	26.17	24.15	15.89	8.30	25.20	39.95	44.97	41.17	39.99	44.26	44.65	41.27	395.97
1968	Below Normal	35.35	31.66	27.27	41.26	34.92	55.10	44.67	37.78	37.74	43.41	40.85	34.80	464.81
1969	Wet	26.51	24.43	17.00	23.36	42.84	55.10	32.20	37.11	35.80	39.82	40.14	36.91	411.22
1970	Wet	36.38	22.80	23.58	42.93	37.98	55.10	37.46	41.26	41.78	44.28	44.60	41.33	469.48
1971	Wet	35.55	32.66	27.40	38.20	39.02	41.89	37.46	38.05	37.56	44.95	41.35	33.96	448.05
1972	Below Normal	24.66	22.77	14.39	5.61	19.21	35.66	40.42	39.80	38.28	44.75	41.71	34.84	362.10
1973	Above Normal	26.08	23.97	15.86	8.57	28.94	51.53	36.84	42.56	43.15	45.57	45.97	42.62	411.66
1974	Wet	36.87	33.88	28.52	38.09	36.37	55.10	48.59	40.59	41.16	43.54	43.91	40.65	487.27
1975	Wet	34.75	32.02	26.76	36.42	34.54	51.29	46.46	42.22	42.81	45.24	45.65	42.37	480.53
1976	Critical	36.57	33.59	28.24	31.68	28.00	24.65	38.37	38.53	28.42	49.06	44.91	40.55	422.57
1977	Critical	30.73	28.17	18.32	8.99	8.14	11.76	16.91	4.17	1.79	1.92	1.81	1.45	134.16
1978	Above Normal	0.56	1.01	0.28	7.11	7.45	32.58	41.51	38.89	39.20	42.69	42.06	37.89	291.23
1979	Below Normal	31.31	28.71	22.77	26.56	22.85	44.85	44.51	40.38	40.89	43.23	43.59	40.40	430.05
1980	Above Normal	34.56	31.75	26.62	29.09	42.56	55.10	30.67	35.65	35.90	38.28	38.58	35.51	434.27
1981	Dry	29.38	27.21	22.39	35.97	32.29	42.37	38.50	39.23	22.40	52.53	48.25	41.46	431.98
1982	Wet	31.59	29.16	19.43	19.07	22.78	55.10	39.60	38.46	41.83	44.41	44.75	41.26	427.44
1983	Wet	35.20	42.49	55.10	29.84	49.77	55.10	27.09	26.92	34.92	32.06	23.48	29.34	441.31
1984	Wet	27.01	25.52	55.10	34.66	51.55	55.10	35.54	41.75	42.14	44.81	45.17	41.92	500.27
1985	Dry	36.08	33.20	46.77	26.85	32.42	46.47	42.98	39.64	39.78	42.10	42.42	39.30	468.01
1986	Wet	33.52	30.74	25.55	28.53	24.68	49.21	43.33	41.29	41.86	44.32	44.80	41.29	449.12
1987	Dry	35.28	32.70	27.35	30.03	31.47	21.81	22.61	21.99	21.24	25.21	19.10	13.97	302.76
1988	Critical	2.81	1.01	0.19	5.00	7.56	11.52	17.36	16.18	14.77	17.81	13.50	9.92	117.63
1989	Dry	0.61	0.46	0.16	1.57	7.04	11.67	41.96	42.68	41.03	51.96	47.66	40.66	287.46
1990	Critical	30.74	28.30	18.34	9.18	8.65	13.28	20.93	20.08	19.12	22.92	17.27	12.64	221.45
1991	Critical	1.99	0.51	0.11	4.15	6.60	11.22	17.51	16.46	15.40	20.85	15.64	11.44	121.88
1992	Critical	1.31	0.46	0.17	3.56	6.58	11.43	17.43	16.29	14.79	1.82	1.80	18.86	94.50
1993	Above Normal	10.12	0.58	12.30	7.19	20.21	34.83	41.57	39.31	39.47	46.54	45.03	39.66	336.81
1994	Critical	32.28	29.67	22.66	23.87	19.28	22.89	35.49	35.23	33.46	41.48	16.86	38.71	351.88
1995	Wet	12.82	45.26	36.60	7.56	16.91	29.33	47.55	43.24	43.80	46.49	46.99	43.46	420.01
1996	Wet	37.56	34.69	29.25	25.93	31.98	42.41	45.55	41.13	41.62	44.13	44.52	41.26	460.03
1997	Wet	35.47	32.60	27.36	39.36	35.85	55.10	38.65	38.47	38.75	41.12	41.52	38.38	462.63
1998	Wet	32.35	29.91	24.82	35.99	48.11	52.37	40.74	36.96	35.64	38.14	40.15	36.99	452.17
1999	Wet	36.60	34.33	30.65	31.89	40.27	55.10	39.72	41.23	41.65	44.36	44.81	41.52	482.13
2000	Above Normal	35.71	32.85	27.51	33.05	31.77	33.18	41.70	41.46	41.35	48.58	45.31	37.92	450.39
2001	Dry	28.89	26.72	18.20	13.33	10.63	14.40	23.45	23.07	22.64	27.27	20.62	15.11	244.33
2002	Dry	3.52	1.71	0.40	0.38	7.43	19.78	46.88	42.39	41.26	44.02	44.48	41.14	293.39
2003	Above Normal	35.39	32.37	37.89	4.69	9.89	20.45	35.61	35.44	2.44	49.14	45.24	37.11	345.66
	Average	27.60	26.18	22.34	21.85	24.12	34.77	36.68	35.91	32.72	40.69	38.15	34.06	375.07
	Wet	30.71	29.77	26.31	29.01	34.73	49.43	40.58	39.10	39.56	42.37	42.25	39.13	442.96
	Above Normal	30.46	26.94	24.56	21.93	24.53	35.49	38.84	39.36	34.02	46.33	44.60	38.91	405.99
	Below Normal	28.58	28.68	22.37	21.98	22.92	39.17	39.52	39.23	28.31	47.81	45.62	39.45	403.65
	Dry	25.20	23.73	21.18	17.28	17.62	22.91	36.70	36.26	34.47	41.86	38.64	33.19	349.05
	Critical	20.44	18.39	13.20	12.98	11.88	14.97	22.70	21.15	19.14	21.34	13.36	13.22	202.78

Difference in Energy generated (GWh) at Warne: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	5.80	(0.11)	(0.27)	(0.14)	0.07	1.72	1.76	1.76	1.63	1.02
1923	Below Normal	1.46	1.66	1.63	(17.36)	(14.40)	2.60	13.73	(3.63)	(33.20)	11.59	11.84	11.31	(1.06)
1924	Critical	11.65	10.89	10.21	7.32	4.52	1.81	2.12	2.37	2.61	(18.78)	(13.86)	(10.01)	0.90
1925	Dry	22.75	27.02	28.62	6.46	1.37	(20.46)	3.30	(5.72)	(5.23)	(6.36)	(5.79)	(4.60)	3.45
1926	Dry	(4.09)	(3.84)	(2.78)	2.56	0.21	0.90	2.48	2.76	3.12	4.16	3.83	3.18	1.04
1927	Wet	2.90	6.99	5.41	1.95	(1.65)	(0.27)	(0.83)	(0.92)	0.66	0.60	0.59	0.67	1.34
1928	Above Normal	0.65	0.71	0.80	1.72	(1.21)	(1.46)	(1.35)	0.49	0.58	7.64	5.69	3.22	1.46
1929	Critical	1.64	1.69	(0.38)	(4.62)	(5.37)	(1.45)	1.52	0.49	0.54	0.65	(12.55)	(9.07)	(2.24)
1930	Dry	10.64	12.35	18.02	5.57	(0.19)	(0.31)	(1.43)	(1.42)	(1.24)	(0.68)	(1.41)	(1.46)	3.20
1931	Critical	(1.98)	(2.06)	(1.55)	0.53	(0.14)	(0.01)	0.11	0.12	0.14	0.16	0.13	(11.63)	(1.35)
1932	Dry	7.39	10.89	10.32	2.68	(0.05)	0.06	0.02	0.02	1.63	1.64	1.65	1.66	3.16
1933	Critical	1.67	1.67	1.65	1.82	0.03	0.59	1.42	1.59	1.80	2.02	2.60	2.47	1.61
1934	Critical	2.90	4.36	7.03	0.95	0.23	(0.33)	(0.83)	(0.93)	(1.03)	(1.22)	0.00	0.00	0.93
1935	Below Normal	(1.03)	(4.51)	(3.56)	0.00	0.09	0.25	0.87	0.96	2.54	1.97	1.95	1.88	0.12
1936	Below Normal	1.83	1.83	1.76	1.41	(0.04)	0.00	0.05	0.04	1.66	1.66	1.66	1.65	1.13
1937	Below Normal	1.65	1.66	1.65	(0.02)	(0.27)	0.00	(0.72)	(0.67)	0.92	0.88	0.87	0.91	0.57
1938	Wet	0.89	0.96	(0.60)	10.11	2.41	1.46	2.39	(0.44)	(0.46)	1.13	1.13	1.15	1.68
1939	Dry	1.14	1.18	1.22	2.33	0.00	0.00	(3.78)	0.79	11.42	1.32	1.46	1.58	1.56
1940	Above Normal	1.71	1.68	5.61	0.59	(0.75)	(0.33)	(0.03)	(0.02)	1.57	1.59	1.59	1.59	1.23
1941	Wet	1.59	1.59	1.22	0.02	0.00	0.00	0.00	0.00	1.62	1.62	1.61	1.62	0.91
1942	Wet	1.61	1.61	0.75	(7.28)	(0.24)	0.00	0.14	(0.05)	1.57	1.57	1.57	1.58	0.24
1943	Wet	1.59	1.57	1.58	(0.92)	(2.48)	0.00	1.19	0.11	1.72	1.72	1.72	1.73	0.79
1944	Dry	1.74	1.72	1.71	(0.11)	(1.55)	(0.46)	(0.19)	(0.18)	1.03	0.99	0.91	0.93	0.54
1945	Below Normal	0.87	0.87	0.95	1.11	(0.04)	(0.53)	0.07	0.06	1.68	1.68	1.68	1.68	0.84
1946	Below Normal	1.68	1.67	1.67	1.61	0.00	0.15	0.16	0.16	1.79	1.80	1.80	1.78	1.19
1947	Dry	1.79	1.77	1.76	1.83	0.02	(0.17)	(0.07)	0.02	1.02	1.13	1.04	0.93	0.92
1948	Below Normal	0.86	0.87	0.80	0.65	(0.33)	(0.12)	0.02	0.11	0.00	(0.02)	(0.01)	(0.01)	0.24
1949	Dry	(0.01)	(0.01)	(0.01)	(0.03)	0.02	(0.05)	(0.01)	0.01	0.04	0.06	0.04	0.02	0.01
1950	Below Normal	(0.01)	0.00	(0.02)	(0.21)	(0.21)	(0.06)	(0.01)	0.00	0.96	0.95	0.95	0.95	0.27
1951	Above Normal	0.95	0.95	(0.96)	11.56	(9.12)	0.00	0.00	0.00	1.61	1.62	1.62	1.62	0.82
1952	Wet	1.62	1.61	1.62	2.45	0.00	0.00	0.00	(0.49)	(0.53)	1.03	1.02	1.17	0.79
1953	Wet	1.30	1.16	1.24	(2.23)	7.18	0.00	(9.14)	(0.49)	1.57	1.23	1.50	1.81	0.43
1954	Above Normal	2.05	2.00	2.25	2.72	1.42	1.67	0.22	0.26	0.96	0.68	0.77	0.76	1.31
1955	Dry	0.74	0.75	0.73	0.87	(0.01)	(0.05)	(0.24)	(0.25)	(0.02)	(0.07)	(0.04)	0.02	0.20
1956	Wet	0.03	0.05	0.09	(0.07)	0.00	0.00	0.03	0.03	1.65	1.64	1.65	1.64	0.56
1957	Above Normal	1.65	1.64	1.64	3.80	(0.03)	(0.02)	0.02	0.01	1.53	1.53	1.52	1.53	1.24
1958	Wet	1.53	1.53	1.52	1.53	0.00	0.00	0.00	0.00	1.62	1.62	1.62	1.62	1.05
1959	Below Normal	1.61	1.61	1.62	1.77	(5.95)	(2.05)	(0.81)	(0.87)	(14.55)	1.61	1.54	1.47	(1.08)
1960	Dry	1.46	1.41	1.35	1.09	(0.05)	0.08	0.10	0.00	0.01	(0.12)	(0.02)	(0.39)	0.41
1961	Dry	(0.26)	(0.24)	(0.07)	0.39	0.35	0.14	0.07	0.08	0.08	0.10	0.09	(0.04)	0.06
1962	Below Normal	(1.01)	0.21	(0.65)	0.00	0.00	0.00	0.00	0.00	1.57	1.57	1.56	1.57	0.40
1963	Wet	1.56	1.57	1.57	1.56	0.00	0.00	0.00	0.00	1.61	1.61	1.62	1.61	1.06
1964	Dry	1.62	1.61	1.61	1.60	(0.07)	0.19	(0.02)	(0.02)	0.01	0.01	0.00	0.00	0.55
1965	Wet	0.00	0.01	0.01	0.14	0.03	(0.45)	0.01	0.06	1.66	1.86	1.82	1.77	0.58
1966	Below Normal	1.74	1.72	1.67	1.41	(0.21)	(0.12)	0.00	0.01	1.28	1.27	1.27	1.26	0.94
1967	Wet	1.26	1.26	1.26	1.19	(0.02)	(0.01)	0.01	(0.01)	0.00	1.60	1.61	1.61	0.81
1968	Below Normal	1.61	0.66	(2.72)	(2.41)	0.08	0.00	(0.16)	0.13	1.51	2.14	1.64	1.07	0.30
1969	Wet	0.62	0.72	0.28	(14.98)	(5.44)	0.00	(0.25)	(0.24)	(0.24)	1.36	1.35	1.37	(1.29)
1970	Wet	1.36	1.38	1.39	8.37	(1.55)	0.00	(2.30)	0.14	1.77	1.77	1.78	1.76	1.32
1971	Wet	1.77	1.75	1.74	(7.01)	4.12	0.01	(0.07)	(0.08)	1.10	1.23	1.23	1.22	0.58
1972	Below Normal	1.22	1.21	1.21	1.26	0.07	0.02	(0.01)	(0.01)	0.01	(0.01)	0.00	0.02	0.42
1973	Above Normal	0.02	0.02	0.03	0.06	0.03	0.02	0.00	0.01	1.62	1.62	1.62	1.62	0.56
1974	Wet	1.62	1.62	1.62	(6.71)	(13.40)	0.00	3.05	(0.11)	1.49	1.48	1.48	1.51	(0.53)
1975	Wet	1.54	1.52	1.53	1.95	1.49	(1.97)	0.42	0.40	2.03	2.04	2.06	2.02	1.25
1976	Critical	2.02	2.00	1.96	1.91	0.10	(0.05)	(0.19)	(0.20)	(0.36)	(0.26)	(0.24)	(0.26)	0.54
1977	Critical	(0.24)	(0.22)	(0.17)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	(1.12)	(0.28)	0.60	2.12	3.33	2.36	1.27	0.69
1979	Below Normal	0.46	0.60	(0.32)	(2.78)	(18.31)	(10.25)	9.18	0.48	2.11	2.13	2.14	2.12	(1.04)
1980	Above Normal	2.16	2.09	2.05	(2.89)	(5.20)	0.00	(1.02)	(0.93)	0.63	0.55	0.55	0.69	(0.11)
1981	Dry	0.76	0.71	0.82	0.53	(2.44)	6.05	0.73	0.85	17.13	1.00	1.06	1.67	2.41
1982	Wet	1.63	1.65	1.61	1.49	0.05	0.00	0.01	0.00	1.62	1.62	1.62	1.62	1.08
1983	Wet	(4.10)	5.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.62	1.61	0.41
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.62	1.62	1.61	1.62	0.54
1985	Dry	1.62	1.61	1.61	1.61	0.00	0.00	0.00	0.00	1.18	1.19	1.18	1.19	0.93
1986	Wet	1.18	1.18	1.19	1.18	0.00	(5.89)	5.89	0.01	1.63	1.62	1.62	1.62	0.94
1987	Dry	1.62	1.62	1.62	(3.60)	0.01	0.01	(0.63)	(0.70)	(0.73)	(0.88)	(0.64)	(0.45)	(0.23)
1988	Critical	(0.26)	(0.21)	0.03	(0.16)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)
1989	Dry	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.04)	(0.04)	(0.04)	0.00	0.00	0.44	0.02
1990	Critical	0.41	0.38	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.09
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.07	0.11	0.08	0.05	0.02
1992	Critical	0.03	0.00	0.00	0.39	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.03
1993	Above Normal	0.10	0.00	0.37	0.00	(0.02)	(0.14)	(0.01)	0.02	1.63	1.79	1.76	1.70	0.60
1994	Critical	1.68	1.68	1.63	1.48	(0.10)	(0.04)	0.01	0.01	0.02	0.01	(0.23)	0.04	0.52
1995	Wet	0.83	1.14	0.00	0.01	0.00	(0.01)	0.00	0.00	1.62	1.62	1.62	1.62	0.70
1996	Wet	1.61	1.62	1.62	(12.92)	(10.12)	(6.07)	(0.82)	(0.80)	0.79	0.74	0.73	0.80	(1.90)
1997	Wet	0.81	0.84	0.91	(0.50)	(10.78)	0.00	0.33	0.11	1.73	1.74	1.74	1.74	(0.11)
1998	Wet	1.74	1.73	1.72	1.79	(0.02)	(0.03)	(0.03)	(0.51)	(0.57)	(0.63)	0.99	1.13	0.61
1999	Wet	2.66	(0.26)	0.82	(2.22)	(7.81)	0.00	(4.62)	0.05	1.67	1.68	1.68	1.67	(0.39)
2000	Above Normal	1.68	1.67	1.67	1.71	0.15	(0.52)	(0.14)	0.03	1.55	1.76	1.59	1.40	1.05
2001	Dry	1.25	1.28	1.14	0.77	(0.68)	(0.16)	0.14	0.16	0.46	0.49	0.43	0.40	0.47
2002	Dry	0.35	0.34	0.28	0.29	0.06	(0.02)	(0.13)	(0.13)	(0.11)	(0.12)	(0.12)	(0.11)	0.05
2003	Above Normal	(0.11)	(0.10)	(0.24)	0.38	0.34	0.12	0.00	0.00	1.09	1.09	1.09	1.09	0.40
	Average	1.50	1.73	1.68	0.31	(1.17)	(0.48)	0.24	(0.08)	0.58	0.93	0.84	0.75	0.57
	Wet	1.12	1.56	1.16	(0.81)	(1.47)	(0.51)	(0.18)	(0.12)	1.11	1.35	1.48	1.51	0.52
	Above Normal	0.91	0.89	1.10	2.12	(1.21)	(0.17)	(0.23)	0.05	1.38	2.08	1.83	1.51	0.86
	Below Normal	0.92	0.72	0.41	(0.97)	(2.82)	(0.72)	1.60	(0.23)	(2.27)	2.09	2.06	1.98	0.23
	Dry	2.81	3.34	3.78	1.38	(0.17)	(0.79)	0.02	(0.21)	1.65	0.21	0.20	0.28	1.04
	Critical	1.63	1.68	1.73	0.80	(0.06)	0.04	0.35	0.29	0.32	(1.44)	(2.01)	(2.37)	0.08

Percent Difference in Energy generated (GWh) at Warne: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	64%	-1%	-1%	0%	0%	5%	4%	4%	4%
1923	Below Normal	5%	6%	7%	-39%	-29%	5%	36%	-10%	-92%	27%	30%	34%
1924	Critical	47%	48%	68%	56%	38%	12%	11%	13%	15%	-91%	-89%	-87%
1925	Dry	>1,000%	>1,000%	>1,000%	202%	20%	-58%	10%	-14%	-13%	-14%	-13%	-13%
1926	Dry	-16%	-16%	-19%	28%	2%	5%	10%	8%	9%	10%	10%	11%
1927	Wet	14%	36%	47%	30%	-15%	-1%	-2%	-2%	2%	1%	1%	2%
1928	Above Normal	2%	2%	3%	6%	-4%	-6%	-3%	1%	1%	17%	13%	8%
1929	Critical	5%	5%	-1%	-17%	-23%	-8%	9%	3%	3%	3%	-87%	-86%
1930	Dry	>1,000%	>1,000%	>1,000%	230%	-2%	-2%	-5%	-5%	-5%	-2%	-5%	-7%
1931	Critical	-17%	-22%	-37%	7%	-2%	0%	1%	1%	1%	1%	1%	-89%
1932	Dry	327%	>1,000%	>1,000%	49%	-1%	0%	0%	0%	6%	5%	5%	7%
1933	Critical	10%	11%	21%	21%	0%	4%	6%	6%	8%	7%	12%	15%
1934	Critical	50%	113%	>1,000%	13%	3%	-3%	-4%	-4%	-5%	-5%	0%	0%
1935	Below Normal	-7%	-27%	-35%	0%	1%	2%	2%	2%	6%	4%	4%	5%
1936	Below Normal	6%	7%	11%	14%	0%	0%	0%	0%	4%	4%	4%	4%
1937	Below Normal	4%	5%	6%	0%	-1%	0%	-2%	-2%	2%	2%	2%	2%
1938	Wet	3%	3%	-2%	28%	6%	3%	7%	-1%	-1%	3%	3%	3%
1939	Dry	4%	4%	5%	6%	0%	0%	-8%	2%	39%	3%	3%	4%
1940	Above Normal	5%	5%	17%	7%	-9%	-2%	0%	0%	4%	3%	4%	4%
1941	Wet	6%	6%	8%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1942	Wet	6%	7%	4%	-15%	-1%	0%	0%	0%	4%	4%	4%	4%
1943	Wet	5%	6%	7%	-3%	-6%	0%	3%	0%	4%	4%	4%	4%
1944	Dry	5%	5%	6%	0%	-6%	-2%	-1%	-1%	4%	3%	3%	4%
1945	Below Normal	6%	7%	14%	10%	0%	-1%	0%	0%	4%	4%	4%	4%
1946	Below Normal	5%	5%	4%	6%	0%	0%	0%	0%	5%	4%	4%	5%
1947	Dry	5%	6%	7%	6%	0%	-1%	0%	0%	2%	2%	2%	2%
1948	Below Normal	3%	3%	4%	4%	-2%	-1%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-2%	-2%	0%	0%	0%	63%	2%	2%	3%
1951	Above Normal	3%	4%	-4%	27%	-18%	0%	0%	0%	4%	4%	4%	4%
1952	Wet	5%	5%	6%	6%	0%	0%	0%	-2%	-2%	3%	3%	4%
1953	Wet	6%	5%	3%	-6%	23%	0%	-17%	-1%	4%	3%	4%	5%
1954	Above Normal	8%	8%	12%	11%	6%	5%	1%	1%	2%	1%	2%	2%
1955	Dry	3%	3%	5%	10%	0%	0%	-1%	-1%	0%	0%	0%	0%
1956	Wet	0%	0%	1%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1957	Above Normal	4%	5%	6%	12%	0%	0%	0%	0%	91%	3%	3%	4%
1958	Wet	6%	6%	10%	41%	0%	0%	0%	0%	4%	4%	4%	4%
1959	Below Normal	5%	5%	6%	5%	-16%	-4%	-2%	-2%	-42%	3%	3%	4%
1960	Dry	5%	6%	9%	12%	-1%	1%	0%	0%	0%	0%	0%	-1%
1961	Dry	-1%	-1%	0%	4%	3%	1%	0%	0%	0%	0%	0%	0%
1962	Below Normal	-11%	0%	-4%	0%	0%	0%	0%	0%	99%	3%	3%	4%
1963	Wet	5%	6%	9%	8%	0%	0%	0%	0%	4%	4%	4%	4%
1964	Dry	5%	5%	4%	8%	0%	1%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	5%	5%	5%	5%
1966	Below Normal	6%	6%	8%	4%	-1%	0%	0%	0%	3%	3%	3%	4%
1967	Wet	5%	6%	9%	17%	0%	0%	0%	0%	0%	4%	4%	4%
1968	Below Normal	5%	2%	-9%	-6%	0%	0%	0%	0%	4%	5%	4%	3%
1969	Wet	2%	3%	2%	-39%	-11%	0%	-1%	-1%	-1%	4%	3%	4%
1970	Wet	4%	6%	6%	24%	-4%	0%	-6%	0%	4%	4%	4%	4%
1971	Wet	5%	6%	7%	-16%	12%	0%	0%	0%	3%	3%	3%	4%
1972	Below Normal	5%	6%	9%	29%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	4%	4%	4%	4%
1974	Wet	5%	5%	6%	-15%	-27%	0%	7%	0%	4%	4%	3%	4%
1975	Wet	5%	5%	6%	6%	5%	-4%	1%	1%	5%	5%	5%	5%
1976	Critical	6%	6%	7%	6%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	-3%	-1%	2%	6%	8%	6%	3%
1979	Below Normal	1%	2%	-1%	-9%	-44%	-19%	26%	1%	5%	5%	5%	6%
1980	Above Normal	7%	7%	8%	-9%	-11%	0%	-3%	-3%	2%	1%	1%	2%
1981	Dry	3%	3%	4%	1%	-7%	17%	2%	2%	325%	2%	2%	4%
1982	Wet	5%	6%	9%	8%	0%	0%	0%	0%	4%	4%	4%	4%
1983	Wet	-10%	16%	0%	0%	0%	0%	0%	0%	0%	0%	7%	6%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1985	Dry	5%	5%	4%	6%	0%	0%	0%	0%	3%	3%	3%	3%
1986	Wet	4%	4%	5%	4%	0%	-11%	16%	0%	4%	4%	4%	4%
1987	Dry	5%	5%	6%	-11%	0%	0%	-3%	-3%	-3%	-3%	-3%	-3%
1988	Critical	-8%	-17%	19%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	1%
1990	Critical	1%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%
1992	Critical	2%	0%	0%	12%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	1%	0%	3%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1994	Critical	5%	6%	8%	7%	-1%	0%	0%	0%	0%	0%	-1%	0%
1995	Wet	7%	3%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1996	Wet	4%	5%	6%	-33%	-24%	-13%	-2%	-2%	2%	2%	2%	2%
1997	Wet	2%	3%	3%	-1%	-23%	0%	1%	0%	5%	4%	4%	5%
1998	Wet	6%	6%	7%	5%	0%	0%	0%	-1%	-2%	-2%	3%	3%
1999	Wet	8%	-1%	3%	-7%	-16%	0%	-10%	0%	4%	4%	4%	4%
2000	Above Normal	5%	5%	6%	5%	0%	-2%	0%	0%	4%	4%	4%	4%
2001	Dry	5%	5%	7%	6%	-6%	-1%	1%	1%	2%	2%	2%	3%
2002	Dry	11%	25%	233%	322%	1%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	-1%	9%	4%	1%	0%	0%	81%	2%	2%	3%
	Average	8%	5%	8%	14%	-2%	-1%	1%	0%	9%	2%	1%	0%
	Wet	4%	6%	6%	2%	-3%	-1%	0%	0%	3%	3%	4%	4%
	Above Normal	3%	3%	4%	11%	-3%	-1%	-1%	0%	17%	5%	4%	4%
	Below Normal	2%	2%	1%	1%	-7%	-1%	4%	-1%	5%	5%	5%	5%
	Dry	20%	3%	15%	49%	0%	-2%	0%	-1%	20%	1%	1%	1%
	Critical	8%	13%	7%	8%	1%	0%	2%	1%	2%	-7%	-14%	-21%

Energy Use (GWh) At Pumping Plant at Badger Hill: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	1.88	1.40	1.25	0.61	0.77	1.03	1.80	2.48	3.06	3.18	2.81	1.97	22.24
1923	Below Normal	1.47	0.99	0.89	2.06	1.96	1.32	1.65	2.66	3.25	3.39	2.88	2.11	24.63
1924	Critical	1.14	0.83	0.74	0.50	0.47	0.47	0.70	0.88	1.65	1.72	1.52	0.75	11.37
1925	Dry	0.47	0.39	0.42	0.22	0.22	0.78	1.71	2.83	3.43	3.58	3.01	2.22	19.28
1926	Dry	1.13	0.84	0.76	0.24	0.28	0.56	0.96	2.46	2.97	3.10	2.61	1.92	17.83
1927	Wet	0.98	0.73	0.66	0.40	0.59	1.07	1.79	2.51	3.09	3.21	2.84	1.99	19.86
1928	Above Normal	1.49	1.00	0.90	1.76	1.63	0.94	1.75	2.41	2.97	3.08	2.72	1.91	22.56
1929	Critical	1.41	0.96	0.87	1.44	1.30	0.70	0.58	0.79	1.49	1.55	1.37	0.68	13.14
1930	Dry	0.42	0.35	0.38	0.22	0.27	0.42	1.17	1.75	2.48	2.59	2.22	1.41	13.68
1931	Critical	0.77	0.60	0.58	0.22	0.24	0.36	0.82	1.02	1.91	1.99	1.75	0.88	11.14
1932	Dry	0.54	0.46	0.49	0.25	0.38	0.52	1.26	2.04	2.57	2.69	2.27	1.61	15.08
1933	Critical	0.82	0.62	0.57	0.23	0.26	0.47	0.95	1.37	2.31	2.41	2.10	1.15	13.26
1934	Critical	0.68	0.56	0.58	0.23	0.21	0.39	0.88	1.10	2.05	2.14	1.88	0.94	11.64
1935	Below Normal	0.59	0.49	0.53	0.23	0.30	0.50	1.70	2.83	3.44	3.59	3.02	2.22	19.44
1936	Below Normal	1.13	0.85	0.76	0.26	0.45	1.23	1.84	2.63	3.23	3.36	2.98	2.08	20.80
1937	Below Normal	1.56	1.06	0.96	1.63	1.72	0.96	2.22	3.03	3.72	3.87	3.43	2.40	26.56
1938	Wet	1.81	1.23	1.11	2.47	2.37	1.40	2.34	3.41	4.16	4.31	3.84	2.55	31.00
1939	Dry	1.91	1.29	1.17	2.37	2.22	1.43	1.69	2.74	3.34	3.49	2.95	2.16	26.76
1940	Above Normal	1.15	0.84	0.75	0.31	0.31	0.71	1.70	2.87	3.48	3.63	3.06	2.25	21.06
1941	Wet	1.14	0.85	0.76	0.64	0.84	1.11	2.03	2.84	3.49	3.63	3.22	2.25	22.80
1942	Wet	1.69	1.15	1.04	2.37	2.34	1.64	1.89	2.61	3.23	3.35	2.96	2.07	26.34
1943	Wet	1.55	1.04	0.93	2.04	2.12	1.50	2.20	3.03	3.73	3.88	3.43	2.40	27.85
1944	Dry	1.80	1.21	1.10	1.42	1.27	0.79	1.25	1.98	2.58	2.70	2.29	1.57	19.96
1945	Below Normal	0.83	0.63	0.59	0.34	0.33	1.23	1.85	2.53	3.12	3.24	2.87	2.01	19.57
1946	Below Normal	1.51	1.02	1.12	2.12	1.38	1.20	1.69	2.40	2.96	3.08	2.72	1.90	23.10
1947	Dry	1.42	0.95	0.86	1.74	1.53	0.98	1.78	2.69	3.29	3.43	2.95	2.12	23.74
1948	Below Normal	1.30	0.92	0.83	0.86	0.78	0.52	0.89	2.51	3.04	3.17	2.67	1.96	19.45
1949	Dry	1.01	0.76	0.68	0.34	0.33	0.52	1.78	2.66	3.25	3.39	2.93	2.10	19.75
1950	Below Normal	1.32	0.93	0.84	0.49	0.44	0.49	1.53	2.53	3.06	3.20	2.69	1.98	19.50
1951	Above Normal	1.01	0.76	0.68	1.05	1.10	1.24	1.73	2.49	3.08	3.20	2.83	1.98	21.15
1952	Wet	1.48	0.99	0.89	2.07	2.06	1.47	1.91	2.88	3.50	3.63	3.24	2.27	26.39
1953	Wet	1.73	1.21	1.30	2.52	2.36	1.52	1.62	2.40	2.94	3.07	2.66	1.90	25.23
1954	Above Normal	1.23	0.85	0.76	1.20	1.26	1.10	1.71	2.85	3.46	3.61	3.04	2.23	23.30
1955	Dry	1.12	0.84	0.75	0.39	0.44	0.59	1.41	2.34	2.84	2.97	2.49	1.83	18.01
1956	Wet	0.92	0.68	0.61	0.98	1.23	1.40	2.03	2.84	3.50	3.64	3.22	2.25	23.30
1957	Above Normal	1.68	1.13	1.02	1.91	1.75	1.11	1.40	2.33	2.83	2.96	2.49	1.83	22.44
1958	Wet	0.92	0.69	0.61	0.53	0.92	1.36	2.42	3.33	4.10	4.26	3.77	2.64	25.55
1959	Below Normal	1.97	1.33	1.20	2.21	2.12	1.40	1.62	2.69	3.27	3.41	2.87	2.11	26.20
1960	Dry	1.06	0.79	0.70	0.22	0.21	0.45	1.82	2.95	3.57	3.73	3.15	2.31	20.96
1961	Dry	1.22	0.91	0.81	0.35	0.36	0.44	1.52	2.51	3.04	3.18	2.67	1.97	18.98
1962	Below Normal	1.00	0.75	0.67	0.24	0.22	0.65	1.55	2.59	3.14	3.28	2.76	2.03	18.88
1963	Wet	1.03	0.77	0.69	0.81	0.87	1.00	1.69	2.39	2.95	3.07	2.71	1.90	19.88
1964	Dry	1.42	0.95	1.05	1.80	1.09	0.97	1.78	2.45	3.02	3.14	2.78	1.94	22.39
1965	Wet	1.45	0.98	0.88	1.71	1.77	1.20	1.64	2.31	2.85	2.96	2.60	1.83	22.18
1966	Below Normal	1.32	0.89	0.80	1.73	1.75	1.22	1.67	2.74	3.34	3.49	2.94	2.16	24.05
1967	Wet	1.13	0.83	0.74	0.54	1.04	1.16	1.99	2.85	3.51	3.65	3.23	2.26	22.93
1968	Below Normal	1.69	1.14	1.03	2.17	2.19	1.43	1.64	2.54	3.11	3.25	2.78	2.01	24.98
1969	Wet	1.19	0.84	0.76	1.19	0.95	1.13	2.17	2.94	3.59	3.72	3.32	2.32	24.12
1970	Wet	1.76	1.22	1.10	2.66	2.30	1.52	1.74	2.47	3.05	3.17	2.81	1.96	25.76
1971	Wet	1.46	0.98	0.89	2.04	1.91	1.22	1.60	2.72	3.31	3.46	2.91	2.15	24.65
1972	Below Normal	1.08	0.80	0.71	0.57	0.71	0.90	1.68	2.72	3.31	3.46	2.93	2.14	21.01
1973	Above Normal	1.16	0.84	0.75	0.73	1.10	1.13	1.77	2.52	3.11	3.24	2.86	2.00	21.21
1974	Wet	1.50	1.01	0.91	2.15	2.18	1.59	2.03	2.82	3.48	3.62	3.20	2.23	26.72
1975	Wet	1.67	1.12	1.01	2.14	1.91	1.52	1.78	2.45	3.02	3.14	2.77	1.94	24.47
1976	Critical	1.45	0.97	0.88	1.73	1.53	0.97	1.59	2.63	3.20	3.34	2.81	2.06	23.16
1977	Critical	1.04	0.78	0.69	0.23	0.22	0.30	0.56	0.70	0.00	0.00	0.16	2.74	7.42
1978	Above Normal	1.09	0.81	0.74	0.21	0.47	0.93	1.73	2.38	2.93	3.04	2.69	1.88	18.90
1979	Below Normal	1.41	0.95	0.86	1.58	1.48	1.30	1.85	2.64	3.25	3.38	2.99	2.09	23.78
1980	Above Normal	1.57	1.06	0.96	1.92	2.04	1.13	2.16	2.91	3.54	3.67	3.28	2.30	26.54
1981	Dry	1.75	1.22	1.11	2.22	2.19	1.30	1.53	2.61	3.17	3.31	2.78	2.04	25.23
1982	Wet	1.02	0.76	0.68	0.71	0.91	1.39	2.60	3.30	4.07	4.23	3.75	2.62	26.04
1983	Wet	1.96	1.31	1.19	2.56	1.84	1.10	2.10	2.84	3.46	3.59	3.20	2.24	27.39
1984	Wet	1.91	1.39	1.28	2.84	2.09	1.23	1.72	2.49	3.07	3.19	2.82	1.97	26.00
1985	Dry	1.47	0.98	1.09	1.99	1.78	1.38	1.66	2.35	2.90	3.02	2.67	1.86	23.15
1986	Wet	1.39	0.93	0.84	1.51	1.37	1.57	2.17	2.93	3.57	3.71	3.31	2.32	25.62
1987	Dry	1.77	1.23	1.12	1.91	1.72	0.85	0.91	1.14	2.12	2.21	1.95	0.98	17.91
1988	Critical	0.61	0.52	0.55	0.23	0.27	0.31	0.59	0.74	1.40	1.46	1.29	0.64	8.61
1989	Dry	0.39	0.33	0.35	0.22	0.24	0.32	1.76	2.95	3.58	3.73	3.14	2.32	19.33
1990	Critical	1.18	0.89	0.80	0.23	0.24	0.38	0.79	0.98	1.84	1.92	1.69	0.84	11.78
1991	Critical	0.52	0.44	0.47	0.22	0.21	0.31	0.61	0.76	1.43	1.50	1.32	0.65	8.44
1992	Critical	0.40	0.34	0.36	0.22	0.21	0.30	0.59	0.74	1.39	1.45	0.11	1.31	7.42
1993	Above Normal	0.61	0.48	0.47	0.22	0.77	0.92	1.70	2.55	3.11	3.25	2.81	2.01	18.90
1994	Critical	1.28	0.90	0.81	1.09	0.98	0.81	1.45	2.40	2.92	3.05	2.56	1.88	20.13
1995	Wet	0.95	0.71	0.63	0.23	0.72	0.85	2.22	3.04	3.74	3.89	3.44	2.41	22.83
1996	Wet	1.81	1.23	1.11	2.14	2.04	1.48	1.85	2.54	3.14	3.26	2.89	2.02	25.51
1997	Wet	1.51	1.01	0.92	2.10	2.10	1.64	2.06	2.83	3.49	3.63	3.21	2.25	26.75
1998	Wet	1.68	1.13	1.02	1.96	2.21	1.61	2.06	3.31	4.07	4.23	3.75	2.62	29.65
1999	Wet	1.98	1.54	1.42	2.46	2.47	1.73	1.75	2.49	3.07	3.19	2.82	1.97	26.89
2000	Above Normal	1.47	0.99	0.89	1.70	1.71	1.24	1.75	2.80	3.41	3.56	3.02	2.20	24.74
2001	Dry	1.20	0.87	0.78	0.47	0.43	0.48	0.93	1.16	2.18	2.27	2.00	1.00	13.77
2002	Dry	0.62	0.53	0.57	0.41	0.48	0.64	1.77	2.42	2.98	3.10	2.74	1.91	18.17
2003	Above Normal	1.44	0.97	0.88	0.65	0.59	0.66	1.42	2.37	2.89	3.02	2.53	1.86	19.28
	Average	1.26	0.90	0.83	1.17	1.15	0.99	1.61	2.40	3.01	3.14	2.72	1.94	21.12
	Wet	1.45	1.01	0.92	1.68	1.67	1.36	1.98	2.79	3.43	3.57	3.15	2.21	25.22
	Above Normal	1.32	0.93	0.84	1.02	1.13	1.01	1.72	2.58	3.16	3.29	2.85	2.04	21.86
	Below Normal	1.30	0.91	0.84	1.18	1.13	1.03	1.67	2.65	3.23	3.37	2.90	2.09	22.28
	Dry	1.15	0.83	0.79	0.93	0.86	0.75	1.48	2.34	2.96	3.09	2.64	1.85	19.67
	Critical	0.94	0.70	0.66	0.55	0.51	0.48	0.84	1.18	1.80	1.88	1.55	1.21	12.29

Energy Use (GWh) At Pumping Plant at Badger Hill: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	1.88	1.40	1.25	0.75	0.91	1.19	2.11	2.97	3.66	3.81	3.37	2.35	25.65
1923	Below Normal	1.76	1.18	1.07	2.32	2.24	1.48	1.63	2.54	3.10	3.24	2.78	2.01	25.35
1924	Critical	1.19	0.84	0.75	0.85	0.78	0.59	0.82	1.02	1.93	2.01	0.16	1.35	12.29
1925	Dry	1.01	0.82	0.79	0.32	0.30	0.48	1.44	2.38	2.89	3.02	2.54	1.87	17.86
1926	Dry	0.94	0.70	0.63	0.32	0.30	0.59	1.06	2.66	3.22	3.36	2.83	2.08	18.69
1927	Wet	1.06	0.79	0.71	0.39	0.54	1.05	1.76	2.45	3.02	3.14	2.78	1.94	19.63
1928	Above Normal	1.45	0.98	0.88	1.71	1.58	0.90	1.77	2.64	3.22	3.36	2.91	2.08	23.48
1929	Critical	1.33	0.93	0.84	1.01	0.92	0.59	0.66	0.82	1.56	1.62	1.13	0.79	12.20
1930	Dry	0.51	0.44	0.46	0.25	0.26	0.40	1.11	1.60	2.41	2.52	2.18	1.31	13.45
1931	Critical	0.73	0.59	0.58	0.25	0.25	0.36	0.82	1.03	1.93	2.01	1.77	0.52	10.84
1932	Dry	0.68	0.58	0.61	0.26	0.38	0.52	1.26	2.04	2.57	2.69	2.27	1.61	15.47
1933	Critical	0.82	0.62	0.57	0.23	0.26	0.49	1.01	1.55	2.39	2.50	2.16	1.27	13.87
1934	Critical	0.72	0.58	0.58	0.23	0.22	0.36	0.83	1.04	1.95	2.03	1.72	0.83	11.09
1935	Below Normal	0.60	0.51	0.55	0.23	0.31	0.51	1.75	2.91	3.53	3.68	3.10	2.28	19.96
1936	Below Normal	1.16	0.87	0.78	0.25	0.44	1.22	1.85	2.63	3.24	3.36	2.98	2.08	20.86
1937	Below Normal	1.56	1.06	0.96	1.63	1.70	1.42	2.22	3.03	3.73	3.88	3.43	2.40	27.02
1938	Wet	1.81	1.23	1.11	2.24	2.54	1.74	2.34	3.20	3.94	4.10	3.63	2.54	30.42
1939	Dry	1.91	1.29	1.17	2.37	2.20	1.41	1.70	2.74	3.34	3.49	2.96	2.16	26.74
1940	Above Normal	1.16	0.84	0.75	0.26	0.26	0.70	1.70	2.87	3.48	3.63	3.05	2.25	20.95
1941	Wet	1.14	0.85	0.76	0.64	0.84	1.11	2.03	2.84	3.49	3.63	3.22	2.25	22.80
1942	Wet	1.69	1.15	1.04	2.37	2.34	1.62	1.87	2.58	3.18	3.31	2.92	2.04	26.11
1943	Wet	1.52	1.02	0.92	2.02	2.09	1.47	2.17	2.98	3.67	3.82	3.38	2.36	27.42
1944	Dry	1.77	1.19	1.08	1.13	1.01	0.70	1.25	1.96	2.58	2.69	2.29	1.56	19.21
1945	Below Normal	0.82	0.63	0.59	0.34	0.33	1.21	1.85	2.53	3.12	3.24	2.87	2.01	19.54
1946	Below Normal	1.51	1.02	1.12	2.12	1.38	1.20	1.70	2.41	2.98	3.10	2.74	1.91	23.19
1947	Dry	1.43	0.95	0.86	1.75	1.53	0.98	1.78	2.71	3.30	3.44	2.96	2.13	23.82
1948	Below Normal	1.30	0.92	0.83	0.83	0.76	0.51	0.89	2.52	3.05	3.18	2.68	1.97	19.44
1949	Dry	1.01	0.76	0.68	0.34	0.33	0.52	1.78	2.67	3.26	3.39	2.93	2.10	19.77
1950	Below Normal	1.32	0.93	0.84	0.48	0.43	0.49	1.53	2.53	3.06	3.20	2.69	1.98	19.48
1951	Above Normal	1.01	0.76	0.68	1.05	1.10	1.24	1.73	2.49	3.08	3.20	2.83	1.98	21.15
1952	Wet	1.48	0.99	0.89	2.07	2.06	1.47	1.91	2.70	3.31	3.44	3.05	2.14	25.51
1953	Wet	1.61	1.10	1.19	2.36	2.18	1.45	1.62	2.36	2.90	3.02	2.63	1.87	24.29
1954	Above Normal	1.25	0.85	0.77	1.28	1.34	1.14	1.73	2.87	3.49	3.64	3.06	2.25	23.67
1955	Dry	1.13	0.84	0.75	0.38	0.44	0.59	1.39	2.32	2.82	2.94	2.47	1.82	17.89
1956	Wet	0.91	0.68	0.60	0.97	1.23	1.40	2.03	2.84	3.50	3.64	3.22	2.25	23.27
1957	Above Normal	1.68	1.13	1.02	1.91	1.75	1.11	1.40	2.33	2.24	3.07	2.60	1.93	22.17
1958	Wet	1.02	0.77	0.70	0.53	0.92	1.36	2.42	3.33	4.10	4.26	3.77	2.64	25.82
1959	Below Normal	1.97	1.33	1.20	2.20	2.11	1.38	1.57	2.62	3.18	3.32	2.79	2.05	25.72
1960	Dry	1.03	0.76	0.68	0.22	0.21	0.46	1.82	2.94	3.56	3.72	3.14	2.30	20.84
1961	Dry	1.23	0.91	0.82	0.37	0.38	0.45	1.52	2.52	3.05	3.18	2.68	1.97	19.08
1962	Below Normal	1.00	0.75	0.67	0.24	0.22	0.65	1.55	2.59	3.14	3.28	2.76	2.03	18.88
1963	Wet	1.03	0.77	0.69	0.81	0.87	1.00	1.69	2.39	2.95	3.07	2.71	1.90	19.88
1964	Dry	1.42	0.95	1.05	1.80	1.09	0.97	1.78	2.45	3.02	3.14	2.77	1.94	22.38
1965	Wet	1.45	0.98	0.88	1.72	1.77	1.20	1.64	2.31	2.85	2.97	2.61	1.83	22.21
1966	Below Normal	1.31	0.89	0.80	1.72	1.74	1.21	1.67	2.74	3.34	3.49	2.95	2.17	24.03
1967	Wet	1.13	0.83	0.74	0.54	1.04	1.16	1.99	2.84	3.50	3.64	3.22	2.25	22.88
1968	Below Normal	1.69	1.14	1.03	2.14	2.18	1.41	1.65	2.62	3.20	3.34	2.84	2.07	25.31
1969	Wet	1.17	0.84	0.75	1.05	1.27	1.13	2.16	2.93	3.58	3.71	3.31	2.31	24.21
1970	Wet	1.96	1.21	1.10	2.66	2.46	1.49	1.74	2.48	3.06	3.19	2.82	1.97	26.14
1971	Wet	1.47	0.98	0.89	2.04	1.91	1.22	1.59	2.71	3.30	3.45	2.90	2.14	24.60
1972	Below Normal	1.07	0.80	0.71	0.57	0.71	0.90	1.68	2.72	3.31	3.46	2.93	2.14	21.00
1973	Above Normal	1.16	0.84	0.75	0.73	1.10	1.13	1.77	2.52	3.11	3.24	2.86	2.00	21.21
1974	Wet	1.50	1.01	0.91	2.15	2.18	1.58	1.97	2.72	3.36	3.49	3.08	2.16	26.11
1975	Wet	1.61	1.08	0.97	2.09	1.87	1.52	1.80	2.47	3.05	3.17	2.80	1.96	24.39
1976	Critical	1.46	0.98	0.89	1.74	1.54	0.97	1.58	2.62	3.18	3.32	2.79	2.05	23.12
1977	Critical	1.04	0.77	0.69	0.23	0.22	0.30	0.56	0.70	0.00	0.00	0.16	2.28	6.95
1978	Above Normal	0.67	1.26	1.16	0.21	0.47	0.91	1.74	2.48	3.04	3.17	2.77	1.96	19.84
1979	Below Normal	1.34	0.92	0.83	1.28	1.21	1.31	1.85	2.59	3.19	3.31	2.93	2.05	22.81
1980	Above Normal	1.54	1.04	0.94	1.87	2.01	1.56	1.99	2.78	3.40	3.53	3.14	2.20	26.00
1981	Dry	1.66	1.14	1.04	2.08	2.04	1.31	1.57	2.68	3.25	3.40	2.86	2.10	25.13
1982	Wet	1.05	0.78	0.70	0.71	0.91	1.39	2.60	3.30	4.07	4.24	3.75	2.62	26.12
1983	Wet	1.96	1.32	1.19	2.56	1.85	1.10	2.10	2.84	3.46	3.59	3.20	2.24	27.41
1984	Wet	1.91	1.39	1.28	2.84	2.08	1.23	1.72	2.49	3.07	3.19	2.82	1.97	25.99
1985	Dry	1.47	0.98	1.09	1.99	1.78	1.38	1.66	2.35	2.90	3.02	2.67	1.86	23.15
1986	Wet	1.39	0.93	0.84	1.51	1.37	1.55	2.17	2.94	3.58	3.71	3.31	2.32	25.62
1987	Dry	1.77	1.23	1.12	1.91	1.72	0.85	0.88	1.09	2.04	2.13	1.88	0.94	17.56
1988	Critical	0.59	0.50	0.53	0.23	0.27	0.31	0.59	0.74	1.40	1.46	1.29	0.64	8.55
1989	Dry	0.39	0.33	0.35	0.22	0.24	0.32	1.76	2.95	3.57	3.73	3.14	2.31	19.31
1990	Critical	1.18	0.89	0.80	0.23	0.24	0.38	0.79	0.98	1.84	1.92	1.69	0.84	11.78
1991	Critical	0.52	0.44	0.47	0.22	0.21	0.31	0.61	0.76	1.43	1.50	1.32	0.65	8.44
1992	Critical	0.40	0.34	0.36	0.22	0.21	0.30	0.59	0.74	1.39	1.19	0.11	1.38	7.23
1993	Above Normal	0.68	0.55	0.53	0.22	0.77	0.92	1.70	2.55	3.12	3.25	2.81	2.01	19.11
1994	Critical	1.28	0.89	0.80	1.08	0.97	0.80	1.45	2.40	2.92	3.05	2.56	1.89	20.09
1995	Wet	0.95	0.71	0.63	0.23	0.72	0.85	2.22	3.04	3.74	3.89	3.44	2.41	22.83
1996	Wet	1.81	1.23	1.11	1.21	1.22	1.14	1.79	2.46	3.03	3.15	2.79	1.95	22.89
1997	Wet	1.46	0.98	0.88	2.07	2.07	1.63	2.05	2.83	3.49	3.63	3.21	2.24	26.54
1998	Wet	1.68	1.13	1.02	1.95	2.21	1.61	2.06	2.94	3.63	3.77	3.34	2.33	27.67
1999	Wet	1.95	1.38	1.27	2.29	2.33	1.52	1.75	2.50	3.08	3.20	2.83	1.98	26.08
2000	Above Normal	1.48	0.99	0.90	1.71	1.72	1.24	1.75	2.82	3.43	3.58	3.03	2.21	24.86
2001	Dry	1.18	0.87	0.78	0.42	0.39	0.46	0.94	1.17	2.19	2.29	2.01	1.01	13.71
2002	Dry	0.63	0.53	0.57	0.41	0.48	0.64	1.76	2.41	2.97	3.09	2.73	1.91	18.13
2003	Above Normal	1.43	0.96	0.87	0.67	0.60	0.67	1.42	2.37	2.88	3.02	2.53	1.86	19.28
	Average	1.27	0.91	0.84	1.14	1.14	0.99	1.61	2.39	3.00	3.13	2.69	1.93	21.04
	Wet	1.45	1.01	0.91	1.62	1.65	1.35	1.97	2.75	3.38	3.52	3.11	2.18	24.88
	Above Normal	1.28	0.97	0.88	1.03	1.13	1.06	1.73	2.64	3.18	3.38	2.91	2.09	22.28
	Below Normal	1.32	0.93	0.86	1.17	1.13	1.06	1.67	2.64	3.23	3.36	2.89	2.08	22.33
	Dry	1.18	0.85	0.81	0.92	0.84	0.72	1.47	2.31	2.94	3.07	2.63	1.83	19.57
	Critical	0.94	0.70	0.66	0.54	0.51	0.48	0.86	1.20	1.83	1.88	1.41	1.21	12.20

Difference in Energy Use (GWh) At Pumping Plant at Badger Hill: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.14	0.14	0.16	0.31	0.49	0.60	0.63	0.56	0.38	0.28
1923	Below Normal	0.29	0.19	0.18	0.26	0.28	0.16	(0.02)	(0.12)	(0.15)	(0.15)	(0.10)	(0.10)	0.06
1924	Critical	0.05	0.01	0.01	0.35	0.31	0.12	0.12	0.14	0.28	0.29	(1.36)	0.60	0.08
1925	Dry	0.54	0.43	0.37	0.10	0.08	(0.30)	(0.27)	(0.45)	(0.54)	(0.56)	(0.47)	(0.35)	(0.12)
1926	Dry	(0.19)	(0.14)	(0.13)	0.08	0.02	0.03	0.10	0.20	0.25	0.26	0.22	0.16	0.07
1927	Wet	0.08	0.06	0.05	(0.01)	(0.05)	(0.02)	(0.03)	(0.06)	(0.07)	(0.07)	(0.06)	(0.05)	(0.02)
1928	Above Normal	(0.04)	(0.02)	(0.02)	(0.05)	(0.05)	(0.04)	0.02	0.23	0.25	0.28	0.19	0.17	0.08
1929	Critical	(0.08)	(0.03)	(0.03)	(0.43)	(0.38)	(0.11)	0.08	0.03	0.07	0.07	(0.24)	0.11	(0.08)
1930	Dry	0.09	0.09	0.08	0.03	(0.01)	(0.02)	(0.06)	(0.15)	(0.07)	(0.07)	(0.04)	(0.10)	(0.02)
1931	Critical	(0.04)	(0.01)	0.00	0.03	0.01	0.00	0.00	0.01	0.02	0.02	0.02	(0.36)	(0.03)
1932	Dry	0.14	0.12	0.12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.02	0.06	0.18	0.08	0.09	0.06	0.12	0.05
1934	Critical	0.04	0.02	0.00	0.00	0.01	(0.03)	(0.05)	(0.06)	(0.10)	(0.11)	(0.16)	(0.11)	(0.05)
1935	Below Normal	0.01	0.02	0.02	0.00	0.01	0.01	0.05	0.08	0.09	0.09	0.08	0.06	0.04
1936	Below Normal	0.03	0.02	0.02	(0.01)	(0.01)	(0.01)	0.01	0.00	0.01	0.00	0.00	0.00	0.01
1937	Below Normal	0.00	0.00	0.00	0.00	(0.02)	0.46	0.00	0.00	0.01	0.01	0.00	0.00	0.04
1938	Wet	0.00	0.00	0.00	(0.23)	0.17	0.34	0.00	(0.21)	(0.22)	(0.21)	(0.21)	(0.01)	(0.05)
1939	Dry	0.00	0.00	0.00	0.00	(0.02)	(0.02)	0.01	0.00	0.00	0.00	0.01	0.00	0.00
1940	Above Normal	0.01	0.00	0.00	(0.05)	(0.05)	(0.01)	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.02)	(0.03)	(0.05)	(0.04)	(0.04)	(0.03)	(0.02)
1943	Wet	(0.03)	(0.02)	(0.01)	(0.02)	(0.03)	(0.03)	(0.03)	(0.05)	(0.06)	(0.06)	(0.05)	(0.04)	(0.04)
1944	Dry	(0.03)	(0.02)	(0.02)	(0.29)	(0.26)	(0.09)	0.00	(0.02)	0.00	(0.01)	0.00	(0.01)	(0.06)
1945	Below Normal	(0.01)	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.02	0.02	0.01	0.01
1947	Dry	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.01	0.01	0.01	0.01	0.01
1948	Below Normal	0.00	0.00	0.00	(0.03)	(0.02)	(0.01)	0.00	0.01	0.01	0.01	0.01	0.01	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.18)	(0.19)	(0.19)	(0.19)	(0.13)	(0.07)
1953	Wet	(0.12)	(0.11)	(0.11)	(0.16)	(0.18)	(0.07)	0.00	(0.04)	(0.04)	(0.05)	(0.03)	(0.03)	(0.08)
1954	Above Normal	0.02	0.00	0.01	0.08	0.08	0.04	0.02	0.02	0.03	0.03	0.02	0.02	0.03
1955	Dry	0.01	0.00	0.00	(0.01)	0.00	0.00	(0.02)	(0.02)	(0.02)	(0.03)	(0.02)	(0.01)	(0.01)
1956	Wet	(0.01)	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.59)	0.11	0.11	0.10	(0.02)
1958	Wet	0.10	0.08	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1959	Below Normal	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.05)	(0.07)	(0.09)	(0.09)	(0.08)	(0.06)	(0.04)
1960	Dry	(0.03)	(0.03)	(0.02)	0.00	0.00	0.01	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
1961	Dry	0.01	0.00	0.01	0.02	0.02	0.01	0.00	0.01	0.01	0.00	0.01	0.00	0.01
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
1966	Below Normal	(0.01)	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.01	0.01	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1968	Below Normal	0.00	0.00	0.00	(0.03)	(0.01)	(0.02)	0.01	0.08	0.09	0.09	0.06	0.06	0.03
1969	Wet	(0.02)	0.00	(0.01)	(0.14)	0.32	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.01
1970	Wet	0.20	(0.01)	0.00	0.00	0.16	(0.03)	0.00	0.01	0.01	0.02	0.01	0.01	0.03
1971	Wet	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1972	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.06)	(0.10)	(0.12)	(0.13)	(0.12)	(0.07)	(0.05)
1975	Wet	(0.06)	(0.04)	(0.04)	(0.05)	(0.04)	0.00	0.02	0.02	0.03	0.03	0.03	0.02	(0.01)
1976	Critical	0.01	0.01	0.01	0.01	0.01	0.00	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	(0.01)	0.00
1977	Critical	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.46)	(0.04)
1978	Above Normal	(0.42)	0.45	0.42	0.00	0.00	(0.02)	0.01	0.10	0.11	0.13	0.08	0.08	0.08
1979	Below Normal	(0.07)	(0.03)	(0.03)	(0.30)	(0.27)	0.01	0.00	(0.05)	(0.06)	(0.07)	(0.06)	(0.04)	(0.08)
1980	Above Normal	(0.03)	(0.02)	(0.02)	(0.05)	(0.03)	0.43	(0.17)	(0.13)	(0.14)	(0.14)	(0.14)	(0.10)	(0.05)
1981	Dry	(0.09)	(0.08)	(0.07)	(0.14)	(0.15)	0.01	0.04	0.07	0.08	0.09	0.08	0.06	(0.01)
1982	Wet	0.03	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
1983	Wet	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.01	0.01	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.05)	(0.08)	(0.08)	(0.07)	(0.04)	(0.03)
1988	Critical	(0.02)	(0.02)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.26)	0.00	0.07	(0.02)
1993	Above Normal	0.07	0.07	0.06	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.02
1994	Critical	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	(0.93)	(0.82)	(0.34)	(0.06)	(0.08)	(0.11)	(0.11)	(0.10)	(0.07)	(0.22)
1997	Wet	(0.05)	(0.03)	(0.04)	(0.03)	(0.03)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	(0.01)	(0.02)
1998	Wet	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.37)	(0.44)	(0.46)	(0.41)	(0.29)	(0.17)
1999	Wet	(0.03)	(0.16)	(0.15)	(0.17)	(0.14)	(0.21)	0.00	0.01	0.01	0.01	0.01	0.01	(0.07)
2000	Above Normal	0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.02	0.02	0.02	0.01	0.01	0.01
2001	Dry	(0.02)	0.00	0.00	(0.05)	(0.04)	(0.02)	0.01	0.01	0.01	0.02	0.01	0.01	(0.01)
2002	Dry	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00
2003	Above Normal	(0.01)	(0.01)	(0.01)	0.02	0.01	0.01	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
	Average	0.00	0.01	0.01	(0.03)	(0.01)	0.00	(0.00)	(0.01)	(0.01)	(0.01)	(0.03)	(0.01)	(0.01)
	Wet	0.00	(0.01)	(0.01)	(0.07)	(0.02)	(0.02)	(0.01)	(0.04)	(0.05)	(0.05)	(0.05)	(0.03)	(0.03)
	Above Normal	(0.03)	0.04	0.04	0.01	0.01	0.05	0.02	0.06	0.02	0.09	0.07	0.06	0.04
	Below Normal	0.02	0.01	0.01	(0.01)	(0.00)	0.04	0.00	(0.00)	(0.00)	(0.01)	(0.00)	(0.00)	0.01
	Dry	0.03	0.02	0.02	(0.01)	(0.02)	(0.02)	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)
	Critical	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	0.02	0.02	0.03	0.01	(0.14)	(0.00)	(0.01)

Percent Difference in Energy Use (GWh) At Pumping Plant at Badger Hill: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	23%	18%	16%	17%	20%	20%	20%	20%	19%
1923	Below Normal	20%	19%	20%	13%	14%	12%	-1%	-5%	-5%	-4%	-3%	-5%
1924	Critical	4%	1%	1%	70%	66%	26%	17%	16%	17%	17%	-89%	80%
1925	Dry	115%	110%	88%	45%	36%	-38%	-16%	-16%	-16%	-16%	-16%	-16%
1926	Dry	-17%	-17%	-17%	33%	7%	5%	10%	8%	8%	8%	8%	8%
1927	Wet	8%	8%	8%	-3%	-8%	-2%	-2%	-2%	-2%	-2%	-2%	-3%
1928	Above Normal	-3%	-2%	-2%	-3%	-3%	-4%	1%	10%	8%	9%	7%	9%
1929	Critical	-6%	-3%	-3%	-30%	-29%	-16%	14%	4%	5%	5%	-18%	16%
1930	Dry	21%	26%	21%	14%	-4%	-5%	-5%	-9%	-3%	-3%	-2%	-7%
1931	Critical	-5%	-2%	0%	14%	4%	0%	0%	1%	1%	1%	1%	-41%
1932	Dry	26%	26%	24%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	4%	6%	13%	3%	4%	3%	10%
1934	Critical	6%	4%	0%	0%	5%	-8%	-6%	-5%	-5%	-5%	-9%	-12%
1935	Below Normal	2%	4%	4%	0%	3%	2%	3%	3%	3%	3%	3%	3%
1936	Below Normal	3%	2%	3%	-4%	-2%	-1%	1%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	-1%	48%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-9%	7%	24%	0%	-6%	-5%	-5%	-5%	0%
1939	Dry	0%	0%	0%	0%	-1%	-1%	1%	0%	0%	0%	0%	0%
1940	Above Normal	1%	0%	0%	-16%	-16%	-1%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	-1%	-1%	-1%	-2%	-1%	-1%	-1%
1943	Wet	-2%	-2%	-1%	-1%	-1%	-2%	-1%	-2%	-2%	-2%	-1%	-2%
1944	Dry	-2%	-2%	-2%	-20%	-20%	-11%	0%	-1%	0%	0%	0%	-1%
1945	Below Normal	-1%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	1%	0%	1%	1%	1%	1%
1947	Dry	1%	0%	0%	1%	0%	0%	0%	1%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-3%	-3%	-2%	0%	0%	0%	0%	0%	1%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	-6%	-5%	-5%	-6%	-6%
1953	Wet	-7%	-9%	-8%	-6%	-8%	-5%	0%	-2%	-1%	-2%	-1%	-2%
1954	Above Normal	2%	0%	1%	7%	6%	4%	1%	1%	1%	1%	1%	1%
1955	Dry	1%	0%	0%	-3%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	0%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-21%	4%	4%	5%
1958	Wet	11%	12%	15%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-1%	-3%	-3%	-3%	-3%	-3%	-3%
1960	Dry	-3%	-4%	-3%	0%	0%	2%	0%	0%	0%	0%	0%	0%
1961	Dry	1%	0%	1%	6%	6%	2%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	-1%	0%	0%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	-1%	0%	-1%	1%	3%	3%	3%	2%	3%
1969	Wet	-2%	0%	-1%	-12%	34%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	11%	-1%	0%	0%	7%	-2%	0%	0%	0%	1%	0%	1%
1971	Wet	1%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1972	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	-1%	-3%	-4%	-3%	-4%	-4%	-3%
1975	Wet	-4%	-4%	-4%	-2%	-2%	0%	1%	1%	1%	1%	1%	1%
1976	Critical	1%	1%	1%	1%	1%	0%	-1%	0%	-1%	-1%	-1%	0%
1977	Critical	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-17%
1978	Above Normal	-39%	56%	57%	0%	0%	-2%	1%	4%	4%	4%	3%	4%
1979	Below Normal	-5%	-3%	-3%	-19%	-18%	1%	0%	-2%	-2%	-2%	-2%	-2%
1980	Above Normal	-2%	-2%	-2%	-3%	-1%	38%	-8%	-4%	-4%	-4%	-4%	-4%
1981	Dry	-5%	-7%	-6%	-6%	-7%	1%	3%	3%	3%	3%	3%	3%
1982	Wet	3%	3%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-3%	-4%	-4%	-4%	-4%	-4%
1988	Critical	-3%	-4%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-18%	0%	5%
1993	Above Normal	11%	15%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	1%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	-43%	-40%	-23%	-3%	-3%	-4%	-3%	-3%	-3%
1997	Wet	-3%	-3%	-4%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	-1%	0%	0%	0%	-11%	-11%	-11%	-11%	-11%
1999	Wet	-2%	-10%	-11%	-7%	-6%	-12%	0%	0%	0%	0%	0%	1%
2000	Above Normal	1%	0%	1%	1%	1%	0%	0%	1%	1%	1%	0%	0%
2001	Dry	-2%	0%	0%	-11%	-9%	-4%	1%	1%	0%	1%	0%	1%
2002	Dry	2%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
2003	Above Normal	-1%	-1%	-1%	3%	2%	2%	0%	0%	0%	0%	0%	0%
	Average	2%	3%	2%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
	Wet	1%	0%	0%	-3%	-1%	-1%	0%	-1%	-1%	-1%	-1%	-1%
	Above Normal	-2%	5%	6%	1%	1%	4%	1%	3%	1%	3%	3%	3%
	Below Normal	1%	2%	2%	-1%	-1%	4%	0%	0%	0%	0%	0%	0%
	Dry	8%	7%	6%	3%	0%	-3%	-1%	-1%	-1%	-1%	-1%	-1%
	Critical	0%	0%	0%	4%	4%	0%	3%	2%	2%	0%	-9%	4%

Energy Use (GWh) At Pumping Plant at Buena Vista: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	59.76	49.11	38.98	9.66	17.84	29.90	38.50	37.77	38.60	38.88	40.46	36.06	435.52
1923	Below Normal	32.46	28.92	25.09	51.45	49.67	49.64	35.50	40.16	40.39	42.88	43.76	38.23	478.15
1924	Critical	30.26	26.64	21.12	17.67	17.44	15.18	20.31	24.47	24.94	24.91	22.19	18.89	264.02
1925	Dry	9.61	6.97	5.87	5.01	7.78	24.72	33.27	43.44	43.84	46.78	47.02	41.02	315.33
1926	Dry	31.35	27.68	21.51	10.86	12.41	17.58	25.89	37.69	37.98	40.47	40.69	35.47	339.58
1927	Wet	26.77	23.49	18.09	10.00	16.14	35.18	41.23	41.06	42.02	42.25	43.77	39.16	379.16
1928	Above Normal	35.68	31.88	27.88	44.38	43.80	27.21	41.32	40.68	41.50	41.79	43.12	38.62	457.86
1929	Critical	34.92	31.24	27.27	40.61	37.87	21.27	17.14	22.38	22.64	22.74	20.28	16.79	315.15
1930	Dry	8.79	6.41	5.41	4.46	8.78	12.25	28.38	33.51	34.12	35.35	33.85	29.24	240.55
1931	Critical	19.39	16.00	12.11	8.38	9.77	11.64	23.06	28.06	28.62	28.70	25.55	21.52	232.80
1932	Dry	11.08	8.47	6.99	6.44	10.23	15.19	28.89	33.53	33.75	35.77	35.43	30.85	256.62
1933	Critical	22.21	19.18	14.60	9.19	10.60	14.24	25.79	32.44	33.28	33.72	30.85	26.41	272.51
1934	Critical	15.57	11.77	8.78	7.59	8.43	12.12	24.55	29.93	30.65	30.65	5.30	1.47	186.81
1935	Below Normal	16.99	30.66	22.86	7.18	9.90	14.48	37.28	43.63	27.58	50.55	50.63	44.29	356.03
1936	Below Normal	33.89	30.06	23.42	11.26	14.01	44.29	37.99	42.76	43.76	44.01	45.63	40.82	411.90
1937	Below Normal	37.30	33.36	29.20	45.70	49.96	48.95	37.36	40.93	41.91	42.32	43.93	38.90	489.82
1938	Wet	35.13	31.38	27.29	51.48	49.73	55.68	34.64	40.45	41.48	40.47	43.90	36.81	488.44
1939	Dry	32.84	29.18	26.03	51.67	49.91	58.87	42.01	42.02	19.22	49.73	36.77	48.34	486.59
1940	Above Normal	38.34	23.10	37.71	7.15	8.47	19.75	37.05	44.02	37.54	48.84	49.03	42.79	393.79
1941	Wet	32.83	29.01	22.60	16.24	21.10	52.03	31.10	35.33	36.03	36.60	38.36	33.63	384.86
1942	Wet	29.76	26.44	22.58	51.50	49.73	58.63	45.46	37.72	38.59	38.96	40.66	36.08	476.11
1943	Wet	32.48	28.89	24.95	44.06	49.69	47.96	43.37	42.45	43.38	43.86	45.71	40.60	487.40
1944	Dry	36.83	32.87	28.57	37.72	35.10	22.50	29.24	34.25	34.40	36.34	35.66	30.99	394.47
1945	Below Normal	21.86	18.62	14.23	10.90	11.90	53.50	37.90	41.04	42.03	42.28	43.77	39.17	377.20
1946	Below Normal	35.66	31.85	36.99	46.86	35.20	38.17	38.85	38.87	39.66	39.97	41.62	37.19	460.89
1947	Dry	33.66	30.03	26.10	44.74	43.66	28.32	40.31	43.28	43.89	45.57	46.26	40.91	466.73
1948	Below Normal	34.03	30.26	24.92	26.36	25.03	16.59	24.61	31.19	3.83	50.83	50.75	44.45	362.85
1949	Dry	34.06	30.19	23.54	11.93	12.65	16.22	40.35	42.70	43.49	44.94	45.67	40.45	386.19
1950	Below Normal	34.01	30.28	25.13	11.15	11.43	13.79	34.00	39.27	1.57	50.63	50.35	43.86	345.47
1951	Above Normal	33.52	29.51	27.65	51.20	45.58	54.56	35.17	40.11	41.03	41.23	42.94	38.39	480.89
1952	Wet	34.86	31.10	27.06	51.45	51.19	37.68	32.65	34.07	34.59	35.36	37.31	32.46	439.78
1953	Wet	28.48	25.23	37.64	51.53	49.74	58.68	47.66	37.90	38.00	39.33	40.48	35.83	490.50
1954	Above Normal	30.47	26.98	22.47	33.55	33.67	33.00	37.37	43.38	42.38	44.84	47.78	41.70	437.59
1955	Dry	31.93	28.16	21.88	11.77	13.98	18.68	31.57	36.54	36.64	39.20	39.37	34.33	344.05
1956	Wet	25.75	22.57	17.35	43.16	46.89	55.45	40.27	43.74	44.85	45.10	47.01	41.97	474.11
1957	Above Normal	38.34	34.27	29.88	51.91	49.35	33.22	31.32	27.31	1.73	48.33	47.93	41.85	435.44
1958	Wet	31.75	27.94	21.72	9.63	24.15	50.14	40.23	43.97	45.07	45.51	47.57	42.03	429.71
1959	Below Normal	38.20	34.05	29.56	51.89	50.07	53.96	35.78	41.28	21.41	48.80	48.85	42.72	496.57
1960	Dry	32.72	28.91	22.47	10.55	10.83	14.38	39.77	45.68	32.53	52.04	39.44	49.80	379.12
1961	Dry	39.09	34.76	27.44	13.88	14.57	14.28	33.77	38.96	39.38	41.96	35.69	24.01	357.79
1962	Below Normal	6.82	34.08	37.63	5.97	7.00	18.17	34.23	39.85	2.02	51.33	51.13	44.59	332.82
1963	Wet	34.11	30.08	23.51	21.28	24.77	33.18	38.27	38.55	39.31	39.59	41.25	36.88	400.78
1964	Dry	33.39	29.75	37.73	39.51	25.75	27.24	41.00	40.06	40.98	41.23	42.81	38.26	437.71
1965	Wet	34.84	31.06	27.12	41.60	43.91	36.05	37.65	37.42	36.92	38.80	40.22	35.83	441.42
1966	Below Normal	31.89	28.34	24.33	46.55	48.38	37.24	36.16	41.25	39.06	44.70	45.47	39.62	462.99
1967	Wet	30.88	27.17	21.30	13.38	27.21	34.66	41.01	40.99	41.91	42.35	44.13	39.19	404.18
1968	Below Normal	35.49	31.63	29.28	51.47	51.47	55.24	40.65	38.93	39.51	41.20	42.19	37.07	494.13
1969	Wet	30.38	26.81	21.75	37.08	49.45	56.03	34.85	38.65	39.49	40.03	42.11	37.01	453.64
1970	Wet	35.70	26.79	25.25	51.53	49.75	56.94	37.30	40.04	40.98	41.18	42.85	38.29	486.60
1971	Wet	34.80	31.02	27.01	51.45	49.66	42.56	34.78	40.90	40.85	44.15	44.74	38.90	480.82
1972	Below Normal	29.71	26.11	20.22	11.06	21.42	30.54	37.17	41.88	42.36	44.76	45.37	39.66	390.26
1973	Above Normal	31.32	27.64	21.89	16.39	31.08	41.17	36.88	41.30	42.33	42.41	44.05	39.38	415.84
1974	Wet	35.89	32.04	27.99	51.45	49.70	53.47	41.70	40.58	41.64	41.86	43.71	38.86	498.89
1975	Wet	35.19	31.31	27.13	51.70	50.00	49.84	41.15	40.35	41.33	41.43	42.92	38.46	490.81
1976	Critical	34.92	31.19	27.27	44.03	43.30	27.97	35.26	41.02	18.90	48.82	36.63	46.55	435.86
1977	Critical	35.79	31.75	24.72	10.42	10.77	11.21	10.65	2.53	1.65	2.09	1.86	1.49	144.93
1978	Above Normal	0.63	8.63	26.70	5.92	10.51	28.30	37.66	37.17	37.97	38.17	39.55	35.26	306.47
1979	Below Normal	31.84	28.30	24.61	43.50	48.08	42.11	35.55	39.24	40.19	40.36	41.89	37.32	452.99
1980	Above Normal	33.70	30.02	26.14	46.19	51.43	56.01	34.23	37.95	38.78	39.41	41.38	36.30	471.54
1981	Dry	32.40	28.84	24.71	50.63	50.08	37.29	34.40	40.58	8.91	50.50	46.42	45.39	450.15
1982	Wet	34.75	30.83	23.97	19.93	23.79	56.64	41.71	41.13	43.44	43.85	45.91	40.48	446.43
1983	Wet	39.27	35.25	53.93	51.53	49.74	55.99	29.27	30.93	36.30	36.78	31.00	30.68	480.67
1984	Wet	31.24	28.15	54.12	51.54	51.51	56.15	35.50	40.62	41.44	41.79	43.49	38.93	514.48
1985	Dry	35.35	31.59	37.60	45.68	46.71	43.49	38.36	38.32	39.28	39.41	40.86	36.52	473.17
1986	Wet	33.07	29.51	25.69	42.34	39.63	58.08	38.38	41.68	42.74	43.08	45.07	39.81	479.08
1987	Dry	36.04	32.24	27.92	51.94	49.68	27.89	25.30	30.98	31.86	31.66	28.32	24.14	397.97
1988	Critical	13.16	9.41	7.65	6.28	9.25	10.43	17.72	21.01	21.24	21.40	19.02	16.17	172.74
1989	Dry	7.98	5.87	4.97	4.08	8.01	10.38	38.72	45.58	34.89	51.49	47.66	46.40	306.03
1990	Critical	35.79	31.71	24.72	10.92	11.73	13.08	22.31	27.00	27.66	27.65	24.62	20.96	278.15
1991	Critical	11.03	7.80	6.54	5.57	7.73	10.16	17.98	20.45	13.02	24.72	21.80	18.71	165.51
1992	Critical	9.33	6.37	5.74	4.75	7.36	9.77	17.77	21.08	21.25	1.91	1.80	16.86	123.99
1993	Above Normal	22.31	2.22	26.58	6.38	19.22	28.96	37.74	39.83	27.87	44.19	45.27	40.07	340.64
1994	Critical	33.90	30.14	25.03	31.07	29.75	24.01	32.26	37.18	31.57	41.23	13.47	36.88	366.49
1995	Wet	8.24	24.43	45.83	5.91	16.76	25.67	43.70	43.04	44.09	44.48	46.34	41.17	389.66
1996	Wet	37.46	33.45	29.16	48.11	49.39	44.16	41.73	40.80	41.75	42.00	43.65	38.98	490.64
1997	Wet	35.46	31.67	27.64	51.45	49.69	58.24	36.97	38.62	39.41	39.81	41.63	36.87	487.46
1998	Wet	33.11	29.48	25.42	51.00	49.71	51.65	37.85	39.16	40.10	40.80	42.77	37.44	478.49
1999	Wet	35.23	35.17	32.51	51.52	49.73	53.11	39.36	40.12	40.95	41.38	43.13	38.53	500.74
2000	Above Normal	35.00	31.25	27.20	46.94	45.30	35.77	38.27	43.29	43.71	46.43	46.89	41.06	481.11
2001	Dry	32.43	28.72	22.82	17.01	16.57	15.25	25.52	31.46	32.31	32.40	28.94	24.63	308.06
2002	Dry	13.37	9.64	7.77	5.32	11.59	19.13	41.73	40.66	41.50	41.88	43.30	38.80	314.69
2003	Above Normal	35.31	21.36	37.71	7.28	12.18	19.00	32.25	37.29	4.69	47.16	46.99	41.10	342.32
	Average	29.77	26.54	24.90	29.14	30.70	34.17	34.53	37.41	33.96	40.15	39.37	35.70	396.34
	Wet	32.21	29.24	28.41	39.30	41.64	48.99	38.76	39.63	40.64	41.18	42.68	37.88	460.57
	Above Normal	32.87	26.33	29.23	27.25	30.70	33.90	36.48	39.18	33.18	43.47	44.62	39.38	416.58
	Below Normal	30.01	29.75	26.25	30.09	30.97	36.91	35.93	40.02	30.38	45.33	46.10	40.56	422.29
	Dry	27.38	23.90	21.07	23.51	23.79	23.54	34.36	38.85	34.94	42.04	39.68	36.64	369.71
	Critical	24.69	21.10	17.13	16.37	17.00	15.09	22.07	25.63	22.95	25.71	18.61	20.23	246.58

Energy Use (GWh) At Pumping Plant at Buena Vista: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	59.76	49.11	38.98	13.79	18.04	30.09	39.37	39.13	41.76	42.15	44.01	39.10	455.29
1923	Below Normal	35.28	31.58	27.47	51.50	49.72	58.46	46.58	20.09	3.15	54.19	55.12	48.67	481.81
1924	Critical	40.79	36.38	30.19	27.36	24.97	18.26	23.05	28.11	19.57	1.96	1.78	1.47	253.89
1925	Dry	24.26	33.27	43.84	8.73	9.94	14.43	32.10	37.04	37.95	40.48	40.53	35.43	358.00
1926	Dry	26.75	23.59	18.30	12.28	12.46	18.56	26.95	40.73	39.58	44.52	44.70	39.03	347.45
1927	Wet	23.36	29.80	23.19	11.32	15.42	35.29	40.43	40.13	42.72	42.95	44.42	39.91	388.94
1928	Above Normal	36.44	32.72	28.81	45.83	43.02	26.15	40.58	42.93	24.50	50.01	50.86	45.32	467.17
1929	Critical	38.78	34.81	29.30	31.10	28.33	18.42	19.11	23.13	23.45	19.45	1.81	3.80	271.49
1930	Dry	12.70	10.26	32.58	7.13	8.72	12.27	27.79	33.16	30.86	35.51	33.36	28.77	273.11
1931	Critical	18.24	14.62	10.99	8.59	9.70	11.91	23.20	28.25	28.83	28.91	19.69	1.44	204.37
1932	Dry	10.47	18.31	22.62	7.63	10.37	15.61	28.89	33.52	35.42	37.44	37.12	32.54	289.94
1933	Critical	23.92	20.89	16.30	11.03	10.64	14.78	26.50	32.92	34.08	34.94	32.72	28.20	286.92
1934	Critical	15.10	11.45	16.11	8.57	8.78	11.72	23.47	28.51	29.13	29.16	1.80	1.47	185.27
1935	Below Normal	25.73	25.25	18.80	7.08	9.93	14.65	38.14	44.70	34.92	52.38	52.50	46.10	370.18
1936	Below Normal	35.73	31.80	25.13	12.89	13.99	41.95	38.04	42.80	45.48	45.73	47.36	42.54	423.44
1937	Below Normal	39.02	35.08	30.92	45.69	49.96	54.60	36.78	40.38	43.01	43.43	45.04	40.04	503.95
1938	Wet	36.25	32.55	26.81	51.48	49.73	54.66	35.46	38.14	39.15	41.28	43.25	38.12	486.88
1939	Dry	34.14	30.52	27.39	53.42	49.98	58.13	38.62	42.58	24.24	51.15	37.73	49.78	497.68
1940	Above Normal	39.94	17.42	43.38	7.35	7.34	19.40	37.03	44.00	39.06	50.49	50.68	44.44	400.53
1941	Wet	34.48	30.66	23.87	16.25	21.10	50.26	31.10	35.33	37.71	38.28	40.05	35.31	394.40
1942	Wet	31.44	28.12	23.35	51.50	49.73	58.42	45.49	37.59	40.14	40.50	42.18	37.64	486.10
1943	Wet	34.06	30.47	26.56	44.62	49.69	48.79	44.22	42.42	45.01	45.48	47.31	42.24	500.87
1944	Dry	38.49	34.54	30.26	34.56	30.75	21.01	29.16	34.20	35.61	37.50	36.76	32.10	394.94
1945	Below Normal	22.90	19.64	15.30	12.08	11.87	49.14	37.96	41.09	43.77	44.02	45.51	40.90	384.18
1946	Below Normal	37.39	33.58	38.95	48.54	35.20	38.30	39.01	39.03	41.52	41.82	43.49	39.03	475.86
1947	Dry	35.51	31.86	27.92	46.70	43.72	28.27	40.27	43.39	45.05	46.79	47.46	42.07	479.01
1948	Below Normal	35.05	31.28	25.89	26.78	24.47	16.38	24.64	31.96	3.73	50.88	50.81	44.49	366.36
1949	Dry	34.09	30.20	23.56	11.92	12.66	16.19	40.35	42.74	43.55	45.02	45.74	40.51	386.53
1950	Below Normal	34.03	30.30	25.14	10.83	11.11	13.69	34.00	39.27	2.57	51.62	51.34	44.85	348.75
1951	Above Normal	34.51	30.50	27.24	51.20	45.58	54.56	35.17	40.11	42.71	42.91	44.62	40.07	489.18
1952	Wet	36.54	32.78	28.74	53.13	51.19	37.68	32.64	32.75	33.20	35.56	37.27	32.83	444.31
1953	Wet	29.00	25.82	40.85	53.17	49.71	54.48	39.70	37.20	39.34	40.48	41.67	37.15	488.57
1954	Above Normal	32.18	28.71	24.37	37.18	35.57	34.39	37.62	43.70	44.67	45.36	48.69	42.58	455.02
1955	Dry	32.79	29.00	22.70	12.60	13.99	18.63	31.34	36.26	36.61	39.14	39.31	34.32	346.69
1956	Wet	25.78	22.62	17.44	37.21	46.90	55.46	40.29	43.77	46.56	46.81	48.72	43.68	475.24
1957	Above Normal	40.05	35.98	31.58	53.59	49.34	33.20	31.34	27.43	3.32	49.93	49.52	43.44	448.72
1958	Wet	33.34	29.54	23.31	11.22	24.15	50.09	40.23	43.97	46.75	47.20	49.25	43.71	442.76
1959	Below Normal	39.88	35.73	31.24	53.59	50.07	52.87	34.94	40.26	15.80	50.12	50.06	43.98	498.54
1960	Dry	33.93	30.14	23.67	11.59	10.69	14.45	39.82	45.58	33.98	51.58	40.62	48.87	384.92
1961	Dry	38.52	34.21	27.06	14.55	15.17	14.52	33.84	39.04	39.47	42.05	36.15	23.98	358.56
1962	Below Normal	6.79	34.08	37.61	5.97	7.00	18.17	34.23	39.85	3.65	52.96	52.76	46.22	339.29
1963	Wet	35.74	31.71	25.14	22.91	24.77	33.18	38.27	38.54	40.99	41.27	42.93	38.56	414.01
1964	Dry	35.07	31.43	39.41	41.19	25.73	27.33	40.98	40.04	40.99	41.23	42.81	38.27	444.48
1965	Wet	34.85	31.07	27.13	41.77	44.00	35.82	37.67	37.50	38.01	40.70	42.11	37.69	448.32
1966	Below Normal	33.70	30.14	26.09	47.97	48.12	37.12	36.16	41.26	40.42	46.02	46.79	40.94	474.73
1967	Wet	32.20	28.49	22.62	14.64	27.18	34.65	41.02	40.95	41.87	43.98	45.76	40.83	414.19
1968	Below Normal	37.14	32.30	29.11	53.15	51.46	55.42	40.77	39.61	41.62	43.66	44.56	39.20	508.00
1969	Wet	31.76	28.16	22.82	28.16	49.52	56.02	34.64	38.45	39.28	41.50	43.57	38.49	452.37
1970	Wet	37.18	28.28	26.76	51.53	49.75	56.80	36.33	40.19	42.81	43.01	44.69	40.11	497.44
1971	Wet	36.62	32.83	28.80	53.13	49.66	42.63	34.70	40.80	41.44	45.40	45.97	40.14	492.12
1972	Below Normal	30.95	27.35	21.46	12.33	21.45	30.54	37.16	41.85	42.36	44.75	45.37	39.67	395.24
1973	Above Normal	31.34	27.66	21.91	16.47	31.13	41.27	36.81	41.31	44.01	44.10	45.73	41.07	422.81
1974	Wet	37.58	33.72	29.67	53.14	49.70	50.93	43.98	40.23	42.95	43.15	44.95	40.21	510.21
1975	Wet	36.58	32.74	28.61	52.49	49.63	48.08	41.54	40.74	43.42	43.52	45.03	40.52	502.90
1976	Critical	36.98	33.22	29.26	46.14	43.62	28.03	35.07	40.80	18.72	48.57	36.77	46.21	443.39
1977	Critical	35.50	31.48	24.50	10.39	10.74	11.20	11.72	2.53	1.67	2.09	1.84	1.49	145.15
1978	Above Normal	0.63	8.48	26.80	5.92	10.52	27.62	37.61	38.56	40.97	41.79	42.91	38.24	320.05
1979	Below Normal	33.50	29.89	25.60	37.98	35.37	40.93	40.14	39.51	42.15	42.31	43.82	39.28	450.48
1980	Above Normal	35.70	31.99	28.12	44.32	51.43	58.22	32.50	36.54	38.98	39.56	41.33	36.55	475.24
1981	Dry	32.75	29.28	25.35	53.35	50.01	41.85	35.18	41.58	17.24	51.89	46.33	47.36	472.17
1982	Wet	36.68	32.70	25.80	21.60	23.93	56.65	41.72	41.14	45.12	45.54	47.60	42.17	460.65
1983	Wet	38.30	37.92	53.94	51.53	49.74	55.99	29.27	30.93	36.30	36.78	32.68	32.36	485.74
1984	Wet	31.24	28.15	54.12	51.54	51.51	56.15	35.50	40.62	43.12	43.47	45.18	40.61	521.21
1985	Dry	37.04	33.27	39.28	47.36	46.71	43.49	38.36	38.32	40.51	40.65	42.09	37.75	484.83
1986	Wet	34.30	30.74	26.92	43.58	39.63	44.95	41.37	41.70	44.44	44.78	46.78	41.51	480.70
1987	Dry	37.74	33.93	29.62	53.62	49.68	27.90	24.50	29.91	30.76	30.57	27.35	23.32	398.90
1988	Critical	12.64	9.01	7.41	6.17	9.17	10.40	17.72	21.01	21.25	21.40	19.02	16.17	171.37
1989	Dry	7.99	5.87	4.97	4.07	8.00	10.36	38.68	45.54	34.64	51.49	46.31	46.82	304.74
1990	Critical	36.13	32.02	24.96	10.92	11.73	13.08	22.32	27.01	27.66	27.66	24.62	20.97	279.08
1991	Critical	11.03	7.80	6.54	5.57	7.73	10.16	17.98	20.02	13.02	24.84	21.89	18.79	165.37
1992	Critical	9.37	5.97	6.03	4.92	7.36	9.77	17.77	21.08	21.24	1.91	1.80	16.75	123.97
1993	Above Normal	22.20	2.04	26.98	6.38	19.20	28.87	37.74	39.88	29.11	46.03	47.10	41.88	347.41
1994	Critical	35.66	31.90	26.76	32.54	29.56	23.93	32.26	37.18	31.65	41.24	13.49	36.86	373.03
1995	Wet	8.23	24.42	45.84	5.92	16.76	25.66	43.70	43.04	45.77	46.16	48.02	42.85	396.37
1996	Wet	39.14	35.14	30.84	26.96	30.39	35.57	40.89	39.95	42.53	42.77	44.40	39.85	448.43
1997	Wet	36.35	32.64	28.67	51.44	49.68	58.30	37.16	38.72	41.19	41.58	43.40	38.65	497.78
1998	Wet	34.89	31.25	27.19	52.96	49.71	51.61	37.82	37.65	38.47	39.08	42.53	37.67	480.83
1999	Wet	38.41	34.88	34.51	53.17	49.70	49.91	37.33	40.19	42.71	43.15	44.89	40.28	509.13
2000	Above Normal	36.75	33.00	28.93	48.81	45.54	35.49	38.20	43.51	45.49	48.33	48.75	42.84	495.64
2001	Dry	33.95	30.23	24.24	17.30	15.40	14.93	25.70	31.70	32.86	32.95	29.46	25.12	313.84
2002	Dry	13.79	10.04	8.13	5.63	11.62	19.11	41.61	40.54	41.39	41.77	43.19	38.70	315.52
2003	Above Normal	35.21	22.42	36.48	7.71	12.56	19.14	32.24	37.28	5.83	48.30	48.12	42.24	347.53
	Average	31.10	27.98	27.01	29.49	30.24	33.75	34.65	37.14	34.10	40.99	39.95	36.28	402.69
	Wet	33.24	30.66	29.75	38.71	40.88	47.62	38.56	39.33	41.58	42.48	44.02	39.35	466.17
	Above Normal	33.73	26.67	30.30	28.21	30.77	34.03	36.35	39.53	33.37	45.75	46.86	41.48	427.05
	Below Normal	31.94	30.57	27.05	30.46	29.98	37.30	37.04	38.69	28.87	47.42	48.18	42.57	430.06
	Dry	28.89	26.66	26.16	24.65	23.64	23.17	34.12	38.66	35.60	42.32	39.83	36.93	380.63
	Critical	26.18	22.46	19.03	16.94	16.86	15.14	22.51	25.88	22.52	23.51	14.77	16.14	241.94

Difference in Energy Use (GWh) At Pumping Plant at Buena Vista: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	4.13	0.20	0.19	0.87	1.36	3.16	3.27	3.55	3.04	1.65
1923	Below Normal	2.82	2.66	2.38	0.05	0.05	8.82	11.08	(20.07)	(37.24)	11.31	11.36	10.44	0.30
1924	Critical	10.53	9.74	9.07	9.69	7.53	3.08	2.74	3.64	(5.37)	(22.95)	(20.41)	(17.42)	(0.84)
1925	Dry	14.65	26.30	37.97	3.72	2.16	(10.29)	(1.17)	(6.40)	(5.89)	(6.30)	(6.49)	(5.59)	3.56
1926	Dry	(4.60)	(4.09)	(3.21)	1.42	0.05	0.98	1.06	3.04	1.60	4.05	4.01	3.56	0.66
1927	Wet	(3.41)	6.31	5.10	1.32	(0.72)	0.11	(0.80)	(0.93)	0.70	0.70	0.65	0.75	0.82
1928	Above Normal	0.76	0.84	0.93	1.45	(0.78)	(1.06)	(0.74)	2.25	(17.00)	8.22	7.74	6.70	0.78
1929	Critical	3.86	3.57	2.03	(9.51)	(9.54)	(2.85)	1.97	0.75	0.81	(3.29)	(18.47)	(12.99)	(3.64)
1930	Dry	3.91	3.85	27.17	2.67	(0.06)	0.02	(0.59)	(0.35)	(3.26)	0.16	(0.49)	(0.47)	2.71
1931	Critical	(1.15)	(1.38)	(1.12)	0.21	(0.07)	0.27	0.14	0.19	0.21	0.21	(5.86)	(20.08)	(2.37)
1932	Dry	(0.61)	9.84	15.63	1.19	0.14	0.42	0.00	(0.01)	1.67	1.67	1.69	1.69	2.78
1933	Critical	1.71	1.71	1.70	1.84	0.04	0.54	0.71	0.48	0.80	1.22	1.87	1.79	1.20
1934	Critical	(0.47)	(0.32)	7.33	0.98	0.35	(0.40)	(1.08)	(1.42)	(1.52)	(1.49)	(3.50)	0.00	(0.13)
1935	Below Normal	8.74	(5.41)	(4.06)	(0.10)	0.03	0.17	0.86	1.07	7.34	1.83	1.87	1.81	1.18
1936	Below Normal	1.84	1.74	1.71	1.63	(0.02)	(2.34)	0.05	0.04	1.72	1.72	1.73	1.72	0.96
1937	Below Normal	1.72	1.72	1.72	(0.01)	0.00	5.65	(0.58)	(0.55)	1.10	1.11	1.11	1.14	1.18
1938	Wet	1.12	1.17	(0.48)	0.00	0.00	(1.02)	0.82	(2.31)	(2.33)	0.81	(0.65)	1.31	(0.13)
1939	Dry	1.30	1.34	1.36	1.75	0.07	(0.74)	(3.39)	0.56	5.02	1.42	0.96	1.44	0.92
1940	Above Normal	1.60	(5.68)	5.67	0.20	(1.13)	(0.35)	(0.02)	(0.02)	1.52	1.65	1.65	1.65	0.56
1941	Wet	1.65	1.65	1.27	0.01	0.00	(1.77)	0.00	0.00	1.68	1.68	1.69	1.68	0.79
1942	Wet	1.68	1.68	0.77	0.00	0.00	(0.21)	0.03	(0.13)	1.55	1.54	1.52	1.56	0.83
1943	Wet	1.58	1.58	1.61	0.56	0.00	0.83	0.85	(0.03)	1.63	1.62	1.60	1.64	1.12
1944	Dry	1.66	1.67	1.69	(3.16)	(4.35)	(1.49)	(0.08)	(0.05)	1.21	1.16	1.10	1.11	0.04
1945	Below Normal	1.04	1.02	1.07	1.18	(0.03)	(4.36)	0.06	0.05	1.74	1.74	1.74	1.73	0.58
1946	Below Normal	1.73	1.73	1.96	1.68	0.00	0.13	0.16	0.16	1.86	1.85	1.87	1.84	1.25
1947	Dry	1.85	1.83	1.82	1.96	0.06	(0.05)	(0.04)	0.11	1.16	1.22	1.20	1.16	1.02
1948	Below Normal	1.02	1.02	0.97	0.42	(0.56)	(0.21)	0.03	0.77	(0.10)	0.05	0.06	0.04	0.29
1949	Dry	0.03	0.01	0.02	(0.01)	0.01	(0.03)	0.00	0.04	0.06	0.08	0.07	0.06	0.03
1950	Below Normal	0.02	0.02	0.01	(0.32)	(0.32)	(0.10)	0.00	0.00	1.00	0.99	0.99	0.99	0.27
1951	Above Normal	0.99	0.99	(0.41)	0.00	0.00	0.00	0.00	0.00	1.68	1.68	1.68	1.68	0.69
1952	Wet	1.68	1.68	1.68	1.68	0.00	0.00	(0.01)	(1.32)	(1.39)	0.20	(0.04)	0.37	0.38
1953	Wet	0.52	0.59	3.21	1.64	(0.03)	(4.20)	(7.96)	(0.70)	1.34	1.15	1.19	1.32	(0.16)
1954	Above Normal	1.71	1.73	1.90	3.63	1.90	1.39	0.25	0.32	2.29	0.52	0.91	0.88	1.45
1955	Dry	0.86	0.84	0.82	0.83	0.01	(0.05)	(0.23)	(0.28)	(0.03)	(0.06)	(0.06)	(0.01)	0.22
1956	Wet	0.03	0.05	0.09	(5.95)	0.01	0.01	0.02	0.03	1.71	1.71	1.71	1.71	0.09
1957	Above Normal	1.71	1.71	1.70	1.68	(0.01)	(0.02)	0.02	0.12	1.59	1.60	1.59	1.59	1.11
1958	Wet	1.59	1.60	1.59	1.59	0.00	(0.05)	0.00	0.00	1.68	1.69	1.68	1.68	1.09
1959	Below Normal	1.68	1.68	1.68	1.70	0.00	(1.09)	(0.84)	(1.02)	(5.61)	1.32	1.21	1.26	0.16
1960	Dry	1.21	1.23	1.20	1.04	(0.14)	0.07	0.05	(0.10)	1.45	(0.46)	1.18	(0.93)	0.48
1961	Dry	(0.57)	(0.55)	(0.38)	0.67	0.60	0.24	0.07	0.08	0.09	0.09	0.46	(0.03)	0.06
1962	Below Normal	(0.03)	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	1.63	1.63	1.63	1.63	0.54
1963	Wet	1.63	1.63	1.63	1.63	0.00	0.00	0.00	(0.01)	1.68	1.68	1.68	1.68	1.10
1964	Dry	1.68	1.68	1.68	1.68	(0.02)	0.09	(0.02)	(0.02)	0.01	0.00	0.00	0.01	0.56
1965	Wet	0.01	0.01	0.01	0.17	0.09	(0.23)	0.02	0.08	1.09	1.90	1.89	1.86	0.58
1966	Below Normal	1.81	1.80	1.76	1.42	(0.26)	(0.12)	0.00	0.01	1.36	1.32	1.32	1.32	0.98
1967	Wet	1.32	1.32	1.32	1.26	(0.03)	(0.01)	0.01	(0.04)	(0.04)	1.63	1.63	1.64	0.83
1968	Below Normal	1.65	0.67	(0.17)	1.68	(0.01)	0.18	0.12	0.68	2.11	2.46	2.37	2.13	1.16
1969	Wet	1.38	1.35	1.07	(8.92)	0.07	(0.01)	(0.21)	(0.20)	(0.21)	1.47	1.46	1.48	(0.11)
1970	Wet	1.48	1.49	1.51	0.00	0.00	(0.14)	(0.97)	0.15	1.83	1.83	1.84	1.82	0.90
1971	Wet	1.82	1.81	1.79	1.68	0.00	0.07	(0.08)	(0.10)	0.59	1.25	1.23	1.24	0.94
1972	Below Normal	1.24	1.24	1.24	1.27	0.03	0.00	(0.01)	(0.03)	0.00	(0.01)	0.00	0.01	0.42
1973	Above Normal	0.02	0.02	0.02	0.08	0.05	0.10	(0.07)	0.01	1.68	1.69	1.68	1.69	0.58
1974	Wet	1.69	1.68	1.68	1.69	0.00	(2.54)	2.28	(0.35)	1.31	1.29	1.24	1.35	0.94
1975	Wet	1.39	1.43	1.48	0.79	(0.37)	(1.76)	0.39	0.39	2.09	2.09	2.11	2.06	1.01
1976	Critical	2.06	2.03	1.99	2.11	0.32	0.06	(0.19)	(0.22)	(0.18)	(0.25)	0.14	(0.34)	0.63
1977	Critical	(0.29)	(0.27)	(0.22)	(0.03)	(0.03)	(0.01)	1.07	0.00	0.02	0.00	(0.02)	0.00	0.02
1978	Above Normal	0.00	(0.15)	0.10	0.00	0.01	(0.68)	(0.05)	1.39	3.00	3.62	3.36	2.98	1.13
1979	Below Normal	1.66	1.59	0.99	(5.52)	(12.71)	(1.18)	4.59	0.27	1.96	1.95	1.93	1.96	(0.21)
1980	Above Normal	2.00	1.97	1.98	(1.87)	0.00	2.21	(1.73)	(1.41)	0.20	0.15	(0.05)	0.25	0.31
1981	Dry	0.35	0.44	0.64	2.72	(0.07)	4.56	0.78	1.00	8.33	1.39	(0.09)	1.97	1.84
1982	Wet	1.93	1.87	1.83	1.67	0.14	0.01	0.01	0.01	1.68	1.69	1.69	1.69	1.19
1983	Wet	(0.97)	2.67	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.68	1.68	0.42
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.68	1.68	1.69	1.68	0.56
1985	Dry	1.69	1.68	1.68	1.68	0.00	0.00	0.00	0.00	1.23	1.24	1.23	1.23	0.97
1986	Wet	1.23	1.23	1.23	1.24	0.00	(13.13)	2.99	0.02	1.70	1.70	1.71	1.70	0.13
1987	Dry	1.70	1.69	1.70	1.68	0.00	0.01	(0.80)	(1.07)	(1.10)	(1.09)	(0.97)	(0.82)	0.08
1988	Critical	(0.52)	(0.40)	(0.24)	(0.11)	(0.08)	(0.03)	0.00	0.00	0.01	0.00	0.00	0.00	(0.11)
1989	Dry	0.01	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.04)	(0.04)	(0.25)	0.00	(1.35)	0.42	(0.11)
1990	Critical	0.34	0.31	0.24	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.01	0.08
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.43)	0.00	0.12	0.09	0.08	(0.01)
1992	Critical	0.04	(0.40)	0.29	0.17	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.11)	0.00
1993	Above Normal	(0.11)	(0.18)	0.40	0.00	(0.02)	(0.09)	0.00	0.05	1.24	1.84	1.83	1.81	0.56
1994	Critical	1.76	1.76	1.73	1.47	(0.19)	(0.08)	0.00	0.00	0.08	0.01	0.02	(0.02)	0.54
1995	Wet	(0.01)	(0.01)	0.01	0.01	0.00	(0.01)	0.00	0.00	1.68	1.68	1.68	1.68	0.56
1996	Wet	1.68	1.69	1.68	(21.15)	(19.00)	(8.59)	(0.84)	(0.85)	0.78	0.77	0.75	0.87	(3.52)
1997	Wet	0.89	0.97	1.03	(0.01)	(0.01)	0.06	0.19	0.10	1.78	1.77	1.77	1.78	0.86
1998	Wet	1.78	1.77	1.77	1.96	0.00	(0.04)	(0.03)	(1.51)	(1.63)	(1.72)	(0.24)	0.23	0.20
1999	Wet	3.18	(0.29)	2.00	1.65	(0.03)	(3.20)	(2.03)	0.07	1.76	1.77	1.76	1.75	0.70
2000	Above Normal	1.75	1.75	1.73	1.87	0.24	(0.28)	(0.07)	0.22	1.78	1.90	1.86	1.78	1.21
2001	Dry	1.52	1.51	1.42	0.29	(1.17)	(0.32)	0.18	0.24	0.55	0.55	0.52	0.49	0.48
2002	Dry	0.42	0.40	0.36	0.31	0.03	(0.02)	(0.12)	(0.12)	(0.11)	(0.11)	(0.11)	(0.10)	0.07
2003	Above Normal	(0.10)	1.06	(1.23)	0.43	0.38	0.14	(0.01)	(0.01)	1.14	1.14	1.13	1.14	0.43
	Average	1.33	1.45	2.11	0.35	(0.45)	(0.42)	0.12	(0.27)	0.15	0.84	0.58	0.58	0.53
	Wet	1.03	1.42	1.34	(0.60)	(0.76)	(1.38)	(0.20)	(0.29)	0.94	1.29	1.34	1.47	0.47
	Above Normal	0.86	0.34	1.07	0.97	0.07	0.13	(0.13)	0.36	0.19	2.27	2.24	2.10	0.87
	Below Normal	1.92	0.82	0.80	0.36	(0.99)	0.40	1.11	(1.33)	(1.51)	2.09	2.09	2.00	0.65
	Dry	1.50	2.76	5.09	1.14	(0.15)	(0.37)	(0.24)	(0.19)	0.65	0.28	0.16	0.29	0.91
	Critical	1.49	1.36	1.90	0.57	(0.14)	0.05	0.45	0.25	(0.43)	(2.20)	(3.85)	(4.09)	(0.39)

Percent Difference in Energy Use (GWh) At Pumping Plant at Buena Vista: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	43%	1%	1%	2%	4%	8%	8%	9%	8%
1923	Below Normal	9%	9%	9%	0%	0%	18%	31%	-50%	-92%	26%	26%	27%
1924	Critical	35%	37%	43%	55%	43%	20%	13%	15%	-22%	-92%	-92%	-92%
1925	Dry	152%	377%	647%	74%	28%	-42%	-4%	-15%	-13%	-13%	-14%	-14%
1926	Dry	-15%	-15%	-15%	13%	0%	6%	4%	8%	4%	10%	10%	10%
1927	Wet	-13%	27%	28%	13%	-4%	0%	-2%	-2%	2%	2%	1%	2%
1928	Above Normal	2%	3%	3%	3%	-2%	-4%	-2%	6%	-41%	20%	18%	17%
1929	Critical	11%	11%	7%	-23%	-25%	-13%	11%	3%	4%	-14%	-91%	-77%
1930	Dry	44%	60%	502%	60%	-1%	0%	-2%	-1%	-10%	0%	-1%	-2%
1931	Critical	-6%	-9%	-9%	3%	-1%	2%	1%	1%	1%	1%	-23%	-93%
1932	Dry	-6%	116%	224%	18%	1%	3%	0%	0%	5%	5%	5%	5%
1933	Critical	8%	9%	12%	20%	0%	4%	3%	1%	2%	4%	6%	7%
1934	Critical	-3%	-3%	83%	13%	4%	-3%	-4%	-5%	-5%	-5%	-66%	0%
1935	Below Normal	51%	-18%	-18%	-1%	0%	1%	2%	2%	27%	4%	4%	4%
1936	Below Normal	5%	6%	7%	14%	0%	-5%	0%	0%	4%	4%	4%	4%
1937	Below Normal	5%	5%	6%	0%	0%	12%	-2%	-1%	3%	3%	3%	3%
1938	Wet	3%	4%	-2%	0%	0%	-2%	2%	-6%	-6%	2%	-1%	4%
1939	Dry	4%	5%	5%	3%	0%	-1%	-8%	1%	26%	3%	3%	3%
1940	Above Normal	4%	-25%	15%	3%	-13%	-2%	0%	0%	4%	3%	3%	4%
1941	Wet	5%	6%	6%	0%	0%	-3%	0%	0%	5%	5%	4%	5%
1942	Wet	6%	6%	3%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1943	Wet	5%	5%	6%	1%	0%	2%	2%	0%	4%	4%	4%	4%
1944	Dry	5%	5%	6%	-8%	-12%	-7%	0%	0%	4%	3%	3%	4%
1945	Below Normal	5%	5%	8%	11%	0%	-8%	0%	0%	4%	4%	4%	4%
1946	Below Normal	5%	5%	5%	4%	0%	0%	0%	0%	5%	5%	4%	5%
1947	Dry	5%	6%	7%	4%	0%	0%	0%	0%	3%	3%	3%	3%
1948	Below Normal	3%	3%	4%	2%	-2%	-1%	0%	2%	-3%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-3%	-3%	-1%	0%	0%	64%	2%	2%	2%
1951	Above Normal	3%	3%	-1%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1952	Wet	5%	5%	6%	3%	0%	0%	0%	-4%	-4%	1%	0%	1%
1953	Wet	2%	2%	9%	3%	0%	-7%	-17%	-2%	4%	3%	3%	4%
1954	Above Normal	6%	6%	8%	11%	6%	4%	1%	1%	5%	1%	2%	2%
1955	Dry	3%	3%	4%	7%	0%	0%	-1%	-1%	0%	0%	0%	0%
1956	Wet	0%	0%	1%	-14%	0%	0%	0%	0%	4%	4%	4%	4%
1957	Above Normal	4%	5%	6%	3%	0%	0%	0%	0%	92%	3%	3%	4%
1958	Wet	5%	6%	7%	17%	0%	0%	0%	0%	4%	4%	4%	4%
1959	Below Normal	4%	5%	6%	3%	0%	-2%	-2%	-2%	-26%	3%	2%	3%
1960	Dry	4%	4%	5%	10%	-1%	0%	0%	0%	4%	-1%	3%	-2%
1961	Dry	-1%	-2%	-1%	5%	4%	2%	0%	0%	0%	0%	1%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	81%	3%	3%	4%
1963	Wet	5%	5%	7%	8%	0%	0%	0%	0%	4%	4%	4%	5%
1964	Dry	5%	6%	4%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	3%	5%	5%	5%
1966	Below Normal	6%	6%	7%	3%	-1%	0%	0%	0%	3%	3%	3%	3%
1967	Wet	4%	5%	6%	9%	0%	0%	0%	0%	0%	4%	4%	4%
1968	Below Normal	5%	2%	-1%	3%	0%	0%	0%	2%	5%	6%	6%	6%
1969	Wet	5%	5%	5%	-24%	0%	0%	-1%	-1%	-1%	4%	3%	4%
1970	Wet	4%	6%	6%	0%	0%	0%	-3%	0%	4%	4%	4%	5%
1971	Wet	5%	6%	7%	3%	0%	0%	0%	0%	1%	3%	3%	3%
1972	Below Normal	4%	5%	6%	11%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1974	Wet	5%	5%	6%	3%	0%	-5%	5%	-1%	3%	3%	3%	3%
1975	Wet	4%	5%	5%	2%	-1%	-4%	1%	1%	5%	5%	5%	5%
1976	Critical	6%	7%	7%	5%	1%	0%	-1%	-1%	-1%	-1%	0%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	10%	0%	1%	0%	-1%	0%
1978	Above Normal	0%	-2%	0%	0%	0%	-2%	0%	4%	8%	9%	8%	8%
1979	Below Normal	5%	6%	4%	-13%	-26%	-3%	13%	1%	5%	5%	5%	5%
1980	Above Normal	6%	7%	8%	-4%	0%	4%	-5%	-4%	1%	0%	0%	1%
1981	Dry	1%	2%	3%	5%	0%	12%	2%	2%	93%	3%	0%	4%
1982	Wet	6%	6%	8%	8%	1%	0%	0%	0%	4%	4%	4%	4%
1983	Wet	-2%	8%	0%	0%	0%	0%	0%	0%	0%	0%	5%	5%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1985	Dry	5%	5%	4%	4%	0%	0%	0%	0%	3%	3%	3%	3%
1986	Wet	4%	4%	5%	3%	0%	-23%	8%	0%	4%	4%	4%	4%
1987	Dry	5%	5%	6%	3%	0%	0%	-3%	-3%	-3%	-3%	-3%	-3%
1988	Critical	-4%	-4%	-3%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	-3%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%
1992	Critical	0%	-6%	5%	4%	0%	0%	0%	0%	0%	0%	0%	-1%
1993	Above Normal	0%	-8%	2%	0%	0%	0%	0%	0%	4%	4%	4%	5%
1994	Critical	5%	6%	7%	5%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1996	Wet	4%	5%	6%	-44%	-38%	-19%	-2%	-2%	2%	2%	2%	2%
1997	Wet	3%	3%	4%	0%	0%	0%	1%	0%	5%	4%	4%	5%
1998	Wet	5%	6%	7%	4%	0%	0%	0%	-4%	-4%	-4%	-1%	1%
1999	Wet	9%	-1%	6%	3%	0%	-6%	-5%	0%	4%	4%	4%	5%
2000	Above Normal	5%	6%	6%	4%	1%	-1%	0%	1%	4%	4%	4%	4%
2001	Dry	5%	5%	6%	2%	-7%	-2%	1%	1%	2%	2%	2%	2%
2002	Dry	3%	4%	5%	6%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	5%	-3%	6%	3%	1%	0%	0%	24%	2%	2%	3%
	Average	6%	10%	22%	5%	-1%	-1%	1%	-1%	4%	1%	-1%	0%
	Wet	3%	5%	5%	0%	-2%	-3%	0%	-1%	2%	3%	3%	4%
	Above Normal	2%	0%	4%	6%	0%	0%	0%	1%	10%	5%	5%	5%
	Below Normal	8%	3%	3%	2%	-2%	1%	3%	-3%	6%	5%	5%	5%
	Dry	12%	33%	78%	12%	1%	-2%	-1%	0%	7%	1%	1%	1%
	Critical	4%	4%	13%	6%	2%	1%	3%	1%	-2%	-9%	-22%	-21%

Energy Use (GWh) At Pumping Plant at Chrisman: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	152.97	128.04	101.68	25.20	46.67	77.39	98.83	95.72	97.03	97.59	102.71	92.45	1,116.28
1923	Below Normal	83.76	75.66	65.69	134.85	130.07	129.38	89.85	100.42	99.66	106.05	109.66	97.08	1,222.13
1924	Critical	77.12	69.36	55.01	46.03	45.40	38.96	51.65	60.89	61.13	60.59	54.24	47.61	667.99
1925	Dry	23.99	17.86	15.14	12.97	20.21	63.55	84.02	108.84	108.44	116.01	118.01	104.27	793.31
1926	Dry	79.87	72.05	56.02	28.36	32.35	44.76	65.82	94.39	93.88	100.28	102.06	90.11	859.95
1927	Wet	68.12	61.10	47.06	26.06	41.93	91.34	106.12	104.47	106.14	106.56	111.52	100.66	971.08
1928	Above Normal	92.29	83.48	73.08	115.54	113.96	70.03	106.39	103.63	104.98	105.58	109.99	99.36	1,178.31
1929	Critical	90.36	81.83	71.48	105.52	98.37	54.85	43.59	55.71	55.48	55.32	49.58	42.25	804.34
1930	Dry	21.91	16.42	13.96	11.52	22.81	31.28	72.09	83.69	84.06	86.92	84.07	74.10	602.83
1931	Critical	49.08	41.48	31.43	21.86	25.43	29.77	58.65	69.87	70.20	69.90	62.50	54.27	584.44
1932	Dry	27.68	21.77	18.06	16.74	26.52	38.63	73.34	83.92	83.32	88.42	88.60	78.29	645.29
1933	Critical	56.41	49.84	37.94	23.98	27.60	36.42	65.56	80.85	81.76	82.40	75.90	66.78	685.44
1934	Critical	39.23	30.39	22.73	19.78	21.92	30.99	62.43	74.54	75.21	74.66	8.71	3.49	464.08
1935	Below Normal	41.62	79.88	59.70	18.70	25.75	36.88	94.59	109.28	65.43	125.89	127.46	112.86	898.04
1936	Below Normal	86.53	78.34	61.06	29.42	36.38	115.46	97.52	108.80	110.55	111.03	116.29	104.95	1,056.33
1937	Below Normal	96.49	87.39	76.55	118.75	130.07	127.04	95.47	103.58	105.19	106.06	111.39	99.63	1,257.61
1938	Wet	90.58	82.10	71.45	134.85	130.07	145.24	87.91	101.76	103.39	100.49	110.76	93.76	1,252.36
1939	Dry	84.28	76.22	68.07	134.85	130.07	153.36	107.15	105.24	43.62	123.98	91.10	123.70	1,241.64
1940	Above Normal	98.40	59.98	98.80	18.34	21.81	50.08	94.04	110.32	91.71	121.36	123.24	108.91	996.99
1941	Wet	83.74	75.55	58.88	42.54	55.22	135.69	79.01	88.88	89.75	91.07	96.78	85.78	982.89
1942	Wet	76.44	69.07	59.02	134.85	130.07	152.85	117.03	95.34	96.72	97.51	103.00	92.34	1,224.24
1943	Wet	83.69	75.55	65.31	114.74	130.07	124.81	111.13	107.30	108.70	109.76	115.81	103.93	1,250.80
1944	Dry	94.94	86.00	74.80	97.36	90.61	57.71	74.23	85.67	84.85	89.70	89.01	78.63	1,003.51
1945	Below Normal	55.48	48.35	36.97	28.44	30.98	139.77	97.27	104.39	106.15	106.63	111.51	100.68	966.62
1946	Below Normal	92.22	83.40	97.12	122.74	91.84	99.00	99.84	98.67	99.90	100.54	105.85	95.46	1,186.58
1947	Dry	86.95	78.62	68.38	116.43	113.43	72.78	103.09	109.31	109.76	114.01	117.00	104.60	1,194.36
1948	Below Normal	87.40	79.03	65.13	68.55	65.07	42.70	62.60	77.08	3.81	127.33	128.38	113.66	920.74
1949	Dry	87.26	78.74	61.44	31.15	32.96	41.33	103.30	107.95	108.90	112.55	115.59	103.48	984.65
1950	Below Normal	87.42	79.10	65.71	28.37	29.16	35.11	86.30	98.37	3.71	124.73	125.61	111.02	874.61
1951	Above Normal	85.04	76.71	72.08	134.85	119.87	142.47	90.10	101.82	103.36	103.71	109.20	98.55	1,237.76
1952	Wet	90.05	81.41	70.89	134.85	134.06	97.69	83.24	85.75	86.23	88.06	94.21	82.83	1,129.27
1953	Wet	73.16	65.91	98.81	134.85	130.07	153.16	122.76	95.56	94.78	98.11	102.21	91.49	1,260.87
1954	Above Normal	78.22	70.45	58.71	87.25	87.55	85.01	94.77	108.57	104.42	110.72	119.87	106.00	1,111.54
1955	Dry	81.34	73.30	56.97	30.72	36.30	47.53	80.13	91.55	90.57	97.15	98.75	87.22	871.53
1956	Wet	65.50	58.70	45.14	113.64	123.27	144.62	103.12	110.92	112.86	113.31	119.44	107.70	1,218.22
1957	Above Normal	99.02	89.73	78.28	134.85	128.24	85.45	79.49	67.20	4.14	119.34	119.78	106.06	1,111.58
1958	Wet	80.63	72.66	56.49	25.07	63.24	130.67	102.53	110.86	112.64	113.60	120.28	107.42	1,096.09
1959	Below Normal	98.34	89.04	77.36	134.85	130.07	140.06	90.76	103.31	49.45	121.56	123.02	108.89	1,266.71
1960	Dry	83.56	75.33	58.56	27.56	28.24	36.82	101.08	114.61	78.40	129.71	97.85	127.37	959.09
1961	Dry	100.24	90.74	71.66	36.19	37.94	36.63	85.71	97.57	97.37	103.99	88.67	59.72	906.43
1962	Below Normal	15.37	89.03	98.63	15.45	18.12	46.05	86.89	99.83	3.86	126.82	127.88	113.08	841.01
1963	Wet	86.70	78.25	61.18	55.86	64.90	86.07	98.34	97.84	99.00	99.57	104.90	94.67	1,027.28
1964	Dry	86.25	77.87	99.08	102.78	66.96	70.47	105.47	101.83	103.42	103.89	109.00	98.31	1,125.33
1965	Wet	90.08	81.33	71.06	108.83	114.88	93.28	96.70	94.90	92.71	97.52	102.20	91.90	1,135.39
1966	Below Normal	82.30	74.15	63.69	122.04	126.78	96.42	91.56	103.04	95.80	110.50	113.91	100.56	1,180.75
1967	Wet	78.63	70.71	55.46	34.88	71.27	89.83	105.21	103.70	105.16	106.10	111.90	100.37	1,033.22
1968	Below Normal	91.52	82.76	76.71	134.85	134.71	144.14	103.92	97.68	98.00	102.28	106.07	94.35	1,266.99
1969	Wet	77.68	69.91	56.75	97.34	130.07	146.28	88.93	97.68	98.95	100.18	106.70	94.71	1,165.18
1970	Wet	92.14	69.99	66.09	134.85	130.07	148.46	95.71	101.69	103.28	103.64	109.00	98.31	1,253.23
1971	Wet	89.90	81.21	70.76	134.85	130.07	109.97	88.02	102.07	100.47	108.99	111.90	98.63	1,226.84
1972	Below Normal	75.50	67.90	52.60	28.82	56.02	79.10	94.39	104.90	104.78	110.92	113.87	100.82	989.62
1973	Above Normal	79.88	71.99	57.04	42.71	81.45	107.09	94.60	104.99	106.81	106.84	112.14	101.18	1,066.72
1974	Wet	92.79	83.89	73.34	134.85	130.07	139.21	106.92	102.59	104.42	104.79	110.76	99.50	1,283.13
1975	Wet	90.70	81.91	71.02	134.85	130.07	129.82	105.92	102.66	104.40	104.50	109.36	98.87	1,264.08
1976	Critical	90.30	81.68	71.46	114.60	112.53	71.90	89.47	102.78	42.97	121.79	90.88	119.09	1,109.45
1977	Critical	91.75	82.85	64.53	27.19	28.06	28.75	26.49	6.33	3.94	5.03	4.50	3.55	372.97
1978	Above Normal	1.40	12.63	64.37	15.39	27.14	73.18	96.54	94.48	95.79	96.15	100.69	90.57	768.33
1979	Below Normal	82.27	74.07	64.46	113.03	125.22	109.59	91.06	99.48	101.11	101.38	106.38	95.70	1,163.75
1980	Above Normal	86.97	78.55	68.47	120.34	134.71	146.29	87.39	95.99	97.26	98.73	104.93	92.95	1,212.58
1981	Dry	83.50	75.42	64.67	131.62	130.07	95.81	87.33	101.67	16.69	126.32	116.82	116.06	1,145.98
1982	Wet	89.02	80.42	62.54	52.31	62.31	147.79	106.44	103.39	108.34	109.22	115.88	103.34	1,141.00
1983	Wet	101.18	92.24	141.73	134.85	130.07	146.27	74.33	77.50	90.77	91.86	77.58	78.14	1,236.52
1984	Wet	80.45	73.62	142.34	134.85	134.71	146.67	90.97	103.16	104.44	105.19	110.66	99.97	1,327.03
1985	Dry	91.35	82.70	98.71	119.62	121.50	113.20	98.68	97.42	99.13	99.31	104.03	93.81	1,219.46
1986	Wet	85.48	77.26	67.30	110.01	102.93	151.53	98.34	105.80	107.69	108.39	114.67	102.20	1,231.60
1987	Dry	93.10	84.39	73.15	134.85	129.04	72.18	64.37	77.18	78.23	77.12	69.33	60.97	1,013.91
1988	Critical	33.06	24.23	19.80	16.33	24.05	26.68	45.08	52.26	52.00	52.01	46.43	40.71	432.64
1989	Dry	19.85	15.01	12.80	10.51	20.81	26.53	98.27	114.19	84.41	128.06	119.36	118.28	768.08
1990	Critical	91.43	82.65	64.44	28.53	30.60	33.55	56.75	67.22	67.83	67.31	60.20	52.88	703.39
1991	Critical	27.60	20.03	16.89	14.45	20.08	25.99	45.73	50.72	30.20	60.70	53.71	47.38	413.48
1992	Critical	23.38	16.33	14.83	12.29	19.11	24.95	45.21	52.46	52.04	4.55	4.35	38.68	308.18
1993	Above Normal	55.34	4.70	69.45	16.61	50.30	74.96	96.44	100.44	67.74	110.66	114.62	102.54	863.80
1994	Critical	87.18	78.77	65.45	80.83	77.34	61.48	81.86	93.11	77.03	102.36	30.25	93.88	929.54
1995	Wet	19.22	63.58	120.33	15.29	43.72	65.95	112.09	108.99	110.77	111.58	117.60	105.54	994.66
1996	Wet	96.66	87.56	76.37	125.65	128.96	114.85	107.31	103.66	105.27	105.74	111.07	100.13	1,263.23
1997	Wet	91.63	82.93	72.43	134.85	130.07	152.01	94.41	97.42	98.52	99.37	105.25	94.24	1,253.13
1998	Wet	85.22	77.07	66.52	132.72	130.07	134.46	96.78	98.29	99.66	101.28	107.71	95.39	1,225.17
1999	Wet	90.54	92.03	85.19	134.85	130.07	138.35	101.15	101.87	103.20	104.16	109.72	98.94	1,290.07
2000	Above Normal	90.43	81.83	71.26	121.99	117.85	92.00	97.34	108.76	108.48	115.50	118.00	104.58	1,228.02
2001	Dry	82.86	74.87	59.50	44.31	43.14	39.14	64.88	78.32	79.27	78.95	70.84	62.21	778.29
2002	Dry	33.56	24.82	20.12	13.75	29.97	48.56	107.58	103.69	105.10	105.93	110.57	99.90	803.55
2003	Above Normal	91.43	55.75	99.05	18.64	31.31	48.17	81.86	93.42	6.08	118.05	118.76	105.03	867.55
	Average	76.30	69.14	65.05	76.05	80.08	88.59	88.16	94.17	84.18	100.07	99.07	91.09	1,011.96
	Wet	82.69	76.38	74.36	102.81	108.94	127.57	99.25	100.16	101.86	103.10	108.11	96.95	1,182.18
	Above Normal	84.28	67.82	76.02	70.98	80.07	87.68	93.15	98.78	82.32	108.69	112.83	100.68	1,063.29
	Below Normal	76.87	77.72	68.67	78.49	80.73	95.76	91.57	100.63	74.81	112.98	116.23	103.48	1,077.96
	Dry	70.14	62.34	55.06	61.18	61.83	60.57	87.59	97.61	86.08	104.57	99.48	93.39	939.84
	Critical	63.08	54.95	44.67	42.62	44.21	38.69	56.04	63.90	55.82	63.05	45.10	50.88	623.00

Energy Use (GWh) At Pumping Plant at Chrisman: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	152.97	128.04	101.68	36.12	47.13	77.68	100.67	98.56	104.50	105.32	111.35	100.00	1,164.02
1923	Below Normal	90.87	82.60	71.89	134.85	130.07	152.61	119.56	47.92	7.90	134.54	138.56	123.92	1,235.29
1924	Critical	104.42	94.94	78.85	71.27	64.95	46.92	58.59	69.95	46.23	4.60	4.28	3.48	648.48
1925	Dry	54.18	84.82	113.92	22.74	25.86	36.81	81.44	92.75	93.88	100.38	101.71	90.04	898.53
1926	Dry	68.09	61.37	47.62	32.08	32.48	47.21	68.48	102.03	97.58	110.45	112.22	99.23	878.84
1927	Wet	58.93	77.69	60.49	29.55	40.01	91.65	104.07	102.09	108.10	108.53	113.32	102.71	997.14
1928	Above Normal	94.34	85.72	75.54	119.31	111.89	67.32	103.91	108.62	58.84	126.01	129.36	116.40	1,197.26
1929	Critical	100.07	91.09	76.72	80.92	73.63	47.40	48.59	57.54	57.44	46.44	4.37	5.90	690.11
1930	Dry	31.01	26.23	85.48	18.56	22.68	31.36	70.60	82.73	75.40	87.23	82.66	72.90	686.84
1931	Critical	46.14	37.88	28.51	22.39	25.26	30.49	59.01	70.33	70.70	70.38	46.99	3.42	511.50
1932	Dry	24.59	47.32	59.07	19.87	26.89	39.73	73.34	83.89	87.73	92.85	93.07	82.75	731.10
1933	Critical	60.91	54.35	42.44	28.83	27.72	37.77	67.36	82.13	83.90	85.73	80.94	71.44	723.52
1934	Critical	37.89	29.50	42.03	22.35	22.83	29.99	59.70	70.98	71.47	71.00	4.34	3.49	465.57
1935	Below Normal	61.70	64.72	48.44	18.43	25.83	37.28	96.77	111.97	84.63	130.55	132.27	117.55	930.14
1936	Below Normal	91.33	82.90	65.53	33.71	36.32	109.29	97.65	108.91	115.10	115.58	120.85	109.50	1,086.67
1937	Below Normal	101.04	91.93	81.08	118.69	130.07	141.54	93.93	102.11	108.10	109.00	114.31	102.63	1,294.43
1938	Wet	93.54	85.18	70.18	134.85	130.07	142.27	90.10	95.69	97.28	102.69	109.09	97.24	1,248.18
1939	Dry	87.74	79.76	71.67	139.29	130.07	151.23	98.26	106.81	57.00	127.88	93.74	127.56	1,271.01
1940	Above Normal	102.66	45.02	113.78	19.04	18.97	49.18	93.98	110.26	95.74	125.72	127.60	113.26	1,015.21
1941	Wet	88.10	79.91	62.24	42.57	55.21	131.04	79.00	88.88	94.19	95.51	101.22	90.21	1,008.08
1942	Wet	80.88	73.51	61.06	134.85	130.07	152.31	117.15	95.06	100.86	101.63	107.06	96.49	1,250.93
1943	Wet	87.87	79.75	69.56	116.19	130.07	127.05	113.43	107.28	113.11	114.14	120.09	108.29	1,286.83
1944	Dry	99.35	90.41	79.27	89.05	79.14	53.78	74.03	85.55	88.05	92.77	91.89	81.56	1,004.85
1945	Below Normal	58.24	51.06	39.79	31.56	30.90	128.27	97.42	104.53	110.73	111.21	116.09	105.25	985.05
1946	Below Normal	96.80	87.97	102.31	127.18	91.84	99.34	100.26	99.10	104.79	105.42	110.76	100.33	1,226.10
1947	Dry	91.82	83.45	73.17	121.59	113.60	72.66	102.96	109.56	112.75	117.16	120.10	107.62	1,226.44
1948	Below Normal	90.07	81.71	67.67	69.71	63.61	42.16	62.66	79.08	3.81	127.35	128.43	113.69	929.95
1949	Dry	87.29	78.78	61.47	31.13	32.98	41.25	103.28	108.03	109.05	112.74	115.77	103.64	985.41
1950	Below Normal	87.49	79.17	65.73	27.57	28.37	34.86	86.29	98.35	6.34	127.34	128.23	113.64	883.38
1951	Above Normal	87.66	79.33	71.01	134.85	119.87	142.47	90.10	101.82	107.80	108.14	113.64	102.99	1,259.68
1952	Wet	94.49	85.85	75.33	139.29	134.06	97.69	83.23	82.29	82.55	88.60	94.11	83.79	1,141.28
1953	Wet	74.53	67.47	107.30	139.29	130.07	142.10	101.75	93.89	98.56	101.40	105.57	95.11	1,257.04
1954	Above Normal	82.83	75.05	63.75	96.75	92.51	88.71	95.39	109.36	110.39	112.03	122.21	108.27	1,157.25
1955	Dry	83.58	75.52	59.14	32.92	36.33	47.40	79.54	90.84	90.52	97.06	98.64	87.20	878.69
1956	Wet	65.60	58.84	45.38	97.92	123.29	144.65	103.20	110.99	117.38	117.82	123.96	112.21	1,221.24
1957	Above Normal	103.53	94.23	82.78	139.29	128.21	85.40	79.53	67.50	8.34	123.55	123.99	110.27	1,146.62
1958	Wet	84.84	76.87	60.70	29.27	63.25	130.55	102.53	110.86	117.08	118.03	124.72	111.85	1,130.55
1959	Below Normal	102.78	93.48	81.80	139.29	130.07	137.06	88.65	100.80	34.83	125.28	126.40	112.33	1,272.77
1960	Dry	86.85	78.60	61.74	30.29	27.87	37.01	101.24	114.40	82.29	128.57	101.02	124.93	974.81
1961	Dry	98.76	89.29	70.65	37.94	39.51	37.24	85.89	97.79	97.59	104.23	89.87	59.64	908.40
1962	Below Normal	15.28	89.04	98.60	15.45	18.12	46.05	86.89	99.83	8.16	131.12	132.18	117.38	858.10
1963	Wet	91.00	82.55	65.48	60.16	64.90	86.07	98.34	97.84	103.44	104.01	109.33	99.10	1,062.22
1964	Dry	90.68	82.30	103.53	107.21	66.92	70.71	105.43	101.79	103.43	103.91	109.02	98.33	1,143.26
1965	Wet	90.10	81.35	71.09	109.30	115.12	92.65	96.73	95.10	95.56	102.51	107.17	96.81	1,153.49
1966	Below Normal	87.07	78.89	68.34	125.79	126.11	96.10	91.56	103.07	99.40	113.99	117.40	104.05	1,211.77
1967	Wet	82.10	74.19	58.93	38.21	71.20	89.82	105.24	103.61	105.06	110.44	116.22	104.72	1,059.74
1968	Below Normal	95.88	84.52	76.27	139.29	134.71	144.64	104.03	99.15	103.14	108.33	111.98	99.76	1,301.70
1969	Wet	81.18	73.42	59.53	73.87	130.07	146.28	88.38	97.15	98.40	104.08	110.59	98.63	1,161.58
1970	Wet	96.04	73.94	70.07	134.85	130.07	148.09	93.16	102.05	108.10	108.45	113.84	103.10	1,281.76
1971	Wet	94.70	85.98	75.50	139.29	130.07	110.16	87.84	101.83	102.03	112.31	115.19	101.92	1,256.82
1972	Below Normal	78.78	71.18	55.87	32.18	56.11	79.13	94.37	104.85	104.80	110.92	113.88	100.83	1,002.90
1973	Above Normal	79.93	72.04	57.10	42.91	81.57	107.34	94.41	105.01	111.27	111.30	116.60	105.63	1,085.11
1974	Wet	97.24	88.35	77.79	139.29	130.07	132.51	113.02	101.82	108.04	108.37	114.18	103.15	1,313.83
1975	Wet	94.45	85.70	74.95	136.97	129.14	125.16	106.93	103.67	109.89	109.98	114.90	104.30	1,296.04
1976	Critical	95.73	87.04	76.73	120.15	113.36	72.04	89.00	102.21	42.52	121.16	91.29	118.21	1,129.44
1977	Critical	90.99	82.14	63.94	27.11	27.99	28.72	29.31	6.33	3.97	5.03	4.46	3.55	373.54
1978	Above Normal	1.40	12.23	64.64	15.39	27.16	71.31	96.16	97.66	103.07	105.05	109.01	98.10	801.18
1979	Below Normal	86.39	78.20	67.01	98.80	91.92	106.46	103.18	100.29	106.38	106.60	111.55	100.93	1,157.71
1980	Above Normal	92.28	83.78	73.69	115.43	134.71	151.90	82.85	92.29	97.80	99.15	104.83	93.62	1,222.33
1981	Dry	84.43	76.59	66.37	139.04	130.07	107.93	89.27	104.14	38.46	129.77	116.41	121.16	1,203.64
1982	Wet	94.02	85.35	67.35	56.72	62.68	147.81	106.46	103.40	112.79	113.67	120.34	107.79	1,178.38
1983	Wet	98.61	99.28	141.73	134.85	130.07	146.27	74.33	77.50	90.77	91.86	82.02	82.58	1,249.87
1984	Wet	80.45	73.62	142.34	134.85	134.71	146.67	90.97	103.16	108.89	109.63	115.10	104.41	1,344.80
1985	Dry	95.80	87.14	103.16	124.06	121.50	113.19	98.69	97.42	102.38	102.56	107.28	97.06	1,250.24
1986	Wet	88.73	80.52	70.56	113.26	102.93	116.87	106.23	105.85	112.18	112.88	119.17	106.68	1,235.86
1987	Dry	97.58	88.87	77.62	139.29	129.04	72.21	62.31	74.51	75.52	74.48	66.97	58.88	1,017.28
1988	Critical	31.72	23.18	19.16	16.02	23.85	26.62	45.08	52.26	52.00	52.01	46.43	40.71	429.04
1989	Dry	19.85	15.01	12.80	10.49	20.79	26.50	98.18	114.08	83.76	128.05	115.81	119.39	764.71
1990	Critical	92.34	83.48	65.09	28.51	30.59	33.55	56.76	67.23	67.85	67.33	60.22	52.89	705.84
1991	Critical	27.60	20.03	16.90	14.45	20.08	25.99	45.72	49.59	30.22	61.01	53.95	47.60	413.14
1992	Critical	23.51	15.27	15.60	12.72	19.11	24.95	45.20	52.45	52.03	4.55	4.35	38.37	308.11
1993	Above Normal	55.05	4.23	70.50	16.61	50.25	74.72	96.43	100.55	71.00	115.50	119.43	107.31	881.58
1994	Critical	91.82	83.39	70.00	84.71	76.85	61.25	81.87	93.12	77.23	102.38	30.29	93.81	946.72
1995	Wet	19.19	63.56	120.35	15.33	43.71	65.95	112.10	108.99	115.21	116.02	122.04	109.98	1,012.43
1996	Wet	101.10	92.00	80.81	69.80	79.01	92.19	105.17	101.50	107.45	107.92	113.16	102.49	1,152.60
1997	Wet	94.04	85.49	75.17	134.85	130.07	152.16	94.90	97.67	103.22	104.06	109.95	98.93	1,280.51
1998	Wet	89.92	81.74	71.18	137.86	130.07	134.35	96.70	94.77	95.92	97.33	107.56	96.29	1,233.69
1999	Wet	99.18	91.33	90.49	139.29	130.07	129.94	95.78	102.05	107.82	108.79	114.37	103.55	1,312.66
2000	Above Normal	95.04	86.43	75.84	126.91	118.46	91.22	97.10	109.22	113.08	120.39	122.80	109.23	1,265.72
2001	Dry	86.82	78.84	63.24	45.13	40.10	38.30	65.34	78.92	80.68	80.35	72.18	63.47	793.37
2002	Dry	34.66	25.86	21.06	14.57	30.05	48.51	107.27	103.38	104.82	105.66	110.27	99.64	805.75
2003	Above Normal	91.17	58.54	95.82	19.74	32.26	48.53	81.84	93.40	9.08	121.05	121.75	108.02	881.20
	Average	79.63	72.90	70.60	76.98	78.89	87.46	88.46	93.44	84.63	102.30	100.74	92.62	1,028.64
	Wet	85.42	80.13	77.91	101.25	106.93	123.93	98.72	99.42	104.38	106.56	111.70	100.86	1,197.21
	Above Normal	86.57	68.72	78.84	73.53	80.25	87.98	92.70	99.52	82.58	114.43	118.55	106.09	1,089.76
	Below Normal	81.69	79.81	70.74	79.46	78.15	96.77	94.52	97.14	71.29	118.37	121.64	108.70	1,098.28
	Dry	73.50	69.45	68.39	64.18	61.44	59.61	86.98	97.15	87.83	105.34	99.92	94.17	967.95
	Critical	66.93	58.52	49.66	44.12	43.85	38.81	57.18	64.51	54.63	57.64	35.99	40.24	612.08

Difference in Energy Use (GWh) At Pumping Plant at Chrisman: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	10.92	0.46	0.29	1.84	2.84	7.47	7.73	8.64	7.55	3.98
1923	Below Normal	7.11	6.94	6.20	0.00	0.00	23.23	29.71	(52.50)	(91.76)	28.49	28.90	26.84	1.10
1924	Critical	27.30	25.58	23.84	25.24	19.55	7.96	6.94	9.06	(14.90)	(55.99)	(49.96)	(44.13)	(1.63)
1925	Dry	30.19	66.96	98.78	9.77	5.65	(26.74)	(2.58)	(16.09)	(14.56)	(15.63)	(16.30)	(14.23)	8.77
1926	Dry	(11.78)	(10.68)	(8.40)	3.72	0.13	2.45	2.66	7.64	3.70	10.17	10.16	9.12	1.57
1927	Wet	(9.19)	16.59	13.43	3.49	(1.92)	0.31	(2.05)	(2.38)	1.96	1.97	1.80	2.05	2.17
1928	Above Normal	2.05	2.24	2.46	3.77	(2.07)	(2.71)	(2.48)	4.99	(46.14)	20.43	19.37	17.04	1.58
1929	Critical	9.71	9.26	5.24	(24.60)	(24.74)	(7.45)	5.00	1.83	1.96	(8.88)	(45.21)	(36.35)	(9.52)
1930	Dry	9.10	9.81	71.52	7.04	(0.13)	0.08	(1.49)	(0.96)	(8.66)	0.31	(1.41)	(1.20)	7.00
1931	Critical	(2.94)	(3.60)	(2.92)	0.53	(0.17)	0.72	0.36	0.46	0.50	0.48	(15.51)	(50.85)	(6.08)
1932	Dry	(3.09)	25.55	41.01	3.13	0.37	1.10	0.00	(0.03)	4.41	4.43	4.47	4.46	7.15
1933	Critical	4.50	4.51	4.50	4.85	0.12	1.35	1.80	1.28	2.14	3.33	5.04	4.66	3.17
1934	Critical	(1.34)	(0.89)	19.30	2.57	0.91	(1.00)	(2.73)	(3.56)	(3.74)	(3.66)	(4.37)	0.00	0.12
1935	Below Normal	20.08	(15.16)	(11.26)	(0.27)	0.08	0.40	2.18	2.69	19.20	4.66	4.81	4.69	2.68
1936	Below Normal	4.80	4.56	4.47	4.29	(0.06)	(6.17)	0.13	0.11	4.55	4.55	4.56	4.55	2.53
1937	Below Normal	4.55	4.54	4.53	(0.06)	0.00	14.50	(1.54)	(1.47)	2.91	2.94	2.92	3.00	3.07
1938	Wet	2.96	3.08	(1.27)	0.00	0.00	(2.97)	2.19	(6.07)	(6.11)	2.20	(1.67)	3.48	(0.35)
1939	Dry	3.46	3.54	3.60	4.44	0.00	(2.13)	(8.89)	1.57	13.38	3.90	2.64	3.86	2.45
1940	Above Normal	4.26	(14.96)	14.98	0.70	(2.84)	(0.90)	(0.06)	(0.06)	4.03	4.36	4.36	4.35	1.52
1941	Wet	4.36	4.36	3.36	0.03	(0.01)	(4.65)	(0.01)	0.00	4.44	4.44	4.44	4.43	2.10
1942	Wet	4.44	4.44	2.04	0.00	0.00	(0.54)	0.12	(0.28)	4.14	4.12	4.06	4.15	2.22
1943	Wet	4.18	4.20	4.25	1.45	0.00	2.24	2.30	(0.02)	4.41	4.38	4.28	4.36	3.00
1944	Dry	4.41	4.41	4.47	(8.31)	(11.47)	(3.93)	(0.20)	(0.12)	3.20	3.07	2.88	2.93	0.11
1945	Below Normal	2.76	2.71	2.82	3.12	(0.08)	(11.50)	0.15	0.14	4.58	4.58	4.58	4.57	1.54
1946	Below Normal	4.58	4.57	5.19	4.44	0.00	0.34	0.42	0.43	4.89	4.88	4.91	4.87	3.29
1947	Dry	4.87	4.83	4.79	5.16	0.17	(0.12)	(0.13)	0.25	2.99	3.15	3.10	3.02	2.67
1948	Below Normal	2.67	2.68	2.54	1.16	(1.46)	(0.54)	0.06	2.00	0.00	0.02	0.05	0.03	0.77
1949	Dry	0.03	0.04	0.03	(0.02)	0.02	(0.08)	(0.02)	0.08	0.15	0.19	0.18	0.16	0.06
1950	Below Normal	0.07	0.07	0.02	(0.80)	(0.79)	(0.25)	(0.01)	(0.02)	2.63	2.61	2.62	2.62	0.73
1951	Above Normal	2.62	2.62	(1.07)	0.00	0.00	0.00	0.00	0.00	4.44	4.43	4.44	4.44	1.83
1952	Wet	4.44	4.44	4.44	4.44	0.00	0.00	(0.01)	(3.46)	(3.68)	0.54	(0.10)	0.96	1.00
1953	Wet	1.37	1.56	8.49	4.44	0.00	(11.06)	(21.01)	(1.67)	3.78	3.29	3.36	3.62	(0.32)
1954	Above Normal	4.61	4.60	5.04	9.50	4.96	3.70	0.62	0.79	5.97	1.31	2.34	2.27	3.81
1955	Dry	2.24	2.22	2.17	2.20	0.03	(0.13)	(0.59)	(0.71)	(0.05)	(0.09)	(0.11)	(0.02)	0.60
1956	Wet	0.10	0.14	0.24	(15.72)	0.02	0.03	0.08	0.07	4.52	4.51	4.52	4.51	0.25
1957	Above Normal	4.51	4.50	4.50	4.44	(0.03)	(0.05)	0.04	0.30	4.20	4.21	4.21	4.21	2.92
1958	Wet	4.21	4.21	4.21	4.20	0.01	(0.12)	0.00	0.00	4.44	4.43	4.44	4.43	2.87
1959	Below Normal	4.44	4.44	4.44	4.44	0.00	(3.00)	(2.11)	(2.51)	(14.62)	3.72	3.38	3.44	0.50
1960	Dry	3.29	3.27	3.18	2.73	(0.37)	0.19	0.16	(0.21)	3.89	(1.14)	3.17	(2.44)	1.31
1961	Dry	(1.48)	(1.45)	(1.01)	1.75	1.57	0.61	0.18	0.22	0.22	0.24	1.20	(0.08)	0.16
1962	Below Normal	(0.09)	0.01	(0.03)	0.00	0.00	0.00	0.00	0.00	4.30	4.30	4.30	4.30	1.42
1963	Wet	4.30	4.30	4.30	4.30	0.00	0.00	0.00	0.00	4.44	4.44	4.43	4.43	2.91
1964	Dry	4.43	4.43	4.45	4.43	(0.04)	0.24	(0.04)	(0.04)	0.01	0.02	0.02	0.02	1.49
1965	Wet	0.02	0.02	0.03	0.47	0.24	(0.63)	0.03	0.20	2.85	4.99	4.97	4.91	1.51
1966	Below Normal	4.77	4.74	4.65	3.75	(0.67)	(0.32)	0.00	0.03	3.60	3.49	3.49	3.49	2.59
1967	Wet	3.47	3.48	3.47	3.33	(0.07)	(0.01)	0.03	(0.09)	(0.10)	4.34	4.32	4.35	2.21
1968	Below Normal	4.36	1.76	(0.44)	4.44	0.00	0.50	0.11	1.47	5.14	6.05	5.91	5.41	2.89
1969	Wet	3.50	3.51	2.78	(23.47)	0.00	0.00	(0.55)	(0.53)	(0.55)	3.90	3.89	3.92	(0.30)
1970	Wet	3.90	3.95	3.98	0.00	0.00	(0.37)	(2.55)	0.36	4.82	4.81	4.84	4.79	2.38
1971	Wet	4.80	4.77	4.74	4.44	0.00	0.19	(0.18)	(0.24)	1.56	3.32	3.29	3.29	2.50
1972	Below Normal	3.28	3.28	3.27	3.36	0.09	0.03	(0.02)	(0.05)	0.02	0.00	0.01	0.01	1.11
1973	Above Normal	0.05	0.05	0.06	0.20	0.12	0.25	(0.19)	0.02	4.46	4.46	4.46	4.45	1.53
1974	Wet	4.45	4.46	4.45	4.44	0.00	(6.70)	6.10	(0.77)	3.62	3.58	3.42	3.65	2.56
1975	Wet	3.75	3.79	3.93	2.12	(0.93)	(4.66)	1.01	1.01	5.49	5.48	5.54	5.43	2.66
1976	Critical	5.43	5.36	5.27	5.55	0.83	0.14	(0.47)	(0.57)	(0.45)	(0.63)	0.41	(0.88)	1.67
1977	Critical	(0.76)	(0.71)	(0.59)	(0.08)	(0.07)	(0.03)	2.82	0.00	0.03	0.00	(0.04)	0.00	0.05
1978	Above Normal	0.00	(0.40)	0.27	0.00	0.02	(1.87)	(0.38)	3.18	7.28	8.90	8.32	7.53	2.74
1979	Below Normal	4.12	4.13	2.55	(14.23)	(33.30)	(3.13)	12.12	0.81	5.27	5.22	5.17	5.23	(0.50)
1980	Above Normal	5.31	5.23	5.22	(4.91)	0.00	5.61	(4.54)	(3.70)	0.54	0.42	(0.10)	0.67	0.81
1981	Dry	0.93	1.17	1.70	7.42	0.00	12.12	1.94	2.47	21.77	3.45	(0.41)	5.10	4.81
1982	Wet	5.00	4.93	4.81	4.41	0.37	0.02	0.02	0.01	4.45	4.45	4.46	4.45	3.12
1983	Wet	(2.57)	7.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.44	4.44	1.11
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.45	4.44	4.44	4.44	1.48
1985	Dry	4.45	4.44	4.45	4.44	0.00	(0.01)	0.01	0.00	3.25	3.25	3.25	3.25	2.57
1986	Wet	3.25	3.26	3.26	3.25	0.00	(34.66)	7.89	0.05	4.49	4.49	4.50	4.48	0.36
1987	Dry	4.48	4.48	4.47	4.44	0.00	0.03	(2.06)	(2.67)	(2.71)	(2.64)	(2.36)	(2.09)	0.28
1988	Critical	(1.34)	(1.05)	(0.64)	(0.31)	(0.20)	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	(0.30)
1989	Dry	0.00	0.00	0.00	(0.02)	(0.02)	(0.03)	(0.09)	(0.11)	(0.65)	(0.01)	(3.55)	1.11	(0.28)
1990	Critical	0.91	0.83	0.65	(0.02)	(0.01)	0.00	0.01	0.01	0.02	0.02	0.02	0.01	0.20
1991	Critical	0.00	0.00	0.01	0.00	0.00	0.00	(0.01)	(1.13)	0.02	0.31	0.24	0.22	(0.03)
1992	Critical	0.13	(1.06)	0.77	0.43	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	(0.31)	(0.01)
1993	Above Normal	(0.29)	(0.47)	1.05	0.00	(0.05)	(0.24)	(0.01)	0.11	3.26	4.84	4.81	4.77	1.48
1994	Critical	4.64	4.62	4.55	3.88	(0.49)	(0.23)	0.01	0.01	0.20	0.02	0.04	(0.07)	1.43
1995	Wet	(0.03)	(0.02)	0.02	0.04	(0.01)	0.00	0.01	0.00	4.44	4.44	4.44	4.44	1.48
1996	Wet	4.44	4.44	4.44	(55.85)	(49.95)	(22.66)	(2.14)	(2.16)	2.18	2.18	2.09	2.36	(9.22)
1997	Wet	2.41	2.56	2.74	0.00	0.00	0.15	0.49	0.25	4.70	4.69	4.70	4.69	2.28
1998	Wet	4.70	4.67	4.66	5.14	0.00	(0.11)	(0.08)	(3.52)	(3.74)	(3.95)	(0.15)	0.90	0.71
1999	Wet	8.64	(0.70)	5.30	4.44	0.00	(8.41)	(5.37)	0.18	4.62	4.63	4.65	4.61	1.88
2000	Above Normal	4.61	4.60	4.58	4.92	0.61	(0.78)	(0.24)	0.46	4.60	4.89	4.80	4.65	3.14
2001	Dry	3.96	3.97	3.74	0.82	(3.04)	(0.84)	0.46	0.60	1.41	1.40	1.34	1.26	1.26
2002	Dry	1.10	1.04	0.94	0.82	0.08	(0.05)	(0.31)	(0.31)	(0.28)	(0.27)	(0.30)	(0.26)	0.18
2003	Above Normal	(0.26)	2.79	(3.23)	1.10	0.95	0.36	(0.02)	(0.02)	3.00	3.00	2.99	2.99	1.14
	Average	3.33	3.76	5.55	0.92	(1.19)	(1.13)	0.30	(0.73)	0.45	2.24	1.66	1.53	1.39
	Wet	2.73	3.75	3.54	(1.56)	(2.01)	(3.64)	(0.53)	(0.73)	2.52	3.47	3.59	3.91	1.25
	Above Normal	2.29	0.90	2.82	2.55	0.18	0.31	(0.45)	0.74	0.26	5.75	5.72	5.41	2.21
	Below Normal	4.82	2.09	2.07	0.97	(2.59)	1.01	2.94	(3.49)	(3.52)	5.39	5.40	5.22	1.69
	Dry	3.37	7.11	13.33	3.00	(0.39)	(0.96)	(0.61)	(0.47)	1.75	0.77	0.44	0.78	2.34
	Critical	3.85	3.57	5.00	1.50	(0.36)	0.12	1.14	0.62	(1.19)	(5.42)	(9.11)	(10.64)	(0.91)

Percent Difference in Energy Use (GWh) At Pumping Plant at Chrisman: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	43%	1%	0%	2%	3%	8%	8%	8%	8%
1923	Below Normal	8%	9%	9%	0%	0%	18%	33%	-52%	-92%	27%	26%	28%
1924	Critical	35%	37%	43%	55%	43%	20%	13%	15%	-24%	-92%	-92%	-93%
1925	Dry	126%	375%	652%	75%	28%	-42%	-3%	-15%	-13%	-13%	-14%	-14%
1926	Dry	-15%	-15%	-15%	13%	0%	5%	4%	8%	4%	10%	10%	10%
1927	Wet	-13%	27%	29%	13%	-5%	0%	-2%	-2%	2%	2%	2%	2%
1928	Above Normal	2%	3%	3%	3%	-2%	-4%	-2%	5%	-44%	19%	18%	17%
1929	Critical	11%	11%	7%	-23%	-25%	-14%	11%	3%	4%	-16%	-91%	-86%
1930	Dry	42%	60%	512%	61%	-1%	0%	-2%	-1%	-10%	0%	-2%	-2%
1931	Critical	-6%	-9%	-9%	2%	-1%	2%	1%	1%	1%	1%	-25%	-94%
1932	Dry	-11%	117%	227%	19%	1%	3%	0%	0%	5%	5%	5%	6%
1933	Critical	8%	9%	12%	20%	0%	4%	3%	2%	3%	4%	7%	7%
1934	Critical	-3%	-3%	85%	13%	4%	-3%	-4%	-5%	-5%	-5%	-50%	0%
1935	Below Normal	48%	-19%	-19%	-1%	0%	1%	2%	2%	29%	4%	4%	4%
1936	Below Normal	6%	6%	7%	15%	0%	-5%	0%	0%	4%	4%	4%	4%
1937	Below Normal	5%	5%	6%	0%	0%	11%	-2%	-1%	3%	3%	3%	3%
1938	Wet	3%	4%	-2%	0%	0%	-2%	2%	-6%	-6%	2%	-2%	4%
1939	Dry	4%	5%	5%	3%	0%	-1%	-8%	1%	31%	3%	3%	3%
1940	Above Normal	4%	-25%	15%	4%	-13%	-2%	0%	0%	4%	4%	4%	4%
1941	Wet	5%	6%	6%	0%	0%	-3%	0%	0%	5%	5%	5%	5%
1942	Wet	6%	6%	3%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1943	Wet	5%	6%	7%	1%	0%	2%	2%	0%	4%	4%	4%	4%
1944	Dry	5%	5%	6%	-9%	-13%	-7%	0%	0%	4%	3%	3%	4%
1945	Below Normal	5%	6%	8%	11%	0%	-8%	0%	0%	4%	4%	4%	5%
1946	Below Normal	5%	5%	5%	4%	0%	0%	0%	0%	5%	5%	5%	5%
1947	Dry	6%	6%	7%	4%	0%	0%	0%	0%	3%	3%	3%	3%
1948	Below Normal	3%	3%	4%	2%	-2%	-1%	0%	3%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-3%	-3%	-1%	0%	0%	71%	2%	2%	2%
1951	Above Normal	3%	3%	-1%	0%	0%	0%	0%	0%	4%	4%	4%	5%
1952	Wet	5%	5%	6%	3%	0%	0%	0%	-4%	-4%	1%	0%	1%
1953	Wet	2%	2%	9%	3%	0%	-7%	-17%	-2%	4%	3%	3%	4%
1954	Above Normal	6%	7%	9%	11%	6%	4%	1%	1%	6%	1%	2%	2%
1955	Dry	3%	3%	4%	7%	0%	0%	-1%	-1%	0%	0%	0%	0%
1956	Wet	0%	0%	1%	-14%	0%	0%	0%	0%	4%	4%	4%	4%
1957	Above Normal	5%	5%	6%	3%	0%	0%	0%	0%	101%	4%	4%	4%
1958	Wet	5%	6%	7%	17%	0%	0%	0%	0%	4%	4%	4%	4%
1959	Below Normal	5%	5%	6%	3%	0%	-2%	-2%	-2%	-30%	3%	3%	3%
1960	Dry	4%	4%	5%	10%	-1%	1%	0%	0%	5%	-1%	3%	-2%
1961	Dry	-1%	-2%	-1%	5%	4%	2%	0%	0%	0%	0%	1%	0%
1962	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	111%	3%	3%	4%
1963	Wet	5%	5%	7%	8%	0%	0%	0%	0%	4%	4%	4%	5%
1964	Dry	5%	6%	4%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	3%	5%	5%	5%
1966	Below Normal	6%	6%	7%	3%	-1%	0%	0%	0%	4%	3%	3%	3%
1967	Wet	4%	5%	6%	10%	0%	0%	0%	0%	0%	4%	4%	4%
1968	Below Normal	5%	2%	-1%	3%	0%	0%	0%	2%	5%	6%	6%	6%
1969	Wet	5%	5%	5%	-24%	0%	0%	-1%	-1%	-1%	4%	4%	4%
1970	Wet	4%	6%	6%	0%	0%	0%	-3%	0%	5%	5%	4%	5%
1971	Wet	5%	6%	7%	3%	0%	0%	0%	0%	2%	3%	3%	3%
1972	Below Normal	4%	5%	6%	12%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1974	Wet	5%	5%	6%	3%	0%	-5%	6%	-1%	3%	3%	3%	4%
1975	Wet	4%	5%	6%	2%	-1%	-4%	1%	1%	5%	5%	5%	5%
1976	Critical	6%	7%	7%	5%	1%	0%	-1%	-1%	-1%	-1%	0%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	11%	0%	1%	0%	-1%	0%
1978	Above Normal	0%	-3%	0%	0%	0%	-3%	0%	3%	8%	9%	8%	8%
1979	Below Normal	5%	6%	4%	-13%	-27%	-3%	13%	1%	5%	5%	5%	5%
1980	Above Normal	6%	7%	8%	-4%	0%	4%	-5%	-4%	1%	0%	0%	1%
1981	Dry	1%	2%	3%	6%	0%	13%	2%	2%	130%	3%	0%	4%
1982	Wet	6%	6%	8%	8%	1%	0%	0%	0%	4%	4%	4%	4%
1983	Wet	-3%	8%	0%	0%	0%	0%	0%	0%	0%	0%	6%	6%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1985	Dry	5%	5%	5%	4%	0%	0%	0%	0%	3%	3%	3%	3%
1986	Wet	4%	4%	5%	3%	0%	-23%	8%	0%	4%	4%	4%	4%
1987	Dry	5%	5%	6%	3%	0%	0%	-3%	-3%	-3%	-3%	-3%	-3%
1988	Critical	-4%	-4%	-3%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	-3%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	1%	0%	0%
1992	Critical	1%	-6%	5%	3%	0%	0%	0%	0%	0%	0%	0%	-1%
1993	Above Normal	-1%	-10%	2%	0%	0%	0%	0%	0%	5%	4%	4%	5%
1994	Critical	5%	6%	7%	5%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1996	Wet	5%	5%	6%	-44%	-39%	-20%	-2%	-2%	2%	2%	2%	2%
1997	Wet	3%	3%	4%	0%	0%	0%	1%	0%	5%	5%	4%	5%
1998	Wet	6%	6%	7%	4%	0%	0%	0%	-4%	-4%	-4%	0%	1%
1999	Wet	10%	-1%	6%	3%	0%	-6%	-5%	0%	4%	4%	4%	5%
2000	Above Normal	5%	6%	6%	4%	1%	-1%	0%	0%	4%	4%	4%	4%
2001	Dry	5%	5%	6%	2%	-7%	-2%	1%	1%	2%	2%	2%	2%
2002	Dry	3%	4%	5%	6%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	5%	-3%	6%	3%	1%	0%	0%	49%	3%	3%	3%
	Average	6%	10%	22%	5%	-1%	-1%	1%	-1%	6%	2%	0%	0%
	Wet	3%	5%	6%	0%	-2%	-3%	0%	-1%	2%	3%	3%	4%
	Above Normal	3%	0%	4%	6%	0%	0%	0%	1%	13%	5%	5%	5%
	Below Normal	7%	3%	3%	3%	-2%	1%	3%	-3%	9%	5%	5%	5%
	Dry	10%	33%	80%	12%	1%	-2%	-1%	0%	9%	1%	1%	1%
	Critical	4%	4%	13%	7%	2%	1%	3%	1%	-2%	-9%	-21%	-22%

Energy Use (GWh) At Pumping Plant at Del Valle: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.17	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.61
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	1.43
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.07	0.08	0.07	0.05	1.45
1925	Dry	0.00	0.00	0.00	0.00	0.00	1.02	0.03	0.05	0.07	0.08	0.07	0.04	1.36
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.74	0.40	0.05	0.07	0.08	0.07	0.04	1.45
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.06	0.04	1.41
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.07	0.08	0.07	0.05	1.45
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.38	0.05	0.06	0.08	0.07	0.05	1.42
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.60	0.39	0.04	0.07	0.07	0.07	0.04	1.28
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.06	0.09	0.07	0.04	1.45
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.07	0.07	0.05	1.43
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.04	0.06	0.08	0.07	0.05	1.42
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.74	0.40	0.06	0.07	0.08	0.07	0.05	1.47
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.07	0.07	0.05	1.43
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.91	0.21	0.05	0.06	0.08	0.07	0.05	1.43
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	1.02	0.10	0.05	0.06	0.08	0.07	0.05	1.43
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.97	0.15	0.05	0.07	0.08	0.07	0.05	1.44
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.07	0.07	0.07	0.05	1.44
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.79	0.33	0.05	0.06	0.08	0.07	0.05	1.43
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.06	0.08	0.07	0.05	1.44
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.07	0.07	0.05	1.42
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.97	0.16	0.05	0.07	0.08	0.07	0.05	1.45
1946	Below Normal	0.00	0.00	0.82	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	2.25
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.07	0.07	0.07	0.05	1.45
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.38	0.05	0.06	0.08	0.07	0.05	1.42
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.06	0.08	0.07	0.05	1.44
1951	Above Normal	0.00	0.00	0.86	0.22	0.00	0.01	0.03	0.05	0.06	0.07	0.07	0.05	1.42
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.06	0.08	0.07	0.05	1.44
1953	Wet	0.00	0.00	0.47	0.00	0.00	0.73	0.39	0.04	0.06	0.08	0.07	0.05	1.89
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.07	0.08	0.06	0.05	1.45
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.38	0.05	0.06	0.07	0.07	0.05	1.41
1956	Wet	0.00	0.00	0.00	0.69	0.39	0.01	0.03	0.05	0.07	0.08	0.07	0.05	1.44
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.90	0.23	0.06	0.07	0.08	0.08	0.06	1.48
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.08	0.08	0.07	0.05	1.45
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.04	0.07	0.08	0.07	0.05	1.43
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.06	0.07	0.07	0.04	1.42
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.38	0.05	0.06	0.07	0.07	0.05	1.41
1964	Dry	0.00	0.00	0.84	0.00	0.62	0.00	0.31	0.05	0.06	0.07	0.07	0.05	2.07
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.07	0.07	0.04	1.41
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.07	0.07	0.05	1.44
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.37	0.05	0.06	0.08	0.08	0.05	1.42
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1969	Wet	0.00	0.00	0.00	0.08	1.00	0.01	0.03	0.06	0.07	0.08	0.07	0.05	1.45
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.74	0.38	0.06	0.07	0.08	0.07	0.05	1.45
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	1.43
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.74	0.39	0.05	0.07	0.08	0.07	0.05	1.45
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.80	0.33	0.06	0.07	0.08	0.07	0.05	1.46
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.38	0.06	0.07	0.07	0.07	0.05	1.43
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.07	0.08	0.06	0.05	1.44
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.04	0.07	0.07	0.07	0.04	1.42
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.97	0.15	0.06	0.07	0.08	0.07	0.05	1.45
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.97	0.16	0.05	0.06	0.08	0.06	0.05	1.43
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.08	0.08	0.07	0.05	1.46
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.87	0.25	0.05	0.06	0.07	0.07	0.05	1.42
1983	Wet	0.00	0.04	0.00	0.00	0.00	0.67	0.03	0.05	0.06	0.07	0.07	0.05	1.04
1984	Wet	0.01	0.03	0.00	0.00	0.00	0.64	0.03	0.06	0.07	0.08	0.07	0.06	1.05
1985	Dry	0.00	0.00	0.82	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.04	2.26
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.04	1.43
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.07	0.07	0.07	0.05	1.45
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.54	0.40	0.05	0.07	0.08	0.07	0.05	1.26
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	1.43
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.56	0.40	0.06	0.07	0.08	0.07	0.05	1.29
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.07	0.07	0.05	1.43
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	1.43
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.07	0.08	0.07	0.05	1.46
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.04	0.06	0.08	0.07	0.05	1.42
1999	Wet	0.00	0.00	0.42	0.00	0.00	0.73	0.39	0.05	0.07	0.07	0.07	0.05	1.85
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.07	0.07	0.07	0.05	1.45
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.74	0.39	0.07	0.07	0.08	0.07	0.05	1.47
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
	Average	0.00	0.00	0.05	0.01	0.02	0.71	0.34	0.05	0.07	0.08	0.07	0.05	1.46
	Wet	0.00	0.00	0.03	0.03	0.05	0.69	0.31	0.05	0.07	0.08	0.07	0.05	1.44
	Above Normal	0.01	0.00	0.07	0.02	0.00	0.70	0.34	0.05	0.07	0.08	0.07	0.05	1.46
	Below Normal	0.00	0.00	0.06	0.00	0.00	0.80	0.33	0.05	0.07	0.08	0.07	0.05	1.50
	Dry	0.00	0.00	0.09	0.00	0.03	0.69	0.37	0.05	0.07	0.08	0.07	0.05	1.50
	Critical	0.00	0.00	0.00	0.00	0.00	0.72	0.39	0.05	0.07	0.08	0.07	0.05	1.43

Energy Use (GWh) At Pumping Plant at Del Valle: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.17	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.61
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	1.43
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.07	0.08	0.07	0.05	1.45
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.04	1.43
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.74	0.40	0.05	0.07	0.08	0.07	0.04	1.45
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.06	0.04	1.41
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.07	0.08	0.07	0.05	1.45
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.38	0.05	0.06	0.08	0.07	0.05	1.42
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.04	0.07	0.07	0.07	0.04	1.41
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.06	0.09	0.07	0.04	1.45
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.07	0.07	0.05	1.43
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.04	0.06	0.08	0.07	0.05	1.42
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.74	0.40	0.06	0.07	0.08	0.07	0.05	1.47
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.07	0.07	0.05	1.43
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.91	0.22	0.05	0.06	0.08	0.07	0.05	1.44
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	1.43
1938	Wet	0.00	0.00	0.00	0.00	0.00	1.33	0.00	0.05	0.07	0.08	0.07	0.05	1.65
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.07	0.07	0.07	0.05	1.44
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.79	0.33	0.05	0.06	0.08	0.07	0.05	1.43
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.06	0.08	0.07	0.05	1.44
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.07	0.07	0.05	1.42
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.97	0.15	0.05	0.07	0.08	0.07	0.05	1.44
1946	Below Normal	0.00	0.00	0.82	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	2.25
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.07	0.07	0.07	0.05	1.45
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.38	0.05	0.06	0.08	0.07	0.05	1.42
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.06	0.08	0.07	0.05	1.44
1951	Above Normal	0.00	0.00	0.86	0.22	0.00	0.01	0.03	0.05	0.06	0.07	0.07	0.05	1.42
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.06	0.08	0.07	0.05	1.44
1953	Wet	0.00	0.00	0.74	0.00	0.00	0.73	0.39	0.04	0.06	0.08	0.07	0.05	2.16
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.07	0.08	0.06	0.05	1.45
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.38	0.05	0.06	0.07	0.07	0.05	1.41
1956	Wet	0.00	0.00	0.00	0.69	0.39	0.01	0.03	0.05	0.07	0.08	0.07	0.05	1.44
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.90	0.23	0.06	0.07	0.08	0.08	0.06	1.48
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.08	0.08	0.07	0.05	1.45
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.04	0.07	0.08	0.07	0.05	1.43
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.06	0.07	0.07	0.04	1.42
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.38	0.05	0.06	0.07	0.07	0.05	1.41
1964	Dry	0.00	0.00	0.84	0.00	0.62	0.00	0.31	0.05	0.06	0.07	0.07	0.05	2.07
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.07	0.07	0.04	1.41
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.07	0.07	0.05	1.44
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.37	0.05	0.06	0.08	0.08	0.05	1.42
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1969	Wet	0.00	0.00	0.00	0.00	0.13	0.97	0.03	0.06	0.07	0.08	0.07	0.05	1.46
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.80	0.32	0.06	0.07	0.08	0.07	0.05	1.45
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	1.43
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.74	0.39	0.05	0.07	0.08	0.07	0.05	1.45
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.80	0.33	0.06	0.07	0.08	0.07	0.05	1.46
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.38	0.06	0.07	0.07	0.07	0.05	1.43
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.07	0.08	0.06	0.05	1.44
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.04	0.07	0.07	0.07	0.04	1.42
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.07	0.08	0.07	0.05	1.45
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.06	0.05	1.42
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.08	0.08	0.07	0.05	1.46
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.86	0.25	0.05	0.06	0.07	0.07	0.05	1.41
1983	Wet	0.00	0.42	0.27	0.00	0.03	0.61	0.03	0.05	0.06	0.07	0.07	0.05	1.66
1984	Wet	0.01	0.03	0.00	0.00	0.00	0.71	0.03	0.06	0.07	0.08	0.07	0.06	1.12
1985	Dry	0.00	0.00	0.82	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.04	2.26
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.04	1.43
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.07	0.07	0.07	0.05	1.45
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.54	0.40	0.05	0.07	0.08	0.07	0.05	1.26
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	1.43
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.56	0.40	0.06	0.07	0.08	0.07	0.05	1.29
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.07	0.07	0.05	1.43
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	1.43
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.07	0.08	0.07	0.05	1.46
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.04	0.06	0.08	0.07	0.05	1.42
1999	Wet	0.00	0.46	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.07	0.07	0.05	1.89
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.07	0.07	0.07	0.05	1.45
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.74	0.39	0.07	0.07	0.08	0.07	0.05	1.47
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
	Average	0.00	0.01	0.05	0.01	0.01	0.72	0.35	0.05	0.07	0.08	0.07	0.05	1.48
	Wet	0.00	0.04	0.04	0.03	0.02	0.75	0.30	0.05	0.07	0.08	0.07	0.05	1.49
	Above Normal	0.01	0.00	0.07	0.02	0.00	0.68	0.36	0.05	0.07	0.08	0.07	0.05	1.46
	Below Normal	0.00	0.00	0.06	0.00	0.00	0.76	0.36	0.05	0.07	0.08	0.07	0.05	1.50
	Dry	0.00	0.00	0.09	0.00	0.03	0.68	0.39	0.05	0.07	0.08	0.07	0.05	1.51
	Critical	0.00	0.00	0.00	0.00	0.00	0.72	0.39	0.05	0.07	0.08	0.07	0.05	1.43

Difference in Energy Use (GWh) At Pumping Plant at Del Valle: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	(0.29)	0.36	0.00	0.00	0.00	0.00	0.00	0.01
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	(0.29)	0.29	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.36	(0.15)	0.00	0.00	0.00	0.00	0.00	0.02
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	(0.08)	(0.87)	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.06	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	(0.24)	0.24	0.00	0.00	0.00	0.00	0.00	0.00
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.24)	0.23	0.00	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.38	0.27	0.00	0.03	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.05
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.46	(0.42)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	0.01	0.00	(0.00)	(0.01)	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
	Wet	0.00	0.03	0.00	(0.00)	(0.03)	0.05	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.02)	0.02	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	0.00	0.00	0.00	0.00	0.00	(0.04)	0.04	0.00	0.00	0.00	0.00	0.00	0.00
	Dry	0.00	0.00	0.00	0.00	0.00	(0.01)	0.02	0.00	0.00	0.00	0.00	0.00	0.00
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at Del Valle: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	-28%	>1,000%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	22%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	-28%	290%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	37%	-100%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	-6%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	57%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-100%	-87%	>1,000%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	8%	-16%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	-25%	160%	0%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	-25%	144%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	950%	-	0%	-	-9%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	11%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	-	-100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	12%	-1%	-1%	-1%	0%	6%	0%	0%	0%	0%	0%
	Wet	0%	37%	-2%	-4%	-3%	2%	-4%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	-2%	12%	0%	0%	0%	0%	0%
	Below Normal	0%	0%	0%	0%	0%	-4%	32%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Energy Use (GWh) At Pumping Plant at Edmonston: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	535.27	448.05	355.81	88.17	163.30	270.82	345.82	334.96	339.54	341.49	359.42	323.50	3,906.15
1923	Below Normal	293.09	264.76	229.86	471.87	455.14	452.73	314.40	351.40	348.75	371.09	383.73	339.72	4,276.54
1924	Critical	269.85	242.70	192.51	161.08	158.86	136.34	180.72	213.08	213.92	212.03	189.81	166.59	2,337.49
1925	Dry	83.95	62.50	52.99	45.39	70.70	222.38	293.99	380.85	379.46	405.95	412.95	364.85	2,775.96
1926	Dry	279.48	252.13	196.01	99.24	113.18	156.61	230.32	330.29	328.51	350.90	357.13	315.30	3,009.10
1927	Wet	238.36	213.82	164.67	91.20	146.73	319.61	371.32	365.55	371.41	372.88	390.23	352.25	3,398.03
1928	Above Normal	322.93	292.12	255.71	404.29	398.76	245.07	372.29	362.64	367.36	369.46	384.87	347.68	4,123.18
1929	Critical	316.18	286.36	250.14	369.24	344.22	191.92	152.54	194.94	194.14	193.59	173.48	147.83	2,814.58
1930	Dry	76.68	57.47	48.85	40.32	79.83	109.47	252.27	292.86	294.15	304.17	294.16	259.28	2,109.51
1931	Critical	171.75	145.13	109.96	76.50	88.98	104.18	205.24	244.48	245.64	244.58	218.72	189.92	2,045.08
1932	Dry	96.86	76.17	63.21	58.59	92.79	135.19	256.65	293.64	291.57	309.42	310.04	273.95	2,258.08
1933	Critical	197.39	174.39	132.77	83.92	96.58	127.45	229.42	282.89	286.08	288.34	265.57	233.69	2,398.49
1934	Critical	137.28	106.34	79.53	69.22	76.72	108.43	218.47	260.83	263.17	261.24	30.47	12.20	1,623.90
1935	Below Normal	145.65	279.50	208.89	65.44	90.10	129.03	330.98	382.40	228.95	440.53	446.02	394.93	3,142.42
1936	Below Normal	302.78	274.13	213.65	102.93	127.30	404.01	341.26	380.73	386.85	388.52	406.91	367.25	3,696.32
1937	Below Normal	337.62	305.80	267.87	415.52	455.14	444.53	334.07	362.47	368.09	371.14	389.79	348.63	4,400.67
1938	Wet	316.96	287.30	250.02	471.87	455.14	508.21	307.62	356.09	361.78	351.63	387.57	328.08	4,382.27
1939	Dry	294.91	266.72	238.18	471.87	455.14	536.65	374.95	368.27	152.64	433.82	318.77	432.84	4,344.76
1940	Above Normal	344.33	209.89	345.73	64.16	76.30	175.24	329.05	386.04	320.90	424.67	431.26	381.09	3,488.66
1941	Wet	293.03	264.38	206.05	148.86	193.23	474.82	276.46	311.02	314.05	318.69	338.67	300.15	3,439.41
1942	Wet	267.50	241.70	206.51	471.87	455.14	534.86	409.53	333.61	338.46	341.20	360.42	323.13	4,283.93
1943	Wet	292.86	264.37	228.54	401.50	455.14	436.75	388.87	375.48	380.37	384.09	405.24	363.66	4,376.87
1944	Dry	332.22	300.93	261.73	340.70	317.07	201.94	259.75	299.79	296.90	313.89	311.45	275.13	3,511.50
1945	Below Normal	194.14	169.19	129.35	99.52	108.42	489.08	340.38	365.27	371.44	373.11	390.19	352.29	3,382.38
1946	Below Normal	322.70	291.85	339.85	429.49	321.35	346.43	349.37	345.26	349.59	351.81	370.41	334.04	4,152.15
1947	Dry	304.26	275.10	239.29	407.40	396.93	254.68	360.73	382.50	384.06	398.96	409.40	366.01	4,179.32
1948	Below Normal	305.82	276.54	227.92	239.88	227.68	149.42	219.04	269.73	13.32	445.56	449.24	397.73	3,221.88
1949	Dry	305.34	275.54	214.98	109.01	115.33	144.63	361.48	377.73	381.07	393.83	404.48	362.11	3,445.53
1950	Below Normal	305.92	276.79	229.92	99.29	102.04	122.86	302.00	344.23	12.97	436.45	439.55	388.50	3,060.52
1951	Above Normal	297.58	268.43	252.24	471.87	419.44	498.54	315.28	356.28	361.69	362.89	382.13	344.85	4,331.22
1952	Wet	315.11	284.88	248.07	471.87	469.11	341.84	291.27	300.07	301.74	308.14	329.65	289.85	3,951.60
1953	Wet	255.99	230.65	345.75	471.87	455.14	535.93	429.55	334.40	331.67	343.32	357.64	320.14	4,412.05
1954	Above Normal	273.70	246.52	205.44	305.31	306.36	297.46	331.63	379.92	365.40	387.43	419.45	370.90	3,889.52
1955	Dry	284.61	256.51	199.34	107.49	127.02	166.31	280.40	320.35	316.92	339.95	345.54	305.21	3,049.65
1956	Wet	229.21	205.40	157.95	397.66	431.35	506.05	360.85	388.13	394.93	396.50	417.95	376.85	4,262.83
1957	Above Normal	346.50	313.97	273.91	471.87	448.73	299.00	278.15	235.13	14.50	417.61	419.14	371.12	3,889.63
1958	Wet	282.15	254.27	197.68	87.73	221.30	457.24	358.77	387.93	394.16	397.50	420.88	375.87	3,835.48
1959	Below Normal	344.13	311.58	270.70	471.87	455.14	490.09	317.59	361.51	173.02	425.38	430.48	381.03	4,432.52
1960	Dry	292.38	263.61	204.93	96.43	98.82	128.85	353.70	401.04	274.34	453.89	342.40	445.70	3,356.09
1961	Dry	350.77	317.51	250.75	126.65	132.77	128.17	299.91	341.41	340.71	363.88	310.29	208.96	3,171.78
1962	Below Normal	53.77	311.55	345.13	54.05	63.41	161.14	304.04	349.32	13.51	443.77	447.49	395.68	2,942.86
1963	Wet	303.37	273.82	214.10	195.46	227.10	301.16	344.10	342.37	346.43	348.43	367.05	331.25	3,594.64
1964	Dry	301.79	272.47	346.71	359.64	234.32	246.60	369.07	356.32	361.88	363.53	381.42	344.01	3,937.76
1965	Wet	315.21	284.58	248.65	380.80	401.99	326.42	338.37	332.08	324.40	341.24	357.62	321.58	3,972.94
1966	Below Normal	287.98	259.47	222.87	427.03	443.64	337.39	320.38	360.57	335.23	386.66	398.59	351.89	4,131.70
1967	Wet	275.14	247.44	194.06	122.06	249.38	314.32	368.14	362.86	367.98	371.27	391.58	351.21	3,615.44
1968	Below Normal	320.23	289.59	268.44	471.87	471.39	504.39	363.62	341.82	342.91	357.90	371.18	330.17	4,433.51
1969	Wet	271.84	244.63	198.58	340.60	455.14	511.87	311.18	341.79	346.26	350.55	373.37	331.42	4,077.23
1970	Wet	322.42	244.92	231.25	471.87	455.14	519.49	334.91	355.84	361.40	362.65	381.43	343.99	4,385.31
1971	Wet	314.60	284.17	247.61	471.87	455.14	384.82	308.01	357.15	351.55	381.38	391.57	345.12	4,292.99
1972	Below Normal	264.20	237.59	184.06	100.84	196.04	276.81	330.30	367.08	366.67	388.12	398.45	352.78	3,462.94
1973	Above Normal	279.50	251.90	199.58	149.44	285.03	374.74	331.01	367.39	373.75	373.85	392.39	354.04	3,732.62
1974	Wet	324.68	293.56	256.63	471.87	455.14	487.11	374.13	358.98	365.39	366.70	387.58	348.17	4,489.94
1975	Wet	317.39	286.63	248.53	471.87	455.14	454.28	370.64	359.24	365.32	365.66	382.69	345.95	4,423.34
1976	Critical	315.97	285.83	250.07	401.00	393.76	251.59	313.08	359.64	150.35	426.18	318.03	416.72	3,882.22
1977	Critical	321.04	289.90	225.81	95.16	98.20	100.60	92.69	22.14	13.77	17.60	15.73	12.41	1,305.05
1978	Above Normal	4.90	44.19	225.25	53.86	94.96	256.06	337.81	330.60	335.20	336.45	352.32	316.94	2,688.54
1979	Below Normal	287.87	259.20	225.57	395.52	438.17	383.48	318.63	348.10	353.80	354.75	372.24	334.89	4,072.22
1980	Above Normal	304.33	274.87	239.59	421.10	471.39	511.91	305.81	335.87	340.33	345.49	367.19	325.26	4,243.14
1981	Dry	292.18	263.93	226.28	460.56	455.14	335.25	305.59	355.77	58.40	442.02	408.78	406.14	4,010.04
1982	Wet	311.51	281.40	218.85	183.05	218.03	517.15	372.47	361.78	379.09	382.17	405.50	361.61	3,992.61
1983	Wet	354.07	322.75	495.95	471.87	455.14	511.81	260.11	271.19	317.61	321.43	271.47	273.42	4,326.82
1984	Wet	281.52	257.61	498.07	471.87	471.39	513.22	318.31	360.98	365.48	368.07	387.21	349.80	4,643.53
1985	Dry	319.66	289.39	345.42	418.59	425.17	396.10	345.31	340.90	346.87	347.51	364.02	328.25	4,267.19
1986	Wet	299.11	270.36	235.51	384.94	360.18	530.24	344.13	370.21	376.83	379.27	401.25	357.62	4,309.65
1987	Dry	325.77	295.31	255.98	471.87	451.52	252.57	225.23	270.09	273.73	269.86	242.61	213.33	3,547.87
1988	Critical	115.67	84.79	69.29	57.14	84.16	93.37	157.73	182.86	181.96	182.01	162.48	142.45	1,513.91
1989	Dry	69.46	52.51	44.78	36.77	72.82	92.83	343.87	399.59	295.38	448.10	417.66	413.90	2,687.67
1990	Critical	319.94	289.22	225.48	99.84	107.06	117.38	198.59	235.21	237.36	235.54	210.66	185.03	2,461.31
1991	Critical	96.57	70.07	59.12	50.57	70.28	90.95	160.02	177.47	105.69	212.42	187.93	165.78	1,446.87
1992	Critical	81.81	57.14	51.89	43.01	66.87	87.31	158.20	183.57	182.09	15.94	15.22	135.34	1,078.39
1993	Above Normal	193.65	16.46	243.02	58.11	176.02	262.29	337.46	351.45	237.05	387.22	401.07	358.81	3,022.61
1994	Critical	305.06	275.62	229.04	282.83	270.61	215.13	286.45	325.81	269.54	358.18	105.86	328.49	3,252.62
1995	Wet	67.24	222.48	421.05	53.50	152.97	230.78	392.24	381.36	387.61	390.45	411.50	369.30	3,480.48
1996	Wet	338.25	306.39	267.25	439.66	451.26	401.89	375.50	362.72	368.36	370.02	388.67	350.37	4,420.34
1997	Wet	320.62	290.21	253.45	471.87	455.14	531.90	330.35	340.90	344.73	347.70	368.30	329.76	4,384.93
1998	Wet	298.21	269.69	232.78	464.41	455.14	470.50	338.65	343.95	348.72	354.42	376.89	333.77	4,287.13
1999	Wet	316.84	322.05	298.08	471.87	455.14	484.12	353.94	356.48	361.11	364.49	383.95	346.20	4,514.27
2000	Above Normal	316.44	286.34	249.36	426.88	412.39	321.94	340.60	380.57	379.61	404.14	412.90	365.96	4,297.13
2001	Dry	289.96	261.98	208.19	155.06	150.94	136.96	227.04	274.07	277.39	276.25	247.90	217.67	2,723.41
2002	Dry	117.43	86.85	70.40	48.11	104.87	169.91	376.46	362.83	367.78	370.69	386.89	349.59	2,811.81
2003	Above Normal	319.95	195.09	346.58	65.22	109.56	168.57	286.44	326.89	21.27	413.10	415.56	367.52	3,035.75
	Average	267.00	241.94	227.63	266.13	280.23	309.99	308.50	329.52	294.56	350.16	346.68	318.74	3,541.07
	Wet	289.35	267.29	260.22	359.76	381.19	446.40	347.29	350.47	356.42	360.76	378.30	339.25	4,136.69
	Above Normal	294.92	237.32	266.02	248.36	280.19	306.80	325.95	345.65	288.05	380.32	394.81	352.31	3,720.68
	Below Normal	268.99	271.97	240.29	274.65	282.50	335.10	320.43	352.14	261.79	395.34	406.73	362.11	3,772.05
	Dry	245.43	218.15	192.67	214.09	216.35	211.95	306.48	341.57	301.21	365.92	348.11	326.79	3,288.72
	Critical	220.71	192.29	156.30	149.13	154.69	135.39	196.10	223.58	195.31	220.64	157.83	178.04	2,179.99

Energy Use (GWh) At Pumping Plant at Edmonston: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	535.27	448.05	355.81	126.39	164.91	271.83	352.25	344.90	365.66	368.55	389.63	349.93	4,073.18
1923	Below Normal	317.96	289.03	251.58	471.87	455.14	534.02	418.36	167.70	27.63	470.78	484.85	433.63	4,322.55
1924	Critical	365.38	332.21	275.90	249.38	227.27	164.17	205.01	244.76	161.77	16.08	14.98	12.19	2,269.10
1925	Dry	189.57	296.81	398.62	79.57	90.48	128.81	284.97	324.54	328.52	351.26	355.89	315.06	3,144.10
1926	Dry	238.26	214.75	166.63	112.26	113.65	165.22	239.61	357.01	341.46	386.48	392.68	347.22	3,075.23
1927	Wet	206.20	271.87	211.66	103.38	140.02	320.70	364.17	357.22	378.26	379.77	396.55	359.41	3,489.21
1928	Above Normal	330.11	299.97	264.34	417.48	391.53	235.57	363.60	380.07	205.89	440.94	452.67	407.31	4,189.48
1929	Critical	350.15	318.73	268.46	283.16	257.63	165.86	170.02	201.35	201.01	162.49	15.28	20.65	2,414.79
1930	Dry	108.49	91.78	299.11	64.94	79.37	109.75	247.04	289.48	263.83	305.25	289.25	255.10	2,403.39
1931	Critical	161.46	132.53	99.76	78.35	88.41	106.69	206.49	246.11	247.38	246.29	164.42	11.96	1,789.85
1932	Dry	86.05	165.60	206.71	69.53	94.10	139.02	256.64	293.56	306.99	324.92	325.66	289.55	2,558.33
1933	Critical	213.14	190.18	148.50	100.87	96.99	132.18	235.70	287.38	293.58	299.99	283.22	249.97	2,531.70
1934	Critical	132.59	103.24	147.08	78.20	79.90	104.94	208.91	248.38	250.08	248.44	15.19	12.20	1,629.15
1935	Below Normal	215.89	226.47	169.50	64.47	90.39	130.46	338.62	391.81	296.14	456.81	462.84	411.35	3,254.75
1936	Below Normal	319.59	290.07	229.32	117.95	127.10	382.42	341.70	381.10	402.77	404.43	422.87	383.17	3,802.49
1937	Below Normal	353.55	321.69	283.72	415.34	455.14	495.28	328.70	357.30	378.25	381.42	400.01	359.11	4,529.51
1938	Wet	327.31	298.08	245.58	471.87	455.14	497.83	315.28	334.83	340.39	359.32	381.73	340.28	4,367.64
1939	Dry	307.00	279.10	250.78	487.40	455.14	529.17	343.84	373.75	199.46	447.48	328.01	446.37	4,447.50
1940	Above Normal	359.22	157.52	398.13	66.64	66.39	172.08	328.86	385.81	335.02	439.92	446.49	396.34	3,552.42
1941	Wet	308.28	279.62	217.78	148.96	193.20	458.55	276.45	311.01	329.58	334.22	354.20	315.68	3,527.53
1942	Wet	283.03	257.23	213.67	471.87	455.14	532.97	409.92	332.63	352.94	355.63	374.64	337.64	4,377.31
1943	Wet	307.49	279.05	243.41	406.56	455.14	444.57	396.93	375.38	395.78	399.39	420.21	378.94	4,502.85
1944	Dry	347.66	316.36	277.38	311.61	276.93	188.17	259.06	299.35	308.10	324.61	321.55	285.39	3,516.17
1945	Below Normal	203.79	178.66	139.25	110.45	108.12	448.86	340.88	365.76	387.47	389.14	406.24	368.30	3,446.92
1946	Below Normal	338.71	307.82	358.00	445.02	321.35	347.61	350.82	346.76	366.68	368.90	387.58	351.06	4,290.31
1947	Dry	321.28	292.00	256.05	425.47	397.50	254.24	360.27	383.38	394.52	409.97	420.25	376.57	4,291.50
1948	Below Normal	315.16	285.91	236.80	243.92	222.58	147.54	219.27	276.74	13.32	445.63	449.40	397.84	3,254.11
1949	Dry	305.46	275.65	215.09	108.93	115.42	144.36	361.40	378.02	381.60	394.51	405.12	362.67	3,448.23
1950	Below Normal	306.14	277.02	230.00	96.47	99.27	121.98	301.94	344.17	22.20	445.59	448.69	397.65	3,091.12
1951	Above Normal	306.73	277.59	248.48	471.87	419.44	498.54	315.28	356.28	377.22	378.42	397.66	360.38	4,407.89
1952	Wet	330.64	300.41	263.61	487.40	469.09	341.82	291.23	287.93	288.86	310.03	329.32	293.20	3,993.54
1953	Wet	260.81	236.09	375.47	487.40	455.14	497.23	356.05	328.55	344.88	354.81	369.43	332.81	4,398.67
1954	Above Normal	289.84	262.63	223.08	338.53	323.70	310.43	333.78	382.66	386.30	392.01	427.64	378.84	4,049.44
1955	Dry	292.46	264.26	206.93	115.20	127.13	165.88	278.33	317.86	316.76	339.62	345.16	305.13	3,074.72
1956	Wet	229.53	205.88	158.78	342.64	431.42	506.16	361.12	388.39	410.73	412.29	433.75	392.63	4,273.32
1957	Above Normal	362.28	329.73	289.65	487.40	448.62	298.84	278.29	236.21	29.19	432.33	433.87	385.84	4,012.25
1958	Wet	296.87	268.99	212.39	102.42	221.31	456.82	358.77	387.93	409.70	413.03	436.41	391.40	3,956.04
1959	Below Normal	359.66	327.11	286.24	487.40	455.14	479.60	310.22	352.72	121.88	438.38	442.29	393.06	4,453.70
1960	Dry	303.90	275.02	216.06	105.99	97.52	129.49	354.26	400.30	287.96	449.90	353.48	437.17	3,411.05
1961	Dry	345.59	312.44	247.21	132.77	138.26	130.31	300.55	342.18	341.50	364.72	314.49	208.69	3,178.71
1962	Below Normal	53.48	311.57	345.01	54.05	63.41	161.14	304.04	349.32	28.55	458.82	462.54	410.73	3,002.66
1963	Wet	318.41	288.87	229.14	210.50	227.10	301.16	344.10	342.37	361.96	363.96	382.58	346.78	3,716.93
1964	Dry	317.32	288.00	362.27	375.15	234.17	247.44	368.91	356.17	361.94	363.59	381.48	344.09	4,000.53
1965	Wet	315.29	284.67	248.74	382.45	402.83	324.20	338.48	332.77	334.40	358.71	375.01	338.77	4,036.32
1966	Below Normal	304.67	276.07	239.15	440.16	441.28	336.29	320.40	360.65	347.81	398.88	410.80	364.09	4,240.25
1967	Wet	287.29	259.59	206.20	133.72	249.14	314.29	368.25	362.54	367.64	386.44	406.68	366.42	3,708.20
1968	Below Normal	335.49	295.76	266.88	487.40	471.39	506.12	364.04	346.94	360.92	379.07	391.83	349.09	4,554.93
1969	Wet	284.06	256.90	208.32	258.47	455.14	511.87	309.25	339.94	344.34	364.19	386.98	345.12	4,064.58
1970	Wet	336.08	258.73	245.18	471.87	455.14	518.20	325.98	357.10	378.26	379.50	398.34	360.78	4,485.16
1971	Wet	331.38	300.86	264.19	487.40	455.14	385.47	307.36	356.33	357.03	393.01	403.09	356.65	4,397.91
1972	Below Normal	275.68	249.06	195.50	112.60	196.33	276.88	330.23	366.89	366.71	388.12	398.48	352.84	3,509.32
1973	Above Normal	279.68	252.08	199.80	150.14	285.43	375.60	330.36	367.45	389.35	389.45	407.99	369.63	3,796.96
1974	Wet	340.28	309.15	272.21	487.40	455.14	463.68	395.47	356.29	378.06	379.20	399.56	360.95	4,597.39
1975	Wet	330.48	299.87	262.27	479.29	451.88	437.97	374.17	362.75	384.52	384.84	402.05	364.96	4,535.05
1976	Critical	334.97	304.56	268.49	420.44	396.69	252.09	311.44	357.67	148.78	423.96	319.46	413.63	3,952.18
1977	Critical	318.39	287.43	223.73	94.88	97.95	100.51	102.56	22.14	13.91	17.60	15.60	12.41	1,307.11
1978	Above Normal	4.90	42.78	226.18	53.86	95.02	249.54	336.48	341.75	360.66	367.58	381.44	343.26	2,803.45
1979	Below Normal	302.30	273.64	234.49	345.72	321.66	372.51	361.03	350.92	372.23	373.01	390.35	353.19	4,051.05
1980	Above Normal	322.89	293.16	257.84	403.92	471.39	531.54	289.89	322.94	342.22	346.93	366.81	327.60	4,277.13
1981	Dry	295.43	268.01	232.26	486.52	455.14	377.66	312.38	364.40	134.60	454.10	407.34	423.95	4,211.79
1982	Wet	329.01	298.67	235.69	198.46	219.32	517.21	372.52	361.83	394.68	397.76	421.10	377.20	4,123.45
1983	Wet	345.07	347.41	495.96	471.87	455.14	511.81	260.11	271.19	317.61	321.43	287.00	288.95	4,373.55
1984	Wet	281.52	257.61	498.07	471.87	471.39	513.22	318.33	361.00	381.02	383.62	402.76	365.35	4,705.76
1985	Dry	335.21	304.94	360.97	434.11	425.16	396.08	345.32	340.91	358.26	358.90	375.41	339.63	4,374.90
1986	Wet	310.50	281.74	246.89	396.32	360.18	408.96	371.71	370.38	392.54	394.99	416.99	373.31	4,324.51
1987	Dry	341.44	310.97	271.62	487.40	451.55	252.68	218.04	260.72	264.27	260.61	234.33	206.05	3,559.68
1988	Critical	111.00	81.10	67.05	56.06	83.44	93.14	157.74	182.86	181.97	182.01	162.48	142.46	1,501.31
1989	Dry	69.47	52.52	44.78	36.70	72.74	92.72	343.55	399.19	293.08	448.08	405.25	417.78	2,675.86
1990	Critical	323.10	292.11	227.76	99.75	107.03	117.39	198.63	235.26	237.41	235.59	210.71	185.07	2,469.81
1991	Critical	96.59	70.09	59.13	50.57	70.27	90.94	159.98	173.52	105.74	213.48	188.77	166.55	1,445.63
1992	Critical	82.25	53.42	54.58	44.53	66.86	87.30	158.18	183.55	182.07	15.94	15.22	134.26	1,078.16
1993	Above Normal	192.64	14.79	246.70	58.11	175.83	261.46	337.43	351.85	248.44	404.16	417.92	375.50	3,084.83
1994	Critical	321.29	291.79	244.95	296.41	268.93	214.34	286.49	325.85	270.24	358.26	106.00	328.25	3,312.80
1995	Wet	67.16	222.43	421.13	53.63	152.95	230.76	392.25	381.37	403.15	405.99	427.04	384.83	3,542.69
1996	Wet	353.78	321.92	282.78	244.25	276.46	322.59	368.03	355.19	376.01	377.64	395.98	358.63	4,033.26
1997	Wet	329.07	299.15	263.03	471.87	455.14	532.44	332.08	341.78	361.17	364.12	384.74	346.16	4,480.75
1998	Wet	314.64	286.04	249.08	482.39	455.14	470.12	338.38	331.62	335.63	340.58	376.37	336.94	4,316.93
1999	Wet	347.05	319.60	316.65	487.40	455.14	454.68	335.16	357.09	377.29	380.67	400.21	362.36	4,593.30
2000	Above Normal	332.58	302.43	265.37	444.10	414.52	319.20	339.76	382.20	395.67	421.27	429.69	382.22	4,429.01
2001	Dry	303.81	275.88	221.28	157.91	140.33	134.01	228.66	276.17	282.33	281.15	252.56	222.11	2,776.20
2002	Dry	121.27	90.48	73.70	50.98	105.16	169.74	375.36	361.74	366.80	369.71	385.86	348.66	2,819.46
2003	Above Normal	319.03	204.85	335.29	69.06	112.90	169.81	286.39	326.83	31.78	423.58	426.03	378.00	3,083.55
	Average	278.64	255.10	247.03	269.35	276.06	306.03	309.56	326.96	296.13	357.98	352.49	324.11	3,599.44
	Wet	298.89	280.40	272.61	354.29	374.15	433.66	345.44	347.90	365.25	372.89	390.87	352.93	4,189.30
	Above Normal	302.93	240.47	275.89	257.29	280.81	307.87	324.36	348.25	288.95	400.43	414.82	371.24	3,813.30
	Below Normal	285.86	279.28	247.53	278.06	273.45	338.62	330.73	339.91	249.47	414.21	425.63	380.37	3,843.12
	Dry	257.20	243.03	239.30	224.58	214.99	208.60	304.34	339.93	307.33	368.60	349.65	329.51	3,387.08
	Critical	234.19	204.78	173.78	154.38	153.45	135.80	200.10	225.74	191.16	201.68	125.94	140.80	2,141.80

Difference in Energy Use (GWh) At Pumping Plant at Edmonston: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	38.22	1.61	1.01	6.43	9.94	26.12	27.06	30.21	26.43	13.92
1923	Below Normal	24.87	24.27	21.72	0.00	0.00	81.29	103.96	(183.70)	(321.12)	99.69	101.12	93.91	3.83
1924	Critical	95.53	89.51	83.39	88.30	68.41	27.83	24.29	31.68	(52.15)	(195.95)	(174.83)	(154.40)	(5.70)
1925	Dry	105.62	234.31	345.63	34.18	19.78	(93.57)	(9.02)	(56.31)	(50.94)	(54.69)	(57.06)	(49.79)	30.68
1926	Dry	(41.22)	(37.38)	(29.38)	13.02	0.47	8.61	9.29	26.72	12.95	35.58	35.55	31.92	5.51
1927	Wet	(32.16)	58.05	46.99	12.18	(6.71)	1.09	(7.15)	(8.33)	6.85	6.89	6.32	7.16	7.60
1928	Above Normal	7.18	7.85	8.63	13.19	(7.23)	(9.50)	(8.69)	17.43	(161.47)	71.48	67.80	59.63	5.53
1929	Critical	33.97	32.37	18.32	(86.08)	(86.59)	(26.06)	17.48	6.41	6.87	(31.10)	(158.20)	(127.18)	(33.32)
1930	Dry	31.81	34.31	250.26	24.62	(0.46)	0.28	(5.23)	(3.38)	(30.32)	1.08	(4.91)	(4.18)	24.49
1931	Critical	(10.29)	(12.60)	(10.20)	1.85	(0.57)	2.51	1.25	1.63	1.74	1.71	(54.30)	(177.96)	(21.27)
1932	Dry	(10.81)	89.43	143.50	10.94	1.31	3.83	(0.01)	(0.08)	15.42	15.50	15.62	15.60	25.02
1933	Critical	15.75	15.79	15.73	16.95	0.41	4.73	6.28	4.49	7.50	11.65	17.65	16.28	11.10
1934	Critical	(4.69)	(3.10)	67.55	8.98	3.18	(3.49)	(9.56)	(12.45)	(13.09)	(12.80)	(15.28)	0.00	0.44
1935	Below Normal	70.24	(53.03)	(39.39)	(0.97)	0.29	1.43	7.64	9.41	67.19	16.28	16.82	16.42	9.36
1936	Below Normal	16.81	15.94	15.67	15.02	(0.20)	(21.59)	0.44	0.37	15.92	15.91	15.96	15.92	8.85
1937	Below Normal	15.93	15.89	15.85	(0.18)	0.00	50.75	(5.37)	(5.17)	10.16	10.28	10.22	10.48	10.74
1938	Wet	10.35	10.78	(4.44)	0.00	0.00	(10.38)	7.66	(21.26)	(21.39)	7.69	(5.84)	12.20	(1.22)
1939	Dry	12.09	12.38	12.60	15.53	0.00	(7.48)	(31.11)	5.48	46.82	13.66	9.24	13.53	8.56
1940	Above Normal	14.89	(52.37)	52.40	2.48	(9.91)	(3.16)	(0.19)	(0.23)	14.12	15.25	15.23	15.25	5.31
1941	Wet	15.25	15.24	11.73	0.10	(0.03)	(16.27)	(0.01)	(0.01)	15.53	15.53	15.53	15.53	7.34
1942	Wet	15.53	15.53	7.16	0.00	0.00	(1.89)	0.39	(0.98)	14.48	14.43	14.22	14.51	7.78
1943	Wet	14.63	14.68	14.87	5.06	0.00	7.82	8.06	(0.10)	15.41	15.30	14.97	15.28	10.50
1944	Dry	15.44	15.43	15.65	(29.09)	(40.14)	(13.77)	(0.69)	(0.44)	11.20	10.72	10.10	10.26	0.39
1945	Below Normal	9.65	9.47	9.90	10.93	(0.30)	(40.22)	0.50	0.49	16.03	16.03	16.05	16.01	5.38
1946	Below Normal	16.01	15.97	18.15	15.53	0.00	1.18	1.45	1.50	17.09	17.09	17.17	17.02	11.51
1947	Dry	17.02	16.90	16.76	18.07	0.57	(0.44)	(0.46)	0.88	10.46	11.01	10.85	10.56	9.35
1948	Below Normal	9.34	9.37	8.88	4.04	(5.10)	(1.88)	0.23	7.01	0.00	0.07	0.16	0.11	2.69
1949	Dry	0.12	0.11	0.11	(0.08)	0.09	(0.27)	(0.08)	0.29	0.53	0.68	0.64	0.56	0.22
1950	Below Normal	0.22	0.23	0.08	(2.82)	(2.77)	(0.88)	(0.06)	(0.06)	9.23	9.14	9.14	9.15	2.55
1951	Above Normal	9.15	9.16	(3.76)	0.00	0.00	0.00	0.00	0.00	15.53	15.53	15.53	15.53	6.39
1952	Wet	15.53	15.53	15.54	15.53	(0.02)	(0.02)	(0.04)	(12.14)	(12.88)	1.89	(0.33)	3.35	3.50
1953	Wet	4.82	5.44	29.72	15.53	0.00	(38.70)	(73.50)	(5.85)	13.21	11.49	11.79	12.67	(1.11)
1954	Above Normal	16.14	16.11	17.64	33.22	17.34	12.97	2.15	2.74	20.90	4.58	8.19	7.94	13.33
1955	Dry	7.85	7.75	7.59	7.71	0.11	(0.43)	(2.07)	(2.49)	(0.16)	(0.33)	(0.38)	(0.08)	2.09
1956	Wet	0.32	0.48	0.83	(55.02)	0.07	0.11	0.27	0.26	15.80	15.79	15.80	15.78	0.87
1957	Above Normal	15.78	15.76	15.74	15.53	(0.11)	(0.16)	0.14	1.08	14.69	14.72	14.73	14.72	10.22
1958	Wet	14.72	14.72	14.71	14.69	0.01	(0.42)	0.00	0.00	15.54	15.53	15.53	15.53	10.05
1959	Below Normal	15.53	15.53	15.54	15.53	0.00	(10.49)	(7.37)	(8.79)	(51.14)	13.00	11.81	12.03	1.77
1960	Dry	11.52	11.41	11.13	9.56	(1.30)	0.64	0.56	(0.74)	13.62	(3.99)	11.08	(8.53)	4.58
1961	Dry	(5.18)	(5.07)	(3.54)	6.12	5.49	2.14	0.64	0.77	0.79	0.84	4.20	(0.27)	0.58
1962	Below Normal	(0.29)	0.02	(0.12)	0.00	0.00	0.00	0.00	0.00	15.04	15.05	15.05	15.05	4.98
1963	Wet	15.04	15.05	15.04	15.04	0.00	0.00	0.00	0.00	15.53	15.53	15.53	15.53	10.19
1964	Dry	15.53	15.53	15.56	15.51	(0.15)	0.84	(0.16)	(0.15)	0.06	0.06	0.06	0.08	5.23
1965	Wet	0.08	0.09	0.09	1.65	0.84	(2.22)	0.11	0.69	10.00	17.47	17.39	17.19	5.28
1966	Below Normal	16.69	16.60	16.28	13.13	(2.36)	(1.10)	0.02	0.08	12.58	12.22	12.21	12.20	9.05
1967	Wet	12.15	12.15	12.14	11.66	(0.24)	(0.03)	0.11	(0.32)	(0.34)	15.17	15.10	15.21	7.73
1968	Below Normal	15.26	6.17	(1.56)	15.53	0.00	1.73	0.42	5.12	18.01	21.17	20.65	18.92	10.12
1969	Wet	12.22	12.27	9.74	(82.13)	0.00	0.00	(1.93)	(1.85)	(1.92)	13.64	13.61	13.70	(1.05)
1970	Wet	13.66	13.81	13.93	0.00	0.00	(1.29)	(8.93)	1.26	16.86	16.85	16.91	16.79	8.32
1971	Wet	16.78	16.69	16.58	15.53	0.00	0.65	(0.65)	(0.82)	5.48	11.63	11.52	11.53	8.74
1972	Below Normal	11.48	11.47	11.44	11.76	0.29	0.07	(0.07)	(0.19)	0.04	0.00	0.03	0.06	3.87
1973	Above Normal	0.18	0.18	0.22	0.70	0.40	0.86	(0.65)	0.06	15.60	15.60	15.60	15.59	5.36
1974	Wet	15.60	15.59	15.58	15.53	0.00	(23.43)	21.34	(2.69)	12.67	12.50	11.98	12.78	8.95
1975	Wet	13.09	13.24	13.74	7.42	(3.26)	(16.31)	3.53	3.51	19.20	19.18	19.36	19.01	9.31
1976	Critical	19.00	18.73	18.42	19.44	2.93	0.50	(1.64)	(1.97)	(1.57)	(2.22)	1.43	(3.09)	5.83
1977	Critical	(2.65)	(2.47)	(2.08)	(0.28)	(0.25)	(0.09)	9.87	0.00	0.14	0.00	(0.13)	0.00	0.17
1978	Above Normal	0.00	(1.41)	0.93	0.00	0.06	(6.52)	(1.33)	11.15	25.46	31.13	29.12	26.32	9.58
1979	Below Normal	14.43	14.44	8.92	(49.80)	(116.51)	(10.97)	42.40	2.82	18.43	18.26	18.11	18.30	(1.76)
1980	Above Normal	18.56	18.29	18.25	(17.18)	0.00	19.63	(15.92)	(12.93)	1.89	1.44	(0.38)	2.34	2.83
1981	Dry	3.25	4.08	5.98	25.96	0.00	42.41	6.79	8.63	76.20	12.08	(1.44)	17.81	16.81
1982	Wet	17.50	17.27	16.84	15.41	1.29	0.06	0.05	0.05	15.59	15.59	15.60	15.59	10.90
1983	Wet	(9.00)	24.66	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.53	15.53	3.89
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	15.54	15.55	15.55	15.55	5.19
1985	Dry	15.55	15.55	15.55	15.52	(0.01)	(0.02)	0.01	0.01	11.39	11.39	11.39	11.38	8.98
1986	Wet	11.39	11.38	11.38	11.38	0.00	(121.28)	27.58	0.17	15.71	15.72	15.74	15.69	1.24
1987	Dry	15.67	15.66	15.64	15.53	0.03	0.11	(7.19)	(9.37)	(9.46)	(9.25)	(8.28)	(7.28)	0.98
1988	Critical	(4.67)	(3.69)	(2.24)	(1.08)	(0.72)	(0.23)	0.01	0.00	0.01	0.00	0.00	0.01	(1.05)
1989	Dry	0.01	0.01	0.00	(0.07)	(0.08)	(0.11)	(0.32)	(0.40)	(2.30)	(0.02)	(12.41)	3.88	(0.98)
1990	Critical	3.16	2.89	2.28	(0.09)	(0.03)	0.01	0.04	0.05	0.05	0.05	0.05	0.04	0.71
1991	Critical	0.02	0.02	0.01	0.00	(0.01)	(0.01)	(0.04)	(3.95)	0.05	1.06	0.84	0.77	(0.10)
1992	Critical	0.44	(3.72)	2.69	1.52	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	0.00	0.00	(1.08)	(0.02)
1993	Above Normal	(1.01)	(1.67)	3.68	0.00	(0.19)	(0.83)	(0.03)	0.40	11.39	16.94	16.85	16.69	5.19
1994	Critical	16.23	16.17	15.91	13.58	(1.68)	(0.79)	0.04	0.04	0.70	0.08	0.14	(0.24)	5.02
1995	Wet	(0.08)	(0.05)	0.08	0.13	(0.02)	(0.02)	0.01	0.01	15.54	15.54	15.54	15.53	5.18
1996	Wet	15.53	15.53	15.53	(195.41)	(174.80)	(79.30)	(7.47)	(7.53)	7.65	7.62	7.31	8.26	(32.26)
1997	Wet	8.45	8.94	9.58	0.00	0.00	0.54	1.73	0.88	16.44	16.42	16.44	16.40	7.99
1998	Wet	16.43	16.35	16.30	17.98	0.00	(0.38)	(0.27)	(12.33)	(13.09)	(13.84)	(0.52)	3.17	2.48
1999	Wet	30.21	(2.45)	18.57	15.53	0.00	(29.44)	(18.78)	0.61	16.18	16.18	16.26	16.16	6.59
2000	Above Normal	16.14	16.09	16.01	17.22	2.13	(2.74)	(0.84)	1.63	16.06	17.13	16.79	16.26	10.99
2001	Dry	13.85	13.90	13.09	2.85	(10.61)	(2.95)	1.62	2.10	4.94	4.90	4.66	4.44	4.40
2002	Dry	3.84	3.63	3.30	2.87	0.29	(0.17)	(1.10)	(1.09)	(0.98)	(0.98)	(1.03)	(0.93)	0.64
2003	Above Normal	(0.92)	9.76	(11.29)	3.84	3.34	1.24	(0.05)	(0.06)	10.51	10.48	10.47	10.48	3.98
	Average	11.63	13.16	19.41	3.23	(4.17)	(3.96)	1.06	(2.56)	1.56	7.82	5.81	5.37	4.86
	Wet	9.54	13.11	12.39	(5.47)	(7.03)	(12.74)	(1.84)	(2.57)	8.83	12.13	12.57	13.68	4.38
	Above Normal	8.01	3.15	9.87	8.94	0.62	1.07	(1.58)	2.60	0.90	20.11	20.01	18.93	7.72
	Below Normal	16.87	7.31	7.24	3.41	(9.05)	3.52	10.30	(12.22)	(12.32)	18.87	18.89	18.26	5.92
	Dry	11.78	24.89	46.64	10.49	(1.37)	(3.35)	(2.14)	(1.64)	6.12	2.68	1.55	2.72	8.20
	Critical	13.48	12.49	17.48	5.26	(1.24)	0.41	4.00	2.16	(4.15)	(18.96)	(31.89)	(37.24)	(3.18)

Percent Difference in Energy Use (GWh) At Pumping Plant at Edmonston: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	43%	1%	0%	2%	3%	8%	8%	8%	8%
1923	Below Normal	8%	9%	9%	0%	0%	18%	33%	-52%	-92%	27%	26%	28%
1924	Critical	35%	37%	43%	55%	43%	20%	13%	15%	-24%	-92%	-92%	-93%
1925	Dry	126%	375%	652%	75%	28%	-42%	-3%	-15%	-13%	-13%	-14%	-14%
1926	Dry	-15%	-15%	-15%	13%	0%	5%	4%	8%	4%	10%	10%	10%
1927	Wet	-13%	27%	29%	13%	-5%	0%	-2%	-2%	2%	2%	2%	2%
1928	Above Normal	2%	3%	3%	3%	-2%	-4%	-2%	5%	-44%	19%	18%	17%
1929	Critical	11%	11%	7%	-23%	-25%	-14%	11%	3%	4%	-16%	-91%	-86%
1930	Dry	41%	60%	512%	61%	-1%	0%	-2%	-1%	-10%	0%	-2%	-2%
1931	Critical	-6%	-9%	-9%	2%	-1%	2%	1%	1%	1%	1%	-25%	-94%
1932	Dry	-11%	117%	227%	19%	1%	3%	0%	0%	5%	5%	5%	6%
1933	Critical	8%	9%	12%	20%	0%	4%	3%	2%	3%	4%	7%	7%
1934	Critical	-3%	-3%	85%	13%	4%	-3%	-4%	-5%	-5%	-5%	-50%	0%
1935	Below Normal	48%	-19%	-19%	-1%	0%	1%	2%	2%	29%	4%	4%	4%
1936	Below Normal	6%	6%	7%	15%	0%	-5%	0%	0%	4%	4%	4%	4%
1937	Below Normal	5%	5%	6%	0%	0%	11%	-2%	-1%	3%	3%	3%	3%
1938	Wet	3%	4%	-2%	0%	0%	-2%	2%	-6%	-6%	2%	-2%	4%
1939	Dry	4%	5%	5%	3%	0%	-1%	-8%	1%	31%	3%	3%	3%
1940	Above Normal	4%	-25%	15%	4%	-13%	-2%	0%	0%	4%	4%	4%	4%
1941	Wet	5%	6%	6%	0%	0%	-3%	0%	0%	5%	5%	5%	5%
1942	Wet	6%	6%	3%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1943	Wet	5%	6%	7%	1%	0%	2%	2%	0%	4%	4%	4%	4%
1944	Dry	5%	5%	6%	-9%	-13%	-7%	0%	0%	4%	3%	3%	4%
1945	Below Normal	5%	6%	8%	11%	0%	-8%	0%	0%	4%	4%	4%	5%
1946	Below Normal	5%	5%	5%	4%	0%	0%	0%	0%	5%	5%	5%	5%
1947	Dry	6%	6%	7%	4%	0%	0%	0%	0%	3%	3%	3%	3%
1948	Below Normal	3%	3%	4%	2%	-2%	-1%	0%	3%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-3%	-3%	-1%	0%	0%	71%	2%	2%	2%
1951	Above Normal	3%	3%	-1%	0%	0%	0%	0%	0%	4%	4%	4%	5%
1952	Wet	5%	5%	6%	3%	0%	0%	0%	-4%	-4%	1%	0%	1%
1953	Wet	2%	2%	9%	3%	0%	-7%	-17%	-2%	4%	3%	3%	4%
1954	Above Normal	6%	7%	9%	11%	6%	4%	1%	1%	6%	1%	2%	2%
1955	Dry	3%	3%	4%	7%	0%	0%	-1%	-1%	0%	0%	0%	0%
1956	Wet	0%	0%	1%	-14%	0%	0%	0%	0%	4%	4%	4%	4%
1957	Above Normal	5%	5%	6%	3%	0%	0%	0%	0%	101%	4%	4%	4%
1958	Wet	5%	6%	7%	17%	0%	0%	0%	0%	4%	4%	4%	4%
1959	Below Normal	5%	5%	6%	3%	0%	-2%	-2%	-2%	-30%	3%	3%	3%
1960	Dry	4%	4%	5%	10%	-1%	0%	0%	0%	5%	-1%	3%	-2%
1961	Dry	-1%	-2%	-1%	5%	4%	2%	0%	0%	0%	0%	1%	0%
1962	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	111%	3%	3%	4%
1963	Wet	5%	5%	7%	8%	0%	0%	0%	0%	4%	4%	4%	5%
1964	Dry	5%	6%	4%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	3%	5%	5%	5%
1966	Below Normal	6%	6%	7%	3%	-1%	0%	0%	0%	4%	3%	3%	3%
1967	Wet	4%	5%	6%	10%	0%	0%	0%	0%	0%	4%	4%	4%
1968	Below Normal	5%	2%	-1%	3%	0%	0%	0%	1%	5%	6%	6%	6%
1969	Wet	4%	5%	5%	-24%	0%	0%	-1%	-1%	-1%	4%	4%	4%
1970	Wet	4%	6%	6%	0%	0%	0%	-3%	0%	5%	5%	4%	5%
1971	Wet	5%	6%	7%	3%	0%	0%	0%	0%	2%	3%	3%	3%
1972	Below Normal	4%	5%	6%	12%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1974	Wet	5%	5%	6%	3%	0%	-5%	6%	-1%	3%	3%	3%	4%
1975	Wet	4%	5%	6%	2%	-1%	-4%	1%	1%	5%	5%	5%	5%
1976	Critical	6%	7%	7%	5%	1%	0%	-1%	-1%	-1%	-1%	0%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	11%	0%	1%	0%	-1%	0%
1978	Above Normal	0%	-3%	0%	0%	0%	-3%	0%	3%	8%	9%	8%	8%
1979	Below Normal	5%	6%	4%	-13%	-27%	-3%	13%	1%	5%	5%	5%	5%
1980	Above Normal	6%	7%	8%	-4%	0%	4%	-5%	-4%	1%	0%	0%	1%
1981	Dry	1%	2%	3%	6%	0%	13%	2%	2%	130%	3%	0%	4%
1982	Wet	6%	6%	8%	8%	1%	0%	0%	0%	4%	4%	4%	4%
1983	Wet	-3%	8%	0%	0%	0%	0%	0%	0%	0%	0%	6%	6%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1985	Dry	5%	5%	5%	4%	0%	0%	0%	0%	3%	3%	3%	3%
1986	Wet	4%	4%	5%	3%	0%	-23%	8%	0%	4%	4%	4%	4%
1987	Dry	5%	5%	6%	3%	0%	0%	-3%	-3%	-3%	-3%	-3%	-3%
1988	Critical	-4%	-4%	-3%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	-3%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%
1992	Critical	1%	-7%	5%	4%	0%	0%	0%	0%	0%	0%	0%	-1%
1993	Above Normal	-1%	-10%	2%	0%	0%	0%	0%	0%	5%	4%	4%	5%
1994	Critical	5%	6%	7%	5%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1996	Wet	5%	5%	6%	-44%	-39%	-20%	-2%	-2%	2%	2%	2%	2%
1997	Wet	3%	3%	4%	0%	0%	0%	1%	0%	5%	5%	4%	5%
1998	Wet	6%	6%	7%	4%	0%	0%	0%	-4%	-4%	-4%	0%	1%
1999	Wet	10%	-1%	6%	3%	0%	-6%	-5%	0%	4%	4%	4%	5%
2000	Above Normal	5%	6%	6%	4%	1%	-1%	0%	0%	4%	4%	4%	4%
2001	Dry	5%	5%	6%	2%	-7%	-2%	1%	1%	2%	2%	2%	2%
2002	Dry	3%	4%	5%	6%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	5%	-3%	6%	3%	1%	0%	0%	49%	3%	3%	3%
	Average	6%	10%	22%	5%	-1%	-1%	1%	-1%	6%	2%	0%	0%
	Wet	3%	5%	6%	0%	-2%	-3%	0%	-1%	2%	3%	3%	4%
	Above Normal	3%	0%	4%	6%	0%	0%	0%	1%	13%	5%	5%	5%
	Below Normal	7%	3%	3%	3%	-2%	1%	3%	-3%	9%	5%	5%	5%
	Dry	10%	33%	80%	12%	1%	-2%	-1%	0%	9%	1%	1%	1%
	Critical	4%	4%	13%	7%	2%	1%	3%	1%	-2%	-9%	-21%	-22%

Energy Use (GWh) At Pumping Plant at Las Perillas: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.73	0.54	0.48	0.23	0.30	0.40	0.69	0.96	1.18	1.23	1.08	0.76	8.58
1923	Below Normal	0.57	0.38	0.34	0.79	0.76	0.51	0.63	1.03	1.25	1.31	1.11	0.81	9.49
1924	Critical	0.44	0.32	0.29	0.19	0.18	0.18	0.27	0.34	0.64	0.66	0.58	0.29	4.38
1925	Dry	0.18	0.15	0.16	0.09	0.09	0.30	0.66	1.09	1.32	1.38	1.16	0.85	7.43
1926	Dry	0.43	0.32	0.29	0.09	0.11	0.21	0.37	0.95	1.14	1.20	1.01	0.74	6.86
1927	Wet	0.38	0.28	0.25	0.15	0.23	0.41	0.69	0.97	1.19	1.24	1.09	0.76	7.64
1928	Above Normal	0.57	0.39	0.35	0.68	0.63	0.36	0.67	0.93	1.14	1.19	1.05	0.73	8.69
1929	Critical	0.54	0.37	0.33	0.56	0.50	0.27	0.22	0.30	0.57	0.60	0.53	0.26	5.05
1930	Dry	0.16	0.14	0.15	0.08	0.11	0.16	0.45	0.67	0.96	1.00	0.86	0.54	5.28
1931	Critical	0.30	0.23	0.22	0.08	0.09	0.14	0.31	0.39	0.74	0.77	0.68	0.34	4.29
1932	Dry	0.21	0.18	0.19	0.10	0.15	0.20	0.48	0.78	0.99	1.03	0.87	0.62	5.80
1933	Critical	0.32	0.24	0.22	0.09	0.10	0.18	0.36	0.53	0.89	0.93	0.81	0.44	5.11
1934	Critical	0.26	0.21	0.22	0.09	0.08	0.15	0.34	0.42	0.79	0.82	0.73	0.36	4.47
1935	Below Normal	0.23	0.19	0.20	0.09	0.12	0.19	0.66	1.09	1.32	1.38	1.16	0.86	7.49
1936	Below Normal	0.44	0.33	0.29	0.10	0.17	0.47	0.71	1.01	1.24	1.29	1.15	0.80	8.00
1937	Below Normal	0.60	0.41	0.37	0.63	0.66	0.37	0.85	1.17	1.43	1.49	1.32	0.92	10.22
1938	Wet	0.70	0.47	0.43	0.95	0.91	0.54	0.90	1.31	1.60	1.66	1.48	0.98	11.93
1939	Dry	0.74	0.50	0.45	0.91	0.86	0.55	0.65	1.06	1.29	1.34	1.14	0.83	10.32
1940	Above Normal	0.44	0.32	0.29	0.12	0.12	0.27	0.65	1.10	1.34	1.40	1.18	0.87	8.10
1941	Wet	0.44	0.33	0.29	0.25	0.32	0.43	0.78	1.10	1.34	1.40	1.24	0.87	8.79
1942	Wet	0.65	0.44	0.40	0.91	0.90	0.63	0.73	1.01	1.24	1.29	1.14	0.80	10.14
1943	Wet	0.60	0.40	0.36	0.78	0.82	0.58	0.85	1.17	1.44	1.49	1.32	0.92	10.73
1944	Dry	0.69	0.47	0.42	0.55	0.49	0.31	0.48	0.76	1.00	1.04	0.88	0.61	7.70
1945	Below Normal	0.32	0.24	0.23	0.13	0.13	0.47	0.71	0.97	1.20	1.25	1.10	0.77	7.52
1946	Below Normal	0.58	0.39	0.43	0.82	0.53	0.46	0.65	0.92	1.14	1.19	1.05	0.73	8.89
1947	Dry	0.55	0.37	0.33	0.67	0.59	0.38	0.68	1.04	1.27	1.32	1.14	0.82	9.16
1948	Below Normal	0.50	0.35	0.32	0.33	0.30	0.20	0.34	0.97	1.17	1.22	1.03	0.76	7.49
1949	Dry	0.39	0.29	0.26	0.13	0.13	0.20	0.69	1.03	1.25	1.31	1.13	0.81	7.62
1950	Below Normal	0.51	0.36	0.32	0.19	0.17	0.19	0.59	0.97	1.18	1.23	1.04	0.76	7.51
1951	Above Normal	0.39	0.29	0.26	0.40	0.42	0.48	0.67	0.96	1.19	1.23	1.09	0.76	8.14
1952	Wet	0.57	0.38	0.34	0.80	0.79	0.56	0.74	1.11	1.35	1.40	1.25	0.87	10.16
1953	Wet	0.67	0.47	0.50	0.97	0.91	0.58	0.62	0.92	1.13	1.18	1.02	0.73	9.70
1954	Above Normal	0.48	0.33	0.29	0.46	0.48	0.42	0.66	1.10	1.33	1.39	1.17	0.86	8.97
1955	Dry	0.43	0.32	0.29	0.15	0.17	0.23	0.54	0.90	1.09	1.14	0.96	0.71	6.93
1956	Wet	0.35	0.26	0.23	0.38	0.47	0.54	0.78	1.09	1.35	1.40	1.24	0.87	8.96
1957	Above Normal	0.65	0.43	0.39	0.73	0.67	0.43	0.54	0.90	1.09	1.14	0.96	0.70	8.63
1958	Wet	0.35	0.26	0.24	0.21	0.36	0.52	0.93	1.28	1.58	1.64	1.45	1.01	9.83
1959	Below Normal	0.76	0.51	0.46	0.85	0.82	0.54	0.62	1.04	1.26	1.31	1.10	0.81	10.08
1960	Dry	0.41	0.30	0.27	0.09	0.08	0.17	0.70	1.13	1.37	1.44	1.21	0.89	8.06
1961	Dry	0.47	0.35	0.31	0.13	0.14	0.17	0.59	0.97	1.17	1.22	1.03	0.76	7.31
1962	Below Normal	0.39	0.29	0.26	0.09	0.09	0.25	0.60	1.00	1.21	1.26	1.06	0.78	7.28
1963	Wet	0.40	0.30	0.27	0.31	0.33	0.39	0.65	0.92	1.14	1.18	1.05	0.73	7.67
1964	Dry	0.55	0.36	0.41	0.69	0.42	0.37	0.69	0.94	1.16	1.21	1.07	0.75	8.62
1965	Wet	0.56	0.38	0.34	0.66	0.68	0.46	0.63	0.89	1.10	1.14	1.00	0.70	8.54
1966	Below Normal	0.51	0.34	0.31	0.67	0.67	0.47	0.64	1.06	1.28	1.34	1.13	0.83	9.25
1967	Wet	0.43	0.32	0.29	0.21	0.40	0.45	0.77	1.10	1.35	1.41	1.24	0.87	8.84
1968	Below Normal	0.65	0.44	0.40	0.83	0.84	0.55	0.63	0.98	1.20	1.25	1.07	0.77	9.61
1969	Wet	0.46	0.33	0.29	0.46	0.37	0.44	0.83	1.13	1.38	1.43	1.28	0.89	9.29
1970	Wet	0.68	0.47	0.42	1.02	0.89	0.59	0.67	0.95	1.18	1.22	1.08	0.76	9.93
1971	Wet	0.56	0.38	0.34	0.79	0.74	0.47	0.61	1.05	1.27	1.33	1.12	0.83	9.49
1972	Below Normal	0.41	0.31	0.27	0.22	0.27	0.35	0.65	1.05	1.28	1.33	1.13	0.82	8.09
1973	Above Normal	0.45	0.32	0.29	0.28	0.42	0.44	0.68	0.97	1.20	1.25	1.10	0.77	8.17
1974	Wet	0.58	0.39	0.35	0.83	0.84	0.61	0.78	1.08	1.34	1.39	1.23	0.86	10.28
1975	Wet	0.64	0.43	0.39	0.83	0.74	0.59	0.69	0.94	1.16	1.21	1.07	0.75	9.44
1976	Critical	0.56	0.37	0.34	0.67	0.59	0.37	0.61	1.01	1.23	1.29	1.08	0.79	8.91
1977	Critical	0.40	0.30	0.27	0.09	0.08	0.12	0.22	0.27	0.00	0.00	0.06	1.05	2.86
1978	Above Normal	0.42	0.31	0.29	0.08	0.18	0.36	0.66	0.92	1.13	1.17	1.04	0.72	7.28
1979	Below Normal	0.54	0.37	0.33	0.61	0.57	0.50	0.71	1.02	1.25	1.30	1.15	0.81	9.16
1980	Above Normal	0.60	0.41	0.37	0.74	0.78	0.44	0.83	1.12	1.36	1.41	1.26	0.88	10.20
1981	Dry	0.67	0.47	0.43	0.86	0.84	0.50	0.59	1.00	1.22	1.27	1.07	0.79	9.71
1982	Wet	0.39	0.29	0.26	0.27	0.35	0.54	1.00	1.27	1.57	1.63	1.44	1.01	10.02
1983	Wet	0.75	0.51	0.46	0.98	0.71	0.42	0.81	1.09	1.33	1.38	1.23	0.86	10.53
1984	Wet	0.73	0.54	0.49	1.09	0.81	0.47	0.66	0.96	1.18	1.23	1.09	0.76	10.01
1985	Dry	0.57	0.38	0.42	0.76	0.69	0.53	0.64	0.90	1.12	1.16	1.03	0.72	8.92
1986	Wet	0.54	0.36	0.32	0.58	0.53	0.60	0.84	1.13	1.38	1.43	1.27	0.89	9.87
1987	Dry	0.68	0.47	0.43	0.74	0.66	0.33	0.35	0.44	0.82	0.85	0.75	0.38	6.90
1988	Critical	0.23	0.20	0.21	0.09	0.10	0.12	0.23	0.29	0.54	0.56	0.50	0.25	3.32
1989	Dry	0.15	0.13	0.14	0.09	0.09	0.12	0.68	1.14	1.38	1.44	1.21	0.89	7.46
1990	Critical	0.46	0.34	0.31	0.09	0.09	0.15	0.30	0.38	0.71	0.74	0.65	0.32	4.54
1991	Critical	0.20	0.17	0.18	0.09	0.08	0.12	0.23	0.29	0.55	0.58	0.51	0.25	3.25
1992	Critical	0.16	0.13	0.14	0.09	0.08	0.12	0.23	0.28	0.54	0.56	0.04	0.50	2.87
1993	Above Normal	0.24	0.19	0.18	0.08	0.30	0.35	0.66	0.98	1.20	1.25	1.08	0.77	7.28
1994	Critical	0.49	0.34	0.31	0.42	0.38	0.31	0.56	0.93	1.12	1.17	0.99	0.73	7.75
1995	Wet	0.37	0.27	0.24	0.09	0.28	0.33	0.85	1.17	1.44	1.50	1.33	0.93	8.80
1996	Wet	0.70	0.47	0.43	0.83	0.78	0.57	0.71	0.98	1.21	1.26	1.11	0.78	9.83
1997	Wet	0.58	0.39	0.35	0.81	0.81	0.63	0.79	1.09	1.34	1.40	1.24	0.86	10.29
1998	Wet	0.65	0.43	0.39	0.75	0.85	0.62	0.79	1.28	1.57	1.63	1.44	1.01	11.41
1999	Wet	0.76	0.59	0.55	0.95	0.95	0.67	0.67	0.96	1.18	1.23	1.09	0.76	10.36
2000	Above Normal	0.57	0.38	0.34	0.66	0.66	0.48	0.67	1.08	1.31	1.37	1.16	0.85	9.53
2001	Dry	0.46	0.34	0.30	0.18	0.17	0.18	0.36	0.45	0.84	0.87	0.77	0.39	5.31
2002	Dry	0.24	0.20	0.22	0.16	0.19	0.25	0.68	0.93	1.15	1.19	1.05	0.74	7.00
2003	Above Normal	0.55	0.37	0.34	0.25	0.23	0.25	0.55	0.91	1.11	1.16	0.97	0.72	7.41
	Average	0.49	0.35	0.32	0.45	0.44	0.38	0.62	0.92	1.16	1.21	1.05	0.75	8.13
	Wet	0.56	0.39	0.35	0.65	0.65	0.52	0.76	1.08	1.32	1.37	1.21	0.85	9.71
	Above Normal	0.51	0.36	0.32	0.39	0.43	0.39	0.66	0.99	1.22	1.27	1.10	0.78	8.42
	Below Normal	0.50	0.35	0.32	0.45	0.44	0.39	0.64	1.02	1.24	1.30	1.11	0.80	8.58
	Dry	0.44	0.32	0.30	0.36	0.33	0.29	0.57	0.90	1.14	1.19	1.02	0.71	7.58
	Critical	0.36	0.27	0.25	0.21	0.20	0.19	0.32	0.45	0.69	0.72	0.60	0.47	4.73

Energy Use (GWh) At Pumping Plant at Las Perillas: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.73	0.54	0.48	0.29	0.35	0.46	0.81	1.14	1.41	1.47	1.30	0.91	9.89
1923	Below Normal	0.68	0.46	0.41	0.89	0.86	0.57	0.63	0.98	1.20	1.25	1.07	0.77	9.77
1924	Critical	0.46	0.32	0.29	0.33	0.30	0.23	0.32	0.39	0.74	0.77	0.06	0.52	4.73
1925	Dry	0.39	0.32	0.30	0.12	0.12	0.19	0.55	0.92	1.11	1.16	0.98	0.72	6.88
1926	Dry	0.36	0.27	0.24	0.12	0.12	0.23	0.41	1.02	1.24	1.29	1.09	0.80	7.19
1927	Wet	0.41	0.30	0.27	0.15	0.21	0.41	0.68	0.94	1.16	1.21	1.07	0.75	7.56
1928	Above Normal	0.56	0.38	0.34	0.66	0.61	0.35	0.68	1.02	1.24	1.29	1.12	0.80	9.05
1929	Critical	0.51	0.36	0.32	0.39	0.35	0.23	0.25	0.32	0.60	0.62	0.44	0.30	4.69
1930	Dry	0.20	0.17	0.18	0.10	0.10	0.15	0.43	0.61	0.93	0.97	0.84	0.50	5.18
1931	Critical	0.28	0.23	0.22	0.10	0.09	0.14	0.32	0.40	0.74	0.77	0.68	0.20	4.17
1932	Dry	0.26	0.22	0.23	0.10	0.15	0.20	0.48	0.79	0.99	1.03	0.87	0.62	5.94
1933	Critical	0.32	0.24	0.22	0.09	0.10	0.19	0.39	0.60	0.92	0.96	0.83	0.49	5.35
1934	Critical	0.28	0.22	0.22	0.09	0.08	0.14	0.32	0.40	0.75	0.78	0.66	0.32	4.26
1935	Below Normal	0.23	0.20	0.21	0.09	0.12	0.20	0.67	1.12	1.36	1.42	1.19	0.88	7.69
1936	Below Normal	0.45	0.33	0.30	0.10	0.17	0.47	0.71	1.01	1.25	1.30	1.15	0.80	8.04
1937	Below Normal	0.60	0.41	0.37	0.63	0.65	0.55	0.85	1.17	1.43	1.49	1.32	0.92	10.39
1938	Wet	0.70	0.47	0.43	0.86	0.98	0.67	0.90	1.23	1.52	1.58	1.40	0.98	11.72
1939	Dry	0.73	0.50	0.45	0.91	0.85	0.54	0.65	1.06	1.29	1.34	1.14	0.83	10.29
1940	Above Normal	0.45	0.33	0.29	0.10	0.10	0.27	0.65	1.10	1.34	1.40	1.18	0.87	8.08
1941	Wet	0.44	0.33	0.29	0.25	0.32	0.43	0.78	1.10	1.34	1.40	1.24	0.87	8.79
1942	Wet	0.65	0.44	0.40	0.91	0.90	0.63	0.72	0.99	1.22	1.27	1.13	0.79	10.05
1943	Wet	0.59	0.39	0.35	0.78	0.80	0.57	0.84	1.15	1.41	1.47	1.30	0.91	10.56
1944	Dry	0.68	0.46	0.42	0.44	0.39	0.27	0.48	0.75	0.99	1.04	0.88	0.60	7.40
1945	Below Normal	0.32	0.24	0.23	0.13	0.13	0.47	0.71	0.98	1.20	1.25	1.11	0.77	7.54
1946	Below Normal	0.58	0.39	0.43	0.82	0.53	0.46	0.66	0.93	1.15	1.19	1.05	0.74	8.93
1947	Dry	0.55	0.37	0.33	0.67	0.59	0.38	0.68	1.04	1.27	1.33	1.14	0.82	9.17
1948	Below Normal	0.50	0.35	0.32	0.32	0.29	0.20	0.34	0.97	1.17	1.23	1.03	0.76	7.48
1949	Dry	0.39	0.29	0.26	0.13	0.13	0.20	0.69	1.03	1.25	1.31	1.13	0.81	7.62
1950	Below Normal	0.51	0.36	0.32	0.18	0.16	0.19	0.59	0.97	1.18	1.23	1.04	0.76	7.49
1951	Above Normal	0.39	0.29	0.26	0.40	0.42	0.48	0.67	0.96	1.19	1.23	1.09	0.76	8.14
1952	Wet	0.57	0.38	0.34	0.80	0.79	0.56	0.74	1.04	1.27	1.32	1.18	0.82	9.81
1953	Wet	0.62	0.42	0.46	0.91	0.84	0.56	0.62	0.91	1.12	1.16	1.01	0.72	9.35
1954	Above Normal	0.48	0.33	0.30	0.49	0.52	0.44	0.66	1.11	1.34	1.40	1.18	0.87	9.12
1955	Dry	0.44	0.33	0.29	0.15	0.17	0.23	0.54	0.89	1.08	1.13	0.95	0.70	6.90
1956	Wet	0.35	0.26	0.23	0.37	0.47	0.54	0.78	1.09	1.35	1.40	1.24	0.87	8.95
1957	Above Normal	0.65	0.43	0.39	0.73	0.67	0.43	0.54	0.90	0.86	1.18	1.00	0.74	8.52
1958	Wet	0.39	0.30	0.27	0.21	0.36	0.52	0.93	1.28	1.58	1.64	1.45	1.01	9.94
1959	Below Normal	0.76	0.51	0.46	0.85	0.81	0.53	0.60	1.01	1.22	1.28	1.07	0.79	9.89
1960	Dry	0.40	0.29	0.26	0.09	0.08	0.18	0.70	1.13	1.37	1.43	1.21	0.89	8.03
1961	Dry	0.47	0.35	0.31	0.14	0.15	0.17	0.59	0.97	1.17	1.23	1.03	0.76	7.34
1962	Below Normal	0.39	0.29	0.26	0.09	0.09	0.25	0.60	1.00	1.21	1.26	1.06	0.78	7.28
1963	Wet	0.40	0.30	0.27	0.31	0.33	0.39	0.65	0.92	1.14	1.18	1.05	0.73	7.67
1964	Dry	0.55	0.36	0.41	0.69	0.42	0.37	0.69	0.94	1.16	1.21	1.07	0.75	8.62
1965	Wet	0.56	0.38	0.34	0.66	0.68	0.46	0.63	0.89	1.10	1.14	1.00	0.71	8.55
1966	Below Normal	0.51	0.34	0.31	0.66	0.67	0.47	0.64	1.06	1.29	1.34	1.13	0.83	9.25
1967	Wet	0.43	0.32	0.29	0.21	0.40	0.45	0.77	1.09	1.35	1.40	1.24	0.87	8.82
1968	Below Normal	0.65	0.44	0.40	0.82	0.84	0.54	0.63	1.01	1.23	1.28	1.09	0.80	9.73
1969	Wet	0.45	0.32	0.29	0.40	0.49	0.44	0.83	1.13	1.38	1.43	1.27	0.89	9.32
1970	Wet	0.75	0.47	0.42	1.02	0.95	0.57	0.67	0.96	1.18	1.23	1.08	0.76	10.06
1971	Wet	0.57	0.38	0.34	0.79	0.74	0.47	0.61	1.05	1.27	1.33	1.12	0.82	9.49
1972	Below Normal	0.41	0.31	0.27	0.22	0.27	0.35	0.65	1.05	1.27	1.33	1.13	0.82	8.08
1973	Above Normal	0.45	0.32	0.29	0.28	0.42	0.44	0.68	0.97	1.20	1.25	1.10	0.77	8.17
1974	Wet	0.58	0.39	0.35	0.83	0.84	0.61	0.76	1.05	1.29	1.34	1.19	0.83	10.06
1975	Wet	0.62	0.41	0.37	0.81	0.72	0.58	0.69	0.95	1.17	1.22	1.08	0.75	9.37
1976	Critical	0.56	0.38	0.34	0.67	0.59	0.37	0.61	1.01	1.22	1.28	1.08	0.79	8.90
1977	Critical	0.40	0.30	0.27	0.09	0.08	0.12	0.22	0.27	0.00	0.00	0.06	0.88	2.69
1978	Above Normal	0.26	0.49	0.45	0.08	0.18	0.35	0.67	0.95	1.17	1.22	1.06	0.75	7.63
1979	Below Normal	0.52	0.36	0.32	0.49	0.47	0.50	0.71	1.00	1.23	1.28	1.13	0.79	8.80
1980	Above Normal	0.59	0.40	0.36	0.72	0.78	0.60	0.77	1.07	1.31	1.36	1.21	0.85	10.02
1981	Dry	0.64	0.44	0.40	0.80	0.79	0.50	0.61	1.03	1.25	1.31	1.10	0.81	9.68
1982	Wet	0.40	0.30	0.27	0.27	0.35	0.53	1.00	1.27	1.57	1.63	1.44	1.01	10.04
1983	Wet	0.75	0.51	0.46	0.98	0.71	0.42	0.81	1.09	1.33	1.38	1.23	0.86	10.53
1984	Wet	0.73	0.54	0.49	1.09	0.80	0.47	0.66	0.96	1.18	1.23	1.09	0.76	10.00
1985	Dry	0.57	0.38	0.42	0.76	0.69	0.53	0.64	0.90	1.12	1.16	1.03	0.72	8.92
1986	Wet	0.54	0.36	0.32	0.58	0.53	0.60	0.84	1.13	1.38	1.43	1.28	0.89	9.88
1987	Dry	0.68	0.47	0.43	0.74	0.66	0.33	0.34	0.42	0.79	0.82	0.72	0.36	6.76
1988	Critical	0.23	0.19	0.21	0.09	0.10	0.12	0.23	0.29	0.54	0.56	0.50	0.25	3.31
1989	Dry	0.15	0.13	0.14	0.09	0.09	0.12	0.68	1.14	1.38	1.44	1.21	0.89	7.46
1990	Critical	0.46	0.34	0.31	0.09	0.09	0.15	0.30	0.38	0.71	0.74	0.65	0.32	4.54
1991	Critical	0.20	0.17	0.18	0.09	0.08	0.12	0.23	0.29	0.55	0.58	0.51	0.25	3.25
1992	Critical	0.15	0.13	0.14	0.09	0.08	0.12	0.23	0.28	0.54	0.46	0.04	0.53	2.79
1993	Above Normal	0.26	0.21	0.20	0.08	0.30	0.35	0.66	0.98	1.20	1.25	1.08	0.77	7.34
1994	Critical	0.49	0.34	0.31	0.42	0.37	0.31	0.56	0.93	1.12	1.17	0.99	0.73	7.74
1995	Wet	0.37	0.27	0.24	0.09	0.28	0.33	0.85	1.17	1.44	1.50	1.33	0.93	8.80
1996	Wet	0.70	0.47	0.43	0.46	0.47	0.44	0.69	0.95	1.17	1.21	1.07	0.75	8.81
1997	Wet	0.56	0.38	0.34	0.80	0.80	0.63	0.79	1.09	1.34	1.40	1.24	0.86	10.23
1998	Wet	0.65	0.43	0.39	0.75	0.85	0.62	0.79	1.13	1.40	1.45	1.28	0.90	10.64
1999	Wet	0.75	0.53	0.49	0.88	0.90	0.59	0.67	0.96	1.19	1.23	1.09	0.76	10.04
2000	Above Normal	0.57	0.38	0.34	0.66	0.66	0.48	0.67	1.09	1.32	1.38	1.17	0.85	9.57
2001	Dry	0.46	0.33	0.30	0.16	0.15	0.18	0.36	0.45	0.84	0.88	0.78	0.39	5.28
2002	Dry	0.24	0.20	0.22	0.16	0.18	0.25	0.68	0.93	1.14	1.19	1.05	0.73	6.97
2003	Above Normal	0.55	0.37	0.34	0.26	0.23	0.26	0.55	0.91	1.11	1.16	0.97	0.72	7.43
	Average	0.49	0.35	0.32	0.44	0.44	0.38	0.62	0.92	1.16	1.21	1.03	0.74	8.10
	Wet	0.56	0.39	0.35	0.62	0.64	0.52	0.76	1.06	1.30	1.35	1.20	0.84	9.58
	Above Normal	0.50	0.37	0.34	0.40	0.44	0.41	0.67	1.02	1.22	1.30	1.12	0.81	8.58
	Below Normal	0.51	0.36	0.33	0.45	0.43	0.41	0.64	1.02	1.24	1.30	1.11	0.80	8.60
	Dry	0.45	0.33	0.31	0.35	0.32	0.28	0.57	0.89	1.13	1.18	1.01	0.71	7.54
	Critical	0.36	0.27	0.25	0.21	0.19	0.19	0.33	0.46	0.70	0.72	0.54	0.47	4.70

Difference in Energy Use (GWh) At Pumping Plant at Las Perillas: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.06	0.05	0.06	0.12	0.18	0.23	0.24	0.22	0.15	0.11
1923	Below Normal	0.11	0.08	0.07	0.10	0.10	0.06	0.00	(0.05)	(0.05)	(0.06)	(0.04)	(0.04)	0.02
1924	Critical	0.02	0.00	0.00	0.14	0.12	0.05	0.05	0.05	0.10	0.11	(0.52)	0.23	0.03
1925	Dry	0.21	0.17	0.14	0.03	0.03	(0.11)	(0.11)	(0.17)	(0.21)	(0.22)	(0.18)	(0.13)	(0.05)
1926	Dry	(0.07)	(0.05)	(0.05)	0.03	0.01	0.02	0.04	0.07	0.10	0.09	0.08	0.06	0.03
1927	Wet	0.03	0.02	0.02	0.00	(0.02)	0.00	(0.01)	(0.03)	(0.03)	(0.03)	(0.02)	(0.01)	(0.01)
1928	Above Normal	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.01)	0.01	0.09	0.10	0.10	0.07	0.07	0.03
1929	Critical	(0.03)	(0.01)	(0.01)	(0.17)	(0.15)	(0.04)	0.03	0.02	0.03	0.02	(0.09)	0.04	(0.03)
1930	Dry	0.04	0.03	0.03	0.02	(0.01)	(0.01)	(0.02)	(0.06)	(0.03)	(0.03)	(0.02)	(0.04)	(0.01)
1931	Critical	(0.02)	0.00	0.00	0.02	0.00	0.00	0.01	0.01	0.00	0.00	0.00	(0.14)	(0.01)
1932	Dry	0.05	0.04	0.04	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.07	0.03	0.03	0.02	0.05	0.02
1934	Critical	0.02	0.01	0.00	0.00	0.00	(0.01)	(0.02)	(0.02)	(0.04)	(0.04)	(0.07)	(0.04)	(0.02)
1935	Below Normal	0.00	0.01	0.01	0.00	0.00	0.01	0.01	0.03	0.04	0.04	0.03	0.02	0.02
1936	Below Normal	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	(0.01)	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1938	Wet	0.00	0.00	0.00	(0.09)	0.07	0.13	0.00	(0.08)	(0.08)	(0.08)	(0.08)	0.00	(0.02)
1939	Dry	(0.01)	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1940	Above Normal	0.01	0.01	0.00	(0.02)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)
1943	Wet	(0.01)	(0.01)	(0.01)	0.00	(0.02)	(0.01)	(0.01)	(0.02)	(0.03)	(0.02)	(0.02)	(0.01)	(0.01)
1944	Dry	(0.01)	(0.01)	0.00	(0.11)	(0.10)	(0.04)	0.00	(0.01)	(0.01)	0.00	0.00	(0.01)	(0.03)
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.08)	(0.08)	(0.07)	(0.05)	(0.03)
1953	Wet	(0.05)	(0.05)	(0.04)	(0.06)	(0.07)	(0.02)	0.00	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	(0.03)
1954	Above Normal	0.00	0.00	0.01	0.03	0.04	0.02	0.00	0.01	0.01	0.01	0.01	0.01	0.01
1955	Dry	0.01	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1956	Wet	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.23)	0.04	0.04	0.04	(0.01)
1958	Wet	0.04	0.04	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1959	Below Normal	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.03)	(0.04)	(0.03)	(0.03)	(0.02)	(0.02)
1960	Dry	(0.01)	(0.01)	(0.01)	0.00	0.00	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1966	Below Normal	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00	0.03	0.03	0.03	0.02	0.03	0.01
1969	Wet	(0.01)	(0.01)	0.00	(0.06)	0.12	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1970	Wet	0.07	0.00	0.00	0.00	0.06	(0.02)	0.00	0.01	0.00	0.01	0.00	0.00	0.01
1971	Wet	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.03)	(0.05)	(0.05)	(0.04)	(0.03)	(0.02)
1975	Wet	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	0.00	0.01	0.01	0.01	0.01	0.00	(0.01)
1976	Critical	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.17)	(0.01)
1978	Above Normal	(0.16)	0.18	0.16	0.00	0.00	(0.01)	0.01	0.03	0.04	0.05	0.02	0.03	0.03
1979	Below Normal	(0.02)	(0.01)	(0.01)	(0.12)	(0.10)	0.00	0.00	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)
1980	Above Normal	(0.01)	(0.01)	(0.01)	(0.02)	0.00	0.16	(0.06)	(0.05)	(0.05)	(0.05)	(0.05)	(0.03)	(0.02)
1981	Dry	(0.03)	(0.03)	(0.03)	(0.06)	(0.05)	0.00	0.02	0.03	0.03	0.04	0.03	0.02	0.00
1982	Wet	0.01	0.01	0.01	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.03)	(0.03)	(0.03)	(0.02)	(0.01)
1988	Critical	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)	0.00	0.03	(0.01)
1993	Above Normal	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1994	Critical	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	(0.37)	(0.31)	(0.13)	(0.02)	(0.03)	(0.04)	(0.05)	(0.04)	(0.03)	(0.09)
1997	Wet	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.15)	(0.17)	(0.18)	(0.16)	(0.11)	(0.06)
1999	Wet	(0.01)	(0.06)	(0.06)	(0.07)	(0.05)	(0.08)	0.00	0.00	0.01	0.00	0.00	0.00	(0.03)
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00
2001	Dry	0.00	(0.01)	0.00	(0.02)	(0.02)	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
2003	Above Normal	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	(0.00)	(0.01)	(0.00)	(0.01)	(0.00)	(0.00)
	Wet	0.00	(0.00)	(0.00)	(0.03)	(0.01)	(0.01)	(0.00)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)
	Above Normal	(0.01)	0.02	0.01	0.00	0.00	0.02	0.01	0.02	0.01	0.03	0.03	0.02	0.01
	Below Normal	0.01	0.01	0.01	(0.00)	(0.00)	0.02	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	0.00
	Dry	0.01	0.01	0.01	(0.01)	(0.01)	(0.01)	(0.00)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.00)
	Critical	(0.00)	0.00	(0.00)	(0.00)	(0.00)	0.00	0.01	0.01	0.01	0.00	(0.06)	0.00	(0.00)

Percent Difference in Energy Use (GWh) At Pumping Plant at Las Perillas: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	26%	17%	15%	17%	19%	19%	20%	20%	20%
1923	Below Normal	19%	21%	21%	13%	13%	12%	0%	-5%	-4%	-5%	-4%	-5%
1924	Critical	5%	0%	0%	74%	67%	28%	19%	15%	16%	17%	-90%	79%
1925	Dry	117%	113%	88%	33%	33%	-37%	-17%	-16%	-16%	-16%	-16%	-15%
1926	Dry	-16%	-16%	-17%	33%	9%	10%	11%	7%	9%	8%	8%	8%
1927	Wet	8%	7%	8%	0%	-9%	0%	-1%	-3%	-3%	-2%	-2%	-1%
1928	Above Normal	-2%	-3%	-3%	-3%	-3%	-3%	1%	10%	9%	8%	7%	10%
1929	Critical	-6%	-3%	-3%	-30%	-30%	-15%	14%	7%	5%	3%	-17%	15%
1930	Dry	25%	21%	20%	25%	-9%	-6%	-4%	-9%	-3%	-3%	-2%	-7%
1931	Critical	-7%	0%	0%	25%	0%	0%	3%	3%	0%	0%	0%	-41%
1932	Dry	24%	22%	21%	0%	0%	0%	0%	1%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	6%	8%	13%	3%	3%	2%	11%
1934	Critical	8%	5%	0%	0%	0%	-7%	-6%	-5%	-5%	-5%	-10%	-11%
1935	Below Normal	0%	5%	5%	0%	0%	5%	2%	3%	3%	3%	3%	2%
1936	Below Normal	2%	0%	3%	0%	0%	0%	0%	0%	1%	1%	0%	0%
1937	Below Normal	0%	0%	0%	0%	-2%	49%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-9%	8%	24%	0%	-6%	-5%	-5%	-5%	0%
1939	Dry	-1%	0%	0%	0%	-1%	-2%	0%	0%	0%	0%	0%	0%
1940	Above Normal	2%	3%	0%	-17%	-17%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	-1%	-2%	-2%	-2%	-1%	-1%
1943	Wet	-2%	-3%	-3%	0%	-2%	-2%	-1%	-2%	-2%	-1%	-2%	-1%
1944	Dry	-1%	-2%	0%	-20%	-20%	-13%	0%	-1%	-1%	0%	0%	-2%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	1%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	2%	1%	1%	0%	0%	1%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1948	Below Normal	0%	0%	0%	-3%	-3%	0%	0%	0%	0%	1%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-5%	-6%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	-6%	-6%	-6%	-6%	-6%
1953	Wet	-7%	-11%	-8%	-6%	-8%	-3%	0%	-1%	-1%	-2%	-1%	-1%
1954	Above Normal	0%	0%	3%	7%	8%	5%	0%	1%	1%	1%	1%	1%
1955	Dry	2%	3%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%
1956	Wet	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-21%	4%	4%	6%
1958	Wet	11%	15%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	-1%	-2%	-3%	-3%	-3%	-2%	-3%	-2%
1960	Dry	-2%	-3%	-4%	0%	0%	6%	0%	0%	0%	-1%	0%	0%
1961	Dry	0%	0%	0%	8%	7%	0%	0%	0%	0%	1%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1966	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	1%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	0%	-1%	0%	0%
1968	Below Normal	0%	0%	0%	-1%	0%	-2%	0%	3%	3%	2%	2%	4%
1969	Wet	-2%	-3%	0%	-13%	32%	0%	0%	0%	0%	0%	-1%	0%
1970	Wet	10%	0%	0%	0%	7%	-3%	0%	1%	0%	1%	0%	0%
1971	Wet	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	-3%	-3%	-4%	-4%	-3%	-3%
1975	Wet	-3%	-5%	-5%	-2%	-3%	-2%	0%	1%	1%	1%	1%	0%
1976	Critical	0%	3%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-16%
1978	Above Normal	-38%	58%	55%	0%	0%	-3%	2%	3%	4%	4%	2%	4%
1979	Below Normal	-4%	-3%	-3%	-20%	-18%	0%	0%	-2%	-2%	-2%	-2%	-2%
1980	Above Normal	-2%	-2%	-3%	-3%	0%	36%	-7%	-4%	-4%	-4%	-4%	-3%
1981	Dry	-4%	-6%	-7%	-7%	-6%	0%	3%	3%	2%	3%	3%	3%
1982	Wet	3%	3%	4%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-3%	-5%	-4%	-4%	-4%	-5%
1988	Critical	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	-6%	0%	0%	0%	0%	0%	0%	0%	0%	-18%	0%	6%
1993	Above Normal	8%	11%	11%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	-45%	-40%	-23%	-3%	-3%	-3%	-4%	-4%	-4%
1997	Wet	-3%	-3%	-3%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	-12%	-11%	-11%	-11%	-11%
1999	Wet	-1%	-10%	-11%	-7%	-5%	-12%	0%	0%	1%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	0%
2001	Dry	0%	-3%	0%	-11%	-12%	0%	0%	0%	0%	1%	1%	0%
2002	Dry	0%	0%	0%	0%	-5%	0%	0%	0%	-1%	0%	0%	-1%
2003	Above Normal	0%	0%	0%	4%	0%	4%	0%	0%	0%	0%	0%	0%
	Average	2%	3%	2%	0%	0%	1%	0%	0%	0%	0%	-2%	0%
	Wet	1%	0%	0%	-3%	-1%	-1%	0%	-1%	-1%	-1%	-1%	-1%
	Above Normal	-3%	6%	5%	1%	0%	5%	1%	2%	1%	3%	3%	3%
	Below Normal	1%	2%	2%	-1%	-1%	4%	0%	0%	0%	0%	0%	0%
	Dry	8%	7%	6%	3%	0%	-2%	-1%	-1%	-1%	-1%	-1%	-1%
	Critical	-1%	0%	0%	6%	3%	1%	3%	3%	2%	0%	-9%	4%

Energy Use (GWh) At Pumping Plant at Oso: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	26.99	22.53	14.89	4.45	9.77	17.74	20.82	18.85	18.27	19.42	19.57	18.07	211.37
1923	Below Normal	15.17	13.88	11.43	22.05	24.30	25.68	18.67	18.62	17.77	20.86	19.48	16.32	224.23
1924	Critical	12.10	11.10	7.32	6.45	5.87	7.12	9.50	9.08	8.52	10.16	7.70	5.66	100.58
1925	Dry	0.65	0.27	0.09	1.59	3.32	17.30	15.69	20.00	19.22	22.93	21.02	17.18	139.26
1926	Dry	12.53	11.52	7.23	4.55	4.56	8.92	11.84	17.46	16.65	19.82	18.16	14.83	148.07
1927	Wet	10.43	9.51	5.69	3.20	5.53	20.37	22.56	20.81	20.30	21.58	21.75	20.12	181.85
1928	Above Normal	17.29	15.82	13.18	14.61	15.06	11.29	22.73	20.75	20.18	21.53	21.64	19.95	214.03
1929	Critical	17.06	15.59	12.87	12.94	11.56	8.61	8.27	8.41	7.75	9.30	7.08	5.19	124.63
1930	Dry	0.46	0.26	0.11	1.21	3.75	6.56	14.22	13.95	13.35	15.85	13.46	10.55	93.73
1931	Critical	5.58	4.69	2.04	3.88	3.83	6.17	10.55	10.23	9.72	11.73	8.82	6.44	83.68
1932	Dry	1.15	0.43	0.11	2.71	3.70	7.95	15.38	15.22	14.38	17.12	15.42	12.49	106.06
1933	Critical	8.02	7.17	3.89	4.18	4.09	7.09	11.63	12.20	11.78	14.11	11.05	8.28	103.49
1934	Critical	2.86	1.92	0.10	3.61	3.36	6.46	11.12	10.81	10.39	12.47	0.94	0.76	64.80
1935	Below Normal	7.40	8.26	5.03	3.64	3.97	7.43	19.85	20.08	19.34	24.87	22.83	18.64	161.34
1936	Below Normal	13.86	12.75	8.17	4.82	4.34	26.97	18.79	21.61	21.11	22.46	22.63	20.93	198.44
1937	Below Normal	18.11	16.58	13.86	14.36	20.24	26.97	17.82	20.08	19.53	20.81	20.97	19.31	228.64
1938	Wet	16.37	15.07	12.48	17.72	20.95	26.24	15.68	18.10	17.54	18.66	18.79	17.23	214.83
1939	Dry	14.17	13.13	11.90	18.94	24.36	26.97	22.54	19.53	14.29	24.58	22.82	20.91	234.14
1940	Above Normal	16.31	14.99	16.10	4.22	4.00	10.27	19.73	20.27	19.52	24.08	22.11	18.04	189.64
1941	Wet	13.34	12.26	7.82	6.12	9.44	26.97	14.14	16.72	16.03	17.14	17.25	15.80	173.03
1942	Wet	12.75	11.78	9.48	23.94	15.86	26.97	24.83	18.59	18.02	19.20	19.34	17.82	218.58
1943	Wet	14.91	13.67	11.20	15.34	19.15	26.97	23.02	20.78	20.19	21.53	21.72	20.05	228.53
1944	Dry	17.12	15.76	13.12	13.31	11.92	9.65	15.21	15.09	14.22	17.00	15.04	12.06	169.50
1945	Below Normal	7.40	6.51	3.45	5.31	4.56	23.69	18.73	20.76	20.27	21.56	21.71	20.08	174.03
1946	Below Normal	17.25	15.77	22.38	13.64	17.71	22.11	21.19	19.57	18.98	20.20	20.38	18.83	228.01
1947	Dry	15.96	14.61	12.06	14.82	13.42	12.32	21.86	20.94	20.24	22.88	21.91	19.01	210.03
1948	Below Normal	15.19	13.91	10.25	8.91	7.96	7.29	11.11	17.91	0.83	25.24	23.14	18.91	160.65
1949	Dry	14.13	12.98	8.32	5.72	4.76	8.18	21.92	20.78	20.18	22.62	21.76	19.05	180.40
1950	Below Normal	15.35	14.06	10.53	5.60	4.95	7.06	18.23	18.18	0.81	24.65	22.59	18.44	160.45
1951	Above Normal	13.70	12.59	13.38	21.30	24.36	26.97	17.19	20.15	19.61	20.81	21.00	19.42	230.48
1952	Wet	16.56	15.16	12.57	19.74	20.80	19.05	17.00	15.66	14.87	15.98	16.09	14.67	198.15
1953	Wet	11.55	10.71	17.72	17.05	15.46	26.97	26.11	18.47	17.51	19.54	18.98	16.83	216.90
1954	Above Normal	13.37	12.22	9.20	11.68	11.30	16.25	19.85	19.94	19.07	23.00	21.40	17.49	194.77
1955	Dry	12.82	11.79	7.42	4.24	4.32	9.41	17.06	17.02	16.11	19.24	17.71	14.46	151.60
1956	Wet	10.09	9.20	5.47	17.67	25.23	26.97	19.70	21.75	21.28	22.60	22.79	21.08	223.83
1957	Above Normal	18.21	16.74	14.00	15.84	15.50	14.72	16.91	16.77	0.89	23.72	21.75	17.78	192.83
1958	Wet	13.08	12.01	7.60	1.84	11.55	23.95	18.99	21.20	20.67	22.01	22.23	20.45	195.58
1959	Below Normal	17.51	16.16	13.48	18.83	17.97	26.37	19.10	19.04	16.95	24.07	22.03	17.99	229.50
1960	Dry	13.30	12.21	7.75	4.39	3.97	7.11	21.17	21.16	20.51	25.67	23.68	21.58	182.50
1961	Dry	16.79	15.44	10.45	5.33	5.08	6.90	18.11	18.03	17.28	20.56	18.86	16.43	169.26
1962	Below Normal	4.55	20.76	8.66	3.75	3.35	9.51	18.34	18.42	0.84	25.05	22.98	18.78	154.99
1963	Wet	13.98	12.87	8.27	9.33	11.79	19.15	20.87	19.40	18.79	19.97	20.18	18.66	193.26
1964	Dry	15.80	14.44	21.12	10.27	12.88	14.01	22.38	20.25	19.73	20.97	21.15	19.55	212.55
1965	Wet	16.74	15.29	12.71	18.30	20.38	19.32	20.57	18.75	18.07	19.62	19.60	17.88	217.23
1966	Below Normal	14.88	13.57	10.89	18.54	20.53	18.89	19.05	18.96	18.15	21.75	20.15	16.64	212.00
1967	Wet	12.21	11.22	7.17	3.50	12.35	19.55	22.00	20.18	19.61	20.92	21.10	19.44	189.25
1968	Below Normal	16.53	15.18	14.68	21.36	17.05	26.97	21.94	18.45	17.77	20.24	19.22	16.54	225.93
1969	Wet	12.69	11.62	8.19	18.76	23.62	26.97	15.90	18.31	17.68	18.87	19.02	17.43	209.06
1970	Wet	17.15	10.50	10.86	16.91	19.34	26.97	19.46	20.15	19.62	20.85	20.99	19.40	222.20
1971	Wet	16.55	15.14	12.56	22.11	17.08	20.49	18.38	18.69	17.88	21.44	19.67	16.06	216.05
1972	Below Normal	11.49	10.57	6.47	2.15	9.37	17.44	19.80	19.51	18.77	21.95	20.44	17.08	175.04
1973	Above Normal	12.78	11.73	7.76	4.18	14.15	25.20	18.04	20.85	20.36	21.55	21.73	20.10	198.43
1974	Wet	17.27	15.79	13.17	21.91	24.36	26.97	22.29	19.95	19.45	20.63	20.80	19.19	241.78
1975	Wet	16.27	14.94	12.35	16.87	16.18	26.05	22.53	20.49	20.00	21.18	21.37	19.78	228.01
1976	Critical	16.92	15.47	12.86	14.57	13.66	12.10	18.88	18.98	14.13	24.18	22.12	20.00	203.87
1977	Critical	15.18	13.91	9.06	4.42	4.01	5.78	8.30	2.09	0.94	1.02	0.95	0.77	66.43
1978	Above Normal	0.32	0.52	0.16	3.50	3.66	16.49	20.46	18.77	18.19	19.31	19.46	17.96	138.80
1979	Below Normal	15.12	13.77	11.30	14.36	20.14	26.97	17.30	19.55	19.02	20.16	20.32	18.77	216.78
1980	Above Normal	15.87	14.52	12.03	15.65	23.36	26.97	15.52	17.93	17.30	18.51	18.65	17.08	213.39
1981	Dry	14.03	12.98	10.56	17.34	17.00	17.78	18.49	18.81	2.64	25.26	23.12	19.50	197.51
1982	Wet	14.68	13.48	8.73	8.61	11.13	26.97	19.38	18.85	19.72	20.99	21.14	19.43	203.11
1983	Wet	19.25	17.99	26.97	14.60	24.36	26.97	13.28	13.21	17.13	15.74	10.75	13.61	213.86
1984	Wet	13.24	12.50	26.97	16.96	25.23	26.97	17.40	20.45	19.87	21.18	21.35	19.76	241.88
1985	Dry	16.88	15.47	22.09	12.36	15.87	22.74	21.04	19.43	18.93	20.07	20.21	18.68	223.77
1986	Wet	15.84	14.47	11.93	13.39	12.08	26.97	18.33	20.23	19.73	20.94	21.16	19.44	214.51
1987	Dry	16.49	15.22	12.60	16.46	15.40	10.68	11.39	11.14	10.80	12.83	9.71	7.11	149.83
1988	Critical	1.54	0.63	0.10	2.54	3.72	5.66	8.52	7.96	7.28	8.78	6.66	4.91	58.30
1989	Dry	0.34	0.26	0.10	0.80	3.47	5.73	20.56	20.93	20.14	25.47	23.35	19.71	140.86
1990	Critical	14.86	13.68	8.84	4.51	4.25	6.52	10.26	9.87	9.41	11.27	8.50	6.24	108.21
1991	Critical	1.01	0.28	0.08	2.05	3.25	5.51	8.60	8.10	7.56	10.21	7.67	5.63	59.95
1992	Critical	0.67	0.26	0.11	1.57	3.24	5.62	8.55	8.01	7.30	0.97	0.94	9.28	46.52
1993	Above Normal	4.94	0.32	5.85	3.54	9.91	17.12	20.35	19.25	18.56	21.94	21.21	18.61	161.60
1994	Critical	15.00	13.71	10.30	10.96	9.50	11.23	17.38	17.27	16.41	20.34	8.41	18.96	169.47
1995	Wet	5.90	21.59	17.91	3.71	8.29	14.36	23.27	21.19	20.68	22.00	22.23	20.51	201.64
1996	Wet	17.61	16.19	13.53	19.00	20.60	23.72	22.70	20.54	20.02	21.28	21.46	19.83	236.48
1997	Wet	16.98	15.55	12.95	19.50	22.81	26.97	18.76	18.80	18.16	19.32	19.50	17.97	227.27
1998	Wet	15.00	13.80	11.31	16.74	23.54	25.63	19.96	18.37	17.76	19.02	19.20	17.58	217.91
1999	Wet	16.62	16.94	14.60	16.69	23.52	26.97	21.70	20.18	19.60	20.93	21.14	19.53	238.42
2000	Above Normal	16.67	15.27	12.65	15.34	15.48	16.50	20.48	20.30	19.51	22.96	21.43	17.91	214.50
2001	Dry	13.55	12.46	8.36	6.16	5.55	7.14	11.43	11.25	10.91	13.16	9.93	7.25	117.15
2002	Dry	1.59	0.70	0.08	0.07	3.62	9.70	23.01	20.83	20.28	21.64	21.86	20.22	143.60
2003	Above Normal	17.39	15.90	18.66	2.13	4.69	9.96	17.44	17.37	0.73	23.56	21.64	17.66	167.13
	Average	12.80	11.98	10.12	10.55	12.39	17.26	17.84	17.64	15.78	19.51	18.29	16.34	180.49
	Wet	14.50	13.82	12.32	14.60	17.72	24.44	19.95	19.22	18.85	20.12	19.98	18.44	213.97
	Above Normal	14.49	12.76	11.49	9.70	12.60	17.46	19.13	19.27	16.02	21.70	20.97	18.34	193.91
	Below Normal	13.56	13.70	10.76	11.24	12.60	19.53	18.57	19.34	15.01	22.42	21.35	18.38	196.43
	Dry	10.99	10.00	8.53	7.79	8.72	11.61	17.96	17.88	16.10	20.43	18.84	16.14	164.99
	Critical	9.23	8.20	5.63	5.97	5.86	7.32	10.96	10.25	9.27	11.21	7.57	7.68	99.16

Energy Use (GWh) At Pumping Plant at Oso: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	26.99	22.53	14.89	7.28	9.71	17.61	20.74	18.89	19.11	20.28	20.43	18.87	217.33
1923	Below Normal	15.88	14.70	12.22	13.56	17.26	26.97	25.38	16.85	1.55	26.52	25.26	21.84	217.99
1924	Critical	17.79	16.42	12.31	10.03	8.07	8.01	10.53	10.23	9.80	0.98	0.93	0.76	105.86
1925	Dry	11.77	13.48	14.08	4.74	3.99	7.30	17.30	17.20	16.67	19.82	18.20	14.93	159.48
1926	Dry	10.54	9.65	5.87	5.80	4.66	9.35	13.06	18.81	18.17	21.85	20.03	16.38	154.17
1927	Wet	11.84	12.93	8.33	4.16	4.73	20.24	22.15	20.36	20.62	21.87	22.04	20.44	189.71
1928	Above Normal	17.61	16.16	13.57	15.45	14.47	10.57	22.07	20.99	20.46	25.26	24.42	21.52	222.55
1929	Critical	17.86	16.41	12.69	10.68	8.93	7.90	9.01	8.64	8.01	9.62	0.95	0.76	111.46
1930	Dry	5.66	6.30	8.92	3.92	3.66	6.41	13.52	13.26	12.74	15.51	12.77	9.84	112.51
1931	Critical	4.61	3.68	1.29	4.14	3.76	6.17	10.60	10.29	9.79	11.81	8.88	0.75	75.77
1932	Dry	4.76	5.75	5.15	4.02	3.67	7.98	15.39	15.23	15.18	17.92	16.23	13.30	124.58
1933	Critical	8.83	7.99	4.70	5.07	4.11	7.38	12.32	12.98	12.66	15.09	12.32	9.48	112.93
1934	Critical	4.28	4.05	3.53	4.07	3.48	6.29	10.71	10.36	9.89	11.87	0.94	0.76	70.23
1935	Below Normal	6.90	6.05	3.29	3.64	4.02	7.55	20.27	20.55	20.58	25.84	23.78	19.55	162.02
1936	Below Normal	14.76	13.65	9.03	5.51	4.32	26.97	18.81	21.63	21.92	23.27	23.44	21.74	205.05
1937	Below Normal	18.92	17.39	14.67	14.35	20.10	26.97	17.47	19.75	19.98	21.24	21.40	19.75	231.99
1938	Wet	16.81	15.53	12.18	22.66	22.13	26.97	16.85	17.88	17.32	19.22	19.34	17.79	224.68
1939	Dry	14.73	13.70	12.49	20.08	24.35	26.97	20.69	19.92	19.87	25.23	23.54	21.68	243.25
1940	Above Normal	17.15	15.81	18.84	4.50	3.63	10.12	19.72	20.26	20.29	24.86	22.88	18.82	196.88
1941	Wet	14.11	13.04	8.42	6.13	9.44	26.97	14.14	16.72	16.82	17.93	18.04	16.59	178.35
1942	Wet	13.54	12.57	9.84	20.39	15.74	26.97	24.89	18.57	18.79	19.96	20.11	18.59	219.96
1943	Wet	15.68	14.44	11.97	14.89	17.94	26.97	23.60	20.83	21.03	22.38	22.57	20.89	233.19
1944	Dry	17.97	16.60	13.96	13.26	11.16	9.43	15.12	15.00	14.72	17.49	15.49	12.52	172.72
1945	Below Normal	7.83	6.93	3.91	5.85	4.55	23.43	18.76	20.79	21.08	22.38	22.53	20.90	178.94
1946	Below Normal	18.07	16.59	23.19	14.43	17.71	22.18	21.27	19.65	19.85	21.08	21.26	19.71	234.99
1947	Dry	16.84	15.48	12.93	15.71	13.42	12.24	21.82	20.94	20.74	23.43	22.42	19.47	215.44
1948	Below Normal	15.60	14.34	10.64	9.23	7.80	7.23	11.12	17.96	0.83	25.23	23.14	18.90	162.02
1949	Dry	14.12	12.97	8.32	5.71	4.77	8.16	21.91	20.78	20.19	22.66	21.78	19.05	180.42
1950	Below Normal	15.34	14.06	10.52	5.50	4.85	7.03	18.23	18.17	1.28	25.11	23.05	18.91	162.05
1951	Above Normal	14.16	13.06	12.92	26.97	19.89	26.97	17.19	20.15	20.40	21.60	21.79	20.21	235.31
1952	Wet	17.35	15.95	13.36	20.94	20.80	19.04	17.00	15.42	14.61	16.48	16.59	15.24	202.78
1953	Wet	12.18	11.28	18.33	15.96	18.97	26.97	21.63	18.23	18.28	20.14	19.71	17.71	219.39
1954	Above Normal	14.38	13.20	10.30	13.01	12.00	17.06	19.96	20.07	19.54	23.33	21.77	17.87	202.49
1955	Dry	13.18	12.16	7.78	4.67	4.32	9.38	16.94	16.90	16.10	19.20	17.69	14.47	152.79
1956	Wet	10.10	9.22	5.52	17.63	25.23	26.97	19.71	21.77	22.09	23.40	23.60	21.89	227.13
1957	Above Normal	19.01	17.54	14.80	17.70	15.49	14.71	16.92	16.78	1.64	24.47	22.50	18.52	200.08
1958	Wet	13.83	12.76	8.34	2.59	11.55	23.95	18.99	21.20	21.46	22.79	23.02	21.24	201.72
1959	Below Normal	18.29	16.94	14.27	19.69	15.06	25.37	18.71	18.61	9.84	24.85	22.79	18.70	223.12
1960	Dry	14.02	12.90	8.41	4.93	3.95	7.14	21.22	21.16	20.52	25.61	23.67	21.39	184.92
1961	Dry	16.66	15.32	10.42	5.53	5.25	6.96	18.15	18.07	17.32	20.61	18.90	16.41	169.60
1962	Below Normal	4.06	20.87	8.34	3.75	3.35	9.51	18.34	18.42	1.60	25.81	23.74	19.54	157.33
1963	Wet	14.75	13.64	9.03	10.10	11.79	19.15	20.87	19.40	19.58	20.76	20.97	19.45	199.49
1964	Dry	16.59	15.23	21.91	11.05	12.85	14.10	22.37	20.24	19.73	20.97	21.15	19.55	215.74
1965	Wet	16.74	15.29	12.71	18.36	20.39	19.10	20.58	18.78	18.88	20.53	20.49	18.75	220.60
1966	Below Normal	15.73	14.41	11.71	19.23	20.43	18.83	19.05	18.96	18.77	22.37	20.77	17.26	217.52
1967	Wet	12.83	11.83	7.79	4.08	12.34	19.55	22.01	20.17	19.61	21.71	21.88	20.23	194.03
1968	Below Normal	17.31	15.50	13.35	20.18	17.09	26.97	21.87	18.52	18.51	21.29	20.02	17.07	227.68
1969	Wet	12.99	11.97	8.33	11.44	20.96	26.97	15.77	18.19	17.56	19.53	19.68	18.10	201.49
1970	Wet	17.82	11.17	11.55	21.00	18.58	26.97	18.34	20.22	20.48	21.71	21.86	20.26	229.96
1971	Wet	17.41	15.99	13.41	18.69	19.09	20.50	18.34	18.65	18.42	22.04	20.27	16.65	219.46
1972	Below Normal	12.09	11.16	7.06	2.76	9.41	17.45	19.79	19.50	18.77	21.95	20.45	17.08	177.47
1973	Above Normal	12.79	11.74	7.77	4.21	14.17	25.21	18.04	20.85	21.15	22.35	22.53	20.89	201.70
1974	Wet	18.06	16.59	13.96	18.64	17.80	26.97	23.78	19.89	20.18	21.35	21.52	19.93	238.67
1975	Wet	17.02	15.68	13.10	17.82	16.90	25.09	22.74	20.68	20.98	22.19	22.37	20.76	235.33
1976	Critical	17.91	16.45	13.82	15.50	13.71	12.07	18.79	18.88	13.95	24.05	22.01	19.88	207.02
1977	Critical	15.06	13.80	8.98	4.41	4.00	5.78	8.30	2.09	0.94	1.02	0.95	0.77	66.10
1978	Above Normal	0.32	0.52	0.16	3.50	3.66	15.95	20.32	19.06	19.22	20.94	20.62	18.58	142.85
1979	Below Normal	15.34	14.06	11.15	13.00	11.19	21.94	21.79	19.79	20.05	21.20	21.36	19.80	210.67
1980	Above Normal	16.93	15.55	13.03	14.24	20.82	26.97	15.02	17.47	17.61	18.78	18.91	17.41	212.74
1981	Dry	14.40	13.33	10.96	17.60	15.80	20.73	18.85	19.23	11.01	25.75	23.64	20.32	211.62
1982	Wet	15.48	14.28	9.52	9.34	11.16	26.97	19.39	18.85	20.51	21.78	21.93	20.22	209.43
1983	Wet	17.24	20.80	26.97	14.60	24.36	26.97	13.28	13.21	17.13	15.74	11.54	14.40	216.24
1984	Wet	13.24	12.50	26.97	16.96	25.23	26.97	17.41	20.46	20.66	21.97	22.14	20.55	245.06
1985	Dry	17.67	16.26	22.88	13.14	15.87	22.74	21.04	19.43	19.51	20.65	20.79	19.26	229.24
1986	Wet	16.42	15.05	12.51	13.96	12.08	24.08	21.21	20.23	20.52	21.73	21.96	20.24	219.99
1987	Dry	17.28	16.01	13.39	14.70	15.40	10.68	11.09	10.80	10.45	12.40	9.40	6.89	148.49
1988	Critical	1.42	0.53	0.12	2.47	3.72	5.66	8.52	7.96	7.28	8.78	6.66	4.91	58.03
1989	Dry	0.34	0.26	0.10	0.79	3.47	5.73	20.54	20.91	20.12	25.47	23.35	19.93	141.01
1990	Critical	15.06	13.86	8.99	4.51	4.25	6.52	10.27	9.87	9.41	11.28	8.50	6.24	108.76
1991	Critical	1.01	0.28	0.08	2.05	3.25	5.51	8.59	8.10	7.59	10.26	7.71	5.65	60.08
1992	Critical	0.68	0.26	0.11	1.76	3.24	5.61	8.55	8.01	7.30	0.97	0.94	9.27	46.70
1993	Above Normal	4.99	0.32	6.03	3.54	9.90	17.05	20.35	19.26	19.35	22.82	22.07	19.44	165.12
1994	Critical	15.82	14.53	11.10	11.69	9.45	11.21	17.38	17.27	16.41	20.35	8.30	18.98	172.49
1995	Wet	6.31	22.15	17.91	3.72	8.29	14.36	23.27	21.19	21.47	22.79	23.02	21.30	205.78
1996	Wet	18.40	16.98	14.32	12.69	15.65	20.75	22.29	20.16	20.40	21.64	21.82	20.22	225.32
1997	Wet	17.37	15.96	13.39	19.26	17.54	26.97	18.92	18.86	19.00	20.17	20.35	18.82	226.61
1998	Wet	15.85	14.65	12.15	17.61	23.53	25.62	19.94	18.11	17.48	18.71	19.68	18.14	221.47
1999	Wet	17.93	16.81	15.00	15.61	19.70	26.97	19.45	20.20	20.42	21.75	21.96	20.35	236.15
2000	Above Normal	17.49	16.09	13.47	16.17	15.55	16.24	20.41	20.32	20.27	23.82	22.20	18.59	220.62
2001	Dry	14.16	13.09	8.92	6.53	5.22	7.07	11.49	11.33	11.13	13.40	10.14	7.44	119.92
2002	Dry	1.76	0.87	0.22	0.21	3.66	9.69	22.94	20.77	20.23	21.59	21.80	20.16	143.90
2003	Above Normal	17.33	15.85	18.54	2.32	4.85	10.02	17.44	17.37	1.26	24.09	22.17	18.20	169.44
	Average	13.53	12.83	10.94	10.70	11.81	17.03	17.96	17.60	16.06	19.96	18.71	16.70	183.82
	Wet	15.05	14.58	12.88	14.20	17.00	24.19	19.87	19.16	19.40	20.78	20.71	19.18	217.00
	Above Normal	14.93	13.20	12.03	10.74	12.01	17.37	19.02	19.29	16.69	22.72	21.86	19.08	198.93
	Below Normal	14.01	14.05	10.95	10.76	11.22	19.17	19.35	19.23	13.90	23.44	22.36	19.34	197.77
	Dry	12.36	11.63	10.37	8.47	8.64	11.23	17.97	17.78	16.91	20.53	18.94	16.28	171.10
	Critical	10.03	9.02	6.48	6.37	5.83	7.34	11.13	10.39	9.42	10.51	6.59	6.52	99.62

Difference in Energy Use (GWh) At Pumping Plant at Oso: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	2.83	(0.06)	(0.13)	(0.08)	0.04	0.84	0.86	0.86	0.80	0.50
1923	Below Normal	0.71	0.82	0.79	(8.49)	(7.04)	1.29	6.71	(1.77)	(16.22)	5.66	5.78	5.52	(0.52)
1924	Critical	5.69	5.32	4.99	3.58	2.20	0.89	1.03	1.15	1.28	(9.18)	(6.77)	(4.90)	0.44
1925	Dry	11.12	13.21	13.99	3.15	0.67	(10.00)	1.61	(2.80)	(2.55)	(3.11)	(2.82)	(2.25)	1.69
1926	Dry	(1.99)	(1.87)	(1.36)	1.25	0.10	0.43	1.22	1.35	1.52	2.03	1.87	1.55	0.51
1927	Wet	1.41	3.42	2.64	0.96	(0.80)	(0.13)	(0.41)	(0.45)	0.32	0.29	0.29	0.32	0.66
1928	Above Normal	0.32	0.34	0.39	0.84	(0.59)	(0.72)	(0.66)	0.24	0.28	3.73	2.78	1.57	0.71
1929	Critical	0.80	0.82	(0.18)	(2.26)	(2.63)	(0.71)	0.74	0.23	0.26	0.32	(6.13)	(4.43)	(1.10)
1930	Dry	5.20	6.04	8.81	2.71	(0.09)	(0.15)	(0.70)	(0.69)	(0.61)	(0.34)	(0.69)	(0.71)	1.57
1931	Critical	(0.97)	(1.01)	(0.75)	0.26	(0.07)	0.00	0.05	0.06	0.07	0.08	0.06	(5.69)	(0.66)
1932	Dry	3.61	5.32	5.04	1.31	(0.03)	0.03	0.01	0.01	0.80	0.80	0.81	0.81	1.54
1933	Critical	0.81	0.82	0.81	0.89	0.02	0.29	0.69	0.78	0.88	0.98	1.27	1.20	0.79
1934	Critical	1.42	2.13	3.43	0.46	0.12	(0.17)	(0.41)	(0.45)	(0.50)	(0.60)	0.00	0.00	0.45
1935	Below Normal	(0.50)	(2.21)	(1.74)	0.00	0.05	0.12	0.42	0.47	1.24	0.97	0.95	0.91	0.06
1936	Below Normal	0.90	0.90	0.86	0.69	(0.02)	0.00	0.02	0.02	0.81	0.81	0.81	0.81	0.55
1937	Below Normal	0.81	0.81	0.81	(0.01)	(0.14)	0.00	(0.35)	(0.33)	0.45	0.43	0.43	0.44	0.28
1938	Wet	0.44	0.46	(0.30)	4.94	1.18	0.73	1.17	(0.22)	(0.22)	0.56	0.55	0.56	0.82
1939	Dry	0.56	0.57	0.59	1.14	(0.01)	0.00	(1.85)	0.39	5.58	0.65	0.72	0.77	0.76
1940	Above Normal	0.84	0.82	2.74	0.28	(0.37)	(0.15)	(0.01)	(0.01)	0.77	0.78	0.77	0.78	0.60
1941	Wet	0.77	0.78	0.60	0.01	0.00	0.00	0.00	0.00	0.79	0.79	0.79	0.79	0.44
1942	Wet	0.79	0.79	0.36	(3.55)	(0.12)	0.00	0.06	(0.02)	0.77	0.76	0.77	0.77	0.12
1943	Wet	0.77	0.77	0.77	(0.45)	(1.21)	0.00	0.58	0.05	0.84	0.85	0.85	0.84	0.39
1944	Dry	0.85	0.84	0.84	(0.05)	(0.76)	(0.22)	(0.09)	(0.09)	0.50	0.49	0.45	0.46	0.27
1945	Below Normal	0.43	0.42	0.46	0.54	(0.01)	(0.26)	0.03	0.03	0.81	0.82	0.82	0.82	0.41
1946	Below Normal	0.82	0.82	0.81	0.79	0.00	0.07	0.08	0.08	0.87	0.88	0.88	0.88	0.58
1947	Dry	0.88	0.87	0.87	0.89	0.00	(0.08)	(0.04)	0.00	0.50	0.55	0.51	0.46	0.45
1948	Below Normal	0.41	0.43	0.39	0.32	(0.16)	(0.06)	0.01	0.05	0.00	(0.01)	0.00	(0.01)	0.11
1949	Dry	(0.01)	(0.01)	0.00	(0.01)	0.01	(0.02)	(0.01)	0.00	0.01	0.04	0.02	0.00	0.00
1950	Below Normal	(0.01)	0.00	(0.01)	(0.10)	(0.10)	(0.03)	0.00	(0.01)	0.47	0.46	0.46	0.47	0.13
1951	Above Normal	0.46	0.47	(0.46)	5.67	(4.47)	0.00	0.00	0.00	0.79	0.79	0.79	0.79	0.40
1952	Wet	0.79	0.79	0.79	1.20	0.00	(0.01)	0.00	(0.24)	(0.26)	0.50	0.50	0.57	0.39
1953	Wet	0.63	0.57	0.61	(1.09)	3.51	0.00	(4.48)	(0.24)	0.77	0.60	0.73	0.88	0.21
1954	Above Normal	1.01	0.98	1.10	1.33	0.70	0.81	0.11	0.13	0.47	0.33	0.37	0.38	0.64
1955	Dry	0.36	0.37	0.36	0.43	0.00	(0.03)	(0.12)	(0.12)	(0.01)	(0.04)	(0.02)	0.01	0.10
1956	Wet	0.01	0.02	0.05	(0.04)	0.00	0.00	0.01	0.02	0.81	0.80	0.81	0.81	0.28
1957	Above Normal	0.80	0.80	0.80	1.86	(0.01)	(0.01)	0.01	0.01	0.75	0.75	0.75	0.74	0.60
1958	Wet	0.75	0.75	0.74	0.75	0.00	0.00	0.00	0.00	0.79	0.78	0.79	0.79	0.51
1959	Below Normal	0.78	0.78	0.79	0.86	(2.91)	(1.00)	(0.39)	(0.43)	(7.11)	0.78	0.76	0.71	(0.53)
1960	Dry	0.72	0.69	0.66	0.54	(0.02)	0.03	0.05	0.00	0.01	(0.06)	(0.01)	(0.19)	0.20
1961	Dry	(0.13)	(0.12)	(0.03)	0.20	0.17	0.06	0.04	0.04	0.04	0.05	0.04	(0.02)	0.03
1962	Below Normal	(0.49)	0.11	(0.32)	0.00	0.00	0.00	0.00	0.00	0.76	0.76	0.76	0.76	0.19
1963	Wet	0.77	0.77	0.76	0.77	0.00	0.00	0.00	0.00	0.79	0.79	0.79	0.79	0.52
1964	Dry	0.79	0.79	0.79	0.78	(0.03)	0.09	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.27
1965	Wet	0.00	0.00	0.00	0.06	0.01	(0.22)	0.01	0.03	0.81	0.91	0.89	0.87	0.28
1966	Below Normal	0.85	0.84	0.82	0.69	(0.10)	(0.06)	0.00	0.00	0.62	0.62	0.62	0.62	0.46
1967	Wet	0.62	0.61	0.62	0.58	(0.01)	0.00	0.01	(0.01)	0.00	0.79	0.78	0.79	0.40
1968	Below Normal	0.78	0.32	(1.33)	(1.18)	0.04	0.00	(0.07)	0.07	0.74	1.05	0.80	0.53	0.15
1969	Wet	0.30	0.35	0.14	(7.32)	(2.66)	0.00	(0.13)	(0.12)	(0.12)	0.66	0.66	0.67	(0.63)
1970	Wet	0.67	0.67	0.69	4.09	(0.76)	0.00	(1.12)	0.07	0.86	0.86	0.87	0.86	0.65
1971	Wet	0.86	0.85	0.85	(3.42)	2.01	0.01	(0.04)	(0.04)	0.54	0.60	0.60	0.59	0.28
1972	Below Normal	0.60	0.59	0.59	0.61	0.04	0.01	(0.01)	(0.01)	0.00	0.00	0.01	0.00	0.20
1973	Above Normal	0.01	0.01	0.01	0.03	0.02	0.01	0.00	0.00	0.79	0.80	0.80	0.79	0.27
1974	Wet	0.79	0.80	0.79	(3.27)	(6.56)	0.00	1.49	(0.06)	0.73	0.72	0.72	0.74	(0.26)
1975	Wet	0.75	0.74	0.75	0.95	0.72	(0.96)	0.21	0.19	0.98	1.01	1.00	0.98	0.61
1976	Critical	0.99	0.98	0.96	0.93	0.05	(0.03)	(0.09)	(0.10)	(0.18)	(0.13)	(0.11)	(0.12)	0.26
1977	Critical	(0.12)	(0.11)	(0.08)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.54)	(0.14)	0.29	1.03	1.63	1.16	0.62	0.34
1979	Below Normal	0.22	0.29	(0.15)	(1.36)	(8.95)	(5.03)	4.49	0.24	1.03	1.04	1.04	1.03	(0.51)
1980	Above Normal	1.06	1.03	1.00	(1.41)	(2.54)	0.00	(0.50)	(0.46)	0.31	0.27	0.26	0.33	(0.05)
1981	Dry	0.37	0.35	0.40	0.26	(1.20)	2.95	0.36	0.42	8.37	0.49	0.52	0.82	1.18
1982	Wet	0.80	0.80	0.79	0.73	0.03	0.00	0.01	0.00	0.79	0.79	0.79	0.79	0.53
1983	Wet	(2.01)	2.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.79	0.20
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.79	0.79	0.79	0.79	0.27
1985	Dry	0.79	0.79	0.79	0.78	0.00	0.00	0.00	0.00	0.58	0.58	0.58	0.58	0.46
1986	Wet	0.58	0.58	0.58	0.57	0.00	(2.89)	2.88	0.00	0.79	0.79	0.80	0.80	0.46
1987	Dry	0.79	0.79	0.79	(1.76)	0.00	0.00	(0.30)	(0.34)	(0.35)	(0.43)	(0.31)	(0.22)	(0.11)
1988	Critical	(0.12)	(0.10)	0.02	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1989	Dry	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.02)	(0.02)	(0.02)	0.00	0.00	0.22	0.01
1990	Critical	0.20	0.18	0.15	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.05
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.03	0.05	0.04	0.02	0.01
1992	Critical	0.01	0.00	0.00	0.19	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.02
1993	Above Normal	0.05	0.00	0.18	0.00	(0.01)	(0.07)	0.00	0.01	0.79	0.88	0.86	0.83	0.29
1994	Critical	0.82	0.82	0.80	0.73	(0.05)	(0.02)	0.00	0.00	0.00	0.01	(0.11)	0.02	0.25
1995	Wet	0.41	0.56	0.00	0.01	0.00	0.00	0.00	0.00	0.79	0.79	0.79	0.79	0.35
1996	Wet	0.79	0.79	0.79	(6.31)	(4.95)	(2.97)	(0.41)	(0.38)	0.38	0.36	0.36	0.39	(0.93)
1997	Wet	0.39	0.41	0.44	(0.24)	(5.27)	0.00	0.16	0.06	0.84	0.85	0.85	0.85	(0.05)
1998	Wet	0.85	0.85	0.84	0.87	(0.01)	(0.01)	(0.02)	(0.26)	(0.28)	(0.31)	0.48	0.56	0.30
1999	Wet	1.31	(0.13)	0.40	(1.08)	(3.82)	0.00	(2.25)	0.02	0.82	0.82	0.82	0.82	(0.19)
2000	Above Normal	0.82	0.82	0.82	0.83	0.07	(0.26)	(0.07)	0.02	0.76	0.86	0.77	0.68	0.51
2001	Dry	0.61	0.63	0.56	0.37	(0.33)	(0.07)	0.06	0.08	0.22	0.24	0.21	0.19	0.23
2002	Dry	0.17	0.17	0.14	0.14	0.04	(0.01)	(0.07)	(0.06)	(0.05)	(0.05)	(0.06)	(0.06)	0.03
2003	Above Normal	(0.06)	(0.05)	(0.12)	0.19	0.16	0.06	0.00	0.00	0.53	0.53	0.53	0.54	0.19
	Average	0.73	0.84	0.82	0.15	(0.57)	(0.23)	0.12	(0.04)	0.28	0.45	0.41	0.37	0.28
	Wet	0.55	0.76	0.57	(0.40)	(0.72)	(0.25)	(0.09)	(0.06)	0.54	0.66	0.73	0.74	0.25
	Above Normal	0.44	0.44	0.54	1.04	(0.59)	(0.08)	(0.11)	0.02	0.68	1.02	0.89	0.74	0.42
	Below Normal	0.45	0.35	0.20	(0.47)	(1.38)	(0.35)	0.78	(0.11)	(1.11)	1.02	1.01	0.96	0.11
	Dry	1.37	1.64	1.85	0.67	(0.08)	(0.39)	0.01	(0.10)	0.81	0.11	0.10	0.13	0.51
	Critical	0.79	0.82	0.85	0.39	(0.03)	0.02	0.17	0.14	0.15	(0.71)	(0.98)	(1.16)	0.04

Percent Difference in Energy Use (GWh) At Pumping Plant at Oso: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	64%	-1%	-1%	0%	0%	5%	4%	4%	4%
1923	Below Normal	5%	6%	7%	-39%	-29%	5%	36%	-10%	-91%	27%	30%	34%
1924	Critical	47%	48%	68%	56%	37%	13%	11%	13%	15%	-90%	-88%	-87%
1925	Dry	>1,000%	>1,000%	>1,000%	198%	20%	-58%	10%	-14%	-13%	-14%	-13%	-13%
1926	Dry	-16%	-16%	-19%	27%	2%	5%	10%	8%	9%	10%	10%	10%
1927	Wet	14%	36%	46%	30%	-14%	-1%	-2%	-2%	2%	1%	1%	2%
1928	Above Normal	2%	2%	3%	6%	-4%	-6%	-3%	1%	1%	17%	13%	8%
1929	Critical	5%	5%	-1%	-17%	-23%	-8%	9%	3%	3%	3%	-87%	-85%
1930	Dry	>1,000%	>1,000%	>1,000%	224%	-2%	-2%	-5%	-5%	-5%	-2%	-5%	-7%
1931	Critical	-17%	-22%	-37%	7%	-2%	0%	0%	1%	1%	1%	1%	-88%
1932	Dry	314%	>1,000%	>1,000%	48%	-1%	0%	0%	0%	6%	5%	5%	6%
1933	Critical	10%	11%	21%	21%	0%	4%	6%	6%	7%	7%	11%	14%
1934	Critical	50%	111%	>1,000%	13%	4%	-3%	-4%	-4%	-5%	-5%	0%	0%
1935	Below Normal	-7%	-27%	-35%	0%	1%	2%	2%	2%	6%	4%	4%	5%
1936	Below Normal	6%	7%	11%	14%	0%	0%	0%	0%	4%	4%	4%	4%
1937	Below Normal	4%	5%	6%	0%	-1%	0%	-2%	-2%	2%	2%	2%	2%
1938	Wet	3%	3%	-2%	28%	6%	3%	7%	-1%	-1%	3%	3%	3%
1939	Dry	4%	4%	5%	6%	0%	0%	-8%	2%	39%	3%	3%	4%
1940	Above Normal	5%	5%	17%	7%	-9%	-1%	0%	0%	4%	3%	3%	4%
1941	Wet	6%	6%	8%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1942	Wet	6%	7%	4%	-15%	-1%	0%	0%	0%	4%	4%	4%	4%
1943	Wet	5%	6%	7%	-3%	-6%	0%	3%	0%	4%	4%	4%	4%
1944	Dry	5%	5%	6%	0%	-6%	-2%	-1%	-1%	4%	3%	3%	4%
1945	Below Normal	6%	6%	13%	10%	0%	-1%	0%	0%	4%	4%	4%	4%
1946	Below Normal	5%	5%	4%	6%	0%	0%	0%	0%	5%	4%	4%	5%
1947	Dry	6%	6%	7%	6%	0%	-1%	0%	0%	2%	2%	2%	2%
1948	Below Normal	3%	3%	4%	4%	-2%	-1%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-2%	-2%	0%	0%	0%	58%	2%	2%	3%
1951	Above Normal	3%	4%	-3%	27%	-18%	0%	0%	0%	4%	4%	4%	4%
1952	Wet	5%	5%	6%	6%	0%	0%	0%	-2%	-2%	3%	3%	4%
1953	Wet	5%	5%	3%	-6%	23%	0%	-17%	-1%	4%	3%	4%	5%
1954	Above Normal	8%	8%	12%	11%	6%	5%	1%	1%	2%	1%	2%	2%
1955	Dry	3%	3%	5%	10%	0%	0%	-1%	-1%	0%	0%	0%	0%
1956	Wet	0%	0%	1%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1957	Above Normal	4%	5%	6%	12%	0%	0%	0%	0%	84%	3%	3%	4%
1958	Wet	6%	6%	10%	41%	0%	0%	0%	0%	4%	4%	4%	4%
1959	Below Normal	4%	5%	6%	5%	-16%	-4%	-2%	-2%	-42%	3%	3%	4%
1960	Dry	5%	6%	9%	12%	-1%	0%	0%	0%	0%	0%	0%	-1%
1961	Dry	-1%	-1%	0%	4%	3%	1%	0%	0%	0%	0%	0%	0%
1962	Below Normal	-11%	1%	-4%	0%	0%	0%	0%	0%	90%	3%	3%	4%
1963	Wet	6%	6%	9%	8%	0%	0%	0%	0%	4%	4%	4%	4%
1964	Dry	5%	5%	4%	8%	0%	1%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	4%	5%	5%	5%
1966	Below Normal	6%	6%	8%	4%	0%	0%	0%	0%	3%	3%	3%	4%
1967	Wet	5%	5%	9%	17%	0%	0%	0%	0%	0%	4%	4%	4%
1968	Below Normal	5%	2%	-9%	-6%	0%	0%	0%	0%	4%	5%	4%	3%
1969	Wet	2%	3%	2%	-39%	-11%	0%	-1%	-1%	-1%	3%	3%	4%
1970	Wet	4%	6%	6%	24%	-4%	0%	-6%	0%	4%	4%	4%	4%
1971	Wet	5%	6%	7%	-15%	12%	0%	0%	0%	3%	3%	3%	4%
1972	Below Normal	5%	6%	9%	28%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	4%	4%	4%	4%
1974	Wet	5%	5%	6%	-15%	-27%	0%	7%	0%	4%	3%	3%	4%
1975	Wet	5%	5%	6%	6%	4%	-4%	1%	1%	5%	5%	5%	5%
1976	Critical	6%	6%	7%	6%	0%	0%	0%	-1%	-1%	-1%	0%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	-3%	-1%	2%	6%	8%	6%	3%
1979	Below Normal	1%	2%	-1%	-9%	-44%	-19%	26%	1%	5%	5%	5%	5%
1980	Above Normal	7%	7%	8%	-9%	-11%	0%	-3%	-3%	2%	1%	1%	2%
1981	Dry	3%	3%	4%	1%	-7%	17%	2%	2%	317%	2%	2%	4%
1982	Wet	5%	6%	9%	8%	0%	0%	0%	0%	4%	4%	4%	4%
1983	Wet	-10%	16%	0%	0%	0%	0%	0%	0%	0%	0%	7%	6%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1985	Dry	5%	5%	4%	6%	0%	0%	0%	0%	3%	3%	3%	3%
1986	Wet	4%	4%	5%	4%	0%	-11%	16%	0%	4%	4%	4%	4%
1987	Dry	5%	5%	6%	-11%	0%	0%	-3%	-3%	-3%	-3%	-3%	-3%
1988	Critical	-8%	-16%	20%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	1%
1990	Critical	1%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1992	Critical	1%	0%	0%	12%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	1%	0%	3%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1994	Critical	5%	6%	8%	7%	-1%	0%	0%	0%	0%	0%	-1%	0%
1995	Wet	7%	3%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1996	Wet	4%	5%	6%	-33%	-24%	-13%	-2%	-2%	2%	2%	2%	2%
1997	Wet	2%	3%	3%	-1%	-23%	0%	1%	0%	5%	4%	4%	5%
1998	Wet	6%	6%	7%	5%	0%	0%	0%	-1%	-2%	-2%	3%	3%
1999	Wet	8%	-1%	3%	-6%	-16%	0%	-10%	0%	4%	4%	4%	4%
2000	Above Normal	5%	5%	6%	5%	0%	-2%	0%	0%	4%	4%	4%	4%
2001	Dry	5%	5%	7%	6%	-6%	-1%	1%	1%	2%	2%	2%	3%
2002	Dry	11%	24%	175%	200%	1%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	-1%	9%	3%	1%	0%	0%	73%	2%	2%	3%
	Average	8%	5%	7%	13%	-2%	-1%	1%	0%	8%	2%	1%	0%
	Wet	4%	6%	6%	2%	-3%	-1%	0%	0%	3%	3%	4%	4%
	Above Normal	3%	3%	4%	11%	-3%	-1%	-1%	0%	16%	5%	4%	4%
	Below Normal	2%	2%	1%	1%	-7%	-1%	4%	-1%	4%	5%	5%	5%
	Dry	20%	3%	12%	41%	0%	-2%	0%	-1%	20%	1%	1%	1%
	Critical	8%	13%	7%	8%	1%	0%	2%	1%	2%	-7%	-14%	-21%

Energy Use (GWh) At Pumping Plant at Pearblossom: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	90.99	77.99	69.10	15.39	25.57	38.69	51.60	51.99	54.46	51.38	56.87	51.59	635.62
1923	Below Normal	50.11	45.48	40.86	73.02	64.11	69.94	46.53	56.74	57.25	55.19	62.90	58.98	681.11
1924	Critical	49.12	44.84	39.03	27.75	29.09	21.89	30.43	40.62	41.82	36.34	35.64	34.44	431.01
1925	Dry	21.84	17.00	14.80	9.06	12.65	23.93	47.66	62.31	62.92	60.49	67.74	64.18	464.58
1926	Dry	50.71	46.56	40.27	16.18	20.71	24.20	39.35	53.70	54.38	52.19	58.56	55.40	512.21
1927	Wet	43.77	40.04	34.68	17.14	28.60	46.52	55.35	56.70	59.38	55.86	61.11	55.50	554.65
1928	Above Normal	54.16	49.23	44.58	71.06	70.05	41.25	55.35	56.25	58.73	55.25	60.02	54.66	670.59
1929	Critical	52.78	48.12	43.72	66.46	63.77	32.34	25.06	36.91	37.89	33.11	32.49	30.04	502.69
1930	Dry	20.30	15.62	13.59	8.51	14.41	16.73	39.76	51.75	53.01	48.79	51.82	49.57	383.86
1931	Critical	35.75	31.04	27.06	12.05	16.16	15.66	35.14	47.10	48.22	41.98	41.28	39.31	390.75
1932	Dry	24.25	20.64	17.75	10.25	18.22	20.83	37.99	48.59	49.34	46.96	51.64	49.09	395.55
1933	Critical	37.56	33.91	29.51	13.18	17.45	20.30	39.64	53.43	54.87	48.70	49.36	47.63	445.54
1934	Critical	32.02	25.97	22.55	10.98	14.00	16.40	37.69	50.51	51.75	44.98	1.98	1.51	310.34
1935	Below Normal	21.58	63.37	49.96	10.03	16.82	20.26	48.85	62.55	15.25	66.43	73.56	69.93	518.59
1936	Below Normal	54.66	50.38	43.43	16.64	25.26	55.68	55.25	59.20	61.93	58.27	63.84	57.98	602.52
1937	Below Normal	56.57	51.48	46.56	75.14	74.71	69.15	54.62	56.55	59.18	56.02	61.74	55.60	717.32
1938	Wet	53.92	49.08	44.05	81.18	78.16	90.99	50.98	57.99	60.61	53.59	64.83	53.74	739.12
1939	Dry	52.00	47.12	41.45	75.02	58.73	90.99	55.94	59.65	4.18	65.38	33.89	76.53	660.88
1940	Above Normal	61.81	24.68	65.11	8.73	13.04	27.22	48.56	63.16	43.64	63.34	70.65	67.00	556.94
1941	Wet	52.86	48.50	41.88	27.10	32.87	78.43	45.86	48.62	50.81	48.54	54.80	49.04	579.31
1942	Wet	47.37	42.94	37.86	64.58	81.88	90.99	61.27	51.87	54.36	51.44	57.36	51.85	693.77
1943	Wet	50.48	45.74	40.87	70.76	79.55	62.45	58.62	58.70	61.19	58.04	64.48	58.34	709.22
1944	Dry	56.74	51.56	46.08	63.49	60.64	35.14	39.39	50.85	51.42	48.65	53.01	50.52	607.49
1945	Below Normal	38.06	33.93	29.54	15.22	19.99	90.99	55.12	56.69	59.43	55.92	61.15	55.56	571.60
1946	Below Normal	54.15	49.22	47.20	80.98	52.15	50.44	51.99	53.55	55.97	52.81	58.45	53.10	660.01
1947	Dry	51.73	46.98	42.29	71.66	73.96	41.52	53.41	61.07	62.62	59.54	65.51	61.19	691.48
1948	Below Normal	53.15	48.65	42.95	42.40	41.95	24.44	37.86	33.38	1.66	66.49	73.18	69.64	535.75
1949	Dry	54.43	50.02	43.26	16.65	21.19	22.56	53.55	60.07	61.98	58.76	64.51	60.07	567.05
1950	Below Normal	52.91	48.43	42.90	15.62	18.18	19.49	44.32	56.08	1.60	65.00	71.45	67.84	503.82
1951	Above Normal	53.01	48.72	42.24	90.68	69.27	86.37	51.24	55.35	57.95	54.52	60.33	54.86	724.54
1952	Wet	53.50	48.57	43.69	78.48	76.83	51.44	43.60	47.14	49.09	47.30	54.06	48.10	641.80
1953	Wet	46.31	41.81	59.92	80.03	81.39	90.99	64.70	52.68	53.65	51.24	57.40	53.03	733.15
1954	Above Normal	48.16	43.78	38.75	53.40	55.51	46.53	48.94	62.04	58.75	54.33	68.70	65.16	644.05
1955	Dry	51.50	47.19	40.78	19.14	25.17	25.85	40.81	51.92	52.36	50.54	56.38	53.42	515.06
1956	Wet	41.95	38.32	33.23	76.70	70.66	88.47	58.50	60.57	63.39	59.69	66.20	60.17	717.85
1957	Above Normal	58.72	53.39	47.86	86.44	82.18	48.20	40.48	25.76	1.86	62.14	67.86	64.63	639.52
1958	Wet	50.14	46.01	39.86	19.17	36.79	79.93	58.72	60.86	63.58	60.26	67.32	60.64	643.28
1959	Below Normal	59.06	53.59	47.67	75.66	74.87	77.72	46.69	58.90	4.01	64.09	71.08	67.52	700.86
1960	Dry	53.03	48.59	41.87	15.76	17.83	20.47	52.45	65.51	26.38	68.41	38.64	78.40	527.34
1961	Dry	62.31	57.17	49.26	21.41	24.32	20.40	43.99	55.60	56.45	54.18	41.86	17.79	504.74
1962	Below Normal	0.36	42.44	83.90	6.46	10.41	24.88	44.63	56.92	1.69	66.08	72.74	69.10	479.61
1963	Wet	53.99	49.61	43.01	33.79	37.83	43.77	51.17	53.10	55.47	52.36	57.93	52.68	584.71
1964	Dry	51.37	46.58	52.63	68.01	38.43	40.54	55.07	55.29	57.92	54.54	59.94	54.41	634.73
1965	Wet	53.20	48.24	43.58	62.76	65.16	49.20	50.19	51.66	50.51	51.12	56.54	51.56	633.72
1966	Below Normal	49.35	44.74	40.16	70.70	72.51	51.53	47.43	58.56	51.77	57.49	65.52	61.62	671.38
1967	Wet	50.23	45.89	39.79	24.03	41.78	46.13	55.18	56.61	59.15	56.00	62.20	56.24	593.23
1968	Below Normal	54.70	49.64	44.44	72.38	85.12	82.10	54.16	54.56	55.92	53.27	60.26	56.11	722.66
1969	Wet	48.73	44.39	38.91	49.48	82.18	90.99	51.54	53.65	56.07	53.40	60.49	54.27	684.10
1970	Wet	53.14	46.85	41.86	80.03	82.18	90.99	51.67	55.27	57.91	54.42	60.20	54.70	729.22
1971	Wet	53.40	48.43	43.58	72.75	82.18	61.26	45.41	58.20	57.57	56.57	64.50	60.86	704.71
1972	Below Normal	48.54	44.42	38.43	21.90	34.01	40.38	48.81	59.38	60.29	57.72	65.01	61.09	579.98
1973	Above Normal	50.38	46.10	40.12	29.45	47.35	50.63	54.00	57.08	59.86	56.10	61.71	56.05	608.83
1974	Wet	54.73	49.70	44.86	73.02	63.45	77.04	56.17	55.99	58.75	55.32	61.72	55.94	706.69
1975	Wet	54.47	49.33	44.05	83.37	82.18	68.44	55.22	55.66	58.39	54.75	59.87	54.50	720.23
1976	Critical	53.01	48.19	43.67	70.50	72.52	41.21	45.97	58.63	4.17	64.30	35.71	73.84	611.72
1977	Critical	57.48	52.68	45.23	15.42	17.64	15.28	6.21	1.33	1.51	2.46	2.13	1.55	218.92
1978	Above Normal	0.47	1.60	61.27	7.08	18.99	37.04	50.07	51.20	53.69	50.52	55.35	50.10	437.38
1979	Below Normal	48.83	44.18	39.96	70.44	70.99	49.83	51.85	54.09	56.76	53.38	58.71	53.21	652.23
1980	Above Normal	51.68	46.90	42.25	72.97	73.94	90.99	50.76	52.71	55.12	52.68	59.43	53.19	702.62
1981	Dry	51.46	46.58	41.03	81.39	82.18	52.44	44.73	57.91	4.17	66.65	61.83	71.85	662.22
1982	Wet	55.78	51.12	43.89	31.75	36.50	90.99	61.34	58.56	61.25	58.01	65.23	58.72	673.14
1983	Wet	57.82	52.50	84.64	85.54	72.94	90.99	42.10	44.29	48.49	52.16	49.27	45.66	726.40
1984	Wet	49.44	45.13	84.64	79.62	75.09	90.99	51.65	56.07	58.51	55.24	61.07	55.59	763.04
1985	Dry	54.13	49.22	49.69	80.39	75.60	59.40	51.28	52.75	55.46	52.06	57.11	51.81	688.90
1986	Wet	50.53	45.92	41.53	69.45	66.73	90.99	56.01	58.03	60.82	57.57	64.18	57.64	719.40
1987	Dry	56.02	50.95	45.38	83.51	82.18	44.15	39.03	52.46	53.89	46.62	46.02	44.58	644.79
1988	Critical	28.85	22.63	19.50	10.16	15.61	13.94	26.00	34.39	35.41	31.00	30.30	29.23	297.02
1989	Dry	18.46	14.16	12.41	8.45	13.00	13.67	50.96	65.55	33.83	66.95	62.98	72.90	433.32
1990	Critical	57.32	52.65	45.33	16.40	19.54	18.45	33.87	45.22	46.54	40.44	39.71	38.41	453.88
1991	Critical	24.60	19.16	16.60	9.45	12.64	13.60	26.49	32.29	10.68	36.89	35.70	34.70	272.80
1992	Critical	21.48	15.58	14.61	8.46	11.76	12.40	26.08	34.51	35.44	2.07	1.98	13.43	197.80
1993	Above Normal	43.90	1.30	59.15	8.29	28.64	37.61	50.01	55.76	20.92	58.57	65.02	60.31	489.48
1994	Critical	53.64	49.01	43.27	49.27	50.27	33.97	41.79	52.86	36.55	53.28	4.14	49.29	517.34
1995	Wet	1.42	12.48	84.64	6.39	25.44	34.30	59.11	59.59	62.31	58.96	65.25	59.00	528.89
1996	Wet	57.44	52.21	46.80	74.77	75.92	60.16	56.12	56.35	58.99	55.55	61.19	55.53	711.03
1997	Wet	54.15	49.23	44.40	80.12	68.33	90.99	51.23	53.18	55.50	52.63	58.89	53.21	711.86
1998	Wet	51.62	46.85	41.70	81.92	63.57	74.47	50.86	54.03	56.48	54.08	60.96	54.51	691.05
1999	Wet	52.61	54.16	52.71	80.78	61.07	78.01	52.02	55.38	57.83	54.77	60.60	55.03	714.97
2000	Above Normal	53.65	48.77	43.90	76.30	72.88	51.48	50.27	61.61	62.45	60.18	67.04	63.10	711.63
2001	Dry	51.70	47.42	41.30	26.78	27.59	22.07	39.44	53.33	54.66	47.65	46.99	45.47	504.40
2002	Dry	29.19	23.04	19.84	13.03	21.85	26.83	56.02	56.13	58.65	55.40	60.18	54.67	474.83
2003	Above Normal	53.20	18.66	59.54	13.54	21.13	26.00	41.68	53.00	1.34	61.74	67.60	64.23	481.66
	Average	47.19	42.61	43.12	45.90	47.78	49.71	47.45	53.12	46.59	53.26	55.45	53.58	585.76
	Wet	49.73	45.89	47.72	60.95	63.43	73.46	53.64	55.03	57.31	54.57	60.68	54.85	677.25
	Above Normal	51.68	38.43	51.16	44.44	48.21	48.50	49.41	53.83	44.06	56.73	63.38	58.74	608.57
	Below Normal	45.86	47.85	45.57	46.19	47.22	51.92	49.15	55.51	38.77	59.15	65.69	61.23	614.10
	Dry	45.07	40.36	36.32	38.26	38.26	33.43	46.71	56.36	47.42	55.76	54.37	56.21	548.52
	Critical	41.97	36.98	32.51	25.84	28.37	21.29	31.20	40.65	33.74	36.30	25.87	32.78	387.48

Energy Use (GWh) At Pumping Plant at Pearblossom: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	90.99	77.99	69.10	20.17	26.01	39.05	52.99	53.90	59.04	56.07	62.58	56.72	664.61
1923	Below Normal	55.09	50.21	44.86	90.68	78.47	90.99	62.74	3.84	4.03	70.98	78.86	73.78	704.53
1924	Critical	64.04	58.89	51.98	43.07	42.24	27.34	35.09	47.14	21.60	2.08	1.94	1.50	396.91
1925	Dry	20.42	53.06	84.64	11.63	16.93	20.56	41.56	52.65	54.34	52.33	58.10	55.09	521.31
1926	Dry	43.44	39.93	34.78	17.35	20.96	25.82	38.95	58.21	54.00	57.55	64.32	60.97	516.28
1927	Wet	29.65	49.39	42.54	18.35	28.33	47.14	54.22	55.34	60.55	57.12	62.20	56.72	561.55
1928	Above Normal	55.38	50.56	46.06	73.29	69.72	40.31	53.86	60.35	6.06	66.84	72.89	67.97	663.29
1929	Critical	60.36	55.53	49.41	49.91	47.66	27.53	28.42	38.20	39.24	22.36	2.00	1.50	422.12
1930	Dry	15.11	9.84	68.96	9.35	14.49	17.09	40.01	52.60	45.18	50.17	52.20	50.21	425.21
1931	Critical	35.06	29.68	25.81	12.16	16.34	16.52	35.38	47.43	48.56	42.27	24.01	1.45	334.67
1932	Dry	10.01	34.22	49.23	10.38	18.67	21.90	37.96	48.54	51.87	49.51	54.20	51.65	438.14
1933	Critical	40.15	36.51	32.10	15.94	17.53	20.99	39.71	52.69	54.71	49.55	51.40	49.44	460.72
1934	Critical	26.77	19.47	35.00	12.29	14.50	15.69	35.85	47.94	49.12	42.73	1.98	1.51	302.85
1935	Below Normal	43.16	51.06	40.93	9.78	16.83	20.40	50.05	64.16	32.75	68.58	75.92	72.29	545.91
1936	Below Normal	57.25	52.73	45.80	19.26	25.20	48.88	55.33	59.27	64.58	60.91	66.50	60.63	616.34
1937	Below Normal	59.22	54.13	49.20	75.11	75.08	80.34	53.81	55.74	60.93	57.85	63.56	57.45	742.42
1938	Wet	55.76	50.98	43.39	68.84	66.88	82.97	50.46	52.54	55.15	54.99	61.99	55.84	699.79
1939	Dry	54.08	49.24	43.60	76.70	58.73	88.57	50.84	60.47	4.68	67.87	34.83	78.67	668.28
1940	Above Normal	64.18	5.90	74.44	8.74	11.05	26.68	48.53	63.12	45.85	65.87	73.18	69.53	557.07
1941	Wet	55.40	51.03	43.83	27.11	32.86	73.33	45.86	48.62	53.39	51.12	57.38	51.63	591.56
1942	Wet	49.95	45.52	39.05	73.51	82.18	90.42	61.29	51.69	56.76	53.83	59.68	54.22	718.10
1943	Wet	52.86	48.14	43.32	72.10	81.40	64.50	59.78	58.64	63.72	60.55	66.87	60.78	732.66
1944	Dry	59.20	54.04	48.62	57.72	53.13	32.58	39.42	50.96	53.46	50.59	54.85	52.39	606.96
1945	Below Normal	39.80	35.62	31.26	17.08	19.97	79.03	55.19	56.76	62.09	58.57	63.80	58.21	577.38
1946	Below Normal	56.81	51.87	50.54	83.56	52.15	50.62	52.22	53.79	58.80	55.63	61.29	55.92	683.20
1947	Dry	54.55	49.78	45.06	74.72	74.06	41.58	53.34	61.28	64.41	61.35	67.38	63.09	710.60
1948	Below Normal	54.79	50.29	44.55	42.96	41.00	24.09	37.90	35.43	1.66	66.49	73.21	69.67	542.04
1949	Dry	54.46	50.05	43.29	16.65	21.19	22.53	53.54	60.13	62.08	58.87	64.63	60.20	567.62
1950	Below Normal	52.96	48.49	42.95	15.04	17.63	19.32	44.31	56.07	3.13	66.52	72.96	69.36	508.74
1951	Above Normal	54.53	50.24	42.23	76.45	80.49	86.37	51.24	55.35	60.53	57.10	62.92	57.44	734.89
1952	Wet	56.08	51.15	46.27	80.03	76.82	51.44	43.60	44.91	46.74	47.49	53.53	48.16	646.22
1953	Wet	46.56	42.25	67.88	89.98	74.98	79.72	52.84	51.58	55.75	53.27	59.18	54.71	728.70
1954	Above Normal	50.56	46.17	41.29	59.24	58.37	48.28	49.29	62.51	63.93	54.70	70.09	66.52	670.95
1955	Dry	52.85	48.54	42.10	20.34	25.19	25.78	40.48	51.49	52.33	50.53	56.32	53.38	519.33
1956	Wet	42.00	38.39	33.34	59.48	70.68	88.50	58.55	60.62	66.02	62.32	68.83	62.79	711.52
1957	Above Normal	61.34	56.00	50.48	86.34	82.18	48.17	40.50	26.07	4.30	64.58	70.31	67.08	657.35
1958	Wet	52.59	48.46	42.31	21.61	36.79	79.80	58.72	60.86	66.16	62.84	69.90	63.22	663.26
1959	Below Normal	61.64	56.17	50.25	78.09	82.18	76.89	45.51	57.41	5.77	66.24	72.92	69.47	722.54
1960	Dry	54.79	50.32	43.58	17.29	17.55	20.59	52.53	65.31	30.70	67.37	42.21	76.26	538.50
1961	Dry	61.05	55.91	48.26	22.54	25.35	20.80	44.09	55.74	56.59	54.31	43.06	17.74	505.44
1962	Below Normal	1.50	42.18	84.64	6.46	10.41	24.88	44.63	56.92	4.19	68.58	75.24	71.60	491.23
1963	Wet	56.49	52.11	45.51	36.29	37.83	43.77	51.17	53.10	58.05	54.94	60.52	55.26	605.04
1964	Dry	53.95	49.16	55.22	70.60	38.47	40.57	55.04	55.27	57.94	54.56	59.96	54.43	645.17
1965	Wet	53.21	48.26	43.60	63.02	65.32	49.00	50.20	51.79	51.27	53.98	59.43	54.45	643.53
1966	Below Normal	52.13	47.50	42.90	72.90	72.14	51.37	47.43	58.57	53.91	59.52	67.55	63.66	689.58
1967	Wet	52.25	47.91	41.81	26.00	41.74	46.13	55.20	56.55	59.09	58.52	64.70	58.75	608.65
1968	Below Normal	57.22	50.65	46.98	80.01	85.12	82.70	54.33	55.76	59.12	56.59	64.04	60.03	752.55
1969	Wet	51.22	46.93	41.24	43.89	82.18	90.99	51.25	53.36	55.76	55.71	62.79	56.59	691.91
1970	Wet	55.45	49.18	44.20	69.75	82.18	90.99	51.69	55.48	60.70	57.20	63.00	57.48	737.30
1971	Wet	56.18	51.20	46.33	85.86	77.08	61.44	45.31	58.05	57.72	58.50	66.40	62.77	726.84
1972	Below Normal	50.43	46.31	40.32	23.83	34.02	40.38	48.80	59.35	60.30	57.72	65.02	61.09	587.57
1973	Above Normal	50.41	46.13	40.15	29.57	47.41	50.86	53.80	57.09	62.45	58.69	64.30	58.64	619.50
1974	Wet	57.32	52.29	47.45	85.80	79.94	69.68	59.29	55.50	60.82	57.37	63.60	57.95	747.01
1975	Wet	56.52	51.42	46.27	83.65	79.93	65.93	55.78	56.23	61.56	57.88	63.06	57.63	735.86
1976	Critical	56.14	51.28	46.70	73.78	73.16	41.39	45.71	58.30	4.15	63.96	36.49	73.22	624.28
1977	Critical	56.96	52.20	44.80	15.36	17.59	15.26	9.31	1.33	1.56	2.46	2.09	1.55	220.47
1978	Above Normal	0.47	1.16	61.56	7.08	19.00	36.33	49.80	53.60	58.29	55.26	60.66	55.82	459.03
1979	Below Normal	52.03	47.44	42.69	61.03	59.66	55.51	53.91	54.50	59.76	56.32	61.59	56.12	660.56
1980	Above Normal	54.62	49.81	45.20	71.48	77.89	90.99	47.88	50.47	55.35	52.95	59.13	53.29	709.06
1981	Dry	51.68	46.99	41.90	85.14	82.18	57.20	45.82	59.39	6.61	68.68	59.54	74.91	680.04
1982	Wet	58.83	54.14	46.84	34.38	36.77	90.99	61.34	58.57	63.84	60.60	67.83	61.31	695.44
1983	Wet	59.71	53.21	84.64	85.54	72.80	90.99	42.10	44.29	48.49	52.16	51.85	48.25	734.03
1984	Wet	49.44	45.13	84.64	79.62	75.25	90.99	51.66	56.08	61.10	57.82	63.65	58.18	773.56
1985	Dry	56.71	51.80	52.28	82.97	75.60	59.40	51.28	52.75	57.35	53.95	59.00	53.70	706.79
1986	Wet	52.43	47.81	43.42	71.35	66.73	60.22	57.45	58.06	63.44	60.18	66.81	60.26	708.16
1987	Dry	58.63	53.56	47.98	92.49	82.18	44.17	37.64	50.53	51.97	44.99	44.39	42.99	651.52
1988	Critical	27.81	21.79	18.81	10.04	15.43	13.88	26.00	34.39	35.41	31.00	30.30	29.23	294.09
1989	Dry	18.46	14.16	12.41	8.44	12.99	13.65	50.91	65.48	33.17	66.94	59.08	73.58	429.27
1990	Critical	57.82	53.10	45.70	16.38	19.53	18.46	33.87	45.24	46.55	40.45	39.71	38.42	455.23
1991	Critical	24.61	19.17	16.60	9.44	12.64	13.60	26.48	31.05	10.60	37.09	35.87	34.87	272.02
1992	Critical	21.58	14.41	15.45	8.45	11.75	12.40	26.08	34.50	35.43	2.07	1.98	13.09	197.19
1993	Above Normal	43.46	0.78	59.85	8.29	28.61	37.51	50.00	55.85	22.16	61.36	67.82	63.12	498.81
1994	Critical	56.35	51.71	45.95	51.49	49.95	33.81	41.80	52.86	36.74	53.29	4.46	49.16	527.57
1995	Wet	0.36	11.06	84.66	6.42	25.44	34.30	59.11	59.59	64.89	61.54	67.83	61.58	536.78
1996	Wet	60.02	54.79	49.38	40.64	43.96	46.67	54.92	55.14	60.30	56.93	62.48	56.97	642.20
1997	Wet	55.61	50.78	46.06	80.24	81.12	90.99	51.37	53.31	58.22	55.33	61.60	55.91	740.54
1998	Wet	54.33	49.55	44.40	85.08	63.59	74.39	50.81	51.77	54.11	51.65	60.41	54.55	694.64
1999	Wet	58.46	53.86	57.74	90.71	72.99	70.49	51.78	55.48	60.52	57.45	63.30	57.72	750.50
2000	Above Normal	56.34	51.45	46.56	79.20	73.28	51.22	50.14	62.01	65.21	62.97	69.94	66.07	734.39
2001	Dry	54.14	49.87	43.68	27.03	25.62	21.52	39.75	53.77	55.56	48.48	47.82	46.29	513.53
2002	Dry	29.89	23.69	20.46	13.52	21.85	26.80	55.85	55.95	58.49	55.26	60.02	54.52	476.30
2003	Above Normal	53.05	21.86	56.28	14.20	21.70	26.21	41.67	52.99	3.09	63.48	69.34	65.97	489.84
	Average	48.65	44.34	46.90	46.61	47.86	48.92	47.49	52.43	46.29	54.44	56.20	54.22	594.36
	Wet	51.10	47.88	50.00	60.74	62.91	70.22	53.30	54.51	58.62	56.59	62.65	57.06	685.59
	Above Normal	52.94	38.17	52.77	44.50	49.64	48.50	49.14	54.44	42.19	59.99	66.93	62.35	621.57
	Below Normal	49.57	48.90	46.99	48.27	47.85	53.24	50.44	51.97	37.93	62.18	68.75	64.23	630.33
	Dry	44.63	43.56	45.89	39.71	38.06	33.40	46.06	56.14	47.26	56.30	54.55	56.67	562.24
	Critical	43.97	38.65	35.69	26.53	28.19	21.41	31.98	40.92	31.97	32.44	19.35	24.58	375.68

Difference in Energy Use (GWh) At Pumping Plant at Pearblossom: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	4.78	0.44	0.36	1.39	1.91	4.58	4.69	5.71	5.13	2.42
1923	Below Normal	4.98	4.73	4.00	17.66	14.36	21.05	16.21	(52.90)	(53.22)	15.79	15.96	14.80	1.95
1924	Critical	14.92	14.05	12.95	15.32	13.15	5.45	4.66	6.52	(20.22)	(34.26)	(33.70)	(32.94)	(2.84)
1925	Dry	(1.42)	36.06	69.84	2.57	4.28	(3.37)	(6.10)	(9.66)	(8.58)	(8.16)	(9.64)	(9.09)	4.73
1926	Dry	(7.27)	(6.63)	(5.49)	1.17	0.25	1.62	(0.40)	4.51	(0.38)	5.36	5.76	5.57	0.34
1927	Wet	(14.12)	9.35	7.86	1.21	(0.27)	0.62	(1.13)	(1.36)	1.17	1.26	1.09	1.22	0.57
1928	Above Normal	1.22	1.33	1.48	2.23	(0.33)	(0.94)	(1.49)	4.10	(52.67)	11.59	12.87	13.31	(0.61)
1929	Critical	7.58	7.41	5.69	(16.55)	(16.11)	(4.81)	3.36	1.29	1.35	(10.75)	(30.49)	(28.54)	(6.71)
1930	Dry	(5.19)	(5.78)	55.37	0.84	0.08	0.36	0.25	0.85	(7.83)	1.38	0.38	0.64	3.45
1931	Critical	(0.69)	(1.36)	(1.25)	0.11	0.18	0.86	0.24	0.33	0.34	0.29	(17.27)	(37.86)	(4.67)
1932	Dry	(14.24)	13.58	31.48	0.13	0.45	1.07	(0.03)	(0.05)	2.53	2.55	2.56	2.56	3.55
1933	Critical	2.59	2.60	2.59	2.76	0.08	0.69	0.07	(0.74)	(0.16)	0.85	2.04	1.81	1.27
1934	Critical	(5.25)	(6.50)	12.45	1.31	0.50	(0.71)	(1.84)	(2.57)	(2.63)	(2.25)	0.00	0.00	(0.62)
1935	Below Normal	21.58	(12.31)	(9.03)	(0.25)	0.01	0.14	1.20	1.61	17.50	2.15	2.36	2.36	2.28
1936	Below Normal	2.59	2.35	2.37	2.62	(0.06)	(6.80)	0.08	0.07	2.65	2.64	2.66	2.65	1.15
1937	Below Normal	2.65	2.65	2.64	(0.03)	0.37	11.19	(0.81)	(0.81)	1.75	1.83	1.82	1.85	2.09
1938	Wet	1.84	1.90	(0.66)	(12.34)	(11.28)	(8.02)	(0.52)	(5.45)	(5.46)	1.40	(2.84)	2.10	(3.28)
1939	Dry	2.08	2.12	2.15	1.68	0.00	(2.42)	(5.10)	0.82	0.50	2.49	0.94	2.14	0.62
1940	Above Normal	2.37	(18.78)	9.33	0.01	(1.99)	(0.54)	(0.03)	(0.04)	2.21	2.53	2.53	2.53	0.01
1941	Wet	2.54	2.53	1.95	0.01	(0.01)	(5.10)	0.00	0.00	2.58	2.58	2.58	2.59	1.02
1942	Wet	2.58	2.58	1.19	8.93	0.30	(0.57)	0.02	(0.18)	2.40	2.39	2.32	2.37	2.03
1943	Wet	2.38	2.40	2.45	1.34	1.85	2.05	1.16	(0.06)	2.53	2.51	2.39	2.44	1.95
1944	Dry	2.46	2.48	2.54	(5.77)	(7.51)	(2.56)	0.03	0.11	2.04	1.94	1.84	1.87	(0.04)
1945	Below Normal	1.74	1.69	1.72	1.86	(0.02)	(11.96)	0.07	0.07	2.66	2.65	2.65	2.65	0.48
1946	Below Normal	2.66	2.65	3.34	2.58	0.00	0.18	0.23	0.24	2.83	2.82	2.84	2.82	1.93
1947	Dry	2.82	2.80	2.77	3.06	0.10	0.06	(0.07)	0.21	1.79	1.81	1.87	1.90	1.59
1948	Below Normal	1.64	1.64	1.60	0.56	(0.95)	(0.35)	0.04	2.05	0.00	0.00	0.03	0.03	0.52
1949	Dry	0.03	0.03	0.03	0.00	0.00	(0.03)	(0.01)	0.06	0.10	0.11	0.12	0.13	0.05
1950	Below Normal	0.05	0.06	0.05	(0.58)	(0.55)	(0.17)	(0.01)	(0.01)	1.53	1.52	1.51	1.52	0.41
1951	Above Normal	1.52	1.52	(0.01)	(14.23)	11.22	0.00	0.00	0.00	2.58	2.58	2.59	2.58	0.86
1952	Wet	2.58	2.58	2.58	1.55	(0.01)	0.00	0.00	(2.23)	(2.35)	0.19	(0.53)	0.06	0.37
1953	Wet	0.25	0.44	7.96	9.95	(6.41)	(11.27)	(11.86)	(1.10)	2.10	2.03	1.78	1.68	(0.37)
1954	Above Normal	2.40	2.39	2.54	5.84	2.86	1.75	0.35	0.47	5.18	0.37	1.39	1.36	2.24
1955	Dry	1.35	1.35	1.32	1.20	0.02	(0.07)	(0.33)	(0.43)	(0.03)	(0.01)	(0.06)	(0.04)	0.36
1956	Wet	0.05	0.07	0.11	(17.22)	0.02	0.03	0.05	0.05	2.63	2.63	2.63	2.62	(0.53)
1957	Above Normal	2.62	2.61	2.62	(0.10)	0.00	(0.03)	0.02	0.31	2.44	2.44	2.45	2.45	1.49
1958	Wet	2.45	2.45	2.45	2.44	0.00	(0.13)	0.00	0.00	2.58	2.58	2.58	2.58	1.67
1959	Below Normal	2.58	2.58	2.58	2.43	7.31	(0.83)	(1.18)	(1.49)	1.76	2.15	1.84	1.95	1.81
1960	Dry	1.76	1.73	1.71	1.53	(0.28)	0.12	0.08	(0.20)	4.32	(1.04)	3.57	(2.14)	0.93
1961	Dry	(1.26)	(1.26)	(1.00)	1.13	1.03	0.40	0.10	0.14	0.14	0.13	1.20	(0.05)	0.06
1962	Below Normal	1.14	(0.26)	0.74	0.00	0.00	0.00	0.00	0.00	2.50	2.50	2.50	2.50	0.97
1963	Wet	2.50	2.50	2.50	2.50	0.00	0.00	0.00	0.00	2.58	2.58	2.59	2.58	1.69
1964	Dry	2.58	2.58	2.59	2.59	0.04	0.03	(0.03)	(0.02)	0.02	0.02	0.02	0.02	0.87
1965	Wet	0.01	0.02	0.02	0.26	0.16	(0.20)	0.01	0.13	0.76	2.86	2.89	2.89	0.82
1966	Below Normal	2.78	2.76	2.74	2.20	(0.37)	(0.16)	0.00	0.01	2.14	2.03	2.03	2.04	1.52
1967	Wet	2.02	2.02	2.02	1.97	(0.04)	0.00	0.02	(0.06)	(0.06)	2.52	2.50	2.51	1.29
1968	Below Normal	2.52	1.01	2.54	7.63	0.00	0.60	0.17	1.20	3.20	3.32	3.78	3.92	2.49
1969	Wet	2.49	2.54	2.33	(5.59)	0.00	0.00	(0.29)	(0.29)	(0.31)	2.31	2.30	2.32	0.65
1970	Wet	2.31	2.33	2.34	(10.28)	0.00	0.00	0.02	0.21	2.79	2.78	2.80	2.78	0.67
1971	Wet	2.78	2.77	2.75	13.11	(5.10)	0.18	(0.10)	(0.15)	0.15	1.93	1.90	1.91	1.84
1972	Below Normal	1.89	1.89	1.89	1.93	0.01	0.00	(0.01)	(0.03)	0.01	0.00	0.01	0.00	0.63
1973	Above Normal	0.03	0.03	0.03	0.12	0.06	0.23	(0.20)	0.01	2.59	2.59	2.59	2.59	0.89
1974	Wet	2.59	2.59	2.59	12.78	16.49	(7.36)	3.12	(0.49)	2.07	2.05	1.88	2.01	3.36
1975	Wet	2.05	2.09	2.22	0.28	(2.25)	(2.51)	0.56	0.57	3.17	3.13	3.19	3.13	1.30
1976	Critical	3.13	3.09	3.03	3.28	0.64	0.18	(0.26)	(0.33)	(0.02)	(0.34)	0.78	(0.62)	1.05
1977	Critical	(0.52)	(0.48)	(0.43)	(0.06)	(0.05)	(0.02)	3.10	0.00	0.05	0.00	(0.04)	0.00	0.13
1978	Above Normal	0.00	(0.44)	0.29	0.00	0.01	(0.71)	(0.27)	2.40	4.60	4.74	5.31	5.72	1.80
1979	Below Normal	3.20	3.26	2.73	(9.41)	(11.33)	5.68	2.06	0.41	3.00	2.94	2.88	2.91	0.69
1980	Above Normal	2.94	2.91	2.95	(1.49)	3.95	0.00	(2.88)	(2.24)	0.23	0.27	(0.30)	0.10	0.54
1981	Dry	0.22	0.41	0.87	3.75	0.00	4.76	1.09	1.48	2.44	2.03	(2.29)	3.06	1.49
1982	Wet	3.05	3.02	2.95	2.63	0.27	0.00	0.00	0.01	2.59	2.59	2.60	2.59	1.86
1983	Wet	1.89	0.71	0.00	0.00	(0.14)	0.00	0.00	0.00	0.00	0.00	2.58	2.59	0.64
1984	Wet	0.00	0.00	0.00	0.00	0.16	0.00	0.01	0.01	2.59	2.58	2.58	2.59	0.88
1985	Dry	2.58	2.58	2.59	2.58	0.00	0.00	0.00	0.00	1.89	1.89	1.89	1.89	1.49
1986	Wet	1.90	1.89	1.89	1.90	0.00	(30.77)	1.44	0.03	2.62	2.61	2.63	2.62	(0.94)
1987	Dry	2.61	2.61	2.60	8.98	0.00	0.02	(1.39)	(1.93)	(1.92)	(1.63)	(1.63)	(1.59)	0.56
1988	Critical	(1.04)	(0.84)	(0.69)	(0.12)	(0.18)	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	(0.24)
1989	Dry	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.05)	(0.07)	(0.66)	(0.01)	(3.90)	0.68	(0.34)
1990	Critical	0.50	0.45	0.37	(0.02)	(0.01)	0.01	0.00	0.02	0.01	0.01	0.00	0.01	0.11
1991	Critical	0.01	0.01	0.00	(0.01)	0.00	0.00	(0.01)	(1.24)	(0.08)	0.20	0.17	0.17	(0.07)
1992	Critical	0.10	(1.17)	0.84	(0.01)	(0.01)	0.00	0.00	(0.01)	(0.01)	0.00	0.00	(0.34)	(0.05)
1993	Above Normal	(0.44)	(0.52)	0.70	0.00	(0.03)	(0.10)	(0.01)	0.09	1.24	2.79	2.80	2.81	0.78
1994	Critical	2.71	2.70	2.68	2.22	(0.32)	(0.16)	0.01	0.00	0.19	0.01	0.32	(0.13)	0.85
1995	Wet	(1.06)	(1.42)	0.02	0.03	0.00	0.00	0.00	0.00	2.58	2.58	2.58	2.58	0.66
1996	Wet	2.58	2.58	2.58	(34.13)	(31.96)	(13.49)	(1.20)	(1.21)	1.31	1.38	1.29	1.44	(5.74)
1997	Wet	1.46	1.55	1.66	0.12	12.79	0.00	0.14	0.13	2.72	2.70	2.71	2.70	2.39
1998	Wet	2.71	2.70	2.70	3.16	0.02	(0.08)	(0.05)	(2.26)	(2.37)	(2.43)	(0.55)	0.04	0.30
1999	Wet	5.85	(0.30)	5.03	9.93	11.92	(7.52)	(0.24)	0.10	2.69	2.68	2.70	2.69	2.96
2000	Above Normal	2.69	2.68	2.66	2.90	0.40	(0.26)	(0.13)	0.40	2.76	2.79	2.90	2.97	1.90
2001	Dry	2.44	2.45	2.38	0.25	(1.97)	(0.55)	0.31	0.44	0.90	0.83	0.83	0.82	0.76
2002	Dry	0.70	0.65	0.62	0.49	0.00	(0.03)	(0.17)	(0.18)	(0.16)	(0.14)	(0.16)	(0.15)	0.12
2003	Above Normal	(0.15)	3.20	(3.26)	0.66	0.57	0.21	(0.01)	(0.01)	1.75	1.74	1.74	1.74	0.68
	Average	1.45	1.72	3.77	0.72	0.08	(0.79)	0.04	(0.69)	(0.30)	1.19	0.75	0.64	0.72
	Wet	1.37	2.00	2.29	(0.21)	(0.52)	(3.24)	(0.34)	(0.52)	1.31	2.02	1.97	2.22	0.69
	Above Normal	1.27	(0.26)	1.61	0.06	1.43	(0.00)	(0.27)	0.62	(1.88)	3.26	3.55	3.61	1.08
	Below Normal	3.71	1.05	1.42	2.09	0.63	1.33	1.29	(3.54)	(0.84)	3.02	3.06	3.00	1.35
	Dry	(0.43)	3.21	9.58	1.45	(0.20)	(0.03)	(0.66)	(0.22)	(0.16)	0.53	0.18	0.46	1.14
	Critical	2.00	1.66	3.19	0.69	(0.18)	0.12	0.78	0.27	(1.77)	(3.85)	(6.52)	(8.20)	(0.98)

Percent Difference in Energy Use (GWh) At Pumping Plant at Pearblossom: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	31%	2%	1%	3%	4%	8%	9%	10%	10%
1923	Below Normal	10%	10%	10%	24%	22%	30%	35%	-93%	-93%	29%	25%	25%
1924	Critical	30%	31%	33%	55%	45%	25%	15%	16%	-48%	-94%	-95%	-96%
1925	Dry	-7%	212%	472%	28%	34%	-14%	-13%	-16%	-14%	-13%	-14%	-14%
1926	Dry	-14%	-14%	-14%	7%	1%	7%	-1%	8%	-1%	10%	10%	10%
1927	Wet	-32%	23%	23%	7%	-1%	1%	-2%	-2%	2%	2%	2%	2%
1928	Above Normal	2%	3%	3%	3%	0%	-2%	-3%	7%	-90%	21%	21%	24%
1929	Critical	14%	15%	13%	-25%	-25%	-15%	13%	3%	4%	-32%	-94%	-95%
1930	Dry	-26%	-37%	407%	10%	1%	2%	1%	2%	-15%	3%	1%	1%
1931	Critical	-2%	-4%	-5%	1%	1%	5%	1%	1%	1%	1%	-42%	-96%
1932	Dry	-59%	66%	177%	1%	2%	5%	0%	0%	5%	5%	5%	5%
1933	Critical	7%	8%	9%	21%	0%	3%	0%	-1%	0%	2%	4%	4%
1934	Critical	-16%	-25%	55%	12%	4%	-4%	-5%	-5%	-5%	-5%	0%	0%
1935	Below Normal	100%	-19%	-18%	-2%	0%	1%	2%	3%	115%	3%	3%	3%
1936	Below Normal	5%	5%	5%	16%	0%	-12%	0%	0%	4%	5%	4%	5%
1937	Below Normal	5%	5%	6%	0%	0%	16%	-1%	-1%	3%	3%	3%	3%
1938	Wet	3%	4%	-1%	-15%	-14%	-9%	-1%	-9%	-9%	3%	-4%	4%
1939	Dry	4%	4%	5%	2%	0%	-3%	-9%	1%	12%	4%	3%	3%
1940	Above Normal	4%	-76%	14%	0%	-15%	-2%	0%	0%	5%	4%	4%	4%
1941	Wet	5%	5%	5%	0%	0%	-7%	0%	0%	5%	5%	5%	5%
1942	Wet	5%	6%	3%	14%	0%	-1%	0%	0%	4%	5%	4%	5%
1943	Wet	5%	5%	6%	2%	2%	3%	2%	0%	4%	4%	4%	4%
1944	Dry	4%	5%	6%	-9%	-12%	-7%	0%	0%	4%	4%	3%	4%
1945	Below Normal	5%	5%	6%	12%	0%	-13%	0%	0%	4%	5%	4%	5%
1946	Below Normal	5%	5%	7%	3%	0%	0%	0%	0%	5%	5%	5%	5%
1947	Dry	5%	6%	7%	4%	0%	0%	0%	0%	3%	3%	3%	3%
1948	Below Normal	3%	3%	4%	1%	-2%	-1%	0%	6%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-4%	-3%	-1%	0%	0%	96%	2%	2%	2%
1951	Above Normal	3%	3%	0%	-16%	16%	0%	0%	0%	4%	5%	4%	5%
1952	Wet	5%	5%	6%	2%	0%	0%	0%	-5%	-5%	0%	-1%	0%
1953	Wet	1%	1%	13%	12%	-8%	-12%	-18%	-2%	4%	4%	3%	3%
1954	Above Normal	5%	5%	7%	11%	5%	4%	1%	1%	9%	1%	2%	2%
1955	Dry	3%	3%	3%	6%	0%	0%	-1%	-1%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	-22%	0%	0%	0%	0%	4%	4%	4%	4%
1957	Above Normal	4%	5%	5%	0%	0%	0%	0%	1%	131%	4%	4%	4%
1958	Wet	5%	5%	6%	13%	0%	0%	0%	0%	4%	4%	4%	4%
1959	Below Normal	4%	5%	5%	3%	10%	-1%	-3%	-3%	44%	3%	3%	3%
1960	Dry	3%	4%	4%	10%	-2%	1%	0%	0%	16%	-2%	9%	-3%
1961	Dry	-2%	-2%	-2%	5%	4%	2%	0%	0%	0%	0%	3%	0%
1962	Below Normal	317%	-1%	1%	0%	0%	0%	0%	0%	148%	4%	3%	4%
1963	Wet	5%	5%	6%	7%	0%	0%	0%	0%	5%	5%	4%	5%
1964	Dry	5%	6%	5%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	2%	6%	5%	6%
1966	Below Normal	6%	6%	7%	3%	-1%	0%	0%	0%	4%	4%	3%	3%
1967	Wet	4%	4%	5%	8%	0%	0%	0%	0%	0%	5%	4%	4%
1968	Below Normal	5%	2%	6%	11%	0%	1%	0%	2%	6%	6%	6%	7%
1969	Wet	5%	6%	6%	-11%	0%	0%	-1%	-1%	-1%	4%	4%	4%
1970	Wet	4%	5%	6%	-13%	0%	0%	0%	0%	5%	5%	5%	5%
1971	Wet	5%	6%	6%	18%	-6%	0%	0%	0%	0%	3%	3%	3%
1972	Below Normal	4%	4%	5%	9%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	4%	5%	4%	5%
1974	Wet	5%	5%	6%	18%	26%	-10%	6%	-1%	4%	4%	3%	4%
1975	Wet	4%	4%	5%	0%	-3%	-4%	1%	1%	5%	6%	5%	6%
1976	Critical	6%	6%	7%	5%	1%	0%	-1%	-1%	0%	-1%	2%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	50%	0%	3%	0%	-2%	0%
1978	Above Normal	0%	-28%	0%	0%	0%	-2%	-1%	5%	9%	9%	10%	11%
1979	Below Normal	7%	7%	7%	-13%	-16%	11%	4%	1%	5%	6%	5%	5%
1980	Above Normal	6%	6%	7%	-2%	5%	0%	-6%	-4%	0%	1%	-1%	0%
1981	Dry	0%	1%	2%	5%	0%	9%	2%	3%	59%	3%	-4%	4%
1982	Wet	5%	6%	7%	8%	1%	0%	0%	0%	4%	4%	4%	4%
1983	Wet	3%	1%	0%	0%	0%	0%	0%	0%	0%	0%	5%	6%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	4%	5%	4%	5%
1985	Dry	5%	5%	5%	3%	0%	0%	0%	0%	3%	4%	3%	4%
1986	Wet	4%	4%	5%	3%	0%	-34%	3%	0%	4%	5%	4%	5%
1987	Dry	5%	5%	6%	11%	0%	0%	-4%	-4%	-4%	-3%	-4%	-4%
1988	Critical	-4%	-4%	-4%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	-6%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-4%	-1%	1%	0%	0%
1992	Critical	0%	-8%	6%	0%	0%	0%	0%	0%	0%	0%	0%	-3%
1993	Above Normal	-1%	-40%	1%	0%	0%	0%	0%	0%	6%	5%	4%	5%
1994	Critical	5%	6%	6%	5%	-1%	0%	0%	0%	1%	0%	8%	0%
1995	Wet	-75%	-11%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1996	Wet	4%	5%	6%	-46%	-42%	-22%	-2%	-2%	2%	2%	2%	3%
1997	Wet	3%	3%	4%	0%	19%	0%	0%	0%	5%	5%	5%	5%
1998	Wet	5%	6%	6%	4%	0%	0%	0%	-4%	-4%	-4%	-1%	0%
1999	Wet	11%	-1%	10%	12%	20%	-10%	0%	0%	5%	5%	4%	5%
2000	Above Normal	5%	5%	6%	4%	1%	-1%	0%	1%	4%	5%	4%	5%
2001	Dry	5%	5%	6%	1%	-7%	-2%	1%	1%	2%	2%	2%	2%
2002	Dry	2%	3%	3%	4%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	17%	-5%	5%	3%	1%	0%	0%	131%	3%	3%	3%
	Average	6%	4%	18%	3%	1%	-1%	1%	-1%	8%	2%	0%	0%
	Wet	0%	4%	5%	1%	0%	-4%	-1%	-1%	2%	4%	3%	4%
	Above Normal	2%	-8%	3%	3%	1%	0%	-1%	1%	19%	6%	6%	6%
	Below Normal	34%	3%	4%	4%	1%	2%	3%	-6%	24%	5%	5%	5%
	Dry	-4%	15%	61%	5%	1%	0%	-1%	0%	4%	1%	1%	1%
	Critical	3%	2%	10%	6%	2%	1%	6%	1%	-4%	-11%	-18%	-24%

Energy Use (GWh) At Pumping Plant at South Bay: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	14.70	7.57	9.06	1.02	1.68	11.46	9.47	9.50	12.65	13.29	12.77	11.66	114.83
1923	Below Normal	1.49	1.30	5.61	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	13.71	137.35
1924	Critical	1.64	2.54	5.31	10.10	9.10	12.59	7.04	4.95	5.84	6.45	6.37	5.93	77.86
1925	Dry	1.00	0.74	0.37	0.93	0.52	14.70	6.27	9.31	11.59	13.35	12.79	11.50	83.07
1926	Dry	1.76	2.73	5.27	7.04	6.57	11.97	8.04	8.13	10.12	11.59	11.08	9.95	94.25
1927	Wet	1.44	0.84	4.51	6.26	6.19	12.52	9.35	9.40	12.55	13.20	12.66	11.50	100.42
1928	Above Normal	1.48	1.29	5.59	14.70	13.75	14.70	14.23	14.70	14.23	13.76	11.96	10.87	131.26
1929	Critical	1.40	0.99	4.79	14.70	13.28	14.70	14.23	7.79	5.33	5.91	5.85	5.39	94.36
1930	Dry	0.89	0.66	0.33	0.83	0.45	8.91	8.50	6.88	8.49	9.59	9.34	8.48	63.35
1931	Critical	1.32	0.80	1.35	4.55	4.11	10.58	7.53	5.70	6.63	7.45	7.29	6.72	64.03
1932	Dry	1.14	0.85	0.42	1.06	1.76	10.84	8.72	7.17	8.87	10.15	9.79	8.90	69.67
1933	Critical	1.29	0.68	2.46	5.29	4.88	11.32	7.92	6.50	7.83	8.85	8.66	7.97	73.65
1934	Critical	1.33	0.93	0.49	3.02	3.10	10.56	7.76	6.02	7.08	7.83	0.84	3.56	52.52
1935	Below Normal	1.70	3.87	5.46	3.03	2.85	10.80	10.20	9.31	11.61	13.28	12.81	11.55	96.47
1936	Below Normal	1.76	2.72	5.27	7.10	6.79	14.70	7.52	9.77	12.99	13.67	13.17	11.96	107.42
1937	Below Normal	1.52	1.80	5.81	14.70	13.28	14.70	7.18	10.96	14.23	14.70	14.70	13.78	127.36
1938	Wet	2.69	3.06	6.78	14.70	13.28	14.70	8.47	14.70	14.23	14.70	14.70	14.23	136.24
1939	Dry	7.01	5.60	9.67	14.70	13.28	14.70	14.23	14.70	12.99	14.70	14.70	14.23	150.51
1940	Above Normal	9.82	5.54	9.34	1.02	1.46	11.34	10.23	9.49	11.79	13.44	12.96	11.71	108.14
1941	Wet	1.92	2.82	5.34	7.88	7.86	14.70	9.60	11.28	14.23	14.70	14.70	14.23	119.26
1942	Wet	3.48	3.56	7.32	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	143.83
1943	Wet	8.93	9.55	5.95	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	153.90
1944	Dry	7.81	3.75	7.46	13.96	12.81	14.46	8.68	7.22	8.80	10.08	9.77	8.92	113.72
1945	Below Normal	1.31	0.73	2.28	5.26	4.91	14.70	6.91	9.36	12.59	13.20	12.67	11.56	95.48
1946	Below Normal	1.47	1.29	14.70	14.70	2.65	13.10	9.27	9.23	12.29	12.95	12.46	11.33	115.44
1947	Dry	1.47	1.06	5.38	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	11.56	134.71
1948	Below Normal	1.56	2.06	5.40	13.73	12.39	13.95	7.64	8.22	10.25	11.77	11.29	10.19	108.45
1949	Dry	1.47	1.06	4.61	6.22	5.84	11.60	9.83	9.28	12.00	13.08	12.57	11.45	99.01
1950	Below Normal	1.54	1.87	5.38	2.08	2.32	10.73	9.66	8.39	5.24	13.09	12.61	11.39	84.30
1951	Above Normal	1.60	2.63	14.70	14.70	6.75	8.39	5.40	9.60	12.76	13.36	12.89	11.75	114.53
1952	Wet	1.52	1.47	5.67	14.70	13.75	14.70	14.23	14.70	14.23	14.70	14.70	14.23	138.60
1953	Wet	6.97	5.56	14.70	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	156.70
1954	Above Normal	6.63	1.88	5.17	14.70	13.28	14.70	14.23	9.54	11.79	13.62	13.00	11.79	130.33
1955	Dry	1.99	2.87	5.36	7.49	6.95	12.16	9.20	7.93	9.79	11.26	10.86	9.82	95.68
1956	Wet	1.39	0.70	4.25	14.70	11.33	8.90	6.23	10.79	14.23	14.70	14.63	13.35	115.20
1957	Above Normal	2.26	2.83	6.50	14.70	13.28	14.70	14.23	14.70	9.80	14.70	14.70	13.57	135.97
1958	Wet	1.37	0.69	4.04	6.38	6.51	14.70	9.42	12.47	14.23	14.70	14.70	14.23	113.44
1959	Below Normal	7.55	5.87	9.99	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	152.88
1960	Dry	9.24	6.54	5.08	6.92	6.22	11.72	10.48	9.74	12.27	13.88	13.31	12.05	117.45
1961	Dry	2.13	2.96	5.54	8.54	7.81	12.06	9.59	8.25	2.85	13.56	13.12	11.76	98.17
1962	Below Normal	1.81	2.85	5.38	1.28	1.68	10.99	9.75	8.54	10.64	12.23	11.76	10.60	87.51
1963	Wet	1.51	1.66	4.82	7.59	6.89	12.54	9.12	9.16	12.23	12.81	12.38	11.26	101.97
1964	Dry	1.46	1.05	14.70	14.70	11.14	0.24	8.49	9.23	12.33	12.97	12.51	11.35	110.17
1965	Wet	1.46	1.11	5.52	14.65	13.28	14.70	9.16	8.77	11.52	12.26	11.84	10.65	114.92
1966	Below Normal	1.40	0.97	4.64	14.70	13.28	14.70	14.23	14.70	14.23	13.49	12.99	11.73	131.06
1967	Wet	1.84	2.76	5.35	8.85	8.90	13.67	9.81	10.71	14.23	14.70	14.59	13.28	118.69
1968	Below Normal	2.20	2.78	6.45	14.70	13.75	14.70	14.23	14.70	14.23	14.70	14.70	14.23	141.37
1969	Wet	2.94	2.25	5.26	14.70	13.27	4.11	7.19	12.40	14.23	14.70	14.70	14.23	119.98
1970	Wet	6.85	6.02	9.68	14.70	13.28	14.70	9.22	9.53	12.65	13.28	12.75	11.61	134.27
1971	Wet	1.50	1.33	5.62	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	13.56	137.25
1972	Below Normal	1.73	2.71	5.21	7.62	7.25	12.58	10.19	9.48	11.89	13.44	12.94	11.67	106.71
1973	Above Normal	1.73	2.66	5.37	10.16	9.89	14.70	8.73	9.67	12.86	13.42	12.92	11.74	113.85
1974	Wet	1.51	1.52	5.70	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	138.20
1975	Wet	8.98	2.77	6.45	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	147.67
1976	Critical	4.50	1.76	5.48	14.70	13.75	14.70	14.23	14.70	13.02	14.70	11.98	10.86	134.38
1977	Critical	1.55	1.96	4.92	6.66	6.00	11.56	6.55	3.95	0.82	0.89	1.61	4.31	50.78
1978	Above Normal	0.00	3.51	5.44	1.18	2.09	11.53	9.38	8.87	11.80	12.39	11.94	10.82	88.95
1979	Below Normal	1.38	1.00	4.72	14.70	13.28	14.70	6.80	9.81	13.05	13.66	13.13	12.01	118.24
1980	Above Normal	1.52	1.79	5.82	14.70	13.75	14.70	8.62	12.38	14.23	14.70	14.70	14.23	131.14
1981	Dry	7.32	5.77	9.86	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	152.42
1982	Wet	1.59	2.06	4.91	7.60	7.14	14.70	14.23	12.39	14.23	14.70	14.70	14.23	122.48
1983	Wet	14.70	10.09	9.76	14.70	13.28	11.38	7.09	12.30	14.23	14.70	14.70	14.23	151.16
1984	Wet	14.70	14.23	14.38	14.70	13.75	14.70	5.37	9.66	12.76	13.43	12.90	11.79	152.37
1985	Dry	1.52	1.40	14.70	11.00	13.28	14.70	14.23	14.70	14.23	13.88	11.97	10.86	136.47
1986	Wet	1.40	1.01	4.76	14.70	13.28	14.70	10.87	11.82	14.23	14.70	14.70	14.23	130.40
1987	Dry	5.32	4.60	8.53	14.70	13.28	14.70	14.23	14.70	14.23	13.45	7.97	7.45	133.16
1988	Critical	1.26	0.93	0.46	1.32	2.77	10.37	6.66	4.25	5.08	5.72	5.56	5.16	49.54
1989	Dry	0.85	0.63	0.31	0.80	0.42	8.05	10.49	9.64	12.05	13.84	13.29	12.00	82.37
1990	Critical	2.17	3.02	5.50	7.23	6.61	12.17	7.43	5.42	6.43	7.16	7.06	6.58	76.78
1991	Critical	1.11	0.82	0.41	1.02	0.94	10.21	6.67	4.33	5.15	5.79	5.64	5.30	47.39
1992	Critical	0.87	0.64	0.32	0.81	0.43	7.86	6.69	4.37	5.06	3.31	0.87	7.88	39.11
1993	Above Normal	1.02	0.76	0.38	0.98	2.64	11.32	9.70	9.19	11.88	12.94	12.47	11.31	84.59
1994	Critical	1.51	1.67	5.31	14.70	13.28	14.70	9.56	8.06	9.99	11.47	11.03	9.97	111.25
1995	Wet	1.41	0.73	4.49	1.29	2.45	11.63	10.49	11.15	14.23	14.70	14.70	14.23	101.50
1996	Wet	3.25	3.41	7.15	14.70	13.75	14.70	14.23	14.70	14.23	13.54	13.04	11.81	138.51
1997	Wet	1.52	1.60	5.73	14.70	13.28	14.70	10.30	10.84	14.23	14.70	14.55	13.30	129.45
1998	Wet	2.18	2.79	6.45	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	140.89
1999	Wet	14.70	14.23	14.70	12.49	13.28	14.70	9.39	9.55	12.67	13.22	12.81	11.68	153.42
2000	Above Normal	1.50	1.43	5.64	14.70	13.75	14.70	14.23	14.70	14.23	14.70	14.70	13.73	138.01
2001	Dry	1.77	2.67	5.40	9.91	8.86	12.63	7.87	6.46	7.53	8.24	8.17	7.64	87.15
2002	Dry	1.30	0.96	0.48	1.87	3.16	11.69	9.25	8.98	12.03	12.60	12.10	11.03	85.45
2003	Above Normal	1.41	1.01	4.97	1.49	2.03	11.21	9.31	8.08	10.04	11.59	11.08	10.04	82.26
	Average	3.16	2.75	5.90	9.81	8.90	12.84	10.27	10.48	11.65	12.61	12.12	11.38	111.87
	Wet	4.30	3.76	6.90	12.42	11.45	13.62	10.90	12.28	13.81	14.27	14.13	13.36	131.18
	Above Normal	3.64	2.74	6.50	8.67	7.86	12.79	10.65	10.87	12.34	13.49	13.01	11.94	114.49
	Below Normal	2.03	2.27	6.16	10.21	8.64	13.55	10.15	10.85	12.26	13.54	13.19	12.14	115.00
	Dry	3.08	2.55	5.75	8.34	7.72	11.92	10.36	10.10	11.04	12.53	11.82	10.73	105.93
	Critical	1.66	1.40	3.07	7.01	6.52	11.78	8.52	6.34	6.52	7.13	6.06	6.64	72.64

Energy Use (GWh) At Pumping Plant at South Bay: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	14.70	7.57	9.06	1.36	1.97	12.00	10.35	11.23	14.23	14.70	14.70	14.23	126.10
1923	Below Normal	3.30	3.43	7.21	14.70	13.28	14.70	14.23	14.70	11.64	14.70	14.70	14.23	140.82
1924	Critical	8.60	6.97	5.25	13.02	12.31	14.36	7.49	5.68	6.69	4.20	2.33	0.59	87.49
1925	Dry	2.97	4.95	6.14	3.07	3.48	11.40	9.31	7.94	9.89	11.41	10.91	9.77	91.24
1926	Dry	1.41	0.70	4.31	6.22	6.27	12.68	8.32	8.78	10.92	12.51	11.98	10.77	94.87
1927	Wet	1.56	1.91	4.91	6.75	7.03	13.49	9.24	9.18	12.26	12.90	12.37	11.24	102.84
1928	Above Normal	1.44	1.04	5.41	14.70	13.75	14.70	14.23	14.70	14.23	14.70	14.14	11.39	134.43
1929	Critical	1.54	1.76	5.37	14.70	13.28	14.70	7.47	4.66	5.52	6.14	1.40	3.77	80.31
1930	Dry	0.94	0.70	2.46	2.47	2.89	10.88	8.36	6.74	8.27	9.28	9.07	8.28	70.34
1931	Critical	1.32	0.86	0.75	4.24	4.41	11.27	7.56	5.75	6.68	7.51	7.35	1.68	59.38
1932	Dry	1.16	0.85	2.75	2.94	3.48	11.45	8.72	7.17	8.88	10.16	9.79	8.90	76.25
1933	Critical	1.29	0.68	2.47	5.31	4.90	11.37	8.09	6.69	8.13	9.26	9.00	8.23	75.42
1934	Critical	1.33	0.88	0.58	4.08	3.51	10.53	7.59	5.74	6.76	7.48	0.84	1.40	50.72
1935	Below Normal	2.21	4.11	5.57	2.90	2.76	10.78	10.35	9.54	11.89	13.61	13.13	11.84	98.69
1936	Below Normal	2.01	2.90	5.41	7.25	6.91	14.70	7.56	9.77	13.00	13.68	13.17	11.97	108.33
1937	Below Normal	1.52	1.81	5.81	14.70	13.28	14.70	10.35	10.97	14.23	14.70	14.70	13.80	130.57
1938	Wet	2.71	3.07	6.79	14.70	13.28	14.70	4.55	12.34	14.23	14.70	14.70	14.23	130.00
1939	Dry	7.03	5.61	9.69	14.70	13.28	14.70	14.23	14.70	12.99	14.70	14.70	14.23	150.56
1940	Above Normal	9.43	8.76	5.97	0.65	1.15	11.24	10.23	9.48	11.78	13.43	12.95	11.70	106.77
1941	Wet	1.91	2.82	5.34	7.87	7.85	14.70	9.59	11.28	14.23	14.70	14.70	14.23	119.22
1942	Wet	3.48	3.56	7.33	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	143.84
1943	Wet	9.59	7.82	5.87	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	152.75
1944	Dry	9.67	3.45	7.07	9.47	8.76	12.96	8.66	7.20	8.77	10.04	9.73	8.89	104.67
1945	Below Normal	1.31	0.74	2.20	5.21	4.86	14.70	6.85	9.37	12.60	13.21	12.68	11.57	95.30
1946	Below Normal	1.47	1.30	14.70	14.70	2.65	13.11	9.29	9.27	12.34	13.01	12.51	11.38	115.73
1947	Dry	1.47	1.06	5.46	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	11.59	134.82
1948	Below Normal	1.57	2.12	5.40	13.47	12.15	13.86	7.64	8.24	10.28	11.81	11.32	10.22	108.08
1949	Dry	1.47	1.10	4.63	6.24	5.86	11.60	9.84	9.29	12.00	13.09	12.58	11.46	99.16
1950	Below Normal	1.54	1.89	5.38	1.98	2.23	10.70	9.66	8.39	5.24	13.09	12.60	11.39	84.09
1951	Above Normal	1.60	2.63	14.70	14.70	6.75	8.39	5.40	9.60	12.76	13.36	12.89	11.75	114.53
1952	Wet	1.52	1.47	5.67	14.70	13.75	14.70	14.23	14.70	14.23	14.70	14.70	14.23	138.60
1953	Wet	2.38	2.88	14.70	12.57	13.28	14.70	14.23	14.70	14.23	14.70	14.70	12.31	145.38
1954	Above Normal	1.46	0.95	5.09	14.70	13.28	14.70	14.23	11.34	11.90	13.74	13.13	11.90	126.42
1955	Dry	2.08	2.94	5.42	7.55	7.01	12.17	9.16	7.87	9.72	11.17	10.78	9.74	95.61
1956	Wet	1.38	0.69	4.12	14.70	11.26	8.90	6.23	10.79	14.23	14.70	14.63	13.35	114.98
1957	Above Normal	2.26	2.83	6.51	14.70	13.28	14.70	14.23	14.70	9.80	14.70	14.70	13.55	135.96
1958	Wet	1.37	0.69	4.05	6.38	6.52	14.70	9.42	12.47	14.23	14.70	14.70	14.23	113.46
1959	Below Normal	7.55	5.88	9.99	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	152.89
1960	Dry	8.63	4.91	4.93	6.73	6.05	11.69	10.45	9.72	12.27	13.85	13.28	12.02	114.53
1961	Dry	2.09	2.93	5.54	8.82	8.06	12.18	9.60	8.27	2.86	13.57	13.12	11.79	98.83
1962	Below Normal	1.88	2.86	5.39	1.28	1.68	10.99	9.75	8.54	10.64	12.23	11.76	10.60	87.60
1963	Wet	1.51	1.66	4.82	7.59	6.89	12.54	9.12	9.16	12.23	12.81	12.38	11.26	101.97
1964	Dry	1.46	1.05	14.70	14.70	11.14	0.24	8.49	9.23	12.33	12.97	12.51	11.35	110.17
1965	Wet	1.46	1.11	5.52	14.70	13.28	14.70	9.17	8.78	11.52	12.27	11.85	10.66	115.02
1966	Below Normal	1.40	0.97	4.67	14.70	13.28	14.70	14.23	14.70	13.82	13.42	13.00	11.73	130.62
1967	Wet	1.84	2.76	5.35	8.83	8.89	13.66	9.81	10.67	14.19	14.70	14.51	13.20	118.41
1968	Below Normal	2.14	2.74	6.41	14.70	13.75	14.70	14.23	14.70	14.23	14.70	14.70	14.23	141.23
1969	Wet	4.17	2.46	5.30	12.09	13.28	14.65	7.19	12.40	14.23	14.70	14.70	14.23	129.40
1970	Wet	7.09	5.81	9.65	14.70	13.28	14.70	8.59	9.56	12.69	13.32	12.78	11.64	133.81
1971	Wet	1.51	1.37	5.63	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	13.44	137.19
1972	Below Normal	1.70	2.69	5.19	7.61	7.24	12.57	10.19	9.48	11.89	13.44	12.94	11.66	106.60
1973	Above Normal	1.72	2.65	5.37	10.18	9.91	14.70	8.74	9.67	12.86	13.42	12.92	11.74	113.88
1974	Wet	1.51	1.52	5.71	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	138.21
1975	Wet	6.54	2.50	6.18	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	144.69
1976	Critical	2.81	1.81	5.54	14.70	13.75	14.70	14.23	14.70	13.02	14.70	11.91	10.80	132.67
1977	Critical	1.55	1.88	4.89	6.62	5.96	11.55	6.55	3.95	0.82	0.89	1.66	4.38	50.70
1978	Above Normal	0.00	3.49	5.35	1.18	2.09	11.56	9.64	9.00	11.77	12.62	12.17	11.01	89.88
1979	Below Normal	1.45	1.05	5.25	14.70	13.28	14.70	14.23	11.50	12.82	13.42	12.90	11.79	127.09
1980	Above Normal	1.49	1.54	5.71	14.70	13.75	14.70	10.26	11.28	14.23	14.70	14.70	14.23	131.29
1981	Dry	3.60	3.61	7.39	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	144.07
1982	Wet	7.08	2.49	5.05	7.79	7.31	14.70	14.23	12.39	14.23	14.70	14.70	14.23	128.90
1983	Wet	7.54	14.23	12.77	14.70	13.28	10.68	7.09	12.30	14.23	14.70	14.70	14.23	150.45
1984	Wet	14.70	14.23	14.38	14.70	13.75	14.70	5.37	9.66	12.76	13.43	12.90	11.79	152.37
1985	Dry	1.52	1.40	14.70	11.00	13.28	14.70	14.23	14.70	14.23	13.88	11.97	10.86	136.47
1986	Wet	1.40	1.01	4.76	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	136.64
1987	Dry	10.42	8.63	8.53	14.70	13.28	14.70	14.23	14.70	14.23	12.61	7.71	7.20	140.94
1988	Critical	1.21	0.90	0.45	1.11	2.44	10.34	6.66	4.25	5.08	5.72	5.56	5.16	48.88
1989	Dry	0.85	0.63	0.31	0.80	0.42	8.04	10.48	9.63	12.04	13.82	13.27	11.99	82.28
1990	Critical	2.16	3.01	5.49	7.22	6.60	12.17	7.43	5.42	6.43	7.16	7.06	6.58	76.73
1991	Critical	1.11	0.82	0.41	1.02	0.94	10.21	6.67	4.33	5.15	5.79	5.64	5.30	47.39
1992	Critical	0.87	0.64	0.32	0.81	0.43	7.85	6.69	4.37	5.06	3.31	2.06	7.48	39.89
1993	Above Normal	0.84	0.62	0.31	0.79	2.41	11.33	9.71	9.19	11.88	12.95	12.48	11.32	83.83
1994	Critical	1.52	1.69	5.31	14.70	13.28	14.70	9.41	8.06	9.99	11.47	11.03	9.97	111.13
1995	Wet	1.41	0.73	4.49	1.29	2.45	11.63	10.49	11.15	14.23	14.70	14.70	14.23	101.50
1996	Wet	3.25	3.41	7.15	5.38	5.42	12.60	9.49	9.39	12.51	13.15	12.66	11.46	105.87
1997	Wet	1.47	1.19	5.55	14.70	13.28	14.70	10.30	10.83	14.23	14.70	14.54	13.29	128.78
1998	Wet	2.18	2.78	6.45	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	140.88
1999	Wet	14.70	14.23	11.61	8.84	13.28	14.70	9.38	9.59	12.72	13.28	12.86	11.73	146.92
2000	Above Normal	1.51	1.48	5.66	14.70	13.75	14.70	14.23	14.70	14.23	14.70	14.70	14.14	138.50
2001	Dry	1.84	2.72	5.41	9.36	8.38	12.43	7.90	6.51	7.59	8.30	8.23	7.70	86.37
2002	Dry	1.31	0.96	0.48	1.97	3.18	11.69	9.24	8.96	11.99	12.56	12.07	11.00	85.41
2003	Above Normal	1.40	1.01	4.91	1.61	2.13	11.24	9.31	8.08	10.04	11.59	11.08	10.04	82.44
	Average	3.16	2.90	5.96	9.64	8.88	12.96	10.32	10.43	11.61	12.58	12.06	11.21	111.72
	Wet	4.05	3.78	6.89	11.76	11.17	13.95	10.67	12.09	13.73	14.25	14.10	13.25	129.70
	Above Normal	3.15	2.88	6.17	8.66	7.85	12.83	10.88	11.08	12.48	13.72	13.38	12.25	115.34
	Below Normal	2.22	2.46	6.33	10.19	8.62	13.54	10.91	10.99	12.06	13.55	13.20	12.19	116.26
	Dry	3.33	2.68	6.11	8.34	7.85	11.83	10.54	10.05	10.97	12.41	11.73	10.65	106.48
	Critical	2.11	1.83	3.07	7.29	6.82	11.98	7.99	6.13	6.61	6.97	5.49	5.45	71.73

Difference in Energy Use (GWh) At Pumping Plant at South Bay: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.34	0.29	0.54	0.88	1.73	1.58	1.41	1.93	2.57	0.94
1923	Below Normal	1.81	2.13	1.60	0.00	0.00	0.00	0.00	0.00	(2.59)	0.00	0.00	0.52	0.29
1924	Critical	6.96	4.43	(0.06)	2.92	3.21	1.77	0.45	0.73	0.85	(2.25)	(4.04)	(5.34)	0.80
1925	Dry	1.97	4.21	5.77	2.14	2.96	(3.30)	3.04	(1.37)	(1.70)	(1.94)	(1.88)	(1.73)	0.68
1926	Dry	(0.35)	(2.03)	(0.96)	(0.82)	(0.30)	0.71	0.28	0.65	0.80	0.92	0.90	0.82	0.05
1927	Wet	0.12	1.07	0.40	0.49	0.84	0.97	(0.11)	(0.22)	(0.29)	(0.30)	(0.29)	(0.26)	0.20
1928	Above Normal	(0.04)	(0.25)	(0.18)	0.00	0.00	0.00	0.00	0.00	0.00	0.94	2.18	0.52	0.26
1929	Critical	0.14	0.77	0.58	0.00	0.00	0.00	(6.76)	(3.13)	0.19	0.23	(4.45)	(1.62)	(1.17)
1930	Dry	0.05	0.04	2.13	1.64	2.44	1.97	(0.14)	(0.14)	(0.22)	(0.31)	(0.27)	(0.20)	0.58
1931	Critical	0.00	0.06	(0.60)	(0.31)	0.30	0.69	0.03	0.05	0.05	0.06	0.06	(5.04)	(0.39)
1932	Dry	0.02	0.00	2.33	1.88	1.72	0.61	0.00	0.00	0.01	0.01	0.00	0.00	0.55
1933	Critical	0.00	0.00	0.01	0.02	0.02	0.05	0.17	0.19	0.30	0.41	0.34	0.26	0.15
1934	Critical	0.00	(0.05)	0.09	1.06	0.41	(0.03)	(0.17)	(0.28)	(0.32)	(0.35)	0.00	(2.16)	(0.15)
1935	Below Normal	0.51	0.24	0.11	(0.13)	(0.09)	(0.02)	0.15	0.23	0.28	0.33	0.32	0.29	0.19
1936	Below Normal	0.25	0.18	0.14	0.15	0.12	0.00	0.04	0.00	0.01	0.01	0.00	0.01	0.08
1937	Below Normal	0.00	0.01	0.00	0.00	0.00	0.00	3.17	0.01	0.00	0.00	0.00	0.02	0.27
1938	Wet	0.02	0.01	0.01	0.00	0.00	0.00	(3.92)	(2.36)	0.00	0.00	0.00	0.00	(0.52)
1939	Dry	0.02	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1940	Above Normal	(0.39)	3.22	(3.37)	(0.37)	(0.31)	(0.10)	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.11)
1941	Wet	(0.01)	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.66	(1.73)	(0.08)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)
1944	Dry	1.86	(0.30)	(0.39)	(4.49)	(4.05)	(1.50)	(0.02)	(0.02)	(0.03)	(0.04)	(0.04)	(0.03)	(0.75)
1945	Below Normal	0.00	0.01	(0.08)	(0.05)	(0.05)	0.00	(0.06)	0.01	0.01	0.01	0.01	0.01	(0.01)
1946	Below Normal	0.00	0.01	0.00	0.00	0.00	0.01	0.02	0.04	0.05	0.06	0.05	0.05	0.02
1947	Dry	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01
1948	Below Normal	0.01	0.06	0.00	(0.26)	(0.24)	(0.09)	0.00	0.02	0.03	0.04	0.03	0.03	(0.03)
1949	Dry	0.00	0.04	0.02	0.02	0.02	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.01
1950	Below Normal	0.00	0.02	0.00	(0.10)	(0.09)	(0.03)	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.02)
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	(4.59)	(2.68)	0.00	(2.13)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.92)	(0.94)
1954	Above Normal	(5.17)	(0.93)	(0.08)	0.00	0.00	0.00	0.00	1.80	0.11	0.12	0.13	0.11	(0.33)
1955	Dry	0.09	0.07	0.06	0.06	0.06	0.01	(0.04)	(0.06)	(0.07)	(0.09)	(0.08)	(0.08)	(0.01)
1956	Wet	(0.01)	(0.01)	(0.13)	0.00	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1957	Above Normal	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00
1958	Wet	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	(0.61)	(1.63)	(0.15)	(0.19)	(0.17)	(0.03)	(0.03)	(0.02)	0.00	(0.03)	(0.03)	(0.03)	(0.24)
1961	Dry	(0.04)	(0.03)	0.00	0.28	0.25	0.12	0.01	0.02	0.01	0.01	0.00	0.03	0.06
1962	Below Normal	0.07	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.05	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.01
1966	Below Normal	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	(0.41)	(0.07)	0.01	0.00	(0.04)
1967	Wet	0.00	0.00	0.00	(0.02)	(0.01)	(0.01)	0.00	(0.04)	(0.04)	0.00	(0.08)	(0.08)	(0.02)
1968	Below Normal	(0.06)	(0.04)	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1969	Wet	1.23	0.21	0.04	(2.61)	0.01	10.54	0.00	0.00	0.00	0.00	0.00	0.00	0.79
1970	Wet	0.24	(0.21)	(0.03)	0.00	0.00	0.00	(0.63)	0.03	0.04	0.04	0.03	0.03	(0.04)
1971	Wet	0.01	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.12)	(0.01)
1972	Below Normal	(0.03)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)
1973	Above Normal	(0.01)	(0.01)	0.00	0.02	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	(2.44)	(0.27)	(0.27)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.25)
1976	Critical	(1.69)	0.05	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.06)	(0.14)
1977	Critical	0.00	(0.08)	(0.03)	(0.04)	(0.04)	(0.01)	0.00	0.00	0.00	0.00	0.05	0.07	(0.01)
1978	Above Normal	0.00	(0.02)	(0.09)	0.00	0.00	0.03	0.26	0.13	(0.03)	0.23	0.23	0.19	0.08
1979	Below Normal	0.07	0.05	0.53	0.00	0.00	0.00	7.43	1.69	(0.23)	(0.24)	(0.23)	(0.22)	0.74
1980	Above Normal	(0.03)	(0.25)	(0.11)	0.00	0.00	0.00	1.64	(1.10)	0.00	0.00	0.00	0.00	0.01
1981	Dry	(3.72)	(2.16)	(2.47)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.70)
1982	Wet	5.49	0.43	0.14	0.19	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54
1983	Wet	(7.16)	4.14	3.01	0.00	0.00	(0.70)	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	3.36	2.88	0.00	0.00	0.00	0.00	0.52
1987	Dry	5.10	4.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.84)	(0.26)	(0.25)	0.65
1988	Critical	(0.05)	(0.03)	(0.01)	(0.21)	(0.33)	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)
1989	Dry	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.01)	(0.01)
1990	Critical	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	1.19	(0.40)	0.07
1993	Above Normal	(0.18)	(0.14)	(0.07)	(0.19)	(0.23)	0.01	0.01	0.00	0.00	0.01	0.01	0.01	(0.06)
1994	Critical	0.01	0.02	0.00	0.00	0.00	0.00	(0.15)	0.00	0.00	0.00	0.00	0.00	(0.01)
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	(9.32)	(8.33)	(2.10)	(4.74)	(5.31)	(1.72)	(0.39)	(0.38)	(0.35)	(2.72)
1997	Wet	(0.05)	(0.41)	(0.18)	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	(0.01)	(0.06)
1998	Wet	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	(3.09)	(3.65)	0.00	0.00	(0.01)	0.04	0.05	0.06	0.05	0.05	(0.54)
2000	Above Normal	0.01	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.04
2001	Dry	0.07	0.05	0.01	(0.55)	(0.48)	(0.20)	0.03	0.05	0.06	0.06	0.06	0.06	(0.06)
2002	Dry	0.01	0.00	0.00	0.10	0.02	0.00	(0.01)	(0.02)	(0.04)	(0.04)	(0.03)	(0.03)	0.00
2003	Above Normal	(0.01)	0.00	(0.06)	0.12	0.10	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.02
	Average	0.00	0.15	0.06	(0.17)	(0.02)	0.12	0.05	(0.05)	(0.04)	(0.02)	(0.06)	(0.17)	(0.01)
	Wet	(0.25)	0.02	(0.01)	(0.65)	(0.28)	0.33	(0.23)	(0.19)	(0.08)	(0.02)	(0.03)	(0.10)	(0.12)
	Above Normal	(0.49)	0.14	(0.33)	(0.01)	(0.01)	0.04	0.23	0.21	0.14	0.23	0.37	0.32	0.07
	Below Normal	0.19	0.19	0.16	(0.03)	(0.03)	(0.01)	0.77	0.14	(0.20)	0.01	0.01	0.05	0.11
	Dry	0.25	0.13	0.36	0.00	0.14	(0.09)	0.17	(0.05)	(0.07)	(0.13)	(0.09)	(0.08)	0.05
	Critical	0.45	0.43	0.00	0.29	0.30	0.20	(0.54)	(0.20)	0.09	(0.16)	(0.58)	(1.19)	(0.08)

Percent Difference in Energy Use (GWh) At Pumping Plant at South Bay: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	33%	17%	5%	9%	18%	12%	11%	15%	22%
1923	Below Normal	121%	164%	29%	0%	0%	0%	0%	0%	-18%	0%	0%	4%
1924	Critical	424%	174%	-1%	29%	35%	14%	6%	15%	15%	-35%	-63%	-90%
1925	Dry	197%	569%	>1,000%	230%	569%	-22%	48%	-15%	-15%	-15%	-15%	-15%
1926	Dry	-20%	-74%	-18%	-12%	-5%	6%	3%	8%	8%	8%	8%	8%
1927	Wet	8%	127%	9%	8%	14%	8%	-1%	-2%	-2%	-2%	-2%	-2%
1928	Above Normal	-3%	-19%	-3%	0%	0%	0%	0%	0%	0%	7%	18%	5%
1929	Critical	10%	78%	12%	0%	0%	0%	-48%	-40%	4%	4%	-76%	-30%
1930	Dry	6%	6%	645%	198%	542%	22%	-2%	-2%	-3%	-3%	-3%	-2%
1931	Critical	0%	7%	-44%	-7%	7%	7%	0%	1%	1%	1%	1%	-75%
1932	Dry	2%	0%	555%	177%	98%	6%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	2%	3%	4%	5%	4%	3%
1934	Critical	0%	-5%	18%	35%	13%	0%	-2%	-5%	-5%	-4%	0%	-61%
1935	Below Normal	30%	6%	2%	-4%	-3%	0%	1%	2%	2%	2%	2%	3%
1936	Below Normal	14%	7%	3%	2%	2%	0%	1%	0%	0%	0%	0%	0%
1937	Below Normal	0%	1%	0%	0%	0%	0%	44%	0%	0%	0%	0%	0%
1938	Wet	1%	0%	0%	0%	0%	0%	-46%	-16%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	-4%	58%	-36%	-36%	-21%	-1%	0%	0%	0%	0%	0%	0%
1941	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	7%	-18%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	24%	-8%	-5%	-32%	-32%	-10%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	1%	-4%	-1%	-1%	0%	-1%	0%	0%	0%	0%	0%
1946	Below Normal	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	1%	3%	0%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	1%	0%	-5%	-4%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	-66%	-48%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	-13%
1954	Above Normal	-78%	-49%	-2%	0%	0%	0%	0%	19%	1%	1%	1%	1%
1955	Dry	5%	2%	1%	1%	1%	0%	0%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-3%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	-7%	-25%	-3%	-3%	-3%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	-2%	-1%	0%	3%	3%	1%	0%	0%	0%	0%	0%	0%
1962	Below Normal	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	-3%	-1%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1968	Below Normal	-3%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	42%	9%	1%	-18%	0%	256%	0%	0%	0%	0%	0%	0%
1970	Wet	4%	-3%	0%	0%	0%	0%	-7%	0%	0%	0%	0%	0%
1971	Wet	1%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1972	Below Normal	-2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	-27%	-10%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	-38%	3%	1%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1977	Critical	0%	-4%	-1%	-1%	-1%	0%	0%	0%	0%	0%	3%	2%
1978	Above Normal	0%	-1%	-2%	0%	0%	0%	3%	1%	0%	2%	2%	2%
1979	Below Normal	5%	5%	11%	0%	0%	0%	109%	17%	-2%	-2%	-2%	-2%
1980	Above Normal	-2%	-14%	-2%	0%	0%	0%	19%	-9%	0%	0%	0%	0%
1981	Dry	-51%	-37%	-25%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	345%	21%	3%	3%	2%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	-49%	41%	31%	0%	0%	-6%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	31%	24%	0%	0%	0%	0%
1987	Dry	96%	88%	0%	0%	0%	0%	0%	0%	0%	-6%	-3%	-3%
1988	Critical	-4%	-3%	-2%	-16%	-12%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	137%	-5%
1993	Above Normal	-18%	-18%	-18%	-19%	-9%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	1%	1%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	-63%	-61%	-14%	-33%	-36%	-12%	-3%	-3%	-3%
1997	Wet	-3%	-26%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	-21%	-29%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	1%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%
2001	Dry	4%	2%	0%	-6%	-5%	-2%	0%	1%	1%	1%	1%	1%
2002	Dry	1%	0%	0%	5%	1%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	-1%	0%	-1%	8%	5%	0%	0%	0%	0%	0%	0%	0%
	Average	12%	12%	14%	6%	14%	3%	2%	0%	0%	0%	0%	-3%
	Wet	10%	4%	0%	-4%	-2%	9%	-2%	-1%	-1%	0%	0%	-1%
	Above Normal	-9%	-3%	-5%	-1%	-1%	0%	3%	2%	1%	2%	3%	3%
	Below Normal	12%	13%	3%	-1%	-1%	0%	11%	1%	-1%	0%	0%	0%
	Dry	14%	29%	64%	31%	65%	0%	3%	-1%	-1%	-1%	-1%	-1%
	Critical	33%	21%	-1%	3%	4%	2%	-4%	-2%	2%	-3%	0%	-21%

Energy Use (GWh) At Pumping Plant at SWP Banks: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	90.57	60.97	131.24	65.00	53.04	82.37	18.03	17.24	109.40	121.99	121.99	118.05	989.89
1923	Below Normal	67.79	42.23	77.98	65.23	67.96	51.10	17.96	12.78	46.44	121.99	121.99	118.05	811.50
1924	Critical	63.18	55.29	51.48	55.50	37.15	5.48	5.30	11.98	5.30	108.32	5.48	10.15	414.61
1925	Dry	41.41	51.04	72.97	58.37	39.28	78.33	19.09	17.51	35.44	121.99	63.19	118.05	716.67
1926	Dry	54.72	47.93	50.32	58.68	29.28	5.48	20.05	15.81	42.24	121.99	61.50	62.26	570.26
1927	Wet	27.25	118.05	67.89	42.81	65.34	67.69	14.27	12.78	50.72	121.99	121.99	118.05	828.83
1928	Above Normal	59.07	38.49	129.71	62.82	37.28	78.31	15.25	12.78	45.21	111.99	121.99	118.05	830.95
1929	Critical	65.48	24.98	85.50	60.23	54.71	49.90	28.37	20.75	5.30	5.48	5.48	11.95	418.13
1930	Dry	20.61	16.97	60.61	43.46	41.21	46.14	24.64	22.21	28.52	121.99	49.78	118.05	594.19
1931	Critical	34.94	28.67	24.65	58.15	33.49	15.68	5.30	5.48	5.30	66.54	5.48	7.95	291.63
1932	Dry	18.13	26.96	131.02	62.50	69.87	74.11	5.30	12.78	5.30	121.99	78.02	42.13	648.11
1933	Critical	39.75	33.69	39.70	48.79	80.20	29.84	13.30	12.78	5.30	28.48	5.48	11.17	348.48
1934	Critical	19.08	20.63	73.80	109.04	69.89	25.44	5.30	14.12	5.30	5.48	5.48	9.08	362.64
1935	Below Normal	26.48	56.99	68.95	64.12	46.82	45.65	15.01	12.78	40.84	121.99	121.99	118.05	739.67
1936	Below Normal	57.68	49.54	56.06	40.46	144.14	131.51	18.13	12.78	48.80	121.99	121.99	95.97	899.05
1937	Below Normal	84.01	48.46	118.48	91.46	140.20	114.03	19.95	22.24	77.16	121.99	86.14	55.35	979.47
1938	Wet	90.73	118.05	111.21	139.11	113.11	120.18	42.07	112.80	118.05	117.76	118.74	81.63	1,283.44
1939	Dry	58.61	5.30	108.67	62.05	45.06	32.39	9.04	16.83	5.30	121.99	84.58	118.05	667.87
1940	Above Normal	36.85	18.36	61.90	47.29	56.83	103.88	20.21	12.78	48.47	115.60	121.99	118.05	762.21
1941	Wet	56.68	24.14	77.58	72.93	140.20	138.07	24.83	25.74	69.81	121.99	121.99	109.59	983.55
1942	Wet	42.43	5.30	76.87	90.91	85.25	90.18	21.00	21.13	68.30	121.99	121.99	100.95	846.30
1943	Wet	53.03	5.30	71.96	107.65	99.71	138.07	22.05	14.83	48.67	121.70	121.99	113.96	918.92
1944	Dry	49.89	5.30	129.82	62.08	63.07	45.04	15.43	12.78	33.01	121.99	82.56	46.04	667.01
1945	Below Normal	37.68	118.05	72.40	62.25	67.77	120.22	15.38	12.78	34.84	121.99	121.99	98.62	883.97
1946	Below Normal	98.41	115.64	103.02	75.52	48.88	62.01	13.46	12.78	34.88	121.99	121.99	101.40	909.98
1947	Dry	88.22	86.20	78.99	51.84	58.29	24.49	17.81	12.78	30.25	121.99	76.13	118.05	765.04
1948	Below Normal	77.32	62.33	41.44	36.92	5.13	46.20	12.37	12.78	47.38	121.99	121.99	118.05	703.90
1949	Dry	55.97	47.40	78.03	58.70	54.82	35.44	12.37	12.78	30.64	121.99	64.30	118.05	690.49
1950	Below Normal	30.17	33.82	40.14	40.76	42.71	62.92	12.37	12.78	37.12	121.80	121.99	118.05	674.63
1951	Above Normal	89.21	118.05	140.22	114.64	104.13	116.90	14.09	12.78	47.63	107.63	121.99	105.58	1,092.85
1952	Wet	56.21	68.28	71.83	83.97	67.50	138.07	27.85	41.83	102.10	121.99	121.99	102.37	1,003.99
1953	Wet	52.16	5.30	129.74	57.86	64.06	67.72	14.97	13.29	34.24	121.99	121.99	118.05	801.37
1954	Above Normal	39.96	5.30	128.12	37.58	41.46	63.11	12.59	12.78	46.31	106.23	121.99	118.05	733.48
1955	Dry	55.69	53.27	128.33	65.11	49.77	43.86	15.05	12.78	5.30	121.99	42.29	87.72	681.16
1956	Wet	35.55	68.57	109.49	155.23	109.94	118.40	15.06	16.98	75.00	121.99	121.99	100.26	1,048.46
1957	Above Normal	54.24	5.30	128.53	60.18	31.46	23.92	14.91	12.78	30.63	121.75	121.99	118.05	723.74
1958	Wet	121.99	46.38	67.70	46.22	67.57	138.07	42.33	36.32	93.26	121.99	121.99	118.05	1,021.87
1959	Below Normal	68.81	5.30	129.25	39.60	50.64	70.19	19.05	15.65	29.41	121.99	121.99	118.05	789.93
1960	Dry	58.77	48.77	42.88	58.16	38.27	44.41	5.30	22.32	26.90	121.99	91.01	118.05	676.83
1961	Dry	26.23	73.59	127.64	60.11	33.80	60.30	13.40	14.64	1.51	121.99	37.97	43.94	615.12
1962	Below Normal	15.57	47.35	53.46	45.35	51.70	70.00	16.57	12.78	30.25	118.28	121.99	118.05	701.35
1963	Wet	121.99	118.05	64.59	43.91	47.88	65.05	13.37	12.78	40.22	121.99	121.99	118.05	889.87
1964	Dry	72.67	118.05	91.21	62.09	46.76	39.76	12.37	12.78	5.30	121.99	55.34	118.05	756.37
1965	Wet	53.44	53.21	71.32	100.67	72.02	77.08	18.80	12.78	50.05	121.66	121.99	115.96	868.98
1966	Below Normal	35.39	66.46	137.04	71.27	65.83	55.00	12.37	12.78	29.58	119.51	121.99	118.05	845.27
1967	Wet	45.87	66.87	69.51	68.02	59.74	81.86	35.34	35.25	118.05	121.99	121.99	118.05	942.54
1968	Below Normal	74.69	5.30	126.38	61.79	38.98	64.43	17.11	15.85	29.35	121.69	121.99	118.05	795.61
1969	Wet	74.05	70.97	128.68	80.99	62.20	70.34	47.92	79.37	95.08	97.14	111.87	78.96	997.57
1970	Wet	62.85	5.30	75.09	138.07	110.11	121.44	12.37	12.78	32.60	121.99	121.99	64.15	878.74
1971	Wet	48.53	93.73	72.11	60.36	55.28	73.80	15.52	12.78	46.78	121.99	121.99	118.05	840.92
1972	Below Normal	52.46	5.30	128.55	58.73	30.92	42.62	21.00	13.00	29.05	121.99	121.99	118.05	743.66
1973	Above Normal	66.70	118.05	67.22	52.83	72.16	75.08	14.71	12.78	50.27	121.67	121.99	88.76	862.22
1974	Wet	98.82	118.05	80.60	80.82	64.82	109.87	17.00	12.78	60.65	121.99	121.99	108.42	995.81
1975	Wet	79.87	5.30	130.26	61.86	53.26	102.72	15.65	12.78	66.37	121.99	121.99	118.05	890.10
1976	Critical	110.14	5.30	128.74	52.67	34.07	51.90	22.86	20.21	5.30	115.53	75.63	118.05	740.40
1977	Critical	58.91	25.80	21.44	32.37	11.50	5.48	5.30	10.18	4.62	5.48	5.48	24.23	210.79
1978	Above Normal	5.48	29.86	53.35	52.59	77.62	90.47	29.84	26.59	94.48	121.99	121.99	118.05	822.31
1979	Below Normal	57.89	27.87	129.85	71.62	88.12	88.66	15.27	20.39	34.56	121.99	121.99	68.26	846.47
1980	Above Normal	84.23	53.21	129.13	111.30	82.22	78.00	15.54	16.53	78.64	121.99	91.94	6.01	868.74
1981	Dry	68.65	6.62	128.82	61.92	55.99	53.38	20.04	16.41	29.13	121.99	86.22	118.05	767.22
1982	Wet	57.73	118.05	66.88	70.27	131.21	132.07	108.25	44.20	92.12	121.99	121.99	118.05	1,182.81
1983	Wet	112.24	65.11	85.32	74.11	64.93	63.18	40.64	37.00	57.12	55.67	94.44	65.00	814.76
1984	Wet	117.81	107.79	123.45	122.72	115.94	119.30	14.79	12.78	35.88	121.70	121.99	102.82	1,116.97
1985	Dry	71.57	118.05	128.44	61.82	58.34	53.45	19.52	16.35	29.57	121.99	60.35	118.05	857.50
1986	Wet	83.40	96.26	78.05	38.95	139.19	120.53	26.97	26.20	69.02	121.99	74.79	118.05	993.40
1987	Dry	65.66	5.30	129.24	60.19	55.42	42.94	9.71	32.76	28.82	73.80	13.75	38.52	556.11
1988	Critical	8.42	15.00	60.60	42.64	5.13	30.14	17.99	17.75	5.30	90.42	5.48	22.30	321.17
1989	Dry	5.48	51.97	56.18	57.92	13.50	22.04	19.97	14.89	41.62	121.99	97.00	118.05	620.61
1990	Critical	60.59	40.73	59.22	56.26	35.64	18.67	5.30	16.70	4.25	121.99	5.48	32.23	457.06
1991	Critical	6.85	8.92	23.51	5.48	20.98	23.30	18.05	15.64	37.06	113.99	5.48	10.87	290.13
1992	Critical	13.03	9.29	25.30	24.58	28.97	43.69	12.37	12.78	25.54	5.48	5.48	37.69	244.20
1993	Above Normal	35.15	8.73	62.56	57.30	68.22	71.88	12.37	12.78	70.04	121.99	121.99	118.05	761.06
1994	Critical	64.29	5.30	127.55	58.43	54.59	42.35	16.33	18.73	4.31	121.99	21.58	57.38	592.83
1995	Wet	16.94	34.52	63.01	54.64	59.88	138.07	28.89	112.80	118.05	121.99	121.99	118.05	988.83
1996	Wet	39.79	22.06	68.92	51.39	133.97	126.07	17.77	17.06	59.25	121.99	121.99	118.05	898.31
1997	Wet	27.54	9.80	140.22	155.23	140.20	132.03	12.37	13.86	50.76	110.14	121.99	118.05	1,032.19
1998	Wet	37.76	13.74	128.71	54.90	140.20	138.07	32.29	38.03	118.05	121.99	121.99	118.05	1,063.78
1999	Wet	121.99	118.05	73.81	74.66	119.47	90.59	15.02	12.78	50.64	121.99	121.99	56.96	977.95
2000	Above Normal	40.78	5.30	127.64	40.53	88.19	104.07	14.61	12.78	44.23	113.87	121.99	118.05	832.04
2001	Dry	42.19	5.30	129.16	63.26	50.31	54.30	17.71	13.38	28.58	81.25	8.65	54.75	548.84
2002	Dry	5.48	56.94	71.48	48.37	61.81	47.55	13.07	12.78	29.55	121.99	27.85	116.07	612.94
2003	Above Normal	5.48	30.39	68.68	41.64	54.84	61.24	12.37	12.78	44.44	121.99	121.99	118.05	693.89
	Average	55.28	46.97	88.80	65.34	65.50	71.92	18.82	20.11	44.27	110.60	90.51	91.53	769.66
	Wet	66.79	60.62	88.65	81.86	91.65	106.87	26.82	30.84	70.03	117.83	118.60	105.22	965.78
	Above Normal	50.64	41.00	102.36	61.98	63.95	79.10	16.21	14.62	59.15	117.39	119.49	105.23	831.12
	Below Normal	56.03	48.90	91.64	58.93	63.56	73.18	16.14	14.44	39.26	121.51	119.43	105.86	808.89
	Dry	47.78	45.83	96.88	58.70	48.05	44.63	14.99	16.25	24.28	117.05	60.03	92.89	667.35
	Critical	45.39	22.80	60.12	50.35	38.86	28.49	12.98	14.76	9.41	65.77	12.67	29.42	391.01

Energy Use (GWh) At Pumping Plant at SWP Banks: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	90.57	60.97	131.24	65.00	53.10	82.50	18.03	17.24	109.40	121.99	121.99	118.05	990.08
1923	Below Normal	68.15	42.34	77.98	64.32	70.61	51.18	17.96	12.78	49.28	121.99	121.99	118.05	816.63
1924	Critical	86.56	55.64	91.50	47.41	37.15	5.51	5.30	11.98	5.30	25.94	5.48	10.14	387.91
1925	Dry	41.50	51.11	73.00	58.37	39.28	78.29	19.09	17.51	41.30	121.99	60.82	118.05	720.31
1926	Dry	45.85	39.48	50.32	58.68	29.28	5.48	20.05	15.21	42.25	121.99	80.29	63.94	572.82
1927	Wet	27.30	118.05	67.89	42.81	65.34	67.69	14.27	12.78	50.72	121.99	121.99	118.05	828.88
1928	Above Normal	59.05	38.47	129.71	62.82	37.28	78.31	15.25	12.78	45.21	111.66	121.99	118.05	830.58
1929	Critical	65.14	24.86	85.48	60.23	54.71	50.75	28.37	20.75	5.30	5.48	15.56	11.79	428.42
1930	Dry	20.70	16.36	60.61	43.46	41.21	46.14	24.64	22.21	28.52	121.99	49.73	118.05	593.62
1931	Critical	32.80	26.42	24.68	58.15	33.51	15.65	5.30	5.48	5.30	71.08	5.48	7.94	291.79
1932	Dry	18.16	26.23	131.02	62.50	70.17	74.12	5.30	12.78	5.30	121.99	121.99	50.90	700.46
1933	Critical	20.45	20.36	39.72	71.05	90.21	29.84	13.30	12.78	5.30	19.84	5.48	10.76	339.09
1934	Critical	20.63	17.42	72.45	109.32	70.20	25.45	5.30	14.12	5.30	5.48	5.48	9.09	360.24
1935	Below Normal	37.43	57.15	68.90	64.12	46.82	45.65	15.01	12.78	40.86	121.99	121.99	118.05	750.75
1936	Below Normal	58.39	50.05	56.08	40.46	143.98	129.63	18.13	12.78	48.80	121.99	121.99	96.79	899.07
1937	Below Normal	84.01	48.47	118.48	69.76	140.20	115.91	17.48	16.13	85.73	121.99	82.15	55.43	955.74
1938	Wet	90.73	118.05	91.80	121.46	120.47	122.17	37.39	45.72	118.05	121.99	121.99	98.87	1,208.69
1939	Dry	61.01	5.30	104.78	62.05	45.08	32.39	9.25	15.71	5.30	121.99	84.47	118.05	665.38
1940	Above Normal	30.33	18.20	61.09	47.29	56.83	103.88	20.21	12.78	48.48	115.58	121.99	118.05	754.71
1941	Wet	56.67	24.22	77.58	72.92	137.87	138.07	24.83	23.98	69.20	121.99	121.99	109.59	978.91
1942	Wet	42.95	5.30	76.87	85.20	83.61	90.18	21.00	21.13	68.30	121.99	121.99	109.39	847.91
1943	Wet	52.99	5.30	71.96	87.75	98.70	138.07	21.64	14.41	42.45	121.70	121.99	113.23	890.19
1944	Dry	51.12	5.30	129.82	62.08	63.07	45.04	15.43	12.78	33.01	121.99	84.58	46.11	670.33
1945	Below Normal	37.68	118.05	72.40	62.25	61.17	113.90	15.37	12.78	34.83	121.99	121.99	99.58	871.99
1946	Below Normal	98.77	118.05	103.02	75.52	49.17	62.01	13.46	12.78	34.88	121.99	121.99	100.62	912.26
1947	Dry	88.24	86.21	78.93	51.84	58.28	24.49	17.81	12.78	30.25	121.99	76.31	118.05	765.18
1948	Below Normal	77.38	62.34	41.41	36.92	5.13	46.20	12.37	12.78	47.38	121.99	121.99	118.05	703.94
1949	Dry	56.04	47.47	78.01	58.70	54.82	35.44	12.37	12.78	30.64	121.99	64.23	118.05	690.54
1950	Below Normal	29.29	33.82	40.14	40.76	42.71	62.92	12.37	12.78	37.10	121.80	121.99	118.05	673.73
1951	Above Normal	89.22	118.05	139.69	114.63	104.13	116.90	14.09	12.78	47.63	107.64	121.99	105.58	1,092.33
1952	Wet	56.21	68.30	71.83	83.34	67.68	138.07	25.20	35.25	88.50	121.99	121.99	112.03	990.39
1953	Wet	49.93	5.30	129.74	49.62	64.06	67.71	14.97	13.28	34.24	121.99	121.99	118.05	790.88
1954	Above Normal	40.02	5.30	128.12	37.58	41.46	63.11	12.60	12.78	46.31	106.23	121.99	118.05	733.55
1955	Dry	56.03	53.27	128.33	65.11	49.77	43.86	15.05	12.78	5.30	121.99	42.30	85.49	679.28
1956	Wet	35.58	68.58	93.82	155.23	109.92	118.41	15.06	16.98	75.00	121.99	121.99	100.77	1,033.33
1957	Above Normal	54.25	5.30	128.53	60.18	31.46	23.92	14.91	12.78	30.63	121.75	121.99	118.05	723.75
1958	Wet	121.99	46.38	67.70	46.22	67.57	138.07	39.17	31.17	89.17	121.99	121.99	118.05	1,009.47
1959	Below Normal	68.81	5.30	129.25	39.60	50.64	67.72	19.06	15.65	29.41	121.99	121.99	118.05	787.47
1960	Dry	58.21	47.89	42.47	58.16	38.27	44.41	5.30	22.32	26.90	121.99	91.80	118.05	675.77
1961	Dry	27.78	73.52	127.64	60.11	33.80	60.30	13.40	14.64	1.51	121.99	37.96	43.94	616.59
1962	Below Normal	15.58	47.37	53.46	45.36	51.70	70.00	16.57	12.78	30.25	118.28	121.99	118.05	701.39
1963	Wet	121.99	118.05	64.59	43.91	47.88	65.05	13.37	12.78	40.22	121.99	121.99	118.05	889.87
1964	Dry	72.69	118.05	91.20	62.09	46.76	39.76	12.37	12.78	5.30	121.99	55.42	118.05	756.46
1965	Wet	53.66	53.21	71.32	99.48	72.02	77.08	18.80	12.78	50.04	121.66	121.99	115.98	868.02
1966	Below Normal	35.40	66.45	137.04	71.27	65.83	55.00	12.37	12.78	29.58	119.51	121.99	118.05	845.27
1967	Wet	46.31	66.87	69.51	68.02	59.74	81.85	32.54	29.97	110.88	121.99	121.99	118.05	927.72
1968	Below Normal	73.59	5.30	128.63	61.79	38.98	64.43	17.11	15.85	29.35	121.69	121.99	118.05	796.76
1969	Wet	68.22	71.50	128.68	71.58	76.29	74.23	42.38	84.25	94.66	96.72	111.45	78.64	998.60
1970	Wet	62.64	5.30	75.09	137.47	113.20	121.39	12.37	12.78	32.60	121.99	121.99	63.77	880.59
1971	Wet	48.53	93.73	72.11	60.36	55.28	73.80	15.52	12.78	46.78	121.99	121.99	118.05	840.92
1972	Below Normal	52.42	5.30	128.55	58.73	30.92	42.62	21.00	13.00	29.05	121.99	121.99	118.05	743.62
1973	Above Normal	66.69	118.05	67.22	52.83	72.16	75.08	14.71	12.78	50.27	121.67	121.99	88.74	862.19
1974	Wet	98.37	118.05	80.60	77.29	64.82	92.42	16.96	12.78	60.63	121.99	121.99	118.05	983.95
1975	Wet	79.82	5.30	130.26	61.86	53.26	102.21	15.65	12.78	66.37	121.99	121.99	118.05	889.54
1976	Critical	110.59	5.30	128.74	52.67	34.06	51.90	22.86	20.21	5.30	114.95	75.57	118.05	740.20
1977	Critical	58.64	25.81	21.49	32.21	11.49	5.48	5.30	10.18	4.64	5.48	5.48	24.24	210.44
1978	Above Normal	5.48	29.68	53.43	52.59	71.47	81.08	24.02	20.48	73.21	121.99	121.99	118.05	773.47
1979	Below Normal	57.69	27.77	129.85	71.62	87.34	87.09	15.27	20.39	34.56	121.99	121.99	83.67	859.23
1980	Above Normal	98.72	53.21	129.13	77.56	91.33	82.75	15.54	16.53	77.65	98.97	69.10	55.41	865.90
1981	Dry	67.54	6.76	128.82	61.92	55.99	45.14	20.04	16.40	29.13	121.99	86.26	118.05	758.04
1982	Wet	60.62	118.05	66.88	70.27	130.19	135.30	108.25	37.51	83.05	121.99	121.99	118.05	1,172.15
1983	Wet	121.99	69.93	86.45	74.11	64.95	62.92	40.64	37.00	57.12	55.67	94.44	65.00	830.22
1984	Wet	117.81	107.79	123.45	122.72	115.92	119.30	14.79	12.78	35.88	121.70	121.99	102.84	1,116.97
1985	Dry	71.57	118.05	128.44	61.82	58.34	53.45	19.52	16.35	29.57	121.99	60.34	118.05	857.49
1986	Wet	83.40	96.26	78.05	38.95	105.40	138.07	26.55	22.76	67.49	121.99	97.67	98.18	974.77
1987	Dry	65.75	5.30	129.24	60.19	55.42	42.94	9.73	32.75	28.82	70.75	13.77	38.53	553.19
1988	Critical	8.39	14.98	60.60	42.64	5.14	30.18	17.99	17.75	5.30	90.60	5.48	22.31	321.36
1989	Dry	5.48	51.97	56.10	57.92	13.50	22.04	19.97	14.89	41.62	121.99	95.24	118.05	618.77
1990	Critical	60.99	40.70	59.90	56.26	35.63	18.67	5.30	16.70	4.25	121.99	5.48	32.23	458.10
1991	Critical	6.83	8.94	23.51	5.48	20.97	23.30	18.05	15.64	37.06	114.46	5.48	10.85	290.57
1992	Critical	12.97	9.25	25.31	24.38	28.97	43.69	12.37	12.78	25.54	5.48	5.48	37.68	243.90
1993	Above Normal	35.15	8.71	62.55	57.30	68.20	71.88	12.37	12.78	70.04	121.99	121.99	118.05	761.01
1994	Critical	64.28	5.30	127.55	58.43	54.59	42.35	16.33	18.73	4.31	121.99	21.59	57.33	592.78
1995	Wet	16.91	34.50	63.00	54.61	59.88	138.07	25.00	48.07	101.23	121.99	121.99	118.05	903.30
1996	Wet	39.72	21.99	68.92	51.39	133.90	119.30	17.77	16.99	59.25	121.99	121.99	118.05	891.26
1997	Wet	27.49	9.44	140.22	155.23	140.20	131.32	12.37	12.78	49.16	121.99	121.99	118.05	1,040.24
1998	Wet	37.72	13.64	128.71	54.85	140.20	138.07	29.73	32.99	118.05	121.99	121.99	118.05	1,055.99
1999	Wet	121.99	118.05	73.81	74.66	116.76	90.59	15.02	12.78	50.64	121.99	121.99	54.41	972.69
2000	Above Normal	40.79	5.30	127.64	40.53	87.15	103.25	14.61	12.78	44.23	113.86	121.99	118.05	830.18
2001	Dry	42.14	5.30	124.17	63.26	50.31	54.30	17.71	13.38	28.58	84.78	8.54	54.77	547.24
2002	Dry	5.48	56.93	71.48	48.37	61.80	47.55	13.07	12.78	29.55	121.99	27.85	117.43	614.28
2003	Above Normal	5.48	30.21	68.68	41.64	54.84	61.24	12.37	12.78	44.44	121.99	121.99	118.05	693.71
	Average	55.55	46.71	88.76	64.01	65.38	71.65	18.41	17.96	43.46	109.46	91.37	92.71	765.43
	Wet	66.98	60.81	87.34	79.28	90.97	106.90	25.82	24.59	67.68	118.43	119.59	106.05	954.44
	Above Normal	51.31	40.95	102.25	59.16	64.12	78.66	15.73	14.11	57.29	115.44	117.58	109.35	825.96
	Below Normal	56.76	49.13	91.80	57.32	63.23	72.45	15.97	14.00	40.08	121.51	119.14	107.04	808.42
	Dry	47.52	45.25	96.35	58.70	48.06	44.17	15.01	16.16	24.60	117.08	63.44	93.42	669.76
	Critical	45.69	21.25	63.41	51.52	39.72	28.56	12.98	14.76	9.41	58.56	13.50	29.37	388.73

Difference in Energy Use (GWh) At Pumping Plant at SWP Banks: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.06	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1923	Below Normal	0.36	0.11	0.00	(0.91)	2.65	0.08	0.00	0.00	2.84	0.00	0.00	0.00	0.43
1924	Critical	23.38	0.35	40.02	(8.09)	0.00	0.03	0.00	0.00	0.00	(82.38)	0.00	(0.01)	(2.23)
1925	Dry	0.09	0.07	0.03	0.00	0.00	(0.04)	0.00	0.00	5.86	0.00	(2.37)	0.00	0.30
1926	Dry	(8.87)	(8.45)	0.00	0.00	0.00	0.00	0.00	(0.60)	0.01	0.00	18.79	1.68	0.21
1927	Wet	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	(0.02)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.33)	0.00	0.00	(0.03)
1929	Critical	(0.34)	(0.12)	(0.02)	0.00	0.00	0.85	0.00	0.00	0.00	0.00	10.08	(0.16)	0.86
1930	Dry	0.09	(0.61)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	0.00	(0.05)
1931	Critical	(2.14)	(2.25)	0.03	0.00	0.02	(0.03)	0.00	0.00	0.00	4.54	0.00	(0.01)	0.01
1932	Dry	0.03	(0.73)	0.00	0.00	0.30	0.01	0.00	0.00	0.00	0.00	43.97	8.77	4.36
1933	Critical	(19.30)	(13.33)	0.02	22.26	10.01	0.00	0.00	0.00	0.00	(8.64)	0.00	(0.41)	(0.78)
1934	Critical	1.55	(3.21)	(1.35)	0.28	0.31	0.01	0.00	0.00	0.00	0.00	0.00	0.01	(0.20)
1935	Below Normal	10.95	0.16	(0.05)	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.92
1936	Below Normal	0.71	0.51	0.02	0.00	(0.16)	(1.88)	0.00	0.00	0.00	0.00	0.00	0.82	0.00
1937	Below Normal	0.00	0.01	0.00	(21.70)	0.00	1.88	(2.47)	(6.11)	8.57	0.00	(3.99)	0.08	(1.98)
1938	Wet	0.00	0.00	(19.41)	(17.65)	7.36	1.99	(4.68)	(67.08)	0.00	4.23	3.25	17.24	(6.23)
1939	Dry	2.40	0.00	(3.89)	0.00	0.02	0.00	0.21	(1.12)	0.00	0.00	(0.11)	0.00	(0.21)
1940	Above Normal	(6.52)	(0.16)	(0.81)	0.00	0.00	0.00	0.00	0.00	0.01	(0.02)	0.00	0.00	(0.63)
1941	Wet	(0.01)	0.08	0.00	(0.01)	(2.33)	0.00	0.00	(1.76)	(0.61)	0.00	0.00	0.00	(0.39)
1942	Wet	0.52	0.00	0.00	(5.71)	(1.64)	0.00	0.00	0.00	0.00	0.00	0.00	8.44	0.13
1943	Wet	(0.04)	0.00	0.00	(19.90)	(1.01)	0.00	(0.41)	(0.42)	(6.22)	0.00	0.00	(0.73)	(2.39)
1944	Dry	1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.02	0.07	0.28
1945	Below Normal	0.00	0.00	0.00	0.00	(6.60)	(6.32)	(0.01)	0.00	(0.01)	0.00	0.00	0.96	(1.00)
1946	Below Normal	0.36	2.41	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	(0.78)	0.19
1947	Dry	0.02	0.01	(0.06)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.01
1948	Below Normal	0.06	0.01	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.07	0.07	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	0.00	0.00
1950	Below Normal	(0.88)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	(0.07)
1951	Above Normal	0.01	0.00	(0.53)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	(0.04)
1952	Wet	0.00	0.02	0.00	(0.63)	0.18	0.00	(2.65)	(6.58)	(13.60)	0.00	0.00	9.66	(1.13)
1953	Wet	(2.23)	0.00	0.00	(8.24)	0.00	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.87)
1954	Above Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
1955	Dry	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(2.23)	(0.16)
1956	Wet	0.03	0.01	(15.67)	0.00	(0.02)	0.01	0.00	0.00	0.00	0.00	0.00	0.51	(1.26)
1957	Above Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(3.16)	(5.15)	(4.09)	0.00	0.00	0.00	(1.03)
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	(2.47)	0.01	0.00	0.00	0.00	0.00	0.00	(0.21)
1960	Dry	(0.56)	(0.88)	(0.41)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.00	(0.09)
1961	Dry	1.55	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.12
1962	Below Normal	0.01	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.02	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.01
1965	Wet	0.22	0.00	0.00	(1.19)	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.02	(0.08)
1966	Below Normal	0.01	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.44	0.00	0.00	0.00	0.00	(0.01)	(2.80)	(5.28)	(7.17)	0.00	0.00	0.00	(1.24)
1968	Below Normal	(1.10)	0.00	2.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
1969	Wet	(5.83)	0.53	0.00	(9.41)	14.09	3.89	(5.54)	4.88	(0.42)	(0.42)	(0.42)	(0.32)	0.09
1970	Wet	(0.21)	0.00	0.00	(0.60)	3.09	(0.05)	0.00	0.00	0.00	0.00	0.00	(0.38)	0.15
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00
1974	Wet	(0.45)	0.00	0.00	(3.53)	0.00	(17.45)	(0.04)	0.00	(0.02)	0.00	0.00	9.63	(0.99)
1975	Wet	(0.05)	0.00	0.00	0.00	0.00	(0.51)	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)
1976	Critical	0.45	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.58)	(0.06)	0.00	(0.02)
1977	Critical	(0.27)	0.01	0.05	(0.16)	(0.01)	0.00	0.00	0.00	0.02	0.00	0.00	0.01	(0.03)
1978	Above Normal	0.00	(0.18)	0.08	0.00	(6.15)	(9.39)	(5.82)	(6.11)	(21.27)	0.00	0.00	0.00	(4.07)
1979	Below Normal	(0.20)	(0.10)	0.00	0.00	(0.78)	(1.57)	0.00	0.00	0.00	0.00	0.00	15.41	1.06
1980	Above Normal	14.49	0.00	0.00	(33.74)	9.11	4.75	0.00	0.00	(0.99)	(23.02)	(22.84)	49.40	(0.24)
1981	Dry	(1.11)	0.14	0.00	0.00	0.00	(8.24)	0.00	(0.01)	0.00	0.00	0.04	0.00	(0.77)
1982	Wet	2.89	0.00	0.00	0.00	(1.02)	3.23	0.00	(6.69)	(9.07)	0.00	0.00	0.00	(0.89)
1983	Wet	9.75	4.82	1.13	0.00	0.02	(0.26)	0.00	0.00	0.00	0.00	0.00	0.00	1.29
1984	Wet	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	(33.79)	17.54	(0.42)	(3.44)	(1.53)	0.00	22.88	(19.87)	(1.55)
1987	Dry	0.09	0.00	0.00	0.00	0.00	0.00	0.02	(0.01)	0.00	(3.05)	0.02	0.01	(0.24)
1988	Critical	(0.03)	(0.02)	0.00	0.00	0.01	0.04	0.00	0.00	0.00	0.18	0.00	0.01	0.02
1989	Dry	0.00	0.00	(0.08)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.76)	0.00	(0.15)
1990	Critical	0.40	(0.03)	0.68	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
1991	Critical	(0.02)	0.02	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.47	0.00	(0.02)	0.04
1992	Critical	(0.06)	(0.04)	0.01	(0.20)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)
1993	Above Normal	0.00	(0.02)	(0.01)	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.05)	0.00
1995	Wet	(0.03)	(0.02)	(0.01)	(0.03)	0.00	0.00	(3.89)	(64.73)	(16.82)	0.00	0.00	0.00	(7.13)
1996	Wet	(0.07)	(0.07)	0.00	0.00	(0.07)	(6.77)	0.00	(0.07)	0.00	0.00	0.00	0.00	(0.59)
1997	Wet	(0.05)	(0.36)	0.00	0.00	0.00	(0.71)	0.00	(1.08)	(1.60)	11.85	0.00	0.00	0.67
1998	Wet	(0.04)	(0.10)	0.00	(0.05)	0.00	0.00	(2.56)	(5.04)	0.00	0.00	0.00	0.00	(0.65)
1999	Wet	0.00	0.00	0.00	0.00	(2.71)	0.00	0.00	0.00	0.00	0.00	0.00	(2.55)	(0.44)
2000	Above Normal	0.01	0.00	0.00	0.00	(1.04)	(0.82)	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.15)
2001	Dry	(0.05)	0.00	(4.99)	0.00	0.00	0.00	0.00	0.00	0.00	3.53	(0.11)	0.02	(0.13)
2002	Dry	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	1.36	0.11
2003	Above Normal	0.00	(0.18)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
	Average	0.27	(0.26)	(0.04)	(1.33)	(0.12)	(0.27)	(0.42)	(2.15)	(0.81)	(1.14)	0.86	1.18	(0.35)
	Wet	0.19	0.19	(1.31)	(2.58)	(0.69)	0.03	(1.01)	(6.25)	(2.35)	0.60	0.99	0.83	(0.95)
	Above Normal	0.67	(0.05)	(0.11)	(2.81)	0.16	(0.44)	(0.48)	(0.51)	(1.85)	(1.95)	(1.90)	4.12	(0.43)
	Below Normal	0.73	0.22	0.16	(1.61)	(0.33)	(0.73)	(0.18)	(0.44)	0.81	0.00	(0.29)	1.18	(0.04)
	Dry	(0.26)	(0.58)	(0.52)	0.00	0.02	(0.46)	0.01	(0.10)	0.33	0.03	3.41	0.54	0.20
	Critical	0.30	(1.55)	3.29	1.17	0.86	0.07	0.00	0.00	0.00	(7.20)	0.84	(0.05)	(0.19)

Percent Difference in Energy Use (GWh) At Pumping Plant at SWP Banks: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	1%	0%	0%	-1%	4%	0%	0%	0%	6%	0%	0%	0%
1924	Critical	37%	1%	78%	-15%	0%	1%	0%	0%	0%	-76%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	17%	0%	-4%	0%
1926	Dry	-16%	-18%	0%	0%	0%	0%	0%	-4%	0%	0%	31%	3%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	-1%	0%	0%	0%	0%	2%	0%	0%	0%	0%	184%	-1%
1930	Dry	0%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	-6%	-8%	0%	0%	0%	0%	0%	0%	0%	7%	0%	0%
1932	Dry	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	56%	21%
1933	Critical	-49%	-40%	0%	46%	12%	0%	0%	0%	0%	-30%	0%	-4%
1934	Critical	8%	-16%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	41%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	1%	1%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	1%
1937	Below Normal	0%	0%	0%	-24%	0%	2%	-12%	-27%	11%	0%	-5%	0%
1938	Wet	0%	0%	-17%	-13%	7%	2%	-11%	-59%	0%	4%	3%	21%
1939	Dry	4%	0%	-4%	0%	0%	0%	2%	-7%	0%	0%	0%	0%
1940	Above Normal	-18%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	-2%	0%	0%	-7%	-1%	0%	0%	0%
1942	Wet	1%	0%	0%	-6%	-2%	0%	0%	0%	0%	0%	0%	8%
1943	Wet	0%	0%	0%	-18%	-1%	0%	-2%	-3%	-13%	0%	0%	-1%
1944	Dry	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1945	Below Normal	0%	0%	0%	0%	-10%	-5%	0%	0%	0%	0%	0%	1%
1946	Below Normal	0%	2%	0%	0%	1%	0%	0%	0%	0%	0%	0%	-1%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-1%	0%	0%	-10%	-16%	-13%	0%	0%	9%
1953	Wet	-4%	0%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%
1956	Wet	0%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-7%	-14%	-4%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%
1960	Dry	-1%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1961	Dry	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	1%	0%	0%	0%	0%	0%	-8%	-15%	-6%	0%	0%	0%
1968	Below Normal	-1%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	-8%	1%	0%	-12%	23%	6%	-12%	6%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	3%	0%	0%	0%	0%	0%	0%	-1%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-4%	0%	-16%	0%	0%	0%	0%	0%	9%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	-1%	0%	0%	-8%	-10%	-20%	-23%	-23%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	-1%	-2%	0%	0%	0%	0%	0%	23%
1980	Above Normal	17%	0%	0%	-30%	11%	6%	0%	0%	-1%	-19%	-25%	822%
1981	Dry	-2%	2%	0%	0%	0%	-15%	0%	0%	0%	0%	0%	0%
1982	Wet	5%	0%	0%	0%	-1%	2%	0%	-15%	-10%	0%	0%	0%
1983	Wet	9%	7%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-24%	15%	-2%	-13%	-2%	0%	31%	-17%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-4%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1990	Critical	1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	-13%	-57%	-14%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	-5%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	-4%	0%	0%	0%	-1%	0%	-8%	-3%	11%	0%	0%
1998	Wet	0%	-1%	0%	0%	0%	0%	-8%	-13%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	-4%
2000	Above Normal	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-4%	0%	0%	0%	0%	0%	0%	4%	-1%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	-1%	0%	-1%	0%	0%	-1%	-3%	-1%	-1%	3%	11%
	Wet	0%	0%	-1%	-3%	0%	0%	-3%	-8%	-3%	1%	1%	1%
	Above Normal	0%	0%	0%	-3%	0%	0%	-2%	-2%	-2%	-2%	-2%	68%
	Below Normal	3%	0%	0%	-2%	0%	-1%	-1%	-2%	1%	0%	0%	2%
	Dry	0%	-1%	0%	0%	0%	-1%	0%	-1%	1%	0%	5%	1%
	Critical	-1%	-5%	6%	2%	1%	0%	0%	0%	0%	-8%	15%	0%

Energy Use (GWh) At Pumping Plant at SWP Dos Amigos: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	39.20	49.47	27.00	7.25	13.46	22.05	30.16	34.24	43.51	43.87	44.42	31.55	386.18
1923	Below Normal	29.11	35.32	21.37	34.85	34.36	33.65	24.76	32.29	42.86	47.34	43.54	28.72	408.17
1924	Critical	29.35	18.38	15.72	11.27	11.41	10.06	13.65	17.60	23.72	28.21	20.70	13.54	213.61
1925	Dry	7.05	5.33	4.80	3.47	5.38	20.51	23.37	33.71	45.02	50.52	52.14	29.62	280.92
1926	Dry	21.08	18.26	15.27	6.87	8.24	11.83	17.48	29.26	38.85	43.51	42.92	25.70	279.27
1927	Wet	18.09	15.60	12.96	6.64	11.29	25.30	31.70	36.26	45.64	45.97	46.49	33.45	329.39
1928	Above Normal	28.17	34.19	23.07	28.94	28.84	17.97	31.34	35.42	44.37	44.85	45.09	32.58	394.83
1929	Critical	27.30	32.60	22.29	26.16	24.63	13.92	11.51	16.21	21.54	22.94	18.82	12.26	250.18
1930	Dry	6.53	5.02	4.54	3.14	6.13	8.31	19.34	25.22	33.87	37.14	36.91	21.09	207.24
1931	Critical	13.41	11.05	9.13	5.39	6.60	7.80	15.51	20.12	27.20	31.63	23.79	15.36	186.99
1932	Dry	8.06	6.32	5.60	4.35	7.21	10.33	19.81	25.77	34.40	38.41	38.26	22.27	220.79
1933	Critical	15.10	12.84	10.59	5.88	7.13	9.59	17.41	23.61	32.11	36.43	28.94	18.80	218.43
1934	Critical	10.95	8.43	6.92	4.95	5.73	8.15	16.53	21.46	29.13	34.28	12.91	3.39	162.83
1935	Below Normal	11.83	19.27	14.94	4.71	6.88	9.85	25.64	33.84	35.80	52.72	47.43	31.50	294.41
1936	Below Normal	27.70	19.63	16.37	7.14	9.55	36.01	30.03	37.69	47.41	47.77	48.33	42.65	370.28
1937	Below Normal	29.38	26.08	24.07	29.42	46.60	49.96	31.16	34.32	45.48	49.98	56.49	35.20	458.14
1938	Wet	29.19	25.79	23.89	48.65	50.02	52.87	25.39	40.85	50.88	54.97	56.70	34.69	493.89
1939	Dry	34.21	33.19	23.57	34.95	34.34	38.58	28.83	33.37	31.14	51.85	46.24	34.41	424.68
1940	Above Normal	25.66	16.23	25.08	5.04	6.13	13.54	25.50	34.17	41.73	52.06	46.76	30.71	322.61
1941	Wet	23.52	25.17	15.93	11.31	15.60	34.98	26.73	30.10	40.27	44.83	45.47	31.32	345.23
1942	Wet	35.14	26.67	20.37	35.63	35.51	40.02	34.51	34.86	44.68	45.11	45.71	32.09	430.30
1943	Wet	33.76	31.44	21.63	29.47	34.86	33.52	34.62	35.32	46.66	51.20	51.86	36.28	440.62
1944	Dry	38.13	33.71	24.72	25.03	23.50	15.09	20.00	26.17	34.73	38.60	38.76	22.41	340.85
1945	Below Normal	14.95	12.62	10.46	7.10	8.12	46.91	29.98	36.25	45.64	45.99	46.49	42.49	347.00
1946	Below Normal	30.13	24.98	30.99	32.44	26.00	27.62	29.95	34.55	43.58	43.95	44.55	39.66	408.40
1947	Dry	29.77	23.69	21.80	29.11	28.56	18.75	29.28	35.51	45.95	49.07	54.57	31.89	397.95
1948	Below Normal	24.77	21.75	19.14	16.90	16.31	10.89	16.58	25.71	19.65	49.71	45.05	30.91	297.37
1949	Dry	26.35	19.46	16.11	7.69	8.55	10.94	29.54	35.39	45.71	48.44	56.85	31.91	336.94
1950	Below Normal	25.05	22.03	19.52	8.03	8.34	9.48	23.35	30.47	17.60	50.72	45.74	30.85	291.18
1951	Above Normal	28.58	18.30	17.71	50.62	47.00	52.39	28.01	35.70	45.12	45.44	46.06	32.99	447.92
1952	Wet	30.82	32.28	22.16	34.81	35.48	27.39	21.73	29.09	38.70	43.35	44.10	30.44	390.35
1953	Wet	28.79	35.09	35.80	36.02	35.42	39.50	33.51	32.20	41.23	43.38	42.04	29.09	432.07
1954	Above Normal	26.34	24.31	18.05	21.67	22.41	22.64	25.73	33.76	44.47	49.76	46.02	30.06	365.22
1955	Dry	23.81	23.16	15.50	7.65	9.49	12.58	21.69	28.42	37.76	42.42	46.06	24.91	293.45
1956	Wet	17.42	15.02	12.48	38.11	48.91	53.00	32.22	39.38	50.11	50.50	51.20	36.38	444.73
1957	Above Normal	36.32	35.70	25.05	33.52	32.24	21.90	21.53	23.10	11.91	50.23	44.91	29.64	366.05
1958	Wet	21.02	22.41	15.07	6.65	17.69	43.15	33.74	41.72	50.01	54.57	55.31	38.26	399.60
1959	Below Normal	31.81	45.61	25.91	34.11	33.48	35.14	24.60	32.12	31.49	50.78	45.67	30.35	421.07
1960	Dry	27.62	18.87	15.70	6.66	7.11	9.62	27.65	35.76	39.68	54.49	48.36	35.34	326.86
1961	Dry	26.04	22.77	19.13	8.80	9.58	9.50	23.19	30.24	40.28	45.12	44.86	19.32	298.83
1962	Below Normal	6.80	21.69	24.18	4.07	4.96	12.43	23.53	30.98	19.60	51.20	46.19	31.21	276.84
1963	Wet	22.42	19.47	16.20	14.93	17.85	23.89	29.58	34.31	43.27	43.62	44.23	31.71	341.48
1964	Dry	26.51	23.50	41.07	26.22	19.59	20.33	31.52	35.41	44.58	44.92	53.45	32.70	399.80
1965	Wet	27.51	24.37	22.48	28.55	30.96	25.36	28.71	32.77	40.81	42.56	42.42	30.20	376.70
1966	Below Normal	36.20	24.44	20.06	31.15	33.10	25.84	25.11	32.64	42.19	50.03	44.45	29.11	394.32
1967	Wet	28.46	18.29	9.25	8.84	14.06	19.50	32.37	33.64	44.34	48.84	49.47	34.76	341.82
1968	Below Normal	28.95	43.25	24.67	35.05	36.05	37.25	28.80	32.17	42.23	45.45	42.83	28.90	425.60
1969	Wet	28.21	19.29	16.84	24.64	26.41	31.53	23.86	30.10	40.27	52.21	52.38	33.43	379.17
1970	Wet	32.46	22.66	19.94	53.81	48.62	53.39	29.25	35.55	44.88	45.20	45.81	36.81	468.38
1971	Wet	33.13	25.93	22.49	34.79	34.14	28.04	23.98	31.98	42.78	48.40	43.51	28.19	397.36
1972	Below Normal	25.69	17.67	14.44	7.56	15.17	21.73	26.18	33.37	44.28	48.82	44.73	29.58	329.22
1973	Above Normal	29.00	18.93	16.15	10.91	21.99	28.85	29.16	36.50	46.03	46.28	46.87	33.66	364.33
1974	Wet	28.34	25.13	23.18	35.11	35.21	37.05	32.97	37.45	48.09	48.46	49.13	34.49	434.61
1975	Wet	28.69	40.93	23.40	34.09	33.04	34.62	31.64	35.60	44.82	45.08	45.59	32.84	430.34
1976	Critical	27.57	35.37	22.58	28.68	28.37	18.53	24.23	31.81	29.60	52.26	38.72	32.43	370.15
1977	Critical	23.43	20.45	16.94	6.59	7.08	7.41	7.77	3.84	1.44	3.75	1.52	10.31	110.53
1978	Above Normal	2.36	13.35	24.00	3.97	7.58	20.44	22.77	19.88	36.82	42.49	42.95	30.68	267.29
1979	Below Normal	31.64	33.07	20.83	28.08	30.98	38.20	28.61	35.67	45.36	45.68	46.19	42.48	426.79
1980	Above Normal	27.29	24.13	22.29	30.25	35.59	33.26	22.60	30.58	44.38	43.31	60.78	34.26	408.72
1981	Dry	27.09	23.76	21.78	33.42	33.75	24.73	23.63	31.50	23.85	51.13	50.96	31.73	377.33
1982	Wet	22.81	19.90	16.49	13.83	17.43	52.92	47.06	39.39	52.83	53.38	54.11	37.24	427.39
1983	Wet	36.82	41.74	38.19	31.79	27.65	26.95	16.95	14.19	22.78	39.16	39.62	26.94	362.78
1984	Wet	48.18	47.68	55.09	54.35	51.25	52.37	28.18	35.98	45.33	45.74	46.36	33.29	543.80
1985	Dry	27.93	24.80	31.84	31.31	30.92	30.43	29.49	33.95	42.80	43.06	51.97	31.31	409.81
1986	Wet	26.21	23.25	21.40	27.27	25.77	37.98	30.72	37.95	47.76	48.46	61.26	34.98	423.01
1987	Dry	29.26	25.82	23.74	33.53	32.16	17.96	17.04	22.29	30.20	36.79	26.31	17.24	312.34
1988	Critical	9.47	7.08	6.22	4.20	6.39	6.98	11.89	15.26	20.31	21.82	17.74	11.81	139.17
1989	Dry	6.01	4.66	4.23	2.93	5.59	6.96	26.60	35.29	40.70	54.12	52.50	32.92	272.51
1990	Critical	23.73	20.64	17.20	6.89	7.74	8.69	15.01	19.50	26.33	28.03	22.95	15.08	211.79
1991	Critical	8.05	6.00	5.40	3.78	5.31	6.81	12.07	14.90	15.74	27.47	19.47	13.16	138.16
1992	Critical	6.73	4.87	4.59	3.31	5.10	6.58	11.91	15.19	20.09	13.02	1.66	15.93	108.98
1993	Above Normal	15.76	4.02	18.12	4.23	14.21	20.88	27.84	33.40	36.04	47.09	45.24	31.47	298.30
1994	Critical	28.41	28.31	19.39	20.06	19.55	16.01	22.17	28.83	35.17	43.98	33.38	26.34	321.60
1995	Wet	7.44	16.02	28.66	4.03	12.45	16.67	34.28	39.76	50.66	51.43	52.08	36.59	350.07
1996	Wet	36.10	38.26	25.03	32.58	33.89	31.18	32.24	36.29	45.83	46.18	46.77	33.50	437.85
1997	Wet	40.67	24.95	23.02	34.95	34.85	47.51	30.31	36.33	46.79	47.27	47.92	33.34	447.91
1998	Wet	31.31	34.60	22.40	33.10	35.04	35.91	30.80	38.62	50.50	51.20	51.89	35.33	450.70
1999	Wet	29.90	52.43	31.99	35.79	49.62	39.12	30.47	35.64	44.94	45.40	46.04	38.66	480.00
2000	Above Normal	30.29	25.48	22.62	30.29	29.91	24.16	26.89	34.49	45.64	50.43	46.18	30.63	397.01
2001	Dry	26.70	24.75	16.80	10.83	10.80	10.12	17.22	22.66	30.77	39.88	26.93	17.59	255.05
2002	Dry	9.62	7.24	6.32	3.93	8.24	12.99	31.93	35.67	44.65	45.06	51.87	32.95	290.47
2003	Above Normal	27.76	18.80	28.62	5.73	9.00	13.00	22.14	28.98	19.92	47.40	42.72	28.86	292.93
	Average	24.91	23.48	19.76	20.36	22.14	24.88	25.45	30.87	37.99	44.37	42.97	29.37	346.55
	Wet	28.71	27.86	22.94	28.84	31.27	36.30	30.29	34.82	44.80	47.56	48.36	33.63	415.37
	Above Normal	26.39	23.58	22.31	19.37	22.36	24.26	26.14	31.69	38.33	46.93	46.50	31.42	359.28
	Below Normal	25.29	26.24	20.50	20.04	22.14	28.21	26.31	33.01	37.37	48.58	46.26	33.83	367.77
	Dry	22.32	19.13	17.36	15.55	16.06	16.09	24.31	30.87	38.05	45.25	45.55	27.52	318.06
	Critical	18.63	17.17	13.08	10.60	11.25	10.04	14.97	19.03	23.53	28.65	20.05	15.70	202.70

Energy Use (GWh) At Pumping Plant at SWP Dos Amigos: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	39.20	49.47	27.00	10.40	14.10	22.85	31.91	37.25	49.25	49.74	50.40	35.14	416.71
1923	Below Normal	32.79	37.06	23.90	35.49	35.10	39.26	32.14	21.40	21.27	52.96	50.27	35.55	417.19
1924	Critical	36.00	24.76	21.66	17.47	16.39	12.08	15.52	20.18	22.18	17.18	1.62	4.41	209.45
1925	Dry	18.61	22.99	29.35	5.78	6.90	9.76	22.05	28.80	38.70	43.36	44.79	25.61	296.70
1926	Dry	18.03	15.63	13.06	7.85	8.37	12.51	18.30	31.60	41.19	47.54	47.20	28.12	289.40
1927	Wet	16.35	19.34	16.05	7.39	10.62	25.29	31.09	35.44	45.55	45.87	46.37	33.65	333.01
1928	Above Normal	28.43	34.32	23.45	29.67	28.30	17.25	29.71	35.64	34.91	51.26	49.23	34.87	397.04
1929	Critical	27.94	33.17	22.05	19.91	18.50	12.11	12.85	16.76	22.40	21.55	6.26	5.99	219.49
1930	Dry	9.34	7.68	20.44	4.73	6.06	8.27	18.88	24.66	31.54	36.62	36.05	20.60	224.87
1931	Critical	12.67	10.22	8.41	5.57	6.57	7.96	15.61	20.26	27.42	31.86	20.53	3.22	170.30
1932	Dry	8.08	12.14	14.70	5.03	7.30	10.57	19.81	25.77	35.35	39.37	35.08	27.37	240.57
1933	Critical	16.07	13.81	11.56	6.94	7.16	9.97	17.95	24.30	33.15	37.73	30.71	20.07	229.42
1934	Critical	10.78	8.30	11.19	5.51	5.93	7.86	15.79	20.45	27.69	32.64	9.71	3.77	159.62
1935	Below Normal	16.83	16.19	12.61	4.65	6.92	9.97	26.24	34.67	40.49	54.37	48.97	32.68	304.59
1936	Below Normal	28.72	20.66	17.40	8.05	9.51	33.38	30.06	37.72	48.40	48.76	49.33	43.65	375.64
1937	Below Normal	30.37	27.06	25.06	29.41	36.64	50.83	30.82	34.01	46.11	50.62	57.10	35.84	453.87
1938	Wet	29.82	26.45	23.61	35.25	50.12	53.78	25.81	33.49	45.32	50.83	51.53	35.37	461.38
1939	Dry	33.96	38.34	24.31	35.66	34.06	37.78	27.05	33.86	34.17	52.75	46.19	35.42	433.55
1940	Above Normal	26.73	13.13	28.47	4.94	5.28	13.27	25.48	34.15	42.59	52.98	47.69	31.65	326.36
1941	Wet	24.52	26.56	16.65	11.32	15.60	33.97	26.73	30.10	41.23	45.79	46.42	32.28	351.17
1942	Wet	35.98	27.47	20.82	35.62	35.48	39.84	34.42	34.62	45.26	45.69	46.29	32.84	434.33
1943	Wet	34.57	32.20	22.46	29.64	34.75	33.88	34.98	35.10	47.23	51.76	52.40	37.04	446.01
1944	Dry	38.68	34.75	25.57	23.00	20.80	14.18	19.94	26.10	35.36	39.19	39.17	23.02	339.76
1945	Below Normal	15.53	13.20	11.06	7.77	8.10	42.13	30.02	36.29	46.65	46.99	47.49	43.04	348.27
1946	Below Normal	31.21	25.97	32.25	33.40	26.00	27.71	30.07	34.70	44.73	45.10	45.71	41.12	417.97
1947	Dry	30.22	24.76	22.86	30.23	28.59	18.72	29.19	35.52	46.62	49.85	55.29	32.46	404.31
1948	Below Normal	25.27	22.25	19.62	17.10	15.95	10.76	16.60	26.16	19.64	49.80	45.13	30.95	299.23
1949	Dry	26.34	19.47	16.13	7.69	8.56	10.92	29.52	35.39	45.75	48.51	56.91	31.92	337.11
1950	Below Normal	25.04	22.02	19.51	7.79	8.11	9.40	23.34	30.46	18.14	51.31	46.32	31.40	292.84
1951	Above Normal	29.12	18.87	17.47	50.62	47.00	52.39	28.01	35.70	46.07	46.39	47.02	33.95	452.61
1952	Wet	31.78	33.24	23.12	35.77	35.48	27.39	21.73	27.92	37.47	43.04	43.65	30.25	390.84
1953	Wet	29.42	34.55	38.81	36.60	34.99	36.92	28.97	32.01	42.01	43.80	42.84	30.14	431.06
1954	Above Normal	27.59	25.18	19.39	23.91	23.66	23.65	25.91	34.01	45.94	50.26	46.69	30.60	376.79
1955	Dry	24.25	23.82	15.99	8.13	9.49	12.55	21.53	28.20	37.61	42.23	45.89	24.87	294.56
1956	Wet	17.42	15.03	12.52	31.32	48.91	53.00	32.24	39.40	51.09	51.48	52.18	37.36	441.95
1957	Above Normal	37.29	36.68	26.03	34.48	32.23	21.88	21.54	23.17	12.81	51.03	45.75	30.59	373.48
1958	Wet	21.99	23.37	16.03	7.56	17.69	43.09	33.74	41.72	50.97	55.53	56.27	39.22	407.18
1959	Below Normal	32.76	46.04	26.87	35.06	33.45	34.21	24.01	31.33	27.80	50.94	45.91	30.93	419.31
1960	Dry	28.19	19.52	16.32	7.25	7.02	9.68	27.76	35.77	40.50	54.15	49.08	34.90	330.14
1961	Dry	25.80	22.55	18.99	9.24	9.97	9.66	23.24	30.31	40.38	45.23	45.15	19.32	299.84
1962	Below Normal	6.79	21.70	24.17	4.07	4.96	12.43	23.53	30.98	20.53	52.13	47.12	32.14	280.55
1963	Wet	23.35	20.40	17.13	15.85	17.85	23.89	29.58	34.31	44.22	44.58	45.19	32.66	349.01
1964	Dry	27.47	24.45	41.93	27.18	19.59	20.38	31.51	35.39	44.57	44.91	53.47	32.70	403.55
1965	Wet	27.51	24.38	22.48	28.66	31.01	25.17	28.69	32.80	41.45	43.70	43.50	31.23	380.58
1966	Below Normal	37.19	24.78	21.04	31.94	32.93	25.76	25.11	32.65	42.97	50.80	45.21	29.85	400.23
1967	Wet	29.04	19.04	9.99	9.56	14.05	19.50	32.39	33.56	44.21	49.66	50.30	35.65	346.95
1968	Below Normal	29.85	43.60	24.55	35.94	35.98	37.26	28.45	32.19	43.46	47.35	44.02	29.59	432.24
1969	Wet	28.47	19.57	16.98	19.24	27.21	31.52	23.72	29.94	40.07	53.17	53.34	34.24	377.47
1970	Wet	33.32	23.49	20.78	53.81	50.05	53.36	28.70	35.67	45.99	46.31	46.92	37.97	476.37
1971	Wet	34.21	26.87	23.53	35.75	34.15	28.06	23.92	31.91	43.07	49.05	44.17	28.89	403.58
1972	Below Normal	26.40	18.35	15.14	8.29	15.20	21.74	26.18	33.36	44.28	48.81	44.73	29.59	332.07
1973	Above Normal	29.02	18.95	16.17	10.96	22.02	28.91	29.12	36.51	46.99	47.25	47.83	34.63	368.36
1974	Wet	29.30	26.09	24.15	36.06	35.19	35.57	34.03	36.81	48.05	48.40	49.06	34.89	437.60
1975	Wet	29.23	41.06	24.01	34.42	32.74	33.61	31.94	35.94	46.22	46.48	47.00	34.12	436.77
1976	Critical	28.82	36.68	23.78	29.90	28.57	18.56	24.10	31.64	29.39	52.26	38.42	32.21	374.33
1977	Critical	23.25	20.29	16.80	6.58	7.07	7.40	8.38	3.84	1.44	3.75	1.51	10.30	110.61
1978	Above Normal	2.36	13.28	24.06	3.97	7.59	19.87	22.14	19.95	38.46	45.33	44.49	31.39	272.89
1979	Below Normal	31.66	32.08	20.51	24.36	23.23	28.90	31.22	35.60	46.09	46.39	46.90	43.41	410.35
1980	Above Normal	28.30	25.15	23.31	29.09	35.53	35.46	21.12	29.42	44.07	53.65	51.39	32.66	409.15
1981	Dry	27.01	23.85	21.99	34.66	33.47	27.63	24.17	32.28	29.08	52.51	50.98	32.98	390.61
1982	Wet	23.97	21.02	17.59	14.78	17.50	52.90	47.06	39.40	53.80	54.35	55.08	38.20	435.65
1983	Wet	31.75	47.78	38.19	31.79	27.65	26.95	16.95	14.19	22.78	39.16	40.57	27.90	365.66
1984	Wet	44.71	47.68	55.09	54.35	51.25	52.37	28.18	35.98	46.29	46.70	47.32	34.24	544.16
1985	Dry	28.89	25.76	32.80	32.27	30.92	30.43	29.49	33.95	43.50	43.76	52.67	32.01	416.45
1986	Wet	26.92	23.95	22.10	27.97	25.77	30.43	32.43	37.97	48.74	49.44	61.50	35.96	423.18
1987	Dry	30.24	27.59	24.71	34.49	32.17	17.97	16.49	21.53	29.16	35.62	25.40	16.68	312.05
1988	Critical	9.11	6.80	6.03	4.13	6.35	6.96	11.89	15.26	20.31	21.76	17.74	11.81	138.15
1989	Dry	6.01	4.66	4.23	2.92	5.58	6.95	26.57	35.25	40.53	54.09	51.70	33.16	271.65
1990	Critical	23.92	20.82	17.34	6.89	7.73	8.69	15.01	19.50	26.34	28.04	22.95	15.09	212.32
1991	Critical	8.06	6.01	5.41	3.78	5.31	6.81	12.07	14.66	15.74	27.32	19.72	13.21	138.10
1992	Critical	6.76	4.64	4.76	3.40	5.10	6.58	11.90	15.19	20.09	12.68	1.45	15.99	108.54
1993	Above Normal	15.79	4.04	18.53	4.23	14.19	20.81	27.82	33.41	36.75	48.17	46.28	32.48	302.50
1994	Critical	29.38	29.22	20.35	20.88	19.43	15.96	22.17	28.83	35.22	43.99	33.41	26.33	325.17
1995	Wet	7.43	16.02	28.67	4.03	12.45	16.67	34.28	39.76	51.62	52.38	53.04	37.54	353.89
1996	Wet	37.07	38.23	25.99	19.88	22.85	25.97	31.49	35.39	45.56	45.90	46.48	33.65	408.46
1997	Wet	40.32	25.29	23.39	34.87	34.79	49.02	30.42	36.38	47.80	48.27	48.93	34.35	453.83
1998	Wet	36.79	30.97	23.40	34.20	35.04	35.88	30.78	36.22	47.00	47.60	49.18	34.17	441.23
1999	Wet	42.46	53.39	33.26	36.37	49.38	39.12	29.30	35.73	46.03	46.49	47.13	40.29	498.95
2000	Above Normal	31.70	25.64	23.64	31.37	30.07	23.92	26.72	34.48	46.65	51.67	47.18	31.47	404.51
2001	Dry	27.38	25.45	17.45	10.89	10.04	9.92	17.35	22.83	31.18	40.33	27.31	17.89	258.02
2002	Dry	9.87	7.47	6.53	4.11	8.26	12.97	31.84	35.56	44.53	44.93	51.74	32.86	290.67
2003	Above Normal	27.68	19.39	27.90	6.05	9.28	13.11	22.14	28.97	20.57	48.05	43.36	29.50	296.00
	Average	25.76	24.32	21.01	20.33	21.77	24.46	25.50	30.60	38.00	44.92	42.88	29.72	349.27
	Wet	29.53	28.59	23.72	27.77	30.87	35.66	30.14	34.30	44.96	47.90	48.72	34.39	416.55
	Above Normal	26.93	23.68	22.95	19.97	22.44	24.45	25.97	31.89	38.76	49.65	47.28	32.41	366.37
	Below Normal	26.46	26.50	20.98	20.24	20.86	27.41	26.99	32.25	36.47	49.74	47.44	34.98	370.31
	Dry	23.24	21.16	20.41	16.17	15.95	15.60	24.15	30.71	38.32	45.28	45.23	27.88	324.10
	Critical	19.40	17.89	14.11	10.91	11.18	10.08	15.27	19.24	23.45	27.56	17.00	13.53	199.63

Difference in Energy Use (GWh) At Pumping Plant at SWP Dos Amigos: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	3.15	0.64	0.80	1.75	3.01	5.74	5.87	5.98	3.59	2.54
1923	Below Normal	3.68	1.74	2.53	0.64	0.74	5.61	7.38	(10.89)	(21.59)	5.62	6.73	6.83	0.75
1924	Critical	6.65	6.38	5.94	6.20	4.98	2.02	1.87	2.58	(1.54)	(11.03)	(19.08)	(9.13)	(0.35)
1925	Dry	11.56	17.66	24.55	2.31	1.52	(10.75)	(1.32)	(4.91)	(6.32)	(7.16)	(7.35)	(4.01)	1.32
1926	Dry	(3.05)	(2.63)	(2.21)	0.98	0.13	0.68	0.82	2.34	2.34	4.03	4.28	2.42	0.84
1927	Wet	(1.74)	3.74	3.09	0.75	(0.67)	(0.01)	(0.61)	(0.82)	(0.09)	(0.10)	(0.12)	0.20	0.30
1928	Above Normal	0.26	0.13	0.38	0.73	(0.54)	(0.72)	(1.63)	0.22	(9.46)	6.41	4.14	2.29	0.18
1929	Critical	0.64	0.57	(0.24)	(6.25)	(6.13)	(1.81)	1.34	0.55	0.86	(1.39)	(12.56)	(6.27)	(2.56)
1930	Dry	2.81	2.66	15.90	1.59	(0.07)	(0.04)	(0.46)	(0.56)	(2.33)	(0.52)	(0.86)	(0.49)	1.47
1931	Critical	(0.74)	(0.83)	(0.72)	0.18	(0.03)	0.16	0.10	0.14	0.22	0.23	(3.26)	(12.14)	(1.39)
1932	Dry	0.02	5.82	9.10	0.68	0.09	0.24	0.00	0.00	0.95	0.96	(3.18)	5.10	1.65
1933	Critical	0.97	0.97	0.97	1.06	0.03	0.38	0.54	0.69	1.04	1.30	1.77	1.27	0.92
1934	Critical	(0.17)	(0.13)	4.27	0.56	0.20	(0.29)	(0.74)	(1.01)	(1.44)	(1.64)	(3.20)	0.38	(0.27)
1935	Below Normal	5.00	(3.08)	(2.33)	(0.06)	0.04	0.12	0.60	0.83	4.69	1.65	1.54	1.18	0.85
1936	Below Normal	1.02	1.03	1.03	0.91	(0.04)	(2.63)	0.03	0.03	0.99	0.99	1.00	1.00	0.45
1937	Below Normal	0.99	0.98	0.99	(0.01)	(9.96)	0.87	(0.34)	(0.31)	0.63	0.64	0.61	0.64	(0.36)
1938	Wet	0.63	0.66	(0.28)	(13.40)	0.10	0.91	0.42	(7.36)	(5.56)	(4.14)	(5.17)	0.68	(2.71)
1939	Dry	(0.25)	5.15	0.74	0.71	(0.28)	(0.80)	(1.78)	0.49	3.03	0.90	(0.05)	1.01	0.74
1940	Above Normal	1.07	(3.10)	3.39	(0.10)	(0.85)	(0.27)	(0.02)	(0.02)	0.86	0.92	0.93	0.94	0.31
1941	Wet	1.00	1.39	0.72	0.01	0.00	(1.01)	0.00	0.00	0.96	0.96	0.95	0.96	0.50
1942	Wet	0.84	0.80	0.45	(0.01)	(0.03)	(0.18)	(0.09)	(0.24)	0.58	0.58	0.58	0.75	0.34
1943	Wet	0.81	0.76	0.83	0.17	(0.11)	0.36	0.36	(0.22)	0.57	0.56	0.54	0.76	0.45
1944	Dry	0.55	1.04	0.85	(2.03)	(2.70)	(0.91)	(0.06)	(0.07)	0.63	0.59	0.41	0.61	(0.09)
1945	Below Normal	0.58	0.58	0.60	0.67	(0.02)	(4.78)	0.04	0.04	1.01	1.00	1.00	0.55	0.11
1946	Below Normal	1.08	0.99	1.26	0.96	0.00	0.09	0.12	0.15	1.15	1.15	1.16	1.46	0.80
1947	Dry	0.45	1.07	1.06	1.12	0.03	(0.03)	(0.09)	0.01	0.67	0.78	0.72	0.57	0.53
1948	Below Normal	0.50	0.50	0.48	0.20	(0.36)	(0.13)	0.02	0.45	(0.01)	0.09	0.08	0.04	0.16
1949	Dry	(0.01)	0.01	0.02	0.00	0.01	(0.02)	(0.02)	0.00	0.04	0.07	0.06	0.01	0.01
1950	Below Normal	(0.01)	(0.01)	(0.01)	(0.24)	(0.23)	(0.08)	(0.01)	(0.01)	0.54	0.59	0.58	0.55	0.14
1951	Above Normal	0.54	0.57	(0.24)	0.00	0.00	0.00	0.00	0.00	0.95	0.95	0.96	0.96	0.39
1952	Wet	0.96	0.96	0.96	0.96	0.00	0.00	0.00	(1.17)	(1.23)	(0.31)	(0.45)	(0.19)	0.04
1953	Wet	0.63	(0.54)	3.01	0.58	(0.43)	(2.58)	(4.54)	(0.19)	0.78	0.42	0.80	1.05	(0.08)
1954	Above Normal	1.25	0.87	1.34	2.24	1.25	1.01	0.18	0.25	1.47	0.50	0.67	0.54	0.96
1955	Dry	0.44	0.66	0.49	0.48	0.00	(0.03)	(0.16)	(0.22)	(0.15)	(0.19)	(0.17)	(0.04)	0.09
1956	Wet	0.00	0.01	0.04	(6.79)	0.00	0.00	0.02	0.02	0.98	0.98	0.98	0.98	(0.23)
1957	Above Normal	0.97	0.98	0.98	0.96	(0.01)	(0.02)	0.01	0.07	0.90	0.80	0.84	0.95	0.62
1958	Wet	0.97	0.96	0.96	0.91	0.00	(0.06)	0.00	0.00	0.96	0.96	0.96	0.96	0.63
1959	Below Normal	0.95	0.43	0.96	0.95	(0.03)	(0.93)	(0.59)	(0.79)	(3.69)	0.16	0.24	0.58	(0.15)
1960	Dry	0.57	0.65	0.62	0.59	(0.09)	0.06	0.11	0.01	0.82	(0.34)	0.72	(0.44)	0.27
1961	Dry	(0.24)	(0.22)	(0.14)	0.44	0.39	0.16	0.05	0.07	0.10	0.11	0.29	0.00	0.08
1962	Below Normal	(0.01)	0.01	(0.01)	0.00	0.00	0.00	0.00	0.00	0.93	0.93	0.93	0.93	0.31
1963	Wet	0.93	0.93	0.93	0.92	0.00	0.00	0.00	0.00	0.95	0.96	0.96	0.95	0.63
1964	Dry	0.96	0.95	0.86	0.96	0.00	0.05	(0.01)	(0.02)	(0.01)	(0.01)	0.02	0.00	0.31
1965	Wet	0.00	0.01	0.00	0.11	0.05	(0.19)	(0.02)	0.03	0.64	1.14	1.08	1.03	0.32
1966	Below Normal	0.99	0.34	0.98	0.79	(0.17)	(0.08)	0.00	0.01	0.78	0.77	0.76	0.74	0.49
1967	Wet	0.58	0.75	0.74	0.72	(0.01)	0.00	0.02	(0.08)	(0.13)	0.82	0.83	0.89	0.43
1968	Below Normal	0.90	0.35	(0.12)	0.89	(0.07)	0.01	(0.35)	0.02	1.23	1.90	1.19	0.69	0.55
1969	Wet	0.26	0.28	0.14	(5.40)	0.80	(0.01)	(0.14)	(0.16)	(0.20)	0.96	0.96	0.81	(0.14)
1970	Wet	0.86	0.83	0.84	0.00	1.43	(0.03)	(0.55)	0.12	1.11	1.11	1.11	1.16	0.67
1971	Wet	1.08	0.94	1.04	0.96	0.01	0.02	(0.06)	(0.07)	0.29	0.65	0.66	0.70	0.52
1972	Below Normal	0.71	0.68	0.70	0.73	0.03	0.01	0.00	(0.01)	0.00	(0.01)	0.00	0.01	0.24
1973	Above Normal	0.02	0.02	0.02	0.05	0.03	0.06	(0.04)	0.01	0.96	0.97	0.96	0.97	0.34
1974	Wet	0.96	0.96	0.97	0.95	(0.02)	(1.48)	1.06	(0.64)	(0.04)	(0.06)	(0.07)	0.40	0.25
1975	Wet	0.54	0.13	0.61	0.33	(0.30)	(1.01)	0.30	0.34	1.40	1.40	1.41	1.28	0.54
1976	Critical	1.25	1.31	1.20	1.22	0.20	0.03	(0.13)	(0.17)	(0.21)	0.00	(0.30)	(0.22)	0.35
1977	Critical	(0.18)	(0.16)	(0.14)	(0.01)	(0.01)	(0.01)	0.61	0.00	0.00	0.00	(0.01)	(0.01)	0.01
1978	Above Normal	0.00	(0.07)	0.06	0.00	0.01	(0.57)	(0.63)	0.07	1.64	2.84	1.54	0.71	0.47
1979	Below Normal	0.02	(0.99)	(0.32)	(3.72)	(7.75)	(9.30)	2.61	(0.07)	0.73	0.71	0.71	0.93	(1.37)
1980	Above Normal	1.01	1.02	1.02	(1.16)	(0.06)	2.20	(1.48)	(1.16)	(0.31)	10.34	(9.39)	(1.60)	0.04
1981	Dry	(0.08)	0.09	0.21	1.24	(0.28)	2.90	0.54	0.78	5.23	1.38	0.02	1.25	1.11
1982	Wet	1.16	1.12	1.10	0.95	0.07	(0.02)	0.00	0.01	0.97	0.97	0.97	0.96	0.69
1983	Wet	(5.07)	6.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.95	0.96	0.24
1984	Wet	(3.47)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.96	0.96	0.95	0.03
1985	Dry	0.96	0.96	0.96	0.96	0.00	0.00	0.00	0.00	0.70	0.70	0.70	0.70	0.55
1986	Wet	0.71	0.70	0.70	0.70	0.00	(7.55)	1.71	0.02	0.98	0.98	0.24	0.98	0.01
1987	Dry	0.98	1.77	0.97	0.96	0.01	0.01	(0.55)	(0.76)	(1.04)	(1.17)	(0.91)	(0.56)	(0.02)
1988	Critical	(0.36)	(0.28)	(0.19)	(0.07)	(0.04)	(0.02)	0.00	0.00	0.00	(0.06)	0.00	0.00	(0.09)
1989	Dry	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.03)	(0.04)	(0.17)	(0.03)	(0.80)	0.24	(0.07)
1990	Critical	0.19	0.18	0.14	0.00	(0.01)	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.04
1991	Critical	0.01	0.01	0.01	0.00	0.00	0.00	0.00	(0.24)	0.00	(0.15)	0.25	0.05	0.00
1992	Critical	0.03	(0.23)	0.17	0.09	0.00	0.00	(0.01)	0.00	0.00	(0.34)	(0.21)	0.06	(0.04)
1993	Above Normal	0.03	0.02	0.41	0.00	(0.02)	(0.07)	(0.02)	0.01	0.71	1.08	1.04	1.01	0.35
1994	Critical	0.97	0.91	0.96	0.82	(0.12)	(0.05)	0.00	0.00	0.05	0.01	0.03	(0.01)	0.30
1995	Wet	(0.01)	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.96	0.95	0.96	0.95	0.32
1996	Wet	0.97	(0.03)	0.96	(12.70)	(11.04)	(5.21)	(0.75)	(0.90)	(0.27)	(0.28)	(0.29)	0.15	(2.45)
1997	Wet	(0.35)	0.34	0.37	(0.08)	(0.06)	1.51	0.11	0.05	1.01	1.00	1.01	1.01	0.49
1998	Wet	5.48	(3.63)	1.00	1.10	0.00	(0.03)	(0.02)	(2.40)	(3.50)	(3.60)	(2.71)	(1.16)	(0.79)
1999	Wet	12.56	0.96	1.27	0.58	(0.24)	0.00	(1.17)	0.09	1.09	1.09	1.09	1.63	1.58
2000	Above Normal	1.41	0.16	1.02	1.08	0.16	(0.24)	(0.17)	(0.01)	1.01	1.24	1.00	0.84	0.63
2001	Dry	0.68	0.70	0.65	0.06	(0.76)	(0.20)	0.13	0.17	0.41	0.45	0.38	0.30	0.25
2002	Dry	0.25	0.23	0.21	0.18	0.02	(0.02)	(0.09)	(0.11)	(0.12)	(0.13)	(0.13)	(0.09)	0.02
2003	Above Normal	(0.08)	0.59	(0.72)	0.32	0.28	0.11	0.00	(0.01)	0.65	0.65	0.64	0.64	0.26
	Average	0.85	0.84	1.24	(0.03)	(0.37)	(0.41)	0.05	(0.27)	0.01	0.55	(0.09)	0.35	0.23
	Wet	0.82	0.73	0.79	(1.06)	(0.40)	(0.64)	(0.15)	(0.52)	0.16	0.34	0.35	0.76	0.10
	Above Normal	0.54	0.10	0.64	0.61	0.07	0.19	(0.17)	0.20	0.43	2.71	0.78	0.99	0.59
	Below Normal	1.17	0.25	0.48	0.19	(1.27)	(0.80)	0.68	(0.75)	(0.90)	1.16	1.18	1.15	0.21
	Dry	0.92	2.03	3.05	0.62	(0.11)	(0.48)	(0.16)	(0.16)	0.27	0.02	(0.33)	0.37	0.50
	Critical	0.77	0.73	1.03	0.32	(0.08)	0.03	0.30	0.21	(0.08)	(1.09)	(3.05)	(2.17)	(0.26)

Percent Difference in Energy Use (GWh) At Pumping Plant at SWP Dos Amigos: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	43%	5%	4%	6%	9%	13%	13%	13%	11%
1923	Below Normal	13%	5%	12%	2%	2%	17%	30%	-34%	-50%	12%	15%	24%
1924	Critical	23%	35%	38%	55%	44%	20%	14%	15%	-6%	-39%	-92%	-67%
1925	Dry	164%	331%	511%	67%	28%	-52%	-6%	-15%	-14%	-14%	-14%	-14%
1926	Dry	-14%	-14%	-14%	14%	2%	6%	5%	8%	6%	9%	10%	9%
1927	Wet	-10%	24%	24%	11%	-6%	0%	-2%	-2%	0%	0%	0%	1%
1928	Above Normal	1%	0%	2%	3%	-2%	-4%	-5%	1%	-21%	14%	9%	7%
1929	Critical	2%	2%	-1%	-24%	-25%	-13%	12%	3%	4%	-6%	-67%	-51%
1930	Dry	43%	53%	350%	51%	-1%	0%	-2%	-2%	-7%	-1%	-2%	-2%
1931	Critical	-6%	-8%	-8%	3%	0%	2%	1%	1%	1%	1%	-14%	-79%
1932	Dry	0%	92%	163%	16%	1%	2%	0%	0%	3%	2%	-8%	23%
1933	Critical	6%	8%	9%	18%	0%	4%	3%	3%	3%	4%	6%	7%
1934	Critical	-2%	-2%	62%	11%	3%	-4%	-4%	-5%	-5%	-5%	-25%	11%
1935	Below Normal	42%	-16%	-16%	-1%	1%	1%	2%	2%	13%	3%	3%	4%
1936	Below Normal	4%	5%	6%	13%	0%	-7%	0%	0%	2%	2%	2%	2%
1937	Below Normal	3%	4%	4%	0%	-21%	2%	-1%	-1%	1%	1%	1%	2%
1938	Wet	2%	3%	-1%	-28%	0%	2%	2%	-18%	-11%	-8%	-9%	2%
1939	Dry	-1%	16%	3%	2%	-1%	-2%	-6%	1%	10%	2%	0%	3%
1940	Above Normal	4%	-19%	14%	-2%	-14%	-2%	0%	0%	2%	2%	2%	3%
1941	Wet	4%	6%	5%	0%	0%	-3%	0%	0%	2%	2%	2%	3%
1942	Wet	2%	3%	2%	0%	0%	0%	0%	-1%	1%	1%	1%	2%
1943	Wet	2%	2%	4%	1%	0%	1%	1%	-1%	1%	1%	1%	2%
1944	Dry	1%	3%	3%	-8%	-11%	-6%	0%	0%	2%	2%	1%	3%
1945	Below Normal	4%	5%	6%	9%	0%	-10%	0%	0%	2%	2%	2%	1%
1946	Below Normal	4%	4%	4%	3%	0%	0%	0%	0%	3%	3%	3%	4%
1947	Dry	2%	5%	5%	4%	0%	0%	0%	0%	1%	2%	1%	2%
1948	Below Normal	2%	2%	3%	1%	-2%	-1%	0%	2%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-3%	-3%	-1%	0%	0%	3%	1%	1%	2%
1951	Above Normal	2%	3%	-1%	0%	0%	0%	0%	0%	2%	2%	2%	3%
1952	Wet	3%	3%	4%	3%	0%	0%	0%	-4%	-3%	-1%	-1%	-1%
1953	Wet	2%	-2%	8%	2%	-1%	-7%	-14%	-1%	2%	1%	2%	4%
1954	Above Normal	5%	4%	7%	10%	6%	4%	1%	1%	3%	1%	1%	2%
1955	Dry	2%	3%	3%	6%	0%	0%	-1%	-1%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	-18%	0%	0%	0%	0%	2%	2%	2%	3%
1957	Above Normal	3%	3%	4%	3%	0%	0%	0%	0%	8%	2%	2%	3%
1958	Wet	5%	4%	6%	14%	0%	0%	0%	0%	2%	2%	2%	3%
1959	Below Normal	3%	1%	4%	3%	0%	-3%	-2%	-2%	-12%	0%	1%	2%
1960	Dry	2%	3%	4%	9%	-1%	1%	0%	0%	2%	-1%	1%	-1%
1961	Dry	-1%	-1%	-1%	5%	4%	2%	0%	0%	0%	0%	1%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	5%	2%	2%	3%
1963	Wet	4%	5%	6%	6%	0%	0%	0%	0%	2%	2%	2%	3%
1964	Dry	4%	4%	2%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	2%	3%	3%	3%
1966	Below Normal	3%	1%	5%	3%	-1%	0%	0%	0%	2%	2%	2%	3%
1967	Wet	2%	4%	8%	8%	0%	0%	0%	0%	0%	2%	2%	3%
1968	Below Normal	3%	1%	0%	3%	0%	0%	-1%	0%	3%	4%	3%	2%
1969	Wet	1%	1%	1%	-22%	3%	0%	-1%	-1%	0%	2%	2%	2%
1970	Wet	3%	4%	4%	0%	3%	0%	-2%	0%	2%	2%	2%	3%
1971	Wet	3%	4%	5%	3%	0%	0%	0%	0%	1%	1%	2%	2%
1972	Below Normal	3%	4%	5%	10%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	2%	2%	2%	3%
1974	Wet	3%	4%	4%	3%	0%	-4%	3%	-2%	0%	0%	0%	1%
1975	Wet	2%	0%	3%	1%	-1%	-3%	1%	1%	3%	3%	3%	4%
1976	Critical	5%	4%	5%	4%	1%	0%	-1%	-1%	-1%	0%	-1%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	8%	0%	0%	0%	-1%	0%
1978	Above Normal	0%	-1%	0%	0%	0%	-3%	-3%	0%	4%	7%	4%	2%
1979	Below Normal	0%	-3%	-2%	-13%	-25%	-24%	9%	0%	2%	2%	2%	2%
1980	Above Normal	4%	4%	5%	-4%	0%	7%	-7%	-4%	-1%	24%	-15%	-5%
1981	Dry	0%	0%	1%	4%	-1%	12%	2%	2%	22%	3%	0%	4%
1982	Wet	5%	6%	7%	7%	0%	0%	0%	0%	2%	2%	2%	3%
1983	Wet	-14%	14%	0%	0%	0%	0%	0%	0%	0%	0%	2%	4%
1984	Wet	-7%	0%	0%	0%	0%	0%	0%	0%	2%	2%	2%	3%
1985	Dry	3%	4%	3%	3%	0%	0%	0%	0%	2%	2%	1%	2%
1986	Wet	3%	3%	3%	3%	0%	-20%	6%	0%	2%	2%	0%	3%
1987	Dry	3%	7%	4%	3%	0%	0%	-3%	-3%	-3%	-3%	-3%	-3%
1988	Critical	-4%	-4%	-3%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	-1%	1%	0%
1992	Critical	0%	-5%	4%	3%	0%	0%	0%	0%	0%	-3%	-13%	0%
1993	Above Normal	0%	0%	2%	0%	0%	0%	0%	0%	2%	2%	2%	3%
1994	Critical	3%	3%	5%	4%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	2%	2%	2%	3%
1996	Wet	3%	0%	4%	-39%	-33%	-17%	-2%	-2%	-1%	-1%	-1%	0%
1997	Wet	-1%	1%	2%	0%	0%	3%	0%	0%	2%	2%	2%	3%
1998	Wet	18%	-10%	4%	3%	0%	0%	0%	-6%	-7%	-7%	-5%	-3%
1999	Wet	42%	2%	4%	2%	0%	0%	-4%	0%	2%	2%	2%	4%
2000	Above Normal	5%	1%	5%	4%	1%	-1%	-1%	0%	2%	2%	2%	3%
2001	Dry	3%	3%	4%	1%	-7%	-2%	1%	1%	1%	1%	1%	2%
2002	Dry	3%	3%	3%	5%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	3%	-3%	6%	3%	1%	0%	0%	3%	1%	1%	2%
	Average	5%	8%	16%	4%	-1%	-1%	0%	-1%	0%	1%	-2%	0%
	Wet	3%	3%	4%	-2%	-1%	-2%	0%	-1%	0%	1%	1%	2%
	Above Normal	2%	0%	3%	5%	0%	0%	-1%	1%	2%	6%	2%	3%
	Below Normal	6%	1%	2%	2%	-4%	-2%	3%	-2%	-2%	2%	3%	4%
	Dry	12%	28%	58%	10%	1%	-2%	-1%	0%	1%	0%	-1%	2%
	Critical	2%	3%	9%	6%	2%	1%	3%	1%	0%	-4%	-17%	-15%

Energy Use (GWh) At Pumping Plant at SWP San Luis: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.48	0.00	61.88	47.07	23.57	32.54	0.00	0.00	9.43	23.77	25.16	39.35	263.25
1923	Below Normal	9.58	0.00	29.02	0.00	0.00	0.00	0.00	0.00	0.00	11.86	18.74	34.87	104.07
1924	Critical	15.54	13.57	15.38	27.55	9.44	0.00	0.00	0.00	0.00	49.07	0.00	0.00	130.55
1925	Dry	16.11	28.65	54.99	48.79	28.52	31.08	0.00	0.00	0.00	13.96	0.00	38.27	260.37
1926	Dry	7.44	7.11	14.83	40.54	9.13	0.00	0.00	0.00	0.00	19.49	0.00	2.27	100.81
1927	Wet	0.00	71.98	36.59	26.25	41.86	9.48	0.00	0.00	0.00	19.41	21.34	35.83	262.74
1928	Above Normal	0.00	0.00	74.05	0.00	0.00	35.90	0.00	0.00	0.00	11.04	12.88	30.15	164.02
1929	Critical	4.89	0.00	31.31	0.00	0.00	16.16	0.00	0.00	0.00	0.00	0.00	0.00	52.36
1930	Dry	3.99	4.47	43.99	33.41	27.16	25.43	0.00	0.00	0.00	35.80	0.00	59.05	233.30
1931	Critical	4.93	4.53	4.72	44.04	18.58	0.00	0.00	0.00	0.00	5.17	0.00	0.00	81.97
1932	Dry	0.17	7.78	101.14	50.84	57.80	55.56	0.00	0.00	0.00	35.81	9.21	0.00	318.31
1933	Critical	6.03	5.66	16.05	36.30	73.34	5.65	0.00	0.00	0.00	0.00	0.00	0.00	143.03
1934	Critical	0.00	2.13	54.40	98.47	61.85	6.96	0.00	0.00	0.00	0.00	0.00	0.33	224.14
1935	Below Normal	0.19	8.53	26.99	47.36	29.95	20.66	0.00	0.00	0.00	6.29	15.69	33.37	189.03
1936	Below Normal	8.40	5.98	18.22	22.13	132.31	58.16	0.00	0.00	0.00	17.35	19.13	16.50	298.18
1937	Below Normal	19.08	0.00	69.40	26.04	42.11	0.72	0.00	0.00	0.00	13.63	0.00	0.00	170.98
1938	Wet	25.04	62.22	65.55	34.87	0.10	0.57	0.00	23.88	3.17	3.48	2.82	2.04	223.74
1939	Dry	0.00	0.00	58.50	0.00	0.00	0.00	0.00	0.00	0.00	3.55	0.00	22.34	84.39
1940	Above Normal	0.00	0.00	2.91	23.61	36.36	64.61	0.00	0.00	0.00	1.47	8.46	26.69	164.11
1941	Wet	5.19	0.00	31.34	40.64	105.42	66.48	0.00	0.00	0.00	22.70	23.82	33.42	329.01
1942	Wet	0.00	0.00	29.72	8.71	3.82	0.00	0.00	0.00	0.00	20.38	18.67	20.01	101.31
1943	Wet	0.00	0.00	20.63	35.87	19.47	66.10	0.00	0.00	0.00	5.51	8.15	19.37	175.10
1944	Dry	0.00	0.00	62.21	2.38	6.72	6.33	0.00	0.00	0.00	21.88	7.82	0.00	107.34
1945	Below Normal	2.89	66.17	45.15	44.88	53.55	16.11	0.00	0.00	0.00	17.64	19.02	18.92	284.33
1946	Below Normal	32.36	60.46	32.83	0.00	0.00	0.00	0.00	0.00	0.00	19.05	18.08	24.11	186.89
1947	Dry	26.29	32.70	30.96	0.00	0.00	0.00	0.00	0.00	0.00	8.20	0.00	24.63	122.78
1948	Below Normal	13.74	10.39	0.00	0.00	0.00	14.53	0.00	0.00	0.42	8.33	15.80	28.73	91.94
1949	Dry	6.32	4.80	38.58	39.70	36.91	8.16	0.00	0.00	0.00	9.48	0.00	24.75	168.70
1950	Below Normal	0.00	0.00	0.00	18.89	20.36	34.32	0.00	0.00	0.00	7.31	15.29	29.32	125.49
1951	Above Normal	35.37	71.17	103.02	0.00	0.11	0.71	0.00	0.00	0.00	5.73	12.34	23.56	252.01
1952	Wet	0.00	13.37	20.78	3.15	0.00	81.11	0.00	0.00	13.42	22.02	28.24	30.23	212.32
1953	Wet	0.00	0.00	48.22	0.00	0.00	0.00	0.00	0.00	0.00	16.74	21.14	36.40	122.50
1954	Above Normal	0.00	0.00	78.04	0.00	0.00	8.24	0.00	0.00	0.00	0.52	12.61	27.21	126.62
1955	Dry	5.36	11.90	83.27	45.83	28.80	13.48	0.00	0.00	0.00	21.43	0.00	19.40	229.47
1956	Wet	0.00	30.79	75.94	72.57	0.09	0.71	0.00	0.00	0.00	10.86	11.12	13.05	215.13
1957	Above Normal	0.00	0.00	63.89	0.00	0.00	0.00	0.00	0.00	0.47	3.83	15.06	28.18	111.43
1958	Wet	57.23	12.98	32.82	30.14	29.56	46.94	0.00	0.00	0.00	3.59	4.89	26.59	244.74
1959	Below Normal	0.00	0.00	64.93	0.00	0.00	0.00	0.00	0.00	0.00	5.76	11.79	29.50	111.98
1960	Dry	6.46	4.34	6.58	36.63	19.24	18.49	0.00	0.00	0.00	1.49	0.00	22.58	115.81
1961	Dry	0.00	13.76	71.67	35.06	9.76	35.51	0.00	0.00	0.00	14.15	0.00	0.28	180.19
1962	Below Normal	0.18	0.05	0.00	25.50	34.72	35.59	0.00	0.00	0.00	8.35	13.37	27.12	144.88
1963	Wet	54.15	68.91	28.54	9.16	7.14	9.63	0.00	0.00	0.00	23.70	25.61	39.35	266.19
1964	Dry	13.24	63.20	17.81	0.00	0.10	0.00	0.00	0.00	0.00	14.33	0.00	25.18	133.86
1965	Wet	0.00	0.50	16.67	29.74	0.05	16.76	0.00	0.00	0.00	16.84	18.83	27.82	127.21
1966	Below Normal	0.00	13.32	82.99	0.00	0.00	0.00	0.00	0.00	0.00	6.82	13.62	32.13	148.88
1967	Wet	0.00	20.44	42.50	43.76	26.86	38.18	0.00	0.00	16.54	15.09	17.00	35.89	256.26
1968	Below Normal	11.14	0.00	73.43	0.00	0.00	0.00	0.00	0.00	0.00	12.19	16.20	35.56	148.52
1969	Wet	21.33	25.46	88.80	24.61	0.08	0.65	0.00	12.49	3.12	3.66	3.19	2.21	185.60
1970	Wet	1.16	0.00	31.22	19.08	0.14	0.74	0.00	0.00	0.00	21.03	17.50	0.00	90.87
1971	Wet	0.00	34.42	19.43	0.00	0.00	7.04	0.00	0.00	0.00	9.43	17.35	32.62	120.29
1972	Below Normal	6.38	0.00	83.97	38.56	0.00	0.00	0.00	0.00	0.00	8.34	16.15	34.77	188.17
1973	Above Normal	19.82	67.76	30.26	26.46	23.23	8.39	0.00	0.00	0.00	15.64	16.62	10.38	218.56
1974	Wet	32.39	60.23	30.49	0.00	0.00	29.41	0.00	0.00	0.00	14.30	13.27	21.68	201.77
1975	Wet	12.54	0.00	71.26	0.00	0.00	22.28	0.00	0.00	0.00	13.78	14.94	25.77	160.57
1976	Critical	37.97	0.00	70.87	0.00	0.00	6.27	0.00	0.00	0.00	5.35	0.00	27.36	147.82
1977	Critical	4.55	0.00	0.00	11.30	0.00	0.00	0.00	0.34	0.49	0.48	0.44	0.29	17.89
1978	Above Normal	0.19	0.05	0.01	27.99	52.40	40.45	0.00	0.00	9.28	26.98	28.55	41.89	227.79
1979	Below Normal	2.11	0.00	81.15	5.71	17.93	0.65	0.00	0.00	0.00	19.94	21.90	0.00	149.39
1980	Above Normal	21.75	0.95	77.73	44.92	0.13	0.65	0.00	0.00	0.00	26.18	0.00	0.00	172.31
1981	Dry	5.25	0.00	69.05	0.00	0.00	0.00	0.00	0.00	0.00	5.39	0.00	26.50	106.19
1982	Wet	4.75	58.69	27.28	36.66	100.77	14.95	1.33	0.00	0.00	6.48	7.70	30.73	289.34
1983	Wet	36.83	0.22	0.02	0.00	0.12	0.67	1.24	2.54	2.78	3.50	3.35	2.48	53.75
1984	Wet	1.48	0.35	0.04	0.00	0.10	0.84	0.00	0.00	0.00	14.68	15.85	22.71	56.05
1985	Dry	9.35	58.32	55.62	0.00	0.00	0.00	0.00	0.00	0.00	17.89	0.00	29.79	170.97
1986	Wet	20.15	40.85	29.75	0.00	84.28	39.35	0.00	0.00	0.00	18.74	0.00	33.63	266.75
1987	Dry	0.65	0.00	67.10	0.00	0.00	0.00	0.00	0.00	0.00	3.96	0.00	0.63	72.34
1988	Critical	0.00	0.00	33.06	28.33	0.00	9.52	0.00	0.00	0.00	23.89	0.00	0.00	94.80
1989	Dry	0.00	24.95	37.37	45.99	5.61	3.56	0.00	0.00	0.00	1.94	0.00	27.73	147.15
1990	Critical	5.00	0.00	14.66	33.29	14.70	0.00	0.00	0.00	0.00	36.38	0.00	0.00	104.03
1991	Critical	0.00	0.00	7.76	0.00	6.59	3.55	0.00	0.00	0.42	36.29	0.00	0.00	54.61
1992	Critical	0.00	0.00	8.70	10.09	11.51	19.63	0.00	0.00	0.00	0.00	0.46	0.33	50.72
1993	Above Normal	0.20	0.05	13.19	32.28	31.48	20.58	0.00	0.00	0.00	11.34	15.30	26.52	150.94
1994	Critical	6.55	0.00	72.45	8.85	7.01	2.01	0.00	0.00	0.00	14.72	0.00	0.31	111.90
1995	Wet	0.18	0.03	0.00	30.77	27.27	91.90	0.00	22.33	2.97	4.38	11.27	30.67	221.77
1996	Wet	0.00	0.00	11.28	0.00	51.13	53.87	0.00	0.00	0.00	13.94	14.59	26.53	171.34
1997	Wet	0.00	0.00	76.40	72.50	66.39	28.80	0.00	0.00	0.00	1.40	12.44	29.97	287.90
1998	Wet	0.00	0.00	67.23	0.00	56.46	58.11	0.00	0.00	3.25	7.51	11.46	32.60	236.62
1999	Wet	48.47	0.29	0.00	0.00	8.12	0.56	0.00	0.00	0.00	20.57	22.30	0.00	100.31
2000	Above Normal	0.00	0.00	67.06	0.00	17.07	46.59	0.00	0.00	0.00	3.85	12.35	27.31	174.23
2001	Dry	0.00	0.00	77.48	33.40	23.09	28.26	0.00	0.00	0.00	9.38	0.00	11.64	183.25
2002	Dry	0.00	29.85	51.27	37.23	45.48	15.86	0.00	0.00	0.00	14.51	0.00	24.69	218.89
2003	Above Normal	0.00	0.00	3.76	23.89	30.09	26.40	0.00	0.00	0.00	11.49	19.19	31.89	146.71
	Average	8.42	13.71	40.95	21.00	20.44	17.83	0.03	0.75	0.80	12.96	9.49	20.22	166.61
	Wet	12.34	19.30	34.71	19.94	24.20	26.35	0.10	2.36	1.74	12.84	14.11	23.52	191.51
	Above Normal	6.48	11.67	47.98	18.85	17.87	23.76	0.00	0.00	1.60	11.82	14.88	26.09	181.00
	Below Normal	7.58	11.78	43.43	16.36	23.64	12.91	0.00	0.00	0.03	11.63	15.34	24.64	167.34
	Dry	5.59	16.21	52.36	24.99	16.57	13.43	0.00	0.00	0.00	14.04	0.95	19.99	164.12
	Critical	7.12	2.16	27.45	24.85	16.92	5.81	0.00	0.03	0.08	14.28	0.08	2.39	101.15

Energy Use (GWh) At Pumping Plant at SWP San Luis: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.48	0.00	61.88	40.25	21.91	30.25	0.00	0.00	0.00	12.08	11.58	25.87	204.30
1923	Below Normal	4.76	0.00	23.56	0.00	0.00	0.00	0.00	0.00	0.42	5.30	10.21	22.11	66.36
1924	Critical	17.67	1.92	40.35	6.38	0.00	0.00	0.00	0.00	0.00	0.50	0.42	0.31	67.55
1925	Dry	0.16	0.04	4.37	30.11	19.50	46.97	0.00	0.00	0.00	18.62	0.00	33.73	153.50
1926	Dry	4.52	4.80	18.78	36.30	8.21	0.00	0.00	0.00	0.00	10.13	0.00	0.06	82.80
1927	Wet	0.00	45.73	27.65	22.06	38.00	7.99	0.00	0.00	0.00	14.61	15.95	26.55	198.54
1928	Above Normal	0.00	0.00	69.04	0.00	0.00	34.13	0.00	0.00	0.00	2.30	6.73	22.27	134.47
1929	Critical	3.44	0.00	25.36	11.18	8.54	18.17	0.00	0.00	0.00	0.00	0.48	0.34	67.51
1930	Dry	0.22	0.06	13.66	28.35	25.06	23.43	0.00	0.00	0.00	32.67	0.00	50.64	174.09
1931	Critical	4.33	3.96	6.15	42.07	17.80	0.00	0.00	0.00	0.00	7.16	0.00	0.28	81.75
1932	Dry	0.17	0.05	77.25	47.00	54.98	52.48	0.00	0.00	0.00	34.71	45.91	0.88	313.43
1933	Critical	0.00	0.00	16.29	60.87	86.38	4.71	0.00	0.00	0.00	0.00	0.00	0.00	168.25
1934	Critical	0.00	0.09	44.60	95.95	60.35	7.15	0.00	0.00	0.00	0.00	0.00	0.33	208.47
1935	Below Normal	0.19	12.38	30.99	47.70	30.03	20.49	0.00	0.00	0.00	4.84	14.21	31.51	192.34
1936	Below Normal	8.49	6.10	17.76	21.84	131.13	62.60	0.00	0.00	0.00	16.92	18.68	16.84	300.36
1937	Below Normal	18.64	0.00	67.77	0.76	67.43	0.72	0.00	0.00	0.00	13.83	0.00	0.00	169.15
1938	Wet	24.84	60.63	42.62	47.49	8.93	0.57	0.00	0.00	16.22	14.99	16.06	19.84	252.19
1939	Dry	0.00	0.00	53.11	0.00	0.00	0.00	0.00	0.00	0.00	3.48	0.00	22.16	78.75
1940	Above Normal	0.00	0.00	0.01	25.46	38.23	65.81	0.00	0.00	0.00	1.47	8.43	26.62	166.03
1941	Wet	5.21	0.00	31.04	40.51	102.48	68.55	0.00	0.00	0.00	22.56	23.71	33.29	327.35
1942	Wet	0.00	0.00	29.67	2.79	2.08	0.00	0.00	0.00	0.00	19.73	18.80	26.53	99.60
1943	Wet	0.00	0.00	20.99	16.87	18.35	63.73	0.00	0.00	0.00	5.39	8.01	17.64	150.98
1944	Dry	0.00	0.00	54.12	9.44	13.25	8.63	0.00	0.00	0.00	22.03	9.18	0.00	116.65
1945	Below Normal	3.05	67.01	45.51	45.12	45.89	20.60	0.00	0.00	0.00	17.53	18.86	19.66	283.23
1946	Below Normal	32.57	60.16	32.01	0.00	0.00	0.00	0.00	0.00	0.00	18.63	17.77	23.20	184.34
1947	Dry	26.07	32.49	30.65	0.00	0.00	0.00	0.00	0.00	0.00	7.97	0.00	24.60	121.78
1948	Below Normal	13.84	10.45	0.00	0.00	0.00	14.80	0.00	0.00	0.42	8.22	15.69	28.66	92.08
1949	Dry	6.32	4.81	38.53	39.71	36.89	8.22	0.00	0.00	0.00	9.40	0.00	24.73	168.61
1950	Below Normal	0.00	0.00	0.00	19.38	20.81	34.46	0.00	0.00	0.00	7.28	15.28	29.35	126.56
1951	Above Normal	35.39	71.19	103.01	0.00	0.11	0.71	0.00	0.00	0.00	5.74	12.34	23.56	252.05
1952	Wet	0.00	13.38	20.78	2.53	0.00	80.56	0.00	0.00	1.96	23.67	29.92	40.43	213.23
1953	Wet	0.00	0.00	43.87	0.00	0.00	0.00	0.00	0.00	0.00	17.76	22.01	38.75	122.39
1954	Above Normal	0.00	0.00	78.16	0.00	0.00	6.17	0.00	0.00	0.00	0.39	12.29	26.99	124.00
1955	Dry	5.39	11.72	83.01	45.59	28.71	13.54	0.00	0.00	0.00	22.01	0.00	18.29	228.26
1956	Wet	0.00	31.02	61.03	87.25	0.08	0.71	0.00	0.00	0.00	10.82	11.07	13.40	215.38
1957	Above Normal	0.00	0.00	63.86	0.00	0.00	0.00	0.00	0.00	0.47	3.95	15.13	28.14	111.55
1958	Wet	57.18	12.88	32.70	30.13	29.56	47.07	0.00	0.00	0.00	3.52	4.82	26.26	244.12
1959	Below Normal	0.00	0.00	64.20	0.00	0.00	0.00	0.00	0.00	0.00	6.36	12.33	29.74	112.63
1960	Dry	6.37	4.22	6.40	36.93	19.51	18.42	0.00	0.00	0.00	1.89	0.00	23.10	116.84
1961	Dry	0.00	14.11	72.09	34.19	8.86	35.19	0.00	0.00	0.00	14.04	0.00	0.28	178.76
1962	Below Normal	0.18	0.05	0.00	25.50	34.72	35.59	0.00	0.00	0.00	8.35	13.37	27.12	144.88
1963	Wet	54.15	68.91	28.54	9.16	7.13	9.61	0.00	0.00	0.00	23.69	25.61	39.34	266.14
1964	Dry	13.25	63.21	17.80	0.00	0.10	0.00	0.00	0.00	0.00	14.36	0.00	25.21	133.93
1965	Wet	0.00	0.52	16.72	28.42	0.00	16.94	0.00	0.00	0.00	16.53	18.64	27.72	125.49
1966	Below Normal	0.00	13.26	82.93	0.00	0.00	0.00	0.00	0.00	0.00	6.82	13.61	32.13	148.75
1967	Wet	0.15	20.46	42.52	43.86	26.89	38.10	0.00	0.00	9.45	14.83	16.69	34.83	247.78
1968	Below Normal	9.84	0.00	74.74	0.00	0.00	0.00	0.00	0.00	0.00	10.70	15.35	34.33	144.96
1969	Wet	15.10	26.55	88.83	27.60	14.77	0.65	0.00	18.82	3.12	3.66	3.19	2.21	204.50
1970	Wet	1.17	0.00	31.64	18.46	0.14	0.74	0.00	0.00	0.00	21.98	17.28	0.00	91.41
1971	Wet	0.00	34.22	19.24	0.00	0.00	6.99	0.00	0.00	0.00	9.49	17.41	32.68	120.03
1972	Below Normal	6.38	0.00	84.01	38.52	0.00	0.00	0.00	0.00	0.00	8.37	16.17	34.81	188.26
1973	Above Normal	19.84	67.77	30.26	26.38	23.16	8.25	0.00	0.00	0.00	15.39	16.37	10.28	217.70
1974	Wet	31.82	59.47	30.07	0.00	0.00	11.77	0.00	0.00	0.00	14.23	14.03	28.93	190.32
1975	Wet	14.05	0.00	72.16	0.00	0.00	24.12	0.00	0.00	0.00	13.32	14.45	25.41	163.51
1976	Critical	38.44	0.00	70.39	0.00	0.00	6.19	0.00	0.00	0.00	5.35	0.00	27.67	148.04
1977	Critical	4.62	0.00	0.00	11.28	0.00	0.00	0.00	0.34	0.49	0.48	0.44	0.29	17.94
1978	Above Normal	0.19	0.05	0.01	27.93	46.72	31.83	0.00	0.00	0.00	20.65	21.96	35.90	185.24
1979	Below Normal	3.61	0.00	79.88	15.74	34.67	21.99	0.00	0.00	0.00	20.16	20.69	8.73	205.47
1980	Above Normal	34.28	0.92	78.07	10.02	11.10	0.65	0.00	0.00	0.00	7.34	0.00	0.00	142.38
1981	Dry	8.64	0.00	72.90	0.00	0.00	0.00	0.00	0.00	0.00	4.79	0.00	26.05	112.38
1982	Wet	4.86	57.81	26.75	36.39	98.75	18.84	1.33	0.00	0.00	6.30	7.51	30.06	288.60
1983	Wet	51.10	0.21	0.02	0.00	0.12	0.67	1.24	2.54	2.78	3.50	3.35	2.48	68.01
1984	Wet	1.48	0.35	0.04	0.00	0.10	0.84	0.00	0.00	0.00	14.68	15.85	22.73	56.07
1985	Dry	9.34	58.31	55.62	0.00	0.00	0.00	0.00	0.00	0.00	17.89	0.00	29.79	170.95
1986	Wet	20.14	40.85	29.75	0.00	46.97	78.10	0.00	0.00	0.00	18.38	0.00	15.84	250.03
1987	Dry	0.00	0.00	66.40	0.00	0.00	0.00	0.00	0.00	0.00	3.72	0.00	1.37	71.49
1988	Critical	0.00	0.32	33.21	28.54	0.00	9.58	0.00	0.00	0.00	24.00	0.00	0.00	95.65
1989	Dry	0.00	24.99	37.43	46.02	5.62	3.59	0.00	0.00	0.00	1.98	0.00	27.46	147.09
1990	Critical	4.99	0.00	14.88	33.28	14.69	0.00	0.00	0.00	0.00	36.33	0.00	0.00	104.17
1991	Critical	0.00	0.00	7.75	0.00	6.57	3.54	0.00	0.00	0.42	36.48	0.00	0.00	54.76
1992	Critical	0.00	0.00	8.51	9.83	11.47	19.55	0.00	0.00	0.00	0.00	0.46	0.33	50.15
1993	Above Normal	0.20	0.05	12.70	32.24	31.53	20.68	0.00	0.00	0.00	11.18	15.19	26.43	150.20
1994	Critical	6.51	0.00	72.42	9.12	7.26	2.12	0.00	0.00	0.00	14.72	0.00	0.31	112.46
1995	Wet	0.18	0.03	0.00	30.75	27.21	90.95	0.00	0.00	0.00	3.95	8.89	24.29	186.25
1996	Wet	0.00	0.00	9.22	7.04	73.41	57.73	0.00	0.00	0.00	15.02	15.98	27.67	206.07
1997	Wet	0.00	0.00	77.65	72.81	66.78	24.06	0.00	0.00	0.00	10.19	12.46	31.00	294.95
1998	Wet	0.00	0.00	67.13	0.00	56.24	57.68	0.00	0.00	10.33	14.66	18.66	37.26	261.96
1999	Wet	25.49	0.29	0.00	0.00	5.70	0.56	0.00	0.00	0.00	20.35	22.06	0.00	74.45
2000	Above Normal	0.00	0.00	66.85	0.00	15.75	46.09	0.00	0.00	0.00	3.41	12.18	27.07	171.35
2001	Dry	0.00	0.00	74.67	35.16	24.83	28.76	0.00	0.00	0.00	11.65	0.00	11.44	186.51
2002	Dry	0.00	29.56	51.11	37.11	45.34	15.86	0.00	0.00	0.00	14.66	0.00	26.31	219.95
2003	Above Normal	0.00	0.00	4.80	23.30	29.52	26.17	0.00	0.00	0.00	11.49	19.20	31.90	146.38
	Average	8.04	12.65	38.91	20.23	20.86	18.48	0.03	0.26	0.56	11.92	9.67	19.81	161.42
	Wet	11.80	18.20	32.72	20.16	23.99	27.21	0.10	0.82	1.69	13.76	14.71	24.04	189.21
	Above Normal	7.53	11.67	47.39	15.47	18.17	22.56	0.00	0.00	0.04	7.95	12.62	23.75	167.14
	Below Normal	7.25	12.10	43.10	15.33	26.05	15.09	0.00	0.00	0.06	10.95	14.44	24.16	168.53
	Dry	4.47	13.80	45.99	23.66	16.16	14.17	0.00	0.00	0.00	13.67	3.06	19.23	154.21
	Critical	6.67	0.52	28.33	25.71	17.76	5.92	0.00	0.03	0.08	10.42	0.15	2.49	98.06

Difference in Energy Use (GWh) At Pumping Plant at SWP San Luis: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	(6.82)	(1.66)	(2.29)	0.00	0.00	(9.43)	(11.69)	(13.58)	(13.48)	(4.91)
1923	Below Normal	(4.82)	0.00	(5.46)	0.00	0.00	0.00	0.00	0.00	0.42	(6.56)	(8.53)	(12.76)	(3.14)
1924	Critical	2.13	(11.65)	24.97	(21.17)	(9.44)	0.00	0.00	0.00	0.00	(48.57)	0.42	0.31	(5.25)
1925	Dry	(15.95)	(28.61)	(50.62)	(18.68)	(9.02)	15.89	0.00	0.00	0.00	4.66	0.00	(4.54)	(8.91)
1926	Dry	(2.92)	(2.31)	3.95	(4.24)	(0.92)	0.00	0.00	0.00	0.00	(9.36)	0.00	(2.21)	(1.50)
1927	Wet	0.00	(26.25)	(8.94)	(4.19)	(3.86)	(1.49)	0.00	0.00	0.00	(4.80)	(5.39)	(9.28)	(5.35)
1928	Above Normal	0.00	0.00	(5.01)	0.00	0.00	(1.77)	0.00	0.00	0.00	(8.74)	(6.15)	(7.88)	(2.46)
1929	Critical	(1.45)	0.00	(5.95)	11.18	8.54	2.01	0.00	0.00	0.00	0.00	0.48	0.34	1.26
1930	Dry	(3.77)	(4.41)	(30.33)	(5.06)	(2.10)	(2.00)	0.00	0.00	0.00	(3.13)	0.00	(8.41)	(4.93)
1931	Critical	(0.60)	(0.57)	1.43	(1.97)	(0.78)	0.00	0.00	0.00	0.00	1.99	0.00	0.28	(0.02)
1932	Dry	0.00	(7.73)	(23.89)	(3.84)	(2.82)	(3.08)	0.00	0.00	0.00	(1.10)	36.70	0.88	(0.41)
1933	Critical	(6.03)	(5.66)	0.24	24.57	13.04	(0.94)	0.00	0.00	0.00	0.00	0.00	0.00	2.10
1934	Critical	0.00	(2.04)	(9.80)	(2.52)	(1.50)	0.19	0.00	0.00	0.00	0.00	0.00	0.00	(1.31)
1935	Below Normal	0.00	3.85	4.00	0.34	0.08	(0.17)	0.00	0.00	0.00	(1.45)	(1.48)	(1.86)	0.28
1936	Below Normal	0.09	0.12	(0.46)	(0.29)	(1.18)	4.44	0.00	0.00	0.00	(0.43)	(0.45)	0.34	0.18
1937	Below Normal	(0.44)	0.00	(1.63)	(25.28)	25.32	0.00	0.00	0.00	0.00	0.20	0.00	0.00	(0.15)
1938	Wet	(0.20)	(1.59)	(22.93)	12.62	8.83	0.00	0.00	(23.88)	13.05	11.51	13.24	17.80	2.37
1939	Dry	0.00	0.00	(5.39)	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	0.00	(0.18)	(0.47)
1940	Above Normal	0.00	0.00	(2.90)	1.85	1.87	1.20	0.00	0.00	0.00	0.00	(0.03)	(0.07)	0.16
1941	Wet	0.02	0.00	(0.30)	(0.13)	(2.94)	2.07	0.00	0.00	0.00	(0.14)	(0.11)	(0.13)	(0.14)
1942	Wet	0.00	0.00	(0.05)	(5.92)	(1.74)	0.00	0.00	0.00	0.00	(0.65)	0.13	6.52	(0.14)
1943	Wet	0.00	0.00	0.36	(19.00)	(1.12)	(2.37)	0.00	0.00	0.00	(0.12)	(0.14)	(1.73)	(2.01)
1944	Dry	0.00	0.00	(8.09)	7.06	6.53	2.30	0.00	0.00	0.00	0.15	1.36	0.00	0.78
1945	Below Normal	0.16	0.84	0.36	0.24	(7.66)	4.49	0.00	0.00	0.00	(0.11)	(0.16)	0.74	(0.09)
1946	Below Normal	0.21	(0.30)	(0.82)	0.00	0.00	0.00	0.00	0.00	0.00	(0.42)	(0.31)	(0.91)	(0.21)
1947	Dry	(0.22)	(0.21)	(0.31)	0.00	0.00	0.00	0.00	0.00	0.00	(0.23)	0.00	(0.03)	(0.08)
1948	Below Normal	0.10	0.06	0.00	0.00	0.00	0.27	0.00	0.00	0.00	(0.11)	(0.11)	(0.07)	0.01
1949	Dry	0.00	0.01	(0.05)	0.01	(0.02)	0.06	0.00	0.00	0.00	(0.08)	0.00	(0.02)	(0.01)
1950	Below Normal	0.00	0.00	0.00	0.49	0.45	0.14	0.00	0.00	0.00	(0.03)	(0.01)	0.03	0.09
1951	Above Normal	0.02	0.02	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1952	Wet	0.00	0.01	0.00	(0.62)	0.00	(0.55)	0.00	0.00	(11.46)	1.65	1.68	10.20	0.08
1953	Wet	0.00	0.00	(4.35)	0.00	0.00	0.00	0.00	0.00	0.00	1.02	0.87	2.35	(0.01)
1954	Above Normal	0.00	0.00	0.12	0.00	0.00	(2.07)	0.00	0.00	0.00	(0.13)	(0.32)	(0.22)	(0.22)
1955	Dry	0.03	(0.18)	(0.26)	(0.24)	(0.09)	0.06	0.00	0.00	0.00	0.58	0.00	(1.11)	(0.10)
1956	Wet	0.00	0.23	(14.91)	14.68	(0.01)	0.00	0.00	0.00	0.00	(0.04)	(0.05)	0.35	0.02
1957	Above Normal	0.00	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.07	(0.04)	0.01
1958	Wet	(0.05)	(0.10)	(0.12)	(0.01)	0.00	0.13	0.00	0.00	0.00	(0.07)	(0.07)	(0.33)	(0.05)
1959	Below Normal	0.00	0.00	(0.73)	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.54	0.24	0.05
1960	Dry	(0.09)	(0.12)	(0.18)	0.30	0.27	(0.07)	0.00	0.00	0.00	0.40	0.00	0.52	0.09
1961	Dry	0.00	0.35	0.42	(0.87)	(0.90)	(0.32)	0.00	0.00	0.00	(0.11)	0.00	0.00	(0.12)
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	(0.01)	(0.02)	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00
1964	Dry	0.01	0.01	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.01
1965	Wet	0.00	0.02	0.05	(1.32)	(0.05)	0.18	0.00	0.00	0.00	(0.31)	(0.19)	(0.10)	(0.14)
1966	Below Normal	0.00	(0.06)	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)
1967	Wet	0.15	0.02	0.02	0.10	0.03	(0.08)	0.00	0.00	(7.09)	(0.26)	(0.31)	(1.06)	(0.71)
1968	Below Normal	(1.30)	0.00	1.31	0.00	0.00	0.00	0.00	0.00	0.00	(1.49)	(0.85)	(1.23)	(0.30)
1969	Wet	(6.23)	1.09	0.03	2.99	14.69	0.00	0.00	6.33	0.00	0.00	0.00	0.00	1.58
1970	Wet	0.01	0.00	0.42	(0.62)	0.00	0.00	0.00	0.00	0.00	0.95	(0.22)	0.00	0.05
1971	Wet	0.00	(0.20)	(0.19)	0.00	0.00	(0.05)	0.00	0.00	0.00	0.06	0.06	0.06	(0.02)
1972	Below Normal	0.00	0.00	0.04	(0.04)	0.00	0.00	0.00	0.00	0.00	0.03	0.02	0.04	0.01
1973	Above Normal	0.02	0.01	0.00	(0.08)	(0.07)	(0.14)	0.00	0.00	0.00	(0.25)	(0.25)	(0.10)	(0.07)
1974	Wet	(0.57)	(0.76)	(0.42)	0.00	0.00	(17.64)	0.00	0.00	0.00	(0.07)	0.76	7.25	(0.95)
1975	Wet	1.51	0.00	0.90	0.00	0.00	1.84	0.00	0.00	0.00	(0.46)	(0.49)	(0.36)	0.25
1976	Critical	0.47	0.00	(0.48)	0.00	0.00	(0.08)	0.00	0.00	0.00	0.00	0.00	0.31	0.02
1977	Critical	0.07	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	(0.06)	(5.68)	(8.62)	0.00	0.00	(9.28)	(6.33)	(6.59)	(5.99)	(3.55)
1979	Below Normal	1.50	0.00	(1.27)	10.03	16.74	21.34	0.00	0.00	0.00	0.22	(1.21)	8.73	4.67
1980	Above Normal	12.53	(0.03)	0.34	(34.90)	10.97	0.00	0.00	0.00	0.00	(18.84)	0.00	0.00	(2.49)
1981	Dry	3.39	0.00	3.85	0.00	0.00	0.00	0.00	0.00	0.00	(0.60)	0.00	(0.45)	0.52
1982	Wet	0.11	(0.88)	(0.53)	(0.27)	(2.02)	3.89	0.00	0.00	0.00	(0.18)	(0.19)	(0.67)	(0.06)
1983	Wet	14.27	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.19
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
1985	Dry	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	(0.01)	0.00	0.00	0.00	(37.31)	38.75	0.00	0.00	0.00	(0.36)	0.00	(17.79)	(1.39)
1987	Dry	(0.65)	0.00	(0.70)	0.00	0.00	0.00	0.00	0.00	0.00	(0.24)	0.00	0.74	(0.07)
1988	Critical	0.00	0.32	0.15	0.21	0.00	0.06	0.00	0.00	0.00	0.11	0.00	0.00	0.07
1989	Dry	0.00	0.04	0.06	0.03	0.01	0.03	0.00	0.00	0.00	0.04	0.00	(0.27)	0.00
1990	Critical	(0.01)	0.00	0.22	(0.01)	(0.01)	0.00	0.00	0.00	0.00	(0.05)	0.00	0.00	0.01
1991	Critical	0.00	0.00	(0.01)	0.00	(0.02)	(0.01)	0.00	0.00	0.00	0.19	0.00	0.00	0.01
1992	Critical	0.00	0.00	(0.19)	(0.26)	(0.04)	(0.08)	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)
1993	Above Normal	0.00	0.00	(0.49)	(0.04)	0.05	0.10	0.00	0.00	0.00	(0.16)	(0.11)	(0.09)	(0.06)
1994	Critical	(0.04)	0.00	(0.03)	0.27	0.25	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.05
1995	Wet	0.00	0.00	0.00	(0.02)	(0.06)	(0.95)	0.00	(22.33)	(2.97)	(0.43)	(2.38)	(6.38)	(2.96)
1996	Wet	0.00	0.00	(2.06)	7.04	22.28	3.86	0.00	0.00	0.00	1.08	1.39	1.14	2.89
1997	Wet	0.00	0.00	1.25	0.31	0.39	(4.74)	0.00	0.00	0.00	8.79	0.02	1.03	0.59
1998	Wet	0.00	0.00	(0.10)	0.00	(0.22)	(0.43)	0.00	0.00	7.08	7.15	7.20	4.66	2.11
1999	Wet	(22.98)	0.00	0.00	0.00	(2.42)	0.00	0.00	0.00	0.00	(0.22)	(0.24)	0.00	(2.16)
2000	Above Normal	0.00	0.00	(0.21)	0.00	(1.32)	(0.50)	0.00	0.00	0.00	(0.44)	(0.17)	(0.24)	(0.24)
2001	Dry	0.00	0.00	(2.81)	1.76	1.74	0.50	0.00	0.00	0.00	2.27	0.00	(0.20)	0.27
2002	Dry	0.00	(0.29)	(0.16)	(0.12)	(0.14)	0.00	0.00	0.00	0.00	0.15	0.00	1.62	0.09
2003	Above Normal	0.00	0.00	1.04	(0.59)	(0.57)	(0.23)	0.00	0.00	0.00	0.00	0.01	0.01	(0.03)
	Average	(0.38)	(1.06)	(2.05)	(0.77)	0.42	0.65	0.00	(0.49)	(0.24)	(1.04)	0.18	(0.41)	(0.43)
	Wet	(0.54)	(1.09)	(2.00)	0.22	(0.21)	0.86	0.00	(1.53)	(0.05)	0.93	0.60	0.52	(0.19)
	Above Normal	1.05	(0.00)	(0.60)	(3.39)	0.30	(1.19)	0.00	0.00	(1.56)	(3.87)	(2.26)	(2.34)	(1.16)
	Below Normal	(0.32)	0.32	(0.34)	(1.04)	2.41	2.18	0.00	0.00	0.03	(0.68)	(0.90)	(0.48)	0.10
	Dry	(1.12)	(2.41)	(6.36)	(1.33)	(0.41)	0.74	0.00	0.00	0.00	(0.37)	2.11	(0.76)	(0.82)
	Critical	(0.46)	(1.63)	0.88	0.86	0.84	0.11	0.00	0.00	0.00	(3.86)	0.08	0.10	(0.26)

Percent Difference in Energy Use (GWh) At Pumping Plant at SWP San Luis: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	-14%	-7%	-7%	0%	0%	-100%	-49%	-54%	-34%
1923	Below Normal	-50%	0%	-19%	0%	0%	0%	0%	0%	-	-55%	-46%	-37%
1924	Critical	14%	-86%	162%	-77%	-100%	0%	0%	0%	0%	-99%	-	-
1925	Dry	-99%	-100%	-92%	-38%	-32%	51%	0%	0%	0%	33%	0%	-12%
1926	Dry	-39%	-32%	27%	-10%	-10%	0%	0%	0%	0%	-48%	0%	-97%
1927	Wet	0%	-36%	-24%	-16%	-9%	-16%	0%	0%	0%	-25%	-25%	-26%
1928	Above Normal	0%	0%	-7%	0%	0%	-5%	0%	0%	0%	-79%	-48%	-26%
1929	Critical	-30%	0%	-19%	-	-	12%	0%	0%	0%	0%	-	-
1930	Dry	-94%	-99%	-69%	-15%	-8%	-8%	0%	0%	0%	-9%	0%	-14%
1931	Critical	-12%	-13%	30%	-4%	-4%	0%	0%	0%	0%	38%	0%	-
1932	Dry	0%	-99%	-24%	-8%	-5%	-6%	0%	0%	0%	-3%	398%	-
1933	Critical	-100%	-100%	1%	68%	18%	-17%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	-96%	-18%	-3%	-2%	3%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	45%	15%	1%	0%	-1%	0%	0%	0%	-23%	-9%	-6%
1936	Below Normal	1%	2%	-3%	-1%	-1%	8%	0%	0%	0%	-2%	-2%	2%
1937	Below Normal	-2%	0%	-2%	-97%	60%	0%	0%	0%	0%	1%	0%	0%
1938	Wet	-1%	-3%	-35%	36%	>1,000%	0%	0%	-100%	412%	331%	470%	873%
1939	Dry	0%	0%	-9%	0%	0%	0%	0%	0%	0%	-2%	0%	-1%
1940	Above Normal	0%	0%	-100%	8%	5%	2%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	-1%	0%	-3%	3%	0%	0%	0%	-1%	0%	0%
1942	Wet	0%	0%	0%	-68%	-46%	0%	0%	0%	0%	-3%	1%	33%
1943	Wet	0%	0%	2%	-53%	-6%	-4%	0%	0%	0%	-2%	-2%	-9%
1944	Dry	0%	0%	-13%	297%	97%	36%	0%	0%	0%	1%	17%	0%
1945	Below Normal	6%	1%	1%	1%	-14%	28%	0%	0%	0%	-1%	-1%	4%
1946	Below Normal	1%	0%	-2%	0%	0%	0%	0%	0%	0%	-2%	-2%	-4%
1947	Dry	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	-3%	0%	0%
1948	Below Normal	1%	1%	0%	0%	0%	2%	0%	0%	0%	-1%	-1%	0%
1949	Dry	0%	0%	0%	0%	0%	1%	0%	0%	0%	-1%	0%	0%
1950	Below Normal	0%	0%	0%	3%	2%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-20%	0%	-1%	0%	0%	-85%	7%	6%	34%
1953	Wet	0%	0%	-9%	0%	0%	0%	0%	0%	0%	6%	4%	6%
1954	Above Normal	0%	0%	0%	0%	0%	-25%	0%	0%	0%	-25%	-3%	-1%
1955	Dry	1%	-2%	0%	-1%	0%	0%	0%	0%	0%	3%	0%	-6%
1956	Wet	0%	1%	-20%	20%	-11%	0%	0%	0%	0%	0%	0%	3%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%
1958	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	-2%	-1%	-1%
1959	Below Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	10%	5%	1%
1960	Dry	-1%	-3%	-3%	1%	1%	0%	0%	0%	0%	27%	0%	2%
1961	Dry	0%	3%	1%	-2%	-9%	-1%	0%	0%	0%	-1%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	4%	0%	-4%	-100%	1%	0%	0%	0%	-2%	-1%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	-	0%	0%	0%	0%	0%	0%	0%	-43%	-2%	-2%	-3%
1968	Below Normal	-12%	0%	2%	0%	0%	0%	0%	0%	0%	-12%	-5%	-3%
1969	Wet	-29%	4%	0%	12%	>1,000%	0%	0%	51%	0%	0%	0%	0%
1970	Wet	1%	0%	1%	-3%	0%	0%	0%	0%	0%	5%	-1%	0%
1971	Wet	0%	-1%	-1%	0%	0%	-1%	0%	0%	0%	1%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	-2%	0%	0%	0%	-2%	-2%	-1%
1974	Wet	-2%	-1%	-1%	0%	0%	-60%	0%	0%	0%	0%	6%	33%
1975	Wet	12%	0%	1%	0%	0%	8%	0%	0%	0%	-3%	-3%	-1%
1976	Critical	1%	0%	-1%	0%	0%	-1%	0%	0%	0%	0%	0%	1%
1977	Critical	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	-11%	-21%	0%	0%	-100%	-23%	-23%	-14%
1979	Below Normal	71%	0%	-2%	176%	93%	>1,000%	0%	0%	0%	1%	-6%	-
1980	Above Normal	58%	-3%	0%	-78%	>1,000%	0%	0%	0%	0%	-72%	0%	0%
1981	Dry	65%	0%	6%	0%	0%	0%	0%	0%	0%	-11%	0%	-2%
1982	Wet	2%	-1%	-2%	-1%	-2%	26%	0%	0%	0%	-3%	-2%	-2%
1983	Wet	39%	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-44%	98%	0%	0%	0%	-2%	0%	-53%
1987	Dry	-100%	0%	-1%	0%	0%	0%	0%	0%	0%	-6%	0%	117%
1988	Critical	0%	-	0%	1%	0%	1%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	1%	0%	0%	0%	2%	0%	-1%
1990	Critical	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1992	Critical	0%	0%	-2%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	-4%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%
1994	Critical	-1%	0%	0%	3%	4%	5%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-1%	0%	-100%	-100%	-10%	-21%	-21%
1996	Wet	0%	0%	-18%	-	44%	7%	0%	0%	0%	8%	10%	4%
1997	Wet	0%	0%	2%	0%	1%	-16%	0%	0%	0%	628%	0%	3%
1998	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	218%	95%	63%	14%
1999	Wet	-47%	0%	0%	0%	-30%	0%	0%	0%	0%	-1%	-1%	0%
2000	Above Normal	0%	0%	0%	0%	-8%	-1%	0%	0%	0%	-11%	-1%	-1%
2001	Dry	0%	0%	-4%	5%	8%	2%	0%	0%	0%	24%	0%	-2%
2002	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	1%	0%	7%
2003	Above Normal	0%	0%	28%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%
	Average	-4%	-8%	-3%	1%	-2%	1%	0%	-2%	2%	8%	9%	10%
	Wet	-1%	-1%	-4%	-4%	-8%	2%	0%	-6%	15%	39%	19%	34%
	Above Normal	5%	0%	-7%	-7%	-2%	-5%	0%	0%	-17%	-22%	-11%	-7%
	Below Normal	1%	3%	-1%	6%	10%	3%	0%	0%	0%	-6%	-5%	-3%
	Dry	-15%	-19%	-10%	13%	2%	4%	0%	0%	0%	0%	23%	0%
	Critical	-11%	-25%	13%	-1%	-7%	0%	0%	0%	0%	-5%	0%	0%

Energy Use (GWh) At Pumping Plant at System Total: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	1,086.48	905.48	858.83	275.77	377.66	621.50	662.96	649.71	774.11	803.41	836.53	768.90	8,621.34
1923	Below Normal	624.09	544.11	538.68	933.53	902.10	889.84	607.77	679.71	721.02	848.85	875.77	795.13	8,960.60
1924	Critical	586.56	517.98	429.61	385.59	345.62	267.46	344.64	413.66	417.80	568.76	371.22	326.79	4,975.69
1925	Dry	217.89	199.33	229.71	191.95	198.09	528.68	566.24	732.78	764.07	913.89	856.29	841.93	6,240.85
1926	Dry	578.63	520.82	433.95	285.85	251.89	304.21	451.99	636.00	672.95	813.78	745.27	657.10	6,352.44
1927	Wet	468.12	584.02	415.06	242.26	384.06	673.05	704.96	700.49	763.59	855.56	888.08	816.94	7,496.19
1928	Above Normal	656.56	586.68	682.03	812.85	777.11	576.88	712.02	699.72	751.19	830.39	867.84	801.56	8,754.83
1929	Critical	654.82	561.06	583.78	747.33	696.34	431.25	322.70	391.41	379.65	378.19	339.61	293.04	5,779.18
1930	Dry	171.37	131.54	198.47	152.56	215.57	281.15	495.73	573.29	594.54	742.19	617.67	666.94	4,841.02
1931	Critical	360.76	303.66	237.97	245.28	219.14	216.84	390.56	466.60	478.99	545.35	426.94	368.85	4,260.94
1932	Dry	202.69	180.25	353.45	221.65	301.03	388.54	483.36	564.27	565.59	751.30	682.69	557.73	5,252.55
1933	Critical	411.90	361.54	306.05	242.18	335.11	280.58	443.74	546.08	556.70	585.40	516.27	454.44	5,039.99
1934	Critical	278.15	223.55	280.76	336.19	275.52	241.49	415.32	506.17	512.82	511.84	75.65	38.80	3,696.26
1935	Below Normal	294.87	588.32	491.35	233.24	245.47	314.05	630.51	730.93	483.12	969.07	984.25	892.12	6,857.30
1936	Below Normal	630.03	561.29	475.20	255.95	517.73	943.34	655.49	729.05	791.15	883.28	917.61	811.56	8,171.68
1937	Below Normal	727.63	613.01	688.69	889.01	1,035.54	958.02	646.28	705.18	786.96	853.53	843.40	717.06	9,464.31
1938	Wet	705.86	713.95	647.48	1,060.57	974.40	1,085.41	618.31	820.60	827.39	810.97	877.60	710.54	9,853.08
1939	Dry	620.63	513.75	619.33	930.26	874.74	1,026.96	708.55	714.59	311.37	954.95	697.73	953.20	8,926.06
1940	Above Normal	679.79	402.00	709.65	188.65	235.12	501.67	632.21	737.84	665.82	929.34	950.39	860.21	7,492.69
1941	Wet	604.65	518.32	495.99	394.25	607.78	1,087.87	548.70	614.65	679.65	765.83	803.00	716.99	7,837.68
1942	Wet	553.41	461.22	498.64	962.71	934.36	1,083.62	786.22	657.36	724.81	802.55	835.46	735.27	9,035.63
1943	Wet	611.80	511.08	522.70	890.56	964.39	1,012.57	752.15	725.45	781.36	869.16	910.08	823.15	9,374.45
1944	Dry	681.00	571.56	684.79	703.93	665.94	437.06	499.62	576.25	603.75	746.08	689.66	564.59	7,424.23
1945	Below Normal	401.48	497.69	361.94	292.59	325.11	1,062.81	650.50	700.01	747.87	854.27	885.77	789.82	7,569.86
1946	Below Normal	729.82	714.63	772.50	876.38	640.55	707.75	663.93	663.12	707.21	816.18	848.24	763.02	8,903.33
1947	Dry	681.24	626.84	558.21	807.62	796.80	504.13	692.62	736.52	768.99	895.15	865.90	830.59	8,764.61
1948	Below Normal	656.18	583.01	468.63	486.93	433.07	347.61	423.35	517.44	109.94	973.53	984.35	889.12	6,873.16
1949	Dry	628.16	557.97	518.48	301.76	308.86	320.25	684.32	722.36	761.41	885.09	845.39	823.47	7,357.52
1950	Below Normal	595.56	544.50	470.98	244.02	253.98	333.90	574.12	659.10	86.69	960.44	970.23	875.43	6,568.95
1951	Above Normal	679.78	683.06	718.68	1,013.90	893.54	1,055.47	601.71	684.09	743.37	809.95	865.10	779.42	9,528.07
1952	Wet	643.08	615.74	556.91	958.56	933.93	857.60	574.35	613.77	701.90	744.95	790.26	687.84	8,678.89
1953	Wet	540.43	452.65	836.41	930.17	908.42	1,061.96	814.13	648.65	675.64	800.47	829.53	761.32	9,259.78
1954	Above Normal	555.61	465.45	592.36	607.65	614.29	629.37	633.36	726.72	748.96	850.02	933.20	842.22	8,199.21
1955	Dry	589.44	543.58	586.50	314.28	319.41	374.12	536.65	614.25	613.99	794.98	708.35	680.82	6,676.37
1956	Wet	459.44	477.64	483.26	984.07	926.88	1,072.05	687.81	749.46	836.12	895.18	934.01	825.02	9,330.94
1957	Above Normal	702.60	595.20	705.69	935.17	863.52	583.81	537.46	459.22	81.92	924.60	934.93	844.35	8,168.47
1958	Wet	699.27	530.30	470.25	245.27	509.03	1,048.62	717.26	773.48	854.17	895.03	938.33	858.35	8,539.36
1959	Below Normal	714.61	604.47	706.50	907.78	889.43	976.61	613.98	700.49	370.55	941.27	953.08	865.21	9,243.98
1960	Dry	618.35	543.45	434.14	276.20	243.98	310.70	662.92	775.51	555.56	990.09	747.09	974.72	7,132.71
1961	Dry	672.85	672.27	668.08	333.32	293.82	342.45	571.25	655.58	647.98	834.86	638.47	434.13	6,765.06
1962	Below Normal	114.86	612.31	703.72	169.42	204.14	412.48	582.16	668.75	89.15	970.14	981.62	885.30	6,394.05
1963	Wet	735.14	690.40	493.79	418.32	477.52	636.96	654.10	657.75	706.65	814.47	849.51	782.02	7,916.63
1964	Dry	645.06	684.42	770.31	733.85	489.42	493.70	698.05	683.33	700.20	832.89	791.58	791.09	8,313.90
1965	Wet	636.88	578.84	553.33	838.94	818.56	704.46	648.64	637.89	673.85	792.93	823.84	749.51	8,457.67
1966	Below Normal	580.00	561.17	637.40	861.09	885.40	684.76	612.99	696.53	678.17	870.19	896.15	812.58	8,776.43
1967	Wet	562.40	545.01	471.33	344.34	546.12	702.23	722.10	717.79	842.88	853.87	892.19	819.26	8,019.52
1968	Below Normal	680.98	560.20	701.58	929.19	914.26	999.20	696.57	665.09	692.32	823.58	849.85	778.89	9,291.71
1969	Wet	606.44	549.12	591.29	735.09	904.95	1,008.59	626.80	735.56	764.19	784.62	839.70	711.92	8,858.27
1970	Wet	669.76	467.31	543.49	1,047.28	972.42	1,105.32	638.08	683.04	727.43	838.77	868.58	716.57	9,278.05
1971	Wet	636.77	654.49	555.28	928.37	899.96	796.93	593.24	690.03	726.43	865.59	888.43	802.30	9,037.82
1972	Below Normal	553.34	445.13	559.55	291.45	397.26	560.36	635.78	703.35	734.26	875.32	898.27	816.73	7,470.80
1973	Above Normal	610.80	651.56	473.06	363.48	625.69	778.35	634.77	704.36	768.10	853.85	888.00	765.97	8,117.99
1974	Wet	732.15	720.30	591.29	949.38	899.58	1,042.87	719.36	696.32	768.14	844.71	881.31	790.89	9,636.30
1975	Wet	689.22	552.77	668.86	935.24	896.69	966.31	709.93	694.01	769.34	837.84	869.54	797.94	9,387.69
1976	Critical	735.78	544.10	667.42	796.78	766.79	532.28	609.47	701.37	305.83	937.16	678.17	924.45	8,199.60
1977	Critical	654.67	559.02	443.70	222.49	196.64	200.82	178.05	56.72	31.15	41.28	36.66	64.45	2,685.65
1978	Above Normal	17.94	125.93	494.08	178.96	308.36	610.41	653.13	636.10	743.48	795.12	824.71	757.79	6,146.01
1979	Below Normal	599.64	517.19	633.61	812.13	913.52	808.25	611.03	677.75	717.27	825.10	857.88	710.96	8,684.33
1980	Above Normal	670.51	562.93	656.61	936.35	952.00	1,029.54	585.27	650.17	738.15	814.06	813.93	626.65	9,036.17
1981	Dry	623.72	500.68	628.37	916.34	901.51	679.32	592.83	690.38	173.22	970.03	869.23	907.54	8,453.17
1982	Wet	636.32	694.51	503.64	449.24	638.53	1,125.97	826.83	734.35	829.53	870.02	913.26	836.74	9,058.94
1983	Wet	822.70	682.67	1,003.85	945.29	901.36	1,004.61	523.57	544.73	656.17	680.73	634.34	590.60	8,990.62
1984	Wet	678.72	623.28	1,066.79	1,013.32	1,004.63	1,091.94	607.80	692.61	738.42	842.31	877.74	784.76	10,022.32
1985	Dry	672.79	710.74	832.21	839.15	846.76	789.11	667.29	663.74	698.10	807.34	763.97	766.09	9,057.29
1986	Wet	657.36	636.09	548.35	754.72	894.24	1,144.02	673.87	726.72	795.81	870.71	856.57	829.27	9,387.73
1987	Dry	674.61	554.76	679.17	932.97	891.57	518.92	438.74	550.90	563.47	607.65	481.18	444.68	7,338.62
1988	Critical	228.24	176.83	226.73	176.87	162.68	220.90	314.33	362.31	356.35	465.10	318.58	293.26	3,302.18
1989	Dry	138.63	177.56	179.66	173.46	153.29	203.32	659.39	765.26	610.43	979.82	896.18	921.61	5,858.61
1990	Critical	656.01	574.14	496.57	277.46	252.45	245.66	378.15	460.37	462.01	612.07	411.47	384.06	5,210.42
1991	Critical	190.89	143.15	144.89	99.43	157.46	203.58	318.69	349.82	243.31	560.63	365.71	325.17	3,102.73
1992	Critical	169.15	118.65	133.55	114.91	163.55	230.63	309.58	358.64	376.56	51.52	35.06	297.71	2,359.51
1993	Above Normal	400.23	41.89	531.30	195.76	425.08	582.83	640.59	674.13	528.31	874.22	901.19	819.25	6,614.78
1994	Critical	638.55	520.45	629.38	596.35	569.45	451.96	549.45	630.43	523.03	821.96	248.06	669.01	6,848.08
1995	Wet	139.26	426.55	842.63	182.99	370.60	662.48	760.73	856.81	870.24	879.51	924.17	848.51	7,764.48
1996	Wet	674.66	601.94	582.52	867.44	1,021.84	927.15	721.34	705.34	768.88	845.88	879.58	804.98	9,401.55
1997	Wet	633.80	545.91	691.14	1,100.74	1,044.18	1,157.08	632.95	660.91	720.91	785.81	845.61	774.70	9,593.74
1998	Wet	597.03	525.45	634.89	914.30	1,030.62	1,069.36	670.74	697.42	803.19	820.50	864.85	788.12	9,416.47
1999	Wet	772.50	750.30	645.57	944.83	974.00	993.34	673.78	684.28	745.05	841.70	878.10	715.16	9,618.61
2000	Above Normal	629.40	535.08	661.67	832.51	870.38	753.22	652.09	733.11	775.79	893.51	922.75	835.36	9,094.87
2001	Dry	582.26	494.34	597.86	388.07	357.60	345.80	443.83	530.85	563.75	629.75	486.33	480.20	5,900.64
2002	Dry	228.61	252.45	257.97	178.69	305.34	387.09	712.70	694.45	734.20	844.98	771.15	797.80	6,165.43
2003	Above Normal	596.87	384.28	714.68	189.27	290.43	408.32	545.08	626.49	118.15	917.68	926.24	837.00	6,554.49
	Average	562.81	512.64	557.74	581.39	607.15	670.87	595.65	642.95	615.27	796.89	765.64	714.08	7,623.09
	Wet	621.81	581.15	612.11	770.70	824.58	966.25	677.22	696.90	759.68	827.30	861.30	772.26	8,971.25
	Above Normal	607.21	494.96	649.89	544.19	602.77	677.61	624.22	665.14	619.78	858.01	888.73	794.89	8,027.41
	Below Normal	564.51	567.65	586.45	584.48	611.25	714.21	614.60	678.32	551.12	890.34	910.46	814.50	8,087.89
	Dry	512.66	468.68	512.81	482.33	467.53	457.53	587.00	660.02	605.75	833.05	730.79	727.46	7,045.62
	Critical	463.79	383.68	381.70	353.41	345.06	293.62	381.22	436.97	387.02	506.61	318.62	370.00	4,621.69

Energy Use (GWh) At Pumping Plant at System Total: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	1,086.48	905.48	858.83	338.58	380.07	622.86	677.53	672.85	818.87	847.48	884.92	808.77	8,902.72
1923	Below Normal	669.44	591.02	575.58	942.92	913.31	1,042.19	796.29	333.22	134.93	1,022.43	1,050.79	953.81	9,025.93
1924	Critical	792.52	673.57	645.78	519.88	464.82	320.38	390.13	473.66	319.60	78.61	36.09	38.44	4,753.48
1925	Dry	394.33	602.16	822.44	235.77	228.84	373.27	549.25	626.83	671.46	813.11	743.81	743.42	6,804.69
1926	Dry	490.72	439.57	382.79	304.19	251.89	320.96	468.36	685.66	697.80	871.86	831.78	716.09	6,461.67
1927	Wet	405.05	664.07	491.91	260.06	369.01	674.64	691.68	684.80	774.97	862.25	893.14	819.95	7,591.53
1928	Above Normal	669.16	600.13	692.22	836.75	764.54	558.11	695.46	732.01	444.36	954.51	988.25	903.15	8,838.65
1929	Critical	714.31	620.01	611.67	601.07	546.96	386.79	348.36	400.30	393.05	319.40	51.82	60.16	5,053.90
1930	Dry	220.29	182.25	632.53	191.91	215.09	281.79	486.56	567.39	537.22	740.91	608.72	651.18	5,315.84
1931	Critical	339.79	278.42	220.52	246.43	217.89	222.36	392.90	469.71	482.39	555.21	323.74	34.56	3,783.92
1932	Dry	177.06	333.52	596.86	238.51	302.76	393.27	483.33	564.11	593.40	778.16	787.37	599.67	5,848.02
1933	Critical	414.98	371.04	334.69	319.64	358.93	288.36	454.96	554.09	570.30	598.12	548.61	483.66	5,297.38
1934	Critical	268.69	209.09	392.97	351.05	280.42	235.09	397.42	482.60	487.58	487.06	44.80	36.88	3,673.65
1935	Below Normal	442.14	494.81	422.65	231.66	246.03	316.46	644.68	748.65	609.66	997.84	1,013.85	920.21	7,088.64
1936	Below Normal	661.36	590.76	503.13	282.93	516.09	903.52	656.36	729.74	819.91	911.60	945.99	841.50	8,362.89
1937	Below Normal	755.95	641.72	715.68	841.70	1,051.10	1,050.11	637.58	689.75	813.87	872.31	857.87	736.12	9,663.76
1938	Wet	724.40	731.84	597.14	1,034.39	980.83	1,066.23	622.29	681.49	796.22	835.91	877.38	767.51	9,715.63
1939	Dry	643.88	540.51	632.78	957.67	874.63	1,012.44	652.53	723.44	391.82	979.64	713.22	977.52	9,100.08
1940	Above Normal	699.83	304.11	797.97	193.90	218.15	496.94	631.85	737.41	691.18	956.82	977.82	887.64	7,593.62
1941	Wet	632.21	546.35	516.86	394.29	602.45	1,059.00	548.67	612.89	707.06	793.71	830.92	744.89	7,989.30
1942	Wet	581.84	489.10	511.51	956.45	931.12	1,079.96	786.75	655.33	750.54	827.53	860.85	776.19	9,207.17
1943	Wet	638.65	535.66	549.70	860.48	962.71	1,024.45	766.05	724.53	802.44	896.14	936.43	847.97	9,545.21
1944	Dry	711.43	599.13	704.41	653.82	595.84	413.04	498.41	575.49	624.00	765.59	711.12	583.19	7,435.47
1945	Below Normal	419.11	515.65	380.10	312.53	310.30	982.57	651.34	700.91	776.83	883.11	914.59	819.98	7,667.02
1946	Below Normal	759.38	745.58	804.79	904.41	640.84	709.92	666.62	665.95	738.24	846.77	879.10	792.53	9,154.13
1947	Dry	711.16	657.18	588.22	840.29	797.82	503.38	691.75	738.15	787.98	914.95	885.80	849.68	8,966.36
1948	Below Normal	673.17	600.02	484.62	493.85	423.50	344.37	423.79	530.75	109.75	973.74	984.71	889.36	6,931.63
1949	Dry	628.47	558.32	518.65	301.64	309.00	319.81	684.18	722.91	762.41	886.30	846.52	824.46	7,362.67
1950	Below Normal	595.08	544.92	471.13	239.13	249.18	332.39	574.02	658.97	103.29	976.93	986.72	891.94	6,623.70
1951	Above Normal	696.31	699.61	711.71	1,005.34	900.29	1,055.47	601.71	684.09	771.39	837.98	893.13	807.44	9,664.47
1952	Wet	671.11	643.81	584.94	984.72	934.07	857.02	571.62	584.79	653.10	749.59	790.69	713.08	8,738.54
1953	Wet	542.33	458.58	889.09	952.62	904.77	988.92	681.09	637.99	699.18	821.81	851.48	784.55	9,212.41
1954	Above Normal	579.72	493.32	624.27	667.96	645.72	650.68	637.33	733.64	788.19	858.33	948.03	856.58	8,483.77
1955	Dry	604.07	557.69	600.05	327.97	319.56	373.39	532.81	609.57	613.42	794.67	707.38	677.17	6,717.75
1956	Wet	459.99	478.72	454.00	890.72	926.90	1,072.26	688.30	749.93	864.64	923.65	962.50	854.37	9,325.98
1957	Above Normal	731.09	623.65	734.08	961.59	863.33	583.51	537.72	461.25	107.61	951.33	961.67	871.05	8,387.88
1958	Wet	725.98	556.94	496.87	271.79	509.05	1,047.93	714.11	768.33	878.12	922.99	966.29	886.04	8,744.44
1959	Below Normal	742.64	631.97	733.79	935.76	893.79	955.47	600.42	684.13	283.16	964.49	974.22	886.87	9,286.71
1960	Dry	637.60	561.24	453.33	293.56	241.72	311.82	663.96	774.12	581.42	982.85	768.96	959.39	7,229.97
1961	Dry	664.84	663.18	661.91	343.91	303.20	346.14	572.45	657.04	649.49	836.35	646.43	433.67	6,778.61
1962	Below Normal	115.13	612.23	703.97	169.43	204.14	412.48	582.17	668.76	116.30	997.29	1,008.77	912.45	6,503.12
1963	Wet	762.30	717.55	520.94	445.47	477.51	636.94	654.10	657.74	734.67	842.49	877.53	810.04	8,137.28
1964	Dry	673.11	712.44	798.27	761.85	489.19	495.15	697.76	683.04	700.30	833.02	791.79	791.25	8,427.17
1965	Wet	637.23	579.01	553.55	839.43	820.03	700.66	648.84	639.16	691.34	824.24	855.09	780.48	8,569.06
1966	Below Normal	610.13	590.38	666.74	884.78	881.14	682.78	613.02	696.67	700.49	892.18	918.19	834.59	8,971.09
1967	Wet	584.73	566.95	493.25	365.48	545.72	702.07	719.53	711.79	827.82	880.84	918.92	845.50	8,162.60
1968	Below Normal	705.99	571.25	703.78	960.18	914.20	1,002.42	697.12	674.56	725.45	861.14	886.68	811.93	9,514.70
1969	Wet	617.42	572.88	608.85	582.08	931.62	1,023.95	617.76	743.36	760.19	808.92	863.94	736.29	8,867.26
1970	Wet	694.73	492.01	569.01	1,039.89	976.39	1,103.29	622.11	685.42	757.98	870.25	898.99	746.65	9,456.72
1971	Wet	667.12	684.35	585.06	962.73	896.88	798.10	592.05	688.50	735.73	886.56	909.20	823.03	9,229.31
1972	Below Normal	573.97	465.77	580.20	312.62	397.75	560.48	635.65	703.01	734.32	875.33	898.34	816.86	7,554.30
1973	Above Normal	611.13	651.89	473.45	364.70	626.36	779.82	633.56	704.48	796.26	881.76	915.92	794.01	8,233.34
1974	Wet	759.28	747.67	618.99	980.01	909.47	963.17	757.40	690.78	789.90	866.12	902.60	830.22	9,815.61
1975	Wet	711.43	575.60	693.98	948.06	889.81	938.26	716.42	700.54	804.28	872.27	904.26	832.03	9,586.94
1976	Critical	769.41	578.12	700.31	831.91	772.18	533.15	606.46	697.72	302.99	932.68	680.57	918.99	8,324.49
1977	Critical	649.59	554.42	439.90	221.77	196.15	200.64	196.83	56.72	31.42	41.27	36.46	63.88	2,689.05
1978	Above Normal	17.37	123.69	496.42	178.90	296.65	580.69	644.74	650.45	759.73	846.45	871.32	799.62	6,266.03
1979	Below Normal	626.57	541.79	648.73	730.99	723.06	802.42	692.58	684.20	749.78	857.48	888.58	767.60	8,713.78
1980	Above Normal	730.77	595.48	689.63	837.33	973.40	1,066.98	557.74	625.27	740.04	785.06	780.86	678.29	9,060.85
1981	Dry	627.62	505.63	640.24	960.81	899.69	746.34	605.31	706.44	305.82	992.07	865.59	939.58	8,795.14
1982	Wet	676.63	725.42	533.83	476.99	638.00	1,133.15	826.93	727.77	848.60	898.00	941.22	864.20	9,290.74
1983	Wet	820.62	739.19	1,008.27	945.29	901.29	1,003.58	523.57	544.73	656.17	680.73	662.37	618.63	9,104.44
1984	Wet	675.25	623.28	1,066.79	1,013.32	1,004.74	1,092.01	607.84	692.64	766.47	870.36	905.80	812.86	10,131.36
1985	Dry	700.85	738.79	860.28	867.16	846.75	789.08	667.30	663.75	718.65	827.88	784.50	786.63	9,251.62
1986	Wet	677.90	656.63	568.89	775.25	823.12	974.01	724.92	726.48	822.64	898.73	907.12	819.94	9,375.63
1987	Dry	707.43	587.86	706.71	964.85	891.62	519.13	425.43	533.39	545.43	585.88	465.19	431.57	7,364.49
1988	Critical	219.45	170.21	222.54	174.96	161.04	220.55	314.34	362.33	356.37	465.35	318.59	293.28	3,279.01
1989	Dry	138.64	177.61	179.63	173.37	153.15	203.13	658.80	764.52	606.05	979.77	870.75	928.38	5,833.80
1990	Critical	662.10	579.32	501.59	277.29	252.37	245.67	378.22	460.47	462.12	612.12	411.56	384.13	5,226.96
1991	Critical	190.93	143.19	144.90	99.43	157.42	203.54	318.62	342.30	243.35	563.00	367.46	326.56	3,100.70
1992	Critical	169.89	111.54	138.48	117.06	163.50	230.54	309.55	358.60	376.52	50.81	36.05	295.48	2,358.02
1993	Above Normal	398.24	38.77	537.72	195.52	424.52	581.46	640.53	674.86	548.46	904.69	931.54	849.32	6,725.63
1994	Critical	667.79	549.58	658.07	621.10	566.62	450.62	549.36	630.51	524.34	822.10	248.52	668.47	6,957.08
1995	Wet	138.46	425.58	842.76	183.19	370.51	661.50	756.84	769.75	878.48	907.11	949.82	870.15	7,754.15
1996	Wet	702.63	628.93	608.49	512.53	719.74	778.99	702.70	685.74	779.98	859.38	892.88	820.20	8,692.19
1997	Wet	647.98	561.02	709.26	1,100.79	1,051.97	1,153.96	635.98	661.40	748.97	836.06	875.26	805.30	9,787.95
1998	Wet	631.09	550.21	664.20	946.86	1,030.41	1,068.23	667.67	667.74	783.06	799.09	867.50	796.38	9,472.44
1999	Wet	815.12	747.29	676.84	973.98	976.48	940.58	641.44	685.51	774.42	870.86	907.37	742.48	9,752.37
2000	Above Normal	658.96	563.34	690.42	863.62	871.93	746.98	650.48	736.11	804.98	924.22	952.99	864.91	9,328.94
2001	Dry	607.18	519.39	613.63	394.18	339.50	340.75	446.86	534.83	572.94	644.66	494.89	488.19	5,997.00
2002	Dry	235.62	258.75	263.83	183.85	305.69	386.78	710.66	692.39	732.31	843.26	769.16	799.04	6,181.34
2003	Above Normal	595.18	402.72	694.34	195.89	296.13	410.43	544.99	626.40	137.12	936.59	945.13	855.91	6,640.83
	Average	583.65	535.03	591.21	584.84	600.18	663.92	597.13	635.36	616.50	808.78	776.42	724.22	7,717.24
	Wet	638.52	603.79	631.35	757.57	810.95	943.96	672.56	683.81	772.58	850.22	884.98	798.04	9,048.32
	Above Normal	622.85	500.18	666.76	553.34	605.09	677.83	621.14	669.90	617.35	890.44	920.97	831.39	8,177.23
	Below Normal	596.43	581.28	599.64	588.78	597.46	721.26	633.69	654.95	529.71	923.76	943.46	848.27	8,218.67
	Dry	531.91	510.85	592.03	499.74	464.77	451.65	583.10	656.84	616.22	837.27	738.50	732.23	7,215.09
	Critical	488.29	403.21	417.62	365.13	344.86	294.81	388.10	440.75	379.17	460.48	258.69	300.37	4,541.47

Difference in Energy Use (GWh) At Pumping Plant at System Total: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	62.81	2.41	1.36	14.57	23.14	44.76	44.07	48.39	39.87	23.45
1923	Below Normal	45.35	46.91	36.90	9.39	11.21	152.35	188.52	(346.49)	(586.09)	173.58	175.02	158.68	5.44
1924	Critical	205.96	155.59	216.17	134.29	119.20	52.92	45.49	60.00	(98.20)	(490.15)	(335.13)	(288.35)	(18.52)
1925	Dry	176.44	402.83	592.73	43.82	30.75	(155.41)	(16.99)	(105.95)	(92.61)	(100.78)	(112.48)	(98.51)	46.99
1926	Dry	(87.91)	(81.25)	(51.16)	18.34	0.00	16.75	16.37	49.66	24.85	58.08	86.51	58.99	9.10
1927	Wet	(63.07)	80.05	76.85	17.80	(15.05)	1.59	(13.28)	(15.69)	11.38	6.69	5.06	3.01	7.95
1928	Above Normal	12.60	13.45	10.19	23.90	(12.57)	(18.77)	(16.56)	32.29	(306.83)	124.12	120.41	101.59	6.99
1929	Critical	59.49	58.95	27.89	(146.26)	(149.38)	(44.46)	25.66	8.89	13.40	(58.79)	(287.79)	(232.88)	(60.44)
1930	Dry	48.92	50.71	434.06	39.35	(0.48)	0.64	(9.17)	(5.90)	(57.32)	(1.28)	(8.95)	(15.76)	39.57
1931	Critical	(20.97)	(25.24)	(17.45)	1.15	(1.25)	5.52	2.34	3.11	3.40	9.86	(103.20)	(334.29)	(39.75)
1932	Dry	(25.63)	153.27	243.41	16.86	1.73	4.73	(0.03)	(0.16)	27.81	26.86	104.68	41.94	49.62
1933	Critical	3.08	9.50	28.64	77.46	23.82	7.78	11.22	8.01	13.60	12.72	32.34	29.22	21.45
1934	Critical	(9.46)	(14.46)	112.21	14.86	4.90	(6.40)	(17.90)	(23.57)	(25.24)	(24.78)	(30.85)	(1.92)	(1.88)
1935	Below Normal	147.27	(93.51)	(68.70)	(1.58)	0.56	2.41	14.17	17.72	126.54	28.77	29.60	28.09	19.28
1936	Below Normal	31.33	29.47	27.93	26.98	(1.64)	(39.82)	0.87	0.69	28.76	28.32	28.38	29.94	15.93
1937	Below Normal	28.32	28.71	26.99	(47.31)	15.56	92.09	(8.70)	(15.43)	26.91	18.78	14.47	19.06	16.62
1938	Wet	18.54	17.89	(50.34)	(26.18)	6.43	(19.18)	3.98	(139.11)	(31.17)	24.94	(0.22)	56.97	(11.45)
1939	Dry	23.25	26.76	13.45	27.41	(0.11)	(14.52)	(56.02)	8.85	80.45	24.69	15.49	24.32	14.50
1940	Above Normal	20.04	(97.89)	88.32	5.25	(16.97)	(4.73)	(0.36)	(0.43)	25.36	27.48	27.43	27.43	8.41
1941	Wet	27.56	28.03	20.87	0.04	(5.33)	(28.87)	(0.03)	(1.76)	27.41	27.88	27.92	27.90	12.64
1942	Wet	28.43	27.88	12.87	(6.26)	(3.24)	(3.66)	0.53	(2.03)	25.73	24.98	25.39	40.92	14.30
1943	Wet	26.85	24.58	27.00	(30.08)	(1.68)	11.88	13.90	(0.92)	21.08	26.98	26.35	24.82	14.23
1944	Dry	30.43	27.57	19.62	(50.11)	(70.10)	(24.02)	(1.21)	(0.76)	20.25	19.51	21.46	18.60	0.94
1945	Below Normal	17.63	17.96	18.16	19.94	(14.81)	(80.24)	0.84	0.90	28.96	28.84	28.82	30.16	8.10
1946	Below Normal	29.56	30.95	32.29	28.03	0.29	2.17	2.69	2.83	31.03	30.59	30.86	29.51	20.90
1947	Dry	29.92	30.34	30.01	32.67	1.02	(0.75)	(0.87)	1.63	18.99	19.80	19.90	19.09	16.81
1948	Below Normal	16.99	17.01	15.99	6.92	(9.57)	(3.24)	0.44	13.31	(0.19)	0.21	0.36	0.24	4.87
1949	Dry	0.31	0.35	0.17	(0.12)	0.14	(0.44)	(0.14)	0.55	1.00	1.21	1.13	0.99	0.43
1950	Below Normal	(0.48)	0.42	0.15	(4.89)	(4.80)	(1.51)	(0.10)	(0.13)	16.60	16.49	16.49	16.51	4.56
1951	Above Normal	16.53	16.55	(6.97)	(8.56)	6.75	0.00	0.00	0.00	28.02	28.03	28.03	28.02	11.37
1952	Wet	28.03	28.07	28.03	26.16	0.14	(0.58)	(2.73)	(28.98)	(48.80)	4.64	0.43	25.24	4.97
1953	Wet	1.90	5.93	52.68	22.45	(3.65)	(73.04)	(133.04)	(10.66)	23.54	21.34	21.95	23.23	(3.95)
1954	Above Normal	24.11	27.87	31.91	60.31	31.43	21.31	3.97	6.92	39.23	8.31	14.83	14.36	23.71
1955	Dry	14.63	14.11	13.55	13.69	0.15	(0.73)	(3.84)	(4.68)	(0.57)	(0.31)	(0.97)	(3.65)	3.45
1956	Wet	0.55	1.08	(29.26)	(93.35)	0.02	0.21	0.49	0.47	28.52	28.47	28.49	29.35	(0.41)
1957	Above Normal	28.49	28.45	28.39	26.42	(0.19)	(0.30)	0.26	2.03	25.69	26.73	26.74	26.70	18.28
1958	Wet	26.71	26.64	26.62	26.52	0.02	(0.69)	(3.15)	(5.15)	23.95	27.96	27.96	27.69	17.09
1959	Below Normal	28.03	27.50	27.29	27.98	4.36	(21.14)	(13.56)	(16.36)	(87.39)	23.22	21.14	21.66	3.56
1960	Dry	19.25	17.79	19.19	17.36	(2.26)	1.12	1.04	(1.39)	25.86	(7.24)	21.87	(15.33)	8.11
1961	Dry	(8.01)	(9.09)	(6.17)	10.59	9.38	3.69	1.20	1.46	1.51	1.49	7.96	(0.46)	1.13
1962	Below Normal	0.27	(0.08)	0.25	0.01	0.00	0.00	0.01	0.01	27.15	27.15	27.15	27.15	9.09
1963	Wet	27.16	27.15	27.15	27.15	(0.01)	(0.02)	0.00	(0.01)	28.02	28.02	28.02	28.02	18.39
1964	Dry	28.05	28.02	27.96	28.00	(0.23)	1.45	(0.29)	(0.29)	0.10	0.13	0.21	0.16	9.44
1965	Wet	0.35	0.17	0.22	0.49	1.47	(3.80)	0.20	1.27	17.49	31.31	31.25	30.97	9.28
1966	Below Normal	30.13	29.21	29.34	23.69	(4.26)	(1.98)	0.03	0.14	22.32	21.99	22.04	22.01	16.22
1967	Wet	22.33	21.94	21.92	21.14	(0.40)	(0.16)	(2.57)	(6.00)	(15.06)	26.97	26.73	26.24	11.92
1968	Below Normal	25.01	11.05	2.20	30.99	(0.06)	3.22	0.55	9.47	33.13	37.56	36.83	33.04	18.58
1969	Wet	10.98	23.76	17.56	(153.01)	26.67	15.36	(9.04)	7.80	(4.00)	24.30	24.24	24.37	0.75
1970	Wet	24.97	24.70	25.52	(7.39)	3.97	(2.03)	(15.97)	2.38	30.55	31.48	30.41	30.08	14.89
1971	Wet	30.35	29.86	29.78	34.36	(3.08)	1.17	(1.19)	(1.53)	9.30	20.97	20.77	20.73	15.96
1972	Below Normal	20.63	20.64	20.65	21.17	0.49	0.12	(0.13)	(0.34)	0.06	0.01	0.07	0.13	6.96
1973	Above Normal	0.33	0.33	0.39	1.22	0.67	1.47	(1.21)	0.12	28.16	27.91	27.92	28.04	9.61
1974	Wet	27.13	27.37	27.70	30.63	9.89	(79.70)	38.04	(5.54)	21.76	21.41	21.29	39.33	14.94
1975	Wet	22.21	22.83	25.12	12.82	(6.88)	(28.05)	6.49	6.53	34.94	34.43	34.72	34.09	16.60
1976	Critical	33.63	34.02	32.89	35.13	5.39	0.87	(3.01)	(3.65)	(2.84)	(4.48)	2.40	(5.46)	10.41
1977	Critical	(5.08)	(4.60)	(3.80)	(0.72)	(0.49)	(0.18)	18.78	0.00	0.27	(0.01)	(0.20)	(0.57)	0.28
1978	Above Normal	(0.57)	(2.24)	2.34	(0.06)	(11.71)	(29.72)	(8.39)	14.35	16.25	51.33	46.61	41.83	10.00
1979	Below Normal	26.93	24.60	15.12	(81.14)	(190.46)	(5.83)	81.55	6.45	32.51	32.38	30.70	56.64	2.45
1980	Above Normal	60.26	32.55	33.02	(99.02)	21.40	37.44	(27.53)	(24.90)	1.89	(29.00)	(33.07)	51.64	2.06
1981	Dry	3.90	4.95	11.87	44.47	(1.82)	67.02	12.48	16.06	132.60	22.04	(3.64)	32.04	28.50
1982	Wet	40.31	30.91	30.19	27.75	(0.53)	7.18	0.10	(6.58)	19.07	27.98	27.96	27.46	19.32
1983	Wet	(2.08)	56.52	4.42	0.00	(0.07)	(1.03)	0.00	0.00	0.00	0.00	28.03	28.03	9.48
1984	Wet	(3.47)	0.00	0.00	0.00	0.11	0.07	0.04	0.03	28.05	28.05	28.06	28.10	9.09
1985	Dry	28.06	28.05	28.07	28.01	(0.01)	(0.03)	0.01	0.01	20.55	20.54	20.53	20.54	16.19
1986	Wet	20.54	20.54	20.54	20.53	(71.12)	(170.01)	51.05	(0.24)	26.83	28.02	50.55	(9.33)	(1.01)
1987	Dry	32.82	33.10	27.54	31.88	0.05	0.21	(13.31)	(17.51)	(18.04)	(21.77)	(15.99)	(13.11)	2.16
1988	Critical	(8.79)	(6.62)	(4.19)	(1.91)	(1.64)	(0.35)	0.01	0.02	0.02	0.25	0.01	0.02	(1.93)
1989	Dry	0.01	0.05	(0.03)	(0.09)	(0.14)	(0.19)	(0.59)	(0.74)	(4.38)	(0.05)	(25.43)	6.77	(2.07)
1990	Critical	6.09	5.18	5.02	(0.17)	(0.08)	0.01	0.07	0.10	0.11	0.05	0.09	0.07	1.38
1991	Critical	0.04	0.04	0.01	0.00	(0.04)	(0.04)	(0.07)	(7.52)	0.04	2.37	1.75	1.39	(0.17)
1992	Critical	0.74	(7.11)	4.93	2.15	(0.05)	(0.09)	(0.03)	(0.04)	(0.04)	(0.71)	0.99	(2.23)	(0.12)
1993	Above Normal	(1.99)	(3.12)	6.42	(0.24)	(0.56)	(1.37)	(0.06)	0.73	20.15	30.47	30.35	30.07	9.24
1994	Critical	29.24	29.13	28.69	24.75	(2.83)	(1.34)	(0.09)	0.08	1.31	0.14	0.46	(0.54)	9.08
1995	Wet	(0.80)	(0.97)	0.13	0.20	(0.09)	(0.98)	(3.89)	(87.06)	8.24	27.60	25.65	21.64	(0.86)
1996	Wet	27.97	26.99	25.97	(354.91)	(302.10)	(148.16)	(18.64)	(19.60)	11.10	13.50	13.30	15.22	(59.11)
1997	Wet	14.18	15.11	18.12	0.05	7.79	(3.12)	3.03	0.49	28.06	50.25	29.65	30.60	16.18
1998	Wet	34.06	24.76	29.31	32.56	(0.21)	(1.13)	(3.07)	(29.68)	(20.13)	(21.41)	2.65	8.26	4.66
1999	Wet	42.62	(3.01)	31.27	29.15	2.48	(52.76)	(32.34)	1.23	29.37	29.16	29.27	27.32	11.15
2000	Above Normal	29.56	28.26	28.75	31.11	1.55	(6.24)	(1.61)	3.00	29.19	30.71	30.24	29.55	19.51
2001	Dry	24.92	25.05	15.77	6.11	(18.10)	(5.05)	3.03	3.98	9.19	14.91	8.56	7.99	8.03
2002	Dry	7.01	6.30	5.86	5.16	0.35	(0.31)	(2.04)	(2.06)	(1.89)	(1.72)	(1.99)	1.24	1.33
2003	Above Normal	(1.69)	18.44	(20.34)	6.62	5.70	2.11	(0.09)	(0.09)	18.97	18.91	18.89	18.91	7.20
	Average	20.85	22.38	33.47	3.45	(6.97)	(6.95)	1.48	(7.59)	1.23	11.90	10.78	10.14	7.85
	Wet	16.70	22.65	19.24	(13.13)	(13.63)	(22.29)	(4.66)	(13.09)	12.89	22.92	23.69	25.78	6.42
	Above Normal	15.64	5.22	16.87	9.15	2.33	0.21	(3.08)	4.76	(2.43)	32.42	32.23	36.50	12.49
	Below Normal	31.93	13.63	13.18	4.30	(13.80)	7.04	19.08	(23.37)	(21.41)	33.42	33.00	33.77	10.90
	Dry	19.24	42.16	79.22	17.41	(2.76)	(5.88)	(3.91)	(3.18)	10.46	4.23	7.71	4.77	14.12
	Critical	24.50	19.53	35.92	11.73	(0.20)	1.19	6.87	3.79	(7.85)	(46.13)	(59.93)	(69.63)	(6.68)

Percent Difference in Energy Use (GWh) At Pumping Plant at System Total: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	23%	1%	0%	2%	4%	6%	5%	6%	5%
1923	Below Normal	7%	9%	7%	1%	1%	17%	31%	-51%	-81%	20%	20%	20%
1924	Critical	35%	30%	50%	35%	34%	20%	13%	15%	-24%	-86%	-90%	-88%
1925	Dry	81%	202%	258%	23%	16%	-29%	-3%	-14%	-12%	-11%	-13%	-12%
1926	Dry	-15%	-16%	-12%	6%	0%	6%	4%	8%	4%	7%	12%	9%
1927	Wet	-13%	14%	19%	7%	-4%	0%	-2%	-2%	1%	1%	1%	0%
1928	Above Normal	2%	2%	1%	3%	-2%	-3%	-2%	5%	-41%	15%	14%	13%
1929	Critical	9%	11%	5%	-20%	-21%	-10%	8%	2%	4%	-16%	-85%	-79%
1930	Dry	29%	39%	219%	26%	0%	0%	-2%	-1%	-10%	0%	-1%	-2%
1931	Critical	-6%	-8%	-7%	0%	-1%	3%	1%	1%	1%	2%	-24%	-91%
1932	Dry	-13%	85%	69%	8%	1%	1%	0%	0%	5%	4%	15%	8%
1933	Critical	1%	3%	9%	32%	7%	3%	3%	1%	2%	2%	6%	6%
1934	Critical	-3%	-6%	40%	4%	2%	-3%	-4%	-5%	-5%	-5%	-41%	-5%
1935	Below Normal	50%	-16%	-14%	-1%	0%	1%	2%	2%	26%	3%	3%	3%
1936	Below Normal	5%	5%	6%	11%	0%	-4%	0%	0%	4%	3%	3%	4%
1937	Below Normal	4%	5%	4%	-5%	2%	10%	-1%	-2%	3%	2%	2%	3%
1938	Wet	3%	3%	-8%	-2%	1%	-2%	1%	-17%	-4%	3%	0%	8%
1939	Dry	4%	5%	2%	3%	0%	-1%	-8%	1%	26%	3%	2%	3%
1940	Above Normal	3%	-24%	12%	3%	-7%	-1%	0%	0%	4%	3%	3%	3%
1941	Wet	5%	5%	4%	0%	-1%	-3%	0%	0%	4%	4%	3%	4%
1942	Wet	5%	6%	3%	-1%	0%	0%	0%	0%	4%	3%	3%	6%
1943	Wet	4%	5%	5%	-3%	0%	1%	2%	0%	3%	3%	3%	3%
1944	Dry	4%	5%	3%	-7%	-11%	-5%	0%	0%	3%	3%	3%	3%
1945	Below Normal	4%	4%	5%	7%	-5%	-8%	0%	0%	4%	3%	3%	4%
1946	Below Normal	4%	4%	4%	3%	0%	0%	0%	0%	4%	4%	4%	4%
1947	Dry	4%	5%	5%	4%	0%	0%	0%	0%	2%	2%	2%	2%
1948	Below Normal	3%	3%	3%	1%	-2%	-1%	0%	3%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-2%	-2%	0%	0%	0%	19%	2%	2%	2%
1951	Above Normal	2%	2%	-1%	-1%	1%	0%	0%	0%	4%	3%	3%	4%
1952	Wet	4%	5%	5%	3%	0%	0%	0%	-5%	-7%	1%	0%	4%
1953	Wet	0%	1%	6%	2%	0%	-7%	-16%	-2%	3%	3%	3%	3%
1954	Above Normal	4%	6%	5%	10%	5%	3%	1%	1%	5%	1%	2%	2%
1955	Dry	2%	3%	2%	4%	0%	0%	-1%	-1%	0%	0%	0%	-1%
1956	Wet	0%	0%	-6%	-9%	0%	0%	0%	0%	3%	3%	3%	4%
1957	Above Normal	4%	5%	4%	3%	0%	0%	0%	0%	31%	3%	3%	3%
1958	Wet	4%	5%	6%	11%	0%	0%	0%	-1%	3%	3%	3%	3%
1959	Below Normal	4%	5%	4%	3%	0%	-2%	-2%	-2%	-24%	2%	2%	3%
1960	Dry	3%	3%	4%	6%	-1%	0%	0%	0%	5%	-1%	3%	-2%
1961	Dry	-1%	-1%	-1%	3%	3%	1%	0%	0%	0%	0%	1%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	30%	3%	3%	3%
1963	Wet	4%	4%	5%	6%	0%	0%	0%	0%	4%	3%	3%	4%
1964	Dry	4%	4%	4%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	3%	4%	4%	4%
1966	Below Normal	5%	5%	5%	3%	0%	0%	0%	0%	3%	3%	2%	3%
1967	Wet	4%	4%	5%	6%	0%	0%	0%	-1%	-2%	3%	3%	3%
1968	Below Normal	4%	2%	0%	3%	0%	0%	0%	1%	5%	5%	4%	4%
1969	Wet	2%	4%	3%	-21%	3%	2%	-1%	1%	-1%	3%	3%	3%
1970	Wet	4%	5%	5%	-1%	0%	0%	-3%	0%	4%	4%	4%	4%
1971	Wet	5%	5%	5%	4%	0%	0%	0%	0%	1%	2%	2%	3%
1972	Below Normal	4%	5%	4%	7%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	4%	3%	3%	4%
1974	Wet	4%	4%	5%	3%	1%	-8%	5%	-1%	3%	3%	2%	5%
1975	Wet	3%	4%	4%	1%	-1%	-3%	1%	1%	5%	4%	4%	4%
1976	Critical	5%	6%	5%	4%	1%	0%	0%	-1%	-1%	0%	0%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	11%	0%	1%	0%	-1%	-1%
1978	Above Normal	-3%	-2%	0%	0%	-4%	-5%	-1%	2%	2%	6%	6%	6%
1979	Below Normal	4%	5%	2%	-10%	-21%	-1%	13%	1%	5%	4%	4%	8%
1980	Above Normal	9%	6%	5%	-11%	2%	4%	-5%	-4%	0%	-4%	-4%	8%
1981	Dry	1%	1%	2%	5%	0%	10%	2%	2%	77%	2%	0%	4%
1982	Wet	6%	4%	6%	6%	0%	1%	0%	-1%	2%	3%	3%	3%
1983	Wet	0%	8%	0%	0%	0%	0%	0%	0%	0%	0%	4%	5%
1984	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	4%	3%	3%	4%
1985	Dry	4%	4%	3%	3%	0%	0%	0%	0%	3%	3%	3%	3%
1986	Wet	3%	3%	4%	3%	-8%	-15%	8%	0%	3%	3%	6%	-1%
1987	Dry	5%	6%	4%	3%	0%	0%	-3%	-3%	-3%	-4%	-3%	-3%
1988	Critical	-4%	-4%	-2%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	-3%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%
1992	Critical	0%	-6%	4%	2%	0%	0%	0%	0%	0%	-1%	3%	-1%
1993	Above Normal	0%	-7%	1%	0%	0%	0%	0%	0%	4%	3%	3%	4%
1994	Critical	5%	6%	5%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	-1%	0%	0%	0%	0%	0%	-1%	-10%	1%	3%	3%	3%
1996	Wet	4%	4%	4%	-41%	-30%	-16%	-3%	-3%	1%	2%	2%	2%
1997	Wet	2%	3%	3%	0%	1%	0%	0%	0%	4%	6%	4%	4%
1998	Wet	6%	5%	5%	4%	0%	0%	0%	-4%	-3%	-3%	0%	1%
1999	Wet	6%	0%	5%	3%	0%	-5%	-5%	0%	4%	3%	3%	4%
2000	Above Normal	5%	5%	4%	4%	0%	-1%	0%	0%	4%	3%	3%	4%
2001	Dry	4%	5%	3%	2%	-5%	-1%	1%	1%	2%	2%	2%	2%
2002	Dry	3%	2%	2%	3%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	5%	-3%	3%	2%	1%	0%	0%	16%	2%	2%	2%
	Average	4%	6%	10%	2%	-1%	-1%	1%	-1%	2%	1%	-1%	0%
	Wet	2%	4%	4%	-1%	-1%	-2%	-1%	-2%	2%	3%	3%	3%
	Above Normal	2%	0%	3%	3%	0%	0%	0%	1%	3%	4%	4%	5%
	Below Normal	7%	2%	2%	2%	-2%	1%	3%	-3%	0%	4%	4%	4%
	Dry	7%	20%	32%	5%	0%	-1%	-1%	0%	6%	1%	1%	1%
	Critical	3%	3%	9%	5%	2%	1%	2%	1%	-2%	-9%	-19%	-22%

Energy Use (GWh) At Pumping Plant at Teerink: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	72.77	59.80	47.47	11.73	21.70	36.39	46.86	45.94	46.92	47.24	49.19	43.84	529.85
1923	Below Normal	39.49	35.19	30.53	62.67	60.49	60.45	43.21	48.84	49.11	52.12	53.21	46.49	581.80
1924	Critical	36.81	32.41	25.70	21.50	21.21	18.45	24.68	29.71	30.27	30.21	26.93	22.90	320.78
1925	Dry	11.64	8.43	7.11	6.06	9.43	30.08	40.48	52.84	53.31	56.87	57.19	49.88	383.32
1926	Dry	38.14	33.68	26.18	13.19	15.07	21.37	31.48	45.83	46.16	49.18	49.48	43.12	412.88
1927	Wet	32.55	28.57	22.00	12.14	19.63	42.83	50.18	49.94	51.09	51.35	53.23	47.61	461.12
1928	Above Normal	43.41	38.79	33.94	54.06	53.34	33.12	50.30	49.48	50.46	50.79	52.44	46.96	557.09
1929	Critical	42.49	38.02	33.20	49.47	46.12	25.87	20.82	27.17	27.46	27.57	24.59	20.34	383.12
1930	Dry	10.63	7.75	6.55	5.39	10.65	14.88	34.53	40.74	41.47	42.93	41.14	35.53	292.19
1931	Critical	23.55	19.44	14.71	10.18	11.86	14.13	28.04	34.09	34.75	34.84	31.02	26.11	282.72
1932	Dry	13.42	10.26	8.47	7.81	12.42	18.46	35.15	40.77	41.01	43.45	43.06	37.48	311.76
1933	Critical	27.00	23.32	17.75	11.16	12.87	17.30	31.37	39.44	40.43	40.95	37.48	32.08	331.15
1934	Critical	18.90	14.28	10.66	9.21	10.23	14.72	29.85	36.38	37.23	37.21	6.33	1.67	226.67
1935	Below Normal	20.62	37.31	27.82	8.71	12.02	17.59	45.37	53.07	33.49	61.47	61.59	53.87	432.93
1936	Below Normal	41.23	36.58	28.51	13.69	17.03	53.94	46.24	52.01	53.21	53.49	55.49	49.63	501.05
1937	Below Normal	45.38	40.60	35.55	55.67	60.86	59.61	45.47	49.79	50.96	51.43	53.42	47.30	596.04
1938	Wet	42.74	38.19	33.22	62.72	60.57	67.82	42.16	49.20	50.43	49.17	53.39	44.75	594.36
1939	Dry	39.95	35.51	31.68	62.94	60.79	71.71	51.13	51.12	23.30	60.46	44.70	58.80	592.09
1940	Above Normal	46.66	28.09	45.92	8.67	10.28	24.02	45.09	53.56	45.62	59.38	59.64	52.04	478.97
1941	Wet	39.94	35.30	27.50	19.75	25.67	63.36	37.84	42.96	43.78	44.46	46.64	40.88	468.08
1942	Wet	36.20	32.17	27.47	62.74	60.58	71.42	55.34	45.87	46.91	47.34	49.44	43.86	579.34
1943	Wet	39.51	35.15	30.37	53.66	60.53	58.40	52.79	51.64	52.74	53.31	55.60	49.37	593.07
1944	Dry	44.82	40.00	34.78	45.94	42.74	27.37	35.56	41.64	41.80	44.14	43.34	37.65	479.78
1945	Below Normal	26.56	22.63	17.30	13.24	14.46	65.16	46.13	49.92	51.10	51.39	53.23	47.62	458.74
1946	Below Normal	43.39	38.76	45.04	57.08	42.86	46.48	47.28	47.27	48.21	48.57	50.61	45.21	560.76
1947	Dry	40.95	36.55	31.77	54.49	53.17	34.47	49.06	52.64	53.37	55.40	56.27	49.75	567.89
1948	Below Normal	41.40	36.82	30.33	32.08	30.46	20.17	29.93	37.91	4.54	61.81	61.74	54.07	441.26
1949	Dry	41.44	36.73	28.65	14.50	15.37	19.72	49.12	51.94	52.88	54.63	55.54	49.18	469.70
1950	Below Normal	41.37	36.84	30.59	13.55	13.88	16.75	41.38	47.76	1.78	61.57	61.25	53.35	420.07
1951	Above Normal	40.78	35.91	33.66	62.37	55.52	66.45	42.80	48.78	49.88	50.11	52.22	46.68	585.16
1952	Wet	42.41	37.85	32.94	62.67	62.35	45.88	39.72	41.42	42.04	42.95	45.35	39.45	535.03
1953	Wet	34.63	30.70	45.83	62.77	60.59	71.48	58.02	46.09	46.19	47.79	49.21	43.55	596.85
1954	Above Normal	37.05	32.83	27.34	40.85	41.00	40.17	45.48	52.78	51.53	54.50	58.11	50.72	532.36
1955	Dry	38.84	34.26	26.62	14.30	16.99	22.72	38.41	44.44	44.53	47.63	47.86	41.73	418.33
1956	Wet	31.30	27.45	21.11	52.57	57.11	67.54	49.01	53.21	54.54	54.82	57.17	51.04	576.87
1957	Above Normal	46.66	41.71	36.37	63.23	60.11	40.44	38.11	33.18	1.98	58.76	58.30	50.89	529.74
1958	Wet	38.62	34.00	26.43	11.70	29.39	61.06	48.96	53.48	54.81	55.33	57.86	51.11	522.75
1959	Below Normal	46.48	41.44	35.98	63.21	60.99	65.72	43.54	50.21	25.97	59.33	59.42	51.96	604.25
1960	Dry	39.80	35.18	27.34	12.82	13.16	17.47	48.41	55.57	39.52	63.28	47.96	60.59	461.10
1961	Dry	47.57	42.31	33.41	16.87	17.71	17.36	41.09	47.38	47.87	50.99	43.38	29.14	435.08
1962	Below Normal	8.23	41.48	45.82	7.23	8.49	22.09	41.65	48.46	2.33	62.42	62.21	54.24	404.65
1963	Wet	41.50	36.60	28.61	25.90	30.15	40.39	46.58	46.88	47.78	48.11	50.16	44.84	487.50
1964	Dry	40.62	36.20	45.94	48.12	31.34	33.15	49.90	48.72	49.82	50.10	52.06	46.52	532.49
1965	Wet	42.39	37.80	33.01	50.66	53.48	43.89	45.83	45.50	44.87	47.15	48.91	43.55	537.04
1966	Below Normal	38.80	34.49	29.61	56.70	58.93	45.34	44.00	50.17	47.48	54.33	55.30	48.17	563.32
1967	Wet	37.57	33.06	25.92	16.27	33.12	42.19	49.92	49.85	50.96	51.47	53.67	47.65	491.65
1968	Below Normal	43.18	38.49	35.65	62.70	62.69	67.28	49.48	47.34	48.03	50.07	51.30	45.06	601.27
1969	Wet	36.95	32.62	26.47	45.16	60.23	68.24	42.41	47.01	48.01	48.65	51.20	44.99	551.94
1970	Wet	43.44	32.59	30.73	62.77	60.60	69.35	45.39	48.70	49.82	50.05	52.11	46.55	592.10
1971	Wet	42.33	37.75	32.88	62.67	60.49	51.82	42.32	49.74	49.67	53.67	54.41	47.30	585.05
1972	Below Normal	36.14	31.76	24.60	13.44	26.06	37.17	45.23	50.94	51.50	54.40	55.18	48.23	474.65
1973	Above Normal	38.09	33.63	26.64	19.94	37.84	50.13	44.88	50.24	51.46	51.54	53.57	47.88	505.84
1974	Wet	43.67	38.99	34.07	62.68	60.53	65.12	50.76	49.35	50.63	50.88	53.16	47.25	607.09
1975	Wet	42.81	38.10	33.02	62.97	60.90	60.70	50.09	49.08	50.25	50.35	52.20	46.76	597.23
1976	Critical	42.48	37.96	33.19	53.63	52.73	34.05	42.90	49.90	22.90	59.36	44.52	56.63	530.25
1977	Critical	43.55	38.64	30.09	12.65	13.08	13.61	12.91	2.98	1.88	2.40	2.14	1.70	175.63
1978	Above Normal	0.69	10.46	32.50	7.18	12.76	34.44	45.83	45.20	46.15	46.37	48.09	42.86	372.53
1979	Below Normal	38.73	34.43	29.95	52.98	58.56	51.28	43.26	47.72	48.86	49.05	50.93	45.37	551.12
1980	Above Normal	41.00	36.53	31.82	56.27	62.65	68.22	41.65	46.16	47.14	47.89	50.32	44.13	573.78
1981	Dry	39.42	35.09	30.07	61.68	61.00	45.40	41.87	49.36	10.73	61.41	56.46	55.21	547.70
1982	Wet	42.28	37.51	29.17	24.25	28.96	68.99	50.77	50.03	52.82	53.30	55.83	49.23	543.14
1983	Wet	47.79	42.91	65.70	62.77	60.59	68.20	35.60	37.60	44.12	44.69	37.66	37.28	584.91
1984	Wet	38.00	34.25	65.93	62.79	62.75	68.39	43.20	49.40	50.38	50.79	52.89	47.33	626.10
1985	Dry	43.01	38.44	45.78	55.64	56.90	52.96	46.68	46.61	47.75	47.89	49.68	44.39	575.73
1986	Wet	40.23	35.91	31.27	51.57	48.26	70.74	46.71	50.70	51.97	52.36	54.82	48.41	582.95
1987	Dry	43.85	39.23	33.99	63.27	60.51	33.94	30.77	37.66	38.70	38.43	34.39	29.31	484.05
1988	Critical	15.96	11.41	9.28	7.62	11.22	12.66	21.53	25.50	25.76	25.94	23.06	19.59	209.53
1989	Dry	9.65	7.09	6.01	4.92	9.72	12.59	47.12	55.46	42.40	62.62	57.97	56.45	372.00
1990	Critical	43.54	38.59	30.08	13.27	14.26	15.89	27.13	32.81	33.58	33.56	29.88	25.43	338.02
1991	Critical	13.36	9.45	7.92	6.75	9.37	12.33	21.85	24.82	15.73	29.98	26.44	22.68	200.68
1992	Critical	11.29	7.70	6.95	5.75	8.92	11.85	21.59	25.58	25.76	2.18	2.07	20.44	150.08
1993	Above Normal	27.11	2.65	32.35	7.74	23.38	35.24	45.93	48.44	33.84	53.71	55.05	48.73	414.17
1994	Critical	41.24	36.68	30.47	37.83	36.21	29.22	39.25	45.21	38.35	50.11	16.30	44.84	445.71
1995	Wet	9.96	29.71	55.82	7.15	20.38	31.23	53.19	52.35	53.62	54.07	56.36	50.07	473.91
1996	Wet	45.58	40.72	35.50	58.60	60.15	53.78	50.80	49.63	50.76	51.04	53.08	47.40	597.04
1997	Wet	43.14	38.55	33.65	62.68	60.52	70.94	44.99	46.97	47.91	48.37	50.62	44.83	593.17
1998	Wet	40.28	35.87	30.95	62.12	60.55	62.90	46.07	47.63	48.75	49.58	52.01	45.52	582.23
1999	Wet	42.86	42.81	39.59	62.76	60.57	64.69	47.91	48.79	49.79	50.29	52.44	46.84	609.34
2000	Above Normal	42.58	38.04	33.11	57.18	55.17	43.55	46.58	52.66	53.14	56.45	57.03	49.93	585.42
2001	Dry	39.45	34.95	27.77	20.69	20.15	18.53	31.04	38.24	39.25	39.35	35.15	29.91	374.48
2002	Dry	16.21	11.69	9.43	6.44	14.08	23.26	50.79	49.46	50.46	50.90	52.66	47.18	382.56
2003	Above Normal	42.96	25.97	45.92	8.83	14.80	23.11	39.24	45.35	5.58	57.34	57.15	49.98	416.23
	Average	36.21	32.29	30.31	35.48	37.37	41.60	42.02	45.49	41.26	48.79	47.86	43.40	482.08
	Wet	39.18	35.58	34.58	47.87	50.72	59.67	47.18	48.19	49.41	50.05	51.90	46.05	560.38
	Above Normal	39.98	32.03	35.59	33.17	37.38	41.27	44.40	47.65	40.31	52.84	54.26	47.89	506.76
	Below Normal	36.50	36.20	31.95	36.64	37.70	44.93	43.73	48.67	36.90	55.10	56.06	49.33	513.71
	Dry	33.30	29.08	25.64	28.62	28.96	28.64	41.81	47.25	42.46	51.09	48.24	44.55	449.62
	Critical	30.01	25.66	20.83	19.92	20.67	18.34	26.83	31.13	27.84	31.19	22.56	24.53	299.53

Energy Use (GWh) At Pumping Plant at Teerink: Alternative4_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	72.77	59.80	47.47	16.77	21.94	36.63	47.92	47.59	50.78	51.23	53.52	47.54	553.96
1923	Below Normal	42.93	38.43	33.43	62.73	60.56	71.21	56.70	24.37	3.71	65.90	67.06	59.20	586.23
1924	Critical	49.64	44.28	36.76	33.31	30.39	22.20	28.02	34.16	23.72	2.24	2.04	1.67	308.43
1925	Dry	29.49	40.49	53.40	10.59	12.07	17.53	39.05	45.05	46.13	49.19	49.29	43.07	435.35
1926	Dry	32.52	28.69	22.26	14.93	15.14	22.57	32.78	49.55	48.11	54.12	54.37	47.45	422.49
1927	Wet	28.40	36.26	28.22	13.76	18.75	42.96	49.21	48.80	51.94	52.20	54.02	48.53	473.05
1928	Above Normal	44.34	39.82	35.07	55.82	52.39	31.82	49.40	52.22	29.73	60.81	61.87	55.13	568.42
1929	Critical	47.19	42.37	35.67	37.87	34.48	22.39	23.22	28.08	28.46	23.56	2.08	4.51	329.88
1930	Dry	15.40	12.44	39.67	8.65	10.59	14.90	33.80	40.31	37.49	43.13	40.54	34.95	331.87
1931	Critical	22.15	17.76	13.35	10.42	11.78	14.46	28.21	34.33	35.01	35.09	23.88	1.64	248.08
1932	Dry	12.68	22.26	27.52	9.26	12.60	18.97	35.15	40.76	43.04	45.49	45.12	39.54	352.39
1933	Critical	29.07	25.41	19.83	13.40	12.93	17.97	32.24	40.03	41.41	42.44	39.76	34.26	348.75
1934	Critical	18.32	13.89	19.59	10.40	10.65	14.23	28.54	34.64	35.38	35.39	2.07	1.67	224.77
1935	Below Normal	31.28	30.72	22.87	8.58	12.06	17.80	46.42	54.38	42.44	63.70	63.88	56.08	450.21
1936	Below Normal	43.47	38.70	30.58	15.67	17.00	51.09	46.30	52.06	55.31	55.59	57.60	51.73	515.10
1937	Below Normal	47.48	42.70	37.64	55.65	60.85	66.51	44.76	49.11	52.30	52.79	54.77	48.68	613.24
1938	Wet	44.11	39.61	32.63	62.71	60.57	66.57	43.16	46.38	47.59	50.17	52.60	46.35	592.45
1939	Dry	41.54	37.14	33.34	65.08	60.88	70.81	47.00	51.79	29.41	62.20	45.86	60.56	605.61
1940	Above Normal	48.60	21.17	52.83	8.92	8.90	23.59	45.06	53.52	47.48	61.39	61.65	54.05	487.16
1941	Wet	41.95	37.31	29.05	19.76	25.67	61.22	37.84	42.96	45.83	46.51	48.69	42.93	479.72
1942	Wet	38.25	34.22	28.42	62.73	60.57	71.16	55.38	45.72	48.79	49.22	51.29	45.76	591.51
1943	Wet	41.43	37.08	32.33	54.35	60.52	59.42	53.83	51.60	54.74	55.29	57.54	51.36	609.49
1944	Dry	46.84	42.04	36.84	42.08	37.44	25.56	35.47	41.58	43.28	45.56	44.68	39.00	480.37
1945	Below Normal	27.83	23.88	18.60	14.68	14.42	59.85	46.19	49.98	53.22	53.50	55.35	49.74	467.24
1946	Below Normal	45.50	40.86	47.44	59.13	42.86	46.64	47.48	47.47	50.47	50.83	52.89	47.46	579.03
1947	Dry	43.20	38.78	33.99	56.89	53.25	34.40	49.01	52.78	54.78	56.89	57.73	51.16	582.86
1948	Below Normal	42.64	38.06	31.51	32.60	29.78	19.91	29.96	38.85	4.41	61.87	61.81	54.11	445.51
1949	Dry	41.47	36.75	28.67	14.49	15.38	19.68	49.11	51.99	52.96	54.73	55.63	49.26	470.12
1950	Below Normal	41.41	36.87	30.60	13.16	13.50	16.63	41.37	47.75	3.00	62.77	62.46	54.55	424.07
1951	Above Normal	41.99	37.12	33.16	62.37	55.52	66.45	42.80	48.78	51.93	52.16	54.27	48.72	595.27
1952	Wet	44.46	39.89	34.99	64.72	62.35	45.87	39.72	39.82	40.34	43.20	45.31	39.90	540.57
1953	Wet	35.27	31.42	49.75	64.77	60.55	66.35	48.32	45.23	47.82	49.19	50.68	45.17	594.52
1954	Above Normal	39.14	34.94	29.66	45.27	43.32	41.86	45.78	53.17	54.32	55.15	59.22	51.78	553.61
1955	Dry	39.89	35.29	27.63	15.32	17.01	22.66	38.13	44.09	44.49	47.56	47.79	41.71	421.57
1956	Wet	31.34	27.51	21.21	45.31	57.12	67.55	49.04	53.24	56.63	56.90	59.26	53.13	578.24
1957	Above Normal	48.74	43.79	38.45	65.28	60.10	40.41	38.13	33.33	3.92	60.71	60.24	52.83	545.93
1958	Wet	40.56	35.94	28.37	13.64	29.39	61.01	48.96	53.49	56.86	57.38	59.91	53.16	538.67
1959	Below Normal	48.53	43.49	38.03	65.29	60.99	64.40	42.52	48.97	19.13	60.95	60.90	53.49	606.69
1960	Dry	41.28	36.67	28.80	14.08	12.99	17.56	48.47	55.45	41.29	62.72	49.39	59.45	468.15
1961	Dry	46.88	41.64	32.94	17.70	18.44	17.64	41.18	47.49	47.99	51.11	43.94	29.11	436.06
1962	Below Normal	8.20	41.48	45.81	7.23	8.49	22.09	41.65	48.46	4.31	64.40	64.19	56.22	412.53
1963	Wet	43.48	38.59	30.60	27.88	30.15	40.39	46.58	46.88	49.83	50.16	52.21	46.88	503.63
1964	Dry	42.67	38.25	48.00	50.17	31.31	33.27	49.88	48.70	49.83	50.11	52.06	46.53	540.78
1965	Wet	42.40	37.81	33.02	50.88	53.59	43.61	45.85	45.60	46.20	49.47	51.21	45.83	545.47
1966	Below Normal	41.00	36.68	31.76	58.43	58.61	45.20	44.00	50.18	49.14	55.95	56.92	49.78	577.65
1967	Wet	39.17	34.66	27.52	17.81	33.09	42.19	49.93	49.80	50.90	53.46	55.66	49.65	503.84
1968	Below Normal	45.19	39.31	35.44	64.75	62.69	67.50	49.62	48.17	50.60	53.06	54.19	47.66	618.18
1969	Wet	38.64	34.27	27.78	34.29	60.31	68.24	42.15	46.76	47.75	50.44	52.99	46.79	550.41
1970	Wet	45.24	34.41	32.57	62.77	60.60	69.18	44.22	48.88	52.05	52.28	54.34	48.77	605.31
1971	Wet	44.55	39.95	35.06	64.72	60.49	51.92	42.23	49.63	50.38	55.20	55.92	48.81	598.86
1972	Below Normal	37.65	33.28	26.11	14.99	26.10	37.18	45.22	50.91	51.51	54.40	55.18	48.23	480.76
1973	Above Normal	38.12	33.65	26.66	20.03	37.89	50.25	44.80	50.25	53.52	53.60	55.62	49.94	514.33
1974	Wet	45.73	41.05	36.12	64.73	60.53	62.02	53.54	48.93	52.22	52.45	54.67	48.90	620.89
1975	Wet	44.51	39.84	34.83	63.94	60.46	58.55	50.57	49.56	52.80	52.90	54.77	49.28	612.01
1976	Critical	44.99	40.43	35.62	56.20	53.12	34.11	42.68	49.63	22.68	59.05	44.70	56.21	539.42
1977	Critical	43.20	38.31	29.82	12.62	13.04	13.60	14.21	2.98	1.90	2.40	2.12	1.70	175.90
1978	Above Normal	0.69	10.27	32.63	7.18	12.77	33.61	45.78	46.90	49.81	50.78	52.18	46.50	389.10
1979	Below Normal	40.75	36.38	31.15	46.25	43.06	49.84	48.85	48.06	51.25	51.42	53.29	47.76	548.06
1980	Above Normal	43.43	38.93	34.23	53.99	62.65	70.91	39.54	44.44	47.38	48.07	50.25	44.43	578.25
1981	Dry	39.84	35.63	30.86	64.99	60.92	50.96	42.81	50.57	20.88	63.10	56.35	57.61	574.52
1982	Wet	44.62	39.80	31.40	26.29	29.13	69.00	50.78	50.04	54.87	55.36	57.89	51.28	560.46
1983	Wet	46.61	46.16	65.70	62.77	60.59	68.20	35.60	37.60	44.12	44.69	39.71	39.33	591.08
1984	Wet	38.00	34.25	65.93	62.79	62.75	68.39	43.21	49.41	52.43	52.84	54.94	49.38	634.32
1985	Dry	45.06	40.49	47.83	57.68	56.89	52.96	46.68	46.61	49.25	49.40	51.19	45.89	589.93
1986	Wet	41.73	37.41	32.77	53.08	48.26	54.74	50.35	50.72	54.04	54.43	56.90	50.48	584.91
1987	Dry	45.92	41.30	36.05	65.32	60.51	33.96	29.79	36.35	37.36	37.11	33.22	28.30	485.19
1988	Critical	15.32	10.92	8.98	7.47	11.13	12.63	21.53	25.50	25.77	25.94	23.06	19.59	207.84
1989	Dry	9.65	7.09	6.01	4.92	9.71	12.58	47.08	55.40	42.09	62.61	56.32	56.96	370.42
1990	Critical	43.96	38.97	30.38	13.26	14.25	15.89	27.13	32.82	33.59	33.56	29.89	25.44	339.14
1991	Critical	13.36	9.45	7.93	6.75	9.37	12.33	21.84	24.29	15.74	30.12	26.55	22.78	200.51
1992	Critical	11.34	7.21	7.30	5.95	8.92	11.85	21.58	25.58	25.76	2.18	2.07	20.29	150.03
1993	Above Normal	26.97	2.43	32.84	7.74	23.35	35.14	45.93	48.50	35.35	55.96	57.29	50.93	422.43
1994	Critical	43.39	38.82	32.57	39.62	35.99	29.11	39.25	45.22	38.44	50.12	16.32	44.81	453.66
1995	Wet	9.95	29.70	55.83	7.17	20.38	31.23	53.19	52.35	55.67	56.11	58.41	52.12	482.11
1996	Wet	47.63	42.77	37.55	32.82	36.99	43.31	49.78	48.59	51.71	51.99	53.99	48.46	545.59
1997	Wet	44.23	39.72	34.91	62.67	60.51	71.01	45.22	47.09	50.08	50.54	52.78	46.99	605.75
1998	Wet	42.45	38.03	33.10	64.51	60.54	62.85	46.03	45.79	46.76	47.48	51.72	45.80	585.06
1999	Wet	46.74	42.46	42.01	64.77	60.54	60.79	45.43	48.88	51.93	52.44	54.60	48.98	619.57
2000	Above Normal	44.71	40.16	35.22	59.46	55.46	43.20	46.49	52.92	55.32	58.77	59.30	52.11	603.12
2001	Dry	41.30	36.79	29.50	21.04	18.73	18.14	31.26	38.53	39.92	40.02	35.78	30.50	381.51
2002	Dry	16.72	12.17	9.87	6.82	14.12	23.24	50.64	49.31	50.32	50.77	52.52	47.05	383.55
2003	Above Normal	42.84	27.26	44.42	9.36	15.26	23.28	39.23	45.34	6.97	58.72	58.53	51.37	422.58
	Average	37.83	34.05	32.88	35.91	36.82	41.08	42.17	45.16	41.44	49.81	48.57	44.11	489.82
	Wet	40.44	37.31	36.22	47.14	49.78	57.99	46.93	47.84	50.55	51.63	53.54	47.85	567.21
	Above Normal	41.03	32.45	36.89	34.35	37.46	41.43	44.24	48.08	40.54	55.61	57.00	50.44	519.51
	Below Normal	38.85	37.20	32.93	37.08	36.50	45.42	45.07	47.05	35.06	57.65	58.61	51.76	523.18
	Dry	35.13	32.44	31.84	30.00	28.78	28.19	41.52	47.02	43.26	51.43	48.43	44.89	462.93
	Critical	31.83	27.32	23.15	20.61	20.50	18.40	27.37	31.44	27.32	28.51	17.88	19.55	293.87

Difference in Energy Use (GWh) At Pumping Plant at Teerink: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	5.04	0.24	0.24	1.06	1.65	3.86	3.99	4.33	3.70	2.01
1923	Below Normal	3.44	3.24	2.90	0.06	0.07	10.76	13.49	(24.47)	(45.40)	13.78	13.85	12.71	0.37
1924	Critical	12.83	11.87	11.06	11.81	9.18	3.75	3.34	4.45	(6.55)	(27.97)	(24.89)	(21.23)	(1.03)
1925	Dry	17.85	32.06	46.29	4.53	2.64	(12.55)	(1.43)	(7.79)	(7.18)	(7.68)	(7.90)	(6.81)	4.34
1926	Dry	(5.62)	(4.99)	(3.92)	1.74	0.07	1.20	1.30	3.72	1.95	4.94	4.89	4.33	0.80
1927	Wet	(4.15)	7.69	6.22	1.62	(0.88)	0.13	(0.97)	(1.14)	0.85	0.85	0.79	0.92	0.99
1928	Above Normal	0.93	1.03	1.13	1.76	(0.95)	(1.30)	(0.90)	2.74	(20.73)	10.02	9.43	8.17	0.94
1929	Critical	4.70	4.35	2.47	(11.60)	(11.64)	(3.48)	2.40	0.91	1.00	(4.01)	(22.51)	(15.83)	(4.44)
1930	Dry	4.77	4.69	33.12	3.26	(0.06)	0.02	(0.73)	(0.43)	(3.98)	0.20	(0.60)	(0.58)	3.31
1931	Critical	(1.40)	(1.68)	(1.36)	0.24	(0.08)	0.33	0.17	0.24	0.26	0.25	(7.14)	(24.47)	(2.89)
1932	Dry	(0.74)	12.00	19.05	1.45	0.18	0.51	0.00	(0.01)	2.03	2.04	2.06	2.06	3.39
1933	Critical	2.07	2.09	2.08	2.24	0.06	0.67	0.87	0.59	0.98	1.49	2.28	2.18	1.47
1934	Critical	(0.58)	(0.39)	8.93	1.19	0.42	(0.49)	(1.31)	(1.74)	(1.85)	(1.82)	(4.26)	0.00	(0.16)
1935	Below Normal	10.66	(6.59)	(4.95)	(0.13)	0.04	0.21	1.05	1.31	8.95	2.23	2.29	2.21	1.44
1936	Below Normal	2.24	2.12	2.07	1.98	(0.03)	(2.85)	0.06	0.05	2.10	2.10	2.11	2.10	1.17
1937	Below Normal	2.10	2.10	2.09	(0.02)	(0.01)	6.90	(0.71)	(0.68)	1.34	1.36	1.35	1.38	1.43
1938	Wet	1.37	1.42	(0.59)	(0.01)	0.00	(1.25)	1.00	(2.82)	(2.84)	1.00	(0.79)	1.60	(0.16)
1939	Dry	1.59	1.63	1.66	2.14	0.09	(0.90)	(4.13)	0.67	6.11	1.74	1.16	1.76	1.13
1940	Above Normal	1.94	(6.92)	6.91	0.25	(1.38)	(0.43)	(0.03)	(0.04)	1.86	2.01	2.01	2.01	0.68
1941	Wet	2.01	2.01	1.55	0.01	0.00	(2.14)	0.00	0.00	2.05	2.05	2.05	2.05	0.97
1942	Wet	2.05	2.05	0.95	(0.01)	(0.01)	(0.26)	0.04	(0.15)	1.88	1.88	1.85	1.90	1.01
1943	Wet	1.92	1.93	1.96	0.69	(0.01)	1.02	1.04	(0.04)	2.00	1.98	1.94	1.99	1.37
1944	Dry	2.02	2.04	2.06	(3.86)	(5.30)	(1.81)	(0.09)	(0.06)	1.48	1.42	1.34	1.35	0.05
1945	Below Normal	1.27	1.25	1.30	1.44	(0.04)	(5.31)	0.06	0.06	2.12	2.11	2.12	2.12	0.71
1946	Below Normal	2.11	2.10	2.40	2.05	0.00	0.16	0.20	0.20	2.26	2.26	2.28	2.25	1.52
1947	Dry	2.25	2.23	2.22	2.40	0.08	(0.07)	(0.05)	0.14	1.41	1.49	1.46	1.41	1.25
1948	Below Normal	1.24	1.24	1.18	0.52	(0.68)	(0.26)	0.03	0.94	(0.13)	0.06	0.07	0.04	0.35
1949	Dry	0.03	0.02	0.02	(0.01)	0.01	(0.04)	(0.01)	0.05	0.08	0.10	0.09	0.08	0.04
1950	Below Normal	0.04	0.03	0.01	(0.39)	(0.38)	(0.12)	(0.01)	(0.01)	1.22	1.20	1.21	1.20	0.33
1951	Above Normal	1.21	1.21	(0.50)	0.00	0.00	0.00	0.00	0.00	2.05	2.05	2.05	2.04	0.84
1952	Wet	2.05	2.04	2.05	2.05	0.00	(0.01)	0.00	(1.60)	(1.70)	0.25	(0.04)	0.45	0.46
1953	Wet	0.64	0.72	3.92	2.00	(0.04)	(5.13)	(9.70)	(0.86)	1.63	1.40	1.47	1.62	(0.19)
1954	Above Normal	2.09	2.11	2.32	4.42	2.32	1.69	0.30	0.39	2.79	0.65	1.11	1.06	1.77
1955	Dry	1.05	1.03	1.01	1.02	0.02	(0.06)	(0.28)	(0.35)	(0.04)	(0.07)	(0.07)	(0.02)	0.27
1956	Wet	0.04	0.06	0.10	(7.26)	0.01	0.01	0.03	0.03	2.09	2.08	2.09	2.09	0.11
1957	Above Normal	2.08	2.08	2.08	2.05	(0.01)	(0.03)	0.02	0.15	1.94	1.95	1.94	1.94	1.35
1958	Wet	1.94	1.94	1.94	1.94	0.00	(0.05)	0.00	0.01	2.05	2.05	2.05	2.05	1.33
1959	Below Normal	2.05	2.05	2.05	2.08	0.00	(1.32)	(1.02)	(1.24)	(6.84)	1.62	1.48	1.53	0.20
1960	Dry	1.48	1.49	1.46	1.26	(0.17)	0.09	0.06	(0.12)	1.77	(0.56)	1.43	(1.14)	0.59
1961	Dry	(0.69)	(0.67)	(0.47)	0.83	0.73	0.28	0.09	0.11	0.12	0.12	0.56	(0.03)	0.08
1962	Below Normal	(0.03)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	1.98	1.98	1.98	1.98	0.66
1963	Wet	1.98	1.99	1.99	1.98	0.00	0.00	0.00	0.00	2.05	2.05	2.05	2.04	1.34
1964	Dry	2.05	2.05	2.06	2.05	(0.03)	0.12	(0.02)	(0.02)	0.01	0.01	0.00	0.01	0.69
1965	Wet	0.01	0.01	0.01	0.22	0.11	(0.28)	0.02	0.10	1.33	2.32	2.30	2.28	0.70
1966	Below Normal	2.20	2.19	2.15	1.73	(0.32)	(0.14)	0.00	0.01	1.66	1.62	1.62	1.61	1.19
1967	Wet	1.60	1.60	1.60	1.54	(0.03)	0.00	0.01	(0.05)	(0.06)	1.99	1.99	2.00	1.02
1968	Below Normal	2.01	0.82	(0.21)	2.05	0.00	0.22	0.14	0.83	2.57	2.99	2.89	2.60	1.41
1969	Wet	1.69	1.65	1.31	(10.87)	0.08	0.00	(0.26)	(0.25)	(0.26)	1.79	1.79	1.80	(0.13)
1970	Wet	1.80	1.82	1.84	0.00	0.00	(0.17)	(1.17)	0.18	2.23	2.23	2.23	2.22	1.10
1971	Wet	2.22	2.20	2.18	2.05	0.00	0.10	(0.09)	(0.11)	0.71	1.53	1.51	1.51	1.15
1972	Below Normal	1.51	1.52	1.51	1.55	0.04	0.01	(0.01)	(0.03)	0.01	0.00	0.00	0.00	0.51
1973	Above Normal	0.03	0.02	0.02	0.09	0.05	0.12	(0.08)	0.01	2.06	2.06	2.05	2.06	0.71
1974	Wet	2.06	2.06	2.05	2.05	0.00	(3.10)	2.78	(0.42)	1.59	1.57	1.51	1.65	1.15
1975	Wet	1.70	1.74	1.81	0.97	(0.44)	(2.15)	0.48	0.48	2.55	2.55	2.57	2.52	1.23
1976	Critical	2.51	2.47	2.43	2.57	0.39	0.06	(0.22)	(0.27)	(0.22)	(0.31)	0.18	(0.42)	0.76
1977	Critical	(0.35)	(0.33)	(0.27)	(0.03)	(0.04)	(0.01)	1.30	0.00	0.02	0.00	(0.02)	0.00	0.02
1978	Above Normal	0.00	(0.19)	0.13	0.00	0.01	(0.83)	(0.05)	1.70	3.66	4.41	4.09	3.64	1.38
1979	Below Normal	2.02	1.95	1.20	(6.73)	(15.50)	(1.44)	5.59	0.34	2.39	2.37	2.36	2.39	(0.25)
1980	Above Normal	2.43	2.40	2.41	(2.28)	0.00	2.69	(2.11)	(1.72)	0.24	0.18	(0.07)	0.30	0.37
1981	Dry	0.42	0.54	0.79	3.31	(0.08)	5.56	0.94	1.21	10.15	1.69	(0.11)	2.40	2.24
1982	Wet	2.34	2.29	2.23	2.04	0.17	0.01	0.01	0.01	2.05	2.06	2.06	2.05	1.44
1983	Wet	(1.18)	3.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.05	2.05	0.51
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	2.05	2.05	2.05	2.05	0.69
1985	Dry	2.05	2.05	2.05	2.04	(0.01)	0.00	0.00	0.00	1.50	1.51	1.51	1.50	1.18
1986	Wet	1.50	1.50	1.50	1.51	0.00	(16.00)	3.64	0.02	2.07	2.07	2.08	2.07	0.16
1987	Dry	2.07	2.07	2.06	2.05	0.00	0.02	(0.98)	(1.31)	(1.34)	(1.32)	(1.17)	(1.01)	0.09
1988	Critical	(0.64)	(0.49)	(0.30)	(0.15)	(0.09)	(0.03)	0.00	0.00	0.01	0.00	0.00	0.00	(0.14)
1989	Dry	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.04)	(0.06)	(0.31)	(0.01)	(1.65)	0.51	(0.13)
1990	Critical	0.42	0.38	0.30	(0.01)	(0.01)	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.09
1991	Critical	0.00	0.00	0.01	0.00	0.00	0.00	(0.01)	(0.53)	0.01	0.14	0.11	0.10	(0.01)
1992	Critical	0.05	(0.49)	0.35	0.20	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.15)	0.00
1993	Above Normal	(0.14)	(0.22)	0.49	0.00	(0.03)	(0.10)	0.00	0.06	1.51	2.25	2.24	2.20	0.69
1994	Critical	2.15	2.14	2.10	1.79	(0.22)	(0.11)	0.00	0.01	0.09	0.01	0.02	(0.03)	0.66
1995	Wet	(0.01)	(0.01)	0.01	0.02	0.00	0.00	0.00	0.00	2.05	2.04	2.05	2.05	0.68
1996	Wet	2.05	2.05	2.05	(25.78)	(23.16)	(10.47)	(1.02)	(1.04)	0.95	0.95	0.91	1.06	(4.29)
1997	Wet	1.09	1.17	1.26	(0.01)	(0.01)	0.07	0.23	0.12	2.17	2.17	2.16	2.16	1.05
1998	Wet	2.17	2.16	2.15	2.39	(0.01)	(0.05)	(0.04)	(1.84)	(1.99)	(2.10)	(0.29)	0.28	0.24
1999	Wet	3.88	(0.35)	2.42	2.01	(0.03)	(3.90)	(2.48)	0.09	2.14	2.15	2.16	2.14	0.85
2000	Above Normal	2.13	2.12	2.11	2.28	0.29	(0.35)	(0.09)	0.26	2.18	2.32	2.27	2.18	1.48
2001	Dry	1.85	1.84	1.73	0.35	(1.42)	(0.39)	0.22	0.29	0.67	0.67	0.63	0.59	0.59
2002	Dry	0.51	0.48	0.44	0.38	0.04	(0.02)	(0.15)	(0.15)	(0.14)	(0.13)	(0.14)	(0.13)	0.08
2003	Above Normal	(0.12)	1.29	(1.50)	0.53	0.46	0.17	(0.01)	(0.01)	1.39	1.38	1.38	1.39	0.53
	Average	1.62	1.76	2.58	0.42	(0.55)	(0.52)	0.14	(0.33)	0.18	1.02	0.71	0.71	0.65
	Wet	1.26	1.73	1.64	(0.73)	(0.93)	(1.68)	(0.25)	(0.36)	1.14	1.58	1.64	1.79	0.57
	Above Normal	1.05	0.41	1.30	1.18	0.08	0.16	(0.16)	0.43	0.23	2.77	2.74	2.56	1.06
	Below Normal	2.35	1.00	0.98	0.44	(1.20)	0.49	1.35	(1.62)	(1.84)	2.55	2.54	2.44	0.79
	Dry	1.83	3.36	6.20	1.39	(0.18)	(0.45)	(0.29)	(0.23)	0.79	0.34	0.19	0.35	1.11
	Critical	1.81	1.66	2.32	0.69	(0.17)	0.06	0.54	0.31	(0.52)	(2.69)	(4.69)	(4.99)	(0.47)

Percent Difference in Energy Use (GWh) At Pumping Plant at Teerink: Alternative4_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	43%	1%	1%	2%	4%	8%	8%	9%	8%
1923	Below Normal	9%	9%	9%	0%	0%	18%	31%	-50%	-92%	26%	26%	27%
1924	Critical	35%	37%	43%	55%	43%	20%	14%	15%	-22%	-93%	-92%	-93%
1925	Dry	153%	380%	651%	75%	28%	-42%	-4%	-15%	-13%	-14%	-14%	-14%
1926	Dry	-15%	-15%	-15%	13%	0%	6%	4%	8%	4%	10%	10%	10%
1927	Wet	-13%	27%	28%	13%	-4%	0%	-2%	-2%	2%	2%	1%	2%
1928	Above Normal	2%	3%	3%	3%	-2%	-4%	-2%	6%	-41%	20%	18%	17%
1929	Critical	11%	11%	7%	-23%	-25%	-13%	12%	3%	4%	-15%	-92%	-78%
1930	Dry	45%	61%	506%	60%	-1%	0%	-2%	-1%	-10%	0%	-1%	-2%
1931	Critical	-6%	-9%	-9%	2%	-1%	2%	1%	1%	1%	1%	-23%	-94%
1932	Dry	-6%	117%	225%	19%	1%	3%	0%	0%	5%	5%	5%	5%
1933	Critical	8%	9%	12%	20%	0%	4%	3%	1%	2%	4%	6%	7%
1934	Critical	-3%	-3%	84%	13%	4%	-3%	-4%	-5%	-5%	-5%	-67%	0%
1935	Below Normal	52%	-18%	-18%	-1%	0%	1%	2%	2%	27%	4%	4%	4%
1936	Below Normal	5%	6%	7%	14%	0%	-5%	0%	0%	4%	4%	4%	4%
1937	Below Normal	5%	5%	6%	0%	0%	12%	-2%	-1%	3%	3%	3%	3%
1938	Wet	3%	4%	-2%	0%	0%	-2%	2%	-6%	-6%	2%	-1%	4%
1939	Dry	4%	5%	5%	3%	0%	-1%	-8%	1%	26%	3%	3%	3%
1940	Above Normal	4%	-25%	15%	3%	-13%	-2%	0%	0%	4%	3%	3%	4%
1941	Wet	5%	6%	6%	0%	0%	-3%	0%	0%	5%	5%	4%	5%
1942	Wet	6%	6%	3%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1943	Wet	5%	5%	6%	1%	0%	2%	2%	0%	4%	4%	3%	4%
1944	Dry	5%	5%	6%	-8%	-12%	-7%	0%	0%	4%	3%	3%	4%
1945	Below Normal	5%	6%	8%	11%	0%	-8%	0%	0%	4%	4%	4%	4%
1946	Below Normal	5%	5%	5%	4%	0%	0%	0%	0%	5%	5%	5%	5%
1947	Dry	5%	6%	7%	4%	0%	0%	0%	0%	3%	3%	3%	3%
1948	Below Normal	3%	3%	4%	2%	-2%	-1%	0%	2%	-3%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-3%	-3%	-1%	0%	0%	69%	2%	2%	2%
1951	Above Normal	3%	3%	-1%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1952	Wet	5%	5%	6%	3%	0%	0%	0%	-4%	-4%	1%	0%	1%
1953	Wet	2%	2%	9%	3%	0%	-7%	-17%	-2%	4%	3%	3%	4%
1954	Above Normal	6%	6%	8%	11%	6%	4%	1%	1%	5%	1%	2%	2%
1955	Dry	3%	3%	4%	7%	0%	0%	-1%	-1%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	-14%	0%	0%	0%	0%	4%	4%	4%	4%
1957	Above Normal	4%	5%	6%	3%	0%	0%	0%	0%	98%	3%	3%	4%
1958	Wet	5%	6%	7%	17%	0%	0%	0%	0%	4%	4%	4%	4%
1959	Below Normal	4%	5%	6%	3%	0%	-2%	-2%	-2%	-26%	3%	2%	3%
1960	Dry	4%	4%	5%	10%	-1%	1%	0%	0%	4%	-1%	3%	-2%
1961	Dry	-1%	-2%	-1%	5%	4%	2%	0%	0%	0%	0%	1%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	85%	3%	3%	4%
1963	Wet	5%	5%	7%	8%	0%	0%	0%	0%	4%	4%	4%	5%
1964	Dry	5%	6%	4%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	3%	5%	5%	5%
1966	Below Normal	6%	6%	7%	3%	-1%	0%	0%	0%	3%	3%	3%	3%
1967	Wet	4%	5%	6%	9%	0%	0%	0%	0%	0%	4%	4%	4%
1968	Below Normal	5%	2%	-1%	3%	0%	0%	0%	2%	5%	6%	6%	6%
1969	Wet	5%	5%	5%	-24%	0%	0%	-1%	-1%	-1%	4%	3%	4%
1970	Wet	4%	6%	6%	0%	0%	0%	-3%	0%	4%	4%	4%	5%
1971	Wet	5%	6%	7%	3%	0%	0%	0%	0%	1%	3%	3%	3%
1972	Below Normal	4%	5%	6%	12%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1974	Wet	5%	5%	6%	3%	0%	-5%	5%	-1%	3%	3%	3%	3%
1975	Wet	4%	5%	5%	2%	-1%	-4%	1%	1%	5%	5%	5%	5%
1976	Critical	6%	7%	7%	5%	1%	0%	-1%	-1%	-1%	-1%	0%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	10%	0%	1%	0%	-1%	0%
1978	Above Normal	0%	-2%	0%	0%	0%	-2%	0%	4%	8%	10%	9%	8%
1979	Below Normal	5%	6%	4%	-13%	-26%	-3%	13%	1%	5%	5%	5%	5%
1980	Above Normal	6%	7%	8%	-4%	0%	4%	-5%	-4%	1%	0%	0%	1%
1981	Dry	1%	2%	3%	5%	0%	12%	2%	2%	95%	3%	0%	4%
1982	Wet	6%	6%	8%	8%	1%	0%	0%	0%	4%	4%	4%	4%
1983	Wet	-2%	8%	0%	0%	0%	0%	0%	0%	0%	0%	5%	5%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1985	Dry	5%	5%	4%	4%	0%	0%	0%	0%	3%	3%	3%	3%
1986	Wet	4%	4%	5%	3%	0%	-23%	8%	0%	4%	4%	4%	4%
1987	Dry	5%	5%	6%	3%	0%	0%	-3%	-3%	-3%	-3%	-3%	-3%
1988	Critical	-4%	-4%	-3%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	-3%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%
1992	Critical	0%	-6%	5%	3%	0%	0%	0%	0%	0%	0%	0%	-1%
1993	Above Normal	-1%	-8%	2%	0%	0%	0%	0%	0%	4%	4%	4%	5%
1994	Critical	5%	6%	7%	5%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1996	Wet	4%	5%	6%	-44%	-39%	-19%	-2%	-2%	2%	2%	2%	2%
1997	Wet	3%	3%	4%	0%	0%	0%	1%	0%	5%	4%	4%	5%
1998	Wet	5%	6%	7%	4%	0%	0%	0%	-4%	-4%	-4%	-1%	1%
1999	Wet	9%	-1%	6%	3%	0%	-6%	-5%	0%	4%	4%	4%	5%
2000	Above Normal	5%	6%	6%	4%	1%	-1%	0%	0%	4%	4%	4%	4%
2001	Dry	5%	5%	6%	2%	-7%	-2%	1%	1%	2%	2%	2%	2%
2002	Dry	3%	4%	5%	6%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	5%	-3%	6%	3%	1%	0%	0%	25%	2%	2%	3%
	Average	6%	10%	22%	5%	-1%	-1%	1%	-1%	5%	1%	-1%	0%
	Wet	3%	5%	5%	0%	-2%	-3%	0%	-1%	2%	3%	3%	4%
	Above Normal	2%	0%	4%	6%	0%	0%	0%	1%	10%	5%	5%	5%
	Below Normal	8%	3%	3%	2%	-2%	1%	3%	-3%	6%	5%	5%	5%
	Dry	12%	33%	79%	12%	1%	-2%	-1%	0%	7%	1%	1%	1%
	Critical	4%	4%	13%	6%	2%	1%	3%	1%	-2%	-9%	-22%	-22%

Hydropower Modeling Attachment: Alternative Plan 5, CVP, Existing Conditions

Upper San Joaquin River Basin Storage Investigation, California

Prepared by:

United States Department of the Interior
Bureau of Reclamation
Mid-Pacific Region

U.S. Department of the Interior
Bureau of Reclamation

August 2014

Mission Statements

The mission of the Department of the Interior is to protect and provide access to our Nation's natural and cultural heritage and honor our trust responsibilities to Indian Tribes and our commitments to island communities.

The mission of the Bureau of Reclamation is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

Energy generated (GWh) at CVP San Luis: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	22.37	31.95	29.13	37.34	17.87	0.00	138.66
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	19.39	34.84	21.87	12.02	8.59	0.00	96.71
1924	Critical	0.00	0.00	0.00	0.00	0.00	8.54	9.94	21.03	32.03	23.30	20.44	0.00	115.28
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	17.05	37.54	23.28	9.63	10.69	0.00	98.19
1926	Dry	0.00	0.00	0.00	0.00	0.00	13.65	10.59	27.50	15.39	9.93	10.80	0.00	87.86
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	27.95	46.13	30.44	14.13	7.79	0.00	126.44
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	22.10	40.06	24.88	20.49	4.68	0.00	112.21
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	11.50	20.85	26.51	10.92	0.00	0.00	69.78
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	11.87	27.78	32.59	13.14	15.16	0.36	100.90
1931	Critical	0.00	0.00	0.00	0.00	0.00	1.41	12.38	22.21	33.66	23.39	17.92	0.00	110.97
1932	Dry	0.00	0.00	0.00	0.00	0.00	7.03	14.35	28.63	40.29	35.90	3.75	0.00	129.95
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	10.11	23.15	36.37	29.49	0.00	0.00	99.12
1934	Critical	0.00	0.00	0.00	0.00	0.00	5.75	14.02	25.02	38.38	24.33	16.80	0.00	124.30
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	10.70	31.92	13.64	15.79	25.20	0.00	97.25
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	10.71	19.78	36.51	18.79	21.95	0.00	107.74
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.14	29.83	27.69	27.46	0.00	93.12
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.00	19.94	49.89	45.04	0.00	115.56
1939	Dry	0.00	14.43	0.00	0.00	0.00	0.37	21.96	29.91	42.26	3.25	1.82	0.00	114.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	15.48	23.89	25.05	12.11	3.37	0.00	79.90
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	28.94	48.22	37.93	41.53	21.43	0.00	178.05
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	33.66	48.45	24.82	29.47	17.23	0.00	153.63
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	15.09	35.46	37.88	40.04	19.93	0.00	148.40
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	13.39	22.06	23.97	3.76	10.68	0.00	73.86
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	31.24	53.50	50.30	17.85	12.53	0.00	165.42
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	31.83	52.07	48.17	25.04	11.96	0.00	169.07
1947	Dry	0.00	0.00	0.00	0.00	0.00	8.28	19.48	37.76	39.46	10.13	8.42	0.00	123.53
1948	Below Normal	0.00	0.00	0.00	0.00	6.52	0.00	8.47	20.88	9.02	2.80	0.00	0.00	47.69
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	27.55	46.79	35.32	18.64	9.23	0.00	137.53
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	15.61	29.94	15.20	8.32	5.91	0.00	74.98
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	32.45	53.52	43.56	29.72	12.12	0.00	171.37
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	17.08	21.48	17.61	60.25	37.76	0.00	154.18
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	20.35	34.72	34.91	9.24	2.41	0.00	101.63
1954	Above Normal	0.19	0.00	0.00	0.00	0.00	0.00	18.60	27.79	22.96	11.31	0.08	0.00	80.93
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	23.24	43.66	50.92	13.58	9.47	0.00	140.87
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	31.35	54.83	31.18	33.07	21.65	0.00	172.08
1957	Above Normal	0.00	0.00	0.00	0.00	4.94	5.50	8.56	21.20	13.01	0.68	0.00	0.00	53.89
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	10.68	39.23	23.36	60.55	29.77	0.00	163.59
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	7.95	21.42	25.30	2.20	0.00	0.00	56.87
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	20.76	21.85	29.96	4.27	0.26	0.00	77.10
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	26.05	36.50	50.23	7.03	0.00	0.00	119.81
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	17.85	25.98	31.85	7.22	2.31	0.00	85.21
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	25.94	42.86	24.42	11.15	4.16	3.69	112.22
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	28.00	41.76	40.21	11.26	1.04	0.00	122.27
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	19.20	46.42	41.97	20.28	0.00	0.00	127.87
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	17.18	35.02	37.70	8.19	2.79	0.00	100.88
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	7.20	26.34	16.63	28.37	36.46	0.00	115.00
1968	Below Normal	0.00	0.00	0.00	0.00	5.15	0.00	19.28	28.91	31.88	4.59	0.00	0.00	89.81
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.96	46.55	0.00	81.51
1970	Wet	0.00	15.13	0.00	0.00	0.00	0.00	30.06	53.70	51.85	31.63	12.53	0.00	194.90
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	15.30	23.59	19.13	3.58	0.00	0.00	61.60
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	19.98	32.45	34.80	6.50	1.49	0.00	95.22
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	29.29	34.06	37.05	18.92	7.98	6.40	133.70
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	28.42	57.97	38.96	30.55	8.97	0.00	164.87
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	27.27	37.03	24.03	17.00	1.15	0.00	106.48
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	9.05	26.06	28.86	13.38	21.21	7.36	105.92
1977	Critical	0.00	0.00	0.00	0.00	0.00	4.46	5.65	15.31	26.35	16.22	0.00	2.79	70.78
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	9.22	26.95	23.40	31.51	24.00	0.00	115.08
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	27.98	30.57	47.74	16.80	7.17	0.00	130.26
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	22.67	43.71	36.32	37.72	27.02	9.43	176.87
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	12.74	23.42	29.53	4.69	1.87	0.00	72.25
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.78	33.20	64.21	37.39	0.00	155.58
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.86	2.97	0.00	10.83
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	31.84	53.65	50.22	18.43	12.49	0.00	166.63
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	18.72	40.29	34.26	14.03	6.51	0.00	113.81
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	4.53	21.12	10.80	38.50	18.50	31.23	124.68
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	17.96	26.34	30.56	2.44	10.63	0.00	87.93
1988	Critical	0.00	0.00	0.00	0.00	4.13	6.13	6.00	12.33	25.61	0.48	0.00	5.51	60.19
1989	Dry	0.00	0.00	0.00	0.00	0.00	2.26	12.25	24.16	21.81	3.17	3.57	0.00	67.22
1990	Critical	0.00	0.00	0.00	0.00	0.00	4.32	9.08	12.68	26.78	0.85	0.00	7.47	61.18
1991	Critical	0.00	0.00	0.00	0.00	0.00	1.22	6.02	16.29	18.47	11.21	0.00	0.76	53.97
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	11.92	18.53	12.59	0.00	0.00	1.60	44.64
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	22.85	32.66	12.71	11.75	4.61	0.00	84.58
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	20.54	27.86	44.18	4.51	0.00	0.00	97.09
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	10.17	0.00	19.19	22.44	29.81	0.00	81.61
1996	Wet	2.61	0.00	0.00	0.00	0.00	0.00	24.74	23.76	25.46	26.64	8.13	0.00	111.34
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	34.09	56.19	41.55	40.34	9.87	0.00	182.04
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	9.37	23.06	15.54	25.65	31.16	0.00	104.78
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	27.22	46.55	32.72	14.80	6.02	0.00	127.31
2000	Above Normal	1.65	0.00	0.00	0.00	0.00	0.00	25.01	38.49	26.23	24.88	4.17	0.00	120.43
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	17.97	37.84	35.07	0.00	16.58	0.00	107.46
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	20.14	34.16	35.56	6.33	0.03	0.00	96.22
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	19.74	24.82	26.41	10.01	3.68	0.00	84.66
	Average	0.05	0.36	0.00	0.00	0.25	0.84	17.41	30.67	29.50	18.59	11.01	0.93	109.63
	Wet	0.10	0.58	0.00	0.00	0.00	0.00	18.51	33.14	27.07	29.79	18.05	1.34	128.57
	Above Normal	0.15	0.00	0.00	0.00	0.41	0.46	20.70	33.26	26.73	20.54	9.13	1.32	112.69
	Below Normal	0.00	0.00	0.00	0.00	0.83	0.00	17.01	30.39	30.99	12.41	9.10	0.00	100.73
	Dry	0.00	0.80	0.00	0.00	0.00	1.76	18.56	32.66	33.93	9.51	6.70	0.02	103.93
	Critical	0.00	0.00	0.00	0.00	0.34	2.65	10.52	20.11	29.15	13.17	6.36	2.12	84.44

Energy generated (GWh) at CVP San Luis: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	22.16	45.86	30.13	32.40	20.68	0.00	151.23
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	19.13	34.36	21.53	11.42	11.46	0.00	97.90
1924	Critical	0.00	0.00	0.00	0.00	0.00	8.51	9.86	20.30	29.06	30.76	11.98	0.00	110.47
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	15.45	34.51	21.03	8.63	6.53	0.00	86.15
1926	Dry	0.00	0.00	0.00	0.00	0.00	14.41	11.38	28.27	16.46	7.94	10.82	0.00	89.28
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	27.53	45.52	31.02	13.27	6.61	0.00	123.95
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	22.53	40.08	24.89	20.58	4.70	0.00	112.78
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	11.50	20.85	26.53	10.94	0.00	0.00	69.82
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	11.98	27.94	32.76	12.92	15.25	0.67	101.52
1931	Critical	0.00	0.00	0.00	0.00	0.00	1.43	12.39	22.19	33.51	23.12	17.84	0.00	110.48
1932	Dry	0.00	0.00	0.00	0.00	0.00	7.03	14.34	28.61	40.22	35.77	3.71	0.00	129.68
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	10.11	23.14	36.32	29.44	0.00	0.00	99.01
1934	Critical	0.00	0.00	0.00	0.00	0.00	5.76	14.06	25.09	38.52	24.50	16.84	0.00	124.77
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	10.70	31.99	14.90	15.88	25.27	0.00	98.74
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	14.12	36.06	35.16	17.59	20.49	0.00	123.42
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.63	14.10	50.95	26.31	25.30	0.00	118.29
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	4.98	18.73	18.75	47.72	41.92	0.00	132.10
1939	Dry	0.00	9.90	0.00	0.00	0.00	0.00	19.87	25.39	36.30	0.74	0.01	0.00	92.21
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	16.56	31.45	26.05	12.24	2.03	0.00	88.33
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	28.31	48.74	36.87	39.65	20.30	0.00	173.87
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	33.28	47.62	24.42	41.53	14.88	0.00	161.73
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	20.28	39.42	29.25	36.11	16.50	0.00	141.56
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	13.18	21.74	23.60	4.11	11.10	0.00	73.73
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	30.38	52.14	48.37	16.46	11.53	0.00	158.88
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	31.21	51.17	46.96	23.92	11.23	0.00	164.49
1947	Dry	0.00	0.00	0.00	0.00	0.00	8.33	19.59	37.94	39.66	10.26	8.47	0.00	124.25
1948	Below Normal	0.00	0.00	0.00	0.00	6.56	0.00	8.46	20.80	8.90	2.69	0.00	0.00	47.41
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	27.59	46.85	35.34	18.67	9.18	0.00	137.63
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	15.59	29.90	15.15	8.31	5.88	0.00	74.83
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	32.45	53.52	43.56	29.72	12.12	0.00	171.37
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	25.65	26.54	16.74	56.11	34.51	0.00	159.55
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	19.73	34.19	34.13	8.37	1.58	0.00	98.00
1954	Above Normal	0.03	0.00	0.00	0.00	0.00	0.00	18.92	28.53	23.42	11.65	0.11	0.00	82.66
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	23.17	43.54	50.77	13.51	9.53	0.00	140.52
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	31.35	54.83	31.17	33.05	21.64	0.00	172.04
1957	Above Normal	0.00	0.00	0.00	0.00	4.95	5.51	8.57	21.20	13.01	0.69	0.00	0.00	53.93
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	19.90	41.80	20.54	55.43	26.28	0.00	163.95
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	11.49	19.67	24.31	2.14	0.00	0.00	57.61
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	20.86	22.07	30.12	4.35	0.39	0.00	77.79
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	26.08	36.59	50.36	7.10	0.00	0.00	120.13
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	17.85	25.98	31.86	7.22	2.32	0.00	85.23
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	25.71	42.50	24.00	10.82	3.95	3.94	110.92
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	28.06	41.85	40.34	11.35	1.07	0.00	122.67
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	18.48	43.46	39.05	17.74	0.00	0.00	118.73
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	21.61	34.36	36.96	7.72	2.56	0.00	103.21
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	16.12	30.12	15.87	42.43	31.45	0.00	135.99
1968	Below Normal	0.00	0.00	0.00	0.00	5.07	0.00	18.88	27.79	30.69	4.03	0.00	0.00	86.46
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	3.64	0.00	0.00	34.91	46.47	0.00	85.02
1970	Wet	0.00	15.15	0.00	0.00	0.00	0.00	30.07	53.74	51.93	21.10	12.54	0.00	184.53
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	15.24	23.41	19.05	3.56	0.00	0.00	61.26
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	19.99	32.48	34.83	6.52	1.50	0.00	95.32
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	29.29	49.33	36.23	16.97	7.01	0.00	138.83
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	33.66	56.41	34.43	40.41	6.60	0.00	171.51
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	27.77	38.21	24.78	17.77	1.28	0.00	109.81
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	9.01	25.98	28.73	12.95	21.22	7.42	105.31
1977	Critical	0.00	0.00	0.00	0.00	0.00	4.49	5.67	15.30	26.31	16.11	0.00	2.78	70.66
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	12.43	26.94	17.86	42.76	22.77	0.00	122.76
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	27.90	41.65	44.75	14.43	9.28	0.00	138.01
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	22.31	43.36	36.74	45.33	6.21	1.27	155.22
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	12.48	23.49	28.69	3.82	1.56	0.00	70.04
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.04	32.67	62.22	35.62	0.00	157.55
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.86	2.97	0.00	10.83
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	31.84	53.65	50.22	18.43	12.49	0.00	166.63
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	18.72	40.29	34.26	14.03	6.51	0.00	113.81
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	4.93	24.06	11.90	37.48	18.28	30.84	127.49
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	17.46	25.35	29.92	2.57	10.39	0.00	85.69
1988	Critical	0.00	0.00	0.00	0.00	4.06	6.08	5.93	12.26	25.50	0.65	0.00	5.44	59.92
1989	Dry	0.00	0.00	0.00	0.00	0.00	2.26	12.35	24.26	21.90	3.23	3.91	0.00	67.91
1990	Critical	0.00	0.00	0.00	0.00	0.00	4.32	9.06	12.63	26.72	0.84	0.00	7.44	61.01
1991	Critical	0.00	0.00	0.00	0.00	0.00	1.22	6.00	16.26	18.46	11.40	0.00	0.76	54.10
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	11.87	18.45	12.46	0.00	0.00	1.61	44.39
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	22.63	32.41	12.47	11.51	4.50	0.00	83.52
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	20.58	27.92	44.25	4.55	0.00	0.00	97.30
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	11.72	9.87	10.70	10.61	23.84	0.00	66.74
1996	Wet	2.67	0.00	0.00	0.00	0.00	0.00	24.47	28.72	36.67	25.37	3.35	0.00	121.25
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	38.99	55.06	39.36	47.09	0.27	0.00	180.77
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	11.16	25.46	13.37	23.45	30.79	0.00	104.23
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	27.47	47.06	33.39	15.33	6.30	0.00	129.55
2000	Above Normal	1.20	0.00	0.00	0.00	0.00	0.00	24.86	38.08	25.96	24.09	3.89	0.00	118.08
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	17.97	37.81	34.89	0.00	17.20	0.00	107.87
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	20.10	34.04	35.46	6.30	0.03	0.00	95.93
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	19.70	24.74	26.34	9.96	3.65	0.00	84.39
	Average	0.05	0.31	0.00	0.00	0.25	0.85	18.17	32.01	29.16	18.55	9.98	0.76	110.08
	Wet	0.10	0.58	0.00	0.00	0.00	0.00	20.47	35.24	26.16	29.53	16.17	1.34	129.60
	Above Normal	0.10	0.00	0.00	0.00	0.41	0.46	21.03	36.29	26.39	21.49	7.31	0.11	113.59
	Below Normal	0.00	0.00	0.00	0.00	0.83	0.00	17.78	32.32	31.81	11.76	9.06	0.00	103.56
	Dry	0.00	0.55	0.00	0.00	0.00	1.78	18.37	32.25	33.45	9.18	6.43	0.04	102.05
	Critical	0.00	0.00	0.00	0.00	0.34	2.65	10.50	20.03	28.86	13.77	5.66	2.12	83.94

Difference in Energy generated (GWh) at CVP San Luis: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.21)	13.91	1.00	(4.94)	2.81	0.00	1.05
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.26)	(0.48)	(0.34)	(0.60)	2.87	0.00	0.10
1924	Critical	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.08)	(0.73)	(2.97)	7.46	(8.46)	0.00	(0.40)
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(1.60)	(3.03)	(2.25)	(1.00)	(4.16)	0.00	(1.00)
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.76	0.79	0.77	1.07	(1.99)	0.02	0.00	0.12
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.42)	(0.61)	0.58	(0.86)	(1.18)	0.00	(0.21)
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.02	0.01	0.09	0.02	0.00	0.05
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.16	0.17	(0.22)	0.09	0.31	0.05
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.02	0.01	(0.02)	(0.15)	(0.27)	(0.08)	0.00	(0.04)
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.07)	(0.13)	(0.04)	0.00	(0.02)
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.05)	(0.05)	0.00	0.00	(0.01)
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.07	0.14	0.17	0.04	0.00	0.04
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	1.26	0.09	0.07	0.00	0.12
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	3.41	16.28	(1.35)	(1.20)	(1.46)	0.00	1.31
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.63	5.96	21.12	(1.38)	(2.16)	0.00	2.10
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	4.29	18.73	(1.19)	(2.17)	(3.12)	0.00	1.38
1939	Dry	0.00	(4.53)	0.00	0.00	0.00	(0.37)	(2.09)	(4.52)	(5.96)	(2.51)	(1.81)	0.00	(1.82)
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.08	7.56	1.00	0.13	(1.34)	0.00	0.70
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.63)	0.52	(1.06)	(1.88)	(1.13)	0.00	(0.35)
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.38)	(0.83)	(0.40)	12.06	(2.35)	0.00	0.68
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	5.19	3.96	(8.63)	(3.93)	(3.43)	0.00	(0.57)
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.21)	(0.32)	(0.37)	0.35	0.42	0.00	(0.01)
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.86)	(1.36)	(1.93)	(1.39)	(1.00)	0.00	(0.55)
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.62)	(0.90)	(1.21)	(1.12)	(0.73)	0.00	(0.38)
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.05	0.11	0.18	0.20	0.13	0.05	0.00	0.06
1948	Below Normal	0.00	0.00	0.00	0.00	0.04	0.00	(0.01)	(0.08)	(0.12)	(0.11)	0.00	0.00	(0.02)
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.06	0.02	0.03	(0.05)	0.00	0.01
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.04)	(0.05)	(0.01)	(0.03)	0.00	(0.01)
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	8.57	5.06	(0.87)	(4.14)	(3.25)	0.00	0.45
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.62)	(0.53)	(0.78)	(0.87)	(0.83)	0.00	(0.30)
1954	Above Normal	(0.16)	0.00	0.00	0.00	0.00	0.00	0.32	0.74	0.46	0.34	0.03	0.00	0.14
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.12)	(0.15)	(0.07)	0.06	0.00	(0.03)
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.01)	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	9.22	2.57	(2.82)	(5.12)	(3.49)	0.00	0.03
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	3.54	(1.75)	(0.99)	(0.06)	0.00	0.00	0.06
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.22	0.16	0.08	0.13	0.00	0.06
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.09	0.13	0.07	0.00	0.00	0.03
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.23)	(0.36)	(0.42)	(0.33)	(0.21)	0.25	(0.11)
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.09	0.13	0.09	0.03	0.00	0.03
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.72)	(2.96)	(2.92)	(2.54)	0.00	0.00	(0.76)
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	4.43	(0.66)	(0.74)	(0.47)	(0.23)	0.00	0.19
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	8.92	3.78	(0.76)	14.06	(5.01)	0.00	1.75
1968	Below Normal	0.00	0.00	0.00	0.00	(0.08)	0.00	(0.40)	(1.12)	(1.19)	(0.56)	0.00	0.00	(0.28)
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	3.64	0.00	0.00	(0.05)	(0.08)	0.00	0.29
1970	Wet	0.00	0.02	0.00	0.00	0.00	0.00	0.01	0.04	0.08	(10.53)	0.01	0.00	(0.86)
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	(0.18)	(0.08)	(0.02)	0.00	0.00	(0.03)
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.03	0.02	0.01	0.00	0.01
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.27	(0.82)	(1.95)	(0.97)	(6.40)	0.43
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	5.24	(1.56)	(4.53)	9.86	(2.37)	0.00	0.55
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.50	1.18	0.75	0.77	0.13	0.00	0.28
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	(0.08)	(0.13)	(0.43)	0.01	0.06	(0.05)
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.03	0.02	(0.01)	(0.04)	(0.11)	0.00	(0.01)	(0.01)
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	3.21	(0.01)	(5.54)	11.25	(1.23)	0.00	0.64
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)	11.08	(2.99)	(2.37)	2.11	0.00	0.65
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.36)	(0.35)	0.42	7.61	(20.81)	(8.16)	(1.80)
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.26)	0.07	(0.84)	(0.87)	(0.31)	0.00	(0.18)
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.26	(0.53)	(1.99)	(1.77)	0.00	0.16
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.40	2.94	1.10	(1.02)	(0.22)	(0.39)	0.23
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.50)	(0.99)	(0.64)	0.13	(0.24)	0.00	(0.19)
1988	Critical	0.00	0.00	0.00	0.00	(0.07)	(0.05)	(0.07)	(0.07)	(0.11)	0.17	0.00	(0.07)	(0.02)
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.09	0.06	0.34	0.00	0.06
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.05)	(0.06)	(0.01)	0.00	(0.03)	(0.01)
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.03)	(0.01)	0.19	0.00	0.00	0.01
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	(0.08)	(0.13)	0.00	0.00	0.01	(0.02)
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.22)	(0.25)	(0.24)	(0.24)	(0.11)	0.00	(0.09)
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.06	0.07	0.04	0.00	0.00	0.02
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.55	9.87	(8.49)	(11.83)	(5.97)	0.00	(1.24)
1996	Wet	0.06	0.00	0.00	0.00	0.00	0.00	(0.27)	4.96	11.21	(1.27)	(4.78)	0.00	0.83
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	4.90	(1.13)	(2.19)	6.75	(9.60)	0.00	(0.11)
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.79	2.40	(2.17)	(2.20)	(0.37)	0.00	(0.05)
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.51	0.67	0.53	0.28	0.00	0.19
2000	Above Normal	(0.45)	0.00	0.00	0.00	0.00	0.00	(0.15)	(0.41)	(0.27)	(0.79)	(0.28)	0.00	(0.20)
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.18)	0.00	0.62	0.00	0.03
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	(0.12)	(0.10)	(0.03)	0.00	0.00	(0.02)
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	(0.08)	(0.07)	(0.05)	(0.03)	0.00	(0.02)
	Average	(0.01)	(0.06)	0.00	0.00	(0.00)	0.01	0.76	1.34	(0.34)	(0.04)	(1.03)	(0.18)	0.04
	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.97	2.10	(0.90)	(0.26)	(1.88)	(0.01)	0.09
	Above Normal	(0.05)	0.00	0.00	0.00	0.00	0.00	0.34	3.03	(0.34)	0.95	(1.83)	(1.21)	0.08
	Below Normal	0.00	0.00	0.00	0.00	(0.00)	0.00	0.77	1.93	0.82	(0.65)	(0.04)	0.00	0.24
	Dry	0.00	(0.25)	0.00	0.00	0.00	0.02	(0.19)	(0.41)	(0.48)	(0.33)	(0.27)	0.02	(0.16)
	Critical	0.00	0.00	0.00	0.00	(0.01)	(0.00)	(0.01)	(0.08)	(0.29)	0.60	(0.71)	(0.00)	(0.04)

Percent Difference in Energy generated (GWh) at CVP San Luis: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	-1%	44%	3%	-13%	16%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	-5%	33%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	-1%	-3%	-9%	32%	-41%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	-9%	-8%	-10%	-10%	-39%	0%
1926	Dry	0%	0%	0%	0%	0%	6%	7%	3%	7%	-20%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	-2%	-1%	2%	-6%	-15%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	1%	1%	1%	-2%	1%	86%
1931	Critical	0%	0%	0%	0%	0%	1%	0%	0%	0%	-1%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	9%	1%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	32%	82%	-4%	-6%	-7%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	-	73%	71%	-5%	-8%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	622%	-	-6%	-4%	-7%	0%
1939	Dry	0%	-31%	0%	0%	0%	-100%	-10%	-15%	-14%	-77%	-99%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	7%	32%	4%	1%	-40%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	-2%	1%	-3%	-5%	-5%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	-1%	-2%	-2%	41%	-14%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	34%	11%	-23%	-10%	-17%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	-2%	-1%	-2%	9%	4%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	-3%	-3%	-4%	-8%	-8%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	-2%	-2%	-3%	-4%	-6%	0%
1947	Dry	0%	0%	0%	0%	0%	1%	1%	0%	1%	1%	1%	0%
1948	Below Normal	0%	0%	0%	0%	1%	0%	0%	0%	-1%	-4%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	50%	24%	-5%	-7%	-9%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	-3%	-2%	-2%	-9%	-34%	0%
1954	Above Normal	-84%	0%	0%	0%	0%	0%	2%	3%	2%	3%	38%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	86%	7%	-12%	-8%	-12%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	45%	-8%	-4%	-3%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	1%	1%	2%	50%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	-3%	-5%	7%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	3%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	-4%	-6%	-7%	-13%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	26%	-2%	-2%	-6%	-8%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	124%	14%	-5%	50%	-14%	0%
1968	Below Normal	0%	0%	0%	0%	-2%	0%	-2%	-4%	-4%	-12%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-33%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	0%	-1%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	45%	-2%	-10%	-12%	-100%
1974	Wet	0%	0%	0%	0%	0%	0%	18%	-3%	-12%	32%	-26%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	2%	3%	3%	5%	11%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	1%
1977	Critical	0%	0%	0%	0%	0%	1%	0%	0%	0%	-1%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	35%	0%	-24%	36%	-5%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	36%	-6%	-14%	29%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	-2%	-1%	1%	20%	-77%	-87%
1981	Dry	0%	0%	0%	0%	0%	0%	-2%	0%	-3%	-19%	-17%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	30%	-2%	-3%	-5%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	9%	14%	10%	-3%	-1%	-1%
1987	Dry	0%	0%	0%	0%	0%	0%	-3%	-4%	-2%	5%	-2%	0%
1988	Critical	0%	0%	0%	0%	-2%	-1%	-1%	-1%	0%	35%	0%	-1%
1989	Dry	0%	0%	0%	0%	0%	0%	1%	0%	0%	2%	10%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	1%
1993	Above Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	-2%	-2%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	15%	-	-44%	-53%	-20%	0%
1996	Wet	2%	0%	0%	0%	0%	0%	-1%	21%	44%	-5%	-59%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	14%	-2%	-5%	17%	-97%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	19%	10%	-14%	-9%	-1%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	1%	1%	2%	4%	5%	0%
2000	Above Normal	-27%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-3%	-7%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	4%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
	Average	-1%	0%	0%	0%	0%	-1%	14%	5%	-1%	-1%	-6%	-1%
	Wet	0%	0%	0%	0%	0%	0%	38%	5%	-3%	-1%	-13%	0%
	Above Normal	-9%	0%	0%	0%	0%	0%	3%	10%	-2%	3%	-8%	-16%
	Below Normal	0%	0%	0%	0%	0%	0%	7%	12%	4%	-5%	2%	0%
	Dry	0%	-2%	0%	0%	0%	-5%	-1%	-1%	-1%	-6%	-5%	5%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-1%	5%	-3%	0%

Energy generated (GWh) at Folsom Dam: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	24.40	35.55	30.68	26.53	70.51	54.73	71.94	149.17	147.64	50.70	70.16	81.67	813.68
1923	Below Normal	28.56	40.60	92.27	72.12	63.62	29.42	49.95	80.17	51.35	89.89	31.37	66.10	695.42
1924	Critical	40.74	30.01	31.14	25.63	20.12	11.99	11.69	12.10	11.31	11.62	11.39	10.29	228.03
1925	Dry	11.85	11.01	11.67	11.90	85.32	34.87	78.26	79.83	67.75	87.99	52.64	26.51	559.60
1926	Dry	24.92	30.49	32.12	26.86	41.34	17.20	51.71	29.89	50.84	48.89	32.50	15.25	402.01
1927	Wet	22.19	23.01	25.36	57.15	117.83	75.03	124.16	83.77	94.65	84.63	31.42	81.72	820.92
1928	Above Normal	27.35	61.92	31.43	27.67	25.94	132.91	78.18	31.92	51.72	84.67	39.67	37.37	630.75
1929	Critical	22.62	23.36	25.00	20.66	15.88	18.40	18.28	22.54	26.59	27.11	26.15	21.54	268.13
1930	Dry	15.23	14.87	16.54	16.94	15.91	42.99	29.32	31.03	47.51	72.05	34.79	23.10	360.28
1931	Critical	22.93	24.39	25.44	21.06	16.00	14.76	14.65	15.25	15.33	19.18	16.82	23.99	229.80
1932	Dry	19.51	10.54	9.84	11.91	35.02	36.28	29.46	61.69	88.07	62.42	67.48	57.85	490.07
1933	Critical	31.41	39.22	31.24	25.88	19.54	21.99	23.36	23.46	49.21	56.66	38.85	20.82	381.64
1934	Critical	23.35	21.84	13.84	12.46	11.05	13.10	32.73	40.55	52.64	11.55	27.67	17.48	278.26
1935	Below Normal	10.68	9.70	9.77	10.99	10.52	26.65	91.87	74.21	77.45	89.68	31.22	59.93	502.67
1936	Below Normal	47.26	29.98	31.48	80.09	122.37	68.83	87.93	71.36	85.18	89.92	31.43	81.78	827.61
1937	Below Normal	24.74	30.13	31.44	25.99	45.22	70.63	70.75	70.32	39.96	89.53	43.01	45.00	586.72
1938	Wet	25.29	44.34	106.33	45.04	119.88	135.29	128.40	149.09	147.80	66.54	75.34	78.87	1,122.21
1939	Dry	24.87	35.74	31.88	26.58	20.14	13.34	25.68	23.98	27.59	44.46	19.11	12.60	305.97
1940	Above Normal	19.25	18.40	18.73	46.51	122.96	133.61	100.57	56.29	34.66	89.36	38.60	79.44	758.38
1941	Wet	26.71	48.24	30.73	84.36	114.12	79.36	60.56	88.72	59.08	45.49	73.49	81.33	792.19
1942	Wet	28.81	47.62	67.39	132.79	119.12	39.84	96.63	117.16	128.13	60.43	76.23	81.90	996.05
1943	Wet	28.00	76.15	51.57	131.65	103.12	131.94	84.65	45.48	54.29	89.80	31.36	81.65	909.66
1944	Dry	43.34	40.57	29.51	24.48	19.44	21.83	22.73	24.49	37.46	59.61	45.05	28.40	396.91
1945	Below Normal	22.37	23.47	25.74	26.16	109.58	33.17	36.42	61.67	48.73	89.65	32.60	80.71	590.27
1946	Below Normal	30.03	42.58	132.98	82.07	37.19	49.69	58.96	64.78	36.03	89.41	45.71	62.25	731.68
1947	Dry	30.06	29.88	32.03	26.99	20.82	36.57	23.70	25.03	49.39	51.76	36.62	25.24	388.09
1948	Below Normal	22.34	22.06	22.63	19.50	15.83	26.48	27.87	61.44	91.85	61.35	54.90	67.32	493.57
1949	Dry	25.26	38.20	32.32	27.06	20.60	43.34	54.85	45.38	32.55	88.46	57.95	29.37	495.34
1950	Below Normal	24.35	29.50	30.73	40.85	79.65	51.48	76.37	71.62	71.80	89.80	31.32	63.98	661.45
1951	Above Normal	44.23	120.88	110.10	108.02	101.77	58.09	53.94	65.59	31.88	88.97	33.34	71.35	888.16
1952	Wet	23.93	40.34	71.11	133.05	124.16	99.22	137.96	148.42	147.24	80.00	84.23	73.95	1,163.61
1953	Wet	25.88	60.67	31.86	107.69	33.90	28.75	42.28	51.23	110.89	72.72	69.61	69.33	704.81
1954	Above Normal	35.09	46.99	31.89	27.17	43.46	72.77	71.11	31.75	31.19	85.98	29.35	35.84	542.59
1955	Dry	24.15	29.24	31.04	26.46	35.57	27.73	27.43	29.54	29.45	45.23	49.10	26.12	381.06
1956	Wet	23.68	28.20	121.72	122.15	87.23	31.44	48.40	121.20	103.81	56.78	76.52	77.28	898.41
1957	Above Normal	25.73	57.54	30.94	25.88	24.49	73.55	29.05	51.07	51.58	89.42	45.85	51.25	556.35
1958	Wet	24.80	30.39	32.78	46.04	119.29	107.09	137.26	148.94	135.76	55.89	77.87	70.24	986.35
1959	Below Normal	25.27	55.94	30.98	26.22	25.55	16.86	17.04	18.01	24.73	79.70	18.10	15.70	354.10
1960	Dry	22.35	21.98	22.95	19.16	17.00	54.40	31.85	30.70	30.23	31.65	46.73	28.62	357.62
1961	Dry	24.13	29.26	30.76	25.49	19.37	17.26	17.34	18.51	18.49	48.27	17.15	15.53	281.56
1962	Below Normal	12.90	12.46	13.47	10.97	38.34	33.16	64.13	32.25	35.97	89.18	48.25	39.01	430.09
1963	Wet	70.36	69.12	54.48	64.41	115.06	27.85	108.30	125.02	57.13	81.19	31.38	81.55	885.85
1964	Dry	30.74	56.88	36.48	37.68	25.83	28.44	27.95	29.86	29.56	58.52	47.72	32.67	442.33
1965	Wet	22.65	24.36	112.59	114.89	70.84	27.35	91.22	65.00	64.20	90.00	37.60	81.91	802.61
1966	Below Normal	46.02	33.36	31.52	27.62	25.12	18.90	22.27	20.79	20.56	77.12	25.19	18.15	366.62
1967	Wet	23.42	27.03	47.78	107.92	64.44	95.56	64.78	147.44	147.24	73.40	76.93	76.97	952.91
1968	Below Normal	25.22	55.98	33.10	27.29	100.40	33.15	24.31	25.62	25.22	74.76	23.03	22.10	470.18
1969	Wet	22.47	24.16	26.41	125.58	117.29	56.14	105.52	149.25	116.69	73.89	61.91	73.18	952.49
1970	Wet	24.88	35.88	88.50	122.29	83.67	39.42	28.64	30.90	30.72	85.75	30.43	75.65	676.73
1971	Wet	22.30	24.48	70.48	76.05	50.13	65.23	40.79	64.02	88.64	69.27	56.74	71.52	699.65
1972	Below Normal	25.10	53.10	32.23	31.88	46.49	67.85	29.20	31.38	37.44	80.95	34.91	24.34	494.87
1973	Above Normal	24.24	29.94	55.85	132.49	101.02	56.63	38.29	76.58	54.54	80.93	30.39	55.55	736.45
1974	Wet	24.79	109.42	115.35	128.80	61.06	131.72	106.02	85.02	74.60	60.58	77.29	71.55	1,046.20
1975	Wet	25.30	57.28	31.28	26.47	36.12	74.72	34.88	92.33	111.14	54.94	72.01	70.84	687.31
1976	Critical	25.40	72.38	31.64	26.36	20.58	13.05	12.89	13.55	14.08	17.59	14.03	13.32	274.87
1977	Critical	12.03	11.48	11.51	10.68	9.89	4.87	4.86	4.35	4.96	5.08	16.77	4.13	100.61
1978	Above Normal	5.45	6.15	6.41	36.40	69.86	91.42	68.54	75.53	79.55	88.59	31.36	65.67	624.93
1979	Below Normal	28.01	40.06	31.59	26.73	47.27	55.84	30.38	76.36	47.57	79.48	30.43	46.13	539.85
1980	Above Normal	24.93	38.10	36.40	124.91	112.71	58.16	48.43	52.86	57.58	54.45	88.85	66.85	764.23
1981	Dry	35.23	43.07	30.57	26.23	23.93	14.81	15.63	16.63	18.53	48.95	24.66	15.61	313.85
1982	Wet	22.80	78.71	122.56	116.16	103.07	115.85	133.61	149.18	107.89	57.89	76.30	76.71	1,160.73
1983	Wet	35.21	126.45	132.72	119.68	117.24	131.02	109.31	148.76	145.94	108.44	88.53	84.34	1,347.64
1984	Wet	28.36	126.70	115.25	90.96	74.35	47.78	34.04	47.86	42.44	89.61	31.17	81.07	809.59
1985	Dry	30.33	50.97	40.85	28.18	25.77	25.01	30.79	27.66	51.95	52.61	40.14	22.71	426.97
1986	Wet	22.85	31.60	26.26	48.47	104.99	125.92	46.25	48.80	65.68	87.96	53.72	63.17	725.67
1987	Dry	23.67	28.47	29.55	24.38	18.64	12.09	12.66	19.39	23.34	46.96	11.27	10.72	261.14
1988	Critical	10.96	11.61	11.46	11.51	18.86	13.70	12.08	12.97	19.06	17.76	12.30	11.57	163.84
1989	Dry	12.89	12.67	13.40	13.75	11.41	133.15	65.74	61.53	77.02	56.98	38.17	30.53	527.24
1990	Critical	22.56	24.35	25.64	21.36	16.40	19.13	19.47	20.28	26.27	28.79	24.27	19.40	267.92
1991	Critical	20.59	18.67	18.89	15.16	10.80	12.88	14.85	16.63	28.25	56.23	64.05	20.40	297.40
1992	Critical	10.74	10.42	10.66	10.61	10.39	4.37	22.19	25.89	28.14	66.93	4.12	4.14	208.60
1993	Above Normal	6.89	5.54	9.80	16.71	87.35	116.92	68.72	94.53	94.02	68.67	47.21	66.71	683.07
1994	Critical	25.29	57.06	31.24	25.88	19.39	20.85	20.53	21.57	23.17	28.89	22.18	20.23	316.28
1995	Wet	16.11	15.84	17.23	123.74	74.91	128.87	114.51	148.40	147.28	89.57	80.89	74.19	1,031.54
1996	Wet	45.61	41.20	38.49	88.22	118.65	101.69	77.95	143.71	58.92	66.54	51.36	77.46	909.80
1997	Wet	41.28	57.52	125.53	109.37	82.90	26.87	28.49	31.34	31.07	86.53	29.75	76.41	727.06
1998	Wet	33.46	22.54	25.11	68.06	117.37	99.41	86.96	110.20	147.00	76.90	79.05	75.84	941.90
1999	Wet	25.41	64.40	47.87	91.75	117.18	66.41	40.97	88.07	86.43	72.98	46.37	80.16	828.00
2000	Above Normal	28.64	49.15	30.78	38.94	121.99	66.01	40.60	39.41	35.67	87.90	32.06	41.86	613.01
2001	Dry	26.01	36.87	30.91	25.66	19.33	15.48	15.84	17.14	17.01	49.66	19.67	15.18	288.76
2002	Dry	17.20	11.81	20.45	56.18	50.91	53.04	34.76	31.75	31.61	87.78	42.13	25.26	462.88
2003	Above Normal	37.22	29.28	35.81	58.14	38.50	28.19	35.59	90.71	50.57	89.30	32.03	62.32	587.66
	Average	25.89	38.92	42.27	52.97	58.91	53.80	52.54	61.44	60.32	66.55	43.16	49.09	605.87
	Wet	28.33	51.37	66.80	95.49	94.15	80.38	81.25	101.13	96.33	74.53	60.67	76.49	906.92
	Above Normal	25.29	41.62	35.74	55.78	76.71	78.58	58.75	67.95	60.05	79.91	43.24	59.66	683.27
	Below Normal	26.63	34.21	39.28	36.32	54.80	41.58	49.10	54.28	49.56	83.60	34.39	49.46	553.22
	Dry	24.54	29.58	26.83	25.33	28.13	34.88	33.09	33.56	40.46	57.90	37.94	24.52	396.76
	Critical	22.39	28.73	22.31	18.94	15.74	14.09	17.30	19.10	24.92	28.95	23.22	15.61	251.28

Energy generated (GWh) at Folsom Dam: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	24.40	35.55	30.68	26.53	70.51	54.73	71.94	149.17	147.64	50.70	70.16	81.67	813.68
1923	Below Normal	29.27	43.02	88.81	72.12	64.70	29.36	48.75	80.21	51.41	89.89	31.49	66.10	695.13
1924	Critical	47.97	29.63	30.70	25.21	19.77	11.78	11.48	11.88	9.59	9.91	9.75	8.76	226.43
1925	Dry	11.84	11.01	11.67	11.90	85.18	34.87	78.26	79.82	65.55	88.19	53.50	25.10	556.89
1926	Dry	25.02	31.17	32.23	26.96	43.47	17.23	51.62	30.22	48.05	48.58	33.73	15.25	403.53
1927	Wet	22.27	23.50	26.10	57.48	117.84	75.03	124.16	83.77	94.65	84.63	31.92	81.67	823.02
1928	Above Normal	27.66	61.22	31.42	27.66	25.93	132.90	78.17	31.92	51.77	84.66	39.43	37.29	630.03
1929	Critical	22.63	23.38	25.02	20.67	16.03	18.26	18.28	22.54	26.60	27.12	26.16	21.55	268.24
1930	Dry	15.38	14.84	16.60	17.00	15.97	42.82	29.32	31.03	47.49	71.79	34.88	23.11	360.23
1931	Critical	22.94	24.40	25.46	21.08	16.03	14.74	14.65	15.26	15.35	19.12	14.37	24.24	227.64
1932	Dry	19.80	10.67	10.45	11.46	38.24	36.28	29.46	61.69	88.07	62.42	67.48	57.85	493.87
1933	Critical	31.27	39.11	31.26	25.89	19.55	22.00	23.38	23.47	49.26	56.74	38.89	20.96	381.78
1934	Critical	23.20	21.84	13.84	12.47	11.05	13.11	32.74	40.59	52.68	11.56	27.68	17.57	278.33
1935	Below Normal	10.68	9.70	9.77	10.99	10.52	26.65	91.87	74.21	77.45	89.68	31.22	59.93	502.67
1936	Below Normal	47.31	29.98	31.48	80.03	122.37	68.83	87.93	71.36	85.18	89.92	31.43	81.78	827.60
1937	Below Normal	24.74	30.13	31.44	25.99	45.22	70.63	70.75	70.32	39.96	89.53	42.95	45.06	586.72
1938	Wet	25.29	44.34	106.33	45.04	119.88	135.29	128.40	149.09	147.80	62.48	76.53	81.43	1,121.90
1939	Dry	24.89	38.07	31.78	26.49	20.06	13.33	25.79	24.55	27.07	43.74	17.68	12.62	306.07
1940	Above Normal	19.19	18.35	18.68	46.54	122.96	133.61	100.57	56.29	34.66	89.36	43.82	78.83	762.86
1941	Wet	26.56	45.63	30.57	81.57	114.12	79.36	60.56	88.72	59.08	45.49	73.49	81.33	786.48
1942	Wet	28.69	47.73	67.41	132.79	119.12	39.84	96.63	117.16	128.13	60.43	76.23	81.90	996.06
1943	Wet	28.00	76.10	51.63	131.65	103.12	131.94	84.65	45.48	54.29	89.64	31.36	81.67	909.53
1944	Dry	42.01	43.73	29.39	24.36	19.35	21.75	22.66	24.42	37.41	58.88	44.51	28.24	396.71
1945	Below Normal	22.34	23.29	25.50	25.93	109.63	33.17	36.45	61.70	48.77	89.65	41.06	70.16	587.65
1946	Below Normal	29.47	44.43	133.09	82.08	37.20	49.69	58.96	64.78	36.03	89.41	45.77	63.21	734.12
1947	Dry	28.84	29.89	32.04	27.00	20.82	36.74	23.70	25.03	49.18	51.81	36.67	25.36	387.08
1948	Below Normal	22.34	22.06	22.62	19.50	15.83	26.48	27.87	61.44	91.85	61.39	54.86	67.32	493.56
1949	Dry	25.26	38.20	32.32	27.06	20.60	43.34	54.85	45.38	32.55	88.46	57.39	29.39	494.80
1950	Below Normal	24.37	29.54	30.76	41.42	79.65	51.48	76.37	71.62	71.80	89.80	31.32	63.98	662.11
1951	Above Normal	44.23	120.88	110.10	108.02	101.77	58.09	53.94	65.59	31.88	88.97	33.34	71.35	888.16
1952	Wet	23.93	40.33	71.11	133.05	124.16	99.22	137.96	148.42	147.24	80.00	84.23	73.95	1,163.60
1953	Wet	26.81	64.17	31.60	102.72	33.90	28.75	42.29	51.23	110.89	72.72	69.61	69.33	704.02
1954	Above Normal	35.09	46.57	31.91	27.19	43.92	72.77	71.11	31.75	31.19	85.98	29.35	35.84	542.67
1955	Dry	24.15	29.24	31.04	26.46	35.59	27.73	27.43	29.54	29.45	45.24	49.05	25.89	380.81
1956	Wet	23.69	28.28	121.75	122.15	87.23	31.44	48.40	121.20	103.81	56.78	76.52	77.27	898.52
1957	Above Normal	25.72	57.55	30.94	25.88	24.49	73.55	29.05	51.07	51.58	89.42	45.85	51.25	556.35
1958	Wet	24.80	30.39	32.78	46.04	119.29	107.09	137.26	148.94	135.76	55.89	77.87	70.24	986.35
1959	Below Normal	25.27	56.22	30.97	26.20	25.26	16.85	17.03	18.01	24.75	79.87	18.00	15.69	354.12
1960	Dry	22.35	21.95	22.91	19.13	16.98	54.42	31.86	30.70	30.23	31.66	46.73	28.63	357.55
1961	Dry	24.13	29.25	30.76	25.48	19.37	17.26	17.34	18.51	18.49	48.26	17.15	15.51	281.51
1962	Below Normal	12.92	12.45	13.47	10.97	38.32	33.16	64.13	32.26	35.97	89.18	48.26	39.01	430.10
1963	Wet	70.36	69.12	54.48	64.41	115.06	27.85	108.30	125.02	57.13	81.19	31.38	81.55	885.85
1964	Dry	30.67	56.95	36.43	37.73	25.83	28.44	27.95	29.86	29.56	58.52	47.72	32.67	442.33
1965	Wet	22.65	24.36	112.59	114.89	70.84	27.35	91.22	65.00	64.20	90.00	37.60	81.91	802.61
1966	Below Normal	45.78	32.88	31.56	27.66	25.15	18.91	23.11	20.78	20.56	77.53	25.02	18.14	367.08
1967	Wet	23.41	26.96	47.61	107.92	64.44	95.56	64.78	147.44	147.24	73.40	76.93	77.43	953.12
1968	Below Normal	25.20	62.23	31.69	27.01	94.11	33.15	24.31	25.63	25.22	75.40	23.00	22.06	469.01
1969	Wet	22.43	23.95	26.13	125.56	117.29	56.14	105.52	149.25	116.69	74.00	62.18	72.79	951.93
1970	Wet	24.88	35.70	88.70	122.29	83.67	39.42	28.64	30.90	30.72	85.75	30.43	75.65	676.75
1971	Wet	22.30	24.48	70.48	76.05	50.13	65.23	40.79	64.02	88.64	69.27	56.74	71.52	699.65
1972	Below Normal	25.10	53.09	32.24	31.88	46.49	67.85	29.20	31.38	37.44	80.95	34.91	24.34	494.87
1973	Above Normal	24.24	29.94	55.84	132.49	101.02	56.63	38.29	76.58	54.54	80.93	30.39	59.31	740.20
1974	Wet	24.65	105.37	115.35	128.80	61.06	131.72	106.02	85.02	74.60	60.58	77.29	71.55	1,042.01
1975	Wet	25.30	56.89	31.30	26.49	36.55	74.72	34.88	92.33	111.14	54.96	71.99	70.85	687.40
1976	Critical	25.40	72.47	31.63	26.35	20.57	13.05	12.90	13.55	14.05	17.63	14.03	13.32	274.95
1977	Critical	12.02	11.48	11.51	10.67	9.89	4.87	4.86	4.35	4.96	5.07	16.68	4.13	100.49
1978	Above Normal	5.45	6.15	6.41	36.40	69.86	91.42	68.54	75.53	79.55	88.59	31.36	65.66	624.92
1979	Below Normal	28.00	44.30	31.34	26.52	42.76	55.84	30.42	76.42	47.77	82.35	30.31	45.93	541.96
1980	Above Normal	24.83	35.32	36.42	124.91	112.71	58.16	48.43	52.86	57.58	76.45	86.79	57.29	771.75
1981	Dry	27.16	36.05	30.74	26.39	24.07	14.83	15.64	16.63	18.65	49.23	25.88	15.26	300.53
1982	Wet	22.90	80.79	122.56	116.16	103.07	115.85	133.61	149.18	107.89	57.89	76.30	76.71	1,162.91
1983	Wet	35.21	126.45	132.72	119.68	117.24	131.02	109.31	148.76	145.94	108.44	88.53	84.34	1,347.64
1984	Wet	28.36	126.70	115.25	90.96	74.35	47.78	34.04	47.86	42.44	89.61	31.17	81.07	809.59
1985	Dry	30.33	50.97	40.85	28.18	25.77	25.01	30.79	27.66	51.95	52.61	40.14	22.71	426.97
1986	Wet	22.85	31.60	26.26	48.47	104.99	125.92	46.25	48.80	65.68	87.96	52.39	64.29	725.46
1987	Dry	23.69	28.55	29.64	24.45	18.69	12.09	12.66	19.51	23.26	46.27	11.30	10.75	260.86
1988	Critical	10.99	11.64	11.49	11.52	19.70	13.73	12.08	12.96	19.05	17.70	12.30	11.57	164.73
1989	Dry	12.86	12.64	13.37	13.72	11.41	133.15	65.74	61.58	77.01	57.02	38.15	30.54	527.19
1990	Critical	22.56	24.34	25.63	21.36	16.40	19.13	19.47	20.28	26.25	28.77	24.25	19.40	267.84
1991	Critical	20.56	18.64	18.87	15.14	10.78	12.86	14.83	16.62	28.26	56.26	64.62	20.37	297.81
1992	Critical	10.72	10.40	10.64	10.59	10.37	4.36	22.17	25.72	27.98	66.88	4.11	4.14	208.08
1993	Above Normal	6.89	5.54	9.80	16.71	87.35	116.92	68.72	94.53	94.02	68.65	47.22	66.71	683.06
1994	Critical	25.29	57.01	31.24	25.88	19.40	20.86	20.53	21.57	23.17	28.92	22.21	20.23	316.31
1995	Wet	16.11	15.84	17.24	123.74	74.91	128.87	114.51	148.40	147.28	89.57	80.89	74.19	1,031.55
1996	Wet	45.61	45.47	33.93	88.22	118.65	101.69	77.95	143.71	58.92	66.54	51.36	77.46	909.51
1997	Wet	41.33	57.69	125.50	109.37	82.90	26.87	28.49	31.34	31.07	86.53	29.75	76.41	727.25
1998	Wet	33.46	22.54	25.11	68.06	117.37	99.41	86.96	110.20	147.00	76.90	79.05	75.84	941.90
1999	Wet	25.41	64.40	47.87	91.75	117.18	66.41	40.97	88.07	86.43	72.99	46.36	80.17	828.01
2000	Above Normal	28.93	48.97	30.77	38.82	121.99	66.01	40.60	39.41	35.66	87.91	32.08	41.86	613.01
2001	Dry	26.00	36.87	30.91	25.66	19.33	15.48	15.84	17.14	17.01	49.37	19.78	15.18	288.57
2002	Dry	17.38	11.82	20.47	56.18	50.91	53.04	34.76	31.75	31.61	87.78	42.13	26.98	464.81
2003	Above Normal	35.83	29.26	35.42	58.14	38.50	28.19	35.59	90.71	50.57	89.30	32.02	62.32	585.85
	Average	25.85	39.07	42.15	52.87	58.88	53.80	52.53	61.45	60.23	66.76	43.27	48.93	605.79
	Wet	28.36	51.49	66.63	95.20	94.17	80.38	81.25	101.13	96.33	74.37	60.70	76.64	906.64
	Above Normal	25.21	41.28	35.70	55.77	76.75	78.58	58.75	67.95	60.05	81.74	43.48	59.12	684.38
	Below Normal	26.63	35.24	38.91	36.31	54.09	41.58	49.08	54.29	49.58	83.90	34.97	48.77	553.34
	Dry	23.99	29.55	26.87	25.31	28.42	34.88	33.09	33.61	40.14	57.77	37.99	24.50	396.13
	Critical	22.96	28.70	22.27	18.90	15.80	14.06	17.28	19.07	24.77	28.81	22.92	15.52	251.05

Difference in Energy generated (GWh) at Folsom Dam: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.71	2.42	(3.46)	0.00	1.08	(0.06)	(1.20)	0.04	0.06	0.00	0.12	0.00	(0.02)
1924	Critical	7.23	(0.38)	(0.44)	(0.42)	(0.35)	(0.21)	(0.21)	(0.22)	(1.72)	(1.71)	(1.64)	(1.53)	(0.13)
1925	Dry	(0.01)	0.00	0.00	0.00	(0.14)	0.00	0.00	(0.01)	(2.20)	0.20	0.86	(1.41)	(0.23)
1926	Dry	0.10	0.68	0.11	0.10	2.13	0.03	(0.09)	0.33	(2.79)	(0.31)	1.23	0.00	0.13
1927	Wet	0.08	0.49	0.74	0.33	0.01	0.00	0.00	0.00	0.00	0.00	0.50	(0.05)	0.18
1928	Above Normal	0.31	(0.70)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.05	(0.01)	(0.24)	(0.08)	(0.06)
1929	Critical	0.01	0.02	0.02	0.01	0.15	(0.14)	0.00	0.00	0.01	0.01	0.01	0.01	0.01
1930	Dry	0.15	(0.03)	0.06	0.06	0.06	(0.17)	0.00	0.00	(0.02)	(0.26)	0.09	0.01	0.00
1931	Critical	0.01	0.01	0.02	0.02	0.03	(0.02)	0.00	0.01	0.02	(0.06)	(2.45)	0.25	(0.18)
1932	Dry	0.29	0.13	0.61	(0.45)	3.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32
1933	Critical	(0.14)	(0.11)	0.02	0.01	0.01	0.01	0.02	0.01	0.05	0.08	0.04	0.14	0.01
1934	Critical	(0.15)	0.00	0.00	0.01	0.00	0.01	0.01	0.04	0.04	0.01	0.01	0.09	0.01
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.05	0.00	0.00	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	0.06	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(4.06)	1.19	2.56	(0.03)
1939	Dry	0.02	2.33	(0.10)	(0.09)	(0.08)	(0.01)	0.11	0.57	(0.52)	(0.72)	(1.43)	0.02	0.01
1940	Above Normal	(0.06)	(0.05)	(0.05)	0.03	0.00	0.00	0.00	0.00	0.00	0.00	5.22	(0.61)	0.37
1941	Wet	(0.15)	(2.61)	(0.16)	(2.79)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.48)
1942	Wet	(0.12)	0.11	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	(0.05)	0.06	0.00	0.00	0.00	0.00	0.00	0.00	(0.16)	0.00	0.02	(0.01)
1944	Dry	(1.33)	3.16	(0.12)	(0.12)	(0.09)	(0.08)	(0.07)	(0.07)	(0.05)	(0.73)	(0.54)	(0.16)	(0.02)
1945	Below Normal	(0.03)	(0.18)	(0.24)	(0.23)	0.05	0.00	0.03	0.03	0.04	0.00	8.46	(10.55)	(0.22)
1946	Below Normal	(0.56)	1.85	0.11	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.06	0.96	0.20
1947	Dry	(1.22)	0.01	0.01	0.01	0.00	0.17	0.00	0.00	(0.21)	0.05	0.05	0.12	(0.08)
1948	Below Normal	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.04	(0.04)	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.56)	0.02	(0.05)
1950	Below Normal	0.02	0.04	0.03	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.93	3.50	(0.26)	(4.97)	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.07)
1954	Above Normal	0.00	(0.42)	0.02	0.02	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1955	Dry	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.01	(0.05)	(0.23)	(0.02)
1956	Wet	0.01	0.08	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.01
1957	Above Normal	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.28	(0.01)	(0.02)	(0.29)	(0.01)	(0.01)	0.00	0.02	0.17	(0.10)	(0.01)	0.00
1960	Dry	0.00	(0.03)	(0.04)	(0.03)	(0.02)	0.02	0.01	0.00	0.00	0.01	0.00	0.01	(0.01)
1961	Dry	0.00	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.02)	0.00
1962	Below Normal	0.02	(0.01)	0.00	0.00	(0.02)	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	(0.07)	0.07	(0.05)	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	(0.24)	(0.48)	0.04	0.04	0.03	0.01	0.84	(0.01)	0.00	0.41	(0.17)	(0.01)	0.04
1967	Wet	(0.01)	(0.07)	(0.17)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.02
1968	Below Normal	(0.02)	6.25	(1.41)	(0.28)	(6.29)	0.00	0.00	0.01	0.00	0.64	(0.03)	(0.04)	(0.10)
1969	Wet	(0.04)	(0.21)	(0.28)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.11	0.27	(0.39)	(0.05)
1970	Wet	0.00	(0.18)	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.76	0.31
1974	Wet	(0.14)	(4.05)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.35)
1975	Wet	0.00	(0.39)	0.02	0.02	0.43	0.00	0.00	0.00	0.00	0.02	(0.02)	0.01	0.01
1976	Critical	0.00	0.09	(0.01)	(0.01)	(0.01)	0.00	0.01	0.00	(0.03)	0.04	0.00	0.00	0.01
1977	Critical	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.09)	0.00	(0.01)
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1979	Below Normal	(0.01)	4.24	(0.25)	(0.21)	(4.51)	0.00	0.04	0.06	0.20	2.87	(0.12)	(0.20)	0.18
1980	Above Normal	(0.10)	(2.78)	0.02	0.00	0.00	0.00	0.00	0.00	0.00	22.00	(2.06)	(9.56)	0.63
1981	Dry	(8.07)	(7.02)	0.17	0.16	0.14	0.02	0.01	0.00	0.12	0.28	1.22	(0.35)	(1.11)
1982	Wet	0.10	2.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.33)	1.12	(0.02)
1987	Dry	0.02	0.08	0.09	0.07	0.05	0.00	0.00	0.12	(0.08)	(0.69)	0.03	0.03	(0.02)
1988	Critical	0.03	0.03	0.03	0.01	0.84	0.03	0.00	(0.01)	(0.01)	(0.06)	0.00	0.00	0.07
1989	Dry	(0.03)	(0.03)	(0.03)	(0.03)	0.00	0.00	0.00	0.05	(0.01)	0.04	(0.02)	0.01	0.00
1990	Critical	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.02)	(0.02)	0.00	(0.01)
1991	Critical	(0.03)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	0.01	0.03	0.57	(0.03)	0.03
1992	Critical	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.02)	(0.17)	(0.16)	(0.05)	(0.01)	0.00	(0.04)
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.01	0.00	0.00
1994	Critical	0.00	(0.05)	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.03	0.03	0.00	0.00
1995	Wet	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	4.27	(4.56)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1997	Wet	0.05	0.17	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	0.01	0.00
2000	Above Normal	0.29	(0.18)	(0.01)	(0.12)	0.00	0.00	0.00	0.00	(0.01)	0.01	0.02	0.00	0.00
2001	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.29)	0.11	0.00	(0.02)
2002	Dry	0.18	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72	0.16
2003	Above Normal	(1.39)	(0.02)	(0.39)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.15)
	Average	(0.04)	0.15	(0.12)	(0.10)	(0.04)	(0.01)	(0.01)	0.01	(0.09)	0.22	0.11	(0.17)	(0.01)
	Wet	0.03	0.12	(0.17)	(0.29)	0.02	0.00	0.00	0.00	0.00	(0.16)	0.02	0.14	(0.02)
	Above Normal	(0.08)	(0.35)	(0.04)	(0.01)	0.04	(0.00)	(0.00)	0.00	0.00	1.83	0.25	(0.54)	0.09
	Below Normal	(0.00)	1.03	(0.37)	(0.01)	(0.71)	(0.00)	(0.02)	0.01	0.02	0.29	0.58	(0.70)	0.01
	Dry	(0.55)	(0.04)	0.04	(0.02)	0.29	(0.00)	(0.00)	0.05	(0.32)	(0.13)	0.05	(0.01)	(0.05)
	Critical	0.58	(0.04)	(0.03)	(0.03)	0.05	(0.03)	(0.02)	(0.03)	(0.15)	(0.14)	(0.30)	(0.09)	(0.02)

Percent Difference in Energy generated (GWh) at Folsom Dam: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	2%	6%	-4%	0%	2%	0%	-2%	0%	0%	0%	0%	0%
1924	Critical	18%	-1%	-1%	-2%	-2%	-2%	-2%	-2%	-15%	-15%	-14%	-15%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	2%	-5%
1926	Dry	0%	2%	0%	0%	5%	0%	0%	1%	-5%	-1%	4%	0%
1927	Wet	0%	2%	3%	1%	0%	0%	0%	0%	0%	0%	2%	0%
1928	Above Normal	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1929	Critical	0%	0%	0%	0%	1%	-1%	0%	0%	0%	0%	0%	0%
1930	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-15%	1%
1932	Dry	1%	1%	6%	-4%	9%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1934	Critical	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-6%	2%	3%
1939	Dry	0%	7%	0%	0%	0%	0%	0%	2%	-2%	-2%	-7%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	14%	-1%
1941	Wet	-1%	-5%	-1%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	-3%	8%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%
1945	Below Normal	0%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	26%	-13%
1946	Below Normal	-2%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1947	Dry	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1950	Below Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	4%	6%	-1%	-5%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	-1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	1%	0%	0%	-1%	0%	0%	0%	0%	0%	-1%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	-1%	-1%	0%	0%	0%	0%	4%	0%	0%	1%	-1%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1968	Below Normal	0%	11%	-4%	-1%	-6%	0%	0%	0%	0%	1%	0%	0%
1969	Wet	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1970	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%
1974	Wet	-1%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	11%	-1%	-1%	-10%	0%	0%	0%	0%	4%	0%	0%
1980	Above Normal	0%	-7%	0%	0%	0%	0%	0%	0%	0%	40%	-2%	-14%
1981	Dry	-23%	-16%	1%	1%	1%	0%	0%	0%	1%	1%	5%	-2%
1982	Wet	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	2%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	1%	0%	-1%	0%	0%
1988	Critical	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	10%	-12%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%	0%
2002	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%
2003	Above Normal	-4%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	3%	1%	-1%
	Below Normal	0%	2%	-1%	0%	-1%	0%	0%	0%	0%	0%	2%	-1%
	Dry	-1%	0%	0%	0%	1%	0%	0%	0%	-1%	0%	0%	0%
	Critical	1%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	-1%

Energy generated (GWh) at Judge Francis Carr: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	111.95	30.01	8.48	8.48	7.66	3.39	8.21	0.00	4.71	50.89	50.89	65.66	350.33
1923	Below Normal	25.44	16.42	8.48	3.39	3.06	6.42	8.21	8.48	41.04	67.85	76.33	49.25	314.37
1924	Critical	25.44	3.28	4.96	91.50	3.17	10.91	32.65	6.13	8.21	50.89	50.89	8.21	296.24
1925	Dry	0.00	0.00	0.00	82.42	0.00	0.82	3.28	0.00	24.62	59.37	33.93	32.83	237.27
1926	Dry	8.48	3.28	3.39	3.39	3.06	0.00	3.28	8.48	24.62	33.93	42.41	40.61	174.93
1927	Wet	8.48	3.28	3.39	8.48	0.00	3.39	0.00	0.00	1.13	50.89	50.89	65.66	195.59
1928	Above Normal	42.41	16.42	8.48	8.48	3.17	0.00	0.00	0.00	3.48	22.06	67.85	65.66	238.01
1929	Critical	25.44	16.42	8.48	111.80	3.06	8.48	13.97	8.48	32.83	84.81	50.89	32.83	397.49
1930	Dry	8.48	3.28	3.39	3.39	3.06	3.39	4.38	8.48	32.83	42.41	69.42	32.83	215.34
1931	Critical	8.48	3.28	3.43	3.39	3.06	6.42	13.56	4.19	8.21	50.89	102.89	8.21	216.01
1932	Dry	42.90	12.72	0.00	0.00	0.00	0.00	0.00	0.00	8.21	37.23	39.80	8.21	149.07
1933	Critical	9.81	5.08	1.16	0.50	0.09	0.00	2.60	0.00	8.21	50.89	8.48	8.21	95.03
1934	Critical	35.30	0.00	0.00	0.00	0.00	0.00	13.38	16.29	8.21	52.80	96.13	60.97	283.08
1935	Below Normal	54.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.21	50.89	8.48	8.21	130.72
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	3.39	3.28	0.00	4.62	33.93	42.41	32.83	120.46
1937	Below Normal	8.48	0.00	0.00	0.00	0.00	0.00	0.00	3.39	8.21	59.37	33.93	32.83	146.21
1938	Wet	8.48	3.28	0.00	0.86	0.00	0.00	0.00	0.00	0.00	2.23	50.89	51.35	117.09
1939	Dry	66.17	8.33	17.43	3.39	3.06	0.00	11.98	46.30	95.10	111.54	111.54	92.48	567.32
1940	Above Normal	44.34	31.14	3.39	3.39	0.00	0.00	8.21	0.00	24.62	67.85	67.85	49.25	300.04
1941	Wet	25.44	16.42	0.00	0.00	0.00	0.00	0.00	68.25	15.22	111.54	66.12	89.13	392.12
1942	Wet	63.43	16.42	69.52	0.00	0.00	3.39	10.81	0.00	0.00	60.04	54.74	83.74	362.09
1943	Wet	60.13	16.42	33.26	26.51	12.61	39.56	9.22	0.00	8.03	50.89	50.89	65.66	373.18
1944	Dry	42.41	16.42	8.48	8.48	7.93	39.80	14.06	8.48	58.74	111.54	82.11	49.25	447.70
1945	Below Normal	8.48	3.28	3.39	3.39	3.06	3.39	8.12	0.00	24.62	50.89	59.37	24.62	192.61
1946	Below Normal	8.48	3.28	0.00	0.00	3.06	3.39	6.19	0.00	24.62	50.89	67.85	49.25	217.01
1947	Dry	25.44	16.42	8.48	4.64	3.06	3.39	11.49	8.48	24.62	59.37	76.33	32.83	274.55
1948	Below Normal	8.48	3.28	4.11	3.39	7.93	8.48	8.21	0.00	0.00	0.98	50.89	1.38	97.13
1949	Dry	0.00	0.00	3.48	4.17	3.06	0.00	3.28	0.00	24.62	50.89	67.85	65.66	223.01
1950	Below Normal	25.44	16.42	8.48	8.48	3.06	3.39	8.21	8.48	24.62	67.85	59.37	49.25	283.05
1951	Above Normal	17.25	0.00	0.00	0.00	0.00	6.98	44.71	0.00	1.88	50.89	67.85	65.66	255.22
1952	Wet	42.41	16.42	0.00	0.00	0.00	5.45	80.75	0.00	3.50	96.55	56.86	84.23	386.17
1953	Wet	60.06	0.00	19.96	0.00	13.35	15.30	16.02	0.00	0.00	51.79	59.42	88.24	324.14
1954	Above Normal	61.83	45.62	29.76	19.21	0.00	76.82	75.42	0.00	1.40	50.89	50.89	65.66	477.50
1955	Dry	25.44	16.42	8.48	67.34	3.06	6.32	8.21	8.48	24.62	50.89	67.85	65.66	352.77
1956	Wet	25.44	16.42	0.00	0.00	0.00	28.28	45.62	0.00	0.00	50.89	14.50	78.29	259.44
1957	Above Normal	63.40	3.03	8.48	8.48	7.66	31.75	3.77	0.00	1.37	50.89	50.89	65.66	295.38
1958	Wet	28.14	43.53	55.70	59.76	3.06	0.00	0.00	81.01	0.00	95.26	61.77	85.56	513.79
1959	Below Normal	61.17	0.02	8.48	64.59	2.26	17.93	11.14	0.00	49.25	93.30	85.40	82.08	475.62
1960	Dry	25.44	16.42	8.48	8.48	7.93	3.39	6.56	0.00	1.17	50.89	67.85	49.25	245.86
1961	Dry	25.44	16.42	0.00	3.39	0.00	0.00	4.55	0.00	3.05	50.89	67.85	65.66	237.25
1962	Below Normal	25.44	16.42	8.48	3.39	0.00	3.39	3.61	0.00	24.62	50.89	67.85	49.25	253.34
1963	Wet	0.00	0.00	0.00	3.39	5.49	0.00	0.00	0.00	1.12	50.89	50.89	49.25	161.03
1964	Dry	25.44	38.84	22.62	24.23	30.27	6.36	13.23	8.48	41.04	111.54	89.70	49.25	461.00
1965	Wet	25.44	16.42	0.00	0.00	3.06	4.56	0.00	0.00	4.84	50.89	50.89	49.25	205.35
1966	Below Normal	42.41	16.42	8.48	3.39	3.06	0.00	42.94	0.00	10.53	50.89	104.89	65.66	348.67
1967	Wet	42.41	16.42	9.04	32.08	17.89	29.41	0.00	0.00	0.00	64.34	58.84	86.91	357.34
1968	Below Normal	66.79	3.47	11.40	19.21	0.00	24.15	10.86	0.00	20.02	67.85	67.85	65.66	357.26
1969	Wet	25.44	16.42	3.39	0.00	0.00	0.00	0.00	29.41	0.00	50.89	50.89	54.13	230.57
1970	Wet	61.91	0.32	94.43	67.34	0.00	23.36	21.87	0.00	24.62	70.96	67.85	82.08	514.74
1971	Wet	25.44	16.42	0.00	0.00	3.06	15.26	19.37	0.00	0.00	0.00	47.33	82.73	209.61
1972	Below Normal	59.64	5.61	12.11	30.90	4.56	111.95	3.68	0.00	5.48	50.89	67.85	65.66	418.33
1973	Above Normal	25.44	0.00	0.00	0.00	0.00	11.02	13.71	0.00	0.28	50.89	93.30	65.66	260.30
1974	Wet	25.44	0.00	0.00	64.41	2.65	0.00	16.38	0.00	0.00	50.24	56.76	83.41	299.29
1975	Wet	59.27	0.00	8.48	3.39	3.06	0.00	8.21	0.00	0.00	81.42	56.17	84.39	304.39
1976	Critical	66.37	16.39	20.37	111.95	3.17	3.79	5.80	8.48	49.40	111.54	76.33	49.25	522.84
1977	Critical	25.44	16.05	33.51	14.20	7.88	8.05	16.58	3.39	8.21	50.89	111.95	8.21	304.36
1978	Above Normal	82.48	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.89	50.89	32.83	217.24
1979	Below Normal	0.00	0.00	3.39	3.39	3.06	3.39	5.57	3.39	24.62	50.89	59.37	49.25	206.32
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	3.39	6.84	0.00	45.11	50.89	67.85	65.66	239.74
1981	Dry	25.44	8.21	8.48	8.48	3.06	3.39	6.59	3.39	24.62	80.59	100.91	49.25	322.41
1982	Wet	25.44	0.00	0.00	11.35	0.00	37.65	0.00	0.00	0.00	50.89	1.42	25.89	152.64
1983	Wet	77.54	19.91	0.00	0.00	0.00	1.67	0.00	78.11	105.16	111.54	84.81	95.45	574.19
1984	Wet	68.49	68.36	0.00	57.96	3.17	20.26	10.28	0.00	8.85	50.89	50.89	65.66	404.81
1985	Dry	42.41	0.00	0.00	59.83	3.06	5.56	12.90	11.90	43.89	111.54	110.55	49.25	450.89
1986	Wet	25.44	3.28	3.39	3.39	0.00	0.00	86.15	0.00	24.62	67.85	67.85	82.08	364.05
1987	Dry	25.44	16.42	8.48	8.48	7.66	8.48	13.24	8.48	90.91	111.54	99.46	59.87	458.46
1988	Critical	12.72	6.20	3.39	3.39	3.17	8.08	21.22	8.48	32.83	84.81	50.89	32.83	268.01
1989	Dry	8.48	3.28	3.39	43.28	3.06	3.39	3.99	0.00	24.62	59.37	42.41	32.83	228.10
1990	Critical	8.48	3.28	3.47	3.39	3.06	4.59	14.87	3.39	8.21	42.41	50.89	32.83	178.87
1991	Critical	8.48	3.28	3.47	3.49	3.28	0.00	9.10	3.39	8.21	50.89	50.89	8.21	152.69
1992	Critical	0.00	0.00	0.77	0.77	0.00	0.00	0.00	3.39	8.21	50.89	111.54	105.72	281.29
1993	Above Normal	26.71	66.15	0.00	0.00	0.00	0.00	3.28	0.00	0.00	0.00	46.12	32.83	175.09
1994	Critical	0.00	0.00	3.39	3.39	3.06	5.93	14.59	11.37	35.51	76.33	50.89	32.83	237.29
1995	Wet	8.48	3.28	3.39	0.00	0.00	0.00	0.00	0.00	0.00	21.37	57.39	82.52	176.43
1996	Wet	59.34	0.00	53.30	37.33	0.00	52.53	16.57	0.00	1.53	50.89	44.87	49.25	365.61
1997	Wet	25.44	16.42	0.00	0.00	3.06	3.39	46.12	0.00	41.04	67.85	76.33	53.27	332.92
1998	Wet	33.93	3.28	3.39	0.00	0.00	0.00	32.14	0.00	95.43	111.54	68.13	85.33	433.17
1999	Wet	60.62	35.67	38.23	19.17	0.00	38.92	5.57	0.00	0.00	50.89	50.89	62.22	362.18
2000	Above Normal	59.16	17.69	13.70	61.53	0.00	0.00	71.13	0.00	1.34	50.89	50.89	90.29	416.62
2001	Dry	25.44	16.42	8.48	8.48	3.06	3.39	3.28	11.74	49.25	111.54	111.54	49.25	401.87
2002	Dry	61.66	16.42	8.48	0.00	3.06	3.39	10.31	0.00	24.62	50.89	67.85	49.25	295.93
2003	Above Normal	25.44	16.42	0.00	0.00	3.06	3.39	0.00	0.00	1.95	74.97	58.66	90.29	274.18
	Average	32.17	11.49	9.22	16.32	2.99	9.70	13.09	5.98	18.65	60.33	62.76	54.98	297.68
	Wet	37.39	13.40	15.34	15.21	2.71	12.40	16.35	9.88	12.89	60.52	54.16	71.76	322.00
	Above Normal	46.70	18.89	6.02	9.13	1.80	11.40	19.61	0.00	7.18	47.67	60.33	62.93	291.64
	Below Normal	28.23	6.04	5.49	10.25	2.37	13.52	8.57	1.70	19.32	53.38	60.85	44.66	254.36
	Dry	26.92	11.63	6.75	18.99	4.86	5.06	7.48	7.37	34.51	72.00	74.96	48.57	319.10
	Critical	18.83	6.11	7.20	28.98	2.75	4.69	13.19	6.42	18.02	63.17	67.72	32.36	269.43

Energy generated (GWh) at Judge Francis Carr: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	111.95	30.01	8.48	8.48	7.66	3.39	8.21	0.00	4.71	50.89	50.89	65.66	350.33
1923	Below Normal	25.44	16.42	8.48	3.39	3.06	6.42	8.21	8.48	41.04	67.85	76.33	49.25	314.37
1924	Critical	25.44	3.28	4.96	53.02	3.17	10.91	18.21	6.13	8.21	50.89	50.89	32.83	267.94
1925	Dry	0.00	0.00	0.00	82.42	0.00	0.82	3.28	0.00	24.62	59.37	33.93	24.62	229.06
1926	Dry	8.48	3.28	3.39	3.39	3.06	0.00	3.28	8.48	24.62	59.37	42.41	41.84	201.60
1927	Wet	8.48	3.28	3.39	3.39	0.00	3.39	0.00	0.00	1.13	50.89	50.89	65.66	190.50
1928	Above Normal	42.41	16.42	8.48	8.48	3.17	0.00	0.00	0.00	3.48	25.98	67.85	65.66	241.93
1929	Critical	25.44	16.42	8.48	111.80	7.66	8.48	13.97	8.48	32.83	84.81	50.89	32.83	402.09
1930	Dry	8.48	3.28	6.26	3.39	3.06	3.39	4.38	8.48	32.83	42.41	68.14	32.83	216.93
1931	Critical	8.48	3.28	3.43	3.39	3.06	6.42	13.56	4.19	8.21	50.89	104.43	8.21	217.55
1932	Dry	42.90	11.60	0.00	0.00	0.00	0.00	0.00	0.00	8.21	37.25	39.84	8.21	148.01
1933	Critical	9.84	5.04	1.16	0.50	0.09	0.00	2.60	0.00	8.21	50.89	8.48	8.21	95.02
1934	Critical	36.28	0.00	0.00	0.00	0.00	0.00	13.38	15.23	8.21	50.89	94.95	60.43	279.37
1935	Below Normal	59.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.21	50.89	8.48	8.21	135.36
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	3.39	3.28	0.00	4.62	33.93	42.41	32.83	120.46
1937	Below Normal	8.48	0.00	0.00	0.00	0.00	0.00	0.00	3.39	8.21	59.37	33.93	32.83	146.21
1938	Wet	8.48	3.28	0.00	0.86	0.00	0.00	0.00	0.00	0.00	2.23	50.89	51.35	117.09
1939	Dry	66.17	8.33	17.43	3.39	3.06	0.00	11.98	46.88	98.00	111.54	111.54	94.60	572.92
1940	Above Normal	46.34	31.39	3.39	3.39	0.00	0.00	8.21	0.00	24.62	67.85	67.85	49.25	302.29
1941	Wet	25.44	16.42	0.00	0.00	0.00	0.00	0.00	68.25	15.22	111.54	66.12	89.13	392.12
1942	Wet	63.43	16.42	69.38	0.00	0.00	3.39	10.81	0.00	0.00	60.04	54.74	83.74	361.95
1943	Wet	60.13	16.42	33.26	26.04	12.61	39.56	9.22	0.00	8.03	50.89	50.89	65.66	372.71
1944	Dry	42.41	16.42	8.48	8.48	7.93	44.06	14.06	8.48	59.04	111.54	81.36	49.25	451.51
1945	Below Normal	8.48	3.28	3.39	3.39	3.06	3.39	8.12	0.00	24.62	50.89	59.37	24.62	192.61
1946	Below Normal	8.48	0.00	0.00	0.00	3.06	3.39	6.19	0.00	24.62	50.89	67.85	49.25	213.73
1947	Dry	25.44	16.42	8.48	4.64	3.06	3.39	11.49	8.48	24.62	59.37	76.33	32.83	274.55
1948	Below Normal	8.48	3.28	4.11	3.39	7.93	8.48	8.21	0.00	0.00	0.98	50.89	1.38	97.13
1949	Dry	0.00	0.00	3.48	4.17	3.06	0.00	3.28	0.00	24.62	50.89	67.85	65.66	223.01
1950	Below Normal	25.44	16.42	8.48	8.48	3.06	3.39	8.21	8.48	24.62	67.85	59.37	49.25	283.05
1951	Above Normal	18.31	0.00	0.00	0.00	0.00	6.98	44.71	0.00	1.88	50.89	67.85	65.66	256.28
1952	Wet	42.41	16.42	0.00	0.00	0.00	5.45	80.75	0.00	3.50	96.55	56.86	84.23	386.17
1953	Wet	60.06	0.00	19.96	0.00	13.35	15.30	16.01	0.00	0.00	51.79	59.42	88.24	324.13
1954	Above Normal	61.84	45.62	29.76	19.21	0.00	76.82	75.42	0.00	1.40	50.89	50.89	65.66	477.51
1955	Dry	25.44	16.42	8.48	67.52	3.06	6.32	8.21	8.48	24.62	50.89	67.85	65.66	352.95
1956	Wet	25.44	16.42	0.00	0.00	0.00	28.28	45.62	0.00	0.00	50.89	14.47	78.32	259.44
1957	Above Normal	63.40	3.03	8.48	8.48	7.66	31.75	3.77	0.00	1.37	50.89	50.89	65.66	295.38
1958	Wet	28.14	43.53	55.70	59.76	3.06	0.00	0.00	81.01	0.00	95.26	61.77	85.56	513.79
1959	Below Normal	61.17	0.02	8.48	64.59	2.26	17.93	11.30	0.00	49.25	93.30	85.46	82.08	475.84
1960	Dry	25.44	16.42	8.48	8.48	7.93	3.39	6.56	0.00	1.17	50.89	67.85	49.25	245.86
1961	Dry	25.44	16.42	0.00	3.39	0.00	0.00	4.55	0.00	3.05	50.89	67.85	65.66	237.25
1962	Below Normal	25.44	16.42	8.48	3.39	0.00	3.39	3.61	0.00	24.62	50.89	67.85	49.25	253.34
1963	Wet	0.00	0.00	0.00	3.39	5.28	0.00	0.00	0.00	1.12	50.89	50.89	49.25	160.82
1964	Dry	25.44	38.84	22.62	24.06	30.29	6.36	13.23	8.48	41.04	111.54	89.77	49.25	460.92
1965	Wet	25.44	16.42	0.00	0.00	3.06	4.56	0.00	0.00	4.84	50.89	50.89	49.25	205.35
1966	Below Normal	42.41	16.42	8.48	3.39	3.06	0.00	42.94	0.00	10.53	50.89	105.41	65.66	349.19
1967	Wet	42.41	16.42	8.53	32.08	17.89	29.41	0.00	0.00	0.00	64.34	58.84	86.91	356.83
1968	Below Normal	66.79	3.47	11.40	19.21	0.00	24.15	10.86	0.00	20.02	67.85	67.85	65.66	357.26
1969	Wet	25.44	16.42	3.39	0.00	0.00	0.00	0.00	29.41	0.00	50.89	50.89	54.13	230.57
1970	Wet	61.91	0.32	93.25	67.34	0.00	23.36	21.87	0.00	24.62	71.05	67.85	82.08	513.65
1971	Wet	25.44	16.42	0.00	0.00	3.06	15.17	19.37	0.00	0.00	0.00	47.33	82.73	209.52
1972	Below Normal	59.64	5.61	12.11	30.90	4.56	111.95	3.68	0.00	5.48	50.89	67.85	65.66	418.33
1973	Above Normal	25.44	0.00	0.00	0.00	0.00	11.02	13.71	0.00	0.28	50.89	93.30	65.66	260.30
1974	Wet	25.44	0.00	0.00	64.41	2.65	0.00	16.38	0.00	0.00	50.24	56.76	83.41	299.29
1975	Wet	59.27	0.00	8.48	3.39	3.06	0.00	8.21	0.00	0.00	81.42	56.17	84.39	304.39
1976	Critical	66.37	16.39	20.37	111.95	3.17	3.79	5.80	8.48	50.27	111.54	76.33	49.25	523.71
1977	Critical	25.44	15.44	33.31	14.28	7.76	8.05	16.58	3.39	8.21	50.89	111.95	8.21	303.51
1978	Above Normal	82.37	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.89	50.89	32.83	217.13
1979	Below Normal	0.00	0.00	8.48	8.48	0.00	3.39	5.57	8.48	24.62	50.89	59.37	49.25	218.53
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	3.39	3.28	0.00	45.11	50.89	67.85	65.66	236.18
1981	Dry	25.44	16.42	8.48	8.48	3.06	3.39	6.59	3.39	24.62	75.24	91.97	49.25	316.33
1982	Wet	25.44	0.00	0.00	9.53	0.00	37.65	0.00	0.00	0.00	50.89	1.42	25.89	150.82
1983	Wet	77.54	19.91	0.00	0.00	0.00	1.67	0.00	78.11	105.16	111.54	84.81	95.45	574.19
1984	Wet	68.49	68.36	0.00	57.96	3.17	20.26	10.28	0.00	8.85	50.89	50.89	65.66	404.81
1985	Dry	42.41	0.00	0.00	59.83	3.06	5.56	12.90	11.90	43.89	111.54	110.56	49.25	450.90
1986	Wet	25.44	3.28	3.39	3.39	0.00	0.00	86.15	0.00	24.62	67.85	67.85	82.08	364.05
1987	Dry	25.44	16.42	8.48	8.48	7.66	8.48	13.24	8.48	101.68	111.54	96.02	58.27	464.19
1988	Critical	10.66	6.23	3.39	3.39	3.17	8.08	20.11	8.48	32.83	84.81	50.89	32.83	264.87
1989	Dry	8.48	3.28	3.39	42.74	3.06	3.39	3.99	0.00	24.62	59.37	42.41	32.83	227.56
1990	Critical	8.48	3.28	3.47	3.39	3.06	4.59	14.87	3.39	8.21	42.41	50.89	32.83	178.87
1991	Critical	8.48	3.28	3.47	3.49	3.28	0.00	9.10	3.39	8.21	50.89	50.89	8.21	152.69
1992	Critical	0.00	0.00	0.77	0.77	0.00	0.00	0.00	3.39	8.21	50.89	111.54	106.88	282.45
1993	Above Normal	26.74	66.23	0.00	0.00	0.00	0.00	3.28	0.00	0.00	0.00	45.96	32.83	175.04
1994	Critical	0.00	0.00	3.39	3.39	3.06	5.95	14.59	10.84	34.98	76.33	50.89	32.83	236.25
1995	Wet	8.48	3.28	3.39	0.00	0.00	0.00	0.00	0.00	0.00	19.80	57.39	82.52	174.86
1996	Wet	59.34	0.00	53.30	37.33	0.00	52.53	16.57	0.00	1.53	50.89	44.92	49.25	365.66
1997	Wet	25.44	16.42	0.00	0.00	3.06	3.39	46.07	0.00	41.04	67.85	76.33	50.87	330.47
1998	Wet	33.93	3.28	8.48	0.00	0.00	0.00	32.14	0.00	95.42	111.54	68.13	85.33	438.25
1999	Wet	60.62	35.67	38.23	19.17	0.00	38.92	5.57	0.00	0.00	50.89	50.89	62.22	362.18
2000	Above Normal	59.16	17.69	13.70	61.53	0.00	0.00	71.13	0.00	1.34	50.89	50.89	90.29	416.62
2001	Dry	25.44	16.42	8.48	8.48	3.06	3.39	3.28	11.85	49.25	111.54	111.54	49.25	401.98
2002	Dry	61.29	16.42	8.48	0.00	3.06	3.39	10.31	0.00	24.62	50.89	67.85	49.25	295.56
2003	Above Normal	25.44	16.42	0.00	0.00	3.06	3.39	0.00	0.00	1.95	75.22	58.66	90.29	274.43
	Average	32.25	11.53	9.35	15.82	3.01	9.75	12.86	6.03	18.82	60.58	62.59	55.18	297.78
	Wet	37.39	13.40	15.47	14.92	2.70	12.40	16.35	9.88	12.89	60.46	54.17	71.67	321.68
	Above Normal	46.95	18.91	6.02	9.13	1.80	11.40	19.31	0.00	7.18	48.01	60.31	62.93	291.95
	Below Normal	28.56	5.81	5.85	10.62	2.15	13.52	8.58	2.06	19.32	53.38	60.89	44.66	255.39
	Dry	26.90	12.02	6.91	18.96	4.86	5.30	7.48	7.41	35.28	73.12	74.17	48.21	320.62
	Critical	18.74	6.05	7.18	25.78	3.12	4.69	11.90	6.28	18.05	63.01	67.75	34.46	267.03

Difference in Energy generated (GWh) at Judge Francis Carr: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	(38.48)	0.00	0.00	(14.44)	0.00	0.00	0.00	0.00	24.62	(2.36)
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(8.21)	(0.68)
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.44	0.00	1.23	2.22
1927	Wet	0.00	0.00	0.00	(5.09)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.42)
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.92	0.00	0.00	0.33
1929	Critical	0.00	0.00	0.00	0.00	4.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38
1930	Dry	0.00	0.00	2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.28)	0.00	0.13
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.54	0.00	0.13
1932	Dry	0.00	(1.12)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.00	(0.09)
1933	Critical	0.03	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.98	0.00	0.00	0.00	0.00	0.00	0.00	(1.06)	0.00	(1.91)	(1.18)	(0.54)	(0.31)
1935	Below Normal	4.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	2.90	0.00	0.00	2.12	0.47
1940	Above Normal	2.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	(0.14)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1943	Wet	0.00	0.00	0.00	(0.47)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1944	Dry	0.00	0.00	0.00	0.00	0.00	4.26	0.00	0.00	0.30	0.00	(0.75)	0.00	0.32
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	(3.28)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.27)
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	0.03	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.06	0.00	0.02
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	(0.21)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1964	Dry	0.00	0.00	0.00	(0.17)	0.02	0.00	0.00	0.00	0.00	0.00	0.07	0.00	(0.01)
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.04
1967	Wet	0.00	0.00	(0.51)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	(1.18)	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	(0.09)
1971	Wet	0.00	0.00	0.00	0.00	0.00	(0.09)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.00	0.00	0.00	0.07
1977	Critical	0.00	(0.61)	(0.20)	0.08	(0.12)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)
1978	Above Normal	(0.11)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1979	Below Normal	0.00	0.00	5.09	5.09	(3.06)	0.00	0.00	5.09	0.00	0.00	0.00	0.00	1.02
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(3.56)	0.00	0.00	0.00	0.00	0.00	(0.30)
1981	Dry	0.00	8.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(5.35)	(8.94)	0.00	(0.51)
1982	Wet	0.00	0.00	0.00	(1.82)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.15)
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.77	0.00	(3.44)	(1.60)	0.48
1988	Critical	(2.06)	0.03	0.00	0.00	0.00	0.00	(1.11)	0.00	0.00	0.00	0.00	0.00	(0.26)
1989	Dry	0.00	0.00	0.00	(0.54)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.16	0.10
1993	Above Normal	0.03	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.16)	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.02	0.00	(0.53)	(0.53)	0.00	0.00	0.00	(0.09)
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.57)	0.00	0.00	(0.13)
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	0.00	0.00	0.00	0.00	(2.40)	(0.20)
1998	Wet	0.00	0.00	5.09	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.42
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.01
2002	Dry	(0.37)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.02
	Average	0.08	0.04	0.13	(0.50)	0.02	0.05	(0.23)	0.05	0.17	0.25	(0.16)	0.20	0.01
	Wet	0.00	0.00	0.13	(0.28)	(0.01)	(0.00)	(0.00)	0.00	(0.00)	(0.06)	0.00	(0.09)	(0.03)
	Above Normal	0.25	0.03	0.00	0.00	0.00	0.00	(0.30)	0.00	0.00	0.35	(0.01)	0.00	0.03
	Below Normal	0.33	(0.23)	0.36	0.36	(0.22)	0.00	0.01	0.36	0.00	0.00	0.04	0.00	0.09
	Dry	(0.02)	0.39	0.16	(0.03)	0.00	0.24	0.00	0.04	0.78	1.12	(0.79)	(0.36)	0.13
	Critical	(0.09)	(0.05)	(0.02)	(3.20)	0.37	0.00	(1.30)	(0.13)	0.03	(0.16)	0.03	2.10	(0.20)

Percent Difference in Energy generated (GWh) at Judge Francis Carr: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	-42%	0%	0%	-44%	0%	0%	0%	0%	300%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-25%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	75%	0%	3%
1927	Wet	0%	0%	0%	-60%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	18%	0%	0%
1929	Critical	0%	0%	0%	0%	150%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	85%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1932	Dry	0%	-9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	3%	0%	0%	0%	0%	0%	0%	-7%	0%	-4%	-1%	-1%
1935	Below Normal	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	1%	3%	0%	0%	2%
1940	Above Normal	5%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	11%	0%	0%	1%	0%	-1%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	-100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	-6%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%
1977	Critical	0%	-4%	-1%	1%	-2%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	150%	150%	-100%	0%	0%	150%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	-52%	0%	0%	0%	0%	0%
1981	Dry	0%	100%	0%	0%	0%	0%	0%	0%	0%	-7%	-9%	0%
1982	Wet	0%	0%	0%	-16%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	12%	0%	-3%	-3%
1988	Critical	-16%	0%	0%	0%	0%	0%	-5%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	-5%	-1%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-7%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-5%
1998	Wet	0%	0%	150%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
2002	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	5%	0%	1%	0%	-1%	2%	0%	1%	0%	3%
	Wet	0%	0%	6%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	1%	0%	0%	0%	0%	0%	-4%	0%	0%	2%	0%	0%
	Below Normal	1%	-7%	11%	11%	-7%	0%	0%	11%	0%	0%	0%	0%
	Dry	0%	5%	5%	0%	0%	1%	0%	0%	1%	4%	-1%	-1%
	Critical	-1%	0%	0%	-3%	12%	0%	-4%	-1%	0%	0%	0%	25%

Energy generated (GWh) at Keswick Dam: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	33.76	30.90	18.57	15.79	19.51	21.60	23.47	39.89	54.96	59.07	51.79	41.13	410.44
1923	Below Normal	26.78	31.69	19.29	17.43	15.12	16.71	16.35	49.48	52.06	57.52	49.16	24.93	376.52
1924	Critical	27.78	25.20	22.44	15.79	14.77	19.63	36.38	37.37	44.72	51.57	42.43	26.22	364.30
1925	Dry	20.25	15.28	15.79	14.93	13.49	15.79	15.54	28.69	42.98	55.74	45.64	26.36	310.48
1926	Dry	27.01	20.17	17.39	16.16	14.26	15.79	15.28	29.76	51.29	60.71	45.30	25.42	338.54
1927	Wet	22.24	16.33	21.11	21.60	66.01	21.60	43.67	41.76	47.97	57.52	48.89	60.23	468.93
1928	Above Normal	28.19	31.89	19.29	21.60	14.77	58.04	16.05	32.05	53.94	67.44	49.75	47.81	440.82
1929	Critical	28.18	28.07	16.47	15.79	14.26	15.79	27.89	31.64	41.84	55.65	52.60	23.47	351.65
1930	Dry	24.61	19.96	15.79	16.15	14.26	15.93	23.86	28.43	46.24	51.24	41.63	21.87	319.97
1931	Critical	22.85	18.11	16.18	15.79	14.26	15.79	40.91	35.29	39.72	52.47	42.81	19.02	333.20
1932	Dry	18.76	13.51	14.93	15.79	14.77	15.79	25.26	20.95	33.48	38.23	31.09	17.30	259.86
1933	Critical	18.83	14.88	13.96	14.93	14.26	15.79	25.86	27.58	34.76	39.68	47.20	28.13	295.86
1934	Critical	20.83	13.55	14.93	15.79	14.26	15.79	27.23	30.58	38.46	53.23	32.91	18.67	296.23
1935	Below Normal	14.74	12.19	15.79	15.79	14.26	15.79	15.28	20.86	43.47	51.75	42.24	21.46	283.62
1936	Below Normal	21.43	18.77	16.86	15.79	18.00	21.60	21.88	30.37	39.61	57.60	44.84	25.99	332.74
1937	Below Normal	26.63	22.64	16.88	15.79	14.26	15.79	15.28	24.39	38.76	51.24	41.65	22.20	305.51
1938	Wet	19.29	18.67	71.16	17.96	65.23	70.99	54.10	41.63	43.72	52.09	48.63	55.11	558.58
1939	Dry	31.24	29.25	21.36	16.65	19.02	15.79	38.46	38.08	51.37	67.44	56.52	28.81	413.99
1940	Above Normal	24.76	25.96	16.77	15.79	68.16	75.02	18.60	31.20	50.69	67.44	51.15	27.91	473.45
1941	Wet	27.58	23.30	37.25	73.57	67.11	61.05	60.13	60.64	44.44	59.79	59.91	64.50	639.27
1942	Wet	34.53	41.11	58.85	75.76	65.82	21.60	20.90	47.19	39.56	54.11	56.55	63.84	579.82
1943	Wet	33.54	45.08	19.29	41.62	35.05	57.18	23.33	35.98	46.01	63.83	48.62	61.08	510.61
1944	Dry	28.96	41.09	19.29	19.89	14.77	15.79	30.84	27.73	41.48	60.02	44.72	21.18	365.76
1945	Below Normal	23.68	20.52	16.11	16.56	19.51	21.60	25.34	28.89	45.00	57.42	48.29	27.99	350.91
1946	Below Normal	27.23	18.67	74.96	34.92	19.51	21.60	32.41	36.56	49.72	58.80	49.24	26.73	450.35
1947	Dry	28.70	21.80	18.52	18.21	14.26	15.79	27.00	42.07	44.97	64.00	49.61	26.36	371.29
1948	Below Normal	20.80	18.77	18.93	15.94	15.15	15.79	15.28	45.76	41.19	54.26	47.83	31.90	341.60
1949	Dry	30.91	21.01	19.29	18.64	14.26	40.55	24.65	31.74	49.50	56.23	46.75	25.61	379.14
1950	Below Normal	29.86	23.01	20.71	20.26	19.51	21.60	20.90	30.83	41.96	51.62	42.48	21.02	343.76
1951	Above Normal	34.49	42.36	67.65	34.80	63.57	20.75	34.15	26.77	50.57	67.44	49.08	30.36	521.99
1952	Wet	26.96	33.96	49.90	38.85	70.84	51.17	72.76	42.23	35.29	57.07	56.27	49.29	584.59
1953	Wet	39.54	37.91	24.18	72.56	17.51	15.79	25.20	46.38	43.27	57.93	51.77	64.27	496.31
1954	Above Normal	27.22	47.19	19.29	51.78	68.43	51.18	54.83	35.02	45.80	67.44	50.04	43.75	561.97
1955	Dry	28.09	29.50	19.94	21.60	14.40	15.80	27.86	28.52	43.15	63.41	47.03	26.19	365.49
1956	Wet	24.03	18.67	73.16	71.99	69.90	21.60	20.90	49.84	42.77	49.40	43.01	57.46	542.73
1957	Above Normal	35.97	47.21	19.97	20.11	14.26	46.22	26.45	41.83	46.42	67.44	46.45	36.41	448.74
1958	Wet	31.82	38.01	48.20	62.73	64.55	69.47	51.90	42.40	41.75	61.72	60.02	51.73	624.30
1959	Below Normal	40.46	45.32	19.29	31.90	55.59	15.79	37.47	37.93	57.99	67.03	52.55	20.46	481.78
1960	Dry	30.27	23.08	20.89	16.73	16.27	17.89	29.52	23.53	53.83	65.98	44.43	29.15	371.57
1961	Dry	27.62	20.63	27.82	15.79	41.49	28.80	27.31	33.09	47.66	67.44	53.75	30.29	421.69
1962	Below Normal	30.87	28.27	20.18	19.40	59.87	21.60	28.90	35.98	48.04	59.88	47.23	24.13	424.35
1963	Wet	33.32	24.54	41.22	21.60	36.21	29.01	69.82	25.84	43.27	65.11	46.02	47.29	483.25
1964	Dry	24.15	31.70	23.40	21.60	14.77	15.79	43.10	35.87	46.28	60.87	48.02	24.90	390.45
1965	Wet	23.44	19.88	76.03	74.89	19.51	21.60	29.77	32.39	45.17	59.41	42.29	55.91	500.29
1966	Below Normal	29.59	37.96	19.29	21.60	18.19	50.39	33.87	37.48	57.50	67.44	50.62	29.55	453.48
1967	Wet	32.56	20.67	51.65	45.50	34.42	70.83	44.60	63.76	42.19	55.61	56.95	54.30	573.04
1968	Below Normal	36.54	31.47	19.29	21.60	58.33	15.79	31.17	34.12	50.85	67.44	40.71	26.26	433.57
1969	Wet	23.98	18.67	21.30	74.08	67.53	27.21	52.04	55.34	44.88	54.75	48.77	55.17	543.72
1970	Wet	26.63	24.65	73.74	66.57	54.11	21.60	32.63	34.18	47.53	67.44	46.38	54.84	550.30
1971	Wet	34.57	25.78	28.47	65.76	19.51	76.05	28.24	40.39	42.69	55.75	43.88	54.50	515.59
1972	Below Normal	38.84	38.45	19.29	21.60	17.31	55.35	33.77	32.37	53.33	67.44	45.48	24.26	447.49
1973	Above Normal	27.82	26.10	32.52	65.53	68.28	34.17	20.90	30.45	51.33	66.42	45.35	29.68	498.55
1974	Wet	26.01	70.50	75.09	69.87	23.85	70.74	30.49	30.78	44.07	45.76	59.58	52.60	599.34
1975	Wet	40.14	48.61	19.97	19.36	19.51	73.67	20.90	43.51	47.76	52.30	52.59	55.50	493.82
1976	Critical	42.50	42.33	19.29	17.04	24.35	15.81	25.73	31.51	49.72	64.78	28.13	16.17	377.36
1977	Critical	33.38	25.66	25.59	21.41	27.74	21.51	44.40	27.28	58.18	61.17	35.00	1.87	383.19
1978	Above Normal	1.20	13.49	15.79	15.79	34.56	64.49	28.83	41.79	49.93	55.20	46.22	25.66	392.95
1979	Below Normal	31.42	30.19	19.99	21.60	14.26	15.79	15.28	25.96	49.77	53.44	37.04	24.74	339.48
1980	Above Normal	21.24	26.64	19.29	75.90	67.48	21.60	21.50	32.20	50.45	54.87	48.46	25.04	464.67
1981	Dry	25.94	37.54	19.29	20.05	14.26	15.79	17.04	38.53	65.26	67.03	44.52	25.22	390.47
1982	Wet	19.29	35.71	74.46	34.65	66.85	58.31	71.30	20.44	36.85	48.03	44.70	42.42	553.01
1983	Wet	43.96	30.83	58.58	75.51	63.84	69.25	60.22	55.00	64.64	66.42	64.49	55.23	707.97
1984	Wet	43.60	59.76	73.73	35.72	20.21	45.76	25.48	35.07	47.55	66.76	41.16	55.62	550.42
1985	Dry	21.38	31.15	26.82	21.60	14.26	15.79	27.59	42.28	54.08	58.79	49.25	25.32	388.31
1986	Wet	26.27	24.47	19.39	18.66	62.13	75.24	20.90	37.09	52.80	56.08	48.55	27.68	469.26
1987	Dry	23.09	29.93	21.33	16.99	14.26	15.79	32.93	40.99	64.78	67.92	45.08	26.50	399.59
1988	Critical	30.30	20.77	16.78	17.87	24.32	16.33	25.79	29.19	53.18	63.11	50.36	22.08	370.08
1989	Dry	27.50	15.28	16.77	15.79	14.26	15.79	15.28	41.55	42.76	62.92	39.31	16.93	324.14
1990	Critical	19.11	17.91	18.87	15.79	14.26	15.79	32.19	25.24	39.57	60.64	48.16	17.87	325.40
1991	Critical	23.25	19.46	15.79	23.57	14.26	15.79	15.28	29.31	37.12	45.37	33.23	17.54	289.97
1992	Critical	24.52	25.34	15.79	15.79	14.77	15.79	15.68	45.66	59.28	64.95	61.66	22.68	381.91
1993	Above Normal	29.74	20.84	14.93	15.79	14.26	15.79	20.90	22.81	44.82	57.60	40.74	42.15	340.37
1994	Critical	30.24	30.95	19.86	15.79	14.26	15.79	36.45	32.44	51.70	64.05	53.23	18.41	383.17
1995	Wet	23.94	21.44	15.79	53.73	31.05	68.02	34.86	55.95	41.18	51.90	58.49	50.26	506.61
1996	Wet	38.98	35.15	19.96	22.41	66.66	50.15	20.90	50.30	41.88	53.99	42.65	53.30	496.33
1997	Wet	36.15	41.01	73.38	71.01	19.51	21.60	34.52	42.45	49.25	63.83	40.99	55.01	548.71
1998	Wet	34.05	40.35	20.52	46.44	61.92	75.68	20.90	70.93	72.85	70.67	64.11	54.77	633.19
1999	Wet	43.86	48.55	51.79	35.73	67.01	59.32	20.90	43.20	44.31	58.89	44.52	55.95	574.03
2000	Above Normal	33.56	51.92	20.35	23.64	66.27	35.29	26.05	37.57	50.25	67.44	47.77	42.45	502.56
2001	Dry	30.87	40.98	20.31	18.16	14.26	15.79	24.45	42.91	64.69	67.44	43.13	22.77	405.76
2002	Dry	35.81	19.87	19.29	43.18	15.42	15.79	30.58	38.53	52.29	54.96	42.67	25.94	394.33
2003	Above Normal	28.92	24.01	52.57	66.71	14.26	15.79	46.15	60.87	44.91	71.00	42.59	38.52	506.30
	Average	28.57	28.95	29.34	31.40	32.04	31.87	30.52	37.13	47.58	59.33	47.25	34.98	438.97
	Wet	31.16	33.22	46.08	50.31	48.30	50.17	38.13	44.03	45.91	57.93	50.76	54.15	550.15
	Above Normal	27.24	32.38	26.42	35.27	42.82	38.33	28.16	36.04	49.51	64.07	47.45	35.91	463.57
	Below Normal	28.49	26.99	22.63	20.73	25.63	23.23	24.51	33.64	47.80	58.78	45.67	25.12	383.23
	Dry	26.95	25.65	19.90	19.33	16.26	18.01	26.48	34.07	49.78	60.58	45.47	24.78	367.27
	Critical	26.81	23.52	18.00	17.11	17.15	16.63	29.48	31.92	45.69	56.39	43.98	19.34	346.03

Energy generated (GWh) at Keswick Dam: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	33.76	30.90	18.57	15.79	19.51	21.60	23.47	39.89	54.96	59.07	51.79	41.13	410.44
1923	Below Normal	27.49	34.69	19.29	17.43	14.67	16.71	16.35	47.20	49.73	57.35	47.33	22.63	370.87
1924	Critical	25.43	22.95	20.10	15.79	14.77	19.67	36.46	37.44	45.25	52.21	45.60	26.88	362.55
1925	Dry	20.19	15.28	15.79	14.93	13.49	15.79	15.54	28.71	43.02	54.72	45.61	26.32	309.39
1926	Dry	27.04	20.18	17.39	16.16	14.26	15.79	15.28	29.89	52.16	63.96	45.09	25.64	342.84
1927	Wet	22.25	16.33	21.11	21.60	65.91	21.60	43.67	41.76	47.97	57.52	49.07	60.15	468.94
1928	Above Normal	28.19	31.93	19.29	21.60	14.77	57.90	16.05	32.10	53.97	67.44	49.86	47.91	441.01
1929	Critical	28.20	28.13	16.47	15.79	14.26	15.79	27.89	31.64	41.84	55.64	52.60	23.47	351.72
1930	Dry	24.59	19.94	15.79	16.15	14.26	15.93	23.86	28.45	46.26	51.51	41.67	21.36	319.77
1931	Critical	22.85	18.11	16.17	15.79	14.26	15.79	40.89	35.30	39.70	52.50	43.61	19.05	334.02
1932	Dry	18.73	13.51	14.93	15.79	14.77	15.79	25.25	20.92	33.44	38.23	31.11	17.31	259.78
1933	Critical	18.83	14.86	13.96	14.93	14.26	15.79	25.86	27.58	34.73	39.68	47.20	28.12	295.80
1934	Critical	21.49	14.56	15.42	15.79	14.26	15.79	27.22	30.54	38.44	53.23	32.90	18.62	298.26
1935	Below Normal	15.18	12.19	15.79	15.79	14.26	15.79	15.28	20.85	43.47	51.76	42.24	21.45	284.05
1936	Below Normal	21.42	18.76	16.86	15.79	18.00	21.60	21.87	30.36	39.61	57.75	44.84	25.98	332.84
1937	Below Normal	26.62	22.63	16.88	15.79	14.26	15.79	15.28	24.38	38.75	51.16	41.63	22.19	305.36
1938	Wet	19.29	18.67	71.21	17.96	65.23	70.99	54.10	41.63	43.71	52.09	48.63	54.56	558.07
1939	Dry	31.02	32.11	20.59	16.65	19.01	15.79	38.26	38.04	51.33	67.44	55.18	29.88	415.30
1940	Above Normal	26.46	26.04	16.77	15.79	68.25	75.02	18.60	31.21	50.71	67.44	51.17	29.85	477.31
1941	Wet	27.69	23.42	35.06	73.57	67.11	61.05	60.13	60.64	44.44	59.79	59.91	64.50	637.31
1942	Wet	34.41	41.21	58.85	75.76	65.82	21.60	20.90	47.19	39.55	54.11	56.55	63.83	579.78
1943	Wet	33.54	45.02	19.29	41.62	35.05	57.18	23.33	35.98	45.98	63.67	48.58	61.54	510.78
1944	Dry	28.97	42.79	19.29	19.89	14.77	15.79	30.81	27.70	41.43	59.75	44.39	21.14	366.72
1945	Below Normal	23.68	20.52	16.11	16.56	19.51	21.60	23.12	26.41	42.70	57.29	46.10	25.91	339.51
1946	Below Normal	25.18	22.71	74.37	34.92	19.51	21.60	32.34	36.50	49.66	58.77	49.20	26.70	451.46
1947	Dry	28.69	21.80	18.52	18.21	14.26	15.79	27.01	42.08	45.03	64.01	49.63	26.54	371.57
1948	Below Normal	20.81	18.77	18.93	15.94	15.14	15.79	15.28	45.74	41.19	54.28	47.83	31.88	341.58
1949	Dry	30.89	21.00	19.29	18.64	14.26	40.58	24.65	31.74	49.50	56.24	46.75	25.61	379.15
1950	Below Normal	29.86	23.02	20.71	20.26	19.51	21.60	20.90	30.83	41.95	51.77	42.48	21.01	343.90
1951	Above Normal	34.48	42.36	67.65	34.80	63.57	20.75	34.15	26.77	50.57	67.44	49.08	30.36	521.98
1952	Wet	26.96	33.96	49.91	38.85	70.84	51.17	72.76	42.23	35.29	57.07	56.27	49.29	584.60
1953	Wet	39.64	42.97	19.29	72.59	17.51	15.79	25.19	46.38	43.27	57.94	51.77	64.27	496.61
1954	Above Normal	27.22	46.71	19.29	52.26	68.43	51.18	54.83	35.02	45.80	67.44	50.04	43.75	561.97
1955	Dry	28.05	29.62	19.94	21.60	14.40	15.80	27.86	28.51	43.15	63.40	46.98	25.96	365.27
1956	Wet	24.01	18.67	73.15	71.99	69.90	21.60	20.90	49.84	42.76	49.40	43.01	57.46	542.69
1957	Above Normal	35.97	47.21	19.97	20.11	14.26	46.22	26.45	41.84	46.42	67.44	46.45	36.41	448.75
1958	Wet	31.82	38.01	48.20	62.73	64.55	69.47	51.90	42.40	41.75	61.72	60.02	51.73	624.30
1959	Below Normal	40.46	45.64	19.29	31.57	55.59	15.79	37.49	37.95	57.99	67.03	52.58	20.46	481.84
1960	Dry	30.25	23.09	20.89	16.73	16.27	17.89	29.51	23.53	53.84	65.98	44.43	29.16	371.57
1961	Dry	27.61	20.63	27.80	15.79	41.49	28.80	27.31	33.09	47.65	67.44	53.74	30.28	421.63
1962	Below Normal	30.87	28.27	20.18	19.39	59.89	21.60	28.90	35.98	48.04	59.88	47.23	24.13	424.36
1963	Wet	33.33	24.54	41.22	21.60	36.19	29.01	69.82	25.84	43.27	65.11	46.02	47.15	483.10
1964	Dry	24.23	31.77	23.33	21.60	14.77	15.79	43.10	35.87	46.28	60.88	48.04	24.91	390.57
1965	Wet	23.44	19.88	76.03	74.89	19.51	21.60	29.77	32.32	45.08	59.35	42.23	55.88	499.98
1966	Below Normal	29.65	37.36	19.29	21.60	18.19	51.22	33.87	37.51	57.54	67.44	50.72	29.30	453.69
1967	Wet	32.46	20.67	51.82	45.50	34.42	70.83	44.60	63.76	42.19	55.61	56.95	54.80	573.61
1968	Below Normal	36.03	39.32	19.29	21.60	50.83	15.79	31.19	34.12	50.85	67.44	40.71	26.26	433.43
1969	Wet	23.97	18.67	21.30	74.08	67.53	27.21	52.04	55.34	44.88	54.82	48.77	55.09	543.70
1970	Wet	26.43	24.70	73.74	66.57	54.11	21.60	32.63	34.18	47.56	67.44	46.38	54.84	550.18
1971	Wet	34.67	25.61	28.52	65.76	19.51	76.05	28.24	40.39	42.69	55.75	43.88	54.50	515.57
1972	Below Normal	38.85	38.44	19.29	21.60	17.31	55.36	33.77	32.37	53.33	67.44	45.48	24.26	447.50
1973	Above Normal	27.81	26.10	32.52	65.53	68.28	34.17	20.90	30.45	51.33	66.41	45.35	33.43	502.28
1974	Wet	23.09	70.56	75.09	69.87	23.85	70.74	30.49	30.78	44.07	45.76	59.58	52.60	596.48
1975	Wet	40.14	48.16	19.97	19.36	19.51	73.63	20.90	43.51	47.76	52.30	52.59	55.50	493.33
1976	Critical	42.50	42.44	19.29	17.04	24.35	15.81	25.73	31.51	49.73	65.09	27.96	16.17	377.62
1977	Critical	33.19	25.63	25.54	21.44	27.71	21.51	44.40	27.26	58.14	61.15	35.06	1.86	382.89
1978	Above Normal	1.23	13.49	15.79	15.79	34.57	64.49	28.83	41.79	49.93	55.20	46.21	25.66	392.98
1979	Below Normal	31.42	35.09	20.30	21.60	14.26	15.79	15.28	25.78	49.55	52.50	36.81	25.89	344.27
1980	Above Normal	19.82	24.93	19.29	75.90	67.48	21.60	21.48	32.15	50.40	54.81	46.06	31.13	465.05
1981	Dry	26.39	31.26	19.29	20.05	14.26	15.79	17.06	38.54	65.26	67.03	44.01	24.92	383.86
1982	Wet	19.29	37.69	74.46	34.41	66.85	58.31	71.30	20.43	36.84	48.03	44.71	42.42	554.74
1983	Wet	43.96	30.83	58.58	75.51	63.84	69.25	60.22	55.00	64.64	66.42	64.49	55.23	707.97
1984	Wet	43.60	59.76	73.73	35.72	20.21	45.76	25.48	35.07	47.55	66.76	41.16	55.62	550.42
1985	Dry	21.38	31.15	26.82	21.60	14.26	15.79	27.59	42.28	54.08	58.79	49.25	25.32	388.31
1986	Wet	26.27	24.46	19.39	18.66	62.13	75.24	20.90	37.09	52.80	56.08	48.55	27.40	468.97
1987	Dry	23.07	31.66	21.33	16.99	14.26	15.79	32.92	40.94	64.78	67.92	44.87	26.46	400.99
1988	Critical	30.31	20.78	16.78	17.87	24.07	16.32	25.79	29.19	53.17	62.92	50.32	22.08	369.60
1989	Dry	27.51	15.28	16.77	15.79	14.26	15.79	15.28	41.53	42.76	62.90	39.31	16.91	324.09
1990	Critical	19.11	17.91	18.87	15.79	14.26	15.79	32.19	25.24	39.57	60.64	48.17	17.87	325.41
1991	Critical	23.26	19.47	15.79	23.59	14.26	15.79	15.28	29.31	37.12	45.11	33.23	17.54	289.75
1992	Critical	24.53	25.36	15.79	15.79	14.77	15.79	15.69	45.70	59.32	64.93	61.67	22.67	382.01
1993	Above Normal	29.74	20.85	14.93	15.79	14.26	15.79	20.90	22.81	44.82	57.59	40.73	42.15	340.36
1994	Critical	30.24	30.88	19.86	15.79	14.26	15.79	36.46	32.42	51.68	64.04	53.23	18.43	383.08
1995	Wet	23.95	21.44	15.79	53.67	31.05	68.02	34.86	55.95	41.18	51.70	58.49	50.26	506.36
1996	Wet	38.98	40.44	19.29	21.60	66.89	50.15	20.90	50.30	41.89	53.99	42.65	53.30	500.38
1997	Wet	36.19	41.18	73.39	71.01	19.51	21.60	34.50	42.42	49.22	62.79	40.91	55.37	548.09
1998	Wet	34.81	37.29	20.52	49.89	61.92	75.68	20.90	70.93	72.85	70.67	64.11	54.77	634.34
1999	Wet	43.86	48.55	51.79	35.73	67.01	59.32	20.90	43.20	44.32	58.89	44.52	55.95	574.04
2000	Above Normal	33.87	51.76	20.40	23.44	66.27	35.29	26.05	37.57	50.25	67.44	47.77	42.45	502.56
2001	Dry	30.85	40.98	20.50	18.16	14.26	15.79	24.45	42.92	64.69	67.44	42.92	22.77	405.73
2002	Dry	35.76	19.87	19.29	43.22	15.42	15.79	30.59	38.53	52.29	54.96	42.67	25.94	394.33
2003	Above Normal	29.30	24.04	52.16	66.71	14.26	15.79	46.15	60.87	44.91	71.01	42.60	38.54	506.34
	Average	28.52	29.26	29.21	31.43	31.94	31.88	30.49	37.07	47.53	59.33	47.19	35.10	438.95
	Wet	31.08	33.57	45.80	50.40	48.31	50.17	38.13	44.02	45.90	57.88	50.76	54.15	550.17
	Above Normal	27.32	32.19	26.39	35.29	42.83	38.32	28.16	36.04	49.51	64.06	47.26	36.90	464.25
	Below Normal	28.39	28.39	22.61	20.70	25.07	23.29	24.35	33.28	47.45	58.70	45.37	24.86	382.48
	Dry	26.96	25.66	19.86	19.33	16.26	18.02	26.46	34.07	49.83	60.70	45.31	24.80	367.27
	Critical	26.66	23.42	17.84	17.12	17.12	16.64	29.49	31.93	45.72	56.43	44.30	19.40	346.06

Difference in Energy generated (GWh) at Keswick Dam: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.71	3.00	0.00	0.00	(0.45)	0.00	0.00	(2.28)	(2.33)	(0.17)	(1.83)	(2.30)	(0.47)
1924	Critical	(2.35)	(2.25)	(2.34)	0.00	0.00	0.04	0.08	0.07	0.53	0.64	3.17	0.66	(0.15)
1925	Dry	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04	(1.02)	(0.03)	(0.04)	(0.09)
1926	Dry	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.13	0.87	3.25	(0.21)	0.22	0.36
1927	Wet	0.01	0.00	0.00	0.00	(0.10)	0.00	0.00	0.00	0.00	0.00	0.18	(0.08)	0.00
1928	Above Normal	0.00	0.04	0.00	0.00	0.00	(0.14)	0.00	0.05	0.03	0.00	0.11	0.10	0.02
1929	Critical	0.02	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.01
1930	Dry	(0.02)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.27	0.04	(0.51)	(0.02)
1931	Critical	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.02)	0.01	(0.02)	0.03	0.80	0.03	0.07
1932	Dry	(0.03)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.03)	(0.04)	0.00	0.02	0.01	(0.01)
1933	Critical	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	0.00	0.00	(0.01)	(0.01)
1934	Critical	0.66	1.01	0.49	0.00	0.00	0.00	(0.01)	(0.04)	(0.02)	0.00	(0.01)	(0.05)	0.17
1935	Below Normal	0.44	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.01	0.00	(0.01)	0.04
1936	Below Normal	(0.01)	(0.01)	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.15	0.00	(0.01)	0.01
1937	Below Normal	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.08)	(0.02)	(0.01)	(0.01)
1938	Wet	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.55)	(0.04)
1939	Dry	(0.22)	2.86	(0.77)	0.00	(0.01)	0.00	(0.20)	(0.04)	(0.04)	0.00	(1.34)	1.07	0.11
1940	Above Normal	1.70	0.08	0.00	0.00	0.09	0.00	0.00	0.01	0.02	0.00	0.02	1.94	0.32
1941	Wet	0.11	0.12	(2.19)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.16)
1942	Wet	(0.12)	0.10	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1943	Wet	0.00	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.16)	(0.04)	0.46	0.01
1944	Dry	0.01	1.70	0.00	0.00	0.00	0.00	(0.03)	(0.03)	(0.05)	(0.27)	(0.33)	(0.04)	0.08
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(2.22)	(2.48)	(2.30)	(0.13)	(2.19)	(2.08)	(0.95)
1946	Below Normal	(2.05)	4.04	(0.59)	0.00	0.00	0.00	(0.07)	(0.06)	(0.06)	(0.03)	(0.04)	(0.03)	0.09
1947	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.06	0.01	0.02	0.18	0.02
1948	Below Normal	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.02)	0.00	0.02	0.00	(0.02)	0.00
1949	Dry	(0.02)	(0.01)	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1950	Below Normal	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.15	0.00	(0.01)	0.01
1951	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.10	5.06	(4.89)	0.03	0.00	0.00	(0.01)	0.00	0.00	0.01	0.00	0.00	0.03
1954	Above Normal	0.00	(0.48)	0.00	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	(0.04)	0.12	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.05)	(0.23)	(0.02)
1956	Wet	(0.02)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.32	0.00	(0.33)	0.00	0.00	0.02	0.02	0.00	0.00	0.03	0.00	0.01
1960	Dry	(0.02)	0.01	0.00	0.00	0.00	0.00	(0.01)	0.00	0.01	0.00	0.00	0.01	0.00
1961	Dry	(0.01)	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	0.00
1962	Below Normal	0.00	0.00	0.00	(0.01)	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.01	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	(0.14)	(0.01)
1964	Dry	0.08	0.07	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.01
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.09)	(0.06)	(0.06)	(0.03)	(0.03)
1966	Below Normal	0.06	(0.60)	0.00	0.00	0.00	0.83	0.00	0.03	0.04	0.00	0.10	(0.25)	0.02
1967	Wet	(0.10)	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.05
1968	Below Normal	(0.51)	7.85	0.00	0.00	(7.50)	0.00	0.02	0.00	0.00	0.00	0.00	0.00	(0.01)
1969	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	(0.08)	0.00
1970	Wet	(0.20)	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	(0.01)
1971	Wet	0.10	(0.17)	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.01	(0.01)	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	3.75	0.31
1974	Wet	(2.92)	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.24)
1975	Wet	0.00	(0.45)	0.00	0.00	0.00	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1976	Critical	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.31	(0.17)	0.00	0.02
1977	Critical	(0.19)	(0.03)	(0.05)	0.03	(0.03)	0.00	0.00	(0.02)	(0.04)	(0.02)	0.06	(0.01)	(0.03)
1978	Above Normal	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1979	Below Normal	0.00	4.90	0.31	0.00	0.00	0.00	0.00	(0.18)	(0.22)	(0.94)	(0.23)	1.15	0.40
1980	Above Normal	(1.42)	(1.71)	0.00	0.00	0.00	0.00	(0.02)	(0.05)	(0.05)	(0.06)	(2.40)	6.09	0.03
1981	Dry	0.45	(6.28)	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	(0.51)	(0.30)	(0.55)
1982	Wet	0.00	1.98	0.00	(0.24)	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.01	0.00	0.14
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.28)	(0.02)
1987	Dry	(0.02)	1.73	0.00	0.00	0.00	0.00	(0.01)	(0.05)	0.00	0.00	(0.21)	(0.04)	0.12
1988	Critical	0.01	0.01	0.00	0.00	(0.25)	(0.01)	0.00	0.00	(0.01)	(0.19)	(0.04)	0.00	(0.04)
1989	Dry	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	(0.02)	0.00	(0.02)	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1991	Critical	0.01	0.01	0.00	0.02	0.00	0.00	0.00	0.00	0.00	(0.26)	0.00	0.00	(0.02)
1992	Critical	0.01	0.02	0.00	0.00	0.00	0.00	0.01	0.04	0.04	(0.02)	0.01	(0.01)	0.01
1993	Above Normal	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00
1994	Critical	0.00	(0.07)	0.00	0.00	0.00	0.00	0.01	(0.02)	(0.02)	(0.01)	0.00	0.02	(0.01)
1995	Wet	0.01	0.00	0.00	(0.06)	0.00	0.00	0.00	0.00	0.00	(0.20)	0.00	0.00	(0.02)
1996	Wet	0.00	5.29	(0.67)	(0.81)	0.23	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.34
1997	Wet	0.04	0.17	0.01	0.00	0.00	0.00	(0.02)	(0.03)	(0.03)	(1.04)	(0.08)	0.36	(0.05)
1998	Wet	0.76	(3.06)	0.00	3.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
2000	Above Normal	0.31	(0.16)	0.05	(0.20)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	(0.02)	0.00	0.19	0.00	0.00	0.00	0.00	0.01	0.00	0.00	(0.21)	0.00	0.00
2002	Dry	(0.05)	0.00	0.00	0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.38	0.03	(0.41)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.00
	Average	(0.05)	0.31	(0.13)	0.03	(0.10)	0.01	(0.03)	(0.06)	(0.05)	0.00	(0.07)	0.11	(0.00)
	Wet	(0.09)	0.35	(0.29)	0.09	0.00	(0.00)	(0.00)	(0.00)	(0.01)	(0.05)	0.00	0.01	0.00
	Above Normal	0.08	(0.18)	(0.03)	0.02	0.01	(0.01)	(0.00)	0.00	0.00	(0.01)	(0.19)	0.99	0.06
	Below Normal	(0.10)	1.39	(0.02)	(0.02)	(0.57)	0.06	(0.16)	(0.36)	(0.35)	(0.07)	(0.30)	(0.26)	(0.06)
	Dry	0.00	0.01	(0.04)	0.00	(0.00)	0.00	(0.01)	0.00	0.05	0.12	(0.16)	0.02	0.00
	Critical	(0.15)	(0.10)	(0.16)	0.00	(0.02)	0.00	0.01	0.00	0.04	0.04	0.32	0.05	0.00

Percent Difference in Energy generated (GWh) at Keswick Dam: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	3%	9%	0%	0%	-3%	0%	0%	-5%	-4%	0%	-4%	-9%
1924	Critical	-8%	-9%	-10%	0%	0%	0%	0%	0%	1%	1%	7%	3%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	2%	5%	0%	1%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	-2%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	3%	7%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1939	Dry	-1%	10%	-4%	0%	0%	0%	-1%	0%	0%	0%	-2%	4%
1940	Above Normal	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%
1941	Wet	0%	1%	-6%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1944	Dry	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	-9%	-9%	-5%	0%	-5%	-7%
1946	Below Normal	-8%	22%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	13%	-20%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	-1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-2%	0%	0%	0%	2%	0%	0%	0%	0%	0%	-1%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1968	Below Normal	-1%	25%	0%	0%	-13%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	13%
1974	Wet	-11%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1977	Critical	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1978	Above Normal	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	16%	2%	0%	0%	0%	0%	-1%	0%	-2%	-1%	5%
1980	Above Normal	-7%	-6%	0%	0%	0%	0%	0%	0%	0%	0%	-5%	24%
1981	Dry	2%	-17%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1982	Wet	0%	6%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1987	Dry	0%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	15%	-3%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	1%
1998	Wet	2%	-8%	0%	7%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	1%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%
	Below Normal	0%	5%	0%	0%	-1%	0%	-1%	-1%	-1%	0%	-1%	-1%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	1%	0%

Energy generated (GWh) at Lewiston Dam: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Energy generated (GWh) at Lewiston Dam: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Difference in Energy generated (GWh) at Lewiston Dam: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Percent Difference in Energy generated (GWh) at Lewiston Dam: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Energy generated (GWh) at New Melones Dam: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	36.36	12.64	9.71	10.09	0.00	47.81	73.39	88.32	82.38	69.41	63.55	41.18	534.84
1923	Below Normal	37.01	11.13	4.84	18.83	30.52	68.47	69.30	92.53	81.91	68.33	62.44	35.16	580.47
1924	Critical	32.94	14.78	10.54	10.91	19.90	32.77	55.24	52.97	37.66	37.05	35.02	22.58	362.36
1925	Dry	20.27	8.30	8.06	8.84	1.36	14.60	62.16	70.24	56.59	59.72	55.09	34.79	400.02
1926	Dry	35.68	13.61	9.94	10.41	9.55	26.58	47.76	62.70	49.63	49.23	45.96	29.72	390.77
1927	Wet	27.91	6.70	8.22	8.02	1.53	15.80	65.71	83.03	75.85	58.12	53.64	34.16	438.69
1928	Above Normal	22.37	9.10	9.34	10.24	8.47	10.86	75.71	83.62	54.43	54.91	51.18	32.94	423.17
1929	Critical	33.77	9.08	9.03	9.49	10.49	19.91	51.26	59.84	36.45	43.25	41.52	26.63	350.72
1930	Dry	28.09	13.67	10.74	7.60	10.06	13.72	55.95	56.81	43.39	43.62	40.56	26.01	350.22
1931	Critical	22.50	6.88	9.47	7.09	12.55	20.41	52.58	50.12	32.06	34.01	31.13	19.72	298.52
1932	Dry	21.66	6.34	3.93	5.54	2.55	15.54	37.56	41.64	41.34	44.06	42.07	27.10	289.33
1933	Critical	24.71	12.44	9.94	7.04	11.38	16.61	45.15	44.74	38.37	39.48	36.66	23.43	309.95
1934	Critical	18.94	10.51	5.34	5.59	6.24	15.51	49.28	47.78	28.21	30.01	17.68	8.35	243.44
1935	Below Normal	4.83	5.22	7.22	7.63	5.72	5.64	16.53	39.48	38.81	41.43	39.52	25.42	237.45
1936	Below Normal	15.21	7.97	7.10	5.21	0.00	11.39	41.32	51.28	42.12	46.80	45.33	28.00	301.73
1937	Below Normal	23.75	14.08	8.09	7.68	0.00	3.54	39.16	58.77	53.22	49.36	47.59	30.80	336.04
1938	Wet	27.82	9.26	6.99	8.23	0.00	41.77	78.05	98.36	88.41	74.51	68.00	64.26	565.66
1939	Dry	33.99	20.07	14.11	15.26	13.65	17.36	92.58	86.36	59.78	60.68	55.83	29.23	498.90
1940	Above Normal	36.01	17.07	10.54	6.54	5.40	45.10	68.66	93.60	81.01	66.61	60.86	39.35	530.75
1941	Wet	37.19	17.39	9.13	9.05	6.15	46.31	58.06	88.89	81.45	68.00	62.19	40.31	524.12
1942	Wet	35.36	15.61	9.59	4.79	6.99	53.42	56.60	81.39	83.63	71.51	65.33	42.12	526.34
1943	Wet	40.16	10.72	14.71	77.24	57.08	99.42	82.26	103.54	88.51	73.47	66.66	44.20	757.97
1944	Dry	40.20	18.66	14.04	14.85	12.68	20.04	77.48	88.50	59.35	59.97	55.91	35.54	497.22
1945	Below Normal	25.83	9.50	9.78	10.56	3.92	46.63	79.51	90.73	77.93	65.33	59.76	37.08	516.56
1946	Below Normal	24.74	10.27	6.83	9.64	9.93	14.70	82.01	85.67	70.29	65.08	59.61	37.35	476.12
1947	Dry	33.28	13.61	10.13	10.71	12.90	37.89	82.01	75.60	43.93	45.99	42.73	27.66	436.44
1948	Below Normal	21.19	8.35	8.47	9.21	20.84	15.57	47.95	53.30	45.40	48.69	46.91	30.31	356.19
1949	Dry	22.50	14.19	8.23	8.71	13.79	15.82	60.46	58.78	43.53	46.85	43.98	28.50	365.34
1950	Below Normal	29.26	13.75	8.10	5.86	4.99	15.96	55.91	62.16	45.40	48.64	46.34	25.90	362.27
1951	Above Normal	18.08	2.57	0.95	3.94	6.82	56.75	82.41	98.25	80.40	66.49	60.77	39.55	516.98
1952	Wet	33.60	10.89	7.12	0.55	7.97	54.41	80.51	102.94	89.20	99.03	106.42	77.64	670.28
1953	Wet	44.21	14.35	13.06	24.48	28.56	67.88	87.48	91.39	75.84	65.36	59.15	39.26	611.02
1954	Above Normal	36.74	15.66	10.55	10.53	16.31	23.36	92.21	83.31	55.12	57.34	52.71	34.19	488.03
1955	Dry	37.88	10.20	8.84	7.33	13.18	22.11	43.71	64.48	49.38	51.20	46.75	28.69	383.75
1956	Wet	29.95	8.32	0.00	0.00	7.11	64.43	78.00	87.42	81.19	67.23	61.62	37.45	522.72
1957	Above Normal	36.20	18.21	10.89	11.17	11.78	25.38	87.18	77.61	61.07	62.70	58.08	35.64	495.91
1958	Wet	25.00	16.56	10.40	8.95	3.14	42.00	40.32	81.46	83.23	71.40	65.08	59.09	506.63
1959	Below Normal	43.09	18.50	11.25	11.24	30.79	25.18	92.20	91.09	59.44	61.55	55.91	21.83	522.07
1960	Dry	36.42	16.58	10.37	10.45	8.84	29.68	57.55	60.75	43.28	44.52	42.23	26.90	387.57
1961	Dry	25.97	7.52	7.45	8.04	13.56	19.83	46.93	47.87	38.10	39.13	36.40	23.41	314.21
1962	Below Normal	26.31	7.59	7.71	7.98	1.61	13.45	47.59	55.83	43.80	45.13	43.33	27.87	328.20
1963	Wet	22.83	10.89	7.61	7.26	9.29	15.10	31.82	65.18	46.13	48.22	46.57	29.23	340.13
1964	Dry	17.39	7.46	8.16	7.28	14.09	30.51	60.87	60.52	41.93	45.80	42.86	27.63	364.50
1965	Wet	18.34	7.35	10.17	1.73	7.88	21.14	67.32	87.86	81.72	61.33	51.82	36.58	453.24
1966	Below Normal	38.02	10.19	9.23	9.45	8.73	22.58	57.78	68.97	47.97	50.54	47.18	30.53	401.17
1967	Wet	30.82	8.31	6.15	3.59	27.07	49.01	51.38	86.10	77.07	70.03	64.29	41.61	515.43
1968	Below Normal	40.33	11.36	11.01	10.99	11.30	14.16	87.26	90.54	60.55	62.48	54.66	36.39	491.03
1969	Wet	30.65	10.67	9.20	0.00	0.00	59.62	84.84	119.28	140.05	113.34	101.95	70.20	739.80
1970	Wet	35.73	14.35	33.00	135.12	66.73	57.20	85.81	97.28	80.11	66.36	60.81	39.58	772.08
1971	Wet	36.54	10.09	5.89	9.23	10.31	60.33	82.03	90.06	78.58	64.72	59.40	38.42	545.60
1972	Below Normal	34.88	11.84	8.74	10.46	14.39	37.69	81.06	78.06	47.07	48.66	44.96	27.88	445.69
1973	Above Normal	27.75	8.58	8.33	2.73	1.00	7.56	70.46	87.82	67.58	60.27	55.57	35.52	433.17
1974	Wet	22.32	7.81	7.10	7.30	9.81	48.62	66.98	93.74	80.76	63.26	63.28	40.92	511.90
1975	Wet	30.20	14.00	10.96	11.15	8.43	45.43	76.16	98.74	82.30	68.54	57.47	40.76	544.14
1976	Critical	27.81	15.40	10.88	11.26	15.80	41.87	76.38	74.93	43.39	44.15	36.87	24.78	423.52
1977	Critical	24.48	8.71	8.00	8.51	19.14	34.89	41.98	37.70	29.28	30.26	29.43	17.83	290.21
1978	Above Normal	23.71	8.11	7.60	2.82	4.05	9.45	47.88	73.56	48.92	49.34	47.78	25.91	349.13
1979	Below Normal	34.81	8.47	8.52	7.10	3.18	11.18	73.20	89.88	80.60	57.13	53.91	34.57	462.55
1980	Above Normal	27.62	9.86	10.33	4.09	2.74	52.91	78.87	93.75	82.27	63.76	62.93	40.85	529.98
1981	Dry	41.97	18.54	11.09	9.76	10.53	12.79	80.83	89.15	59.18	59.07	55.04	35.29	483.24
1982	Wet	26.87	9.43	7.95	1.57	52.46	94.48	81.67	104.44	89.47	103.29	107.86	92.84	772.33
1983	Wet	53.82	72.74	83.35	113.10	123.44	161.68	71.22	94.64	198.09	197.32	127.20	93.29	1,389.89
1984	Wet	41.05	94.36	137.80	72.52	62.34	63.15	89.29	97.22	79.86	65.62	60.34	39.44	902.99
1985	Dry	25.30	9.99	10.37	11.17	9.19	18.07	80.88	88.97	56.58	61.60	53.95	33.88	459.95
1986	Wet	29.77	9.68	9.67	9.64	0.00	120.43	83.84	101.79	88.16	73.15	66.20	41.87	634.20
1987	Dry	35.72	20.59	13.86	14.97	13.48	11.43	80.64	81.53	49.70	50.15	46.70	30.03	448.80
1988	Critical	26.25	9.16	8.36	8.56	15.24	26.33	45.72	52.67	37.18	38.26	37.13	23.40	328.26
1989	Dry	28.25	7.81	7.81	8.23	14.24	16.39	48.95	55.14	41.04	42.70	40.46	18.28	329.30
1990	Critical	16.95	8.77	7.04	7.13	11.12	26.74	47.37	38.73	35.80	35.05	33.43	21.15	289.28
1991	Critical	14.98	10.62	6.60	6.92	13.78	6.21	34.49	42.99	31.15	31.64	22.49	12.82	234.69
1992	Critical	8.46	5.78	6.05	5.29	3.18	6.42	30.80	21.65	9.95	11.84	10.19	9.47	129.08
1993	Above Normal	5.23	3.77	9.73	6.60	3.44	6.03	31.23	40.24	38.58	43.44	41.76	26.84	256.89
1994	Critical	21.74	7.22	7.38	8.83	8.39	29.48	40.92	39.24	37.52	37.85	34.67	21.54	294.78
1995	Wet	19.32	6.41	6.43	0.00	10.45	0.00	55.12	65.44	53.53	60.30	57.20	36.65	370.85
1996	Wet	39.04	17.13	10.23	7.19	4.92	53.09	76.35	78.06	83.30	70.43	64.05	41.38	545.17
1997	Wet	29.95	10.86	51.62	220.99	160.91	70.50	93.65	96.04	79.14	65.33	59.72	39.18	977.89
1998	Wet	39.61	11.06	10.64	5.08	0.00	54.19	80.28	70.54	86.45	131.47	123.73	94.23	707.28
1999	Wet	41.30	17.92	26.37	47.12	86.93	57.60	82.02	95.15	95.00	68.34	61.77	39.95	719.47
2000	Above Normal	41.42	17.07	11.11	8.38	1.22	54.86	73.22	78.98	73.77	68.87	61.28	39.67	529.85
2001	Dry	23.42	12.24	10.95	8.26	1.32	8.83	70.11	82.79	53.09	55.30	50.33	31.42	408.06
2002	Dry	33.82	8.93	9.08	9.42	15.61	18.72	56.59	66.41	51.09	49.45	45.58	29.47	394.17
2003	Above Normal	29.77	8.09	7.07	7.29	17.53	18.12	48.09	63.56	64.88	48.97	44.32	29.36	387.05
	Average	29.33	13.04	12.34	15.65	16.12	34.25	64.65	74.79	62.56	58.94	53.89	35.37	470.92
	Wet	32.67	17.03	19.74	30.53	29.21	58.35	72.57	90.77	87.19	78.45	70.84	49.79	637.15
	Above Normal	28.44	10.89	8.85	7.04	6.56	29.85	69.11	80.22	65.87	59.34	55.07	35.08	456.31
	Below Normal	28.52	10.59	8.35	9.42	10.42	21.87	62.20	72.02	56.75	54.23	50.53	30.65	415.54
	Dry	30.10	12.68	9.84	9.82	10.59	19.44	63.50	68.79	48.94	50.50	46.80	29.09	400.10
	Critical	22.79	9.95	8.22	8.05	12.27	23.10	47.60	46.95	33.09	34.40	30.52	19.31	296.23

Energy generated (GWh) at New Melones Dam: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	36.36	12.64	9.71	10.09	0.00	47.81	73.39	88.32	82.38	69.41	63.55	41.18	534.84
1923	Below Normal	37.01	11.13	4.84	18.83	30.52	68.47	69.30	92.53	81.91	68.33	62.44	35.16	580.47
1924	Critical	32.94	14.78	10.54	10.91	19.90	32.77	55.24	52.97	37.66	37.05	35.02	22.58	362.36
1925	Dry	20.27	8.30	8.06	8.84	1.36	14.60	62.16	70.24	56.58	59.70	55.09	34.79	399.99
1926	Dry	35.68	13.61	9.94	10.41	9.56	26.58	47.76	62.70	49.64	49.24	45.96	29.72	390.80
1927	Wet	27.91	6.70	8.22	8.02	1.53	15.80	65.71	83.03	75.86	58.11	53.64	34.16	438.69
1928	Above Normal	22.37	9.10	9.34	10.24	8.47	10.86	75.71	83.61	54.43	54.91	51.18	32.94	423.16
1929	Critical	33.77	9.08	9.03	9.49	10.49	19.91	51.26	59.84	36.45	43.25	41.52	26.63	350.72
1930	Dry	28.09	13.67	10.74	7.60	10.06	13.72	55.95	56.81	43.39	43.62	40.56	26.01	350.22
1931	Critical	22.50	6.88	9.47	7.09	12.55	20.41	52.58	50.12	32.06	34.01	31.13	19.72	298.52
1932	Dry	21.66	6.34	3.93	5.54	2.55	15.54	37.56	41.64	41.34	44.06	42.07	27.10	289.33
1933	Critical	24.71	12.44	9.94	7.04	11.38	16.61	45.15	44.74	38.37	39.48	36.66	23.43	309.95
1934	Critical	18.94	10.51	5.34	5.59	6.24	15.51	49.28	47.78	28.20	30.01	17.67	8.35	243.42
1935	Below Normal	4.83	5.22	7.22	7.63	5.72	5.64	16.53	39.48	38.81	41.43	39.52	25.42	237.45
1936	Below Normal	15.21	7.97	7.10	5.21	0.00	11.39	41.32	51.28	42.12	46.80	45.33	28.00	301.73
1937	Below Normal	23.75	14.08	8.09	7.68	0.00	3.54	39.16	59.34	53.21	49.35	47.58	30.79	336.57
1938	Wet	27.82	9.25	6.99	8.23	0.00	41.77	78.03	98.35	88.40	74.50	67.99	63.62	564.95
1939	Dry	33.99	20.07	14.11	15.26	13.65	17.36	92.58	86.36	59.77	60.66	55.83	29.23	498.87
1940	Above Normal	36.01	17.07	10.54	6.54	5.40	45.10	68.66	93.60	81.01	66.61	60.86	39.35	530.75
1941	Wet	37.19	17.39	9.13	9.05	6.15	46.31	58.06	88.89	81.46	68.00	62.19	40.31	524.13
1942	Wet	35.36	15.61	9.59	4.79	6.99	53.42	56.61	81.39	83.63	71.51	65.33	42.12	526.35
1943	Wet	40.16	10.72	14.74	77.24	57.08	99.42	82.26	103.54	88.51	73.47	66.66	44.20	758.00
1944	Dry	40.20	18.66	14.04	14.85	12.68	20.04	77.48	88.50	59.35	59.97	55.91	35.54	497.22
1945	Below Normal	25.83	9.50	9.78	10.56	3.92	46.63	79.51	90.73	77.93	65.33	59.76	37.08	516.56
1946	Below Normal	24.74	10.27	6.83	9.64	9.93	14.70	82.01	85.67	70.31	65.08	59.61	37.35	476.14
1947	Dry	33.28	13.61	10.13	10.71	12.90	37.89	82.01	75.60	43.93	45.99	42.73	27.66	436.44
1948	Below Normal	21.19	8.35	8.47	9.21	20.84	15.57	47.95	53.30	45.40	48.69	46.91	30.31	356.19
1949	Dry	22.50	14.19	8.23	8.71	13.79	15.82	60.46	58.78	43.53	46.85	43.98	28.50	365.34
1950	Below Normal	29.26	13.75	8.10	5.86	4.99	15.96	55.91	62.16	45.40	48.64	46.34	25.90	362.27
1951	Above Normal	18.08	2.57	0.95	3.94	6.82	56.75	82.41	98.25	80.40	66.49	60.77	39.55	516.98
1952	Wet	33.60	10.89	7.12	0.55	7.97	54.41	80.51	102.94	89.20	99.02	106.42	77.64	670.27
1953	Wet	44.21	14.35	13.06	24.48	28.56	67.88	87.48	91.38	75.84	65.36	59.15	39.26	611.01
1954	Above Normal	36.74	15.66	10.55	10.53	16.31	23.36	92.21	83.31	55.12	57.34	52.71	34.19	488.03
1955	Dry	37.88	10.20	8.84	7.33	13.18	22.11	43.71	64.48	49.38	51.20	46.75	28.69	383.75
1956	Wet	29.95	8.32	0.00	0.00	7.11	64.43	78.00	87.42	81.19	67.23	61.62	37.45	522.72
1957	Above Normal	36.20	18.21	10.89	11.17	11.78	25.38	87.18	77.61	61.07	62.70	58.08	35.64	495.91
1958	Wet	25.00	16.56	10.40	8.95	3.14	42.00	40.32	81.51	83.23	71.40	65.08	59.04	506.63
1959	Below Normal	43.09	18.50	11.25	11.24	30.79	25.18	92.20	91.09	59.44	61.55	55.91	21.83	522.07
1960	Dry	36.42	16.58	10.37	10.45	8.84	29.68	57.55	60.75	43.28	44.52	42.23	26.90	387.57
1961	Dry	25.97	7.52	7.45	8.04	13.56	19.83	46.93	47.87	38.10	39.13	36.40	23.41	314.21
1962	Below Normal	26.31	7.59	7.71	7.98	1.61	13.45	47.59	55.83	43.80	45.13	43.33	27.87	328.20
1963	Wet	22.83	10.89	7.61	7.26	9.29	15.10	31.82	65.18	46.13	48.22	46.57	29.23	340.13
1964	Dry	17.39	7.46	8.16	7.28	14.09	30.51	60.87	60.52	41.93	45.80	42.86	27.63	364.50
1965	Wet	18.34	7.35	10.17	1.73	7.88	21.14	67.32	87.87	81.71	61.33	51.82	36.58	453.24
1966	Below Normal	38.02	10.19	9.23	9.45	8.73	22.58	57.78	68.97	47.96	50.54	47.18	30.53	401.16
1967	Wet	30.82	8.31	6.15	3.59	27.07	49.01	51.38	86.15	77.07	70.03	64.28	41.61	515.47
1968	Below Normal	40.33	11.36	11.01	10.99	11.30	14.16	87.26	90.54	60.55	62.48	54.66	36.38	491.02
1969	Wet	30.65	10.67	9.20	0.00	0.00	59.62	84.84	119.28	140.01	113.34	101.95	70.20	739.76
1970	Wet	35.73	14.35	33.00	135.12	66.73	57.20	85.81	97.28	80.11	66.36	60.81	39.58	772.08
1971	Wet	36.54	10.09	5.89	9.23	10.31	60.33	82.03	90.06	78.58	64.72	59.40	38.42	545.60
1972	Below Normal	34.88	11.84	8.74	10.46	14.39	37.69	81.06	78.06	47.07	48.66	44.96	27.88	445.69
1973	Above Normal	27.75	8.58	8.33	2.73	1.00	7.56	70.46	87.82	67.58	60.27	55.57	35.52	433.17
1974	Wet	22.32	7.81	7.10	7.30	9.81	48.62	66.98	93.74	80.76	63.26	63.28	40.92	511.90
1975	Wet	30.20	14.00	10.96	11.15	8.43	45.43	76.16	98.74	82.30	68.54	57.47	40.76	544.14
1976	Critical	27.81	15.40	10.88	11.26	15.80	41.87	76.38	74.93	43.39	44.15	36.87	24.78	423.52
1977	Critical	24.48	8.71	8.00	8.51	19.14	34.89	41.98	37.70	29.28	30.26	29.43	17.83	290.21
1978	Above Normal	23.71	8.11	7.60	2.82	4.05	9.45	47.88	73.56	48.92	49.34	47.78	25.91	349.13
1979	Below Normal	34.81	8.47	8.52	7.10	3.18	11.18	73.20	89.88	80.60	57.13	53.91	34.57	462.55
1980	Above Normal	27.62	9.86	10.33	4.09	2.74	52.91	78.87	93.74	82.27	63.76	62.93	40.85	529.97
1981	Dry	41.97	18.54	11.09	9.76	10.53	12.79	80.83	89.15	59.18	59.06	55.04	35.29	483.23
1982	Wet	26.87	9.43	7.95	1.57	52.48	94.48	81.67	104.44	89.47	103.29	107.86	92.84	772.35
1983	Wet	53.82	72.74	83.35	113.10	123.44	161.68	71.22	94.64	198.09	197.32	127.20	93.29	1,389.89
1984	Wet	41.05	94.36	137.80	72.52	62.34	63.15	89.29	97.22	79.86	65.62	60.34	39.44	902.99
1985	Dry	25.30	9.99	10.37	11.17	9.19	18.07	80.88	88.97	56.58	61.60	53.95	33.88	459.95
1986	Wet	29.77	9.68	9.67	9.64	0.00	120.43	83.84	101.79	88.16	73.15	66.20	41.87	634.20
1987	Dry	35.72	20.59	13.86	14.97	13.48	11.43	80.64	81.53	49.70	50.14	46.70	30.03	448.79
1988	Critical	26.25	9.16	8.36	8.56	15.24	26.33	45.72	52.67	37.18	38.26	37.13	23.40	328.26
1989	Dry	28.25	7.81	7.81	8.23	14.24	16.39	48.95	55.14	41.04	42.70	40.46	18.28	329.30
1990	Critical	16.95	8.77	7.04	7.13	11.12	26.74	47.37	38.73	35.80	35.05	33.43	21.15	289.28
1991	Critical	14.98	10.62	6.60	6.92	13.78	6.21	34.49	42.99	31.15	31.64	22.49	12.82	234.69
1992	Critical	8.46	5.78	6.05	5.29	3.18	6.42	30.80	21.65	9.95	11.84	10.19	9.47	129.08
1993	Above Normal	5.23	3.77	9.73	6.60	3.44	6.03	31.23	40.24	38.58	43.44	41.76	26.84	256.89
1994	Critical	21.74	7.22	7.38	8.83	8.39	29.48	40.92	39.24	37.53	37.85	34.67	21.54	294.79
1995	Wet	19.32	6.41	6.43	0.00	10.45	0.00	55.12	65.44	53.53	60.30	57.20	36.65	370.85
1996	Wet	39.04	17.13	10.23	7.19	4.92	53.09	76.35	78.06	83.30	70.43	64.05	41.38	545.17
1997	Wet	29.95	10.86	51.62	220.99	160.91	70.50	93.65	96.04	79.14	65.33	59.72	39.18	977.89
1998	Wet	39.61	11.06	10.64	5.08	0.00	54.19	80.28	70.54	86.45	131.47	123.73	94.23	707.28
1999	Wet	41.30	17.92	26.37	47.12	86.93	57.60	82.02	95.15	95.00	68.34	61.77	39.95	719.47
2000	Above Normal	41.42	17.07	11.11	8.38	1.22	54.86	73.22	78.98	73.77	68.87	61.28	39.67	529.85
2001	Dry	23.42	12.24	10.95	8.26	1.32	8.83	70.11	82.79	53.09	55.30	50.33	31.42	408.06
2002	Dry	33.82	8.93	9.08	9.42	15.61	18.72	56.59	66.41	51.09	49.45	45.58	29.47	394.17
2003	Above Normal	29.77	8.09	7.07	7.29	17.53	18.12	48.09	63.56	64.88	48.97	44.32	29.36	387.05
	Average	29.33	13.04	12.34	15.65	16.12	34.25	64.65	74.79	62.56	58.94	53.89	35.36	470.92
	Wet	32.67	17.03	19.75	30.53	29.21	58.35	72.57	90.77	87.19	78.45	70.84	49.77	637.12
	Above Normal	28.44	10.89	8.85	7.04	6.56	29.85	69.11	80.22	65.87	59.34	55.07	35.08	456.31
	Below Normal	28.52	10.59	8.35	9.42	10.42	21.87	62.20	72.06	56.75	54.22	50.53	30.65	415.58
	Dry	30.10	12.68	9.84	9.82	10.59	19.44	63.50	68.79	48.94	50.50	46.80	29.09	400.10
	Critical	22.79	9.95	8.22	8.05	12.27	23.10	47.60	46.95	33.09	34.40	30.52	19.31	296.23

Difference in Energy generated (GWh) at New Melones Dam: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57	(0.01)	(0.01)	(0.01)	(0.01)	0.04
1938	Wet	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.64)	(0.06)
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	0.00	0.00	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	(0.05)	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	(0.01)	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	(0.00)	0.00	0.00	0.00	0.00	(0.00)	0.01	(0.00)	(0.00)	(0.00)	(0.01)	(0.00)
	Wet	0.00	(0.00)	0.00	0.00	0.00	0.00	(0.00)	0.00	(0.00)	(0.00)	(0.00)	(0.03)	(0.00)
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	(0.00)	(0.00)	(0.00)	0.00
	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	0.00	0.00	0.00
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00	(0.00)	0.00	0.00

Percent Difference in Energy generated (GWh) at New Melones Dam: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Energy generated (GWh) at Nimbus Dam: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	3.19	4.88	4.26	3.62	9.64	7.12	8.94	11.54	11.17	5.79	8.26	10.24	88.65
1923	Below Normal	3.72	5.41	11.90	9.57	8.56	3.94	6.33	9.47	5.87	10.58	3.73	8.18	87.26
1924	Critical	5.24	3.96	4.26	3.62	2.88	1.71	1.65	1.71	1.59	1.64	1.64	1.58	31.48
1925	Dry	1.69	1.65	1.71	1.71	10.75	4.53	9.79	9.44	7.83	10.58	6.60	3.36	69.64
1926	Dry	3.19	3.96	4.26	3.62	5.58	2.21	6.43	3.57	6.29	6.40	4.49	2.13	52.13
1927	Wet	3.19	3.22	3.38	7.55	9.67	9.78	11.39	9.89	10.91	9.94	3.73	10.24	92.89
1928	Above Normal	3.54	8.28	4.26	3.73	3.49	11.00	9.77	3.73	6.04	10.58	5.24	5.11	74.77
1929	Critical	3.19	3.44	3.66	3.11	2.40	2.68	2.61	3.10	3.61	3.73	3.73	3.16	38.42
1930	Dry	2.34	2.24	2.34	2.36	2.13	5.59	3.61	3.73	5.79	9.34	4.73	3.16	47.36
1931	Critical	3.19	3.47	3.73	3.17	2.43	2.20	2.13	2.20	2.18	2.76	2.56	3.75	33.77
1932	Dry	3.23	1.85	1.69	1.69	4.93	4.66	3.61	7.25	10.14	7.20	8.03	7.17	61.45
1933	Critical	4.01	5.16	4.26	3.62	2.78	3.11	3.19	3.08	6.40	7.70	5.61	3.14	52.06
1934	Critical	3.54	3.37	2.16	1.84	1.54	1.71	4.19	5.35	7.56	1.68	4.45	3.27	40.66
1935	Below Normal	1.95	1.59	1.68	1.69	1.55	3.73	11.52	8.75	8.90	10.58	3.73	7.43	63.10
1936	Below Normal	6.10	3.96	4.26	10.84	10.01	8.94	10.95	8.40	9.80	10.58	3.73	10.24	97.81
1937	Below Normal	3.19	3.96	4.26	3.62	6.33	9.32	8.78	8.28	4.54	10.58	5.22	5.60	73.68
1938	Wet	3.19	5.73	11.87	5.93	10.37	11.24	11.37	11.51	11.24	7.65	8.91	9.87	108.88
1939	Dry	3.19	4.67	4.26	3.62	2.78	1.79	3.28	3.02	3.53	6.00	2.69	1.80	40.63
1940	Above Normal	2.81	2.72	2.81	6.55	10.59	11.34	11.52	6.61	3.92	10.58	4.69	10.24	84.38
1941	Wet	3.59	6.76	4.26	11.22	10.60	10.32	7.53	10.48	6.76	5.18	8.66	10.16	95.52
1942	Wet	3.73	6.34	9.05	11.57	10.32	5.18	11.52	11.88	11.43	6.92	8.99	10.24	107.17
1943	Wet	3.62	10.22	6.92	11.28	10.67	11.03	10.59	5.33	6.21	10.58	3.73	10.24	100.42
1944	Dry	5.73	5.61	4.26	3.62	2.88	3.08	2.98	3.08	4.66	7.73	6.13	3.96	53.72
1945	Below Normal	3.19	3.35	3.56	3.56	10.61	4.33	4.49	7.25	5.56	10.58	3.90	10.24	70.62
1946	Below Normal	3.95	5.62	11.63	10.87	4.91	6.45	7.30	7.62	4.08	10.58	5.59	7.95	86.55
1947	Dry	3.96	3.96	4.26	3.62	2.78	4.72	2.91	3.01	6.10	6.72	4.99	3.54	50.57
1948	Below Normal	3.19	3.16	3.29	2.80	2.23	3.73	3.61	7.25	10.58	7.08	6.49	8.32	61.73
1949	Dry	3.19	4.93	4.26	3.62	2.78	5.75	6.76	5.31	3.69	10.58	7.33	3.78	61.98
1950	Below Normal	3.19	3.96	4.26	5.58	10.60	6.65	9.48	8.43	8.24	10.58	3.73	7.92	82.62
1951	Above Normal	5.67	9.71	9.86	11.41	10.58	8.06	6.74	7.73	3.61	10.58	4.06	9.18	97.19
1952	Wet	3.19	5.45	9.61	11.60	10.77	11.90	11.27	11.18	10.98	9.21	9.95	9.15	114.26
1953	Wet	3.26	7.93	4.26	11.86	4.46	3.73	5.23	6.01	11.52	8.39	8.23	8.57	83.45
1954	Above Normal	4.48	6.17	4.26	3.62	5.75	9.44	8.81	3.73	3.61	10.58	3.73	4.64	68.82
1955	Dry	3.19	3.96	4.26	3.62	4.77	3.73	3.61	3.73	3.61	5.66	6.39	3.45	49.98
1956	Wet	3.19	3.90	9.91	10.15	11.13	4.22	6.01	11.86	11.52	6.49	9.02	9.62	97.02
1957	Above Normal	3.28	7.61	4.26	3.62	3.34	9.60	3.61	6.07	5.88	10.58	5.61	6.49	69.95
1958	Wet	3.19	3.96	4.31	6.07	10.31	11.87	11.02	11.44	11.39	6.39	9.18	8.69	97.82
1959	Below Normal	3.19	7.36	4.26	3.62	3.47	2.16	2.09	2.16	2.98	10.39	2.48	2.18	46.34
1960	Dry	3.19	3.29	3.46	2.94	2.36	7.11	3.93	3.69	3.61	3.84	5.92	3.70	47.04
1961	Dry	3.19	3.96	4.26	3.62	2.78	2.42	2.34	2.42	2.37	6.57	2.45	2.35	38.73
1962	Below Normal	1.93	1.86	1.94	1.69	5.28	4.29	7.91	3.76	4.09	10.58	5.97	4.95	54.25
1963	Wet	8.95	8.83	7.16	8.53	10.05	3.73	11.48	11.84	6.53	9.54	3.73	10.24	100.61
1964	Dry	4.00	7.49	4.80	5.00	3.39	3.73	3.61	3.73	3.61	7.41	6.35	4.48	57.60
1965	Wet	3.19	3.47	8.92	10.80	10.24	3.73	11.52	7.65	7.35	10.58	4.47	10.24	92.16
1966	Below Normal	6.06	4.47	4.26	3.73	3.36	2.44	2.72	2.44	2.40	9.73	3.31	2.40	47.32
1967	Wet	3.19	3.72	6.45	11.85	8.58	11.90	8.20	11.69	10.98	8.43	9.07	9.55	103.61
1968	Below Normal	3.19	7.29	4.40	3.62	11.09	4.32	3.03	3.13	3.07	9.84	3.17	3.07	59.22
1969	Wet	3.19	3.44	3.69	10.32	10.42	7.44	11.50	11.58	11.49	8.58	7.39	9.19	98.23
1970	Wet	3.19	4.66	11.71	8.81	10.75	5.39	3.61	3.73	3.61	10.58	3.85	10.24	80.13
1971	Wet	3.19	3.45	9.57	10.06	6.61	8.48	5.03	7.53	10.20	8.02	6.71	8.88	87.73
1972	Below Normal	3.19	6.97	4.29	4.18	6.12	8.77	3.61	3.73	4.39	10.05	4.51	3.16	62.97
1973	Above Normal	3.19	3.96	7.38	11.55	10.68	7.44	4.73	9.03	6.28	9.74	3.73	7.05	84.76
1974	Wet	3.19	11.45	11.81	11.10	8.38	11.59	11.50	10.04	8.57	6.94	9.11	8.85	112.53
1975	Wet	3.19	7.53	4.26	3.62	4.93	9.77	4.31	10.91	11.52	6.29	8.50	8.78	83.61
1976	Critical	3.19	9.40	4.26	3.62	2.88	1.81	1.75	1.81	1.86	2.36	1.91	1.85	36.70
1977	Critical	1.71	1.65	1.71	1.69	1.52	0.74	0.73	0.65	0.73	0.76	3.04	0.72	15.65
1978	Above Normal	0.99	0.99	1.09	5.18	9.34	11.90	8.61	8.91	9.14	10.42	3.73	8.14	78.44
1979	Below Normal	3.57	5.25	4.26	3.62	6.36	7.29	3.74	9.00	5.47	9.55	3.73	5.82	67.66
1980	Above Normal	3.19	4.95	4.78	9.58	10.06	7.87	6.02	6.20	6.59	6.22	10.58	8.40	84.44
1981	Dry	4.59	5.81	4.26	3.73	3.36	2.04	1.97	2.04	2.26	6.35	3.33	2.13	41.87
1982	Wet	3.19	10.88	10.63	11.73	9.14	11.76	10.12	11.55	11.52	6.62	8.99	9.53	115.66
1983	Wet	4.41	11.35	11.57	11.78	9.88	10.05	11.48	11.36	10.13	11.90	10.46	10.46	124.83
1984	Wet	3.53	9.96	10.09	11.90	10.66	6.43	4.21	5.60	4.83	10.58	3.73	10.24	91.76
1985	Dry	3.97	6.76	5.38	3.73	3.42	3.28	3.78	3.28	6.31	6.73	5.39	3.10	55.13
1986	Wet	3.19	4.53	3.73	6.62	5.26	11.05	5.79	5.71	7.59	10.58	6.74	8.34	79.13
1987	Dry	3.19	3.91	4.20	3.57	2.74	1.71	1.65	2.52	3.09	6.79	1.58	1.53	36.48
1988	Critical	1.58	1.59	1.69	1.71	2.63	1.88	1.65	1.71	2.53	2.40	1.71	1.65	22.73
1989	Dry	1.89	1.83	1.89	1.89	1.54	11.53	8.18	7.38	9.49	7.45	5.25	4.33	62.65
1990	Critical	3.19	3.47	3.73	3.17	2.43	2.69	2.61	2.69	3.46	3.89	3.38	2.75	37.46
1991	Critical	3.02	2.90	2.97	2.53	1.94	2.17	2.12	2.19	3.61	7.40	9.21	3.11	43.17
1992	Critical	1.68	1.62	1.68	1.68	1.58	0.64	2.89	3.37	3.81	10.49	0.86	0.72	31.02
1993	Above Normal	1.25	1.01	1.64	2.52	10.75	11.81	8.56	11.19	10.84	7.96	5.58	8.25	81.36
1994	Critical	3.19	7.49	4.26	3.62	2.78	2.92	2.83	2.92	3.08	3.89	3.08	2.92	42.98
1995	Wet	2.48	2.38	2.48	11.31	10.12	10.00	11.45	11.16	11.00	10.33	9.55	9.18	101.44
1996	Wet	5.84	5.42	5.13	11.73	9.94	11.89	9.79	11.71	6.74	7.70	6.08	9.64	101.61
1997	Wet	5.36	7.71	10.76	6.01	10.73	3.73	3.61	3.73	3.61	10.58	3.73	10.24	79.80
1998	Wet	4.80	3.37	3.60	9.50	9.81	11.90	10.93	11.90	10.85	8.84	9.32	9.39	104.21
1999	Wet	3.19	8.31	6.29	11.90	10.04	8.73	5.06	10.39	9.95	8.49	5.50	10.00	97.85
2000	Above Normal	3.69	6.56	4.26	5.33	10.41	8.66	5.03	4.62	4.06	10.58	3.97	5.32	72.49
2001	Dry	3.37	4.92	4.26	3.62	2.78	2.13	2.06	2.13	2.09	6.50	2.67	2.09	38.62
2002	Dry	2.42	1.65	2.82	7.43	6.72	6.91	4.27	3.73	3.61	10.58	5.31	3.21	58.66
2003	Above Normal	4.91	3.96	4.86	7.69	5.13	3.73	4.50	10.73	5.77	10.58	3.87	7.85	73.58
	Average	3.46	4.99	5.10	6.03	6.47	6.25	6.11	6.48	6.39	8.07	5.37	6.29	71.01
	Wet	3.75	6.31	7.36	9.80	9.38	8.72	8.67	9.53	9.17	8.67	7.21	9.61	98.17
	Above Normal	3.35	5.07	4.48	6.20	8.31	9.00	7.24	7.51	6.41	9.52	5.25	7.58	79.90
	Below Normal	3.54	4.59	4.88	4.93	6.46	5.45	6.11	6.41	5.71	10.09	4.24	6.25	68.65
	Dry	3.31	4.03	3.70	3.50	3.80	4.27	4.15	4.06	4.89	7.36	4.98	3.29	51.35
	Critical	3.06	3.96	3.20	2.78	2.32	2.02	2.36	2.57	3.37	4.06	3.43	2.39	35.51

Energy generated (GWh) at Nimbus Dam: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	3.19	4.88	4.26	3.62	9.64	7.12	8.94	11.54	11.17	5.79	8.26	10.24	88.65
1923	Below Normal	3.81	5.75	11.90	9.57	8.71	3.94	6.18	9.47	5.87	10.58	3.74	8.18	87.70
1924	Critical	6.21	3.96	4.26	3.62	2.88	1.71	1.65	1.71	1.36	1.41	1.41	1.35	31.53
1925	Dry	1.69	1.65	1.71	1.71	10.75	4.53	9.79	9.44	7.56	10.58	6.70	3.17	69.28
1926	Dry	3.19	4.04	4.26	3.62	5.86	2.22	6.42	3.61	5.93	6.34	4.64	2.13	52.26
1927	Wet	3.19	3.28	3.47	7.59	9.67	9.78	11.39	9.89	10.91	9.94	3.79	10.24	93.14
1928	Above Normal	3.59	8.19	4.26	3.73	3.49	11.00	9.77	3.73	6.04	10.58	5.21	5.10	74.69
1929	Critical	3.19	3.44	3.66	3.11	2.41	2.69	2.61	3.09	3.61	3.73	3.73	3.16	38.43
1930	Dry	2.35	2.26	2.35	2.36	2.14	5.57	3.61	3.73	5.79	9.31	4.74	3.16	47.37
1931	Critical	3.19	3.47	3.73	3.17	2.43	2.20	2.12	2.20	2.18	2.75	2.17	3.74	33.35
1932	Dry	3.23	1.84	1.71	1.71	5.36	4.66	3.61	7.25	10.14	7.20	8.03	7.17	61.91
1933	Critical	3.99	5.14	4.26	3.62	2.78	3.11	3.19	3.08	6.40	7.70	5.62	3.14	52.03
1934	Critical	3.55	3.36	2.16	1.84	1.54	1.71	4.19	5.36	7.56	1.68	4.45	3.29	40.69
1935	Below Normal	1.95	1.59	1.68	1.69	1.55	3.73	11.52	8.75	8.90	10.58	3.73	7.43	63.10
1936	Below Normal	6.11	3.96	4.26	10.84	10.01	8.94	10.95	8.40	9.80	10.58	3.73	10.24	97.82
1937	Below Normal	3.19	3.96	4.26	3.62	6.33	9.32	8.78	8.28	4.54	10.58	5.22	5.61	73.69
1938	Wet	3.19	5.73	11.87	5.93	10.37	11.24	11.37	11.51	11.24	7.16	9.03	10.17	108.81
1939	Dry	3.19	4.98	4.26	3.62	2.78	1.79	3.30	3.11	3.47	5.92	2.48	1.80	40.70
1940	Above Normal	2.80	2.71	2.80	6.55	10.59	11.34	11.52	6.61	3.92	10.58	5.35	10.24	85.01
1941	Wet	3.60	6.45	4.26	10.87	10.60	10.32	7.53	10.48	6.76	5.18	8.66	10.16	94.87
1942	Wet	3.71	6.36	9.05	11.57	10.32	5.18	11.52	11.88	11.43	6.92	8.99	10.24	107.17
1943	Wet	3.62	10.21	6.93	11.28	10.67	11.03	10.59	5.33	6.21	10.56	3.73	10.24	100.40
1944	Dry	5.54	6.05	4.26	3.62	2.88	3.08	2.98	3.08	4.67	7.66	6.07	3.94	53.83
1945	Below Normal	3.19	3.33	3.53	3.53	10.61	4.33	4.49	7.26	5.56	10.58	4.97	8.92	70.30
1946	Below Normal	3.86	5.84	11.62	10.87	4.91	6.45	7.30	7.62	4.08	10.58	5.60	8.08	86.81
1947	Dry	3.80	3.96	4.26	3.62	2.78	4.74	2.91	3.01	6.07	6.73	5.00	3.56	50.44
1948	Below Normal	3.19	3.16	3.29	2.80	2.23	3.73	3.61	7.25	10.58	7.08	6.49	8.32	61.73
1949	Dry	3.19	4.93	4.26	3.62	2.78	5.75	6.76	5.31	3.69	10.58	7.26	3.78	61.91
1950	Below Normal	3.19	3.96	4.26	5.65	10.60	6.65	9.48	8.43	8.24	10.58	3.73	7.92	82.69
1951	Above Normal	5.67	9.71	9.86	11.41	10.58	8.06	6.74	7.73	3.61	10.58	4.06	9.18	97.19
1952	Wet	3.19	5.45	9.61	11.60	10.77	11.90	11.27	11.18	10.98	9.21	9.95	9.15	114.26
1953	Wet	3.38	8.44	4.26	11.88	4.46	3.73	5.23	6.01	11.52	8.39	8.23	8.57	84.10
1954	Above Normal	4.48	6.11	4.26	3.62	5.81	9.44	8.81	3.73	3.61	10.58	3.73	4.64	68.82
1955	Dry	3.19	3.96	4.26	3.62	4.77	3.73	3.61	3.73	3.61	5.66	6.38	3.42	49.94
1956	Wet	3.19	3.91	9.91	10.15	11.13	4.22	6.01	11.86	11.52	6.49	9.02	9.62	97.03
1957	Above Normal	3.28	7.61	4.26	3.62	3.34	9.60	3.61	6.07	5.88	10.58	5.61	6.49	69.95
1958	Wet	3.19	3.96	4.31	6.07	10.31	11.87	11.02	11.44	11.39	6.39	9.18	8.69	97.82
1959	Below Normal	3.19	7.40	4.26	3.62	3.43	2.16	2.09	2.16	2.98	10.42	2.46	2.18	46.35
1960	Dry	3.19	3.29	3.45	2.94	2.36	7.11	3.94	3.69	3.61	3.84	5.92	3.70	47.04
1961	Dry	3.19	3.96	4.26	3.62	2.78	2.42	2.34	2.42	2.37	6.57	2.45	2.35	38.73
1962	Below Normal	1.92	1.86	1.94	1.69	5.28	4.29	7.91	3.76	4.09	10.58	5.97	4.95	54.24
1963	Wet	8.95	8.83	7.16	8.53	10.05	3.73	11.48	11.84	6.53	9.54	3.73	10.24	100.61
1964	Dry	3.99	7.49	4.79	5.01	3.39	3.73	3.61	3.73	3.61	7.41	6.35	4.48	57.59
1965	Wet	3.19	3.47	8.92	10.80	10.24	3.73	11.52	7.65	7.35	10.58	4.47	10.24	92.16
1966	Below Normal	6.02	4.40	4.26	3.73	3.36	2.44	2.83	2.44	2.40	9.79	3.29	2.40	47.36
1967	Wet	3.19	3.72	6.43	11.85	8.58	11.90	8.20	11.69	10.98	8.43	9.07	9.62	103.66
1968	Below Normal	3.19	8.16	4.26	3.62	11.12	4.33	3.03	3.13	3.07	9.93	3.17	3.07	60.08
1969	Wet	3.19	3.42	3.65	10.32	10.42	7.44	11.50	11.58	11.49	8.59	7.43	9.14	98.17
1970	Wet	3.19	4.64	11.74	8.81	10.75	5.39	3.61	3.73	3.61	10.58	3.85	10.24	80.14
1971	Wet	3.19	3.45	9.57	10.06	6.61	8.48	5.03	7.53	10.20	8.01	6.71	8.88	87.72
1972	Below Normal	3.19	6.97	4.29	4.18	6.12	8.77	3.61	3.73	4.39	10.05	4.51	3.16	62.97
1973	Above Normal	3.19	3.96	7.38	11.55	10.68	7.44	4.73	9.03	6.28	9.74	3.73	7.56	85.27
1974	Wet	3.19	11.47	11.81	11.10	8.38	11.59	11.50	10.04	8.57	6.94	9.11	8.85	112.55
1975	Wet	3.19	7.48	4.26	3.62	4.99	9.77	4.31	10.91	11.52	6.29	8.50	8.78	83.62
1976	Critical	3.19	9.42	4.26	3.62	2.88	1.81	1.75	1.81	1.86	2.37	1.91	1.85	36.73
1977	Critical	1.71	1.65	1.71	1.69	1.52	0.74	0.73	0.65	0.73	0.76	3.03	0.72	15.64
1978	Above Normal	0.99	0.99	1.09	5.18	9.34	11.90	8.61	8.91	9.14	10.42	3.73	8.14	78.44
1979	Below Normal	3.57	5.83	4.26	3.62	5.78	7.29	3.74	9.01	5.49	9.92	3.73	5.82	68.06
1980	Above Normal	3.19	4.59	4.78	9.57	10.06	7.87	6.02	6.20	6.59	8.88	10.58	7.35	85.68
1981	Dry	3.58	4.86	4.26	3.73	3.36	2.03	1.97	2.03	2.27	6.35	3.48	2.08	40.00
1982	Wet	3.19	11.15	10.63	11.73	9.14	11.76	10.12	11.55	11.52	6.62	8.99	9.53	115.93
1983	Wet	4.41	11.35	11.57	11.78	9.88	10.05	11.48	11.36	10.13	11.90	10.46	10.46	124.83
1984	Wet	3.53	9.96	10.09	11.90	10.66	6.43	4.21	5.60	4.83	10.58	3.73	10.24	91.76
1985	Dry	3.97	6.76	5.38	3.73	3.42	3.28	3.78	3.28	6.31	6.73	5.39	3.10	55.13
1986	Wet	3.19	4.53	3.73	6.62	5.26	11.05	5.79	5.71	7.59	10.58	6.57	8.48	79.10
1987	Dry	3.19	3.92	4.21	3.58	2.75	1.71	1.65	2.54	3.08	6.68	1.58	1.53	36.42
1988	Critical	1.58	1.59	1.69	1.71	2.75	1.89	1.65	1.71	2.53	2.39	1.71	1.65	22.85
1989	Dry	1.89	1.83	1.89	1.89	1.54	11.53	8.18	7.39	9.49	7.46	5.24	4.33	62.66
1990	Critical	3.19	3.47	3.73	3.17	2.43	2.69	2.61	2.69	3.46	3.89	3.38	2.75	37.46
1991	Critical	3.02	2.90	2.97	2.52	1.94	2.17	2.11	2.18	3.61	7.40	9.29	3.11	43.22
1992	Critical	1.68	1.62	1.68	1.68	1.58	0.64	2.89	3.35	3.79	10.49	0.86	0.72	30.98
1993	Above Normal	1.25	1.01	1.64	2.52	10.75	11.81	8.56	11.19	10.84	7.96	5.58	8.25	81.36
1994	Critical	3.19	7.48	4.26	3.62	2.78	2.92	2.83	2.92	3.08	3.89	3.08	2.92	42.97
1995	Wet	2.48	2.38	2.48	11.31	10.12	10.00	11.45	11.16	11.00	10.33	9.55	9.18	101.44
1996	Wet	5.84	6.02	4.54	11.73	9.94	11.89	9.79	11.71	6.74	7.70	6.08	9.64	101.62
1997	Wet	5.37	7.74	10.77	6.01	10.73	3.73	3.61	3.73	3.61	10.58	3.73	10.24	79.85
1998	Wet	4.80	3.37	3.60	9.50	9.81	11.90	10.93	11.90	10.85	8.84	9.32	9.39	104.21
1999	Wet	3.19	8.31	6.29	11.90	10.04	8.73	5.06	10.39	9.95	8.49	5.49	10.00	97.84
2000	Above Normal	3.73	6.54	4.26	5.31	10.41	8.66	5.03	4.62	4.06	10.58	3.98	5.32	72.50
2001	Dry	3.37	4.92	4.26	3.62	2.78	2.13	2.06	2.13	2.09	6.46	2.68	2.09	38.59
2002	Dry	2.44	1.65	2.83	7.43	6.72	6.91	4.27	3.73	3.61	10.58	5.31	3.44	58.92
2003	Above Normal	4.73	3.96	4.81	7.69	5.13	3.73	4.50	10.73	5.77	10.58	3.87	7.85	73.35
	Average	3.45	5.02	5.09	6.03	6.47	6.25	6.11	6.48	6.38	8.10	5.39	6.27	71.04
	Wet	3.75	6.35	7.34	9.79	9.38	8.72	8.67	9.53	9.17	8.65	7.21	9.62	98.19
	Above Normal	3.34	5.02	4.47	6.20	8.32	9.00	7.24	7.51	6.41	9.74	5.31	7.53	80.08
	Below Normal	3.54	4.73	4.86	4.93	6.43	5.46	6.11	6.41	5.71	10.13	4.31	6.16	68.78
	Dry	3.23	4.02	3.70	3.50	3.84	4.27	4.16	4.07	4.85	7.34	4.98	3.29	51.26
	Critical	3.14	3.96	3.20	2.78	2.33	2.02	2.36	2.56	3.35	4.04	3.39	2.37	35.49

Difference in Energy generated (GWh) at Nimbus Dam: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.09	0.34	0.00	0.00	0.15	0.00	(0.15)	0.00	0.00	0.00	0.01	0.00	0.04
1924	Critical	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.23)	(0.23)	(0.23)	(0.23)	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.27)	0.00	0.10	(0.19)	(0.03)
1926	Dry	0.00	0.08	0.00	0.00	0.28	0.01	(0.01)	0.04	(0.36)	(0.06)	0.15	0.00	0.01
1927	Wet	0.00	0.06	0.09	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.02
1928	Above Normal	0.05	(0.09)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.01)	(0.01)
1929	Critical	0.00	0.00	0.00	0.00	0.01	0.01	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.01	0.02	0.01	0.00	0.01	(0.02)	0.00	0.00	0.00	(0.03)	0.01	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	(0.39)	(0.01)	(0.04)
1932	Dry	0.00	(0.01)	0.02	0.02	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1933	Critical	(0.02)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1934	Critical	0.01	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.49)	0.12	0.30	(0.01)
1939	Dry	0.00	0.31	0.00	0.00	0.00	0.00	0.02	0.09	(0.06)	(0.08)	(0.21)	0.00	0.01
1940	Above Normal	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.05
1941	Wet	0.01	(0.31)	0.00	(0.35)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)
1942	Wet	(0.02)	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00
1944	Dry	(0.19)	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.07)	(0.06)	(0.02)	0.01
1945	Below Normal	0.00	(0.02)	(0.03)	(0.03)	0.00	0.00	0.00	0.01	0.00	0.00	1.07	(1.32)	(0.03)
1946	Below Normal	(0.09)	0.22	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.13	0.02
1947	Dry	(0.16)	0.00	0.00	0.00	0.00	0.02	0.00	0.00	(0.03)	0.01	0.01	0.02	(0.01)
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	0.00	(0.01)
1950	Below Normal	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.12	0.51	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
1954	Above Normal	0.00	(0.06)	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.03)	0.00
1956	Wet	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.04	0.00	0.00	(0.04)	0.00	0.00	0.00	0.00	0.03	(0.02)	0.00	0.00
1960	Dry	0.00	0.00	(0.01)	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	(0.01)	0.00	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	(0.04)	(0.07)	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.06	(0.02)	0.00	0.00
1967	Wet	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00
1968	Below Normal	0.00	0.87	(0.14)	0.00	0.03	0.01	0.00	0.00	0.00	0.09	0.00	0.00	0.07
1969	Wet	0.00	(0.02)	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	(0.05)	0.00
1970	Wet	0.00	(0.02)	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.04
1974	Wet	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	(0.05)	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.58	0.00	0.00	(0.58)	0.00	0.00	0.01	0.02	0.37	0.00	0.00	0.03
1980	Above Normal	0.00	(0.36)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	2.66	0.00	(1.05)	0.10
1981	Dry	(1.01)	(0.95)	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.01	0.00	0.15	(0.05)	(0.16)
1982	Wet	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.17)	0.14	0.00
1987	Dry	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.02	(0.01)	(0.11)	0.00	0.00	(0.01)
1988	Critical	0.00	0.00	0.00	0.00	0.12	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	0.01
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	(0.01)	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.08	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.02)	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.60	(0.59)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.01	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
2000	Above Normal	0.04	(0.02)	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	0.01	0.00	0.00
2002	Dry	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.02
2003	Above Normal	(0.18)	0.00	(0.05)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
	Average	(0.00)	0.03	(0.01)	(0.00)	0.01	0.00	(0.00)	0.00	(0.01)	0.03	0.02	(0.02)	0.00
	Wet	0.00	0.04	(0.02)	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.02	0.00
	Above Normal	(0.01)	(0.05)	(0.01)	(0.00)	0.00	0.00	0.00	0.00	0.00	0.22	0.05	(0.05)	0.01
	Below Normal	(0.00)	0.14	(0.01)	0.00	(0.03)	0.00	(0.00)	0.00	0.00	0.04	0.08	(0.08)	0.01
	Dry	(0.07)	(0.01)	0.00	0.00	0.04	0.00	0.00	0.01	(0.04)	(0.02)	0.00	(0.00)	(0.01)
	Critical	0.08	(0.00)	0.00	(0.00)	0.01	0.00	(0.00)	(0.00)	(0.02)	(0.02)	(0.05)	(0.02)	(0.00)

Percent Difference in Energy generated (GWh) at Nimbus Dam: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	2%	6%	0%	0%	2%	0%	-2%	0%	0%	0%	0%	0%
1924	Critical	19%	0%	0%	0%	0%	0%	0%	0%	-14%	-14%	-14%	-15%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	2%	-6%
1926	Dry	0%	2%	0%	0%	5%	0%	0%	1%	-6%	-1%	3%	0%
1927	Wet	0%	2%	3%	1%	0%	0%	0%	0%	0%	0%	2%	0%
1928	Above Normal	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-15%	0%
1932	Dry	0%	-1%	1%	1%	9%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-6%	1%	3%
1939	Dry	0%	7%	0%	0%	0%	0%	1%	3%	-2%	-1%	-8%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	14%	0%
1941	Wet	0%	-5%	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	-3%	8%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%
1945	Below Normal	0%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	27%	-13%
1946	Below Normal	-2%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1947	Dry	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1950	Below Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	4%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	-1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	1%	0%	0%	-1%	0%	0%	0%	0%	0%	-1%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	-1%	-2%	0%	0%	0%	0%	4%	0%	0%	1%	-1%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1968	Below Normal	0%	12%	-3%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1969	Wet	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	1%	-1%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	11%	0%	0%	-9%	0%	0%	0%	0%	4%	0%	0%
1980	Above Normal	0%	-7%	0%	0%	0%	0%	0%	0%	0%	43%	0%	-13%
1981	Dry	-22%	-16%	0%	0%	0%	0%	0%	0%	0%	0%	5%	-2%
1982	Wet	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	2%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	1%	0%	-2%	0%	0%
1988	Critical	0%	0%	0%	0%	5%	1%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	11%	-12%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
2002	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%
2003	Above Normal	-4%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	4%	1%	0%
	Below Normal	0%	2%	0%	0%	-1%	0%	0%	0%	0%	0%	2%	-1%
	Dry	-2%	0%	0%	0%	1%	0%	0%	0%	-1%	0%	0%	0%
	Critical	2%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	-1%

Energy generated (GWh) at O'Neill: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.55	0.00	0.00	0.00	0.00	0.61
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.27	3.80	0.12	0.00	0.00	0.00	5.19
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.57	0.72	2.15	4.42	3.78	2.58	0.00	14.22
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.92	3.32	0.68	0.00	0.00	0.00	4.92
1926	Dry	0.00	0.00	0.00	0.00	0.00	1.19	0.72	3.34	1.63	0.00	0.41	0.00	7.29
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.79	3.91	1.05	0.00	0.00	0.00	6.75
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.37	3.82	1.87	0.00	0.00	0.00	7.06
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	1.53	2.94	4.68	1.66	0.00	0.00	10.81
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.62	2.55	3.36	0.00	1.67	0.00	8.20
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	1.04	2.23	4.36	4.15	2.60	0.00	14.38
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.10	0.89	2.40	3.90	4.00	0.00	0.00	11.29
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.74	2.15	3.87	3.58	0.00	0.00	10.34
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.10	1.08	2.30	4.32	4.26	2.69	0.00	14.75
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.13	3.49	0.23	0.00	2.87	0.00	7.72
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	1.38	0.00	0.49	0.00	2.05
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.22	1.62	0.00	2.72
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.73	0.00	0.00	0.00	0.00	1.96	3.62	6.00	0.00	0.00	0.00	12.31
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.96	2.48	1.40	0.00	0.00	0.00	4.84
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.90	2.44	0.00	0.00	0.00	0.00	3.34
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.45	2.90	0.00	0.00	0.00	0.00	4.35
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.00	0.00	0.00	0.00	0.82
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.29	3.44	2.83	0.00	0.69	0.00	8.25
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.78	4.10	3.43	0.00	0.00	0.00	9.31
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.92	4.08	3.40	0.00	0.00	0.00	9.40
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.08	1.12	3.80	3.60	0.00	0.00	0.00	8.60
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.43	3.37	1.05	0.00	0.00	0.00	5.85
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.62	4.07	3.88	0.00	0.00	0.00	9.57
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.50	3.63	0.19	0.00	0.00	0.00	5.32
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.92	4.09	1.92	0.86	0.00	0.00	8.79
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.43	3.72	3.03	0.00	0.00	0.00	8.18
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.52	3.68	1.56	1.29	0.00	0.00	8.05
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.44	3.79	5.93	0.00	0.00	0.00	11.16
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.06	3.50	0.00	0.00	0.00	0.00	4.56
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.14	1.34	3.38	3.04	0.00	0.00	0.00	7.90
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.18
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.26	3.44	3.41	0.00	0.00	0.00	7.11
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.98	2.69	3.74	0.00	0.32	0.00	8.73
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	2.11	3.78	6.31	0.00	0.00	0.00	12.20
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.43	3.79	3.59	0.00	0.00	0.00	8.81
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.75	3.82	0.53	0.00	0.00	0.00	6.10
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	2.08	3.78	5.65	0.00	0.00	0.00	11.51
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.18	4.40	2.02	0.00	0.00	0.00	7.60
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.92	3.84	3.73	0.00	0.00	0.00	8.49
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.61	3.44	3.45	0.00	0.00	0.00	8.50
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.73	0.00	0.00	0.00	0.00	1.63	4.11	3.71	0.00	0.00	0.00	10.18
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.32	3.58	1.38	0.00	0.00	0.00	6.28
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.52	3.70	3.62	0.00	0.00	0.00	8.84
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.78	1.79	1.28	0.00	0.00	0.32	5.17
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.56	3.64	0.00	0.00	0.00	0.00	4.20
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.80	4.09	0.00	0.00	0.00	0.00	5.89
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.67	3.20	5.51	1.11	4.42	1.80	16.71
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.55	1.01	2.18	4.73	4.07	0.00	0.90	13.44
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.67	1.33	3.26	0.00	0.00	0.00	6.26
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.28	0.00	0.00	0.00	1.10	2.38
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.82	3.48	3.60	0.00	0.00	0.00	7.90
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.85	4.10	3.31	0.00	0.00	0.00	9.26
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.92	3.62	3.72	0.00	0.00	0.00	8.26
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.33	4.33
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.86	3.44	3.33	0.00	0.79	0.00	9.42
1988	Critical	0.00	0.00	0.00	0.00	0.00	1.09	1.09	2.96	5.39	0.00	0.00	1.29	11.82
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.21	0.80	3.55	2.00	0.00	1.78	0.00	8.34
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.60	1.53	2.69	5.60	0.00	0.00	1.84	12.26
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.34	2.23	3.10	0.91	0.00	0.00	6.58
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	1.22	2.51	2.51	0.00	0.00	1.55	7.79
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.92	3.32	0.00	0.00	0.00	0.00	5.24
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	1.29	2.51	5.11	0.00	0.00	0.00	8.91
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.02	0.34	0.46	0.00	0.00	0.00	1.82
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.51	3.76	0.48	0.00	0.00	0.00	5.75
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.69	3.91	1.33	0.00	0.00	0.00	6.93
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.75	3.91	0.47	1.23	0.00	0.00	7.36
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.10	3.68	3.65	0.00	0.37	0.00	8.80
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.50	3.61	3.45	0.00	0.00	0.00	8.56
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.75	3.83	1.97	0.00	0.00	0.00	7.55
	Average	0.00	0.02	0.00	0.00	0.00	0.06	1.07	2.68	2.24	0.38	0.28	0.16	6.88
	Wet	0.00	0.03	0.00	0.00	0.00	0.00	0.81	2.05	0.67	0.00	0.00	0.17	3.71
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.01	1.20	2.68	1.13	0.28	0.00	0.12	5.41
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.17	3.01	2.27	0.02	0.36	0.00	6.83
	Dry	0.00	0.04	0.00	0.00	0.00	0.09	1.32	3.44	3.74	0.22	0.34	0.00	9.18
	Critical	0.00	0.00	0.00	0.00	0.00	0.24	1.02	2.50	4.47	1.96	1.02	0.62	11.83

Energy generated (GWh) at O'Neill: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.05	2.81	0.00	0.00	0.00	0.00	2.86
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.26	3.79	0.14	0.00	0.00	0.00	5.19
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.58	0.73	2.17	4.44	3.82	1.01	0.00	12.75
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.89	3.22	0.83	0.00	0.00	0.00	4.94
1926	Dry	0.00	0.00	0.00	0.00	0.00	1.21	0.74	3.33	1.70	0.00	0.21	0.00	7.19
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.78	3.89	1.31	0.00	0.00	0.00	6.98
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.42	3.83	1.87	0.00	0.00	0.00	7.12
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	1.53	2.94	4.68	1.66	0.00	0.00	10.81
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.63	2.55	3.37	0.00	1.68	0.00	8.23
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	1.04	2.23	4.36	4.15	2.60	0.00	14.38
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.10	0.89	2.40	3.90	4.00	0.00	0.00	11.29
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.74	2.15	3.87	3.58	0.00	0.00	10.34
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.10	1.08	2.30	4.32	4.26	2.69	0.00	14.75
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.13	3.49	0.50	0.00	2.88	0.00	8.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.19	2.37	1.38	0.00	0.49	0.00	4.43
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00	0.25	1.62	0.00	5.87
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.16	0.00	0.00	0.00	0.00	1.92	3.40	5.90	0.00	0.00	0.00	11.38
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.81	1.46	0.00	0.00	0.00	6.27
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.88	2.62	0.00	0.00	0.00	0.00	3.50
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.45	2.89	0.00	0.00	0.00	0.00	4.34
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.71	0.00	0.00	0.00	0.00	1.71
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.29	3.42	2.81	0.00	0.85	0.00	8.37
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.75	4.06	3.38	0.00	0.00	0.00	9.19
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.90	4.05	3.37	0.00	0.00	0.00	9.32
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.08	1.12	3.81	3.61	0.00	0.00	0.00	8.62
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.43	3.36	1.05	0.00	0.00	0.00	5.84
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.62	4.07	3.89	0.00	0.00	0.00	9.58
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.50	3.62	0.19	0.00	0.00	0.00	5.31
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.92	4.09	1.92	0.86	0.00	0.00	8.79
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.04
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.42	3.68	2.98	0.00	0.00	0.00	8.08
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.52	3.69	1.57	1.31	0.00	0.00	8.09
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.44	3.79	5.93	0.00	0.00	0.00	11.16
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.06	3.50	0.00	0.00	0.00	0.00	4.56
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.14	1.34	3.38	3.04	0.00	0.00	0.00	7.90
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.00	0.00	0.00	0.00	0.73
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.90	3.43	3.40	0.00	0.00	0.00	7.73
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.98	2.69	3.74	0.00	0.64	0.00	9.05
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	2.11	3.78	6.31	0.00	0.00	0.00	12.20
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.43	3.79	3.59	0.00	0.00	0.00	8.81
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.74	3.81	0.52	0.00	0.00	0.00	6.07
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	2.09	3.78	5.65	0.00	0.00	0.00	11.52
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.16	4.33	1.93	0.00	0.00	0.00	7.42
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.55	3.82	3.70	0.00	0.00	0.00	9.07
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.61	3.44	3.44	0.00	0.00	0.00	8.49
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.73	0.00	0.00	0.00	0.00	1.63	4.11	3.71	0.00	0.00	0.00	10.18
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.32	3.58	1.38	0.00	0.00	0.00	6.28
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.52	3.70	3.62	0.00	0.00	0.00	8.84
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.78	3.98	1.47	0.00	0.00	0.00	7.23
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.31	3.83	0.00	0.00	0.00	0.00	5.14
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.81	4.10	0.00	0.00	0.00	0.00	5.91
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.67	3.20	5.51	1.02	4.40	1.79	16.59
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.55	1.01	2.18	4.73	4.07	0.00	0.90	13.44
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.23
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.67	2.97	3.26	0.00	0.00	0.00	7.90
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.26	0.00	0.00	0.00	0.00	1.26
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.81	3.44	3.56	0.00	0.00	0.00	7.81
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.85	4.10	3.31	0.00	0.00	0.00	9.26
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.92	3.62	3.72	0.00	0.00	0.00	8.26
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.33	4.33
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.86	3.44	3.32	0.00	0.89	0.00	9.51
1988	Critical	0.00	0.00	0.00	0.00	0.00	1.08	1.08	2.95	5.38	0.00	0.00	1.26	11.75
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.21	0.80	3.55	2.00	0.00	1.74	0.00	8.30
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.60	1.53	2.69	5.60	0.00	0.00	1.84	12.26
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.34	2.23	3.10	0.98	0.00	0.00	6.65
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	1.22	2.51	2.51	0.00	0.00	1.55	7.79
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.91	3.32	0.00	0.00	0.00	0.00	5.23
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	1.29	2.51	5.11	0.00	0.00	0.00	8.91
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.02	1.29	0.76	0.00	0.00	0.00	3.07
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	2.15	3.73	0.34	1.00	0.00	0.00	7.22
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.70	3.92	1.35	0.00	0.00	0.00	6.97
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.75	3.91	0.47	1.22	0.00	0.00	7.35
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.10	3.68	3.66	0.00	0.50	0.00	8.94
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.50	3.61	3.45	0.00	0.00	0.00	8.56
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.75	3.83	1.96	0.00	0.00	0.00	7.54
	Average	0.00	0.01	0.00	0.00	0.00	0.06	1.10	2.82	2.28	0.39	0.27	0.14	7.09
	Wet	0.00	0.03	0.00	0.00	0.00	0.00	0.86	2.15	0.68	0.04	0.00	0.17	3.92
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.01	1.20	3.18	1.15	0.28	0.00	0.00	5.82
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.27	3.28	2.50	0.02	0.36	0.00	7.43
	Dry	0.00	0.01	0.00	0.00	0.00	0.09	1.32	3.42	3.74	0.22	0.36	0.00	9.16
	Critical	0.00	0.00	0.00	0.00	0.00	0.24	1.02	2.51	4.47	1.96	0.89	0.61	11.70

Difference in Energy generated (GWh) at O'Neill: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	2.26	0.00	0.00	0.00	0.00	0.19
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.02	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.02	0.04	(1.57)	0.00	(0.12)
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.10)	0.15	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.02	0.02	(0.01)	0.07	0.00	(0.20)	0.00	(0.01)
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	0.26	0.00	0.00	0.00	0.02
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.01	0.00	0.00	0.00	0.00	0.01
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.01	0.00	0.02
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.19	2.19	0.00	0.00	0.00	0.00	0.20
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.12	0.03	0.00	0.00	0.26
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	(0.57)	0.00	0.00	0.00	0.00	(0.04)	(0.22)	(0.10)	0.00	0.00	0.00	(0.08)
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.04	1.33	0.06	0.00	0.00	0.00	0.12
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.18	0.00	0.00	0.00	0.00	0.01
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.89	0.00	0.00	0.00	0.00	0.07
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.02)	0.00	0.16	0.00	0.01
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.04)	(0.05)	0.00	0.00	0.00	(0.01)
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.03)	(0.03)	0.00	0.00	0.00	(0.01)
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.04)	(0.05)	0.00	0.00	0.00	(0.01)
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.00	0.00	0.00	0.00	0.05
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.64	(0.01)	(0.01)	0.00	0.00	0.00	0.05
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.03
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.07)	(0.09)	0.00	0.00	0.00	(0.02)
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.63	(0.02)	(0.03)	0.00	0.00	0.00	0.05
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.19	0.19	0.00	0.00	(0.32)	0.17
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.19	0.00	0.00	0.00	0.00	0.08
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.02)	(0.01)	(0.01)
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.02
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.64	0.00	0.00	0.00	0.00	0.14
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	(1.10)	(0.09)
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.04)	(0.04)	0.00	0.00	0.00	(0.01)
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.10	0.00	0.01
1988	Critical	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00	(0.03)	(0.01)
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.01
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.95	0.30	0.00	0.00	0.00	0.10
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.64	(0.03)	(0.14)	1.00	0.00	0.00	0.12
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.13	0.00	0.01
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
	Average	0.00	(0.01)	0.00	0.00	0.00	0.00	0.03	0.15	0.05	0.01	(0.01)	(0.02)	0.02
	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.10	0.01	0.04	0.00	0.00	0.02
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.50	0.02	0.00	0.00	(0.12)	0.04
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.26	0.23	0.00	0.00	0.00	0.05
	Dry	0.00	(0.03)	0.00	0.00	0.00	0.00	(0.00)	(0.02)	0.01	0.00	0.03	0.00	(0.00)
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.13)	(0.00)	(0.01)

Percent Difference in Energy generated (GWh) at O'Neill: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	-17%	411%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	-1%	0%	17%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	2%	1%	1%	0%	1%	-61%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	-3%	-3%	22%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	2%	3%	0%	4%	0%	-49%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	-1%	-1%	25%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%	1%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	117%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	-	>1,000%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	355%	14%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	-78%	0%	0%	0%	0%	-2%	-6%	-2%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	4%	54%	4%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	-2%	7%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	109%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	23%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	-2%	-1%	-1%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	1%	2%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	306%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	246%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	-1%	0%	-2%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	-2%	-2%	-4%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	68%	-1%	-1%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	122%	15%	0%	0%	-100%
1974	Wet	0%	0%	0%	0%	0%	0%	134%	5%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-8%	0%	-1%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	-	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	123%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	-100%
1981	Dry	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	13%	0%
1988	Critical	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	-2%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	279%	65%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	42%	-1%	-29%	-	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	1%	0%	2%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	35%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
	Average	0%	-1%	0%	0%	0%	0%	6%	17%	7%	0%	1%	-2%
	Wet	0%	0%	0%	0%	0%	0%	7%	27%	2%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	-1%	49%	2%	0%	0%	-17%
	Below Normal	0%	0%	0%	0%	0%	0%	22%	9%	35%	1%	0%	0%
	Dry	0%	-4%	0%	0%	0%	0%	0%	-1%	1%	0%	7%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-5%	0%

Energy generated (GWh) at Shasta Dam: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	90.88	134.36	80.38	63.91	86.29	111.83	104.05	218.19	329.03	306.94	253.54	174.87	1,954.27
1923	Below Normal	117.92	151.23	81.10	76.52	73.07	88.21	76.26	278.67	264.29	265.94	203.62	90.07	1,766.90
1924	Critical	116.02	119.15	106.95	15.96	64.67	97.33	172.83	181.67	205.42	197.77	143.80	91.58	1,513.15
1925	Dry	66.16	48.57	51.46	0.00	32.42	68.07	62.46	139.71	223.81	266.98	218.35	110.61	1,288.60
1926	Dry	124.35	94.38	82.05	75.30	38.11	79.02	75.34	162.73	272.63	304.48	200.32	94.76	1,603.47
1927	Wet	94.28	62.25	84.78	93.72	421.98	89.35	241.45	238.93	285.41	298.20	237.17	282.24	2,429.76
1928	Above Normal	110.35	137.64	89.09	93.63	51.12	297.71	80.42	188.42	319.94	372.68	220.87	203.61	2,165.48
1929	Critical	118.45	124.93	72.33	0.00	67.85	78.89	145.68	161.24	197.74	226.97	220.55	84.51	1,499.14
1930	Dry	98.46	81.46	52.43	68.91	54.37	70.21	125.63	147.38	226.37	235.83	158.53	81.00	1,400.58
1931	Critical	95.66	77.97	72.57	66.14	61.37	67.97	195.59	160.40	168.92	185.27	104.53	47.60	1,303.99
1932	Dry	48.92	43.33	54.55	55.72	50.91	53.08	104.19	91.52	145.68	132.54	123.07	73.67	977.18
1933	Critical	72.06	59.14	56.75	59.09	51.81	62.33	111.85	115.43	145.77	141.95	184.76	95.59	1,156.53
1934	Critical	49.95	47.62	53.22	51.63	50.57	62.25	114.83	122.96	155.55	175.73	56.51	42.27	983.09
1935	Below Normal	39.81	55.19	52.04	55.13	51.35	63.45	53.93	97.58	221.93	229.11	197.08	91.55	1,208.15
1936	Below Normal	90.26	79.44	72.12	45.65	59.74	102.68	116.28	167.33	218.55	290.09	201.49	104.75	1,548.38
1937	Below Normal	116.98	103.29	76.51	71.09	64.47	74.83	66.59	118.63	208.98	238.65	195.12	88.47	1,423.61
1938	Wet	85.71	68.62	361.83	90.78	429.27	466.35	269.61	206.23	254.33	307.09	240.66	270.90	3,051.38
1939	Dry	113.93	147.28	98.31	86.81	99.92	81.55	215.76	180.21	216.87	283.54	210.18	76.40	1,810.76
1940	Above Normal	83.53	99.41	73.46	51.40	416.03	461.13	87.53	177.46	278.37	333.16	225.75	107.50	2,394.73
1941	Wet	116.83	102.45	156.25	456.91	417.63	292.02	309.94	301.07	251.83	268.75	299.16	298.99	3,271.83
1942	Wet	133.64	203.97	248.52	428.62	420.80	114.40	96.57	275.62	234.37	274.83	287.42	298.95	3,017.71
1943	Wet	130.72	224.99	73.36	193.59	175.57	298.70	133.61	213.02	273.49	337.55	235.34	287.43	2,577.37
1944	Dry	114.58	197.22	91.37	93.12	62.21	52.02	164.74	145.37	183.04	242.30	171.50	69.71	1,587.18
1945	Below Normal	104.79	92.10	73.62	80.02	80.41	112.93	142.11	164.05	246.27	290.53	221.26	128.62	1,736.71
1946	Below Normal	128.56	85.18	451.25	174.43	100.67	117.79	186.50	212.20	277.37	298.10	220.11	104.25	2,356.41
1947	Dry	126.50	96.65	89.10	92.81	68.27	76.72	150.16	235.82	230.82	308.29	203.51	106.82	1,785.47
1948	Below Normal	88.82	86.01	90.48	66.69	72.57	77.09	66.77	264.86	243.01	321.19	235.34	174.30	1,787.13
1949	Dry	161.99	108.51	100.20	96.70	70.04	185.47	136.27	184.39	275.91	284.45	207.12	87.00	1,898.05
1950	Below Normal	133.62	104.60	101.79	95.26	93.60	113.68	114.21	173.14	225.33	241.37	187.93	73.93	1,658.46
1951	Above Normal	158.21	218.73	358.80	177.24	340.73	106.18	168.75	148.79	298.67	350.89	217.94	111.04	2,655.97
1952	Wet	103.34	157.19	246.02	197.94	409.67	271.56	443.73	243.76	205.50	263.46	283.20	213.18	3,038.55
1953	Wet	165.78	198.88	100.92	458.89	74.45	64.20	131.84	274.11	255.78	303.75	252.54	297.32	2,578.46
1954	Above Normal	93.70	213.45	76.29	252.21	393.61	217.93	257.70	205.84	271.93	357.08	240.71	187.74	2,768.19
1955	Dry	122.96	136.18	91.00	62.71	72.77	84.96	152.86	153.08	230.90	322.00	204.14	87.91	1,721.47
1956	Wet	99.97	78.86	440.27	451.32	426.19	85.05	84.24	297.11	253.90	251.18	234.51	265.09	2,967.69
1957	Above Normal	141.45	247.45	96.97	95.92	49.62	224.09	151.47	235.22	273.26	356.52	220.24	146.63	2,238.84
1958	Wet	137.27	163.36	210.81	284.83	449.73	492.85	263.32	178.92	248.63	294.42	302.73	226.49	3,253.36
1959	Below Normal	170.41	240.25	93.87	105.54	298.39	67.90	215.10	218.87	304.06	307.92	218.78	44.89	2,285.98
1960	Dry	132.38	102.31	100.03	76.91	62.42	85.85	170.21	133.67	319.27	342.83	192.81	117.45	1,836.14
1961	Dry	120.57	90.64	135.27	78.75	214.78	150.73	157.54	193.37	280.90	352.87	245.71	110.57	2,131.70
1962	Below Normal	136.52	129.11	93.03	98.58	309.24	101.74	165.83	209.26	265.79	304.08	207.69	89.73	2,110.60
1963	Wet	167.27	125.38	218.09	111.67	178.74	160.22	493.08	142.87	255.55	343.63	219.58	222.14	2,638.22
1964	Dry	102.15	129.84	106.42	88.68	52.77	86.15	241.85	197.68	231.73	254.44	189.05	90.35	1,771.11
1965	Wet	94.65	85.36	390.38	458.56	98.45	118.48	159.96	190.40	267.55	309.13	198.82	271.57	2,643.31
1966	Below Normal	119.32	168.77	88.85	96.80	80.75	280.45	165.89	221.36	340.19	348.83	198.91	106.60	2,216.72
1967	Wet	133.61	85.13	256.84	212.22	163.85	380.52	241.79	377.00	251.65	282.02	286.99	238.75	2,910.37
1968	Below Normal	143.27	161.89	90.59	95.85	309.13	65.26	179.69	196.65	278.28	324.63	163.67	89.28	2,098.19
1969	Wet	101.44	81.26	100.86	458.74	420.87	134.76	296.70	302.18	266.02	280.13	237.47	264.61	2,945.04
1970	Wet	91.18	127.71	325.73	452.63	280.64	91.22	176.44	194.11	256.07	324.15	195.17	225.51	2,740.56
1971	Wet	146.84	102.63	128.76	341.20	93.59	432.15	142.70	232.35	248.83	325.40	212.63	243.65	2,650.73
1972	Below Normal	159.63	196.60	90.14	86.66	85.97	227.95	197.03	189.60	315.41	348.40	196.73	75.93	2,170.05
1973	Above Normal	120.36	123.20	168.25	340.21	396.25	157.55	107.08	174.06	304.82	344.94	178.81	108.17	2,523.70
1974	Wet	111.61	436.21	455.53	450.57	107.10	470.55	133.80	171.33	258.96	226.38	301.76	231.93	3,355.73
1975	Wet	167.27	258.42	94.01	95.93	82.68	486.64	100.77	252.11	282.03	242.92	259.31	248.13	2,570.22
1976	Critical	175.51	209.66	85.71	7.52	126.19	84.09	141.01	172.49	240.98	269.59	87.61	44.44	1,644.80
1977	Critical	146.31	114.42	106.23	97.03	133.26	102.93	213.64	122.59	252.26	209.67	78.93	57.58	1,634.85
1978	Above Normal	57.05	59.32	54.26	1.67	155.15	337.67	153.13	246.64	297.20	283.91	221.69	111.12	1,978.81
1979	Below Normal	164.07	155.79	99.91	107.79	65.45	72.36	84.72	145.91	275.93	265.77	157.76	94.91	1,690.37
1980	Above Normal	105.75	134.95	99.11	438.61	432.31	98.60	117.07	185.22	261.08	272.77	214.20	81.21	2,440.88
1981	Dry	113.10	187.21	89.00	82.35	59.33	69.04	96.13	223.12	362.53	312.93	160.43	90.73	1,845.90
1982	Wet	71.32	166.99	454.80	163.02	428.87	285.09	485.60	111.52	216.40	241.64	255.15	215.24	3,095.64
1983	Wet	177.28	142.77	304.24	438.92	410.42	463.76	311.21	237.84	303.56	307.94	310.30	238.23	3,646.47
1984	Wet	181.28	262.10	454.42	135.49	99.71	248.56	146.72	206.44	281.82	352.79	190.61	256.88	2,816.82
1985	Dry	75.67	147.24	136.27	69.63	73.08	85.63	154.52	235.33	273.21	238.19	178.40	91.45	1,758.62
1986	Wet	107.32	113.85	89.76	81.28	400.38	464.69	53.15	210.74	289.07	260.52	210.17	83.55	2,364.48
1987	Dry	95.39	138.43	102.41	79.80	62.94	67.41	184.69	228.01	297.63	282.14	157.19	86.47	1,782.51
1988	Critical	130.28	89.51	63.88	74.76	120.72	82.83	127.29	144.73	257.63	262.52	203.51	75.79	1,633.45
1989	Dry	107.21	54.78	70.98	42.83	63.21	45.68	82.10	234.05	224.45	296.77	170.30	59.37	1,451.73
1990	Critical	79.03	83.00	92.08	70.25	69.69	80.40	169.31	123.43	200.95	288.71	203.47	61.45	1,521.77
1991	Critical	97.26	83.77	70.47	105.74	62.79	65.63	72.22	142.44	175.36	181.26	117.07	70.01	1,244.02
1992	Critical	97.37	100.71	62.50	62.71	37.77	50.56	74.81	227.35	277.17	252.78	176.22	26.55	1,446.50
1993	Above Normal	76.62	46.33	54.05	48.21	40.21	56.69	109.87	123.13	256.83	339.42	193.39	209.65	1,554.40
1994	Critical	156.44	160.74	98.30	76.35	66.81	82.44	200.58	171.60	255.15	277.20	220.51	61.04	1,827.16
1995	Wet	95.58	88.64	66.13	181.06	147.78	471.66	183.51	325.99	240.20	288.06	291.40	213.35	2,593.36
1996	Wet	161.13	183.68	57.33	83.38	443.86	229.50	109.56	299.48	248.49	278.36	209.22	261.91	2,565.90
1997	Wet	170.78	201.93	443.95	450.36	93.36	118.33	169.50	241.71	252.91	303.13	160.02	244.81	2,850.79
1998	Wet	137.99	182.85	90.33	206.66	408.83	428.22	69.14	410.54	434.91	332.10	318.23	242.76	3,262.56
1999	Wet	189.28	227.52	250.02	176.36	430.83	286.36	103.39	254.12	263.31	306.74	213.58	267.76	2,969.27
2000	Above Normal	132.34	262.26	95.99	66.27	433.78	166.95	75.91	214.59	294.28	357.34	222.30	160.13	2,482.14
2001	Dry	141.35	204.07	100.65	84.73	51.71	60.24	136.62	237.16	335.79	289.68	145.25	79.27	1,866.52
2002	Dry	132.83	79.42	73.14	210.50	71.24	83.74	178.47	226.05	291.48	273.67	182.51	100.37	1,903.42
2003	Above Normal	127.93	109.31	249.81	346.36	68.47	79.04	258.44	355.00	266.56	362.73	193.30	142.73	2,559.68
	Average	118.52	135.21	142.94	152.68	174.36	167.44	160.77	203.84	258.22	285.50	206.92	144.94	2,151.33
	Wet	129.75	158.96	234.77	275.18	289.05	286.35	205.82	245.75	264.64	292.47	247.81	246.59	2,877.14
	Above Normal	108.18	148.87	124.71	164.64	238.63	192.95	139.29	206.05	287.66	336.53	216.90	145.37	2,309.76
	Below Normal	122.43	129.25	111.09	89.72	124.63	111.88	130.78	189.87	263.24	291.04	200.39	96.95	1,861.26
	Dry	111.03	115.97	90.26	80.35	70.03	82.53	143.86	186.04	256.83	279.11	184.35	89.66	1,690.02
	Critical	111.20	105.89	78.42	57.27	76.13	76.47	144.97	153.86	211.08	222.45	149.79	63.20	1,450.70

Energy generated (GWh) at Shasta Dam: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	90.88	134.36	80.38	63.91	86.29	111.83	104.05	218.19	329.03	306.94	253.54	174.88	1,954.28
1923	Below Normal	121.74	167.19	80.70	76.17	70.33	87.89	76.00	264.34	250.58	265.50	194.38	78.85	1,733.67
1924	Critical	105.13	109.45	97.25	42.86	65.40	98.59	184.96	183.69	210.12	202.96	158.46	82.22	1,541.09
1925	Dry	66.96	49.27	52.11	0.00	32.64	68.40	62.72	140.33	224.83	262.20	219.54	116.77	1,295.77
1926	Dry	125.10	94.89	82.47	75.68	38.28	79.32	75.60	164.02	278.62	305.87	199.91	95.41	1,615.17
1927	Wet	94.70	62.48	85.06	97.72	422.50	89.35	241.45	238.93	285.39	298.21	238.23	281.77	2,435.79
1928	Above Normal	110.31	137.81	89.07	93.61	51.12	296.88	80.42	188.75	320.10	369.80	221.60	204.26	2,163.73
1929	Critical	118.57	125.25	72.34	0.00	64.63	78.96	145.79	161.41	197.95	227.20	220.86	84.65	1,497.61
1930	Dry	98.54	81.52	50.73	69.05	54.47	70.32	125.85	147.67	226.83	237.68	159.75	78.68	1,401.09
1931	Critical	95.84	78.12	72.71	66.28	61.50	68.10	195.91	160.79	169.32	186.10	107.23	47.71	1,309.61
1932	Dry	49.05	43.94	54.63	55.79	50.97	53.12	104.26	91.41	145.58	132.65	123.26	73.76	978.42
1933	Critical	72.19	59.17	56.83	59.17	51.88	62.40	111.93	115.51	145.75	142.09	184.99	95.73	1,157.64
1934	Critical	51.21	47.62	51.54	51.75	50.66	62.33	114.95	123.57	155.65	176.94	57.05	42.32	985.59
1935	Below Normal	39.81	55.19	52.04	55.13	51.35	63.45	53.93	97.56	221.93	229.13	197.08	91.51	1,208.11
1936	Below Normal	90.23	79.40	72.12	45.65	59.74	102.69	116.24	167.29	218.52	290.97	201.47	104.68	1,549.00
1937	Below Normal	116.91	103.22	76.50	71.08	64.46	74.82	66.58	118.54	208.87	238.20	195.04	88.45	1,422.67
1938	Wet	85.72	68.63	362.17	90.78	429.27	466.35	269.61	206.23	254.30	307.05	240.63	267.73	3,048.47
1939	Dry	112.84	162.96	93.98	86.67	99.69	81.43	214.34	179.37	214.32	283.32	203.11	80.35	1,812.38
1940	Above Normal	90.38	99.37	73.27	51.29	415.51	461.13	87.53	177.54	278.50	333.14	225.83	117.62	2,411.11
1941	Wet	117.08	102.74	144.02	456.91	417.63	292.02	309.94	301.07	251.81	268.77	299.16	298.98	3,260.13
1942	Wet	132.97	204.55	248.64	428.62	420.80	114.40	96.57	275.62	234.36	274.82	287.45	298.92	3,017.72
1943	Wet	130.74	224.67	73.36	193.95	175.57	298.70	133.61	213.02	273.30	336.61	235.19	290.11	2,578.83
1944	Dry	114.59	206.01	91.08	92.82	62.03	48.79	164.29	144.92	182.27	240.38	170.02	69.46	1,586.66
1945	Below Normal	104.65	91.99	73.54	79.94	80.34	112.85	129.23	149.79	233.46	291.67	210.62	118.89	1,676.97
1946	Below Normal	119.48	110.53	454.38	174.43	100.67	117.79	186.09	211.88	277.06	297.95	219.91	104.16	2,374.33
1947	Dry	126.49	96.68	89.14	92.85	68.29	76.75	150.26	235.98	231.27	308.41	203.70	107.77	1,787.59
1948	Below Normal	88.87	86.01	90.47	66.69	72.56	77.09	66.77	264.73	243.01	321.34	235.33	174.15	1,787.02
1949	Dry	161.88	108.49	100.20	96.70	70.04	185.62	136.27	184.40	275.92	284.46	207.13	87.00	1,898.11
1950	Below Normal	133.62	104.62	101.79	95.26	93.60	113.68	114.21	173.12	225.31	242.20	187.93	73.89	1,659.23
1951	Above Normal	157.36	218.73	358.80	177.24	340.73	106.18	168.75	148.79	298.67	350.89	217.94	111.04	2,655.12
1952	Wet	103.33	157.16	246.06	197.94	409.67	271.56	443.73	243.76	205.49	263.47	283.20	213.18	3,038.55
1953	Wet	166.36	226.39	74.20	458.68	74.45	64.20	131.83	274.12	255.78	303.75	252.54	297.31	2,579.61
1954	Above Normal	93.71	210.77	76.34	255.09	393.61	217.93	257.70	205.84	271.93	357.08	240.72	187.74	2,768.46
1955	Dry	122.73	136.80	90.99	62.57	72.76	84.96	152.85	153.04	230.85	321.92	203.90	86.68	1,720.05
1956	Wet	99.93	78.89	440.38	451.32	426.19	85.05	84.24	297.11	253.89	251.17	234.53	265.06	2,967.76
1957	Above Normal	141.47	247.45	96.98	95.92	49.62	224.09	151.47	235.22	273.26	356.52	220.24	146.64	2,238.88
1958	Wet	137.27	163.36	210.81	284.83	449.73	492.85	263.32	178.92	248.63	294.42	302.73	226.49	3,253.36
1959	Below Normal	170.41	242.00	93.83	103.66	298.39	67.90	215.05	218.97	304.09	307.91	218.89	44.91	2,286.01
1960	Dry	132.24	102.35	100.02	76.91	62.42	85.85	170.19	133.67	319.27	342.81	192.81	117.50	1,836.04
1961	Dry	120.54	90.64	135.16	78.75	214.78	150.73	157.54	193.36	280.89	352.87	245.70	110.54	2,131.50
1962	Below Normal	136.52	129.12	93.03	98.56	309.34	101.74	165.82	209.25	265.78	304.08	207.69	89.72	2,110.65
1963	Wet	167.33	125.38	218.09	111.67	178.74	160.22	493.08	142.87	255.54	343.64	219.58	221.34	2,637.48
1964	Dry	102.58	130.24	106.04	88.82	52.76	86.15	241.89	197.72	231.78	254.48	189.11	90.37	1,771.94
1965	Wet	94.65	85.36	390.42	458.56	98.45	118.48	159.96	189.97	267.05	308.82	198.51	271.53	2,641.76
1966	Below Normal	119.70	165.55	88.95	96.90	80.82	285.67	165.89	221.58	340.41	348.80	199.05	105.25	2,218.57
1967	Wet	133.12	85.16	258.22	212.22	163.85	380.52	241.79	377.00	251.65	282.02	286.99	241.65	2,914.19
1968	Below Normal	140.30	204.67	89.66	94.91	263.20	65.26	179.81	196.67	278.28	324.62	163.66	89.27	2,090.31
1969	Wet	101.39	81.26	100.86	458.74	420.87	134.76	296.70	302.18	266.02	280.57	237.47	264.17	2,944.99
1970	Wet	90.05	127.99	326.65	452.63	280.64	91.22	176.44	194.11	256.25	324.07	195.16	225.50	2,740.71
1971	Wet	147.35	101.74	129.02	341.20	93.59	432.15	142.69	232.36	248.82	325.39	212.65	243.64	2,650.60
1972	Below Normal	159.70	196.51	90.14	86.66	85.97	227.98	197.04	189.61	315.41	348.40	196.74	75.94	2,170.10
1973	Above Normal	120.32	123.20	168.25	340.21	396.25	157.55	107.08	174.06	304.83	344.92	178.81	128.85	2,544.33
1974	Wet	95.39	435.87	455.53	450.57	107.10	470.55	133.80	171.33	258.97	226.37	301.76	231.93	3,339.17
1975	Wet	167.27	255.94	94.07	95.99	82.72	486.80	100.77	252.11	282.03	242.92	259.31	248.15	2,568.08
1976	Critical	175.50	210.27	85.70	7.52	126.19	84.07	140.99	172.45	240.35	271.36	86.67	44.45	1,645.52
1977	Critical	145.29	114.66	106.12	97.13	133.20	102.92	213.64	122.46	252.12	209.64	79.19	57.58	1,633.95
1978	Above Normal	57.05	59.29	54.26	1.67	155.19	337.67	153.13	246.64	297.18	283.93	221.67	111.13	1,978.81
1979	Below Normal	164.08	182.28	97.25	103.52	67.38	72.03	84.37	140.25	273.72	259.40	156.06	100.96	1,701.30
1980	Above Normal	97.80	125.42	99.11	438.61	432.31	98.60	119.73	184.88	260.64	272.27	200.64	114.42	2,444.43
1981	Dry	114.88	147.19	89.39	82.69	59.55	69.26	96.51	223.83	363.68	317.89	164.37	89.40	1,818.64
1982	Wet	71.54	178.07	454.80	163.02	428.87	285.09	485.60	111.51	216.39	241.63	255.18	215.24	3,106.94
1983	Wet	177.28	142.77	304.24	438.92	410.42	463.76	311.21	237.84	303.56	307.94	310.30	238.23	3,646.47
1984	Wet	181.28	262.10	454.42	135.49	99.71	248.56	146.71	206.43	281.82	352.79	190.61	256.88	2,816.80
1985	Dry	75.67	147.25	136.27	69.63	73.08	85.63	154.51	235.33	273.21	238.19	178.40	91.45	1,758.62
1986	Wet	107.32	113.83	89.76	81.28	400.39	464.69	53.15	210.73	289.07	260.51	210.17	82.09	2,362.99
1987	Dry	95.34	147.50	102.19	79.63	62.81	67.30	184.36	227.37	289.54	282.17	158.37	87.30	1,783.88
1988	Critical	131.49	89.43	63.81	74.69	119.33	82.69	128.01	144.61	257.40	261.34	203.21	75.73	1,631.74
1989	Dry	107.18	54.75	70.94	43.15	63.17	45.65	82.07	233.88	224.36	296.56	170.21	59.25	1,451.17
1990	Critical	78.99	82.96	92.05	70.22	69.67	80.38	169.26	123.40	200.91	288.64	203.44	61.43	1,521.35
1991	Critical	97.25	83.77	70.43	105.76	62.75	65.59	72.18	142.36	175.25	179.94	117.05	69.99	1,242.32
1992	Critical	97.40	100.79	62.48	62.70	37.76	50.56	74.82	227.52	277.30	252.57	176.14	25.96	1,446.00
1993	Above Normal	76.62	46.33	54.05	48.21	40.21	56.69	109.87	123.13	256.83	339.37	193.45	209.64	1,554.40
1994	Critical	156.45	160.36	98.31	76.35	66.81	82.43	200.63	171.87	255.45	277.12	220.51	61.10	1,827.39
1995	Wet	95.61	88.66	66.12	180.75	147.78	471.66	183.51	325.99	240.20	288.06	291.40	213.35	2,593.09
1996	Wet	161.13	212.49	53.40	78.46	442.43	229.50	109.56	299.48	248.52	278.34	209.21	261.90	2,584.42
1997	Wet	171.01	202.86	443.86	450.36	93.36	118.33	169.39	241.56	252.76	297.32	159.89	248.74	2,849.44
1998	Wet	141.83	167.94	87.48	226.22	408.83	428.22	69.14	410.54	434.91	332.10	318.23	242.76	3,268.20
1999	Wet	189.28	227.52	250.02	176.36	430.83	286.36	103.39	254.12	263.32	306.74	213.59	267.76	2,969.29
2000	Above Normal	134.04	261.29	96.20	65.17	433.78	166.95	75.91	214.59	294.30	357.34	222.28	160.14	2,481.99
2001	Dry	141.25	204.04	101.65	84.72	51.70	60.23	136.61	237.08	335.77	289.62	144.13	79.28	1,866.08
2002	Dry	132.86	79.43	73.14	210.77	71.24	83.74	178.50	226.07	291.50	273.67	182.52	100.39	1,903.83
2003	Above Normal	129.95	109.38	247.43	346.36	68.47	79.04	258.44	355.00	266.57	362.55	193.32	142.87	2,559.38
	Average	118.21	136.85	142.19	153.18	173.73	167.48	160.78	203.47	257.88	285.41	206.69	145.54	2,151.40
	Wet	129.27	160.92	233.14	275.89	289.02	286.36	205.82	245.73	264.61	292.21	247.83	246.71	2,877.49
	Above Normal	108.32	147.78	124.51	164.77	238.59	192.88	139.51	206.05	287.65	336.23	215.84	150.77	2,312.91
	Below Normal	121.86	137.02	111.03	89.18	121.30	112.20	129.79	187.40	261.17	290.73	198.85	95.76	1,856.28
	Dry	111.15	115.78	90.01	80.40	70.04	82.40	143.81	186.08	256.69	279.18	184.22	90.08	1,689.83
	Critical	110.44	105.15	77.46	59.54	75.82	76.59	146.09	154.14	211.46	222.99	151.23	62.41	1,453.32

Difference in Energy generated (GWh) at Shasta Dam: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1923	Below Normal	3.82	15.96	(0.40)	(0.35)	(2.74)	(0.32)	(0.26)	(14.33)	(13.71)	(0.44)	(9.24)	(11.22)	(2.77)
1924	Critical	(10.89)	(9.70)	(9.70)	26.90	0.73	1.26	12.13	2.02	4.70	5.19	14.66	(9.36)	2.33
1925	Dry	0.80	0.70	0.65	0.00	0.22	0.33	0.26	0.62	1.02	(4.78)	1.19	6.16	0.60
1926	Dry	0.75	0.51	0.42	0.38	0.17	0.30	0.26	1.29	5.99	1.39	(0.41)	0.65	0.98
1927	Wet	0.42	0.23	0.28	4.00	0.52	0.00	0.00	0.00	(0.02)	0.01	1.06	(0.47)	0.50
1928	Above Normal	(0.04)	0.17	(0.02)	(0.02)	0.00	(0.83)	0.00	0.33	0.16	(2.88)	0.73	0.65	(0.15)
1929	Critical	0.12	0.32	0.01	0.00	(3.22)	0.07	0.11	0.17	0.21	0.23	0.31	0.14	(0.13)
1930	Dry	0.08	0.06	(1.70)	0.14	0.10	0.11	0.22	0.29	0.46	1.85	1.22	(2.32)	0.04
1931	Critical	0.18	0.15	0.14	0.14	0.13	0.13	0.32	0.39	0.40	0.83	2.70	0.11	0.47
1932	Dry	0.13	0.61	0.08	0.07	0.06	0.04	0.07	(0.11)	(0.10)	0.11	0.19	0.09	0.10
1933	Critical	0.13	0.03	0.08	0.08	0.07	0.07	0.08	0.08	(0.02)	0.14	0.23	0.14	0.09
1934	Critical	1.26	0.00	(1.68)	0.12	0.09	0.08	0.12	0.61	0.10	1.21	0.54	0.05	0.21
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.02	0.00	(0.04)	0.00
1936	Below Normal	(0.03)	(0.04)	0.00	0.00	0.00	0.01	(0.04)	(0.04)	(0.03)	0.88	(0.02)	(0.07)	0.05
1937	Below Normal	(0.07)	(0.07)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.09)	(0.11)	(0.45)	(0.08)	(0.02)	(0.08)
1938	Wet	0.01	0.01	0.34	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.04)	(0.03)	(3.17)	(0.24)
1939	Dry	(1.09)	15.68	(4.33)	(0.14)	(0.23)	(0.12)	(1.42)	(0.84)	(2.55)	(0.22)	(7.07)	3.95	0.13
1940	Above Normal	6.85	(0.04)	(0.19)	(0.11)	(0.52)	0.00	0.00	0.08	0.13	(0.02)	0.08	10.12	1.37
1941	Wet	0.25	0.29	(12.23)	0.00	0.00	0.00	0.00	0.00	(0.02)	0.02	0.00	(0.01)	(0.98)
1942	Wet	(0.67)	0.58	0.12	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.03	(0.03)	0.00
1943	Wet	0.02	(0.32)	0.00	0.36	0.00	0.00	0.00	0.00	(0.19)	(0.94)	(0.15)	2.68	0.12
1944	Dry	0.01	8.79	(0.29)	(0.30)	(0.18)	(3.23)	(0.45)	(0.45)	(0.77)	(1.92)	(1.48)	(0.25)	(0.04)
1945	Below Normal	(0.14)	(0.11)	(0.08)	(0.08)	(0.07)	(0.08)	(12.88)	(14.26)	(12.81)	1.14	(10.64)	(9.73)	(4.98)
1946	Below Normal	(9.08)	25.35	3.13	0.00	0.00	0.00	(0.41)	(0.32)	(0.31)	(0.15)	(0.20)	(0.09)	1.49
1947	Dry	(0.01)	0.03	0.04	0.04	0.02	0.03	0.10	0.16	0.45	0.12	0.19	0.95	0.18
1948	Below Normal	0.05	0.00	(0.01)	0.00	(0.01)	0.00	0.00	(0.13)	0.00	0.15	(0.01)	(0.15)	(0.01)
1949	Dry	(0.11)	(0.02)	0.00	0.00	0.00	0.15	0.00	0.01	0.01	0.01	0.01	0.00	0.00
1950	Below Normal	0.00	0.02	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.02)	0.83	0.00	(0.04)	0.06
1951	Above Normal	(0.85)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)
1952	Wet	(0.01)	(0.03)	0.04	0.00	0.00	0.00	0.00	0.00	(0.01)	0.01	0.00	0.00	0.00
1953	Wet	0.58	27.51	(26.72)	(0.21)	0.00	0.00	(0.01)	0.01	0.00	0.00	0.00	(0.01)	0.10
1954	Above Normal	0.01	(2.68)	0.05	2.88	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02
1955	Dry	(0.23)	0.62	(0.01)	(0.14)	(0.01)	0.00	(0.01)	(0.04)	(0.05)	(0.08)	(0.24)	(1.23)	(0.12)
1956	Wet	(0.04)	0.03	0.11	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.02	(0.03)	0.01
1957	Above Normal	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	1.75	(0.04)	(1.88)	0.00	0.00	(0.05)	0.10	0.03	(0.01)	0.11	0.02	0.00
1960	Dry	(0.14)	0.04	(0.01)	0.00	0.00	0.00	(0.02)	0.00	0.00	(0.02)	0.00	0.05	(0.01)
1961	Dry	(0.03)	0.00	(0.11)	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	(0.03)	(0.02)
1962	Below Normal	0.00	0.01	0.00	(0.02)	0.10	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	(0.01)	0.00
1963	Wet	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.01	0.00	(0.80)	(0.06)
1964	Dry	0.43	0.40	(0.38)	0.14	(0.01)	0.00	0.04	0.04	0.05	0.04	0.06	0.02	0.07
1965	Wet	0.00	0.00	0.04	0.00	0.00	0.00	0.00	(0.43)	(0.50)	(0.31)	(0.31)	(0.04)	(0.13)
1966	Below Normal	0.38	(3.22)	0.10	0.10	0.07	5.22	0.00	0.22	0.22	(0.03)	0.14	(1.35)	0.15
1967	Wet	(0.49)	0.03	1.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.90	0.32
1968	Below Normal	(2.97)	42.78	(0.93)	(0.94)	(45.93)	0.00	0.12	0.02	0.00	(0.01)	(0.01)	(0.01)	(0.66)
1969	Wet	(0.05)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.00	(0.44)	0.00
1970	Wet	(1.13)	0.28	0.92	0.00	0.00	0.00	0.00	0.00	0.18	(0.08)	(0.01)	(0.01)	0.01
1971	Wet	0.51	(0.89)	0.26	0.00	0.00	0.00	(0.01)	0.01	(0.01)	(0.01)	0.02	(0.01)	(0.01)
1972	Below Normal	0.07	(0.09)	0.00	0.00	0.00	0.03	0.01	0.01	0.00	0.00	0.01	0.01	0.00
1973	Above Normal	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.02)	0.00	20.68	1.72
1974	Wet	(16.22)	(0.34)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	0.00	0.00	(1.38)
1975	Wet	0.00	(2.48)	0.06	0.06	0.04	0.16	0.00	0.00	0.00	0.00	0.00	0.02	(0.18)
1976	Critical	(0.01)	0.61	(0.01)	0.00	0.00	(0.02)	(0.02)	(0.04)	(0.63)	1.77	(0.94)	0.01	0.06
1977	Critical	(1.02)	0.24	(0.11)	0.10	(0.06)	(0.01)	0.00	(0.13)	(0.14)	(0.03)	0.26	0.00	(0.08)
1978	Above Normal	0.00	(0.03)	0.00	0.00	0.04	0.00	0.00	0.00	(0.02)	0.02	(0.02)	0.01	0.00
1979	Below Normal	0.01	26.49	(2.66)	(4.27)	1.93	(0.33)	(0.35)	(5.66)	(2.21)	(6.37)	(1.70)	6.05	0.91
1980	Above Normal	(7.95)	(9.53)	0.00	0.00	0.00	0.00	2.66	(0.34)	(0.44)	(0.50)	(13.56)	33.21	0.30
1981	Dry	1.78	(40.02)	0.39	0.34	0.22	0.22	0.38	0.71	1.15	4.96	3.94	(1.33)	(2.27)
1982	Wet	0.22	11.08	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.03	0.00	0.94
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.01	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	(0.02)	0.00	0.00	0.01	0.00	0.00	(0.01)	0.00	(0.01)	0.00	(1.46)	(0.12)
1987	Dry	(0.05)	9.07	(0.22)	(0.17)	(0.13)	(0.11)	(0.33)	(0.64)	(8.09)	0.03	1.18	0.83	0.11
1988	Critical	1.21	(0.08)	(0.07)	(0.07)	(1.39)	(0.14)	0.72	(0.12)	(0.23)	(1.18)	(0.30)	(0.06)	(0.14)
1989	Dry	(0.03)	(0.03)	(0.04)	0.32	(0.04)	(0.03)	(0.03)	(0.17)	(0.09)	(0.21)	(0.09)	(0.12)	(0.05)
1990	Critical	(0.04)	(0.04)	(0.03)	(0.03)	(0.02)	(0.02)	(0.05)	(0.03)	(0.04)	(0.07)	(0.03)	(0.02)	(0.04)
1991	Critical	(0.01)	0.00	(0.04)	0.02	(0.04)	(0.04)	(0.04)	(0.08)	(0.11)	(1.32)	(0.02)	(0.02)	(0.14)
1992	Critical	0.03	0.08	(0.02)	(0.01)	(0.01)	0.00	0.01	0.17	0.13	(0.21)	(0.08)	(0.59)	(0.04)
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	0.06	(0.01)	0.00
1994	Critical	0.01	(0.38)	0.01	0.00	0.00	(0.01)	0.05	0.27	0.30	(0.08)	0.00	0.06	0.02
1995	Wet	0.03	0.02	(0.01)	(0.31)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1996	Wet	0.00	28.81	(3.93)	(4.92)	(1.43)	0.00	0.00	0.00	0.03	(0.02)	(0.01)	(0.01)	1.54
1997	Wet	0.23	0.93	(0.09)	0.00	0.00	0.00	(0.11)	(0.15)	(0.15)	(5.81)	(0.13)	3.93	(0.11)
1998	Wet	3.84	(14.91)	(2.85)	19.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00
2000	Above Normal	1.70	(0.97)	0.21	(1.10)	0.00	0.00	0.00	0.00	0.02	0.00	(0.02)	0.01	(0.01)
2001	Dry	(0.10)	(0.03)	1.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.08)	(0.02)	(0.06)	(1.12)	0.01	(0.04)
2002	Dry	0.03	0.01	0.00	0.27	0.00	0.00	0.03	0.02	0.02	0.00	0.01	0.02	0.03
2003	Above Normal	2.02	0.07	(2.38)	0.00	0.00	0.00	0.00	0.00	0.01	(0.18)	0.02	0.14	(0.03)
	Average	(0.31)	1.64	(0.75)	0.50	(0.63)	0.04	0.01	(0.38)	(0.34)	(0.09)	(0.23)	0.60	0.00
	Wet	(0.48)	1.95	(1.63)	0.71	(0.03)	0.01	(0.01)	(0.02)	(0.03)	(0.26)	0.02	0.12	0.03
	Above Normal	0.14	(1.08)	(0.19)	0.14	(0.04)	(0.07)	0.22	0.01	(0.01)	(0.30)	(1.06)	5.40	0.26
	Below Normal	(0.57)	7.77	(0.06)	(0.53)	(3.33)	0.32	(0.99)	(2.47)	(2.07)	(0.32)	(1.55)	(1.19)	(0.42)
	Dry	0.12	(0.20)	(0.25)	0.05	0.01	(0.13)	(0.05)	0.04	(0.14)	0.07	(0.13)	0.41	(0.02)
	Critical	(0.75)	(0.73)	(0.95)	2.27	(0.31)	0.11	1.12	0.28	0.39	0.54	1.44	(0.80)	0.22

Percent Difference in Energy generated (GWh) at Shasta Dam: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	3%	11%	0%	0%	-4%	0%	0%	-5%	-5%	0%	-5%	-12%
1924	Critical	-9%	-8%	-9%	169%	1%	1%	7%	1%	2%	3%	10%	-10%
1925	Dry	1%	1%	1%	0%	1%	0%	0%	0%	0%	-2%	1%	6%
1926	Dry	1%	1%	1%	1%	0%	0%	0%	1%	2%	0%	0%	1%
1927	Wet	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1929	Critical	0%	0%	0%	0%	-5%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	-3%	0%	0%	0%	0%	0%	0%	1%	1%	-3%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%
1932	Dry	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	3%	0%	-3%	0%	0%	0%	0%	0%	0%	1%	1%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1939	Dry	-1%	11%	-4%	0%	0%	0%	-1%	0%	-1%	0%	-3%	5%
1940	Above Normal	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	9%
1941	Wet	0%	0%	-8%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1944	Dry	0%	4%	0%	0%	0%	-6%	0%	0%	0%	-1%	-1%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	-9%	-9%	-5%	0%	-5%	-8%
1946	Below Normal	-7%	30%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	14%	-26%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	-1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	1%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-2%	0%	0%	0%	2%	0%	0%	0%	0%	0%	-1%
1967	Wet	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1968	Below Normal	-2%	26%	-1%	-1%	-15%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	19%
1974	Wet	-15%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	-1%	0%
1977	Critical	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	17%	-3%	-4%	3%	0%	0%	-4%	-1%	-2%	-1%	6%
1980	Above Normal	-8%	-7%	0%	0%	0%	0%	2%	0%	0%	0%	-6%	41%
1981	Dry	2%	-21%	0%	0%	0%	0%	0%	0%	0%	2%	2%	-1%
1982	Wet	0%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1987	Dry	0%	7%	0%	0%	0%	0%	0%	0%	-3%	0%	1%	1%
1988	Critical	1%	0%	0%	0%	-1%	0%	1%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	16%	-7%	-6%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	2%
1998	Wet	3%	-8%	-3%	9%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	1%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	2%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	1%	-1%	2%	0%	0%	0%	0%	0%	0%	0%	1%
	Wet	0%	1%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%
	Below Normal	0%	6%	0%	-1%	-1%	0%	-1%	-1%	-1%	0%	-1%	-1%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	-1%	-1%	-1%	14%	0%	0%	1%	0%	0%	0%	1%	-1%

Energy generated (GWh) at Spring Creek: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	107.31	27.65	14.54	18.59	17.92	4.93	32.01	19.85	0.00	44.35	44.49	58.86	390.50
1923	Below Normal	27.07	17.65	21.60	16.62	7.59	0.67	14.90	5.94	34.61	60.00	67.94	43.87	318.46
1924	Critical	27.09	3.77	0.00	76.90	9.27	0.00	13.13	0.00	5.38	44.42	44.57	9.24	233.77
1925	Dry	10.34	11.21	12.77	94.42	47.81	13.04	23.03	22.90	22.06	52.33	28.93	28.94	367.78
1926	Dry	13.25	5.57	3.22	4.37	41.81	5.44	8.66	3.94	18.43	28.74	36.77	36.07	206.27
1927	Wet	13.16	19.97	26.42	23.41	61.46	33.44	17.89	11.52	0.00	44.44	44.63	59.04	355.38
1928	Above Normal	42.41	32.45	10.62	21.90	31.56	43.05	11.12	0.00	0.00	17.89	60.17	58.98	330.15
1929	Critical	27.07	15.54	7.89	97.58	3.69	1.21	0.00	5.46	26.41	75.65	44.50	28.86	333.86
1930	Dry	13.14	5.27	23.84	7.80	18.19	12.52	0.00	4.45	26.21	36.63	61.60	28.95	238.60
1931	Critical	13.23	5.53	0.00	6.86	4.97	7.13	0.00	0.00	5.44	44.26	92.31	32.88	212.61
1932	Dry	39.50	11.09	0.00	0.00	5.89	15.36	6.36	0.00	4.91	61.77	33.61	2.14	180.63
1933	Critical	12.99	3.79	0.39	0.00	0.01	0.00	0.00	9.43	12.52	44.32	5.39	6.27	95.11
1934	Critical	42.65	4.90	2.65	8.61	7.97	4.79	4.18	11.98	5.39	46.16	115.47	50.95	305.70
1935	Below Normal	49.60	0.00	0.00	0.00	4.96	2.70	23.07	10.01	6.71	44.44	5.44	6.24	153.17
1936	Below Normal	5.56	2.38	0.00	34.69	37.38	13.82	2.57	0.00	0.00	28.73	36.66	28.82	190.61
1937	Below Normal	13.13	2.34	0.00	0.00	0.00	0.04	14.20	16.02	6.81	52.18	28.87	28.84	162.43
1938	Wet	11.62	31.62	40.18	5.57	22.03	57.27	47.14	43.54	7.28	0.00	44.58	45.81	356.64
1939	Dry	64.07	8.46	15.47	0.02	1.05	3.50	0.00	36.65	82.01	100.61	100.74	83.56	496.14
1940	Above Normal	44.19	28.64	4.19	32.26	63.64	37.10	16.65	1.23	18.09	60.06	60.15	43.92	410.12
1941	Wet	27.29	16.13	47.07	69.81	62.72	67.18	55.04	76.64	15.58	102.97	59.06	80.61	680.10
1942	Wet	61.80	16.36	86.91	37.90	56.37	3.30	24.00	7.51	0.81	54.35	48.17	75.59	473.07
1943	Wet	58.47	17.25	30.54	39.03	23.33	39.53	0.00	0.00	0.00	44.45	44.57	58.92	356.09
1944	Dry	42.47	15.86	3.07	5.03	13.44	35.07	0.00	2.33	50.24	100.66	73.26	43.81	385.24
1945	Below Normal	12.20	8.59	6.38	3.79	26.93	6.46	0.00	0.00	16.42	44.44	52.36	21.23	198.80
1946	Below Normal	13.99	12.53	40.33	18.51	6.53	2.48	0.00	0.00	14.44	44.39	60.16	43.89	257.25
1947	Dry	27.09	17.65	6.11	0.00	6.04	8.53	0.00	0.85	22.62	52.27	68.00	28.74	237.90
1948	Below Normal	14.33	5.02	0.00	14.56	5.31	5.63	19.46	8.43	2.80	0.00	44.61	0.00	120.15
1949	Dry	4.20	1.42	0.00	0.00	4.94	48.94	4.65	0.00	17.12	44.49	60.23	58.93	244.92
1950	Below Normal	27.06	15.64	3.00	9.34	10.13	3.29	1.97	2.81	17.60	59.95	52.25	43.86	246.90
1951	Above Normal	30.45	12.24	21.51	14.88	31.19	10.45	33.23	6.64	0.00	46.04	60.97	59.58	327.18
1952	Wet	44.10	23.01	27.07	17.52	40.63	25.88	86.35	6.70	3.43	89.26	51.37	76.93	492.25
1953	Wet	59.36	2.75	30.67	50.33	22.46	25.50	14.78	4.04	3.15	48.34	54.21	80.68	396.27
1954	Above Normal	61.41	49.99	28.33	40.55	36.38	88.03	79.51	1.32	0.00	46.20	46.10	60.38	538.20
1955	Dry	28.55	20.82	14.55	61.08	4.28	0.00	2.93	9.37	19.83	45.74	60.53	59.46	327.14
1956	Wet	27.91	18.93	47.69	65.48	31.48	37.29	38.93	2.76	0.00	44.93	12.04	71.37	398.81
1957	Above Normal	63.29	5.25	4.40	7.17	29.34	46.39	0.00	14.66	3.02	47.06	45.83	61.42	327.83
1958	Wet	39.48	49.77	62.75	80.21	115.11	66.69	40.16	81.38	0.37	88.00	55.68	78.34	757.94
1959	Below Normal	60.45	2.50	4.82	77.93	23.68	21.66	2.74	0.00	37.66	84.11	76.75	74.85	467.15
1960	Dry	27.79	16.43	4.26	7.71	26.51	14.34	0.00	1.85	0.00	45.94	60.99	44.77	250.59
1961	Dry	28.15	18.65	13.91	5.42	22.62	14.24	0.00	0.00	0.00	45.78	60.92	59.84	269.53
1962	Below Normal	28.06	18.57	11.88	2.09	33.05	20.25	0.00	0.00	16.65	45.47	61.08	44.62	281.72
1963	Wet	10.95	5.06	6.37	3.74	27.72	4.75	34.75	6.47	1.31	47.44	46.01	44.86	239.43
1964	Dry	29.03	46.46	20.19	31.52	31.21	0.77	5.92	3.31	32.26	100.67	80.31	43.96	425.61
1965	Wet	26.99	15.54	28.06	31.49	7.54	0.00	12.04	0.00	0.00	44.55	44.48	44.02	254.71
1966	Below Normal	42.37	37.02	12.07	20.61	21.35	15.44	36.29	0.00	0.00	44.48	94.19	58.98	382.80
1967	Wet	42.42	24.66	29.21	45.92	33.20	43.04	22.80	13.05	0.08	57.22	51.65	81.43	444.68
1968	Below Normal	65.85	5.89	11.11	21.17	23.99	24.36	0.00	0.11	19.20	70.15	66.65	58.94	367.42
1969	Wet	27.07	17.13	11.92	39.19	39.54	17.88	12.36	36.14	1.21	49.11	48.09	52.77	352.41
1970	Wet	60.79	2.40	104.21	126.05	23.83	30.91	10.58	0.00	17.69	67.06	63.81	76.11	583.44
1971	Wet	28.95	30.31	22.77	33.90	14.43	29.56	20.62	7.47	6.53	5.52	44.09	76.67	320.82
1972	Below Normal	61.23	9.52	10.94	32.46	8.63	108.90	0.00	0.00	0.00	48.61	62.81	63.73	406.83
1973	Above Normal	31.69	17.15	7.14	34.55	45.75	40.22	13.57	4.72	0.00	48.42	86.75	61.65	391.61
1974	Wet	31.16	53.59	42.03	126.05	25.19	58.71	43.27	9.01	3.78	49.06	53.49	78.02	573.36
1975	Wet	62.00	2.87	9.36	4.36	25.20	56.93	18.54	6.80	3.90	76.28	52.00	78.87	397.11
1976	Critical	68.06	20.93	16.21	96.64	4.78	0.00	0.00	1.31	42.23	102.80	71.03	46.60	470.59
1977	Critical	30.33	16.94	25.59	9.46	3.55	0.00	0.00	1.30	8.46	49.67	138.83	3.46	287.59
1978	Above Normal	104.35	0.34	0.75	95.30	36.71	41.15	14.49	2.98	0.00	43.62	44.89	32.68	417.26
1979	Below Normal	4.96	3.78	3.08	4.22	10.37	14.74	0.00	3.31	18.81	46.74	54.19	44.81	209.01
1980	Above Normal	6.89	7.43	2.54	17.11	47.57	21.36	4.05	0.00	38.50	46.83	62.76	62.22	317.26
1981	Dry	27.12	10.06	9.67	24.89	18.26	19.61	0.00	1.56	21.50	73.42	92.15	45.71	343.95
1982	Wet	30.30	23.80	33.66	30.16	29.57	57.29	21.22	5.20	0.50	46.89	0.00	24.98	303.57
1983	Wet	76.57	26.06	23.05	47.22	67.54	121.72	46.09	103.69	104.96	107.14	79.71	89.51	893.26
1984	Wet	69.13	82.64	56.08	70.23	12.95	19.60	0.00	0.00	0.00	44.97	44.48	58.85	458.93
1985	Dry	42.49	21.07	7.53	53.53	3.61	0.00	0.00	4.51	34.95	100.55	99.55	43.98	411.77
1986	Wet	28.04	6.30	4.87	14.98	70.02	29.49	72.16	0.00	14.20	61.09	60.17	74.17	435.49
1987	Dry	27.00	16.86	4.17	5.29	11.22	19.27	0.00	1.22	78.18	100.72	89.25	53.65	406.83
1988	Critical	15.41	6.49	18.79	16.51	4.20	0.00	8.46	9.41	29.13	75.55	44.49	29.54	257.98
1989	Dry	15.77	14.28	2.28	37.67	1.41	40.80	0.00	0.00	14.58	56.02	37.18	29.65	249.64
1990	Critical	18.31	5.79	0.00	9.18	1.99	0.00	0.00	9.81	11.71	37.60	44.42	28.78	167.59
1991	Critical	13.20	5.80	0.00	0.00	0.00	8.50	0.00	0.33	5.43	44.33	44.58	6.11	128.28
1992	Critical	8.42	4.66	0.00	0.00	36.42	30.11	0.99	1.13	8.64	45.27	100.61	95.71	331.96
1993	Above Normal	51.28	58.67	0.00	18.79	31.00	27.67	6.54	8.74	13.05	2.59	44.34	29.77	292.44
1994	Critical	6.42	2.88	4.58	6.00	9.30	1.94	0.00	3.73	28.59	69.85	46.25	28.81	208.35
1995	Wet	12.81	4.42	0.77	116.98	25.76	70.70	14.50	10.36	5.91	23.31	57.85	83.73	427.10
1996	Wet	61.37	3.39	55.83	43.56	34.71	64.93	9.96	2.50	0.00	45.91	39.07	44.97	406.20
1997	Wet	27.53	19.48	49.20	49.36	13.08	0.72	31.12	0.00	29.29	60.01	67.92	47.49	395.20
1998	Wet	34.73	13.61	7.31	43.99	113.86	46.57	54.31	25.38	102.37	110.94	67.39	80.64	701.10
1999	Wet	61.10	45.32	41.03	22.57	22.82	63.84	17.23	4.19	0.16	47.49	46.14	55.74	427.63
2000	Above Normal	57.50	19.87	8.73	69.75	65.60	33.06	83.38	9.43	6.10	45.40	53.06	87.75	539.63
2001	Dry	27.03	15.55	2.92	9.58	26.84	29.07	0.94	10.82	41.67	100.97	101.34	44.56	411.29
2002	Dry	61.22	23.02	30.88	33.10	14.75	5.13	0.00	0.00	16.36	44.72	60.14	43.83	333.15
2003	Above Normal	27.02	15.81	39.98	34.07	9.50	9.59	18.65	17.99	0.00	66.45	51.63	81.49	372.18
	Average	35.37	16.66	17.61	31.82	25.30	25.07	15.53	9.22	15.67	55.14	57.36	50.36	355.10
	Wet	39.81	22.01	35.58	47.65	39.33	41.26	29.46	17.86	12.40	56.18	49.26	66.16	456.96
	Above Normal	52.32	22.96	11.89	33.74	37.18	33.58	26.10	7.30	6.56	42.91	55.10	58.23	387.86
	Below Normal	30.42	10.10	8.94	18.29	15.71	17.17	8.23	3.33	13.69	48.12	54.57	40.19	268.76
	Dry	29.35	15.54	9.71	21.19	16.66	15.87	2.92	5.76	27.94	66.22	66.97	43.36	321.50
	Critical	23.60	8.09	6.34	27.31	7.18	4.47	2.23	4.49	15.78	56.66	66.04	30.60	252.78

Energy generated (GWh) at Spring Creek: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	107.31	27.65	14.54	18.59	17.92	4.93	32.01	19.85	0.00	44.35	44.49	58.86	390.50
1923	Below Normal	27.07	17.65	21.60	16.62	7.59	0.67	14.90	5.94	34.61	60.00	67.94	43.87	318.46
1924	Critical	27.09	3.77	0.00	42.85	9.27	0.00	0.00	0.00	5.38	44.42	44.57	31.85	209.20
1925	Dry	10.34	11.21	12.77	94.42	47.81	13.04	23.03	22.90	22.06	52.33	28.93	21.40	360.24
1926	Dry	13.25	5.57	3.22	4.37	41.81	5.44	8.66	3.94	18.43	52.17	36.77	37.21	230.84
1927	Wet	13.16	19.97	26.42	18.91	61.46	33.44	17.89	11.52	0.00	44.44	44.63	59.04	350.88
1928	Above Normal	42.41	32.45	10.62	21.90	31.56	43.05	11.12	0.00	0.00	21.49	60.17	58.98	333.75
1929	Critical	27.07	15.54	7.89	97.58	7.76	1.21	0.00	5.46	26.41	75.65	44.50	28.86	337.93
1930	Dry	13.14	5.27	26.37	7.80	18.19	12.52	0.00	4.45	26.21	36.63	60.41	28.95	239.94
1931	Critical	13.23	5.53	0.00	6.86	4.97	7.13	0.00	0.00	5.44	44.26	93.73	33.12	214.27
1932	Dry	39.24	10.09	0.00	0.00	5.89	15.36	6.33	0.00	4.94	61.79	33.65	2.22	179.51
1933	Critical	12.94	3.76	0.39	0.00	0.01	0.00	0.00	9.43	12.52	44.32	5.39	6.27	95.03
1934	Critical	41.80	4.77	3.86	8.61	7.97	4.79	4.18	11.00	5.39	44.39	114.39	50.47	301.62
1935	Below Normal	54.09	0.00	0.00	0.00	4.96	2.70	23.07	10.01	6.71	44.44	5.44	6.24	157.66
1936	Below Normal	5.56	2.38	0.00	34.69	37.38	13.82	2.57	0.00	0.00	28.73	36.66	28.82	190.61
1937	Below Normal	13.13	2.34	0.00	0.00	0.00	0.04	14.20	16.02	6.81	52.18	28.87	28.84	162.43
1938	Wet	11.62	31.62	40.18	5.57	22.03	57.27	47.14	43.54	7.28	0.00	44.58	45.81	356.64
1939	Dry	64.07	8.46	15.47	0.02	1.05	3.50	0.00	37.18	84.68	100.61	100.74	85.51	501.29
1940	Above Normal	46.00	28.86	4.19	32.26	63.64	37.10	16.65	1.23	18.09	60.06	60.15	43.92	412.15
1941	Wet	27.29	16.13	47.07	69.81	62.72	67.18	55.04	76.64	15.58	102.97	59.06	80.61	680.10
1942	Wet	61.80	16.36	86.79	37.90	56.37	3.30	24.00	7.51	0.81	54.35	48.17	75.59	472.95
1943	Wet	58.47	17.25	30.54	38.61	23.33	39.53	0.00	0.00	0.00	44.45	44.57	58.92	355.67
1944	Dry	42.47	15.86	3.07	5.03	13.44	38.87	0.00	2.33	50.51	100.66	72.57	43.81	388.62
1945	Below Normal	12.20	8.59	6.38	3.79	26.93	6.46	0.00	0.00	16.42	44.44	52.36	21.23	198.80
1946	Below Normal	13.99	9.60	40.33	18.51	6.53	2.48	0.00	0.00	14.44	44.39	60.16	43.89	254.32
1947	Dry	27.09	17.65	6.11	0.00	6.04	8.53	0.00	0.85	22.62	52.27	68.00	28.74	237.90
1948	Below Normal	14.33	5.02	0.00	14.56	5.31	5.63	19.46	8.43	2.80	0.00	44.61	0.00	120.15
1949	Dry	4.20	1.42	0.00	0.00	4.94	48.94	4.65	0.00	17.12	44.49	60.23	58.93	244.92
1950	Below Normal	27.06	15.64	3.00	9.34	10.13	3.29	1.97	2.81	17.60	59.95	52.25	43.86	246.90
1951	Above Normal	31.40	12.24	21.51	14.88	31.19	10.45	33.23	6.64	0.00	46.04	60.97	59.58	328.13
1952	Wet	44.10	23.01	27.07	17.52	40.63	25.88	86.35	6.70	3.43	89.26	51.37	76.93	492.25
1953	Wet	59.36	2.75	30.67	50.33	22.46	25.50	14.78	4.04	3.15	48.34	54.21	80.68	396.27
1954	Above Normal	61.41	49.99	28.33	40.55	36.38	88.03	79.51	1.32	0.00	46.20	46.10	60.38	538.20
1955	Dry	28.55	20.82	14.55	61.24	4.28	0.00	2.93	9.37	19.83	45.74	60.53	59.46	327.30
1956	Wet	27.91	18.93	47.69	65.48	31.48	37.29	38.93	2.76	0.00	44.93	12.01	71.40	398.81
1957	Above Normal	63.29	5.25	4.40	7.17	29.34	46.39	0.00	14.66	3.02	47.06	45.83	61.42	327.83
1958	Wet	39.48	49.77	62.75	80.21	115.11	66.69	40.16	81.38	0.37	88.00	55.68	78.34	757.94
1959	Below Normal	60.45	2.50	4.82	77.93	23.68	21.66	2.89	0.00	37.66	84.11	76.81	74.85	467.36
1960	Dry	27.79	16.43	4.26	7.71	26.51	14.34	0.00	1.85	0.00	45.94	60.99	44.77	250.59
1961	Dry	28.15	18.65	13.91	5.42	22.62	14.24	0.00	0.00	0.00	45.78	60.92	59.84	269.53
1962	Below Normal	28.06	18.57	11.88	2.09	33.05	20.25	0.00	0.00	16.65	45.46	61.08	44.62	281.71
1963	Wet	10.95	5.06	6.37	3.74	27.53	4.75	34.75	6.47	1.31	47.44	46.01	44.86	239.24
1964	Dry	29.03	46.46	20.19	31.37	31.23	0.77	5.92	3.31	32.26	100.67	80.38	43.96	425.55
1965	Wet	26.99	15.54	28.06	31.49	7.54	0.00	12.04	0.00	0.00	44.55	44.48	44.02	254.71
1966	Below Normal	42.37	37.02	12.07	20.61	21.35	15.44	36.29	0.00	0.00	44.48	94.67	58.98	383.28
1967	Wet	42.42	24.66	28.75	45.92	33.20	43.04	22.80	13.05	0.08	57.22	51.65	81.43	444.22
1968	Below Normal	65.85	5.89	11.11	21.17	23.99	24.36	0.00	0.11	19.20	70.15	66.65	58.94	367.42
1969	Wet	27.07	17.13	11.92	39.19	39.54	17.88	12.36	36.14	1.21	49.11	48.09	52.77	352.41
1970	Wet	60.79	2.40	103.16	126.05	23.83	30.91	10.57	0.00	17.69	67.14	63.81	76.11	582.46
1971	Wet	28.95	30.31	22.77	33.90	14.43	29.49	20.62	7.47	6.53	5.52	44.10	76.67	320.76
1972	Below Normal	61.23	9.52	10.94	32.46	8.63	108.90	0.00	0.00	0.00	48.61	62.81	63.73	406.83
1973	Above Normal	31.69	17.15	7.14	34.55	45.75	40.22	13.57	4.72	0.00	48.42	86.75	61.65	391.61
1974	Wet	31.16	53.59	42.03	126.05	25.19	58.71	43.27	9.01	3.78	49.06	53.49	78.02	573.36
1975	Wet	62.00	2.87	9.36	4.36	25.20	56.93	18.54	6.80	3.90	76.28	52.00	78.87	397.11
1976	Critical	68.06	20.93	16.21	96.64	4.78	0.00	0.00	1.31	43.03	102.80	71.03	46.60	471.39
1977	Critical	30.33	16.39	25.41	9.54	3.45	0.00	0.00	1.30	8.46	49.67	138.83	3.46	286.84
1978	Above Normal	104.20	0.34	0.75	95.30	36.71	41.15	14.49	2.98	0.00	43.62	44.89	32.68	417.11
1979	Below Normal	4.96	3.78	7.59	8.72	7.66	14.74	0.00	8.00	18.81	46.74	54.19	44.81	220.00
1980	Above Normal	6.89	7.43	2.54	17.11	47.57	21.36	0.81	0.00	38.50	46.83	62.76	62.22	314.02
1981	Dry	27.12	17.38	9.67	24.89	18.26	19.61	0.00	1.56	21.50	68.50	83.93	45.71	338.13
1982	Wet	30.30	23.80	33.66	28.55	29.57	57.29	21.22	5.20	0.50	46.89	0.00	24.98	301.96
1983	Wet	76.57	26.06	23.05	47.22	67.54	121.72	46.09	103.69	104.96	107.14	79.71	89.51	893.26
1984	Wet	69.13	82.64	56.08	70.23	12.95	19.60	0.00	0.00	0.00	44.97	44.48	58.85	458.93
1985	Dry	42.49	21.07	7.53	53.53	3.61	0.00	0.00	4.50	34.94	100.55	99.55	43.98	411.75
1986	Wet	28.04	6.30	4.87	14.98	70.02	29.49	72.16	0.00	14.20	61.09	60.17	74.17	435.49
1987	Dry	27.00	16.86	4.17	5.29	11.22	19.27	0.00	1.22	88.10	100.72	86.09	52.19	412.13
1988	Critical	13.54	6.52	18.79	16.51	4.20	0.00	7.45	9.41	29.13	75.55	44.49	29.54	255.13
1989	Dry	15.77	14.28	2.28	37.18	1.41	40.80	0.00	0.00	14.58	56.02	37.18	29.65	249.15
1990	Critical	18.31	5.79	0.00	9.18	1.99	0.00	0.00	9.81	11.71	37.60	44.42	28.78	167.59
1991	Critical	13.20	5.80	0.00	0.00	0.00	8.50	0.00	0.33	5.43	44.33	44.58	6.11	128.28
1992	Critical	8.42	4.66	0.00	0.00	36.42	30.11	0.99	1.13	8.64	45.27	100.61	96.77	333.02
1993	Above Normal	51.30	58.74	0.00	18.79	31.00	27.67	6.54	8.74	13.05	2.59	44.19	29.77	292.38
1994	Critical	6.42	2.88	4.58	6.00	9.30	1.96	0.00	3.24	28.10	69.85	46.25	28.81	207.39
1995	Wet	12.81	4.42	0.77	116.98	25.76	70.70	14.50	10.36	5.91	21.87	57.85	83.73	425.66
1996	Wet	61.37	3.39	55.83	43.56	34.71	64.93	9.96	2.50	0.00	45.91	39.12	44.97	406.25
1997	Wet	27.53	19.48	49.20	49.36	13.08	0.72	31.07	0.00	29.29	60.01	67.92	45.29	392.95
1998	Wet	34.73	13.61	11.81	43.99	113.86	46.57	54.31	25.38	102.35	110.94	67.39	80.64	705.58
1999	Wet	61.10	45.32	41.03	22.57	22.82	63.84	17.23	4.19	0.16	47.49	46.14	55.74	427.63
2000	Above Normal	57.50	19.87	8.73	69.75	65.60	33.06	83.38	9.43	6.10	45.40	53.06	87.75	539.63
2001	Dry	27.03	15.55	2.92	9.58	26.84	29.07	0.94	10.92	41.67	100.97	101.34	44.56	411.39
2002	Dry	60.89	23.02	30.88	33.10	14.75	5.13	0.00	0.00	16.36	44.72	60.14	43.83	332.82
2003	Above Normal	27.02	15.81	39.98	34.07	9.50	9.59	18.65	17.99	0.00	66.68	51.63	81.49	372.41
	Average	35.41	16.70	17.74	31.37	25.31	25.11	15.32	9.27	15.83	55.37	57.21	50.55	355.20
	Wet	39.81	22.01	35.69	47.40	39.32	41.26	29.45	17.86	12.40	56.13	49.26	66.08	456.67
	Above Normal	52.54	22.98	11.89	33.74	37.18	33.58	25.83	7.30	6.56	43.23	55.08	58.23	388.14
	Below Normal	30.74	9.89	9.27	18.61	15.51	17.17	8.24	3.67	13.69	48.12	54.61	40.19	269.71
	Dry	29.31	15.89	9.85	21.16	16.66	16.08	2.91	5.80	28.66	67.25	66.24	43.04	322.87
	Critical	23.37	8.03	6.43	24.48	7.51	4.48	1.05	4.37	15.80	56.51	66.07	32.55	250.64

Difference in Energy generated (GWh) at Spring Creek: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	(34.05)	0.00	0.00	(13.13)	0.00	0.00	0.00	0.00	22.61	(2.05)
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(7.54)	(0.63)
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.43	0.00	1.14	2.05
1927	Wet	0.00	0.00	0.00	(4.50)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.38)
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.60	0.00	0.00	0.30
1929	Critical	0.00	0.00	0.00	0.00	4.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34
1930	Dry	0.00	0.00	2.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.19)	0.00	0.11
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.42	0.24	0.14
1932	Dry	(0.26)	(1.00)	0.00	0.00	0.00	0.00	(0.03)	0.00	0.03	0.02	0.04	0.08	(0.09)
1933	Critical	(0.05)	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1934	Critical	(0.85)	(0.13)	1.21	0.00	0.00	0.00	0.00	(0.98)	0.00	(1.77)	(1.08)	(0.48)	(0.34)
1935	Below Normal	4.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	2.67	0.00	0.00	1.95	0.43
1940	Above Normal	1.81	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	(0.12)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1943	Wet	0.00	0.00	0.00	(0.42)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1944	Dry	0.00	0.00	0.00	0.00	0.00	3.80	0.00	0.00	0.27	0.00	(0.69)	0.00	0.28
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	(2.93)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.24)
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	0.03	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.06	0.00	0.02
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	(0.19)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1964	Dry	0.00	0.00	0.00	(0.15)	0.02	0.00	0.00	0.00	0.00	0.00	0.07	0.00	(0.01)
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.04
1967	Wet	0.00	0.00	(0.46)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	(1.05)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.08	0.00	0.00	(0.08)
1971	Wet	0.00	0.00	0.00	0.00	0.00	(0.07)	0.00	0.00	0.00	0.00	0.01	0.00	(0.01)
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00	0.00	0.00	0.07
1977	Critical	0.00	(0.55)	(0.18)	0.08	(0.10)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)
1978	Above Normal	(0.15)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1979	Below Normal	0.00	0.00	4.51	4.50	(2.71)	0.00	0.00	4.69	0.00	0.00	0.00	0.00	0.92
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(3.24)	0.00	0.00	0.00	0.00	0.00	(0.27)
1981	Dry	0.00	7.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(4.92)	(8.22)	0.00	(0.49)
1982	Wet	0.00	0.00	0.00	(1.61)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.13)
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.92	0.00	(3.16)	(1.46)	0.44
1988	Critical	(1.87)	0.03	0.00	0.00	0.00	0.00	(1.01)	0.00	0.00	0.00	0.00	0.00	(0.24)
1989	Dry	0.00	0.00	0.00	(0.49)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.06	0.09
1993	Above Normal	0.02	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.15)	0.00	(0.01)
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.02	0.00	(0.49)	(0.49)	0.00	0.00	0.00	(0.08)
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.44)	0.00	0.00	(0.12)
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	0.00	0.00	0.00	0.00	(2.20)	(0.19)
1998	Wet	0.00	0.00	4.50	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.37
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.01
2002	Dry	(0.33)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.02
	Average	0.05	0.04	0.13	(0.44)	0.01	0.05	(0.21)	0.05	0.16	0.23	(0.15)	0.19	0.01
	Wet	0.00	0.00	0.11	(0.25)	(0.01)	(0.00)	(0.00)	0.00	(0.00)	(0.05)	0.00	(0.08)	(0.03)
	Above Normal	0.22	0.02	0.00	0.00	0.00	0.00	(0.27)	0.00	0.00	0.32	(0.01)	0.00	0.02
	Below Normal	0.32	(0.21)	0.32	0.32	(0.19)	0.00	0.01	0.34	0.00	(0.00)	0.04	0.00	0.08
	Dry	(0.03)	0.35	0.14	(0.03)	0.00	0.21	(0.00)	0.03	0.72	1.03	(0.73)	(0.32)	0.11
	Critical	(0.23)	(0.06)	0.09	(2.83)	0.33	0.00	(1.18)	(0.12)	0.03	(0.15)	0.03	1.95	(0.18)

Percent Difference in Energy generated (GWh) at Spring Creek: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	-44%	0%	0%	-100%	0%	0%	0%	0%	245%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-26%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	82%	0%	3%
1927	Wet	0%	0%	0%	-19%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	20%	0%	0%
1929	Critical	0%	0%	0%	0%	110%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	11%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	1%
1932	Dry	-1%	-9%	0%	0%	0%	0%	0%	0%	1%	0%	0%	4%
1933	Critical	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	-2%	-3%	46%	0%	0%	0%	0%	-8%	0%	-4%	-1%	-1%
1935	Below Normal	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	1%	3%	0%	0%	2%
1940	Above Normal	4%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	11%	0%	0%	1%	0%	-1%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	-23%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1967	Wet	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%
1977	Critical	0%	-3%	-1%	1%	-3%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	146%	107%	-26%	0%	0%	142%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	-80%	0%	0%	0%	0%	0%
1981	Dry	0%	73%	0%	0%	0%	0%	0%	0%	0%	-7%	-9%	0%
1982	Wet	0%	0%	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	13%	0%	-4%	-3%
1988	Critical	-12%	0%	0%	0%	0%	0%	-12%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	1%	0%	-13%	-2%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-6%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-5%
1998	Wet	0%	0%	62%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
2002	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	3%	0%	1%	0%	-2%	1%	0%	1%	0%	3%
	Wet	0%	0%	2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	1%	0%	0%	0%	0%	0%	-7%	0%	0%	2%	0%	0%
	Below Normal	1%	-2%	10%	8%	-2%	0%	0%	10%	0%	0%	0%	0%
	Dry	0%	4%	1%	0%	0%	1%	0%	0%	1%	4%	-1%	-1%
	Critical	-1%	-1%	4%	-4%	9%	0%	-9%	-2%	0%	0%	0%	20%

Energy generated (GWh) at Syst. Tot.: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	490.03	302.06	178.70	159.10	222.43	260.18	361.50	626.71	679.86	669.93	604.84	525.72	5,081.06
1923	Below Normal	290.50	290.47	251.02	222.86	209.16	224.21	278.47	633.61	596.12	684.31	558.19	354.26	4,593.18
1924	Critical	296.41	207.36	188.53	293.92	141.19	194.38	361.05	343.39	366.96	452.02	380.29	178.62	3,404.12
1925	Dry	135.36	99.77	105.58	251.59	194.76	156.86	281.91	478.93	529.76	654.19	476.91	286.71	3,652.33
1926	Dry	246.96	177.66	158.75	146.55	159.56	166.26	231.20	393.70	518.76	568.86	448.81	271.23	3,488.30
1927	Wet	201.51	140.97	179.57	230.28	683.56	256.67	543.64	618.18	604.97	677.95	522.03	644.96	5,304.29
1928	Above Normal	310.89	313.77	184.00	198.76	146.39	559.89	305.56	482.73	566.56	690.77	553.76	502.08	4,815.16
1929	Critical	281.98	236.62	154.00	329.14	124.46	155.87	292.02	350.33	430.49	585.39	474.54	244.71	3,659.55
1930	Dry	200.55	146.99	131.50	129.99	124.20	171.54	267.65	372.36	496.86	535.34	471.27	240.11	3,288.36
1931	Critical	198.66	145.63	136.98	129.62	120.21	143.75	348.61	317.98	325.67	445.93	460.14	163.12	2,936.30
1932	Dry	212.12	105.89	87.79	93.54	116.84	151.06	228.28	293.62	389.71	444.04	368.83	201.13	2,692.85
1933	Critical	180.95	144.26	121.12	114.27	102.65	123.05	230.39	288.91	349.54	441.86	336.56	194.59	2,628.15
1934	Critical	212.31	105.27	95.71	99.58	95.13	123.20	276.20	334.46	354.33	429.61	413.39	226.22	2,765.41
1935	Below Normal	194.10	86.27	89.25	94.19	91.23	121.47	230.89	329.94	434.48	562.34	365.53	229.34	2,829.03
1936	Below Normal	190.72	146.28	135.71	196.23	251.52	236.96	304.61	423.16	475.72	611.73	455.33	333.47	3,761.44
1937	Below Normal	225.87	180.55	141.38	128.34	134.03	178.35	222.83	360.98	409.52	619.66	450.38	277.88	3,329.77
1938	Wet	191.82	187.95	603.57	180.59	652.05	788.93	598.32	652.22	671.82	588.60	629.33	622.31	6,367.51
1939	Dry	391.04	281.07	221.23	161.37	167.79	140.38	433.44	515.38	665.51	758.40	633.97	383.88	4,753.46
1940	Above Normal	284.36	243.73	136.50	169.26	691.72	769.18	343.47	492.31	590.59	776.04	564.53	396.21	5,457.90
1941	Wet	286.99	245.88	290.45	710.84	683.93	636.25	644.91	848.53	612.68	806.42	708.81	737.99	7,213.68
1942	Wet	413.03	364.95	646.15	752.09	729.56	250.41	370.26	694.74	583.91	683.62	665.25	725.55	6,879.52
1943	Wet	404.13	418.34	258.60	546.98	432.10	711.82	376.57	541.69	569.60	772.12	545.90	662.00	6,239.85
1944	Dry	352.77	351.87	181.65	181.06	144.17	218.94	348.70	363.19	515.60	723.59	546.15	286.79	4,214.48
1945	Below Normal	211.72	167.68	145.76	151.43	260.78	236.49	343.63	498.46	575.83	678.79	532.09	351.81	4,154.47
1946	Below Normal	248.20	185.06	723.35	336.23	189.16	224.34	420.59	560.99	599.50	699.35	572.05	370.07	5,128.89
1947	Dry	297.24	215.04	179.32	165.51	135.15	199.89	335.72	498.97	496.07	643.06	542.29	277.00	3,985.26
1948	Below Normal	190.37	153.66	155.56	139.33	156.43	163.56	213.35	552.65	488.00	520.38	527.66	323.26	3,584.21
1949	Dry	255.63	194.12	175.95	167.50	136.78	345.81	332.46	473.35	549.93	658.90	553.37	348.00	4,191.80
1950	Below Normal	295.33	222.17	187.81	196.31	228.58	223.96	320.04	459.58	482.36	630.08	474.15	322.76	4,043.13
1951	Above Normal	325.28	412.09	574.75	356.76	567.27	279.00	500.66	513.03	572.47	772.94	561.79	438.69	5,874.73
1952	Wet	311.99	303.44	416.96	405.99	670.02	530.10	998.81	679.85	577.34	854.18	738.19	653.90	7,140.77
1953	Wet	447.53	329.07	244.99	823.93	209.88	238.69	366.52	613.99	598.76	682.92	611.31	719.97	5,887.56
1954	Above Normal	371.27	462.07	227.00	424.69	612.80	599.95	724.28	495.00	494.68	750.96	519.56	486.60	6,168.86
1955	Dry	295.45	263.48	190.35	301.12	155.95	171.39	308.33	416.05	491.12	641.03	543.92	346.34	4,124.53
1956	Wet	256.56	188.48	698.36	752.24	653.24	298.91	396.89	731.50	624.11	624.13	494.19	661.83	6,380.44
1957	Above Normal	421.02	394.89	188.35	184.78	156.53	491.54	325.38	553.07	509.85	748.20	518.86	457.78	4,950.25
1958	Wet	316.70	381.18	468.89	595.41	855.79	891.32	594.74	768.12	644.82	831.86	717.76	650.58	7,717.17
1959	Below Normal	454.24	376.48	185.41	370.98	447.34	186.86	405.18	494.87	648.66	794.94	575.04	321.65	5,261.65
1960	Dry	300.51	215.44	181.23	153.10	151.34	220.68	336.74	370.97	530.71	646.19	512.42	337.46	3,956.79
1961	Dry	276.80	201.80	225.10	148.24	319.76	239.45	297.24	430.09	495.74	676.67	537.52	357.22	4,205.63
1962	Below Normal	284.79	229.72	167.58	152.04	452.71	206.08	349.39	461.92	536.77	669.47	535.38	317.85	4,363.70
1963	Wet	321.01	249.73	341.01	229.27	391.86	247.57	799.69	526.69	497.52	720.74	494.75	532.05	5,351.89
1964	Dry	258.44	350.97	243.94	238.98	199.05	182.81	447.50	457.42	516.28	731.73	568.37	310.07	4,505.56
1965	Wet	235.99	186.84	631.37	711.14	225.71	206.93	402.51	536.21	577.36	707.90	475.45	592.06	5,489.47
1966	Below Normal	359.51	324.97	185.77	191.98	168.62	396.79	421.75	492.59	578.93	720.36	610.09	365.29	4,816.65
1967	Wet	344.00	202.66	419.54	487.32	367.74	707.66	451.27	827.70	606.89	714.57	694.71	660.92	6,484.98
1968	Below Normal	435.18	286.22	195.29	219.35	591.40	204.92	376.21	483.50	554.84	752.77	473.69	351.92	4,925.29
1969	Wet	257.35	187.46	184.85	713.99	661.35	309.51	572.12	806.10	680.35	730.20	650.34	627.37	6,380.99
1970	Wet	355.02	232.64	813.90	1,076.95	544.49	292.25	417.31	518.69	590.06	796.40	534.21	623.50	6,795.42
1971	Wet	320.40	228.55	271.95	542.32	205.60	704.36	379.72	571.30	556.37	559.47	515.97	644.83	5,500.84
1972	Below Normal	431.68	332.40	192.61	245.59	192.89	709.53	383.73	473.07	554.89	723.14	514.97	337.53	5,092.03
1973	Above Normal	284.74	215.10	285.81	597.73	646.58	329.17	320.08	521.13	584.03	744.11	577.54	423.99	5,530.01
1974	Wet	269.51	782.97	800.83	956.22	245.92	871.79	458.81	564.57	609.69	597.28	682.28	636.24	7,476.11
1975	Wet	436.28	395.30	190.73	173.31	188.06	791.04	309.19	647.97	623.91	687.71	610.82	656.89	5,711.21
1976	Critical	462.56	404.00	208.73	354.40	205.81	169.33	288.57	404.54	525.12	707.19	395.94	241.90	4,368.09
1977	Critical	294.61	208.85	235.13	175.51	211.65	187.17	346.90	241.21	409.30	457.90	465.15	105.66	3,339.04
1978	Above Normal	305.40	91.38	89.11	161.09	314.09	561.32	338.83	569.87	598.18	667.04	509.56	329.27	4,535.14
1979	Below Normal	273.98	249.08	178.35	182.03	156.84	188.32	256.54	449.97	585.60	620.92	448.35	337.10	3,927.08
1980	Above Normal	196.72	227.44	178.27	676.02	678.54	272.93	320.61	516.45	666.98	647.26	637.18	411.58	5,429.98
1981	Dry	296.77	321.36	183.55	186.78	140.26	146.14	247.91	470.84	620.69	715.53	554.90	301.68	4,186.41
1982	Wet	221.02	330.90	709.95	382.91	756.99	693.56	825.30	525.87	594.81	682.19	543.49	515.87	6,782.86
1983	Wet	530.06	449.95	671.39	872.30	859.84	1,059.40	631.55	832.59	1,032.88	1,021.72	840.70	743.85	9,546.23
1984	Wet	490.58	756.06	945.15	520.39	291.87	472.49	361.53	551.73	584.30	761.51	480.02	621.04	6,836.67
1985	Dry	276.96	273.27	233.81	293.83	140.36	163.66	350.51	533.70	605.65	726.45	620.30	306.55	4,525.05
1986	Wet	264.14	200.93	164.47	190.46	647.62	844.35	444.08	525.52	626.42	725.43	584.75	475.25	5,693.42
1987	Dry	255.83	269.75	194.66	164.10	140.56	147.11	365.03	481.34	714.77	744.00	524.88	306.84	4,308.87
1988	Critical	239.90	153.04	130.87	141.29	200.02	166.41	271.50	336.38	495.79	600.21	434.92	227.37	3,397.70
1989	Dry	212.20	116.20	123.07	189.18	114.94	275.75	248.63	511.27	511.39	637.66	407.84	215.09	3,563.22
1990	Critical	177.67	152.84	157.34	136.76	125.01	161.67	313.44	292.80	376.04	527.69	440.47	215.64	3,077.37
1991	Critical	190.25	150.28	124.15	163.30	112.19	116.78	167.56	281.21	326.70	459.53	369.64	148.15	2,609.74
1992	Critical	156.14	152.34	101.65	101.06	107.85	112.31	169.10	404.03	428.23	537.16	525.24	317.10	3,112.21
1993	Above Normal	211.76	226.37	93.09	111.72	190.13	238.91	283.06	422.31	519.11	553.64	459.72	443.26	3,753.08
1994	Critical	250.38	271.80	176.51	147.40	130.90	168.55	357.84	350.09	519.89	614.00	465.95	209.95	3,663.26
1995	Wet	189.16	148.80	118.78	491.57	305.10	755.09	433.51	719.70	617.63	610.09	695.08	618.21	5,702.72
1996	Wet	462.87	292.57	282.53	325.59	771.43	607.28	369.16	712.01	527.32	662.65	506.75	580.77	6,100.93
1997	Wet	361.46	371.92	851.38	1,005.22	391.73	254.37	485.57	575.15	610.98	764.51	503.74	565.70	6,741.73
1998	Wet	344.51	284.24	168.36	385.19	717.10	799.46	396.73	825.60	1,065.77	971.29	821.35	713.24	7,492.84
1999	Wet	474.59	478.05	493.89	424.18	746.80	615.19	318.49	648.35	594.26	693.29	522.17	625.62	6,634.88
2000	Above Normal	406.80	442.89	200.84	321.84	762.53	410.33	463.57	529.65	553.75	778.63	522.44	539.65	5,932.92
2001	Dry	302.96	348.38	190.71	170.68	127.27	143.71	286.70	523.88	654.27	766.39	571.68	283.30	4,369.93
2002	Dry	388.32	176.09	174.85	365.60	185.35	195.41	354.18	502.12	573.68	636.35	498.75	316.28	4,366.98
2003	Above Normal	303.76	222.17	395.81	526.16	164.47	166.90	443.30	730.38	525.95	817.24	483.49	526.24	5,305.87
	Average	300.05	263.00	274.98	328.01	330.54	348.00	382.07	514.94	556.74	670.74	535.85	419.96	4,924.88
	Wet	334.93	320.76	456.45	557.18	534.21	570.59	497.97	656.33	634.02	728.03	607.28	635.10	6,532.85
	Above Normal	326.00	296.16	227.69	323.99	429.46	411.61	394.19	537.72	571.83	718.06	542.77	456.76	5,236.25
	Below Normal	291.87	230.79	209.63	201.92	252.19	250.13	323.37	476.81	537.23	663.45	506.64	328.16	4,272.18
	Dry	275.33	228.29	176.84	194.93	158.56	190.94	316.79	449.29	548.69	661.58	521.23	298.65	4,021.10
	Critical	245.15	194.36	152.56	182.19	139.76	151.87	285.27	328.78	409.01	521.54	430.19	206.09	3,246.75

Energy generated (GWh) at Syst. Tot.: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	490.03	302.06	178.70	159.10	222.43	260.18	361.28	642.88	680.86	664.99	607.65	525.72	5,095.88
1923	Below Normal	295.83	312.19	247.15	222.50	207.20	223.83	276.59	616.55	579.83	683.11	550.13	340.74	4,555.65
1924	Critical	291.38	195.02	176.05	228.07	141.78	195.78	338.72	345.86	368.12	465.12	388.12	226.12	3,360.14
1925	Dry	136.30	100.63	106.38	253.05	194.96	157.33	280.72	477.62	527.32	648.61	475.42	272.00	3,630.34
1926	Dry	248.18	179.14	159.50	147.25	162.32	167.50	232.42	397.57	524.25	634.39	449.59	275.27	3,577.38
1927	Wet	202.09	141.79	180.72	222.22	684.02	256.72	543.26	617.82	606.06	677.38	522.88	644.65	5,299.61
1928	Above Normal	311.41	313.29	184.05	198.80	146.42	558.94	306.06	483.58	567.05	698.31	554.54	502.93	4,825.38
1929	Critical	282.22	237.07	154.08	329.50	132.69	155.83	292.17	350.58	430.79	585.77	474.94	244.93	3,670.57
1930	Dry	200.81	147.04	136.70	130.20	124.36	171.46	267.99	372.84	497.50	536.95	469.63	237.65	3,293.13
1931	Critical	198.85	145.79	137.15	129.78	120.38	143.89	348.95	318.39	325.96	446.49	464.36	163.75	2,943.74
1932	Dry	212.26	104.19	88.50	93.18	120.55	151.11	228.32	293.52	389.55	444.10	369.14	201.31	2,695.73
1933	Critical	180.93	144.10	121.23	114.38	102.74	123.12	230.49	289.04	349.52	442.08	336.84	194.88	2,629.35
1934	Critical	214.59	106.14	95.74	99.70	95.22	123.29	276.38	332.64	354.60	426.56	411.50	225.40	2,761.76
1935	Below Normal	205.03	86.27	89.25	94.19	91.23	121.47	230.90	329.99	436.01	562.45	365.60	229.30	2,841.69
1936	Below Normal	190.74	146.23	135.71	196.17	251.52	236.97	308.16	441.57	474.33	611.56	453.85	333.38	3,780.19
1937	Below Normal	225.79	180.46	141.37	128.33	134.02	178.34	224.45	367.41	433.64	617.78	448.05	277.90	3,357.54
1938	Wet	191.82	187.96	603.97	180.59	652.05	788.93	602.60	670.93	670.57	581.84	627.46	620.83	6,379.55
1939	Dry	389.75	297.16	216.03	161.14	167.47	139.89	429.83	511.94	663.73	754.72	621.96	393.99	4,747.61
1940	Above Normal	297.52	244.16	136.21	169.13	691.27	769.16	344.54	501.12	591.57	775.92	568.98	407.52	5,497.10
1941	Wet	287.12	243.30	275.83	707.68	683.91	630.84	644.25	849.23	611.61	804.56	707.69	737.98	7,184.00
1942	Wet	412.10	365.75	646.04	752.10	729.56	250.41	369.88	693.90	583.49	695.66	662.93	725.51	6,887.33
1943	Wet	404.15	417.90	258.70	546.44	432.10	711.82	381.75	546.53	560.75	766.91	542.29	665.16	6,234.50
1944	Dry	351.28	365.96	181.23	180.65	143.90	226.34	347.91	362.23	514.99	720.76	542.29	286.23	4,223.77
1945	Below Normal	211.52	167.35	145.39	151.07	260.75	236.39	327.65	480.19	558.68	678.30	527.69	328.08	4,073.06
1946	Below Normal	236.38	208.53	725.99	336.25	189.17	224.34	419.48	559.67	597.90	698.04	571.12	371.03	5,137.90
1947	Dry	295.85	215.08	179.36	165.55	135.19	200.14	335.94	499.31	496.56	643.37	542.60	278.27	3,987.22
1948	Below Normal	190.43	153.65	155.55	139.33	156.45	163.55	213.34	552.42	487.86	520.49	527.61	323.07	3,583.75
1949	Dry	255.49	194.09	175.95	167.50	136.78	345.98	332.50	473.40	549.94	658.93	552.68	348.01	4,191.25
1950	Below Normal	295.34	222.22	187.84	196.96	228.57	223.96	320.02	459.51	482.28	631.04	474.11	322.72	4,044.57
1951	Above Normal	327.04	412.09	574.75	356.75	566.34	279.00	500.66	513.03	572.47	772.94	561.79	438.68	5,875.54
1952	Wet	311.98	303.40	417.02	405.99	670.02	530.10	1,007.42	684.91	576.46	850.04	734.94	653.90	7,146.18
1953	Wet	449.27	365.65	213.12	818.81	209.88	238.69	365.86	613.43	597.93	682.08	610.47	719.96	5,885.15
1954	Above Normal	371.13	458.42	227.07	428.06	613.32	599.95	724.60	495.75	495.15	751.31	519.59	486.61	6,170.96
1955	Dry	295.18	264.21	190.34	301.44	155.94	171.39	308.24	415.86	490.90	640.88	543.64	344.61	4,122.63
1956	Wet	256.52	188.60	698.48	752.12	653.24	298.91	396.89	731.49	624.09	624.09	494.10	661.89	6,380.42
1957	Above Normal	421.03	394.90	188.36	184.78	156.54	491.55	325.39	553.08	509.85	748.21	518.85	457.79	4,950.33
1958	Wet	316.70	381.18	468.89	595.41	855.79	891.32	603.96	771.30	642.00	826.74	714.27	650.53	7,718.09
1959	Below Normal	454.24	378.86	185.35	368.77	447.01	186.85	409.74	493.21	647.71	795.06	575.23	321.66	5,263.69
1960	Dry	300.33	215.45	181.18	153.06	151.31	220.70	336.83	371.17	530.86	646.25	512.86	337.53	3,957.53
1961	Dry	276.77	201.79	224.96	148.23	319.76	239.45	297.27	430.16	495.84	676.73	537.50	357.15	4,205.61
1962	Below Normal	284.79	229.72	167.58	152.01	452.81	206.08	349.37	461.91	536.75	669.46	535.36	317.84	4,363.68
1963	Wet	321.07	249.73	341.01	229.27	391.29	247.57	799.46	526.32	497.08	720.42	494.54	531.36	5,349.12
1964	Dry	258.86	351.52	243.43	238.74	199.09	182.82	447.62	457.56	516.46	731.87	568.67	310.10	4,506.74
1965	Wet	235.99	186.85	631.42	711.19	225.71	206.93	401.77	532.69	573.75	704.98	475.08	591.99	5,478.35
1966	Below Normal	359.69	320.59	185.91	192.11	168.72	402.85	427.76	492.15	578.43	720.32	611.24	363.67	4,823.44
1967	Wet	343.39	202.60	419.57	487.32	367.74	707.66	460.18	831.53	606.13	728.61	689.71	664.84	6,509.28
1968	Below Normal	431.68	343.98	192.81	218.13	531.64	204.92	375.96	482.40	553.64	752.93	473.64	351.88	4,913.61
1969	Wet	257.25	187.22	184.53	713.96	661.35	309.51	575.75	806.09	680.30	730.77	650.58	626.41	6,383.72
1970	Wet	353.67	232.77	812.81	1,076.95	544.49	292.25	417.31	518.73	590.35	786.02	534.21	623.49	6,783.05
1971	Wet	321.01	227.49	272.26	542.32	205.60	704.13	379.64	571.13	556.28	559.44	516.00	644.82	5,500.12
1972	Below Normal	431.76	332.29	192.62	245.59	192.89	709.57	383.75	473.11	554.93	723.16	514.98	337.55	5,092.20
1973	Above Normal	284.71	215.10	285.81	597.73	646.58	329.17	320.08	538.59	583.40	742.14	576.57	445.97	5,565.85
1974	Wet	250.22	778.65	800.83	956.22	245.92	871.79	464.80	563.20	605.16	607.13	679.91	636.24	7,460.07
1975	Wet	436.28	391.92	190.81	173.39	188.59	791.17	309.69	649.15	624.66	688.50	610.93	656.92	5,712.01
1976	Critical	462.54	404.82	208.71	354.39	205.80	169.32	288.51	404.40	526.54	708.76	394.79	241.94	4,370.52
1977	Critical	293.38	207.57	234.47	175.83	211.26	187.19	346.92	241.04	409.08	457.73	465.36	105.65	3,335.48
1978	Above Normal	305.15	91.35	89.11	161.09	314.14	561.33	342.04	570.10	592.61	678.32	508.30	329.28	4,542.82
1979	Below Normal	273.99	285.30	188.19	189.96	146.13	187.96	256.11	469.58	580.23	614.24	448.11	343.82	3,983.62
1980	Above Normal	187.19	213.03	178.25	675.98	678.51	272.88	313.53	515.52	666.62	678.76	598.15	430.81	5,409.23
1981	Dry	289.82	287.48	184.02	187.18	140.56	146.30	247.92	471.13	620.84	705.78	536.48	299.60	4,117.11
1982	Wet	221.32	346.29	709.94	378.01	757.01	693.56	825.30	532.12	594.27	680.20	541.76	515.87	6,795.65
1983	Wet	530.06	449.95	671.39	872.30	859.84	1,059.40	631.54	832.59	1,032.88	1,021.72	840.70	743.85	9,546.22
1984	Wet	490.58	756.06	945.15	520.39	291.87	472.49	361.52	551.73	584.30	761.50	480.02	621.04	6,836.65
1985	Dry	276.96	273.28	233.81	293.83	140.36	163.66	350.51	533.70	605.63	726.45	620.30	306.55	4,525.04
1986	Wet	264.13	200.90	164.47	190.46	647.62	844.36	444.48	528.45	627.51	724.41	583.01	474.37	5,694.17
1987	Dry	255.77	280.65	194.54	164.01	140.50	147.00	364.20	479.80	733.19	742.88	516.87	303.60	4,323.01
1988	Critical	236.15	153.04	130.80	141.21	199.25	166.21	269.34	336.09	495.37	598.85	434.51	227.15	3,387.97
1989	Dry	212.12	116.12	122.98	188.12	114.89	275.73	248.69	511.15	511.32	637.48	407.98	214.93	3,561.51
1990	Critical	177.61	152.79	157.28	136.72	124.97	161.62	313.35	292.65	375.90	527.55	440.37	215.54	3,076.35
1991	Critical	190.20	150.25	124.06	163.31	112.12	116.72	167.46	281.03	326.56	458.19	370.21	148.08	2,608.19
1992	Critical	156.15	152.42	101.60	101.01	107.82	112.29	169.02	403.90	428.05	536.84	525.07	319.04	3,113.21
1993	Above Normal	211.74	226.38	93.06	111.70	190.11	238.89	282.82	421.91	518.78	553.29	459.20	443.20	3,751.08
1994	Critical	250.38	271.29	176.50	147.40	130.89	168.58	357.90	349.03	518.91	613.94	465.93	209.99	3,660.74
1995	Wet	189.19	148.83	118.76	491.20	305.10	755.08	435.06	729.55	609.11	593.91	689.11	618.21	5,683.11
1996	Wet	462.94	331.53	272.78	319.85	770.24	607.28	368.88	717.92	538.87	661.36	502.07	580.76	6,134.48
1997	Wet	361.79	373.22	851.28	1,005.22	391.73	254.37	490.85	573.80	608.46	765.41	493.95	564.03	6,734.11
1998	Wet	349.15	266.28	177.92	408.18	717.09	797.59	398.51	827.99	1,063.57	969.09	820.98	713.24	7,509.59
1999	Wet	474.59	478.05	493.89	424.18	746.80	615.19	318.75	648.87	594.95	693.83	522.45	625.63	6,637.18
2000	Above Normal	408.69	441.55	201.09	320.41	762.53	410.33	463.41	529.24	553.47	777.83	522.16	539.66	5,930.37
2001	Dry	302.81	348.35	191.90	170.67	127.26	143.70	286.70	524.04	654.07	766.00	571.22	283.31	4,370.03
2002	Dry	387.60	176.10	174.88	365.91	185.35	195.41	354.17	502.03	573.61	636.33	498.76	318.26	4,368.41
2003	Above Normal	304.60	222.25	392.59	526.16	164.47	166.90	443.26	730.30	525.90	817.70	483.48	526.41	5,304.02
	Average	299.78	265.18	274.33	327.24	329.81	348.09	382.28	516.17	556.42	671.52	534.24	420.75	4,925.82
	Wet	334.40	323.23	454.68	556.99	534.18	570.31	499.98	658.52	633.10	727.18	605.46	635.13	6,533.14
	Above Normal	326.69	294.55	227.42	324.14	429.39	411.52	393.97	541.26	571.48	721.64	539.94	461.22	5,243.21
	Below Normal	291.94	240.55	210.05	202.24	247.01	250.51	323.09	477.12	535.87	662.71	505.48	325.90	4,272.47
	Dry	274.79	228.79	176.98	194.98	158.92	191.44	316.54	449.17	549.81	664.03	518.76	298.24	4,022.45
	Critical	244.53	193.36	151.47	176.78	140.41	151.99	283.27	328.72	409.12	522.32	431.00	210.21	3,243.17

Difference in Energy generated (GWh) at Syst. Tot.: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.22)	16.17	1.00	(4.94)	2.81	0.00	1.23
1923	Below Normal	5.33	21.72	(3.87)	(0.36)	(1.96)	(0.38)	(1.88)	(17.06)	(16.29)	(1.20)	(8.06)	(13.52)	(3.13)
1924	Critical	(5.03)	(12.34)	(12.48)	(65.85)	0.59	1.40	(22.33)	2.47	1.16	13.10	7.83	47.50	(3.67)
1925	Dry	0.94	0.86	0.80	1.46	0.20	0.47	(1.19)	(1.31)	(2.44)	(5.58)	(1.49)	(14.71)	(1.83)
1926	Dry	1.22	1.48	0.75	0.70	2.76	1.24	1.22	3.87	5.49	65.53	0.78	4.04	7.42
1927	Wet	0.58	0.82	1.15	(8.06)	0.46	0.05	(0.38)	(0.36)	1.09	(0.57)	0.85	(0.31)	(0.39)
1928	Above Normal	0.52	(0.48)	0.05	0.04	0.03	(0.95)	0.50	0.85	0.49	7.54	0.78	0.85	0.85
1929	Critical	0.24	0.45	0.08	0.36	8.23	(0.04)	0.15	0.25	0.30	0.38	0.40	0.22	0.92
1930	Dry	0.26	0.05	5.20	0.21	0.16	(0.08)	0.34	0.48	0.64	1.61	(1.64)	(2.46)	0.40
1931	Critical	0.19	0.16	0.17	0.16	0.17	0.14	0.34	0.41	0.29	0.56	4.22	0.63	0.62
1932	Dry	0.14	(1.70)	0.71	(0.36)	3.71	0.05	0.04	(0.10)	(0.16)	0.06	0.31	0.18	0.24
1933	Critical	(0.02)	(0.16)	0.11	0.11	0.09	0.07	0.10	0.13	(0.02)	0.22	0.28	0.29	0.10
1934	Critical	2.28	0.87	0.03	0.12	0.09	0.09	0.18	(1.82)	0.27	(3.05)	(1.89)	(0.82)	(0.30)
1935	Below Normal	10.93	0.00	0.00	0.00	0.00	0.00	0.01	0.05	1.53	0.11	0.07	(0.04)	1.06
1936	Below Normal	0.02	(0.05)	0.00	(0.06)	0.00	0.01	3.55	18.41	(1.39)	(0.17)	(1.48)	(0.09)	1.56
1937	Below Normal	(0.08)	(0.09)	(0.01)	(0.01)	(0.01)	(0.01)	1.62	6.43	24.12	(1.88)	(2.33)	0.02	2.31
1938	Wet	0.00	0.01	0.40	0.00	0.00	0.00	4.28	18.71	(1.25)	(6.76)	(1.87)	(1.48)	1.00
1939	Dry	(1.29)	16.09	(5.20)	(0.23)	(0.32)	(0.49)	(3.61)	(3.44)	(1.78)	(3.68)	(12.01)	10.11	(0.49)
1940	Above Normal	13.16	0.43	(0.29)	(0.13)	(0.45)	(0.02)	1.07	8.81	0.98	(0.12)	4.45	11.31	3.27
1941	Wet	0.13	(2.58)	(14.62)	(3.16)	(0.02)	(5.41)	(0.66)	0.70	(1.07)	(1.86)	(1.12)	(0.01)	(2.47)
1942	Wet	(0.93)	0.80	(0.11)	0.01	0.00	0.00	(0.38)	(0.84)	(0.42)	12.04	(2.32)	(0.04)	0.65
1943	Wet	0.02	(0.44)	0.10	(0.54)	0.00	0.00	5.18	4.84	(8.85)	(5.21)	(3.61)	3.16	(0.45)
1944	Dry	(1.49)	14.09	(0.42)	(0.41)	(0.27)	7.40	(0.79)	(0.96)	(0.61)	(2.83)	(3.86)	(0.56)	0.77
1945	Below Normal	(0.20)	(0.33)	(0.37)	(0.36)	(0.03)	(0.10)	(15.98)	(18.27)	(17.15)	(0.49)	(4.40)	(23.73)	(6.78)
1946	Below Normal	(11.82)	23.47	2.64	0.02	0.01	0.00	(1.11)	(1.32)	(1.60)	(1.31)	(0.93)	0.96	0.75
1947	Dry	(1.39)	0.04	0.04	0.04	0.04	0.25	0.22	0.34	0.49	0.31	0.31	1.27	0.16
1948	Below Normal	0.06	(0.01)	(0.01)	0.00	0.02	(0.01)	(0.01)	(0.23)	(0.14)	0.11	(0.05)	(0.19)	(0.04)
1949	Dry	(0.14)	(0.03)	0.00	0.00	0.00	0.17	0.04	0.05	0.01	0.03	(0.69)	0.01	(0.05)
1950	Below Normal	0.01	0.05	0.03	0.65	(0.01)	0.00	(0.02)	(0.07)	(0.08)	0.96	(0.04)	(0.04)	0.12
1951	Above Normal	1.76	0.00	0.00	(0.01)	(0.93)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.07
1952	Wet	(0.01)	(0.04)	0.06	0.00	0.00	0.00	8.61	5.06	(0.88)	(4.14)	(3.25)	0.00	0.45
1953	Wet	1.74	36.58	(31.87)	(5.12)	0.00	0.00	(0.66)	(0.56)	(0.83)	(0.84)	(0.84)	(0.01)	(0.20)
1954	Above Normal	(0.14)	(3.65)	0.07	3.37	0.52	0.00	0.32	0.75	0.47	0.35	0.03	0.01	0.18
1955	Dry	(0.27)	0.73	(0.01)	0.32	(0.01)	0.00	(0.09)	(0.19)	(0.22)	(0.15)	(0.28)	(1.73)	(0.16)
1956	Wet	(0.04)	0.12	0.12	(0.12)	0.00	0.00	0.00	(0.01)	(0.02)	(0.04)	(0.09)	0.06	0.00
1957	Above Normal	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.01	(0.01)	0.01	0.01
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	9.22	3.18	(2.82)	(5.12)	(3.49)	(0.05)	0.08
1959	Below Normal	0.00	2.38	(0.06)	(2.21)	(0.33)	(0.01)	4.56	(1.66)	(0.95)	0.12	0.19	0.01	0.17
1960	Dry	(0.18)	0.01	(0.05)	(0.04)	(0.03)	0.02	0.09	0.20	0.15	0.06	0.44	0.07	0.06
1961	Dry	(0.03)	(0.01)	(0.14)	(0.01)	0.00	0.00	0.03	0.07	0.10	0.06	(0.02)	(0.07)	0.00
1962	Below Normal	0.00	0.00	0.00	(0.03)	0.10	0.00	(0.02)	(0.01)	(0.02)	(0.01)	(0.02)	(0.01)	0.00
1963	Wet	0.06	0.00	0.00	0.00	(0.57)	0.00	(0.23)	(0.37)	(0.44)	(0.32)	(0.21)	(0.69)	(0.23)
1964	Dry	0.42	0.55	(0.51)	(0.24)	0.04	0.01	0.12	0.14	0.18	0.14	0.30	0.03	0.10
1965	Wet	0.00	0.01	0.05	0.05	0.00	0.00	(0.74)	(3.52)	(3.61)	(2.92)	(0.37)	(0.07)	(0.93)
1966	Below Normal	0.18	(4.38)	0.14	0.13	0.10	6.06	6.01	(0.44)	(0.50)	(0.04)	1.15	(1.62)	0.57
1967	Wet	(0.61)	(0.06)	0.03	0.00	0.00	0.00	8.91	3.83	(0.76)	14.04	(5.00)	3.92	2.03
1968	Below Normal	(3.50)	57.76	(2.48)	(1.22)	(59.76)	0.00	(0.25)	(1.10)	(1.20)	0.16	(0.05)	(0.04)	(0.97)
1969	Wet	(0.10)	(0.24)	(0.32)	(0.03)	0.00	0.00	3.63	(0.01)	(0.05)	0.57	0.24	(0.96)	0.23
1970	Wet	(1.35)	0.13	(1.09)	0.00	0.00	0.00	0.00	0.04	0.29	(10.38)	0.00	(0.01)	(1.03)
1971	Wet	0.61	(1.06)	0.31	0.00	0.00	(0.23)	(0.08)	(0.17)	(0.09)	(0.03)	0.03	(0.01)	(0.06)
1972	Below Normal	0.08	(0.11)	0.01	0.00	0.00	0.04	0.02	0.04	0.04	0.02	0.01	0.02	0.01
1973	Above Normal	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	17.46	(0.63)	(1.97)	(0.97)	21.98	2.99
1974	Wet	(19.29)	(4.32)	0.00	0.00	0.00	0.00	5.99	(1.37)	(4.53)	9.85	(2.37)	0.00	(1.34)
1975	Wet	0.00	(3.38)	0.08	0.08	0.53	0.13	0.50	1.18	0.75	0.79	0.11	0.03	0.07
1976	Critical	(0.02)	0.82	(0.02)	(0.01)	(0.01)	(0.01)	(0.06)	(0.14)	1.42	1.57	(1.15)	0.04	0.20
1977	Critical	(1.23)	(1.28)	(0.66)	0.32	(0.39)	0.02	0.02	(0.17)	(0.22)	(0.17)	0.21	(0.01)	(0.30)
1978	Above Normal	(0.25)	(0.03)	0.00	0.00	0.05	0.01	3.21	0.23	(5.57)	11.28	(1.26)	0.01	0.64
1979	Below Normal	0.01	36.22	9.84	7.93	(10.71)	(0.36)	(0.43)	19.61	(5.37)	(6.68)	(0.24)	6.72	4.71
1980	Above Normal	(9.53)	(14.41)	(0.02)	(0.04)	(0.03)	(0.05)	(7.08)	(0.93)	(0.36)	31.50	(39.03)	19.23	(1.73)
1981	Dry	(6.95)	(33.88)	0.47	0.40	0.30	0.16	0.01	0.29	0.15	(9.75)	(18.42)	(2.08)	(5.77)
1982	Wet	0.30	15.39	(0.01)	(4.90)	0.02	0.00	0.00	6.25	(0.54)	(1.99)	(1.73)	0.00	1.07
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00
1985	Dry	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00
1986	Wet	(0.01)	(0.03)	0.00	0.00	0.00	0.01	0.40	2.93	1.09	(1.02)	(1.74)	(0.88)	0.06
1987	Dry	(0.06)	10.90	(0.12)	(0.09)	(0.06)	(0.11)	(0.83)	(1.54)	18.42	(1.12)	(8.01)	(3.24)	1.18
1988	Critical	(3.75)	0.00	(0.07)	(0.08)	(0.77)	(0.20)	(2.16)	(0.29)	(0.42)	(1.36)	(0.41)	(0.22)	(0.81)
1989	Dry	(0.08)	(0.08)	(0.09)	(1.06)	(0.05)	(0.02)	0.06	(0.12)	(0.07)	(0.18)	0.14	(0.16)	(0.14)
1990	Critical	(0.06)	(0.05)	(0.06)	(0.04)	(0.04)	(0.05)	(0.09)	(0.15)	(0.14)	(0.14)	(0.10)	(0.10)	(0.09)
1991	Critical	(0.05)	(0.03)	(0.09)	0.01	(0.07)	(0.06)	(0.10)	(0.18)	(0.14)	(1.34)	0.57	(0.07)	(0.13)
1992	Critical	0.01	0.08	(0.05)	(0.05)	(0.03)	(0.02)	(0.08)	(0.13)	(0.18)	(0.32)	(0.17)	1.94	0.08
1993	Above Normal	(0.02)	0.01	(0.03)	(0.02)	(0.02)	(0.02)	(0.24)	(0.40)	(0.33)	(0.35)	(0.52)	(0.06)	(0.17)
1994	Critical	0.00	(0.51)	(0.01)	0.00	(0.01)	0.03	0.06	(1.06)	(0.98)	(0.06)	(0.02)	0.04	(0.21)
1995	Wet	0.03	0.03	(0.02)	(0.37)	0.00	(0.01)	1.55	9.85	(8.52)	(16.18)	(5.97)	0.00	(1.63)
1996	Wet	0.07	38.96	(9.75)	(5.74)	(1.19)	0.00	(0.28)	5.91	11.55	(1.29)	(4.68)	(0.01)	2.80
1997	Wet	0.33	1.30	(0.10)	0.00	0.00	0.00	5.28	(1.35)	(2.52)	0.90	(9.79)	(1.67)	(0.64)
1998	Wet	4.64	(17.96)	9.56	22.99	(0.01)	(1.87)	1.78	2.39	(2.20)	(2.20)	(0.37)	0.00	1.40
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.52	0.69	0.54	0.28	0.01	0.19
2000	Above Normal	1.89	(1.34)	0.25	(1.43)	0.00	0.00	(0.16)	(0.41)	(0.28)	(0.80)	(0.28)	0.01	(0.21)
2001	Dry	(0.15)	(0.03)	1.19	(0.01)	(0.01)	(0.01)	0.00	0.16	(0.20)	(0.39)	(0.46)	0.01	0.01
2002	Dry	(0.72)	0.01	0.03	0.31	0.00	0.00	(0.01)	(0.09)	(0.07)	(0.02)	0.01	1.98	0.12
2003	Above Normal	0.84	0.08	(3.22)	0.00	0.00	0.00	(0.04)	(0.08)	(0.05)	0.46	(0.01)	0.17	(0.15)
	Average	(0.27)	2.18	(0.66)	(0.76)	(0.73)	0.09	0.21	1.23	(0.31)	0.78	(1.61)	0.79	0.08
	Wet	(0.53)	2.46	(1.77)	(0.19)	(0.03)	(0.28)	2.01	2.19	(0.92)	(0.85)	(1.82)	0.04	0.03
	Above Normal	0.68	(1.61)	(0.27)	0.15	(0.07)	(0.08)	(0.22)	3.54	(0.36)	3.58	(2.83)	4.46	0.58
	Below Normal	0.07	9.76	0.42	0.32	(5.18)	0.37	(0.28)	0.31	(1.36)	(0.74)	(1.16)	(2.25)	0.02
	Dry	(0.54)	0.50	0.15	0.05	0.36	0.50	(0.24)	(0.12)	1.11	2.45	(2.48)	(0.41)	0.11
	Critical	(0.62)	(1.00)	(1.09)	(5.41)	0.65	0.11	(2.00)	(0.06)	0.11	0.78	0.81	4.12	(0.30)

Percent Difference in Energy generated (GWh) at Syst. Tot.: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	3%	0%	-1%	0%	0%
1923	Below Normal	2%	7%	-2%	0%	-1%	0%	-1%	-3%	-3%	0%	-1%	-4%
1924	Critical	-2%	-6%	-7%	-22%	0%	1%	-6%	1%	0%	3%	2%	27%
1925	Dry	1%	1%	1%	1%	0%	0%	0%	0%	0%	-1%	0%	-5%
1926	Dry	0%	1%	0%	0%	2%	1%	1%	1%	1%	12%	0%	1%
1927	Wet	0%	1%	1%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1929	Critical	0%	0%	0%	0%	7%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1932	Dry	0%	-2%	1%	0%	3%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	1%	1%	0%	0%	0%	0%	0%	-1%	0%	-1%	0%	0%
1935	Below Normal	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	1%	4%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	1%	2%	6%	0%	-1%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	1%	3%	0%	-1%	0%	0%
1939	Dry	0%	6%	-2%	0%	0%	0%	-1%	-1%	0%	0%	-2%	3%
1940	Above Normal	5%	0%	0%	0%	0%	0%	0%	2%	0%	0%	1%	3%
1941	Wet	0%	-1%	-5%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	1%	1%	-2%	-1%	-1%	0%
1944	Dry	0%	4%	0%	0%	0%	3%	0%	0%	0%	0%	-1%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	-5%	-4%	-3%	0%	-1%	-7%
1946	Below Normal	-5%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%	0%
1953	Wet	0%	11%	-13%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	-1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	2%	0%	0%	-1%	0%	0%
1959	Below Normal	0%	1%	0%	-1%	0%	0%	1%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	2%	1%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	2%	0%	0%	2%	-1%	1%
1968	Below Normal	-1%	20%	-1%	-1%	-10%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%	5%
1974	Wet	-7%	-1%	0%	0%	0%	0%	1%	0%	-1%	2%	0%	0%
1975	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	1%	0%	-1%	2%	0%	0%
1979	Below Normal	0%	15%	6%	4%	-7%	0%	0%	4%	-1%	-1%	0%	2%
1980	Above Normal	-5%	-6%	0%	0%	0%	0%	-2%	0%	0%	5%	-6%	5%
1981	Dry	-2%	-11%	0%	0%	0%	0%	0%	0%	0%	-1%	-3%	-1%
1982	Wet	0%	5%	0%	-1%	0%	0%	0%	1%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
1987	Dry	0%	4%	0%	0%	0%	0%	0%	0%	3%	0%	-2%	-1%
1988	Critical	-2%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	1%	-1%	-3%	-1%	0%
1996	Wet	0%	13%	-3%	-2%	0%	0%	0%	1%	2%	0%	-1%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	-2%	0%
1998	Wet	1%	-6%	6%	6%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	-1%	0%	0%	0%	0%	0%	1%	0%	1%	0%	1%
	Below Normal	0%	4%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	-1%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	-1%	-2%	1%	0%	-1%	0%	0%	0%	0%	2%

Energy generated (GWh) at Tot. Loss: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	20.78	13.15	7.70	6.81	10.01	10.03	12.91	23.97	26.69	26.41	24.37	22.22	205.05
1923	Below Normal	11.78	12.68	11.13	9.37	8.34	7.69	9.38	23.92	23.19	27.98	22.63	14.71	182.80
1924	Critical	12.19	8.81	8.12	12.84	5.66	7.28	13.94	12.79	13.92	18.10	15.08	7.25	135.98
1925	Dry	5.38	4.20	4.47	11.01	8.72	6.55	9.88	17.66	21.02	27.01	19.16	11.68	146.74
1926	Dry	9.86	7.52	6.80	6.23	6.85	6.03	8.34	14.44	21.01	23.53	18.20	11.17	139.98
1927	Wet	8.09	6.11	7.79	10.08	30.71	11.00	21.12	23.16	23.47	27.98	21.34	27.83	218.68
1928	Above Normal	13.21	13.80	7.95	8.59	6.29	24.81	10.28	17.26	22.65	28.45	22.96	21.44	197.69
1929	Critical	11.51	10.33	6.61	14.48	5.23	6.32	10.89	12.84	17.00	24.39	19.90	10.08	149.58
1930	Dry	8.04	6.14	5.54	5.58	5.24	7.24	9.65	13.71	19.58	22.10	19.20	9.88	131.90
1931	Critical	8.15	6.31	5.83	5.58	4.97	5.70	13.38	11.70	12.20	17.91	18.90	6.65	117.28
1932	Dry	8.79	4.54	3.81	4.02	5.17	6.00	8.42	10.67	14.54	17.04	14.99	8.10	106.09
1933	Critical	7.28	6.06	5.10	4.90	4.22	4.96	8.41	10.55	12.98	17.34	13.86	7.94	103.60
1934	Critical	8.89	4.37	4.12	4.29	4.06	4.80	10.18	12.42	13.46	17.28	17.30	9.89	111.06
1935	Below Normal	8.57	3.70	3.76	3.97	3.91	5.27	9.40	12.23	17.71	23.30	14.08	9.43	115.33
1936	Below Normal	8.05	6.30	5.86	8.65	11.32	10.26	11.89	16.55	18.61	25.23	18.12	14.03	154.87
1937	Below Normal	9.33	7.63	6.08	5.51	6.03	7.90	8.66	13.90	15.49	25.18	17.58	11.43	134.72
1938	Wet	7.66	8.13	26.92	7.84	29.34	34.04	24.17	25.91	26.44	22.13	24.36	25.75	262.69
1939	Dry	16.41	11.42	9.46	6.73	7.07	5.70	15.43	19.00	26.17	31.89	26.51	16.25	192.04
1940	Above Normal	11.54	10.37	5.77	7.39	30.94	33.03	12.48	17.95	22.82	32.17	23.16	16.45	224.07
1941	Wet	11.61	10.46	12.75	31.67	30.56	27.01	25.94	33.30	23.39	32.46	28.97	31.80	299.92
1942	Wet	17.35	15.88	28.74	33.68	32.59	9.40	13.45	26.62	22.48	27.23	27.05	31.18	285.65
1943	Wet	16.78	18.45	11.12	21.91	17.45	28.55	13.54	19.48	21.21	30.77	21.54	28.24	249.04
1944	Dry	14.47	15.18	7.68	7.63	6.04	9.15	12.47	12.35	20.19	30.33	22.22	11.66	169.37
1945	Below Normal	8.62	7.21	6.22	6.44	11.60	9.01	11.52	17.24	21.30	27.63	21.41	14.53	162.73
1946	Below Normal	10.30	7.97	32.31	14.79	8.16	9.58	14.88	20.28	22.71	28.32	23.24	15.35	207.89
1947	Dry	12.21	9.20	7.72	7.07	5.63	7.38	11.52	18.35	19.28	26.97	22.61	11.50	159.44
1948	Below Normal	7.82	6.62	6.70	5.95	6.08	6.82	7.58	22.16	20.02	21.61	22.10	13.49	146.95
1949	Dry	10.72	8.24	7.63	7.23	5.67	15.01	11.82	17.46	21.85	27.36	23.04	14.66	170.69
1950	Below Normal	12.27	9.52	8.17	8.63	10.11	9.52	11.85	17.33	19.58	26.36	19.51	13.62	166.47
1951	Above Normal	14.01	18.45	25.83	15.92	25.29	10.57	18.44	17.63	21.36	31.39	22.73	18.36	239.98
1952	Wet	12.86	13.27	18.51	18.25	29.87	21.95	41.53	26.24	22.24	32.86	28.17	26.71	292.46
1953	Wet	18.59	14.31	10.57	36.22	8.44	8.37	12.67	23.09	22.96	28.12	25.35	31.02	239.71
1954	Above Normal	15.41	20.25	9.85	18.74	27.00	26.18	28.66	18.26	19.47	31.35	21.53	20.70	257.40
1955	Dry	11.97	11.50	8.26	13.29	6.56	6.94	11.48	14.80	18.38	26.58	22.51	14.58	166.85
1956	Wet	10.50	8.19	31.43	33.85	29.15	11.20	14.00	27.82	24.15	24.58	19.32	28.47	262.66
1957	Above Normal	17.68	17.13	8.09	7.92	6.46	21.03	11.24	21.31	20.24	31.45	21.32	19.35	203.22
1958	Wet	13.38	16.57	20.74	26.48	38.40	38.64	24.98	30.34	25.29	32.82	28.98	27.21	323.83
1959	Below Normal	18.93	16.29	7.95	16.30	19.05	7.53	14.72	18.21	26.10	33.54	23.92	13.71	216.25
1960	Dry	12.25	9.11	7.79	6.52	6.50	8.89	12.34	13.71	21.19	27.37	21.56	14.24	161.47
1961	Dry	11.55	8.82	9.87	6.39	13.91	10.08	10.75	16.27	19.00	28.83	22.91	15.26	173.64
1962	Below Normal	11.89	10.07	7.27	6.56	20.32	8.80	13.38	17.79	21.38	28.29	22.49	13.33	181.57
1963	Wet	13.65	10.86	15.08	10.06	17.31	10.61	33.90	19.79	19.90	30.35	20.49	22.79	224.79
1964	Dry	11.02	15.53	10.69	10.50	8.46	7.16	16.95	16.87	20.16	30.93	24.04	12.99	185.30
1965	Wet	9.98	8.15	28.06	31.94	9.88	8.57	15.04	19.28	21.58	29.00	19.58	25.36	226.42
1966	Below Normal	14.85	14.27	8.04	8.31	7.28	17.07	16.32	18.39	22.92	30.36	25.71	15.37	198.89
1967	Wet	14.40	8.83	18.66	21.80	15.60	30.13	18.26	33.31	24.03	28.71	27.74	28.29	269.76
1968	Below Normal	18.17	12.48	8.40	9.49	26.04	8.73	13.14	17.46	21.61	31.53	19.40	14.56	201.01
1969	Wet	10.51	8.06	8.00	32.13	29.76	11.84	22.78	32.10	25.71	27.67	24.07	25.77	258.40
1970	Wet	14.73	9.41	35.47	43.73	22.17	11.15	14.67	17.91	21.80	32.41	21.47	26.67	271.59
1971	Wet	13.14	9.93	12.03	24.08	8.89	29.58	13.63	21.61	21.57	22.79	21.14	27.67	226.06
1972	Below Normal	18.20	14.54	8.36	10.69	8.18	30.61	13.68	17.29	21.98	30.61	21.55	14.21	209.90
1973	Above Normal	11.84	9.38	12.57	26.80	29.06	14.55	10.85	19.12	22.57	30.71	23.76	17.60	228.81
1974	Wet	11.35	34.96	35.79	42.77	10.72	37.53	17.29	19.97	23.25	23.59	28.17	27.20	312.59
1975	Wet	18.58	17.30	8.20	7.41	8.17	34.01	10.23	24.26	24.35	27.95	25.44	28.13	234.03
1976	Critical	19.84	17.64	9.01	15.55	8.71	6.15	9.97	14.56	20.91	29.77	15.63	9.70	177.44
1977	Critical	12.40	9.09	10.30	7.60	8.85	7.03	13.91	8.92	16.31	18.84	19.90	4.00	137.15
1978	Above Normal	12.91	3.83	3.74	7.15	13.99	24.93	13.25	22.13	24.39	27.19	20.42	13.91	187.84
1979	Below Normal	11.11	10.91	7.73	7.94	6.95	8.08	7.95	15.99	21.75	25.35	18.04	13.96	155.76
1980	Above Normal	7.89	9.89	7.66	30.28	30.44	10.43	10.87	18.38	25.86	25.57	25.53	16.72	219.52
1981	Dry	11.89	13.81	7.87	8.06	5.94	6.13	7.85	17.13	24.70	29.97	22.98	12.34	168.67
1982	Wet	9.01	14.56	31.67	17.18	32.23	27.90	34.28	19.28	22.47	24.84	19.37	19.96	272.75
1983	Wet	21.97	17.70	27.30	35.30	34.37	42.01	25.93	34.15	39.55	38.80	33.28	30.21	380.57
1984	Wet	20.64	30.72	37.71	20.88	10.95	19.05	11.96	19.40	21.62	31.33	19.05	26.57	269.88
1985	Dry	11.58	11.95	10.16	12.83	5.99	6.73	12.25	19.37	23.94	30.04	25.80	12.61	183.25
1986	Wet	10.84	8.70	7.06	8.23	29.14	33.78	16.89	19.35	24.73	28.74	23.35	18.68	229.49
1987	Dry	10.26	11.42	8.27	6.86	5.85	6.22	12.91	17.76	29.24	31.64	21.59	12.76	174.78
1988	Critical	9.88	6.57	5.60	6.06	8.32	6.31	10.37	12.76	19.92	25.65	18.27	9.17	138.88
1989	Dry	8.56	4.96	5.26	8.22	4.67	11.75	9.02	20.11	20.74	27.09	16.75	9.04	146.17
1990	Critical	7.40	6.57	6.83	5.90	5.24	6.17	12.08	11.28	14.54	22.49	18.65	8.64	125.79
1991	Critical	8.04	6.39	5.36	7.11	4.57	5.00	6.11	10.50	12.86	19.15	15.85	6.19	107.13
1992	Critical	6.73	6.65	4.36	4.36	4.74	4.83	6.07	16.69	18.39	23.76	23.28	13.83	133.69
1993	Above Normal	9.35	10.05	3.85	4.80	8.44	10.54	10.78	16.34	21.56	22.98	19.06	19.01	156.76
1994	Critical	10.51	11.98	7.68	6.32	5.60	6.55	13.91	13.32	20.36	26.15	19.75	8.69	150.82
1995	Wet	7.84	6.47	5.12	22.12	13.36	33.98	17.22	30.10	25.25	24.56	28.23	26.54	240.79
1996	Wet	19.37	12.57	12.36	14.40	34.54	25.47	13.04	28.46	19.91	26.42	20.28	24.69	251.51
1997	Wet	15.22	16.36	36.51	37.50	12.00	8.98	17.33	20.42	23.25	30.70	20.23	24.09	262.59
1998	Wet	14.12	12.40	7.20	17.16	32.27	34.08	14.71	33.88	44.39	38.21	31.54	28.80	308.76
1999	Wet	19.91	20.88	21.30	17.44	30.56	25.67	10.45	24.08	22.22	28.29	21.12	26.75	268.67
2000	Above Normal	16.80	19.33	8.65	14.19	34.27	16.54	17.36	19.59	21.40	31.71	21.22	22.90	243.96
2001	Dry	12.81	15.25	8.20	7.39	5.68	6.16	9.78	19.22	26.23	32.55	23.37	11.65	178.29
2002	Dry	16.29	7.61	7.55	16.12	7.79	8.14	13.20	18.95	22.66	26.68	20.85	13.20	179.04
2003	Above Normal	12.63	9.71	17.56	23.42	6.79	6.88	17.51	29.64	20.40	34.71	20.08	22.65	221.98
	Average	12.47	11.37	11.94	14.21	14.30	14.43	14.28	19.39	21.75	27.46	21.83	17.62	201.06
	Wet	13.93	13.82	19.85	24.00	23.02	23.63	19.19	25.13	24.51	28.97	24.22	26.78	267.05
	Above Normal	13.67	12.95	9.94	14.33	19.08	17.46	14.55	20.13	22.45	29.51	22.18	19.28	215.52
	Below Normal	12.14	10.01	9.14	8.76	10.96	10.49	11.74	17.77	21.03	27.52	20.70	13.70	173.94
	Dry	11.34	9.80	7.61	8.43	6.76	7.85	11.34	16.55	21.66	27.66	21.57	12.42	162.98
	Critical	10.24	8.40	6.58	7.92	5.85	5.93	10.77	12.36	16.07	21.74	18.03	8.50	132.37

Energy generated (GWh) at Tot. Loss: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	20.78	13.15	7.70	6.81	10.01	10.03	12.91	24.14	26.70	26.36	24.40	22.22	205.21
1923	Below Normal	12.02	13.66	10.95	9.35	8.26	7.68	9.31	23.17	22.47	27.95	22.17	14.10	181.09
1924	Critical	11.96	8.26	7.55	9.88	5.68	7.34	12.94	12.92	14.07	18.42	15.78	9.38	134.18
1925	Dry	5.42	4.24	4.51	11.08	8.73	6.57	9.88	17.71	20.98	26.80	19.24	11.02	146.18
1926	Dry	9.92	7.58	6.83	6.26	6.97	6.06	8.36	14.59	21.22	26.55	18.24	11.35	143.93
1927	Wet	8.12	6.15	7.84	9.72	30.73	11.00	21.12	23.17	23.49	27.98	21.42	27.81	218.55
1928	Above Normal	13.23	13.78	7.96	8.59	6.29	24.77	10.28	17.30	22.68	28.78	23.00	21.48	198.14
1929	Critical	11.52	10.35	6.62	14.50	5.60	6.32	10.90	12.85	17.02	24.40	19.92	10.09	150.09
1930	Dry	8.05	6.14	5.78	5.59	5.24	7.24	9.66	13.72	19.60	22.18	19.12	9.76	132.08
1931	Critical	8.16	6.32	5.84	5.59	4.98	5.71	13.39	11.72	12.22	17.95	19.09	6.68	117.65
1932	Dry	8.79	4.47	3.85	4.00	5.34	6.01	8.43	10.67	14.54	17.05	15.01	8.11	106.27
1933	Critical	7.28	6.05	5.11	4.90	4.22	4.96	8.41	10.56	12.98	17.36	13.87	7.95	103.65
1934	Critical	8.99	4.41	4.12	4.29	4.07	4.80	10.18	12.34	13.47	17.14	17.22	9.85	110.88
1935	Below Normal	9.06	3.70	3.76	3.97	3.91	5.27	9.40	12.23	17.72	23.30	14.08	9.43	115.83
1936	Below Normal	8.05	6.30	5.86	8.65	11.32	10.26	11.92	16.73	18.59	25.27	18.10	14.02	155.07
1937	Below Normal	9.33	7.63	6.08	5.51	6.03	7.90	8.67	13.96	15.73	25.14	17.55	11.43	134.96
1938	Wet	7.66	8.13	26.93	7.84	29.34	34.04	24.21	26.09	26.43	21.91	24.39	25.71	262.68
1939	Dry	16.35	12.32	9.23	6.72	7.06	5.69	15.34	19.01	26.30	31.81	26.03	16.71	192.57
1940	Above Normal	12.13	10.39	5.76	7.38	30.92	33.03	12.49	18.04	22.82	32.16	23.40	16.96	225.48
1941	Wet	11.62	10.34	12.09	31.53	30.56	26.77	25.94	33.31	23.38	32.44	28.96	31.80	298.74
1942	Wet	17.31	15.91	28.74	33.68	32.59	9.40	13.45	26.61	22.48	27.35	27.02	31.17	285.71
1943	Wet	16.78	18.43	11.13	21.89	17.45	28.55	13.59	19.53	21.11	30.68	21.49	28.39	249.02
1944	Dry	14.40	15.81	7.66	7.61	6.03	9.48	12.44	12.32	20.17	30.19	22.03	11.64	169.78
1945	Below Normal	8.61	7.20	6.20	6.43	11.60	9.01	10.84	16.47	20.60	27.66	21.25	13.47	159.34
1946	Below Normal	9.77	9.02	32.43	14.79	8.17	9.58	14.85	20.25	22.68	28.30	23.22	15.39	208.45
1947	Dry	12.15	9.20	7.72	7.08	5.63	7.39	11.52	18.36	19.29	26.98	22.63	11.55	159.50
1948	Below Normal	7.83	6.62	6.70	5.95	6.08	6.81	7.58	22.15	20.02	21.62	22.10	13.48	146.94
1949	Dry	10.71	8.24	7.63	7.23	5.67	15.02	11.82	17.46	21.85	27.36	23.01	14.66	170.66
1950	Below Normal	12.27	9.52	8.17	8.66	10.11	9.52	11.85	17.33	19.58	26.40	19.51	13.62	166.54
1951	Above Normal	14.08	18.45	25.83	15.92	25.25	10.57	18.44	17.63	21.36	31.38	22.73	18.36	240.00
1952	Wet	12.86	13.27	18.52	18.25	29.87	21.95	41.62	26.29	22.23	32.82	28.14	26.71	292.53
1953	Wet	18.67	15.95	9.13	35.99	8.44	8.37	12.66	23.08	22.95	28.11	25.35	31.02	239.72
1954	Above Normal	15.41	20.08	9.85	18.89	27.03	26.18	28.66	18.27	19.48	31.35	21.53	20.70	257.43
1955	Dry	11.96	11.53	8.26	13.31	6.56	6.94	11.48	14.80	18.38	26.57	22.49	14.50	166.78
1956	Wet	10.49	8.20	31.43	33.85	29.15	11.20	14.00	27.82	24.15	24.57	19.32	28.47	262.65
1957	Above Normal	17.68	17.13	8.10	7.92	6.46	21.03	11.24	21.31	20.24	31.45	21.32	19.35	203.23
1958	Wet	13.38	16.57	20.74	26.48	38.40	38.64	25.07	30.37	25.26	32.76	28.94	27.21	323.82
1959	Below Normal	18.93	16.40	7.95	16.20	19.04	7.53	14.78	18.20	26.10	33.55	23.93	13.71	216.32
1960	Dry	12.24	9.11	7.79	6.52	6.50	8.89	12.34	13.71	21.19	27.37	21.56	14.25	161.47
1961	Dry	11.55	8.82	9.86	6.39	13.91	10.08	10.75	16.27	19.00	28.83	22.91	15.25	173.62
1962	Below Normal	11.89	10.07	7.27	6.56	20.32	8.80	13.38	17.79	21.38	28.29	22.49	13.33	181.57
1963	Wet	13.65	10.86	15.08	10.06	17.28	10.61	33.90	19.78	19.90	30.35	20.49	22.75	224.71
1964	Dry	11.04	15.56	10.67	10.49	8.47	7.16	16.96	16.88	20.16	30.93	24.05	12.99	185.36
1965	Wet	9.98	8.15	28.06	31.94	9.88	8.57	15.04	19.22	21.52	28.96	19.56	25.36	226.24
1966	Below Normal	14.86	14.07	8.04	8.31	7.29	17.34	16.42	18.40	22.93	30.38	25.77	15.30	199.11
1967	Wet	14.37	8.83	18.67	21.80	15.60	30.13	18.35	33.35	24.02	28.85	27.69	28.46	270.12
1968	Below Normal	18.01	15.08	8.29	9.43	23.35	8.73	13.15	17.45	21.60	31.55	19.40	14.56	200.60
1969	Wet	10.50	8.05	7.98	32.13	29.76	11.84	22.81	32.10	25.71	27.70	24.08	25.73	258.39
1970	Wet	14.66	9.42	35.42	43.73	22.17	11.15	14.67	17.91	21.81	32.31	21.47	26.67	271.39
1971	Wet	13.17	9.88	12.05	24.08	8.89	29.57	13.63	21.60	21.57	22.79	21.14	27.67	226.04
1972	Below Normal	18.21	14.54	8.36	10.69	8.18	30.61	13.68	17.29	21.98	30.61	21.55	14.21	209.91
1973	Above Normal	11.84	9.38	12.57	26.80	29.06	14.55	10.85	19.30	22.57	30.69	23.76	18.83	230.20
1974	Wet	10.48	34.77	35.79	42.77	10.72	37.53	17.35	19.95	23.20	23.69	28.15	27.20	311.60
1975	Wet	18.58	17.15	8.20	7.41	8.19	34.01	10.24	24.28	24.36	27.96	25.44	28.13	233.95
1976	Critical	19.84	17.68	9.01	15.55	8.71	6.15	9.97	14.55	20.98	29.86	15.58	9.70	177.58
1977	Critical	12.35	9.04	10.27	7.61	8.84	7.03	13.91	8.92	16.30	18.83	19.91	4.00	137.01
1978	Above Normal	12.90	3.83	3.74	7.15	13.99	24.93	13.28	22.13	24.33	27.30	20.40	13.91	187.89
1979	Below Normal	11.11	12.54	8.17	8.30	6.46	8.07	7.93	16.42	21.61	25.14	17.95	14.26	157.96
1980	Above Normal	7.46	9.24	7.66	30.28	30.44	10.43	10.57	18.36	25.83	26.73	24.50	17.91	219.41
1981	Dry	11.57	12.29	7.89	8.08	5.96	6.14	7.86	17.14	24.74	29.56	22.16	12.25	165.64
1982	Wet	9.02	15.25	31.67	16.96	32.23	27.90	34.28	19.34	22.47	24.82	19.36	19.96	273.26
1983	Wet	21.97	17.70	27.30	35.30	34.37	42.01	25.93	34.15	39.55	38.80	33.28	30.21	380.57
1984	Wet	20.64	30.72	37.71	20.88	10.95	19.05	11.96	19.40	21.62	31.33	19.05	26.57	269.88
1985	Dry	11.58	11.95	10.16	12.83	5.99	6.73	12.25	19.37	23.94	30.04	25.80	12.61	183.25
1986	Wet	10.84	8.70	7.06	8.23	29.14	33.78	16.89	19.38	24.74	28.73	23.28	18.65	229.42
1987	Dry	10.26	11.91	8.27	6.86	5.85	6.21	12.89	17.73	30.09	31.58	21.23	12.61	175.49
1988	Critical	9.71	6.57	5.59	6.05	8.29	6.31	10.27	12.75	19.91	25.59	18.25	9.17	138.46
1989	Dry	8.56	4.95	5.26	8.18	4.67	11.75	9.02	20.10	20.74	27.08	16.74	9.03	146.08
1990	Critical	7.40	6.57	6.83	5.90	5.23	6.16	12.07	11.28	14.53	22.48	18.65	8.63	125.73
1991	Critical	8.03	6.39	5.35	7.11	4.56	4.99	6.11	10.49	12.85	19.08	15.87	6.19	107.02
1992	Critical	6.73	6.66	4.36	4.36	4.74	4.83	6.07	16.68	18.39	23.74	23.27	13.91	133.74
1993	Above Normal	9.35	10.06	3.85	4.80	8.43	10.54	10.77	16.33	21.56	22.97	19.04	19.00	156.70
1994	Critical	10.51	11.96	7.68	6.32	5.60	6.55	13.91	13.27	20.31	26.14	19.75	8.70	150.70
1995	Wet	7.84	6.47	5.12	22.10	13.36	33.98	17.24	30.19	25.16	24.24	28.17	26.54	240.41
1996	Wet	19.37	14.32	11.92	14.14	34.49	25.47	13.04	28.52	20.02	26.41	20.23	24.69	252.62
1997	Wet	15.23	16.41	36.50	37.50	12.00	8.98	17.37	20.40	23.22	30.47	20.13	24.01	262.22
1998	Wet	14.33	11.60	7.63	18.19	32.27	33.99	14.73	33.90	44.37	38.19	31.54	28.80	309.54
1999	Wet	19.91	20.88	21.30	17.44	30.56	25.67	10.45	24.08	22.23	28.29	21.13	26.76	268.70
2000	Above Normal	16.90	19.27	8.66	14.12	34.27	16.54	17.36	19.58	21.40	31.71	21.22	22.90	243.93
2001	Dry	12.81	15.25	8.25	7.39	5.68	6.16	9.78	19.23	26.23	32.53	23.32	11.65	178.28
2002	Dry	16.26	7.61	7.55	16.14	7.79	8.14	13.20	18.95	22.66	26.68	20.85	13.29	179.12
2003	Above Normal	12.67	9.72	17.42	23.42	6.79	6.88	17.51	29.64	20.40	34.73	20.08	22.66	221.92
	Average	12.46	11.47	11.91	14.18	14.27	14.43	14.27	19.39	21.75	27.49	21.80	17.66	201.08
	Wet	13.90	13.93	19.77	24.00	23.02	23.62	19.21	25.15	24.50	28.94	24.20	26.79	267.02
	Above Normal	13.70	12.87	9.93	14.34	19.08	17.46	14.53	20.17	22.45	29.63	22.12	19.52	215.80
	Below Normal	12.14	10.45	9.16	8.77	10.72	10.51	11.70	17.70	20.93	27.51	20.65	13.59	173.84
	Dry	11.31	9.83	7.62	8.43	6.78	7.87	11.33	16.56	21.73	27.78	21.47	12.40	163.11
	Critical	10.21	8.36	6.53	7.67	5.88	5.93	10.68	12.36	16.09	21.75	18.10	8.69	132.22

Difference in Energy generated (GWh) at Tot. Loss: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.01	(0.05)	0.03	0.00	0.01
1923	Below Normal	0.24	0.98	(0.18)	(0.02)	(0.08)	(0.01)	(0.07)	(0.75)	(0.72)	(0.03)	(0.46)	(0.61)	(0.14)
1924	Critical	(0.23)	(0.55)	(0.57)	(2.96)	0.02	0.06	(1.00)	0.13	0.15	0.32	0.70	2.13	(0.15)
1925	Dry	0.04	0.04	0.04	0.07	0.01	0.02	0.00	0.05	(0.04)	(0.21)	0.08	(0.66)	(0.05)
1926	Dry	0.06	0.06	0.03	0.03	0.12	0.03	0.02	0.15	0.21	3.02	0.04	0.18	0.33
1927	Wet	0.03	0.04	0.05	(0.36)	0.02	0.00	0.00	0.01	0.02	0.00	0.08	(0.02)	(0.01)
1928	Above Normal	0.02	(0.02)	0.01	0.00	0.00	(0.04)	0.00	0.04	0.03	0.33	0.04	0.04	0.04
1929	Critical	0.01	0.02	0.01	0.02	0.37	0.00	0.01	0.01	0.02	0.01	0.02	0.01	0.04
1930	Dry	0.01	0.00	0.24	0.01	0.00	0.00	0.01	0.01	0.02	0.08	(0.08)	(0.12)	0.02
1931	Critical	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.04	0.19	0.03	0.03
1932	Dry	0.00	(0.07)	0.04	(0.02)	0.17	0.01	0.01	0.00	0.00	0.01	0.02	0.01	0.02
1933	Critical	0.00	(0.01)	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.01	0.01	0.00
1934	Critical	0.10	0.04	0.00	0.00	0.01	0.00	0.00	(0.08)	0.01	(0.14)	(0.08)	(0.04)	(0.02)
1935	Below Normal	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.04
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.18	(0.02)	0.04	(0.02)	(0.01)	0.02
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.24	(0.04)	(0.03)	0.00	0.02
1938	Wet	0.00	0.00	0.01	0.00	0.00	0.00	0.04	0.18	(0.01)	(0.22)	0.03	(0.04)	0.00
1939	Dry	(0.06)	0.90	(0.23)	(0.01)	(0.01)	(0.01)	(0.09)	0.01	0.13	(0.08)	(0.48)	0.46	0.04
1940	Above Normal	0.59	0.02	(0.01)	(0.01)	(0.02)	0.00	0.01	0.09	0.00	(0.01)	0.24	0.51	0.12
1941	Wet	0.01	(0.12)	(0.66)	(0.14)	0.00	(0.24)	0.00	0.01	(0.01)	(0.02)	(0.01)	0.00	(0.10)
1942	Wet	(0.04)	0.03	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.12	(0.03)	(0.01)	0.00
1943	Wet	0.00	(0.02)	0.01	(0.02)	0.00	0.00	0.05	0.05	(0.10)	(0.09)	(0.05)	0.15	0.00
1944	Dry	(0.07)	0.63	(0.02)	(0.02)	(0.01)	0.33	(0.03)	(0.03)	(0.02)	(0.14)	(0.19)	(0.02)	0.03
1945	Below Normal	(0.01)	(0.01)	(0.02)	(0.01)	0.00	0.00	(0.68)	(0.77)	(0.70)	0.03	(0.16)	(1.06)	(0.28)
1946	Below Normal	(0.53)	1.05	0.12	0.00	0.01	0.00	(0.03)	(0.03)	(0.03)	(0.02)	(0.02)	0.04	0.05
1947	Dry	(0.06)	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.02	0.05	0.00
1948	Below Normal	0.01	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00	0.01	0.00	(0.01)	0.00
1949	Dry	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	(0.03)	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.01
1951	Above Normal	0.07	0.00	0.00	0.00	(0.04)	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.01	0.00	0.00	0.00	0.09	0.05	(0.01)	(0.04)	(0.03)	0.00	0.01
1953	Wet	0.08	1.64	(1.44)	(0.23)	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00
1954	Above Normal	0.00	(0.17)	0.00	0.15	0.03	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00
1955	Dry	(0.01)	0.03	0.00	0.02	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.08)	(0.01)
1956	Wet	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.03	(0.03)	(0.06)	(0.04)	0.00	0.00
1959	Below Normal	0.00	0.11	0.00	(0.10)	(0.01)	0.00	0.06	(0.01)	0.00	0.01	0.01	0.00	0.01
1960	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1961	Dry	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	(0.03)	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.04)	(0.01)
1964	Dry	0.02	0.03	(0.02)	(0.01)	0.01	0.00	0.01	0.01	0.00	0.00	0.01	0.00	0.01
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	(0.06)	(0.04)	(0.02)	0.00	(0.02)
1966	Below Normal	0.01	(0.20)	0.00	0.00	0.01	0.27	0.10	0.01	0.01	0.02	0.06	(0.07)	0.02
1967	Wet	(0.03)	0.00	0.01	0.00	0.00	0.00	0.09	0.04	(0.01)	0.14	(0.05)	0.17	0.03
1968	Below Normal	(0.16)	2.60	(0.11)	(0.06)	(2.69)	0.00	0.01	(0.01)	(0.01)	0.02	0.00	0.00	(0.03)
1969	Wet	(0.01)	(0.01)	(0.02)	0.00	0.00	0.00	0.03	0.00	0.00	0.03	0.01	(0.04)	0.00
1970	Wet	(0.07)	0.01	(0.05)	0.00	0.00	0.00	0.00	0.00	0.01	(0.10)	0.00	0.00	(0.02)
1971	Wet	0.03	(0.05)	0.02	0.00	0.00	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	(0.02)	0.00	1.23	0.12
1974	Wet	(0.87)	(0.19)	0.00	0.00	0.00	0.00	0.06	(0.02)	(0.05)	0.10	(0.02)	0.00	(0.08)
1975	Wet	0.00	(0.15)	0.00	0.00	0.02	0.00	0.01	0.02	0.01	0.01	0.00	0.00	(0.01)
1976	Critical	0.00	0.04	0.00	0.00	0.00	0.00	0.00	(0.01)	0.07	0.09	(0.05)	0.00	0.01
1977	Critical	(0.05)	(0.05)	(0.03)	0.01	(0.01)	0.00	0.00	0.00	(0.01)	(0.01)	0.01	0.00	(0.01)
1978	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.03	0.00	(0.06)	0.11	(0.02)	0.00	0.00
1979	Below Normal	0.00	1.63	0.44	0.36	(0.49)	(0.01)	(0.02)	0.43	(0.14)	(0.21)	(0.09)	0.30	0.18
1980	Above Normal	(0.43)	(0.65)	0.00	0.00	0.00	0.00	(0.30)	(0.02)	(0.03)	1.16	(1.03)	1.19	(0.01)
1981	Dry	(0.32)	(1.52)	0.02	0.02	0.02	0.01	0.01	0.01	0.04	(0.41)	(0.82)	(0.09)	(0.25)
1982	Wet	0.01	0.69	0.00	(0.22)	0.00	0.00	0.00	0.06	0.00	(0.02)	(0.01)	0.00	0.04
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	(0.01)	(0.07)	(0.03)	(0.01)
1987	Dry	0.00	0.49	0.00	0.00	0.00	(0.01)	(0.02)	(0.03)	0.85	(0.06)	(0.36)	(0.15)	0.06
1988	Critical	(0.17)	0.00	(0.01)	(0.01)	(0.03)	0.00	(0.10)	(0.01)	(0.01)	(0.06)	(0.02)	0.00	(0.04)
1989	Dry	0.00	(0.01)	0.00	(0.04)	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	(0.01)	(0.01)
1990	Critical	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	(0.01)	(0.01)	0.00	(0.01)	0.00
1991	Critical	(0.01)	0.00	(0.01)	0.00	(0.01)	(0.01)	0.00	(0.01)	(0.01)	(0.07)	0.02	0.00	(0.01)
1992	Critical	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.02)	(0.01)	0.08	0.00
1993	Above Normal	0.00	0.01	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	0.00	(0.01)	(0.02)	(0.01)	(0.01)
1994	Critical	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	(0.05)	(0.05)	(0.01)	0.00	0.01	(0.01)
1995	Wet	0.00	0.00	0.00	(0.02)	0.00	0.00	0.02	0.09	(0.09)	(0.32)	(0.06)	0.00	(0.03)
1996	Wet	0.00	1.75	(0.44)	(0.26)	(0.05)	0.00	0.00	0.06	0.11	(0.01)	(0.05)	0.00	0.09
1997	Wet	0.01	0.05	(0.01)	0.00	0.00	0.00	0.04	(0.02)	(0.03)	(0.23)	(0.10)	(0.08)	(0.03)
1998	Wet	0.21	(0.80)	0.43	1.03	0.00	(0.09)	0.02	0.02	(0.02)	(0.02)	0.00	0.00	0.06
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.00
2000	Above Normal	0.10	(0.06)	0.01	(0.07)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.01	0.00	(0.02)	(0.05)	0.00	0.00
2002	Dry	(0.03)	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.01
2003	Above Normal	0.04	0.01	(0.14)	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.01	(0.01)
	Average	(0.01)	0.10	(0.03)	(0.03)	(0.03)	0.00	(0.02)	0.00	(0.00)	0.04	(0.04)	0.04	0.00
	Wet	(0.03)	0.11	(0.08)	(0.01)	(0.00)	(0.01)	0.02	0.02	(0.01)	(0.03)	(0.02)	0.00	(0.00)
	Above Normal	0.03	(0.07)	(0.01)	0.01	(0.00)	(0.00)	(0.02)	0.04	(0.00)	0.13	(0.06)	0.25	0.02
	Below Normal	0.00	0.44	0.02	0.01	(0.23)	0.02	(0.04)	(0.06)	(0.10)	(0.01)	(0.05)	(0.10)	(0.01)
	Dry	(0.02)	0.03	0.01	0.00	0.02	0.02	(0.00)	0.01	0.07	0.12	(0.10)	(0.02)	0.01
	Critical	(0.03)	(0.04)	(0.05)	(0.24)	0.03	0.00	(0.09)	0.00	0.02	0.01	0.07	0.19	(0.01)

Percent Difference in Energy generated (GWh) at Tot. Loss: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
1923	Below Normal	2%	8%	-2%	0%	-1%	0%	-1%	-3%	-3%	0%	-2%	-4%
1924	Critical	-2%	-6%	-7%	-23%	0%	1%	-7%	1%	1%	2%	5%	29%
1925	Dry	1%	1%	1%	1%	0%	0%	0%	0%	0%	-1%	0%	-6%
1926	Dry	1%	1%	0%	0%	2%	0%	0%	1%	1%	13%	0%	2%
1927	Wet	0%	1%	1%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1929	Critical	0%	0%	0%	0%	7%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1932	Dry	0%	-2%	1%	0%	3%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	1%	1%	0%	0%	0%	0%	0%	-1%	0%	-1%	0%	0%
1935	Below Normal	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	1%	0%	-1%	0%	0%
1939	Dry	0%	8%	-2%	0%	0%	0%	-1%	0%	0%	0%	-2%	3%
1940	Above Normal	5%	0%	0%	0%	0%	0%	0%	1%	0%	0%	1%	3%
1941	Wet	0%	-1%	-5%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1944	Dry	0%	4%	0%	0%	0%	4%	0%	0%	0%	0%	-1%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	-6%	-4%	-3%	0%	-1%	-7%
1946	Below Normal	-5%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	11%	-14%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	-1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	2%	1%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1968	Below Normal	-1%	21%	-1%	-1%	-10%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	7%
1974	Wet	-8%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	15%	6%	5%	-7%	0%	0%	3%	-1%	-1%	0%	2%
1980	Above Normal	-5%	-7%	0%	0%	0%	0%	-3%	0%	0%	5%	-4%	7%
1981	Dry	-3%	-11%	0%	0%	0%	0%	0%	0%	0%	-1%	-4%	-1%
1982	Wet	0%	5%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	4%	0%	0%	0%	0%	0%	0%	3%	0%	-2%	-1%
1988	Critical	-2%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1996	Wet	0%	14%	-4%	-2%	0%	0%	0%	0%	1%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1998	Wet	1%	-6%	6%	6%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
	Below Normal	0%	4%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	-1%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
	Critical	0%	0%	-1%	-2%	1%	0%	-1%	0%	0%	0%	0%	3%

Energy generated (GWh) at Trinity Dam: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	82.18	26.08	12.08	12.09	10.90	8.77	17.06	67.26	20.84	45.46	44.30	52.11	399.13
1923	Below Normal	24.00	16.34	11.53	8.37	7.62	10.38	16.51	70.23	43.01	52.19	55.02	36.71	351.91
1924	Critical	21.16	7.19	8.25	53.61	6.42	10.93	26.81	28.25	16.22	29.98	27.52	8.92	245.26
1925	Dry	4.78	3.75	4.12	37.36	3.61	5.15	9.43	87.27	60.17	51.85	25.05	23.31	315.85
1926	Dry	10.07	6.19	6.39	6.44	5.84	5.16	11.42	61.79	28.00	26.55	29.85	27.27	224.97
1927	Wet	10.04	6.21	6.91	10.35	5.08	8.28	9.63	99.25	57.55	60.09	43.86	51.67	368.92
1928	Above Normal	34.26	16.07	11.50	11.52	7.86	6.33	10.82	99.12	50.26	40.06	54.36	50.59	392.75
1929	Critical	23.24	15.78	11.14	70.71	6.83	10.51	19.30	34.25	33.83	55.63	34.61	23.71	339.54
1930	Dry	10.20	6.24	6.44	6.84	6.22	7.19	12.40	61.72	32.57	31.08	43.17	22.83	246.90
1931	Critical	9.80	5.99	6.16	6.12	5.56	7.65	15.78	26.09	15.79	29.55	46.56	7.96	183.01
1932	Dry	17.65	6.51	2.85	2.88	2.77	3.23	6.62	39.53	13.70	20.70	19.93	7.68	144.05
1933	Critical	7.14	4.57	3.43	3.21	2.78	3.21	7.52	39.88	14.06	28.12	9.60	8.99	132.51
1934	Critical	17.74	3.47	3.56	3.65	3.50	4.19	15.30	31.67	15.63	29.87	43.08	24.26	195.92
1935	Below Normal	17.55	2.37	2.76	2.95	2.88	3.52	6.86	43.65	15.14	28.67	9.74	9.12	145.21
1936	Below Normal	4.90	3.77	3.89	3.96	4.02	6.31	9.70	74.45	37.94	35.29	27.01	21.06	232.30
1937	Below Normal	8.97	4.11	4.21	4.18	3.76	4.21	8.08	53.03	18.35	40.85	25.91	24.13	199.79
1938	Wet	10.42	6.43	5.21	6.23	5.27	6.02	8.97	101.85	99.09	28.61	47.27	46.15	371.52
1939	Dry	53.58	12.12	18.42	9.04	8.18	6.69	21.78	67.26	81.01	80.88	75.54	59.02	493.52
1940	Above Normal	29.48	20.38	6.62	6.82	4.93	5.88	15.30	99.55	72.77	68.88	52.11	38.63	421.35
1941	Wet	22.37	15.20	5.75	5.93	5.59	80.01	63.80	103.18	100.40	103.17	58.78	72.95	637.13
1942	Wet	51.72	17.52	96.32	60.66	50.13	9.27	18.11	102.65	61.15	71.95	50.59	69.18	659.25
1943	Wet	49.49	17.52	28.95	26.06	14.68	34.46	17.82	102.05	55.20	61.51	44.81	52.82	505.37
1944	Dry	35.07	16.45	11.63	11.59	10.81	31.30	21.19	37.72	53.83	77.98	56.09	34.94	398.60
1945	Below Normal	11.18	6.87	7.18	7.39	6.76	7.97	14.61	88.27	57.58	52.11	42.02	21.33	323.27
1946	Below Normal	11.21	6.93	5.38	5.79	7.36	8.25	13.48	98.02	71.36	57.06	51.80	38.40	375.04
1947	Dry	22.21	15.08	10.69	8.53	7.02	7.90	17.86	66.54	30.56	44.54	52.08	25.81	308.82
1948	Below Normal	11.21	7.00	7.65	7.23	10.05	10.79	14.32	87.38	43.09	24.03	40.69	9.72	273.16
1949	Dry	7.57	5.87	8.17	8.59	7.30	5.94	12.37	96.88	63.80	58.31	52.92	49.15	376.87
1950	Below Normal	22.53	15.28	10.75	10.69	7.03	7.91	15.88	68.55	32.01	51.95	44.82	36.90	324.30
1951	Above Normal	16.91	5.60	5.87	6.46	12.60	11.75	42.36	101.65	59.98	61.07	55.65	51.96	431.86
1952	Wet	34.47	16.18	6.14	6.47	5.98	10.51	68.40	103.15	64.57	99.36	52.12	69.52	536.87
1953	Wet	49.44	6.57	20.08	98.12	15.18	17.55	21.92	102.40	60.37	65.41	53.96	72.30	583.30
1954	Above Normal	50.60	37.00	26.64	19.61	48.86	60.42	64.57	102.57	61.11	62.85	45.95	54.39	634.57
1955	Dry	25.17	17.16	12.23	50.98	7.91	10.74	17.04	71.40	33.33	43.33	52.67	48.86	390.82
1956	Wet	22.39	15.19	5.61	31.15	20.19	26.60	42.36	102.98	99.74	64.15	21.30	65.28	516.94
1957	Above Normal	51.70	8.59	12.45	12.43	11.09	28.91	13.96	102.04	51.21	62.92	45.92	54.28	455.50
1958	Wet	27.00	35.60	43.94	46.82	90.59	101.35	40.10	103.18	100.34	98.22	55.65	70.45	813.24
1959	Below Normal	50.19	6.58	12.45	49.95	7.61	19.38	19.19	101.94	83.84	88.74	65.08	59.67	564.62
1960	Dry	22.64	15.35	10.79	10.71	10.01	8.02	14.39	92.24	45.61	56.27	50.89	37.62	374.54
1961	Dry	21.71	14.72	5.64	7.74	5.16	6.17	13.08	94.55	48.63	58.69	53.29	49.56	378.94
1962	Below Normal	22.75	15.44	10.90	7.94	5.32	8.20	12.15	95.06	62.36	57.05	51.65	38.29	387.11
1963	Wet	7.34	5.90	6.08	8.67	9.30	6.92	22.76	102.79	61.52	63.56	46.42	43.81	385.07
1964	Dry	25.54	32.31	21.88	22.97	26.73	11.08	20.91	72.43	44.00	81.21	63.33	36.83	459.22
1965	Wet	21.27	14.46	5.22	18.79	8.18	10.07	10.30	102.08	62.54	61.72	45.07	42.58	402.28
1966	Below Normal	35.73	16.78	12.07	8.77	8.06	6.59	41.88	102.69	58.36	63.13	83.01	53.43	490.50
1967	Wet	35.56	16.71	12.41	28.25	18.28	27.38	10.52	102.32	61.05	75.14	53.54	71.39	512.55
1968	Below Normal	53.99	8.88	14.39	19.62	72.02	23.72	19.01	100.97	62.32	71.03	53.94	50.23	550.12
1969	Wet	23.10	15.71	8.07	6.08	5.69	6.46	9.15	102.92	100.01	64.55	47.33	48.12	437.19
1970	Wet	50.69	6.78	82.58	98.12	24.76	23.16	26.04	100.69	74.16	72.48	53.39	59.50	672.35
1971	Wet	22.56	15.40	6.01	6.12	7.97	17.29	24.31	102.31	60.39	27.23	45.19	68.47	403.25
1972	Below Normal	49.16	10.31	14.87	27.46	9.41	91.07	13.89	101.78	53.35	61.65	56.23	52.56	541.74
1973	Above Normal	24.24	6.16	6.36	10.67	23.60	14.57	20.26	102.63	60.86	63.59	75.67	53.99	462.60
1974	Wet	24.98	93.99	93.91	98.12	7.88	79.85	21.40	103.04	99.97	64.50	52.04	68.95	808.63
1975	Wet	48.90	6.58	12.42	9.03	8.12	43.89	16.35	102.45	61.23	88.02	51.62	69.63	518.24
1976	Critical	53.71	17.50	20.38	80.01	8.06	8.92	15.28	71.19	49.07	79.89	54.40	36.34	494.75
1977	Critical	20.92	13.94	22.98	12.52	8.66	9.18	18.07	26.45	16.14	30.11	51.19	8.17	238.33
1978	Above Normal	30.18	2.83	3.22	3.94	4.42	5.25	8.14	93.50	90.03	53.57	39.01	27.26	361.35
1979	Below Normal	7.15	5.54	7.61	7.58	6.88	7.72	14.02	64.26	31.83	41.13	44.78	36.87	275.37
1980	Above Normal	7.10	5.51	5.82	5.81	5.66	9.03	15.17	101.23	89.07	59.75	54.54	50.82	409.51
1981	Dry	23.37	10.92	11.20	11.29	7.52	8.67	16.16	69.53	33.66	62.51	71.99	37.75	364.57
1982	Wet	21.80	5.37	5.89	14.28	67.05	33.13	21.78	102.76	98.98	62.74	11.68	28.24	473.70
1983	Wet	61.27	19.85	57.87	66.10	67.49	100.25	22.01	103.18	100.40	103.17	72.22	77.36	851.17
1984	Wet	55.14	52.17	97.78	45.61	8.47	20.96	17.82	101.80	65.42	61.86	45.15	53.28	625.46
1985	Dry	35.41	6.09	6.59	46.17	7.95	10.32	20.42	75.87	46.71	82.41	76.55	36.86	451.35
1986	Wet	21.24	7.20	7.41	7.42	4.83	17.54	71.30	100.27	73.49	69.70	52.84	58.83	492.07
1987	Dry	22.31	15.15	10.66	10.63	9.63	10.93	19.41	69.44	73.26	75.34	62.92	38.08	417.76
1988	Critical	12.40	7.71	6.50	6.97	6.73	10.05	22.20	61.95	33.25	55.32	34.53	23.70	281.31
1989	Dry	10.21	6.27	6.55	25.73	5.81	6.56	11.35	83.91	53.62	52.28	29.40	23.18	314.87
1990	Critical	10.04	6.27	6.52	6.49	6.04	7.38	17.01	53.85	17.69	29.75	32.45	22.09	215.58
1991	Critical	9.47	5.79	5.95	5.90	5.34	4.39	13.16	25.41	16.00	30.30	28.12	9.20	159.03
1992	Critical	4.95	3.81	4.20	4.21	3.74	4.42	8.60	54.54	17.93	34.01	60.03	48.98	249.42
1993	Above Normal	14.04	24.07	2.94	3.11	3.11	4.00	9.19	85.68	48.26	22.22	35.97	27.07	279.66
1994	Critical	7.06	5.47	7.50	7.54	6.91	9.20	20.10	36.86	35.89	51.44	35.13	24.16	247.26
1995	Wet	10.42	6.39	6.55	4.75	5.03	5.83	9.39	102.38	99.34	42.83	52.50	68.33	413.74
1996	Wet	48.95	6.58	42.27	31.77	92.69	43.50	22.31	102.13	60.56	62.19	41.30	42.87	597.12
1997	Wet	24.96	17.00	96.94	98.12	8.18	9.23	42.98	99.93	82.64	66.90	55.43	39.30	641.61
1998	Wet	25.95	7.17	7.45	5.45	5.32	83.49	32.69	103.04	100.36	103.17	60.22	70.29	604.60
1999	Wet	49.82	30.36	32.29	19.59	11.99	34.01	14.42	102.77	61.04	64.67	47.38	53.84	522.18
2000	Above Normal	48.83	18.37	15.93	48.01	63.27	45.50	61.48	102.65	61.57	64.10	46.93	72.19	648.83
2001	Dry	25.45	17.34	12.23	12.19	7.97	8.79	14.35	77.66	51.96	85.31	80.80	38.76	432.81
2002	Dry	43.36	14.96	10.70	5.79	7.62	8.69	17.57	97.88	63.62	57.98	52.53	38.96	419.66
2003	Above Normal	22.55	15.28	5.72	5.91	8.01	9.06	10.39	102.87	62.93	83.24	53.41	73.70	453.07
	Average	26.68	13.37	16.15	21.13	14.09	18.72	20.39	82.71	55.62	57.94	47.85	42.85	417.49
	Wet	31.97	17.85	30.77	33.00	22.07	32.96	26.41	102.21	77.75	69.50	48.53	59.04	552.07
	Above Normal	34.34	15.50	9.60	12.20	17.03	17.46	24.06	96.73	60.74	57.31	50.32	50.58	445.85
	Below Normal	23.61	9.01	8.97	12.28	11.34	15.43	15.68	82.16	47.90	51.78	46.55	34.89	359.60
	Dry	23.13	12.36	9.84	16.42	8.23	9.03	15.43	73.53	47.67	58.18	52.72	35.36	361.90
	Critical	16.47	8.12	8.88	21.75	5.88	7.50	16.59	40.87	23.46	40.33	38.10	20.54	248.49

Energy generated (GWh) at Trinity Dam: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	82.18	26.08	12.08	12.09	10.90	8.77	17.06	67.26	20.84	45.46	44.30	52.11	399.13
1923	Below Normal	24.00	16.34	11.53	8.37	7.62	10.38	16.51	70.23	43.01	52.19	55.02	36.71	351.91
1924	Critical	21.16	7.19	8.25	33.81	6.62	11.27	20.13	29.57	17.04	31.70	29.43	19.64	235.81
1925	Dry	5.00	3.91	4.28	38.82	3.73	5.28	9.61	88.46	61.24	52.88	25.61	19.83	318.65
1926	Dry	10.41	6.40	6.61	6.66	6.02	5.30	11.68	63.11	28.64	40.92	30.06	28.08	243.89
1927	Wet	10.11	6.25	6.95	7.51	5.12	8.33	9.68	99.51	57.82	60.38	44.09	51.96	367.71
1928	Above Normal	34.47	16.17	11.57	11.59	7.91	6.36	10.87	99.56	50.49	42.87	54.55	50.79	397.20
1929	Critical	23.34	15.85	11.19	71.05	9.45	10.53	19.34	34.32	33.90	55.75	34.69	23.78	343.19
1930	Dry	10.23	6.26	7.86	6.84	6.22	7.19	12.40	61.73	32.57	31.09	42.55	22.87	247.81
1931	Critical	9.81	6.01	6.17	6.13	5.57	7.67	15.81	26.13	15.81	29.60	47.23	7.96	183.90
1932	Dry	17.65	6.20	2.86	2.89	2.78	3.24	6.63	39.60	13.72	20.74	19.98	7.70	143.99
1933	Critical	7.17	4.57	3.43	3.22	2.79	3.22	7.54	39.94	14.08	28.16	9.62	9.01	132.75
1934	Critical	18.12	3.47	3.56	3.65	3.50	4.19	15.30	31.18	15.64	29.10	42.87	24.36	194.94
1935	Below Normal	18.93	2.37	2.76	2.95	2.88	3.52	6.86	43.65	15.14	28.67	9.74	9.12	146.59
1936	Below Normal	4.90	3.77	3.89	3.96	4.02	6.31	9.70	74.45	37.94	35.29	27.01	21.06	232.30
1937	Below Normal	8.97	4.11	4.21	4.18	3.76	4.21	8.08	53.03	18.35	40.85	25.91	24.13	199.79
1938	Wet	10.42	6.43	5.21	6.23	5.27	6.02	8.97	101.85	99.09	28.61	47.27	46.15	371.52
1939	Dry	53.58	12.12	18.42	9.04	8.18	6.69	21.78	67.66	82.89	80.74	75.38	59.99	496.47
1940	Above Normal	30.34	20.36	6.57	6.78	4.91	5.86	15.25	99.38	72.54	68.64	51.90	38.46	420.99
1941	Wet	22.27	15.13	5.73	5.90	5.57	74.61	63.80	103.18	100.40	103.17	58.78	72.95	631.49
1942	Wet	51.72	17.52	96.32	60.66	50.13	9.27	18.11	102.65	61.15	71.95	50.59	69.18	659.25
1943	Wet	49.49	17.52	28.95	26.06	14.68	34.46	17.82	102.05	55.20	61.51	44.81	52.82	505.37
1944	Dry	35.07	16.45	11.63	11.59	10.81	33.95	21.15	37.64	53.91	77.79	55.51	34.85	400.35
1945	Below Normal	11.15	6.85	7.16	7.37	6.74	7.95	14.58	88.11	57.46	52.00	41.92	21.27	322.56
1946	Below Normal	11.18	5.16	5.38	5.79	7.36	8.24	13.47	98.01	71.35	57.05	51.79	38.39	373.17
1947	Dry	22.20	15.07	10.69	8.53	7.02	7.90	17.85	66.53	30.56	44.53	52.07	25.81	308.76
1948	Below Normal	11.21	7.00	7.65	7.23	10.05	10.79	14.32	87.36	43.08	24.03	40.68	9.72	273.12
1949	Dry	7.57	5.87	8.16	8.59	7.30	5.94	12.37	96.87	63.79	58.31	52.91	49.14	376.82
1950	Below Normal	22.53	15.27	10.75	10.68	7.03	7.91	15.87	68.54	32.00	51.94	44.81	36.90	324.23
1951	Above Normal	17.51	5.59	5.87	6.46	11.67	11.75	42.36	101.65	59.98	61.07	55.65	51.96	431.52
1952	Wet	34.47	16.18	6.14	6.47	5.98	10.51	68.40	103.15	64.57	99.36	52.12	69.52	536.87
1953	Wet	49.44	6.57	20.08	98.12	15.18	17.55	21.91	102.40	60.37	65.41	53.96	72.30	583.29
1954	Above Normal	50.61	37.00	26.64	19.61	48.86	60.42	64.57	102.57	61.11	62.85	45.95	54.39	634.58
1955	Dry	25.17	17.16	12.23	51.10	7.91	10.74	17.04	71.40	33.32	43.32	52.66	48.85	390.90
1956	Wet	22.39	15.19	5.61	31.03	20.19	26.60	42.36	102.98	99.74	64.15	21.27	65.31	516.82
1957	Above Normal	51.70	8.59	12.45	12.43	11.09	28.91	13.96	102.04	51.21	62.92	45.92	54.28	455.50
1958	Wet	27.00	35.60	43.94	46.82	90.59	101.35	40.10	103.18	100.34	98.22	55.65	70.45	813.24
1959	Below Normal	50.19	6.58	12.45	49.95	7.61	19.38	19.31	101.94	83.84	88.73	65.12	59.66	564.76
1960	Dry	22.64	15.35	10.78	10.71	10.01	8.02	14.39	92.23	45.61	56.26	50.88	37.62	374.50
1961	Dry	21.71	14.72	5.64	7.73	5.16	6.17	13.08	94.54	48.63	58.69	53.29	49.55	378.91
1962	Below Normal	22.75	15.44	10.90	7.94	5.32	8.20	12.15	95.05	62.36	57.05	51.64	38.29	387.09
1963	Wet	7.34	5.90	6.08	8.67	9.15	6.92	22.76	102.79	61.52	63.56	46.42	43.81	384.92
1964	Dry	25.54	32.31	21.88	22.86	26.75	11.08	20.91	72.44	44.00	81.21	63.38	36.83	459.19
1965	Wet	21.27	14.46	5.22	18.84	8.18	10.07	10.30	102.08	62.54	61.72	45.07	42.58	402.33
1966	Below Normal	35.73	16.78	12.07	8.77	8.06	6.59	41.88	102.69	58.36	63.13	83.36	53.42	490.84
1967	Wet	35.55	16.71	12.07	28.25	18.28	27.38	10.52	102.32	61.05	75.14	53.54	71.39	512.20
1968	Below Normal	53.99	8.88	14.39	19.62	72.02	23.72	19.01	100.97	62.32	71.03	53.94	50.23	550.12
1969	Wet	23.10	15.71	8.07	6.08	5.69	6.46	9.15	102.92	100.01	64.55	47.33	48.12	437.19
1970	Wet	50.69	6.78	82.58	98.12	24.76	23.16	26.04	100.69	74.16	72.54	53.39	59.50	672.41
1971	Wet	22.56	15.40	6.01	6.12	7.97	17.23	24.31	102.31	60.39	27.23	45.19	68.47	403.19
1972	Below Normal	49.16	10.31	14.87	27.46	9.41	91.07	13.89	101.78	53.35	61.65	56.23	52.56	541.74
1973	Above Normal	24.24	6.16	6.36	10.67	23.60	14.57	20.26	102.63	60.86	63.59	75.67	53.99	462.60
1974	Wet	24.98	93.99	93.91	98.12	7.88	79.85	21.40	103.04	99.97	64.50	52.04	68.95	808.63
1975	Wet	48.90	6.58	12.42	9.03	8.12	43.89	16.35	102.45	61.23	88.02	51.62	69.63	518.24
1976	Critical	53.71	17.50	20.38	80.01	8.06	8.92	15.28	71.19	49.63	79.85	54.37	36.32	495.22
1977	Critical	20.91	13.60	22.87	12.56	8.60	9.18	18.07	26.45	16.14	30.11	51.19	8.17	237.85
1978	Above Normal	30.15	2.83	3.22	3.94	4.42	5.25	8.14	93.51	90.03	53.58	39.01	27.26	361.34
1979	Below Normal	7.15	5.54	10.46	10.39	5.10	7.69	13.97	67.15	31.64	40.87	44.47	36.60	281.03
1980	Above Normal	7.04	5.47	5.78	5.78	5.63	8.99	12.60	101.08	88.79	59.55	54.34	50.61	405.66
1981	Dry	23.27	15.79	11.10	11.19	7.46	8.61	16.05	69.06	33.43	58.66	66.23	37.71	358.56
1982	Wet	21.77	5.36	5.88	13.05	67.05	33.13	21.78	102.76	98.98	62.74	11.68	28.24	472.42
1983	Wet	61.27	19.85	57.87	66.10	67.49	100.25	22.01	103.18	100.40	103.17	72.22	77.36	851.17
1984	Wet	55.14	52.17	97.78	45.61	8.47	20.96	17.82	101.80	65.42	61.86	45.15	53.28	625.46
1985	Dry	35.41	6.09	6.59	46.17	7.95	10.32	20.42	75.87	46.70	82.41	76.55	36.86	451.34
1986	Wet	21.24	7.20	7.41	7.42	4.83	17.54	71.30	100.27	73.49	69.70	52.84	58.83	492.07
1987	Dry	22.31	15.15	10.66	10.63	9.63	10.93	19.41	69.44	79.81	74.86	60.65	37.06	420.54
1988	Critical	11.34	7.70	6.48	6.95	6.72	10.03	21.52	61.85	33.20	55.22	34.46	23.65	279.12
1989	Dry	10.19	6.26	6.54	25.42	5.80	6.55	11.33	83.81	53.56	52.21	29.36	23.14	314.17
1990	Critical	10.02	6.26	6.50	6.47	6.03	7.37	16.98	53.77	17.66	29.71	32.40	22.05	215.22
1991	Critical	9.45	5.78	5.94	5.88	5.32	4.38	13.13	25.36	15.97	30.24	28.06	9.17	158.68
1992	Critical	4.93	3.80	4.19	4.20	3.73	4.41	8.59	54.47	17.90	33.97	59.93	49.29	249.41
1993	Above Normal	13.97	23.91	2.91	3.09	3.09	3.99	9.17	85.54	48.17	22.18	35.81	27.02	278.85
1994	Critical	7.04	5.46	7.49	7.53	6.90	9.20	20.07	36.49	35.54	51.38	35.09	24.13	246.32
1995	Wet	10.41	6.38	6.54	4.75	5.02	5.83	9.38	102.36	99.31	41.67	52.50	68.33	412.48
1996	Wet	48.95	6.58	42.27	31.77	92.69	43.50	22.31	102.13	60.56	62.19	41.34	42.87	597.16
1997	Wet	24.96	17.00	96.94	98.12	8.18	9.23	42.94	99.93	82.64	66.90	55.43	37.94	640.21
1998	Wet	25.99	7.18	10.27	5.44	5.31	81.62	32.69	103.04	100.36	103.17	60.22	70.29	605.58
1999	Wet	49.82	30.36	32.29	19.59	11.99	34.01	14.42	102.77	61.04	64.67	47.38	53.84	522.18
2000	Above Normal	48.83	18.37	15.93	48.01	63.27	45.50	61.48	102.65	61.57	64.10	46.93	72.19	648.83
2001	Dry	25.45	17.34	12.23	12.19	7.97	8.79	14.35	77.73	51.96	85.31	80.79	38.75	432.86
2002	Dry	43.15	14.97	10.71	5.79	7.62	8.69	17.57	97.89	63.63	57.99	52.54	38.96	419.51
2003	Above Normal	22.55	15.28	5.72	5.91	8.01	9.07	10.40	102.88	62.94	83.43	53.41	73.70	453.30
	Average	26.71	13.40	16.24	20.89	14.09	18.67	20.27	82.78	55.74	58.09	47.76	42.93	417.58
	Wet	31.97	17.85	30.87	32.84	22.07	32.68	26.41	102.22	77.76	69.47	48.53	59.00	551.67
	Above Normal	34.47	15.48	9.59	12.20	16.95	17.45	23.84	96.73	60.71	57.52	50.29	50.56	445.79
	Below Normal	23.70	8.89	9.18	12.48	11.21	15.43	15.69	82.35	47.87	51.75	46.55	34.86	359.95
	Dry	23.14	12.63	9.94	16.49	8.24	9.19	15.45	73.67	48.22	58.77	52.24	35.20	363.18
	Critical	16.42	8.10	8.87	20.12	6.11	7.53	15.98	40.89	23.54	40.40	38.28	21.46	247.70

Difference in Energy generated (GWh) at Trinity Dam: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	(19.80)	0.20	0.34	(6.68)	1.32	0.82	1.72	1.91	10.72	(0.79)
1925	Dry	0.22	0.16	0.16	1.46	0.12	0.13	0.18	1.19	1.07	1.03	0.56	(3.48)	0.23
1926	Dry	0.34	0.21	0.22	0.22	0.18	0.14	0.26	1.32	0.64	14.37	0.21	0.81	1.58
1927	Wet	0.07	0.04	0.04	(2.84)	0.04	0.05	0.05	0.26	0.27	0.29	0.23	0.29	(0.10)
1928	Above Normal	0.21	0.10	0.07	0.07	0.05	0.03	0.05	0.44	0.23	2.81	0.19	0.20	0.37
1929	Critical	0.10	0.07	0.05	0.34	2.62	0.02	0.04	0.07	0.07	0.12	0.08	0.07	0.30
1930	Dry	0.03	0.02	1.42	0.00	0.00	0.00	0.00	0.01	0.00	0.01	(0.62)	0.04	0.08
1931	Critical	0.01	0.02	0.01	0.01	0.01	0.02	0.03	0.04	0.02	0.05	0.67	0.00	0.07
1932	Dry	0.00	(0.31)	0.01	0.01	0.01	0.01	0.01	0.07	0.02	0.04	0.05	0.02	0.00
1933	Critical	0.03	0.00	0.00	0.01	0.01	0.01	0.02	0.06	0.02	0.04	0.02	0.02	0.02
1934	Critical	0.38	0.00	0.00	0.00	0.00	0.00	0.00	(0.49)	0.01	(0.77)	(0.21)	0.10	(0.08)
1935	Below Normal	1.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	1.88	(0.14)	(0.16)	0.97	0.25
1940	Above Normal	0.86	(0.02)	(0.05)	(0.04)	(0.02)	(0.02)	(0.05)	(0.17)	(0.23)	(0.24)	(0.21)	(0.17)	(0.03)
1941	Wet	(0.10)	(0.07)	(0.02)	(0.03)	(0.02)	(5.40)	0.00	0.00	0.00	0.00	0.00	0.00	(0.47)
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	2.65	(0.04)	(0.08)	0.08	(0.19)	(0.58)	(0.09)	0.15
1945	Below Normal	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)	(0.16)	(0.12)	(0.11)	(0.10)	(0.06)	(0.06)
1946	Below Normal	(0.03)	(1.77)	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.16)
1947	Dry	(0.01)	(0.01)	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	(0.01)	0.00	(0.01)
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.01)	0.00	(0.01)	0.00	0.00
1949	Dry	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	(0.01)	0.00
1950	Below Normal	0.00	(0.01)	0.00	(0.01)	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	(0.01)
1951	Above Normal	0.60	(0.01)	0.00	0.00	(0.93)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.01
1956	Wet	0.00	0.00	0.00	(0.12)	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	0.03	(0.01)
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	(0.01)	0.04	(0.01)	0.01
1960	Dry	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	0.00	0.00
1961	Dry	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	(0.15)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1964	Dry	0.00	0.00	0.00	(0.11)	0.02	0.00	0.00	0.01	0.00	0.00	0.05	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	(0.01)	0.03
1967	Wet	(0.01)	0.00	(0.34)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.01
1971	Wet	0.00	0.00	0.00	0.00	0.00	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.56	(0.04)	(0.03)	(0.02)	0.04
1977	Critical	(0.01)	(0.34)	(0.11)	0.04	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1978	Above Normal	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	2.85	2.81	(1.78)	(0.03)	(0.05)	2.89	(0.19)	(0.26)	(0.31)	(0.27)	0.47
1980	Above Normal	(0.06)	(0.04)	(0.04)	(0.03)	(0.03)	(0.04)	(2.57)	(0.15)	(0.28)	(0.20)	(0.20)	(0.21)	(0.32)
1981	Dry	(0.10)	4.87	(0.10)	(0.10)	(0.06)	(0.06)	(0.11)	(0.47)	(0.23)	(3.85)	(5.76)	(0.04)	(0.50)
1982	Wet	(0.03)	(0.01)	(0.01)	(1.23)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.11)
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.55	(0.48)	(2.27)	(1.02)	0.23
1988	Critical	(1.06)	(0.01)	(0.02)	(0.02)	(0.01)	(0.02)	(0.68)	(0.10)	(0.05)	(0.10)	(0.07)	(0.05)	(0.18)
1989	Dry	(0.02)	(0.01)	(0.01)	(0.31)	(0.01)	(0.01)	(0.02)	(0.10)	(0.06)	(0.07)	(0.04)	(0.04)	(0.06)
1990	Critical	(0.02)	(0.01)	(0.02)	(0.02)	(0.01)	(0.01)	(0.03)	(0.08)	(0.03)	(0.04)	(0.05)	(0.04)	(0.03)
1991	Critical	(0.02)	(0.01)	(0.01)	(0.02)	(0.02)	(0.01)	(0.03)	(0.05)	(0.03)	(0.06)	(0.06)	(0.03)	(0.03)
1992	Critical	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.07)	(0.03)	(0.04)	(0.10)	0.31	0.00
1993	Above Normal	(0.07)	(0.16)	(0.03)	(0.02)	(0.02)	(0.01)	(0.02)	(0.14)	(0.09)	(0.04)	(0.16)	(0.05)	(0.07)
1994	Critical	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	(0.03)	(0.37)	(0.35)	(0.06)	(0.04)	(0.03)	(0.08)
1995	Wet	(0.01)	(0.01)	(0.01)	0.00	(0.01)	0.00	(0.01)	(0.02)	(0.03)	(1.16)	0.00	0.00	(0.10)
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	0.00	0.00	0.00	0.00	(1.36)	(0.12)
1998	Wet	0.04	0.01	2.82	(0.01)	(0.01)	(1.87)	0.00	0.00	0.00	0.00	0.00	0.00	0.08
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	(0.01)	(0.01)	0.00
2002	Dry	(0.21)	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	(0.01)
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.19	0.00	0.00	0.02
	Average	0.03	0.03	0.08	(0.24)	0.00	(0.05)	(0.12)	0.07	0.13	0.16	(0.08)	0.08	0.01
	Wet	(0.00)	(0.00)	0.10	(0.16)	(0.01)	(0.28)	(0.00)	0.01	0.01	(0.03)	0.01	(0.04)	(0.03)
	Above Normal	0.13	(0.01)	(0.00)	(0.00)	(0.08)	(0.00)	(0.22)	(0.00)	(0.03)	0.21	(0.03)	(0.02)	(0.01)
	Below Normal	0.09	(0.13)	0.20	0.20	(0.13)	(0.00)	0.00	0.19	(0.02)	(0.03)	(0.00)	(0.03)	0.03
	Dry	0.01	0.27	0.09	0.07	0.01	0.16	0.02	0.13	0.55	0.59	(0.48)	(0.16)	0.11
	Critical	(0.05)	(0.02)	(0.01)	(1.62)	0.23	0.03	(0.61)	0.03	0.08	0.07	0.18	0.92	(0.07)

Percent Difference in Energy generated (GWh) at Trinity Dam: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	-37%	3%	3%	-25%	5%	5%	6%	7%	120%
1925	Dry	5%	4%	4%	4%	3%	3%	2%	1%	2%	2%	2%	-15%
1926	Dry	3%	3%	3%	3%	3%	3%	2%	2%	2%	54%	1%	3%
1927	Wet	1%	1%	1%	-27%	1%	1%	1%	0%	0%	0%	1%	1%
1928	Above Normal	1%	1%	1%	1%	1%	0%	0%	0%	0%	7%	0%	0%
1929	Critical	0%	0%	0%	0%	38%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	22%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1932	Dry	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	2%	0%	0%	0%	0%	0%	0%	-2%	0%	-3%	0%	0%
1935	Below Normal	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	1%	2%	0%	0%	2%
1940	Above Normal	3%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	-1%	0%	-7%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	8%	0%	0%	0%	0%	-1%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	-26%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	4%	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1977	Critical	0%	-2%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	37%	37%	-26%	0%	0%	4%	-1%	-1%	-1%	-1%
1980	Above Normal	-1%	-1%	-1%	-1%	-1%	0%	-17%	0%	0%	0%	0%	0%
1981	Dry	0%	45%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-6%	-8%	0%
1982	Wet	0%	0%	0%	-9%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	9%	-1%	-4%	-3%
1988	Critical	-9%	0%	0%	0%	0%	0%	-3%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1993	Above Normal	0%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%
1998	Wet	0%	0%	38%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	1%	0%	0%	0%	-1%	0%	0%	1%	0%	1%
	Wet	0%	0%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	-1%	0%	-1%	0%	0%	1%	0%	0%
	Below Normal	1%	-2%	3%	3%	-2%	0%	0%	0%	0%	0%	0%	0%
	Dry	0%	3%	2%	0%	0%	1%	0%	0%	1%	3%	-1%	-1%
	Critical	-1%	0%	0%	-3%	3%	0%	-2%	0%	0%	0%	1%	10%

Energy Use (GWh) At Pumping Plant at Alt. Misc.: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	11.17	11.82	1.56	1.00	1.00	11.34	1.89	14.13	12.15	19.02	18.62	10.74	114.44
1923	Below Normal	11.96	11.34	2.91	1.25	5.52	5.17	4.10	10.91	10.43	25.13	19.52	13.19	121.43
1924	Critical	17.58	8.90	4.16	3.81	1.30	1.00	3.20	9.97	1.00	5.84	4.24	6.70	67.70
1925	Dry	9.22	1.07	6.06	6.36	5.95	5.13	4.60	13.86	9.61	24.81	25.43	8.00	120.10
1926	Dry	9.97	8.63	3.75	4.24	1.00	1.00	6.13	12.21	8.63	20.17	18.46	11.28	105.47
1927	Wet	10.14	9.68	5.43	3.72	12.01	9.39	2.25	9.56	5.80	22.74	19.92	7.85	118.49
1928	Above Normal	5.92	10.94	4.38	3.61	1.00	12.64	2.54	11.17	5.91	19.27	21.85	11.26	110.49
1929	Critical	6.31	6.36	4.23	3.16	5.23	6.67	4.02	10.09	2.71	13.94	33.01	8.18	103.91
1930	Dry	9.39	5.23	5.34	5.47	8.07	5.74	6.96	16.97	4.09	18.78	15.74	5.87	107.65
1931	Critical	8.24	6.69	3.80	5.19	9.52	1.00	2.65	10.59	1.00	4.28	4.24	7.26	64.46
1932	Dry	8.66	3.64	6.14	7.18	14.37	1.00	3.48	11.76	1.00	3.14	21.61	16.86	98.84
1933	Critical	9.82	6.19	6.23	8.09	2.38	1.97	3.18	10.68	1.00	6.15	35.02	16.02	106.73
1934	Critical	10.73	4.32	3.79	1.00	1.00	1.00	3.24	10.83	1.00	5.54	3.36	5.90	51.71
1935	Below Normal	6.68	6.03	5.91	6.77	7.77	7.53	4.83	12.02	11.21	19.66	8.89	14.09	111.39
1936	Below Normal	16.45	8.19	5.91	2.27	2.41	1.91	4.53	11.51	7.96	23.86	13.90	18.30	117.20
1937	Below Normal	12.97	9.19	5.15	1.59	1.00	1.69	7.15	19.16	2.66	17.41	18.08	14.56	110.61
1938	Wet	9.63	10.02	5.37	1.00	1.00	1.00	12.59	75.14	12.10	21.21	17.85	9.66	176.57
1939	Dry	11.96	1.00	2.35	1.00	3.31	1.00	2.75	11.87	1.00	25.70	23.76	11.91	97.61
1940	Above Normal	8.43	6.41	1.11	1.96	7.07	13.03	4.64	12.66	6.04	19.45	20.70	7.53	109.03
1941	Wet	8.41	6.66	4.59	6.05	11.88	10.85	5.50	19.16	8.59	18.89	18.39	10.88	129.85
1942	Wet	12.25	11.89	3.48	3.88	8.10	9.80	4.28	16.50	8.67	18.68	18.23	10.37	126.13
1943	Wet	11.69	13.24	2.13	2.81	6.21	12.76	5.08	11.38	7.27	19.64	19.12	10.56	121.89
1944	Dry	11.38	8.70	2.48	1.00	3.00	4.43	4.32	12.27	5.70	25.41	18.66	6.96	104.31
1945	Below Normal	8.96	8.74	5.44	5.99	13.55	12.83	3.10	11.74	1.47	23.14	21.03	17.63	133.62
1946	Below Normal	14.33	8.84	4.33	5.57	9.33	6.71	1.20	11.94	1.00	22.71	20.52	15.74	122.22
1947	Dry	14.09	8.64	4.37	4.87	5.31	1.00	3.41	11.60	2.39	25.41	24.05	9.76	114.90
1948	Below Normal	9.24	8.05	3.37	1.00	1.00	5.73	4.20	11.44	8.51	20.38	25.99	13.09	112.00
1949	Dry	15.87	9.60	6.19	5.78	8.85	1.53	2.14	11.39	1.00	23.35	29.81	11.34	126.85
1950	Below Normal	11.09	7.24	3.01	1.00	1.11	9.08	4.16	12.46	11.81	25.37	19.78	13.64	119.75
1951	Above Normal	17.89	9.48	5.92	8.62	1.00	1.38	1.16	12.48	3.75	13.38	20.06	11.80	106.92
1952	Wet	9.81	10.68	3.53	4.87	8.75	10.18	6.05	31.80	13.03	17.35	16.60	9.72	142.37
1953	Wet	7.25	11.57	2.06	1.00	2.05	9.56	3.02	9.91	2.28	23.45	22.13	12.63	106.91
1954	Above Normal	5.69	10.17	4.75	1.00	2.95	8.56	3.56	9.80	5.76	11.26	22.46	11.91	97.87
1955	Dry	8.59	9.66	4.93	5.22	8.24	2.83	2.80	10.44	1.00	25.70	28.36	13.99	121.76
1956	Wet	7.69	8.31	5.06	7.42	14.96	1.00	1.18	12.90	10.77	20.04	19.60	11.39	120.32
1957	Above Normal	11.34	12.70	2.91	1.00	1.00	1.00	3.99	10.88	3.97	23.09	25.91	12.91	110.70
1958	Wet	14.50	10.91	5.24	3.81	12.24	9.10	11.94	26.30	12.26	16.71	16.81	9.71	149.53
1959	Below Normal	7.63	12.76	1.85	1.00	1.00	8.17	4.54	11.43	2.35	25.07	23.17	8.07	107.04
1960	Dry	11.93	6.08	4.07	4.18	3.00	4.81	3.51	16.99	2.84	22.80	22.78	12.92	115.91
1961	Dry	9.26	7.89	5.04	4.59	1.84	7.98	2.35	11.06	1.00	23.82	26.15	13.80	114.78
1962	Below Normal	7.64	6.83	1.60	4.22	4.80	10.02	3.87	10.97	1.44	24.49	22.21	10.95	109.04
1963	Wet	13.85	9.54	4.02	1.53	4.71	8.86	2.90	10.60	7.35	22.78	20.71	4.30	111.15
1964	Dry	8.20	9.26	6.63	4.24	4.49	3.65	1.30	11.22	1.00	25.07	32.64	11.93	119.63
1965	Wet	7.73	4.56	4.07	6.43	10.91	11.10	4.49	12.03	3.74	21.88	24.80	11.24	122.98
1966	Below Normal	11.42	11.46	2.84	2.31	4.86	5.43	1.00	10.64	1.00	25.40	21.48	11.28	109.12
1967	Wet	13.11	6.95	4.08	4.75	7.42	8.33	10.29	28.35	13.52	20.57	16.56	9.54	143.47
1968	Below Normal	9.46	7.35	2.03	1.00	1.00	9.48	3.93	11.29	2.12	24.43	22.72	7.83	102.64
1969	Wet	15.00	8.44	5.46	8.60	14.09	1.00	16.75	65.25	21.65	36.53	21.68	7.05	221.50
1970	Wet	10.44	1.00	2.25	5.20	1.53	1.58	1.68	10.74	1.00	18.52	20.71	11.99	86.64
1971	Wet	10.87	3.74	3.44	2.03	3.91	11.71	2.31	10.43	7.01	24.99	23.23	12.40	116.07
1972	Below Normal	11.91	4.51	5.16	4.63	1.30	1.68	2.48	11.72	2.61	25.99	23.23	10.87	106.09
1973	Above Normal	14.68	9.19	4.53	3.26	11.06	11.37	2.51	9.92	4.80	22.12	20.47	3.63	117.54
1974	Wet	13.85	9.05	4.77	6.55	7.99	5.26	2.28	10.60	5.07	19.35	21.78	10.28	116.83
1975	Wet	11.88	13.80	2.35	1.00	1.00	11.11	3.07	10.53	9.41	21.89	23.10	11.42	120.56
1976	Critical	13.35	10.81	3.75	3.28	8.63	7.47	6.14	10.89	1.00	16.23	3.86	3.14	88.55
1977	Critical	5.93	7.24	3.58	5.01	9.57	1.00	3.02	11.31	1.00	4.27	26.79	2.71	81.43
1978	Above Normal	6.10	1.72	3.28	4.86	14.47	13.41	7.91	21.55	12.12	20.27	18.05	10.87	134.61
1979	Below Normal	11.73	9.72	2.41	1.11	5.10	14.16	2.60	15.14	1.84	23.16	21.53	18.32	126.82
1980	Above Normal	13.70	4.93	4.61	6.59	11.60	1.00	2.16	12.68	11.52	20.77	35.04	3.85	128.45
1981	Dry	9.77	10.18	2.12	1.00	1.00	5.75	5.71	12.37	1.00	23.66	25.21	11.76	109.53
1982	Wet	12.52	8.62	4.20	5.72	12.82	5.18	17.96	34.91	11.66	17.41	16.67	10.64	158.31
1983	Wet	18.13	17.90	7.91	1.00	1.00	1.00	17.53	63.08	25.31	55.97	27.97	18.55	255.35
1984	Wet	1.02	1.00	1.00	1.00	1.00	1.25	1.10	10.29	1.00	21.62	20.71	12.37	73.36
1985	Dry	7.51	8.70	4.24	2.74	5.25	5.56	4.28	11.55	1.00	23.26	29.86	11.42	115.37
1986	Wet	12.62	9.81	4.86	1.00	11.81	9.32	7.29	21.56	12.44	21.61	35.05	1.00	148.37
1987	Dry	4.67	1.00	3.47	1.22	3.08	6.19	3.60	11.31	3.79	33.04	12.28	6.88	90.53
1988	Critical	12.40	7.16	3.42	2.56	1.00	1.00	5.71	11.38	1.08	19.77	31.54	4.04	101.06
1989	Dry	6.61	5.64	4.76	7.54	2.22	1.89	4.85	12.42	7.07	26.85	18.70	12.66	111.21
1990	Critical	7.68	5.67	4.19	3.76	2.37	1.19	4.24	12.94	1.00	19.03	26.85	3.43	92.35
1991	Critical	8.98	5.54	4.01	1.00	4.76	1.00	4.71	12.40	2.00	15.94	20.51	3.79	84.64
1992	Critical	3.52	5.96	1.15	1.37	2.13	5.38	3.60	12.21	3.35	44.06	26.25	3.12	112.10
1993	Above Normal	3.87	5.01	3.12	3.98	10.95	10.13	2.99	12.01	13.13	23.27	22.10	12.05	122.61
1994	Critical	12.24	9.64	3.89	2.11	4.32	1.45	1.15	13.98	1.00	22.01	29.92	7.91	109.62
1995	Wet	5.62	16.55	13.79	9.97	12.21	18.75	1.00	5.78	1.00	1.00	1.00	10.29	96.96
1996	Wet	7.43	11.58	15.55	5.56	11.76	19.61	1.00	1.00	1.00	1.00	1.64	11.10	88.23
1997	Wet	13.93	24.50	21.23	19.46	16.72	12.38	1.00	1.00	1.00	1.00	1.00	11.06	124.28
1998	Wet	9.00	14.13	19.72	8.27	14.58	19.18	1.00	1.00	1.00	1.00	1.00	9.74	99.62
1999	Wet	14.27	19.57	18.40	13.92	10.95	20.08	1.00	1.00	1.00	1.00	1.68	12.35	115.22
2000	Above Normal	5.94	19.99	18.34	6.32	16.77	18.80	1.00	1.00	1.00	1.00	1.16	11.64	102.96
2001	Dry	8.81	22.32	18.74	14.03	8.05	9.70	1.00	1.00	1.00	9.69	1.00	7.57	102.91
2002	Dry	13.09	12.60	19.45	10.85	7.51	7.48	1.00	1.00	1.00	1.81	7.51	9.38	92.68
2003	Above Normal	13.49	17.58	16.90	8.88	11.62	11.48	1.00	1.00	1.00	1.00	2.73	7.90	94.58
	Average	10.34	9.00	5.53	4.38	6.32	6.83	4.15	14.04	5.17	19.10	19.35	10.22	114.44
	Wet	10.87	10.53	6.69	5.25	8.52	9.21	5.56	19.65	7.88	18.72	17.23	10.31	130.42
	Above Normal	9.85	10.00	5.95	4.26	7.54	9.51	2.95	10.77	6.76	16.16	19.10	9.67	112.52
	Below Normal	10.82	8.59	3.71	2.84	4.27	7.11	3.69	12.31	4.74	23.30	20.15	13.40	114.93
	Dry	9.94	7.77	6.12	5.08	5.25	4.26	3.57	11.18	3.01	21.25	21.22	10.79	109.45
	Critical	9.73	7.04	3.85	3.36	4.35	2.51	3.74	11.44	1.43	14.76	20.47	6.02	88.69

Energy Use (GWh) At Pumping Plant at Alt. Misc.: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	11.17	11.82	1.56	1.00	1.00	11.26	1.91	14.15	11.89	19.19	19.36	10.79	115.10
1923	Below Normal	12.94	13.10	2.93	1.12	5.34	5.26	4.15	11.00	10.52	25.33	16.94	13.15	121.78
1924	Critical	17.52	8.31	3.06	3.49	1.33	1.00	3.12	10.01	1.00	6.01	8.37	6.71	69.93
1925	Dry	9.06	1.00	5.95	6.18	5.75	5.33	4.78	13.76	9.47	23.44	25.83	7.89	118.44
1926	Dry	10.22	8.91	4.03	4.75	1.04	1.00	6.03	12.64	8.22	22.66	19.58	11.37	110.45
1927	Wet	10.01	9.58	5.26	3.40	11.56	9.49	2.28	9.53	5.90	22.84	20.64	7.80	118.29
1928	Above Normal	6.07	10.88	4.43	3.71	1.00	12.60	2.52	11.13	5.86	19.14	21.80	11.29	110.43
1929	Critical	6.29	6.39	4.22	3.15	5.22	6.68	4.02	10.09	2.71	13.93	33.01	8.18	103.89
1930	Dry	9.39	5.23	5.34	5.47	8.07	5.70	6.94	16.97	4.04	19.06	15.78	6.09	108.08
1931	Critical	8.22	6.67	3.78	5.15	9.47	1.00	2.65	10.60	1.00	4.30	4.24	7.27	64.35
1932	Dry	8.65	3.64	6.14	7.17	14.53	1.00	3.48	11.76	1.00	3.14	21.63	16.85	98.99
1933	Critical	9.76	6.16	6.22	8.07	2.89	1.97	3.18	10.68	1.00	6.16	35.03	16.01	107.13
1934	Critical	10.71	4.33	3.82	1.00	1.00	1.00	3.24	10.82	1.00	5.55	3.35	5.90	51.72
1935	Below Normal	7.30	6.03	5.92	6.76	7.76	7.53	4.83	12.02	11.18	19.64	8.87	14.09	111.93
1936	Below Normal	16.46	8.19	5.90	2.25	2.91	2.11	4.37	11.51	8.00	23.99	13.96	18.26	117.91
1937	Below Normal	12.89	9.10	5.08	5.24	1.00	2.73	5.80	14.14	1.00	17.39	18.15	14.48	107.00
1938	Wet	9.59	9.86	6.58	1.00	1.00	2.57	10.82	36.09	12.27	18.68	16.27	9.67	134.40
1939	Dry	11.53	2.14	2.04	1.00	3.19	1.00	3.05	12.65	1.00	26.36	22.21	11.69	97.86
1940	Above Normal	10.22	6.57	1.35	2.40	7.57	12.83	4.52	12.70	5.74	19.11	22.18	9.50	114.69
1941	Wet	8.32	6.22	4.40	5.76	11.48	10.71	5.56	18.01	8.57	19.08	18.54	10.98	127.63
1942	Wet	12.34	12.05	3.56	4.01	7.83	9.78	4.31	16.54	8.67	18.75	20.21	10.38	128.43
1943	Wet	11.70	13.22	2.15	2.82	5.48	12.24	4.52	11.40	9.63	19.91	19.39	10.56	123.02
1944	Dry	11.35	9.82	2.17	1.00	3.04	4.49	4.35	12.25	5.79	24.79	18.11	6.96	104.12
1945	Below Normal	8.99	8.80	5.49	6.08	10.41	13.64	3.18	11.75	1.76	23.44	21.22	17.52	132.28
1946	Below Normal	13.05	8.90	4.43	5.35	9.53	6.85	1.28	11.92	1.00	22.90	20.65	16.04	121.90
1947	Dry	13.83	8.69	4.46	5.02	5.42	1.00	3.39	11.60	2.34	25.36	23.84	9.63	114.58
1948	Below Normal	9.25	8.02	3.34	1.00	1.00	5.73	4.20	11.43	8.53	20.46	26.03	13.10	112.09
1949	Dry	15.85	9.61	6.20	5.80	8.88	1.52	2.14	11.39	1.00	23.34	29.84	11.34	126.91
1950	Below Normal	11.08	7.23	2.99	1.00	1.10	9.09	4.16	12.47	11.82	25.35	19.79	13.64	119.72
1951	Above Normal	17.89	9.48	5.93	8.62	1.00	1.38	1.16	12.48	3.75	13.38	20.06	11.80	106.93
1952	Wet	9.81	10.68	3.53	4.87	8.71	8.42	4.51	26.61	13.14	17.53	16.78	9.72	134.31
1953	Wet	7.37	15.80	2.04	1.00	1.99	9.73	3.09	9.83	2.48	23.65	22.26	12.89	112.13
1954	Above Normal	5.73	10.14	4.90	1.00	3.22	8.54	3.53	9.79	5.71	11.22	22.44	11.89	98.11
1955	Dry	8.57	9.69	4.90	5.16	8.17	2.84	2.81	10.45	1.00	25.72	28.28	13.77	121.36
1956	Wet	7.69	8.33	4.71	6.86	15.34	1.16	1.18	12.90	10.77	20.04	19.60	11.39	119.97
1957	Above Normal	11.34	12.70	2.91	1.00	1.00	1.00	3.99	10.88	3.97	23.09	25.91	12.91	110.70
1958	Wet	14.51	10.91	5.24	3.81	12.24	9.37	10.19	22.96	12.65	17.15	17.14	9.91	146.08
1959	Below Normal	7.76	13.15	1.98	1.00	1.00	8.70	4.51	11.46	2.38	25.09	23.23	7.99	108.25
1960	Dry	11.93	6.11	4.09	4.21	3.04	4.82	3.51	16.98	2.84	22.79	21.24	12.93	114.49
1961	Dry	9.26	7.90	5.05	4.59	1.84	7.99	2.35	11.05	1.00	23.82	26.13	13.79	114.77
1962	Below Normal	7.64	6.84	1.61	4.22	4.81	10.02	3.87	10.97	1.44	24.49	22.21	10.96	109.08
1963	Wet	13.85	9.54	4.02	1.53	4.35	8.90	2.92	10.59	7.41	22.84	20.75	4.21	110.91
1964	Dry	8.30	9.28	6.64	4.30	4.56	3.64	1.29	11.22	1.00	25.05	32.66	11.92	119.86
1965	Wet	7.72	4.56	4.06	5.99	9.68	11.16	4.56	12.04	4.20	22.35	23.63	11.46	121.41
1966	Below Normal	11.58	11.12	3.04	2.62	5.26	5.37	1.00	10.59	1.00	25.46	21.52	11.12	109.68
1967	Wet	13.05	6.98	4.13	4.84	7.17	8.13	8.57	24.18	13.60	18.75	16.81	9.66	135.87
1968	Below Normal	9.05	13.53	1.96	1.00	1.00	9.45	3.95	11.34	2.15	24.48	22.78	7.81	108.50
1969	Wet	14.57	8.49	5.40	7.55	16.11	1.00	10.69	76.28	21.99	36.80	21.92	8.33	229.13
1970	Wet	10.22	1.00	2.25	5.32	1.07	1.61	1.68	10.74	1.00	18.57	20.71	11.96	86.13
1971	Wet	10.97	3.64	3.44	2.03	3.90	11.71	2.31	10.43	7.02	24.99	23.24	12.40	116.08
1972	Below Normal	11.93	4.50	5.17	4.64	1.30	1.67	2.48	11.72	2.61	25.98	23.22	10.87	106.09
1973	Above Normal	14.68	9.19	4.53	3.26	11.06	11.37	2.51	9.92	4.84	22.19	20.54	8.07	122.16
1974	Wet	11.14	8.99	4.72	5.91	7.70	9.79	2.34	10.67	5.45	19.73	22.27	10.40	119.11
1975	Wet	11.98	13.52	2.50	1.00	1.00	11.10	3.04	10.52	9.33	21.83	23.08	11.40	120.30
1976	Critical	13.35	10.88	3.72	3.22	8.56	7.47	6.15	10.89	1.00	16.95	3.48	3.14	88.81
1977	Critical	5.72	7.23	3.58	5.01	9.56	1.00	3.02	11.31	1.00	4.27	26.97	2.68	81.35
1978	Above Normal	5.85	1.79	3.26	4.86	13.47	13.15	5.80	17.14	12.29	19.17	18.90	10.97	126.65
1979	Below Normal	11.92	13.16	2.52	1.40	5.50	13.59	2.67	15.31	2.04	23.40	21.71	18.36	131.58
1980	Above Normal	13.27	5.42	4.65	6.47	16.10	1.00	2.23	12.67	11.32	34.37	36.16	5.87	149.53
1981	Dry	7.94	6.20	2.25	1.00	1.00	3.67	5.80	12.31	1.00	23.92	24.92	11.69	101.70
1982	Wet	12.59	8.67	4.31	5.91	11.53	7.71	17.96	29.51	11.70	17.49	16.77	10.64	154.79
1983	Wet	12.65	16.23	9.73	1.00	1.00	1.00	17.53	63.08	25.31	55.97	27.97	18.55	250.02
1984	Wet	1.02	1.00	1.00	1.00	1.00	1.25	1.10	10.29	1.00	21.62	20.71	12.37	73.36
1985	Dry	7.51	8.70	4.24	2.74	5.25	5.56	4.28	11.55	1.00	23.26	29.86	11.42	115.37
1986	Wet	12.62	9.81	4.86	1.00	10.72	10.89	7.13	18.81	11.93	21.66	34.23	1.00	144.66
1987	Dry	4.69	1.20	3.45	1.20	3.05	6.21	3.63	11.35	3.84	32.83	12.07	6.88	90.40
1988	Critical	12.41	7.17	3.43	2.59	1.00	1.00	5.72	11.37	1.12	19.42	31.58	4.07	100.88
1989	Dry	6.63	5.65	4.77	7.57	2.25	1.89	4.84	12.41	7.08	26.85	18.56	12.66	111.16
1990	Critical	7.68	5.66	4.18	3.76	2.37	1.19	4.24	12.94	1.00	19.04	26.87	3.43	92.36
1991	Critical	8.98	5.54	4.01	1.00	4.76	1.00	4.72	12.40	2.01	15.47	20.96	3.78	84.63
1992	Critical	3.52	5.97	1.16	1.35	2.13	5.37	3.60	12.22	3.35	44.01	26.39	3.11	112.18
1993	Above Normal	3.87	5.01	3.13	3.98	10.82	10.05	3.01	12.01	13.18	23.33	22.13	12.07	122.59
1994	Critical	12.25	9.63	3.90	2.14	4.37	1.44	1.15	13.99	1.00	22.00	29.94	7.91	109.72
1995	Wet	5.62	16.55	13.78	9.95	11.13	16.73	1.00	1.00	1.00	1.00	1.00	10.44	89.20
1996	Wet	7.85	19.68	14.58	6.11	11.87	19.37	1.00	1.00	1.00	1.00	3.97	11.07	98.50
1997	Wet	13.96	24.69	20.58	19.40	16.63	14.01	1.00	1.00	1.00	1.00	4.85	11.22	129.34
1998	Wet	12.10	10.70	19.82	8.42	13.19	19.00	1.00	1.00	1.00	1.00	1.00	9.92	98.15
1999	Wet	14.43	19.65	18.57	14.26	12.37	20.04	1.00	1.00	1.00	1.00	1.61	12.23	117.16
2000	Above Normal	6.29	19.70	18.34	6.26	16.69	18.78	1.00	1.00	1.00	1.00	1.18	11.63	102.87
2001	Dry	8.78	22.24	19.31	14.02	8.06	9.69	1.00	1.00	1.00	9.54	1.00	7.58	103.22
2002	Dry	13.07	12.57	19.43	10.83	7.49	7.47	1.00	1.00	1.00	1.82	7.52	9.25	92.45
2003	Above Normal	13.49	17.59	16.91	8.89	11.62	11.49	1.00	1.00	1.00	1.00	2.75	7.93	94.67
	Average	10.27	9.21	5.55	4.41	6.29	6.91	3.96	13.27	5.19	19.26	19.49	10.35	114.17
	Wet	10.68	10.78	6.74	5.18	8.31	9.50	5.05	17.54	8.04	18.66	17.51	10.41	128.40
	Above Normal	9.99	10.02	5.99	4.29	7.88	9.45	2.77	10.41	6.71	17.18	19.45	10.39	114.54
	Below Normal	10.85	9.41	3.74	3.12	4.14	7.27	3.60	11.97	4.67	23.39	20.02	13.39	115.56
	Dry	9.81	7.70	6.14	5.11	5.26	4.16	3.59	11.24	2.98	21.32	21.06	10.76	109.12
	Critical	9.70	7.00	3.76	3.33	4.39	2.51	3.73	11.44	1.43	14.76	20.85	6.02	88.91

Difference in Energy Use (GWh) At Pumping Plant at Alt. Misc.: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.08)	0.02	0.02	(0.26)	0.17	0.74	0.05	0.05
1923	Below Normal	0.98	1.76	0.02	(0.13)	(0.18)	0.09	0.05	0.09	0.09	0.20	(2.58)	(0.04)	0.03
1924	Critical	(0.06)	(0.59)	(1.10)	(0.32)	0.03	0.00	(0.08)	0.04	0.00	0.17	4.13	0.01	0.19
1925	Dry	(0.16)	(0.07)	(0.11)	(0.18)	(0.20)	0.20	0.18	(0.10)	(0.14)	(1.37)	0.40	(0.11)	(0.14)
1926	Dry	0.25	0.28	0.28	0.51	0.04	0.00	(0.10)	0.43	(0.41)	2.49	1.12	0.09	0.42
1927	Wet	(0.13)	(0.10)	(0.17)	(0.32)	(0.45)	0.10	0.03	(0.03)	0.10	0.10	0.72	(0.05)	(0.02)
1928	Above Normal	0.15	(0.06)	0.05	0.10	0.00	(0.04)	(0.02)	(0.04)	(0.05)	(0.13)	(0.05)	0.03	0.00
1929	Critical	(0.02)	0.03	(0.01)	(0.01)	(0.01)	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	(0.04)	(0.02)	0.00	(0.05)	0.28	0.04	0.22	0.04
1931	Critical	(0.02)	(0.02)	(0.02)	(0.04)	(0.05)	0.00	0.00	0.01	0.00	0.02	0.00	0.01	(0.01)
1932	Dry	(0.01)	0.00	0.00	(0.01)	0.16	0.00	0.00	0.00	0.00	0.00	0.02	(0.01)	0.01
1933	Critical	(0.06)	(0.03)	(0.01)	(0.02)	0.51	0.00	0.00	0.00	0.00	0.01	0.01	(0.01)	0.03
1934	Critical	(0.02)	0.01	0.03	0.00	0.00	0.00	0.00	(0.01)	0.00	0.01	(0.01)	0.00	0.00
1935	Below Normal	0.62	0.00	0.01	(0.01)	(0.01)	0.00	0.00	0.00	(0.03)	(0.02)	(0.02)	0.00	0.04
1936	Below Normal	0.01	0.00	(0.01)	(0.02)	0.50	0.20	(0.16)	0.00	0.04	0.13	0.06	(0.04)	0.06
1937	Below Normal	(0.08)	(0.09)	(0.07)	3.65	0.00	1.04	(1.35)	(5.02)	(1.66)	(0.02)	0.07	(0.08)	(0.30)
1938	Wet	(0.04)	(0.16)	1.21	0.00	0.00	1.57	(1.77)	(39.05)	0.17	(2.53)	(1.58)	0.01	(3.51)
1939	Dry	(0.43)	1.14	(0.31)	0.00	(0.12)	0.00	0.30	0.78	0.00	0.66	(1.55)	(0.22)	0.02
1940	Above Normal	1.79	0.16	0.24	0.44	0.50	(0.20)	(0.12)	0.04	(0.30)	(0.34)	1.48	1.97	0.47
1941	Wet	(0.09)	(0.44)	(0.19)	(0.29)	(0.40)	(0.14)	0.06	(1.15)	(0.02)	0.19	0.15	0.10	(0.19)
1942	Wet	0.09	0.16	0.08	0.13	(0.27)	(0.02)	0.03	0.04	0.00	0.07	1.98	0.01	0.19
1943	Wet	0.01	(0.02)	0.02	0.01	(0.73)	(0.52)	(0.56)	0.02	2.36	0.27	0.27	0.00	0.09
1944	Dry	(0.03)	1.12	(0.31)	0.00	0.04	0.06	0.03	(0.02)	0.09	(0.62)	(0.55)	0.00	(0.02)
1945	Below Normal	0.03	0.06	0.05	0.09	(3.14)	0.81	0.08	0.01	0.29	0.30	0.19	(0.11)	(0.11)
1946	Below Normal	(1.28)	0.06	0.10	(0.22)	0.20	0.14	0.08	(0.02)	0.00	0.19	0.13	0.30	(0.03)
1947	Dry	(0.26)	0.05	0.09	0.15	0.11	0.00	(0.02)	0.00	(0.05)	(0.05)	(0.21)	(0.13)	(0.03)
1948	Below Normal	0.01	(0.03)	(0.03)	0.00	0.00	0.00	0.00	(0.01)	0.02	0.08	0.04	0.01	0.01
1949	Dry	(0.02)	0.01	0.01	0.02	0.03	(0.01)	0.00	0.00	0.00	(0.01)	0.03	0.00	0.01
1950	Below Normal	(0.01)	(0.01)	(0.02)	0.00	(0.01)	0.01	0.00	0.01	0.01	(0.02)	0.01	0.00	0.00
1951	Above Normal	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	(0.04)	(1.76)	(1.54)	(5.19)	0.11	0.18	0.18	0.00	(0.67)
1953	Wet	0.12	4.23	(0.02)	0.00	(0.06)	0.17	0.07	(0.08)	0.20	0.20	0.13	0.26	0.44
1954	Above Normal	0.04	(0.03)	0.15	0.00	0.27	(0.02)	(0.03)	(0.01)	(0.05)	(0.04)	(0.02)	(0.02)	0.02
1955	Dry	(0.02)	0.03	(0.03)	(0.06)	(0.07)	0.01	0.01	0.01	0.00	0.02	(0.08)	(0.22)	(0.03)
1956	Wet	0.00	0.02	(0.35)	(0.56)	0.38	0.16	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.01	0.00	0.00	0.00	0.00	0.27	(1.75)	(3.34)	0.39	0.44	0.33	0.20	(0.29)
1959	Below Normal	0.13	0.39	0.13	0.00	0.00	0.53	(0.03)	0.03	0.03	0.02	0.06	(0.08)	0.10
1960	Dry	0.00	0.03	0.02	0.03	0.04	0.01	0.00	(0.01)	0.00	(0.01)	(1.54)	0.01	(0.12)
1961	Dry	0.00	0.01	0.01	0.00	0.00	0.01	0.00	(0.01)	0.00	0.00	(0.02)	(0.01)	0.00
1962	Below Normal	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1963	Wet	0.00	0.00	0.00	0.00	(0.36)	0.04	0.02	(0.01)	0.06	0.06	0.04	(0.09)	(0.02)
1964	Dry	0.10	0.02	0.01	0.06	0.07	(0.01)	(0.01)	0.00	0.00	(0.02)	0.02	(0.01)	0.02
1965	Wet	(0.01)	0.00	(0.01)	(0.44)	(1.23)	0.06	0.07	0.01	0.46	0.47	(1.17)	0.22	(0.13)
1966	Below Normal	0.16	(0.34)	0.20	0.31	0.40	(0.06)	0.00	(0.05)	0.00	0.06	0.04	(0.16)	0.05
1967	Wet	(0.06)	0.03	0.05	0.09	(0.25)	(0.20)	(1.72)	(4.17)	0.08	(1.82)	0.25	0.12	(0.63)
1968	Below Normal	(0.41)	6.18	(0.07)	0.00	0.00	(0.03)	0.02	0.05	0.03	0.05	0.06	(0.02)	0.49
1969	Wet	(0.43)	0.05	(0.06)	(1.05)	2.02	0.00	(6.06)	11.03	0.34	0.27	0.24	1.28	0.64
1970	Wet	(0.22)	0.00	0.00	0.12	(0.46)	0.03	0.00	0.00	0.00	0.05	0.00	(0.03)	(0.04)
1971	Wet	0.10	(0.10)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00
1972	Below Normal	0.02	(0.01)	0.01	0.01	0.00	(0.01)	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.07	0.07	4.44	0.39
1974	Wet	(2.71)	(0.06)	(0.05)	(0.64)	(0.29)	4.53	0.06	0.07	0.38	0.38	0.49	0.12	0.19
1975	Wet	0.10	(0.28)	0.15	0.00	0.00	(0.01)	(0.03)	(0.01)	(0.08)	(0.06)	(0.02)	(0.02)	(0.02)
1976	Critical	0.00	0.07	(0.03)	(0.06)	(0.07)	0.00	0.01	0.00	0.00	0.72	(0.38)	0.00	0.02
1977	Critical	(0.21)	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.18	(0.03)	(0.01)
1978	Above Normal	(0.25)	0.07	(0.02)	0.00	(1.00)	(0.26)	(2.11)	(4.41)	0.17	(1.10)	0.85	0.10	(0.66)
1979	Below Normal	0.19	3.44	0.11	0.29	0.40	(0.57)	0.07	0.17	0.20	0.24	0.18	0.04	0.40
1980	Above Normal	(0.43)	0.49	0.04	(0.12)	4.50	0.00	0.07	(0.01)	(0.20)	13.60	1.12	2.02	1.76
1981	Dry	(1.83)	(3.98)	0.13	0.00	0.00	(2.08)	0.09	(0.06)	0.00	0.26	(0.29)	(0.07)	(0.65)
1982	Wet	0.07	0.05	0.11	0.19	(1.29)	2.53	0.00	(5.40)	0.04	0.08	0.10	0.00	(0.29)
1983	Wet	(5.48)	(1.67)	1.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.44)
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	(1.09)	1.57	(0.16)	(2.75)	(0.51)	0.05	(0.82)	0.00	(0.31)
1987	Dry	0.02	0.20	(0.02)	(0.02)	(0.03)	0.02	0.03	0.04	0.05	(0.21)	(0.21)	0.00	(0.01)
1988	Critical	0.01	0.01	0.01	0.03	0.00	0.00	0.01	(0.01)	0.04	(0.35)	0.04	0.03	(0.02)
1989	Dry	0.02	0.01	0.01	0.03	0.03	0.00	(0.01)	(0.01)	0.01	0.00	(0.14)	0.00	0.00
1990	Critical	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	(0.47)	0.45	(0.01)	0.00
1992	Critical	0.00	0.01	0.01	(0.02)	0.00	(0.01)	0.00	0.01	0.00	(0.05)	0.14	(0.01)	0.01
1993	Above Normal	0.00	0.00	0.01	0.00	(0.13)	(0.08)	0.02	0.00	0.05	0.06	0.03	0.02	0.00
1994	Critical	0.01	(0.01)	0.01	0.03	0.05	(0.01)	0.00	0.01	0.00	(0.01)	0.02	0.00	0.01
1995	Wet	0.00	0.00	(0.01)	(0.02)	(1.08)	(2.02)	0.00	(4.78)	0.00	0.00	0.00	0.15	(0.65)
1996	Wet	0.42	8.10	(0.97)	0.55	0.11	(0.24)	0.00	0.00	0.00	0.00	2.33	(0.03)	0.86
1997	Wet	0.03	0.19	(0.65)	(0.06)	(0.09)	1.63	0.00	0.00	0.00	0.00	3.85	0.16	0.42
1998	Wet	3.10	(3.43)	0.10	0.15	(1.39)	(0.18)	0.00	0.00	0.00	0.00	0.00	0.18	(0.12)
1999	Wet	0.16	0.08	0.17	0.34	1.42	(0.04)	0.00	0.00	0.00	0.00	(0.07)	(0.12)	0.16
2000	Above Normal	0.35	(0.29)	0.00	(0.06)	(0.08)	(0.02)	0.00	0.00	0.00	0.00	0.02	(0.01)	(0.01)
2001	Dry	(0.03)	(0.08)	0.57	(0.01)	0.01	(0.01)	0.00	0.00	0.00	(0.15)	0.00	0.01	0.03
2002	Dry	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)	(0.01)	0.00	0.00	0.00	0.01	0.01	(0.13)	(0.02)
2003	Above Normal	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.02	0.03	0.01
	Average	(0.07)	0.20	0.02	0.03	(0.03)	0.09	(0.20)	(0.77)	0.03	0.16	0.14	0.13	(0.02)
	Wet	(0.19)	0.26	0.05	(0.07)	(0.21)	0.29	(0.51)	(2.11)	0.16	(0.06)	0.29	0.10	(0.17)
	Above Normal	0.14	0.03	0.04	0.03	0.34	(0.06)	(0.18)	(0.37)	(0.05)	1.02	0.35	0.72	0.17
	Below Normal	0.03	0.82	0.03	0.28	(0.13)	0.15	(0.09)	(0.34)	(0.07)	0.09	(0.13)	(0.01)	0.05
	Dry	(0.13)	(0.07)	0.02	0.03	0.01	(0.10)	0.03	0.06	(0.03)	0.07	(0.16)	(0.03)	(0.03)
	Critical	(0.03)	(0.05)	(0.09)	(0.03)	0.04	(0.00)	(0.00)	0.00	0.00	0.00	0.38	(0.00)	0.02

Percent Difference in Energy Use (GWh) At Pumping Plant at Alt. Misc.: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	-1%	1%	0%	-2%	1%	4%	0%
1923	Below Normal	8%	16%	1%	-10%	-3%	2%	1%	1%	1%	1%	-13%	0%
1924	Critical	0%	-7%	-26%	-8%	2%	0%	-3%	0%	0%	3%	97%	0%
1925	Dry	-2%	-7%	-2%	-3%	-3%	4%	4%	-1%	-1%	-6%	2%	-1%
1926	Dry	3%	3%	7%	12%	4%	0%	-2%	4%	-5%	12%	6%	1%
1927	Wet	-1%	-1%	-3%	-9%	-4%	1%	1%	0%	2%	0%	4%	-1%
1928	Above Normal	3%	-1%	1%	3%	0%	0%	-1%	0%	-1%	-1%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	-1%	1%	0%	4%
1931	Critical	0%	0%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	-1%	0%	0%	0%	21%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	-1%	21%	10%	-4%	0%	1%	1%	0%	0%
1937	Below Normal	-1%	-1%	-1%	230%	0%	62%	-19%	-26%	-62%	0%	0%	-1%
1938	Wet	0%	-2%	23%	0%	0%	157%	-14%	-52%	1%	-12%	-9%	0%
1939	Dry	-4%	114%	-13%	0%	-4%	0%	11%	7%	0%	3%	-7%	-2%
1940	Above Normal	21%	2%	22%	22%	7%	-2%	-3%	0%	-5%	-2%	7%	26%
1941	Wet	-1%	-7%	-4%	-5%	-3%	-1%	1%	-6%	0%	1%	1%	1%
1942	Wet	1%	1%	2%	3%	-3%	0%	1%	0%	0%	0%	11%	0%
1943	Wet	0%	0%	1%	0%	-12%	-4%	-11%	0%	32%	1%	1%	0%
1944	Dry	0%	13%	-13%	0%	1%	1%	1%	0%	2%	-2%	-3%	0%
1945	Below Normal	0%	1%	1%	2%	-23%	6%	3%	0%	20%	1%	1%	-1%
1946	Below Normal	-9%	1%	2%	-4%	2%	2%	7%	0%	0%	1%	1%	2%
1947	Dry	-2%	1%	2%	3%	2%	0%	-1%	0%	-2%	0%	-1%	-1%
1948	Below Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	-17%	-25%	-16%	1%	1%	1%	0%
1953	Wet	2%	37%	-1%	0%	-3%	2%	2%	-1%	9%	1%	1%	2%
1954	Above Normal	1%	0%	3%	0%	9%	0%	-1%	0%	-1%	0%	0%	0%
1955	Dry	0%	0%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	-2%
1956	Wet	0%	0%	-7%	-8%	3%	16%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	3%	-15%	-13%	3%	3%	2%	2%
1959	Below Normal	2%	3%	7%	0%	0%	6%	-1%	0%	1%	0%	0%	-1%
1960	Dry	0%	0%	0%	1%	1%	0%	0%	0%	0%	0%	-7%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	-8%	0%	1%	0%	1%	0%	0%	-2%
1964	Dry	1%	0%	0%	1%	2%	0%	-1%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	-7%	-11%	1%	2%	0%	12%	2%	-5%	2%
1966	Below Normal	1%	-3%	7%	13%	8%	-1%	0%	0%	0%	0%	0%	-1%
1967	Wet	0%	0%	1%	2%	-3%	-2%	-17%	-15%	1%	-9%	2%	1%
1968	Below Normal	-4%	84%	-3%	0%	0%	0%	1%	0%	1%	0%	0%	0%
1969	Wet	-3%	1%	-1%	-12%	14%	0%	-36%	17%	2%	1%	1%	18%
1970	Wet	-2%	0%	0%	2%	-30%	2%	0%	0%	0%	0%	0%	0%
1971	Wet	1%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	122%
1974	Wet	-20%	-1%	-1%	-10%	-4%	86%	3%	1%	7%	2%	2%	1%
1975	Wet	1%	-2%	6%	0%	0%	0%	-1%	0%	-1%	0%	0%	0%
1976	Critical	0%	1%	-1%	-2%	-1%	0%	0%	0%	0%	4%	-10%	0%
1977	Critical	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	-1%
1978	Above Normal	-4%	4%	-1%	0%	-7%	-2%	-27%	-20%	1%	-5%	5%	1%
1979	Below Normal	2%	35%	5%	26%	8%	-4%	3%	1%	11%	1%	1%	0%
1980	Above Normal	-3%	10%	1%	-2%	39%	0%	3%	0%	-2%	65%	3%	52%
1981	Dry	-19%	-39%	6%	0%	0%	-36%	2%	0%	0%	1%	-1%	-1%
1982	Wet	1%	1%	3%	3%	-10%	49%	0%	-15%	0%	0%	1%	0%
1983	Wet	-30%	-9%	23%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-9%	17%	-2%	-13%	-4%	0%	-2%	0%
1987	Dry	0%	20%	-1%	-2%	-1%	0%	1%	0%	1%	-1%	-2%	0%
1988	Critical	0%	0%	0%	1%	0%	0%	0%	0%	4%	-2%	0%	1%
1989	Dry	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	-1%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	2%	0%
1992	Critical	0%	0%	1%	-1%	0%	0%	0%	0%	0%	0%	1%	0%
1993	Above Normal	0%	0%	0%	0%	-1%	-1%	1%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	1%	1%	-1%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	-9%	-11%	0%	-83%	0%	0%	0%	1%
1996	Wet	6%	70%	-6%	10%	1%	-1%	0%	0%	0%	0%	142%	0%
1997	Wet	0%	1%	-3%	0%	-1%	13%	0%	0%	0%	0%	385%	1%
1998	Wet	34%	-24%	1%	2%	-10%	-1%	0%	0%	0%	0%	0%	2%
1999	Wet	1%	0%	1%	2%	13%	0%	0%	0%	0%	0%	-4%	-1%
2000	Above Normal	6%	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	2%	0%
2001	Dry	0%	0%	3%	0%	0%	0%	0%	0%	0%	-2%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	-1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
	Average	0%	4%	1%	3%	0%	4%	-2%	-3%	0%	1%	8%	3%
	Wet	0%	2%	1%	-1%	-3%	12%	-4%	-8%	3%	0%	20%	1%
	Above Normal	2%	1%	2%	2%	4%	0%	-2%	-2%	-1%	5%	2%	17%
	Below Normal	1%	10%	1%	18%	1%	6%	-1%	-2%	-2%	0%	-1%	0%
	Dry	-1%	6%	0%	1%	0%	-2%	1%	0%	0%	0%	-1%	0%
	Critical	0%	-1%	-2%	-1%	2%	0%	0%	0%	0%	0%	8%	0%

Energy Use (GWh) At Pumping Plant at Contra Costa: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	1.95	0.69	0.34	0.99	0.27	0.00	3.14	3.21	2.14	2.80	2.76	2.34	20.63
1923	Below Normal	2.01	1.39	0.53	0.99	0.36	0.00	1.33	1.73	2.17	4.57	2.78	0.39	18.25
1924	Critical	0.33	0.25	1.35	1.16	0.92	0.00	0.67	0.81	2.48	2.68	2.62	2.32	15.59
1925	Dry	2.00	1.62	1.54	1.49	1.47	1.11	1.59	2.02	2.28	4.70	1.75	1.92	23.49
1926	Dry	2.02	1.59	1.45	1.40	1.21	1.11	1.59	2.02	2.28	3.82	1.92	2.30	22.71
1927	Wet	2.02	1.59	1.45	3.43	1.21	0.84	3.08	1.51	1.92	4.44	4.57	4.10	30.16
1928	Above Normal	2.42	1.31	0.91	0.83	0.84	0.00	1.18	1.51	2.14	3.88	2.76	2.34	20.12
1929	Critical	2.03	1.39	1.28	0.99	0.82	0.00	1.77	1.40	2.50	4.71	0.96	0.27	18.12
1930	Dry	0.16	0.10	0.24	1.49	2.39	0.00	1.59	2.02	2.28	4.70	1.00	2.30	18.27
1931	Critical	2.02	1.59	1.45	1.40	1.21	1.46	1.77	2.25	2.50	2.68	2.62	2.32	23.27
1932	Dry	2.00	1.62	1.54	1.49	1.47	1.11	1.59	2.02	2.28	4.70	4.64	0.22	24.68
1933	Critical	1.09	1.59	1.45	1.39	1.21	1.46	1.77	2.25	2.50	4.71	2.43	0.86	22.71
1934	Critical	2.00	1.62	1.54	1.49	2.39	0.61	1.77	2.25	2.50	4.71	1.03	2.32	24.23
1935	Below Normal	2.00	1.62	1.54	1.49	2.39	0.94	1.33	1.73	2.17	4.57	4.62	2.19	26.59
1936	Below Normal	1.97	1.51	1.35	1.17	0.80	0.94	3.29	1.73	2.17	4.57	3.71	0.30	23.51
1937	Below Normal	0.18	0.97	1.32	1.13	0.92	0.58	3.29	3.75	2.17	4.56	2.76	0.73	22.36
1938	Wet	0.27	0.22	3.37	1.17	0.92	0.00	3.08	2.77	1.92	2.76	2.71	2.25	21.44
1939	Dry	1.93	1.34	0.94	0.37	0.74	0.00	3.09	2.02	2.28	1.66	0.60	0.24	15.21
1940	Above Normal	0.21	0.18	1.09	1.32	1.11	0.85	3.14	3.54	2.14	4.49	4.62	4.18	26.87
1941	Wet	2.45	1.44	1.04	0.75	0.59	0.00	1.78	1.64	1.92	2.75	2.71	2.14	19.21
1942	Wet	2.05	1.31	0.79	0.48	0.76	0.00	2.02	1.63	1.92	2.76	2.71	2.25	18.68
1943	Wet	1.94	1.30	0.91	0.59	0.84	0.00	2.04	1.51	1.92	2.89	2.71	2.26	18.91
1944	Dry	1.94	1.34	0.92	0.31	0.84	0.00	3.27	2.02	2.28	3.14	1.06	0.29	17.41
1945	Below Normal	0.22	0.27	0.36	0.37	1.21	0.94	3.29	1.73	2.17	4.57	2.85	2.20	20.18
1946	Below Normal	1.97	1.51	1.35	1.17	1.84	0.09	3.29	3.75	2.17	4.55	2.76	0.35	24.80
1947	Dry	0.18	0.14	1.07	1.17	0.92	0.00	1.59	2.02	2.28	4.70	0.43	0.15	14.65
1948	Below Normal	1.85	1.59	1.45	1.40	1.21	0.94	1.33	1.73	2.17	4.57	4.62	2.20	25.06
1949	Dry	1.97	1.51	1.35	1.17	0.92	0.00	1.59	1.42	2.28	4.70	0.73	1.04	18.68
1950	Below Normal	2.02	1.59	1.45	1.40	1.21	0.94	3.29	1.73	2.17	4.57	2.83	2.20	25.40
1951	Above Normal	1.97	1.51	1.35	1.17	1.84	0.63	3.14	3.54	2.14	4.46	2.76	2.34	26.85
1952	Wet	2.01	1.40	1.23	0.84	0.82	0.00	2.05	1.65	1.92	2.75	2.71	2.26	19.64
1953	Wet	1.95	1.26	0.90	0.82	0.84	0.00	2.11	1.64	1.92	2.75	2.71	2.14	19.04
1954	Above Normal	2.06	1.31	0.95	0.82	0.84	0.00	2.14	1.51	2.14	2.93	2.76	2.34	19.80
1955	Dry	2.03	1.41	1.27	0.94	0.82	0.00	1.59	1.29	2.28	4.70	0.38	0.15	16.86
1956	Wet	0.09	0.06	0.13	1.24	1.21	0.84	3.08	1.51	1.92	4.44	4.57	4.10	23.19
1957	Above Normal	3.90	1.02	1.74	0.29	0.84	0.00	2.66	1.51	2.14	2.90	2.76	2.33	22.09
1958	Wet	1.95	0.63	0.91	0.99	0.82	0.00	2.20	1.64	1.92	2.75	2.71	2.25	18.77
1959	Below Normal	1.95	1.35	0.94	0.49	0.84	0.00	2.66	1.73	2.17	3.03	2.76	0.75	18.67
1960	Dry	0.36	0.20	0.44	1.14	0.92	0.00	1.59	1.48	2.28	2.22	0.92	2.30	13.85
1961	Dry	2.02	1.59	1.45	1.40	1.21	1.11	1.59	2.02	2.28	2.68	2.61	2.30	22.26
1962	Below Normal	2.02	1.59	1.45	1.40	1.21	0.94	3.29	1.73	2.17	4.57	3.42	2.20	25.99
1963	Wet	1.97	3.47	3.37	3.11	0.37	0.00	1.12	1.51	1.92	4.20	2.71	2.25	26.00
1964	Dry	1.93	1.29	0.95	0.80	0.88	0.00	1.59	2.02	2.28	2.68	0.67	0.28	15.37
1965	Wet	0.17	0.24	3.48	1.40	2.12	0.84	1.12	1.51	1.92	4.44	4.57	4.10	25.91
1966	Below Normal	2.64	1.28	0.88	0.82	0.84	0.00	1.33	1.73	2.17	4.11	2.76	0.43	18.99
1967	Wet	0.22	0.26	3.37	0.72	0.92	0.00	3.08	3.34	1.92	2.74	2.71	2.26	21.54
1968	Below Normal	1.95	1.31	0.94	0.74	0.84	0.00	2.43	1.73	2.17	3.02	2.39	0.41	17.93
1969	Wet	0.23	0.22	1.21	0.90	0.63	0.78	3.08	3.54	1.92	4.42	2.71	2.25	21.89
1970	Wet	1.93	1.31	0.90	0.63	0.84	0.00	2.10	1.51	1.92	2.89	2.71	2.25	18.99
1971	Wet	1.94	1.24	0.81	0.84	0.84	0.00	2.11	1.51	1.92	2.87	2.71	2.14	18.93
1972	Below Normal	2.06	1.12	1.10	0.83	0.87	0.00	1.33	1.73	2.17	4.10	2.76	0.40	18.47
1973	Above Normal	0.22	0.17	3.37	0.51	0.38	0.00	3.14	1.51	2.14	4.49	3.74	2.33	22.00
1974	Wet	1.99	1.33	1.23	0.96	0.82	0.00	2.06	1.51	1.92	2.88	2.71	2.26	19.67
1975	Wet	1.93	1.34	0.91	0.39	0.84	0.00	2.40	1.65	1.92	2.75	2.70	2.26	19.09
1976	Critical	1.87	1.38	0.95	0.77	0.84	0.00	1.77	2.04	0.89	0.22	0.15	1.60	12.48
1977	Critical	2.00	1.62	1.54	1.49	1.47	1.46	1.77	2.25	2.50	2.68	2.62	2.32	23.72
1978	Above Normal	2.00	1.62	1.54	1.49	1.47	0.85	1.18	3.54	2.14	4.49	4.62	4.18	29.12
1979	Below Normal	3.98	1.96	1.31	0.86	0.75	0.00	2.39	1.86	2.17	2.89	2.76	0.28	21.21
1980	Above Normal	0.14	0.21	3.37	0.89	0.71	0.00	3.14	1.51	2.14	4.49	3.21	2.34	22.15
1981	Dry	2.03	1.45	1.30	0.28	0.82	0.00	3.45	2.02	2.28	3.15	0.36	0.11	17.25
1982	Wet	0.08	0.14	3.48	0.55	1.21	0.84	3.08	3.54	1.92	4.44	3.45	2.22	24.95
1983	Wet	1.87	1.28	0.78	0.46	0.51	0.00	1.44	1.64	1.92	2.76	2.71	2.24	17.61
1984	Wet	1.94	1.25	0.85	0.85	0.84	0.00	2.11	1.65	1.92	2.76	2.71	2.26	19.14
1985	Dry	1.92	1.25	0.93	0.84	0.84	0.00	2.63	2.02	2.28	3.34	0.94	0.30	17.29
1986	Wet	0.24	0.20	0.15	0.55	1.21	0.84	3.08	3.54	1.92	4.44	4.57	3.84	24.58
1987	Dry	1.95	1.35	0.94	0.32	0.84	0.00	3.27	2.02	2.28	3.16	0.75	0.44	17.32
1988	Critical	0.30	0.23	0.31	1.40	1.21	0.00	1.77	2.25	2.50	2.68	2.62	2.32	17.59
1989	Dry	2.00	1.62	1.54	1.49	1.47	1.11	1.59	2.02	2.28	4.70	1.50	2.30	23.62
1990	Critical	2.02	1.59	1.45	1.40	2.12	0.69	1.77	2.25	2.50	2.68	2.62	2.32	23.41
1991	Critical	2.00	1.62	1.54	1.49	1.47	1.46	1.77	2.25	2.50	2.68	2.62	2.32	23.72
1992	Critical	2.00	1.62	1.54	1.49	1.47	1.46	1.77	2.25	2.50	4.71	2.02	2.32	25.15
1993	Above Normal	2.00	1.62	1.54	1.43	1.46	0.85	3.14	1.51	2.14	4.49	4.62	4.18	28.98
1994	Critical	3.98	1.49	1.30	0.21	0.82	0.00	1.77	2.25	2.50	0.35	0.14	0.32	15.13
1995	Wet	2.00	1.62	1.54	0.98	1.47	0.84	3.08	3.54	1.92	4.44	4.57	4.10	30.10
1996	Wet	2.28	1.35	0.84	0.66	0.47	0.00	2.00	1.62	1.92	2.76	2.71	2.26	18.87
1997	Wet	1.93	1.29	0.74	0.69	0.84	0.00	2.14	1.65	1.92	2.75	2.70	2.26	18.91
1998	Wet	1.87	1.31	0.92	0.30	0.59	0.00	2.13	1.59	1.92	2.75	2.71	2.25	18.34
1999	Wet	1.95	1.31	0.85	0.82	0.84	0.00	2.11	1.64	1.92	2.75	2.71	2.26	19.16
2000	Above Normal	1.95	0.58	1.70	0.43	0.84	0.00	2.50	1.51	2.14	2.92	2.75	2.34	19.66
2001	Dry	1.95	1.48	1.33	0.28	0.82	0.00	1.59	1.49	2.28	4.70	0.78	0.42	17.12
2002	Dry	0.25	0.18	0.48	1.40	2.12	0.00	3.55	2.02	2.28	4.70	0.34	0.59	17.91
2003	Above Normal	2.02	1.59	1.42	3.43	2.12	0.85	3.14	1.51	2.14	4.49	4.62	3.65	30.98
	Average	1.67	1.17	1.30	1.04	1.07	0.37	2.24	2.01	2.14	3.59	2.56	1.91	21.08
	Wet	1.51	1.09	1.39	0.97	0.90	0.22	2.30	2.00	1.92	3.28	3.10	2.59	21.26
	Above Normal	1.74	0.98	1.61	1.13	1.06	0.34	2.64	2.16	2.14	3.90	3.50	2.91	24.10
	Below Normal	1.92	1.36	1.14	1.02	1.09	0.45	2.42	2.03	2.17	4.16	3.13	1.07	21.96
	Dry	1.59	1.17	1.09	0.99	1.15	0.31	2.13	1.89	2.28	3.79	1.19	0.98	18.55
	Critical	1.80	1.33	1.31	1.22	1.33	0.72	1.68	2.04	2.36	2.96	1.87	1.80	20.43

Energy Use (GWh) At Pumping Plant at Contra Costa: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	1.95	0.69	0.34	0.99	0.27	0.00	3.14	3.21	2.14	2.80	2.76	2.34	20.63
1923	Below Normal	2.01	1.39	0.53	0.99	0.36	0.00	1.33	1.73	2.17	4.57	2.78	0.39	18.25
1924	Critical	0.33	0.25	1.35	1.16	0.92	0.00	0.67	0.81	2.48	2.68	2.62	2.32	15.59
1925	Dry	2.00	1.62	1.54	1.49	1.47	1.11	1.59	2.02	2.28	4.70	1.75	1.92	23.49
1926	Dry	2.02	1.59	1.45	1.40	1.21	1.11	1.59	2.02	2.28	3.82	1.92	2.30	22.71
1927	Wet	2.02	1.59	1.45	3.43	1.21	0.84	3.08	1.51	1.92	4.44	4.57	4.10	30.16
1928	Above Normal	2.42	1.31	0.91	0.83	0.84	0.00	1.18	1.51	2.14	3.88	2.76	2.34	20.12
1929	Critical	2.03	1.39	1.28	0.99	0.82	0.00	1.77	1.40	2.50	4.71	0.96	0.27	18.12
1930	Dry	0.16	0.10	0.24	1.49	2.39	0.00	1.59	2.02	2.28	4.70	1.00	2.30	18.27
1931	Critical	2.02	1.59	1.45	1.40	1.21	1.46	1.77	2.25	2.50	2.68	2.62	2.32	23.27
1932	Dry	2.00	1.62	1.54	1.49	1.47	1.11	1.59	2.02	2.28	4.70	4.64	0.22	24.68
1933	Critical	1.09	1.59	1.45	1.39	1.21	1.46	1.77	2.25	2.50	4.71	2.43	0.86	22.71
1934	Critical	2.00	1.62	1.54	1.49	2.39	0.61	1.77	2.25	2.50	4.71	1.03	2.32	24.23
1935	Below Normal	2.00	1.62	1.54	1.49	2.39	0.94	1.33	1.73	2.17	4.57	4.62	2.19	26.59
1936	Below Normal	1.97	1.51	1.35	1.17	0.80	0.94	3.29	1.73	2.17	4.57	3.71	0.30	23.51
1937	Below Normal	0.18	0.97	1.32	1.13	0.92	0.58	3.29	3.75	2.17	4.56	2.76	0.73	22.36
1938	Wet	0.27	0.22	3.37	1.17	0.92	0.00	3.08	2.77	1.92	2.76	2.71	2.25	21.44
1939	Dry	1.93	1.34	0.94	0.37	0.74	0.00	3.09	2.02	2.28	1.66	0.60	0.24	15.21
1940	Above Normal	0.21	0.18	1.09	1.32	1.11	0.85	3.14	3.54	2.14	4.49	4.62	4.18	26.87
1941	Wet	2.45	1.44	1.04	0.75	0.59	0.00	1.78	1.64	1.92	2.75	2.71	2.14	19.21
1942	Wet	2.05	1.31	0.79	0.48	0.76	0.00	2.02	1.63	1.92	2.76	2.71	2.25	18.68
1943	Wet	1.94	1.30	0.91	0.59	0.84	0.00	2.04	1.51	1.92	2.89	2.71	2.26	18.91
1944	Dry	1.94	1.34	0.92	0.31	0.84	0.00	3.27	2.02	2.28	3.14	1.06	0.29	17.41
1945	Below Normal	0.22	0.27	0.36	0.37	1.21	0.94	3.29	1.73	2.17	4.57	2.85	2.20	20.18
1946	Below Normal	1.97	1.51	1.35	1.17	1.84	0.09	3.29	3.75	2.17	4.55	2.76	0.35	24.80
1947	Dry	0.18	0.14	1.07	1.17	0.92	0.00	1.59	2.02	2.28	4.70	0.43	0.15	14.65
1948	Below Normal	1.85	1.59	1.45	1.40	1.21	0.94	1.33	1.73	2.17	4.57	4.62	2.20	25.06
1949	Dry	1.97	1.51	1.35	1.17	0.92	0.00	1.59	1.42	2.28	4.70	0.73	1.04	18.68
1950	Below Normal	2.02	1.59	1.45	1.40	1.21	0.94	3.29	1.73	2.17	4.57	2.83	2.20	25.40
1951	Above Normal	1.97	1.51	1.35	1.17	1.84	0.63	3.14	3.54	2.14	4.46	2.76	2.34	26.85
1952	Wet	2.01	1.40	1.23	0.84	0.82	0.00	2.05	1.65	1.92	2.75	2.71	2.26	19.64
1953	Wet	1.95	1.26	0.90	0.82	0.84	0.00	2.11	1.64	1.92	2.75	2.71	2.14	19.04
1954	Above Normal	2.06	1.31	0.95	0.82	0.84	0.00	2.14	1.51	2.14	2.93	2.76	2.34	19.80
1955	Dry	2.03	1.41	1.27	0.94	0.82	0.00	1.59	1.29	2.28	4.70	0.38	0.15	16.86
1956	Wet	0.09	0.06	0.13	1.24	1.21	0.84	3.08	1.51	1.92	4.44	4.57	4.10	23.19
1957	Above Normal	3.90	1.02	1.74	0.29	0.84	0.00	2.66	1.51	2.14	2.90	2.76	2.33	22.09
1958	Wet	1.95	0.63	0.91	0.99	0.82	0.00	2.20	1.64	1.92	2.75	2.71	2.25	18.77
1959	Below Normal	1.95	1.35	0.94	0.49	0.84	0.00	2.66	1.73	2.17	3.03	2.76	0.75	18.67
1960	Dry	0.36	0.20	0.44	1.14	0.92	0.00	1.59	1.48	2.28	2.22	0.92	2.30	13.85
1961	Dry	2.02	1.59	1.45	1.40	1.21	1.11	1.59	2.02	2.28	2.68	2.61	2.30	22.26
1962	Below Normal	2.02	1.59	1.45	1.40	1.21	0.94	3.29	1.73	2.17	4.57	3.42	2.20	25.99
1963	Wet	1.97	3.47	3.37	3.11	0.37	0.00	1.12	1.51	1.92	4.20	2.71	2.25	26.00
1964	Dry	1.93	1.29	0.95	0.80	0.88	0.00	1.59	2.02	2.28	2.68	0.67	0.28	15.37
1965	Wet	0.17	0.24	3.48	1.40	2.12	0.84	1.12	1.51	1.92	4.44	4.57	4.10	25.91
1966	Below Normal	2.64	1.28	0.88	0.82	0.84	0.00	1.33	1.73	2.17	4.11	2.76	0.43	18.99
1967	Wet	0.22	0.26	3.37	0.72	0.92	0.00	3.08	3.34	1.92	2.74	2.71	2.26	21.54
1968	Below Normal	1.95	1.31	0.94	0.74	0.84	0.00	2.43	1.73	2.17	3.02	2.39	0.41	17.93
1969	Wet	0.23	0.22	1.21	0.90	0.63	0.78	3.08	3.54	1.92	4.42	2.71	2.25	21.89
1970	Wet	1.93	1.31	0.90	0.63	0.84	0.00	2.10	1.51	1.92	2.89	2.71	2.25	18.99
1971	Wet	1.94	1.24	0.81	0.84	0.84	0.00	2.11	1.51	1.92	2.87	2.71	2.14	18.93
1972	Below Normal	2.06	1.12	1.10	0.83	0.87	0.00	1.33	1.73	2.17	4.10	2.76	0.40	18.47
1973	Above Normal	0.22	0.17	3.37	0.51	0.38	0.00	3.14	1.51	2.14	4.49	3.74	2.33	22.00
1974	Wet	1.99	1.33	1.23	0.96	0.82	0.00	2.06	1.51	1.92	2.88	2.71	2.26	19.67
1975	Wet	1.93	1.34	0.91	0.39	0.84	0.00	2.40	1.65	1.92	2.75	2.70	2.26	19.09
1976	Critical	1.87	1.38	0.95	0.77	0.84	0.00	1.77	2.04	0.89	0.22	0.15	1.60	12.48
1977	Critical	2.00	1.62	1.54	1.49	1.47	1.46	1.77	2.25	2.50	2.68	2.62	2.32	23.72
1978	Above Normal	2.00	1.62	1.54	1.49	1.47	0.85	1.18	3.54	2.14	4.49	4.62	4.18	29.12
1979	Below Normal	3.98	1.96	1.31	0.86	0.75	0.00	2.39	1.86	2.17	2.89	2.76	0.28	21.21
1980	Above Normal	0.14	0.21	3.37	0.89	0.71	0.00	3.14	1.51	2.14	4.49	3.21	2.34	22.15
1981	Dry	2.03	1.45	1.30	0.28	0.82	0.00	3.45	2.02	2.28	3.15	0.36	0.11	17.25
1982	Wet	0.08	0.14	3.48	0.55	1.21	0.84	3.08	3.54	1.92	4.44	3.45	2.22	24.95
1983	Wet	1.87	1.28	0.78	0.46	0.51	0.00	1.44	1.64	1.92	2.76	2.71	2.24	17.61
1984	Wet	1.94	1.25	0.85	0.85	0.84	0.00	2.11	1.65	1.92	2.76	2.71	2.26	19.14
1985	Dry	1.92	1.25	0.93	0.84	0.84	0.00	2.63	2.02	2.28	3.34	0.94	0.30	17.29
1986	Wet	0.24	0.20	0.15	0.55	1.21	0.84	3.08	3.54	1.92	4.44	4.57	3.84	24.58
1987	Dry	1.95	1.35	0.94	0.32	0.84	0.00	3.27	2.02	2.28	3.16	0.75	0.44	17.32
1988	Critical	0.30	0.23	0.31	1.40	1.21	0.00	1.77	2.25	2.50	2.68	2.62	2.32	17.59
1989	Dry	2.00	1.62	1.54	1.49	1.47	1.11	1.59	2.02	2.28	4.70	1.50	2.30	23.62
1990	Critical	2.02	1.59	1.45	1.40	2.12	0.69	1.77	2.25	2.50	2.68	2.62	2.32	23.41
1991	Critical	2.00	1.62	1.54	1.49	1.47	1.46	1.77	2.25	2.50	2.68	2.62	2.32	23.72
1992	Critical	2.00	1.62	1.54	1.49	1.47	1.46	1.77	2.25	2.50	4.71	2.02	2.32	25.15
1993	Above Normal	2.00	1.62	1.54	1.43	1.46	0.85	3.14	1.51	2.14	4.49	4.62	4.18	28.98
1994	Critical	3.98	1.49	1.30	0.21	0.82	0.00	1.77	2.25	2.50	0.35	0.14	0.32	15.13
1995	Wet	2.00	1.62	1.54	0.98	1.47	0.84	3.08	3.54	1.92	4.44	4.57	4.10	30.10
1996	Wet	2.28	1.35	0.84	0.66	0.47	0.00	2.00	1.62	1.92	2.76	2.71	2.26	18.87
1997	Wet	1.93	1.29	0.74	0.69	0.84	0.00	2.14	1.65	1.92	2.75	2.70	2.26	18.91
1998	Wet	1.87	1.31	0.92	0.30	0.59	0.00	2.13	1.59	1.92	2.75	2.71	2.25	18.34
1999	Wet	1.95	1.31	0.85	0.82	0.84	0.00	2.11	1.64	1.92	2.75	2.71	2.26	19.16
2000	Above Normal	1.95	0.58	1.70	0.43	0.84	0.00	2.50	1.51	2.14	2.92	2.75	2.34	19.66
2001	Dry	1.95	1.48	1.33	0.28	0.82	0.00	1.59	1.49	2.28	4.70	0.78	0.42	17.12
2002	Dry	0.25	0.18	0.48	1.40	2.12	0.00	3.55	2.02	2.28	4.70	0.34	0.59	17.91
2003	Above Normal	2.02	1.59	1.42	3.43	2.12	0.85	3.14	1.51	2.14	4.49	4.62	3.65	30.98
	Average	1.67	1.17	1.30	1.04	1.07	0.37	2.24	2.01	2.14	3.59	2.56	1.91	21.08
	Wet	1.51	1.09	1.39	0.97	0.90	0.22	2.30	2.00	1.92	3.28	3.10	2.59	21.26
	Above Normal	1.74	0.98	1.61	1.13	1.06	0.34	2.64	2.16	2.14	3.90	3.50	2.91	24.10
	Below Normal	1.92	1.36	1.14	1.02	1.09	0.45	2.42	2.03	2.17	4.16	3.13	1.07	21.96
	Dry	1.59	1.17	1.09	0.99	1.15	0.31	2.13	1.89	2.28	3.79	1.19	0.98	18.55
	Critical	1.80	1.33	1.31	1.22	1.33	0.72	1.68	2.04	2.36	2.96	1.87	1.80	20.43

Difference in Energy Use (GWh) At Pumping Plant at Contra Costa: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at Contra Costa: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Energy Use (GWh) At Pumping Plant at Corning: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.18	0.00	0.00	0.00	0.00	0.04	1.00	1.11	1.24	1.33	0.97	0.56	6.43
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.17	0.42	0.84	0.70	0.97	0.72	0.15	3.97
1924	Critical	0.12	0.01	0.00	0.00	0.00	0.04	0.18	0.19	0.19	0.21	0.15	0.09	1.18
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.52	0.62	0.83	0.61	0.28	3.02
1926	Dry	0.11	0.00	0.00	0.00	0.00	0.02	0.06	0.23	0.31	0.33	0.23	0.14	1.43
1927	Wet	0.04	0.00	0.00	0.00	0.00	0.04	0.75	1.12	1.20	1.42	1.06	0.60	6.23
1928	Above Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.30	0.75	0.78	0.84	0.63	0.35	3.71
1929	Critical	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.27	0.37	0.40	0.30	0.14	1.63
1931	Critical	0.05	0.00	0.00	0.00	0.00	0.01	0.15	0.15	0.16	0.20	0.15	0.07	0.94
1932	Dry	0.03	0.00	0.00	0.00	0.00	0.03	0.20	0.20	0.29	0.32	0.24	0.13	1.44
1933	Critical	0.05	0.00	0.00	0.00	0.00	0.01	0.11	0.11	0.12	0.13	0.10	0.05	0.68
1934	Critical	0.01	0.00	0.00	0.00	0.00	0.01	0.15	0.21	0.22	0.25	0.19	0.10	1.14
1935	Below Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.33	0.43	0.47	0.35	0.18	1.78
1936	Below Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.21	0.53	0.48	0.67	0.51	0.25	2.66
1937	Below Normal	0.11	0.02	0.00	0.00	0.00	0.00	0.16	0.45	0.39	0.51	0.39	0.22	2.25
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.43	1.25	1.40	1.49	1.12	0.50	6.19
1939	Dry	0.05	0.00	0.00	0.00	0.02	0.14	0.37	0.32	0.42	0.46	0.34	0.12	2.24
1940	Above Normal	0.05	0.01	0.00	0.00	0.00	0.00	0.56	0.94	1.29	1.42	1.07	0.56	5.90
1941	Wet	0.02	0.00	0.00	0.00	0.00	0.00	0.26	0.90	1.48	1.63	1.22	0.67	6.18
1942	Wet	0.10	0.00	0.00	0.00	0.00	0.00	0.23	0.91	1.44	1.61	1.21	0.66	6.16
1943	Wet	0.20	0.00	0.00	0.00	0.00	0.00	0.27	1.00	1.13	1.24	0.94	0.53	5.31
1944	Dry	0.17	0.00	0.00	0.00	0.00	0.02	0.17	0.29	0.32	0.38	0.28	0.16	1.79
1945	Below Normal	0.05	0.00	0.00	0.00	0.00	0.00	0.45	0.61	0.83	1.00	0.75	0.42	4.11
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.03	0.84	1.04	1.09	1.15	0.89	0.48	5.52
1947	Dry	0.18	0.00	0.00	0.00	0.00	0.00	0.28	0.55	0.56	0.69	0.52	0.28	3.06
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.77	1.21	1.61	1.22	0.56	5.41
1949	Dry	0.20	0.03	0.00	0.00	0.00	0.00	0.50	0.80	1.00	1.07	0.80	0.45	4.85
1950	Below Normal	0.18	0.00	0.00	0.00	0.00	0.01	0.33	0.43	0.45	0.51	0.38	0.20	2.49
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.08	0.94	0.91	1.24	1.34	1.00	0.53	6.04
1952	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.52	1.24	1.12	1.41	1.11	0.63	6.07
1953	Wet	0.23	0.00	0.00	0.00	0.00	0.15	0.47	1.04	1.19	1.48	1.06	0.63	6.25
1954	Above Normal	0.18	0.00	0.00	0.00	0.00	0.00	0.39	1.32	1.26	1.57	0.89	0.62	6.23
1955	Dry	0.19	0.00	0.00	0.00	0.00	0.10	0.34	0.54	0.54	0.59	0.45	0.20	2.95
1956	Wet	0.08	0.00	0.00	0.00	0.00	0.15	0.91	0.65	1.22	1.46	1.09	0.55	6.11
1957	Above Normal	0.18	0.04	0.00	0.00	0.00	0.00	0.55	0.75	1.05	1.13	0.85	0.12	4.67
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.88	1.31	1.54	1.26	0.67	5.98
1959	Below Normal	0.23	0.05	0.00	0.00	0.00	0.04	0.73	0.85	0.91	0.98	0.72	0.24	4.75
1960	Dry	0.16	0.03	0.00	0.00	0.00	0.00	0.17	0.44	0.53	0.57	0.43	0.24	2.57
1961	Dry	0.07	0.00	0.00	0.00	0.00	0.00	0.36	0.67	0.75	0.85	0.63	0.25	3.58
1962	Below Normal	0.13	0.00	0.00	0.00	0.00	0.00	0.58	1.03	1.05	1.28	0.94	0.50	5.51
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.98	1.50	1.65	1.23	0.70	6.23
1964	Dry	0.03	0.00	0.00	0.00	0.00	0.05	0.52	0.52	0.49	0.61	0.42	0.18	2.82
1965	Wet	0.04	0.00	0.00	0.00	0.00	0.02	0.16	1.03	1.15	1.23	0.66	0.52	4.81
1966	Below Normal	0.20	0.00	0.00	0.00	0.00	0.05	0.82	1.04	1.08	1.16	0.85	0.47	5.67
1967	Wet	0.19	0.00	0.00	0.00	0.00	0.02	0.41	1.22	1.12	1.49	1.13	0.64	6.22
1968	Below Normal	0.23	0.00	0.00	0.00	0.00	0.01	0.68	0.91	0.92	1.07	0.54	0.45	4.81
1969	Wet	0.07	0.00	0.00	0.00	0.00	0.00	0.67	1.26	1.21	1.36	1.03	0.59	6.19
1970	Wet	0.10	0.02	0.00	0.00	0.00	0.00	0.55	0.91	0.75	1.01	0.76	0.43	4.53
1971	Wet	0.08	0.00	0.00	0.00	0.00	0.03	0.92	0.95	1.06	1.26	0.95	0.48	5.73
1972	Below Normal	0.19	0.00	0.00	0.00	0.00	0.19	0.57	0.57	0.67	0.74	0.55	0.20	3.68
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.65	1.21	1.31	1.42	1.07	0.58	6.24
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.49	1.30	1.38	1.27	1.14	0.64	6.22
1975	Wet	0.05	0.00	0.00	0.00	0.00	0.00	0.48	1.33	1.37	1.37	1.04	0.64	6.28
1976	Critical	0.00	0.00	0.00	0.00	0.02	0.06	0.11	0.16	0.17	0.18	0.11	0.06	0.87
1977	Critical	0.03	0.00	0.00	0.00	0.00	0.05	0.14	0.07	0.15	0.17	0.13	0.05	0.79
1978	Above Normal	0.03	0.00	0.00	0.00	0.00	0.00	0.18	1.16	1.41	1.56	1.16	0.52	6.02
1979	Below Normal	0.26	0.00	0.00	0.00	0.00	0.00	0.28	0.75	0.87	0.93	0.61	0.32	4.02
1980	Above Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.56	0.96	0.98	1.35	1.03	0.56	5.45
1981	Dry	0.17	0.02	0.00	0.00	0.00	0.00	0.34	0.77	1.16	1.25	0.94	0.40	5.05
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.52	1.41	1.16	1.57	1.22	0.37	6.25
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.24	1.13	1.41	1.65	1.11	0.50	6.04
1984	Wet	0.20	0.00	0.00	0.00	0.00	0.04	0.81	1.17	1.18	1.30	0.88	0.51	6.09
1985	Dry	0.04	0.00	0.00	0.00	0.00	0.00	0.62	0.96	0.99	1.04	0.79	0.28	4.72
1986	Wet	0.08	0.00	0.00	0.00	0.00	0.00	0.32	0.68	1.01	1.09	0.82	0.16	4.16
1987	Dry	0.17	0.03	0.00	0.00	0.00	0.00	0.17	0.31	0.35	0.37	0.28	0.16	1.84
1988	Critical	0.04	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.09
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.46	0.48	0.58	0.43	0.01	2.15
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.23	0.27	0.30	0.23	0.13	1.28
1992	Critical	0.05	0.00	0.00	0.00	0.00	0.00	0.15	0.38	0.33	0.45	0.33	0.19	1.88
1993	Above Normal	0.01	0.01	0.00	0.00	0.00	0.00	0.44	0.66	0.95	1.38	1.01	0.59	5.05
1994	Critical	0.08	0.00	0.00	0.00	0.00	0.05	0.60	0.58	0.92	0.99	0.74	0.42	4.38
1995	Wet	0.14	0.00	0.00	0.00	0.00	0.00	0.39	0.87	1.28	1.57	1.17	0.66	6.08
1996	Wet	0.26	0.05	0.00	0.00	0.00	0.00	0.62	0.80	1.44	1.59	1.19	0.53	6.48
1997	Wet	0.07	0.00	0.00	0.00	0.00	0.05	0.87	0.95	0.89	1.16	0.77	0.41	5.17
1998	Wet	0.09	0.00	0.00	0.00	0.00	0.00	0.39	0.10	1.21	1.72	1.29	0.72	5.52
1999	Wet	0.15	0.00	0.00	0.00	0.00	0.00	0.52	1.27	1.17	1.43	1.03	0.61	6.18
2000	Above Normal	0.22	0.00	0.00	0.00	0.00	0.00	0.38	1.06	1.40	1.53	1.24	0.63	6.46
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.51	0.50	0.60	0.45	0.22	2.45
2002	Dry	0.05	0.00	0.00	0.00	0.00	0.05	0.80	0.81	1.00	1.05	0.79	0.45	5.00
2003	Above Normal	0.18	0.00	0.00	0.00	0.00	0.00	0.24	0.89	1.58	1.69	1.13	0.72	6.43
	Average	0.09	0.00	0.00	0.00	0.00	0.02	0.39	0.73	0.86	0.99	0.73	0.38	4.19
	Wet	0.09	0.00	0.00	0.00	0.00	0.02	0.49	1.01	1.22	1.42	1.06	0.56	5.87
	Above Normal	0.09	0.01	0.00	0.00	0.00	0.01	0.52	0.98	1.21	1.38	1.00	0.53	5.72
	Below Normal	0.11	0.01	0.00	0.00	0.00	0.04	0.44	0.73	0.79	0.93	0.67	0.33	4.05
	Dry	0.09	0.01	0.00	0.00	0.00	0.02	0.31	0.51	0.59	0.67	0.50	0.23	2.92
	Critical	0.05	0.00	0.00	0.00	0.00	0.02	0.14	0.17	0.21	0.24	0.18	0.10	1.11

Energy Use (GWh) At Pumping Plant at Corning: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.18	0.00	0.00	0.00	0.00	0.04	1.00	1.11	1.24	1.33	0.97	0.56	6.43
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.16	0.40	0.81	0.68	0.93	0.70	0.14	3.82
1924	Critical	0.11	0.01	0.00	0.00	0.00	0.04	0.19	0.20	0.21	0.22	0.16	0.09	1.23
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.53	0.63	0.84	0.62	0.28	3.06
1926	Dry	0.11	0.00	0.00	0.00	0.00	0.02	0.07	0.27	0.35	0.38	0.26	0.16	1.62
1927	Wet	0.04	0.00	0.00	0.00	0.00	0.04	0.75	1.12	1.20	1.42	1.06	0.60	6.23
1928	Above Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.30	0.77	0.79	0.86	0.64	0.36	3.78
1929	Critical	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.28	0.37	0.40	0.30	0.14	1.64
1931	Critical	0.05	0.00	0.00	0.00	0.00	0.01	0.16	0.15	0.16	0.20	0.15	0.07	0.95
1932	Dry	0.03	0.00	0.00	0.00	0.00	0.03	0.20	0.20	0.29	0.32	0.24	0.13	1.44
1933	Critical	0.05	0.00	0.00	0.00	0.00	0.01	0.11	0.11	0.12	0.13	0.10	0.06	0.69
1934	Critical	0.01	0.00	0.00	0.00	0.00	0.01	0.15	0.21	0.22	0.25	0.19	0.10	1.14
1935	Below Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.34	0.43	0.47	0.35	0.18	1.79
1936	Below Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.21	0.53	0.48	0.67	0.51	0.25	2.66
1937	Below Normal	0.11	0.02	0.00	0.00	0.00	0.00	0.16	0.45	0.39	0.51	0.38	0.22	2.24
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.43	1.25	1.40	1.49	1.12	0.50	6.19
1939	Dry	0.05	0.00	0.00	0.00	0.02	0.13	0.33	0.28	0.37	0.40	0.30	0.10	1.98
1940	Above Normal	0.04	0.01	0.00	0.00	0.00	0.00	0.57	0.95	1.31	1.44	1.08	0.57	5.97
1941	Wet	0.02	0.00	0.00	0.00	0.00	0.00	0.26	0.90	1.48	1.63	1.22	0.67	6.18
1942	Wet	0.10	0.00	0.00	0.00	0.00	0.00	0.23	0.91	1.44	1.61	1.21	0.66	6.16
1943	Wet	0.20	0.00	0.00	0.00	0.00	0.00	0.27	0.99	1.12	1.23	0.94	0.53	5.28
1944	Dry	0.17	0.00	0.00	0.00	0.00	0.02	0.16	0.28	0.31	0.37	0.27	0.15	1.73
1945	Below Normal	0.04	0.00	0.00	0.00	0.00	0.00	0.44	0.59	0.81	0.97	0.72	0.41	3.98
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.03	0.83	1.03	1.08	1.14	0.88	0.48	5.47
1947	Dry	0.18	0.00	0.00	0.00	0.00	0.00	0.29	0.55	0.57	0.69	0.52	0.28	3.08
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.77	1.21	1.61	1.22	0.56	5.41
1949	Dry	0.20	0.03	0.00	0.00	0.00	0.00	0.50	0.80	1.00	1.07	0.80	0.45	4.85
1950	Below Normal	0.18	0.00	0.00	0.00	0.00	0.01	0.33	0.43	0.45	0.50	0.38	0.20	2.48
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.08	0.94	0.91	1.24	1.34	1.00	0.53	6.04
1952	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.52	1.24	1.12	1.41	1.11	0.63	6.07
1953	Wet	0.23	0.00	0.00	0.00	0.00	0.14	0.47	1.04	1.19	1.48	1.06	0.63	6.24
1954	Above Normal	0.18	0.00	0.00	0.00	0.00	0.00	0.39	1.32	1.26	1.57	0.89	0.62	6.23
1955	Dry	0.19	0.00	0.00	0.00	0.00	0.10	0.34	0.54	0.54	0.59	0.45	0.20	2.95
1956	Wet	0.08	0.00	0.00	0.00	0.00	0.15	0.91	0.65	1.22	1.46	1.09	0.55	6.11
1957	Above Normal	0.18	0.04	0.00	0.00	0.00	0.00	0.55	0.75	1.05	1.13	0.85	0.12	4.67
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.88	1.31	1.54	1.26	0.67	5.98
1959	Below Normal	0.23	0.05	0.00	0.00	0.00	0.04	0.73	0.85	0.91	0.98	0.72	0.24	4.75
1960	Dry	0.16	0.03	0.00	0.00	0.00	0.00	0.17	0.44	0.53	0.57	0.43	0.24	2.57
1961	Dry	0.07	0.00	0.00	0.00	0.00	0.00	0.36	0.67	0.75	0.85	0.63	0.25	3.58
1962	Below Normal	0.13	0.00	0.00	0.00	0.00	0.00	0.58	1.03	1.05	1.28	0.94	0.50	5.51
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.98	1.50	1.65	1.23	0.70	6.23
1964	Dry	0.03	0.00	0.00	0.00	0.00	0.05	0.52	0.52	0.49	0.61	0.42	0.18	2.82
1965	Wet	0.04	0.00	0.00	0.00	0.00	0.02	0.15	1.01	1.13	1.21	0.65	0.51	4.72
1966	Below Normal	0.20	0.00	0.00	0.00	0.00	0.05	0.83	1.05	1.10	1.17	0.86	0.48	5.74
1967	Wet	0.19	0.00	0.00	0.00	0.00	0.02	0.41	1.22	1.12	1.49	1.13	0.64	6.22
1968	Below Normal	0.23	0.00	0.00	0.00	0.00	0.01	0.68	0.91	0.92	1.07	0.54	0.45	4.81
1969	Wet	0.07	0.00	0.00	0.00	0.00	0.00	0.67	1.26	1.21	1.36	1.03	0.59	6.19
1970	Wet	0.10	0.02	0.00	0.00	0.00	0.00	0.55	0.91	0.75	1.01	0.76	0.43	4.53
1971	Wet	0.08	0.00	0.00	0.00	0.00	0.03	0.92	0.95	1.06	1.26	0.95	0.48	5.73
1972	Below Normal	0.19	0.00	0.00	0.00	0.00	0.19	0.57	0.57	0.67	0.74	0.55	0.20	3.68
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.65	1.21	1.31	1.42	1.07	0.58	6.24
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.49	1.30	1.38	1.27	1.14	0.64	6.22
1975	Wet	0.05	0.00	0.00	0.00	0.00	0.00	0.48	1.33	1.37	1.37	1.04	0.64	6.28
1976	Critical	0.00	0.00	0.00	0.00	0.02	0.06	0.11	0.16	0.16	0.18	0.11	0.06	0.86
1977	Critical	0.03	0.00	0.00	0.00	0.00	0.05	0.14	0.07	0.15	0.17	0.13	0.05	0.79
1978	Above Normal	0.03	0.00	0.00	0.00	0.00	0.00	0.18	1.16	1.41	1.56	1.16	0.52	6.02
1979	Below Normal	0.26	0.00	0.00	0.00	0.00	0.00	0.27	0.70	0.82	0.87	0.57	0.31	3.80
1980	Above Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.55	0.95	0.96	1.33	1.01	0.55	5.36
1981	Dry	0.17	0.02	0.00	0.00	0.00	0.00	0.34	0.77	1.16	1.25	0.94	0.40	5.05
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.52	1.41	1.16	1.57	1.22	0.37	6.25
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.24	1.13	1.41	1.65	1.11	0.50	6.04
1984	Wet	0.20	0.00	0.00	0.00	0.00	0.04	0.81	1.17	1.18	1.30	0.88	0.51	6.09
1985	Dry	0.04	0.00	0.00	0.00	0.00	0.00	0.62	0.96	0.99	1.04	0.79	0.28	4.72
1986	Wet	0.08	0.00	0.00	0.00	0.00	0.00	0.32	0.68	1.01	1.09	0.82	0.16	4.16
1987	Dry	0.17	0.03	0.00	0.00	0.00	0.00	0.17	0.31	0.34	0.36	0.27	0.15	1.80
1988	Critical	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.07
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.46	0.48	0.58	0.43	0.01	2.15
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.23	0.27	0.30	0.23	0.13	1.28
1992	Critical	0.05	0.00	0.00	0.00	0.00	0.00	0.15	0.38	0.33	0.44	0.33	0.19	1.87
1993	Above Normal	0.01	0.01	0.00	0.00	0.00	0.00	0.44	0.66	0.94	1.38	1.01	0.58	5.03
1994	Critical	0.08	0.00	0.00	0.00	0.00	0.05	0.60	0.58	0.92	0.99	0.74	0.42	4.38
1995	Wet	0.14	0.00	0.00	0.00	0.00	0.00	0.39	0.87	1.28	1.57	1.17	0.66	6.08
1996	Wet	0.26	0.05	0.00	0.00	0.00	0.00	0.62	0.80	1.44	1.59	1.19	0.53	6.48
1997	Wet	0.07	0.00	0.00	0.00	0.00	0.05	0.86	0.94	0.88	1.15	0.77	0.41	5.13
1998	Wet	0.09	0.00	0.00	0.00	0.00	0.00	0.39	0.10	1.21	1.72	1.29	0.72	5.52
1999	Wet	0.15	0.00	0.00	0.00	0.00	0.00	0.52	1.27	1.17	1.43	1.03	0.61	6.18
2000	Above Normal	0.22	0.00	0.00	0.00	0.00	0.00	0.38	1.06	1.40	1.53	1.24	0.63	6.46
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.51	0.50	0.60	0.45	0.22	2.46
2002	Dry	0.05	0.00	0.00	0.00	0.00	0.05	0.80	0.81	1.00	1.05	0.79	0.45	5.00
2003	Above Normal	0.18	0.00	0.00	0.00	0.00	0.00	0.24	0.89	1.58	1.69	1.13	0.72	6.43
	Average	0.09	0.00	0.00	0.00	0.00	0.02	0.39	0.72	0.86	0.99	0.73	0.37	4.19
	Wet	0.09	0.00	0.00	0.00	0.00	0.02	0.49	1.01	1.22	1.42	1.06	0.56	5.87
	Above Normal	0.09	0.01	0.00	0.00	0.00	0.01	0.52	0.98	1.21	1.38	1.00	0.53	5.72
	Below Normal	0.11	0.01	0.00	0.00	0.00	0.04	0.43	0.72	0.79	0.92	0.67	0.33	4.01
	Dry	0.09	0.01	0.00	0.00	0.00	0.02	0.31	0.51	0.59	0.67	0.50	0.23	2.92
	Critical	0.05	0.00	0.00	0.00	0.00	0.02	0.14	0.17	0.21	0.24	0.18	0.10	1.12

Difference in Energy Use (GWh) At Pumping Plant at Corning: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.03)	(0.02)	(0.04)	(0.02)	(0.01)	(0.01)
1924	Critical	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.01	0.01	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.04	0.05	0.03	0.02	0.02
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.02	0.01	0.01	0.01
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.04)	(0.04)	(0.05)	(0.06)	(0.04)	(0.02)	(0.02)
1940	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.02	0.01	0.01	0.01
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
1945	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.02)	(0.03)	(0.03)	(0.01)	(0.01)
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.01	0.01	0.01	0.01
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.05)	(0.05)	(0.06)	(0.04)	(0.01)	(0.02)
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	(0.00)	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
	Wet	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
	Above Normal	(0.00)	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	0.00	(0.00)	0.00
	Below Normal	(0.00)	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.01)	(0.01)	(0.01)	(0.01)	(0.00)	(0.00)
	Dry	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
	Critical	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at Corning: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	-6%	-5%	-4%	-3%	-4%	-3%	-7%
1924	Critical	-8%	0%	0%	0%	0%	0%	6%	5%	11%	5%	7%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	2%	2%	1%	2%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	17%	17%	13%	15%	13%	14%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	3%	1%	2%	2%	3%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	4%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	7%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	20%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	-7%	-11%	-13%	-12%	-13%	-12%	-17%
1940	Above Normal	-20%	0%	0%	0%	0%	0%	2%	1%	2%	1%	1%	2%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	-6%	-3%	-3%	-3%	-4%	-6%
1945	Below Normal	-20%	0%	0%	0%	0%	0%	-2%	-3%	-2%	-3%	-4%	-2%
1946	Below Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	4%	0%	2%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	-6%	-2%	-2%	-2%	-2%	-2%
1966	Below Normal	0%	0%	0%	0%	0%	0%	1%	1%	2%	1%	1%	2%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-6%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	-4%	-7%	-6%	-6%	-7%	-3%
1980	Above Normal	0%	0%	0%	0%	0%	0%	-2%	-1%	-2%	-1%	-2%	-2%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-3%	-3%	-4%	-6%
1988	Critical	0%	0%	0%	0%	0%	0%	-100%	-100%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	-2%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	6%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-1%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	0%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	-1%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
	Dry	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	-1%
	Critical	-1%	0%	0%	0%	0%	0%	-7%	-8%	0%	0%	1%	2%

Energy Use (GWh) At Pumping Plant at CVP Banks: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	38.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.02
1923	Below Normal	6.26	26.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.37
1924	Critical	17.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.33	0.00	0.00	23.95
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.66	0.00	14.66
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.25	0.00	8.25
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	19.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.83
1929	Critical	0.00	18.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	18.32
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.22	0.00	10.22
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.54	0.00	0.00	5.54
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.95	0.00	8.95
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.88	0.00	0.00	3.88
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.89	0.00	0.00	6.89
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	11.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.91	28.04
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.92	0.00	12.92
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.23	3.25	0.00	7.48
1939	Dry	12.70	17.83	1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.81	0.00	46.02
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	3.36	13.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.56
1942	Wet	20.79	23.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.21
1943	Wet	15.49	36.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.88
1944	Dry	17.06	15.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.13	0.00	42.23
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.43	19.43
1946	Below Normal	4.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.66	20.89
1947	Dry	6.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.53	0.00	24.14
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	8.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.00	0.00	31.73
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	13.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.99
1952	Wet	6.83	16.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.54
1953	Wet	8.85	29.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.01
1954	Above Normal	7.14	8.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.91
1955	Dry	5.15	9.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.30	6.10	38.49
1956	Wet	0.00	0.00	0.00	0.00	4.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.79
1957	Above Normal	12.34	34.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.45
1958	Wet	0.00	9.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.04
1959	Below Normal	0.00	40.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.83
1960	Dry	12.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.35	0.00	26.06
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.30	5.35	22.65
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	18.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.17	0.00	35.22
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.33
1966	Below Normal	24.31	28.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	0.00	0.00	54.88
1967	Wet	15.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.83
1968	Below Normal	0.00	38.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.02
1969	Wet	13.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.97	24.85	10.12	0.00	71.15
1970	Wet	3.05	0.00	0.00	17.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.57	28.78
1971	Wet	12.02	3.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.27
1972	Below Normal	12.22	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.05
1973	Above Normal	15.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.58
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	42.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.86
1976	Critical	0.00	23.49	0.00	0.00	1.09	0.00	0.00	0.00	0.00	4.37	0.93	0.00	29.88
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.60	0.00	0.00	4.60
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	13.06	22.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.91	56.53
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.05	4.13	34.18
1981	Dry	0.00	20.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.38	0.00	35.47
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	9.74	52.94	37.78	0.00	0.00	0.00	0.00	0.00	27.85	66.32	27.55	11.88	234.06
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.14	0.00	18.14
1986	Wet	0.00	5.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.05	0.00	32.01
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.22	0.00	0.00	10.22
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.30
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.11	0.00	13.11
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00	0.02	0.00	8.02
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.59	0.00	0.00	23.59
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	7.61	13.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.08	0.00	42.51
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	11.89	24.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.03
1997	Wet	27.02	23.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.49
1998	Wet	8.22	22.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.41
1999	Wet	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	12.17	12.33
2000	Above Normal	5.59	4.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.66
2001	Dry	8.90	16.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.02	0.00	0.00	60.33
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.66	0.00	13.66
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	4.62	8.52	0.70	0.21	0.07	0.00	0.00	0.00	0.62	2.52	4.44	1.49	23.20
	Wet	6.01	11.64	1.45	0.66	0.19	0.00	0.00	0.00	1.95	3.68	2.58	1.25	29.43
	Above Normal	4.55	8.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	0.34	16.14
	Below Normal	5.09	11.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.92	5.28	22.64
	Dry	3.99	4.41	1.10	0.00	0.00	0.00	0.00	0.00	0.00	2.51	12.89	0.64	25.53
	Critical	2.10	4.61	0.00	0.00	0.09	0.00	0.00	0.00	0.00	5.29	1.86	0.00	13.96

Energy Use (GWh) At Pumping Plant at CVP Banks: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	38.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.02
1923	Below Normal	8.11	35.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.46
1924	Critical	17.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.73	0.00	0.00	24.10
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.73	0.00	12.73
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.44	0.00	9.44
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	19.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.44
1929	Critical	0.00	18.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	18.35
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.36	0.00	10.36
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.58	0.00	0.00	5.58
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.95	0.00	8.95
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.90	0.00	0.00	3.90
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.92	0.00	0.00	6.92
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	11.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.91	28.11
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.86	0.00	12.86
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	10.62	27.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.13	0.00	50.14
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	3.48	14.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.66
1942	Wet	20.52	24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.52
1943	Wet	15.51	36.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.62
1944	Dry	16.44	23.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.83	0.00	50.22
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.48	18.48
1946	Below Normal	4.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.44	21.85
1947	Dry	5.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.67	0.00	22.91
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	8.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.04	0.00	31.69
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	13.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.96
1952	Wet	6.82	16.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.54
1953	Wet	10.33	52.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.71
1954	Above Normal	7.11	7.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.05
1955	Dry	4.98	10.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.24	5.32	37.84
1956	Wet	0.00	0.00	0.00	0.00	6.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.47
1957	Above Normal	12.32	34.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.45
1958	Wet	0.00	9.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.04
1959	Below Normal	0.00	42.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.49
1960	Dry	12.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.37	0.00	25.96
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.29	5.32	22.61
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	17.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.22	0.00	35.05
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.33
1966	Below Normal	24.30	24.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.48	0.00	0.00	51.74
1967	Wet	15.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.46
1968	Below Normal	0.00	38.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.02
1969	Wet	13.17	0.00	0.00	0.00	7.12	0.00	0.00	0.00	23.39	25.27	10.54	0.00	79.49
1970	Wet	2.21	0.00	0.00	17.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.10	29.10
1971	Wet	12.23	2.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.74
1972	Below Normal	12.26	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.02
1973	Above Normal	15.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.58
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	40.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.44
1976	Critical	0.00	23.69	0.00	0.00	1.09	0.00	0.00	0.00	0.00	5.09	0.18	0.00	30.05
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.60	0.00	0.00	4.60
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	13.15	36.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.93	70.33
1980	Above Normal	0.00	0.00	0.00	0.00	13.98	0.00	0.00	0.00	0.00	23.06	41.86	0.00	78.90
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.59	0.00	14.59
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	48.12	53.77	0.00	0.00	0.00	0.00	0.00	27.85	66.32	27.55	11.88	235.49
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.14	0.00	18.14
1986	Wet	0.00	5.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.51	0.00	30.47
1987	Dry	0.00	1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.10	0.00	0.00	11.63
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.19
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.09	0.00	13.09
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.55	0.44	0.00	7.99
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.46	0.00	0.00	23.46
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	7.62	13.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.11	0.00	42.40
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	13.29	20.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.94
1997	Wet	27.28	23.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.24
1998	Wet	17.71	12.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.80
1999	Wet	0.00	0.00	0.00	0.00	2.88	0.00	0.00	0.00	0.00	0.00	0.00	13.44	16.32
2000	Above Normal	6.39	3.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.49
2001	Dry	8.87	16.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.64	0.00	0.00	59.87
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.65	0.00	13.65
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	4.62	8.80	0.87	0.22	0.38	0.00	0.00	0.00	0.62	2.76	4.49	1.45	24.22
	Wet	6.08	11.78	2.07	0.68	0.63	0.00	0.00	0.00	1.97	3.54	2.41	1.32	30.48
	Above Normal	4.61	8.55	0.00	0.00	1.17	0.00	0.00	0.00	0.00	1.92	3.49	0.00	19.74
	Below Normal	5.25	12.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.92	5.27	24.31
	Dry	3.74	4.42	0.99	0.00	0.00	0.00	0.00	0.00	0.00	2.49	12.71	0.59	24.94
	Critical	2.08	4.62	0.00	0.00	0.09	0.00	0.00	0.00	0.00	5.34	1.83	0.00	13.96

Difference in Energy Use (GWh) At Pumping Plant at CVP Banks: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	1.85	9.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92
1924	Critical	(0.25)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.01
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.93)	0.00	(0.16)
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.10
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	(0.39)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1929	Critical	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.01
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	0.00	(0.01)
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(4.23)	(3.25)	0.00	(0.62)
1939	Dry	(2.08)	9.56	(1.68)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.68)	0.00	0.34
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.12	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
1942	Wet	(0.27)	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
1943	Wet	0.02	(0.28)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1944	Dry	(0.62)	8.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.30)	0.00	0.67
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.95)	(0.08)
1946	Below Normal	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.78	0.08
1947	Dry	(1.37)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	(0.10)
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	(0.08)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	1.48	23.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.06
1954	Above Normal	(0.03)	(0.83)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)
1955	Dry	(0.17)	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	(0.78)	(0.05)
1956	Wet	0.00	0.00	0.00	0.00	1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
1957	Above Normal	(0.02)	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	1.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
1960	Dry	(0.12)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	(0.01)
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.03)	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	(0.22)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	(0.01)
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	(0.01)	(3.13)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.26)
1967	Wet	(0.37)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	(0.04)	0.00	0.00	0.00	7.12	0.00	0.00	0.00	0.42	0.42	0.42	0.00	0.70
1970	Wet	(0.84)	0.00	0.00	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.03
1971	Wet	0.21	(0.74)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1972	Below Normal	0.04	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	(2.42)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.20)
1976	Critical	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	(0.75)	0.00	0.01
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.09	13.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	1.15
1980	Above Normal	0.00	0.00	0.00	0.00	13.98	0.00	0.00	0.00	0.00	23.06	11.81	(4.13)	3.73
1981	Dry	0.00	(20.09)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.79)	0.00	(1.74)
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	(9.74)	(4.82)	15.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.54)	0.00	(0.13)
1987	Dry	0.00	1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.12)	0.00	0.00	0.12
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.11)	0.00	0.00	(0.01)
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.45)	0.42	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.13)	0.00	0.00	(0.01)
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.01	(0.15)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	(0.01)
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	1.40	(3.49)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.17)
1997	Wet	0.26	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1998	Wet	9.49	(10.10)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)
1999	Wet	0.00	0.00	0.00	0.00	2.72	0.00	0.00	0.00	0.00	0.00	0.00	1.27	0.33
2000	Above Normal	0.80	(0.97)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
2001	Dry	(0.03)	(0.05)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.38)	0.00	0.00	(0.04)
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	(0.00)	0.28	0.17	0.01	0.31	0.00	0.00	0.00	0.01	0.24	0.05	(0.04)	0.09
	Wet	0.07	0.13	0.62	0.02	0.44	0.00	0.00	0.00	0.02	(0.15)	(0.17)	0.07	0.09
	Above Normal	0.06	(0.18)	0.00	0.00	1.17	0.00	0.00	0.00	0.00	1.92	0.98	(0.34)	0.30
	Below Normal	0.16	1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.01)	0.14
	Dry	(0.25)	0.01	(0.11)	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.18)	(0.04)	(0.05)
	Critical	(0.02)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	(0.02)	0.00	(0.00)

Percent Difference in Energy Use (GWh) At Pumping Plant at CVP Banks: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	30%	35%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	-1%	0%	0%	0%	0%	0%	0%	0%	0%	6%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-13%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	14%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-100%	-100%	0%
1939	Dry	-16%	54%	-100%	0%	0%	0%	0%	0%	0%	0%	-12%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	4%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	-1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	-4%	59%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-5%
1946	Below Normal	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%
1947	Dry	-21%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	17%	80%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	-9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	-3%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-13%
1956	Wet	0%	0%	0%	0%	35%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-11%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	-	0%	0%	0%	2%	2%	4%	0%
1970	Wet	-28%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	6%
1971	Wet	2%	-23%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	-8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	1%	0%	0%	0%	0%	0%	0%	0%	16%	-81%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	1%	61%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	-	0%	0%	0%	0%	-	39%	-100%
1981	Dry	0%	-100%	0%	0%	0%	0%	0%	0%	0%	0%	-5%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	-100%	-9%	42%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-6%	0%
1987	Dry	0%	-	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-37%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-6%	>1,000%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	12%	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	115%	-46%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	>1,000%	0%	0%	0%	0%	0%	0%	10%
2000	Above Normal	14%	-24%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	1%	-1%	0%	0%	0%	0%	0%	0%	-1%	-2%	-1%
	Wet	1%	0%	2%	0%	1%	0%	0%	0%	0%	-4%	-4%	1%
	Above Normal	1%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	3%	-8%
	Below Normal	3%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Dry	-3%	1%	-6%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	-7%	0%

Energy Use (GWh) At Pumping Plant at CVP Dos Amigos: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	5.17	22.14	7.37	12.47	13.35	8.53	11.02	15.66	27.49	33.24	23.17	5.90	185.51
1923	Below Normal	7.40	16.01	6.34	10.69	11.46	4.89	5.96	9.00	15.66	18.89	13.29	3.51	123.10
1924	Critical	10.83	2.25	3.60	5.99	6.47	2.23	2.65	3.92	6.63	10.90	5.77	1.72	62.96
1925	Dry	1.27	1.02	1.53	2.40	2.67	4.01	5.01	7.67	13.29	16.03	18.13	3.05	76.08
1926	Dry	2.29	1.93	3.06	5.05	5.47	2.75	3.24	4.79	8.18	9.83	10.89	2.03	59.51
1927	Wet	1.51	1.23	1.89	3.01	3.32	5.26	6.75	9.99	17.42	21.04	14.76	3.86	90.04
1928	Above Normal	2.92	11.70	4.01	6.69	7.21	4.35	6.11	9.18	15.99	19.30	13.57	3.58	104.61
1929	Critical	2.70	10.67	3.68	6.12	6.61	0.54	0.72	1.05	1.54	1.78	1.51	0.67	37.59
1930	Dry	0.46	0.31	0.34	0.37	0.52	2.64	3.84	5.68	9.76	11.75	13.13	2.35	51.15
1931	Critical	1.76	1.45	2.26	3.64	3.98	2.02	2.41	3.56	6.00	9.76	5.24	1.59	43.67
1932	Dry	1.17	0.93	1.38	2.15	2.40	2.94	3.45	5.11	8.74	10.52	11.69	2.15	52.63
1933	Critical	1.60	1.31	2.02	3.24	3.56	1.49	1.91	2.81	4.66	7.36	4.12	1.31	35.39
1934	Critical	0.96	0.74	1.07	1.61	1.84	2.38	2.82	4.18	7.08	11.71	6.15	1.81	42.35
1935	Below Normal	1.34	1.08	1.64	2.58	2.86	0.54	1.43	6.09	10.48	12.63	8.98	2.50	52.15
1936	Below Normal	7.04	1.55	2.42	3.93	4.29	5.05	5.84	8.68	15.09	18.21	12.82	11.25	96.17
1937	Below Normal	2.56	2.17	3.47	5.76	6.23	1.53	4.55	6.89	11.91	14.35	16.17	2.77	78.36
1938	Wet	2.08	1.74	2.75	4.50	4.89	10.67	12.22	18.19	31.98	40.65	28.42	6.79	164.88
1939	Dry	11.06	12.77	7.37	12.47	13.35	3.46	4.91	7.29	12.61	15.21	15.45	2.91	118.86
1940	Above Normal	2.19	1.84	2.91	4.78	5.19	3.78	5.57	8.52	14.81	17.87	12.59	3.34	83.39
1941	Wet	4.08	8.26	3.41	5.65	6.11	7.71	10.11	14.63	25.66	31.02	21.65	5.54	143.83
1942	Wet	13.87	7.95	5.92	9.96	10.69	8.48	10.99	15.76	27.67	33.46	22.01	5.94	172.70
1943	Wet	11.71	11.86	6.38	10.76	11.53	8.79	10.45	15.54	27.27	32.97	22.98	5.86	176.10
1944	Dry	12.38	10.84	6.29	10.60	11.36	3.25	3.81	5.64	9.68	11.66	13.02	2.34	100.87
1945	Below Normal	1.75	1.44	2.24	3.61	3.95	5.02	7.89	11.73	20.51	24.77	17.34	13.52	113.77
1946	Below Normal	5.37	2.92	4.73	7.91	8.51	6.34	7.81	11.55	20.19	24.39	17.08	12.17	128.97
1947	Dry	6.43	2.88	4.65	7.79	8.38	3.79	6.03	8.95	15.58	18.80	21.36	3.50	108.14
1948	Below Normal	2.64	2.24	3.59	5.95	6.44	2.24	3.43	5.01	8.56	10.30	7.38	2.11	59.89
1949	Dry	5.63	1.29	1.98	3.17	3.48	3.98	7.65	11.43	19.97	24.12	27.57	4.39	114.66
1950	Below Normal	3.32	2.85	4.60	7.70	8.29	3.42	4.97	7.37	12.76	15.38	10.88	2.94	84.48
1951	Above Normal	8.71	1.86	2.94	4.83	5.25	6.82	7.89	11.67	20.41	24.65	17.26	4.48	116.77
1952	Wet	6.56	10.67	4.70	7.87	8.47	9.75	12.22	18.19	31.98	38.68	26.91	6.79	182.79
1953	Wet	9.28	18.03	7.37	12.47	13.35	4.17	5.52	8.23	14.29	17.24	12.15	3.24	125.34
1954	Above Normal	5.76	6.14	3.29	5.44	5.89	4.12	5.31	7.86	13.63	16.44	10.59	3.11	87.58
1955	Dry	4.73	6.59	3.14	5.18	5.62	5.15	5.96	8.85	15.40	18.58	21.11	3.46	103.77
1956	Wet	2.61	2.21	3.54	5.88	6.36	9.58	10.66	14.94	26.21	31.69	22.11	5.65	141.44
1957	Above Normal	10.03	12.27	6.05	10.18	10.92	3.62	3.51	5.15	8.81	10.60	7.59	2.16	90.89
1958	Wet	1.61	5.52	2.04	3.27	3.59	9.02	11.59	18.13	31.89	38.57	26.83	6.77	158.83
1959	Below Normal	5.15	22.07	7.34	12.44	13.31	3.30	4.27	6.80	11.74	14.15	10.03	2.74	113.34
1960	Dry	7.96	1.72	2.71	4.43	4.82	3.05	4.94	7.08	12.25	14.77	8.20	2.84	74.77
1961	Dry	2.14	1.79	2.82	4.63	5.03	4.12	6.12	8.85	15.40	18.58	10.23	3.46	83.17
1962	Below Normal	2.61	2.21	3.54	5.88	6.36	4.46	5.93	8.86	15.42	18.60	13.09	3.46	90.42
1963	Wet	2.61	2.22	3.55	5.89	6.37	4.85	6.22	9.19	16.00	19.31	13.57	3.58	93.36
1964	Dry	2.70	2.30	12.06	6.12	6.61	5.11	5.92	8.79	15.29	18.46	18.74	3.44	105.54
1965	Wet	2.59	2.20	3.52	5.84	6.32	5.20	6.02	14.53	25.48	30.96	5.94	5.51	114.11
1966	Below Normal	15.48	6.03	5.88	9.89	10.61	5.00	6.07	9.30	16.20	20.71	13.75	3.62	122.54
1967	Wet	10.08	2.32	3.73	6.20	6.70	9.87	12.22	18.19	31.98	38.68	26.91	6.79	173.67
1968	Below Normal	5.17	22.14	7.37	12.47	13.35	3.64	4.80	7.02	12.14	14.63	10.36	2.82	115.91
1969	Wet	8.25	1.77	2.80	4.59	4.99	10.67	12.22	18.19	31.98	50.22	31.61	6.79	184.08
1970	Wet	6.58	4.49	7.37	12.47	13.35	6.82	7.89	11.81	20.64	24.94	17.46	8.50	142.32
1971	Wet	9.01	4.45	4.76	7.97	8.57	3.26	4.65	6.95	12.01	14.47	10.25	2.79	89.14
1972	Below Normal	7.77	2.14	2.77	4.54	4.93	4.80	5.45	8.08	14.03	16.92	11.93	3.19	86.55
1973	Above Normal	9.64	2.03	3.23	5.34	5.78	5.45	7.18	10.64	18.57	22.43	15.73	4.10	110.12
1974	Wet	3.10	2.65	4.28	7.14	7.70	9.12	11.18	16.18	28.41	34.35	12.04	6.08	142.23
1975	Wet	4.63	19.57	6.55	11.05	11.84	6.28	8.40	11.65	20.37	24.60	9.11	4.47	138.52
1976	Critical	3.39	13.81	4.69	7.86	8.45	1.96	2.34	3.45	5.81	8.99	5.51	1.55	67.81
1977	Critical	1.14	0.90	1.34	2.07	2.32	1.77	2.13	3.14	5.24	8.41	4.60	1.43	34.49
1978	Above Normal	1.05	0.82	1.21	1.85	2.08	7.23	11.70	17.11	30.07	36.37	25.32	6.41	141.22
1979	Below Normal	10.94	14.71	6.93	11.71	12.54	4.69	7.05	10.48	18.29	22.09	15.49	13.75	148.67
1980	Above Normal	3.06	2.61	4.21	7.03	7.58	9.61	11.07	16.47	28.93	34.98	38.32	7.55	171.42
1981	Dry	4.71	4.08	6.67	11.26	12.06	4.28	5.19	7.99	13.87	16.73	18.95	3.16	108.95
1982	Wet	2.38	2.01	3.19	5.28	5.72	10.42	12.22	18.19	31.98	38.68	26.91	6.79	163.77
1983	Wet	9.69	17.62	7.37	12.47	13.35	10.67	12.22	18.19	31.98	56.33	26.91	6.79	223.59
1984	Wet	8.63	4.49	7.37	12.47	13.35	6.83	7.89	11.71	20.47	24.73	17.31	4.49	139.74
1985	Dry	3.40	2.92	4.72	7.90	8.50	5.00	6.02	9.23	16.07	19.39	22.06	3.59	108.80
1986	Wet	2.71	2.31	3.70	6.15	6.64	6.41	8.62	12.81	22.42	27.10	31.10	4.89	134.86
1987	Dry	3.71	3.19	5.17	8.68	9.32	0.84	3.84	5.68	9.75	16.49	8.38	2.35	77.40
1988	Critical	1.76	1.45	2.25	3.64	3.98	0.62	0.82	1.18	1.78	2.22	1.71	0.72	22.13
1989	Dry	0.50	0.34	0.40	0.47	0.62	0.54	4.63	6.98	12.06	14.54	11.30	2.81	55.19
1990	Critical	2.11	1.76	2.78	4.56	4.96	0.54	0.72	1.05	1.54	1.78	1.51	0.67	23.98
1991	Critical	0.46	0.31	0.34	0.37	0.52	2.53	3.17	4.68	7.98	13.31	6.91	1.99	42.57
1992	Critical	1.48	1.21	1.85	2.94	3.24	2.74	4.14	6.13	8.04	17.94	9.05	2.51	61.27
1993	Above Normal	1.36	1.56	2.44	3.96	4.32	4.94	7.83	10.72	18.71	22.60	15.52	4.13	98.09
1994	Critical	6.66	9.09	4.31	7.20	7.76	6.29	7.17	10.56	18.43	21.76	21.30	4.07	124.60
1995	Wet	3.08	2.63	4.24	7.09	7.64	8.95	11.85	17.30	30.40	36.77	25.60	6.48	162.03
1996	Wet	10.45	15.49	7.01	11.85	12.68	6.75	9.23	13.25	23.21	28.05	14.70	5.05	157.72
1997	Wet	16.38	3.30	5.36	8.99	9.65	8.45	10.28	14.78	25.92	31.34	17.27	5.60	157.32
1998	Wet	8.07	13.98	5.98	10.07	10.80	9.58	12.22	18.18	31.97	38.67	26.90	6.78	193.20
1999	Wet	5.17	4.49	7.36	12.47	13.34	4.76	6.69	9.93	17.32	20.91	14.68	9.49	126.61
2000	Above Normal	5.50	3.38	3.98	6.65	7.17	4.83	6.77	10.01	17.45	21.07	14.79	3.87	105.47
2001	Dry	7.06	7.59	4.02	6.70	7.23	4.35	5.32	7.89	13.70	23.56	11.66	3.13	102.21
2002	Dry	2.35	1.98	3.15	5.21	5.64	4.18	4.89	7.22	12.50	15.07	17.00	2.89	82.08
2003	Above Normal	2.17	1.82	2.88	4.73	5.14	4.98	6.24	9.21	16.04	19.36	13.61	3.59	89.77
	Average	5.09	5.50	4.09	6.64	7.16	5.05	6.56	9.81	17.07	21.47	15.43	4.36	108.22
	Wet	6.41	6.67	4.85	8.13	8.74	7.78	9.64	14.41	25.27	31.75	20.23	5.82	149.70
	Above Normal	4.80	5.68	3.71	6.16	6.66	5.69	7.52	11.02	19.24	23.24	17.34	4.35	115.40
	Below Normal	5.61	7.11	4.49	7.50	8.08	3.92	5.39	8.35	14.50	17.57	12.76	5.74	101.02
	Dry	4.44	3.58	3.97	5.81	6.28	3.52	5.04	7.51	13.01	16.34	15.49	2.99	87.99
	Critical	2.90	3.75	2.52	4.10	4.47	2.09	2.58	3.81	6.23	9.66	6.12	1.67	49.90

Energy Use (GWh) At Pumping Plant at CVP Dos Amigos: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	5.17	22.14	7.37	12.47	13.35	8.49	10.96	15.57	27.32	33.03	21.01	5.87	182.75
1923	Below Normal	8.23	15.03	6.30	10.62	11.39	4.83	5.89	8.88	15.46	18.65	13.12	3.47	121.87
1924	Critical	10.68	2.22	3.56	5.91	6.39	2.34	2.78	4.10	6.96	11.48	6.04	1.78	64.24
1925	Dry	1.32	1.06	1.61	2.53	2.80	3.78	4.44	6.81	11.76	14.17	15.95	2.75	68.98
1926	Dry	2.06	1.72	2.71	4.44	4.83	3.07	3.60	5.33	9.14	11.00	12.25	2.23	62.38
1927	Wet	1.67	1.37	2.11	3.40	3.72	5.15	6.63	9.81	17.11	20.65	14.50	3.80	89.92
1928	Above Normal	2.87	11.47	3.94	6.56	7.08	4.39	6.14	9.20	16.01	19.33	13.59	3.58	104.16
1929	Critical	2.70	10.69	3.68	6.13	6.62	0.54	0.72	1.05	1.54	1.78	1.51	0.67	37.63
1930	Dry	0.46	0.31	0.34	0.37	0.52	2.69	3.88	5.75	9.87	11.89	13.29	2.38	51.75
1931	Critical	1.78	1.47	2.28	3.69	4.03	2.03	2.43	3.58	6.03	9.82	5.26	1.59	43.99
1932	Dry	1.17	0.93	1.39	2.16	2.41	2.94	3.45	5.11	8.74	10.52	11.69	2.15	52.66
1933	Critical	1.60	1.31	2.02	3.24	3.56	1.49	1.91	2.82	4.67	7.40	4.13	1.31	35.46
1934	Critical	0.96	0.75	1.07	1.62	1.84	2.39	2.83	4.19	7.10	11.74	6.16	1.81	42.46
1935	Below Normal	1.34	1.08	1.64	2.59	2.87	0.54	1.43	6.12	10.53	12.69	9.03	2.51	52.37
1936	Below Normal	7.07	1.56	2.43	3.95	4.31	5.05	5.84	8.68	15.09	18.21	12.82	11.25	96.26
1937	Below Normal	2.56	2.17	3.47	5.76	6.23	1.52	4.55	6.86	11.86	14.29	16.10	2.77	78.14
1938	Wet	2.08	1.74	2.74	4.48	4.87	10.67	12.22	18.19	31.98	38.68	26.91	6.79	161.35
1939	Dry	10.10	17.21	7.37	12.47	13.35	3.19	4.41	6.53	11.27	13.59	7.57	2.65	109.71
1940	Above Normal	1.99	1.66	2.60	4.25	4.62	4.06	5.90	9.01	15.69	18.93	13.32	3.52	85.55
1941	Wet	4.27	8.84	3.61	6.00	6.48	7.59	9.93	14.37	25.19	30.45	21.25	5.45	143.43
1942	Wet	13.67	7.73	5.81	9.77	10.49	8.45	10.96	15.71	27.58	33.35	17.14	5.92	166.58
1943	Wet	11.71	11.78	6.36	10.72	11.49	8.68	10.38	15.44	27.10	32.77	22.78	5.83	175.04
1944	Dry	12.07	11.00	6.25	10.53	11.29	3.17	3.72	5.51	9.44	11.37	12.68	2.29	99.32
1945	Below Normal	1.71	1.41	2.18	3.52	3.85	4.89	7.65	11.38	19.88	24.02	16.82	12.95	110.26
1946	Below Normal	5.36	2.83	4.58	7.67	8.25	6.18	7.63	11.28	19.71	23.81	16.68	12.43	126.41
1947	Dry	5.72	2.81	4.54	7.60	8.18	3.81	6.07	9.02	15.69	18.94	21.53	3.52	107.43
1948	Below Normal	2.65	2.25	3.61	6.00	6.49	2.24	3.41	4.97	8.50	10.22	7.33	2.10	59.77
1949	Dry	5.58	1.28	1.96	3.14	3.45	3.98	7.66	11.45	20.01	24.17	27.62	4.39	114.69
1950	Below Normal	3.33	2.85	4.61	7.72	8.30	3.41	4.96	7.36	12.74	15.36	10.86	2.94	84.44
1951	Above Normal	8.69	1.85	2.94	4.83	5.24	6.82	7.89	11.67	20.41	24.65	17.26	4.48	116.73
1952	Wet	6.56	10.67	4.70	7.87	8.47	9.73	12.22	18.19	31.98	38.68	26.91	6.79	182.77
1953	Wet	9.96	17.35	7.37	12.47	13.35	3.95	5.27	7.85	13.61	16.42	11.59	3.11	122.30
1954	Above Normal	5.64	5.66	3.14	5.17	5.61	4.16	5.37	7.94	13.78	16.63	10.66	3.14	86.90
1955	Dry	4.68	6.78	3.18	5.24	5.68	5.13	5.94	8.83	15.36	18.53	21.05	3.45	103.85
1956	Wet	2.60	2.21	3.53	5.87	6.34	9.38	10.66	14.94	26.21	31.69	22.11	5.65	141.19
1957	Above Normal	10.02	12.28	6.05	10.18	10.92	3.62	3.51	5.15	8.81	10.61	7.59	2.16	90.90
1958	Wet	1.61	5.52	2.04	3.27	3.59	9.02	11.59	17.62	30.98	37.47	26.08	6.59	155.38
1959	Below Normal	5.02	21.42	7.14	12.07	12.93	3.36	4.42	6.74	11.65	14.04	9.95	2.72	111.46
1960	Dry	7.89	1.71	2.69	4.39	4.78	3.05	4.94	7.09	12.26	14.78	8.21	2.84	74.63
1961	Dry	2.14	1.79	2.83	4.64	5.04	4.12	6.11	8.85	15.39	18.57	10.23	3.46	83.17
1962	Below Normal	2.61	2.21	3.54	5.88	6.36	4.47	5.93	8.86	15.42	18.61	13.09	3.46	90.44
1963	Wet	2.61	2.22	3.55	5.89	6.37	4.79	6.15	9.09	15.82	19.10	13.43	3.54	92.56
1964	Dry	2.67	2.27	11.92	6.05	6.54	5.13	5.94	8.82	15.34	18.51	18.78	3.45	105.42
1965	Wet	2.60	2.21	3.53	5.86	6.34	5.07	5.88	13.90	24.35	29.59	6.35	5.29	110.97
1966	Below Normal	15.30	5.23	5.62	9.44	10.13	5.07	6.15	9.14	15.91	20.36	13.50	3.56	119.41
1967	Wet	9.86	2.28	3.66	6.09	6.58	9.83	12.22	18.19	31.98	38.68	26.91	6.79	173.07
1968	Below Normal	5.17	22.14	7.37	12.47	13.35	3.63	4.79	7.00	12.11	14.60	10.34	2.81	115.78
1969	Wet	8.23	1.77	2.79	4.58	4.98	10.67	12.22	18.19	31.98	50.42	31.80	6.79	184.42
1970	Wet	6.20	4.49	7.37	12.47	13.35	6.82	7.89	11.81	20.64	24.94	17.46	8.75	142.19
1971	Wet	9.11	4.11	4.76	7.97	8.57	3.25	4.65	6.94	11.99	14.46	10.24	2.79	88.84
1972	Below Normal	7.79	2.11	2.77	4.53	4.93	4.80	5.45	8.08	14.03	16.93	11.94	3.19	86.55
1973	Above Normal	9.64	2.03	3.23	5.34	5.79	5.45	7.18	10.64	18.57	22.43	15.72	4.10	110.12
1974	Wet	3.10	2.65	4.28	7.14	7.70	8.58	11.10	15.72	27.60	33.37	10.67	5.92	137.83
1975	Wet	4.51	19.00	6.37	10.73	11.50	6.33	8.46	11.74	20.53	24.80	9.17	4.50	137.64
1976	Critical	3.41	13.92	4.73	7.92	8.52	1.95	2.33	3.44	5.78	9.30	5.14	1.54	67.98
1977	Critical	1.13	0.90	1.33	2.06	2.31	1.77	2.13	3.14	5.24	8.41	4.60	1.43	34.45
1978	Above Normal	1.05	0.82	1.21	1.85	2.08	7.07	11.32	16.25	28.53	34.50	24.04	6.11	134.83
1979	Below Normal	10.76	13.56	6.58	11.10	11.90	4.57	7.05	10.49	18.31	22.11	15.50	13.76	145.69
1980	Above Normal	3.06	2.61	4.21	7.04	7.59	9.50	10.94	16.28	28.58	45.27	29.05	6.12	170.25
1981	Dry	4.66	4.03	6.59	11.12	11.92	4.30	4.96	7.64	13.24	15.97	18.05	3.04	105.52
1982	Wet	2.28	1.92	3.05	5.03	5.45	10.23	12.22	18.19	31.98	38.68	26.91	6.79	162.73
1983	Wet	5.17	22.14	7.37	12.47	13.35	10.67	12.22	18.19	31.98	56.33	26.91	6.79	223.59
1984	Wet	8.63	4.49	7.37	12.47	13.35	6.83	7.89	11.71	20.47	24.73	17.31	4.49	139.74
1985	Dry	3.40	2.92	4.72	7.90	8.50	5.00	6.02	9.23	16.07	19.39	22.06	3.59	108.80
1986	Wet	2.71	2.31	3.70	6.15	6.64	6.31	8.62	12.81	22.42	27.10	30.33	4.89	133.99
1987	Dry	3.71	3.90	5.17	8.68	9.32	0.79	3.80	5.63	9.66	16.32	8.30	2.33	77.61
1988	Critical	1.75	1.44	2.23	3.60	3.94	0.59	0.78	1.13	1.69	2.05	1.64	0.70	21.54
1989	Dry	0.49	0.33	0.38	0.43	0.59	0.54	4.67	6.97	12.04	14.52	12.06	2.80	55.82
1990	Critical	2.10	1.76	2.78	4.55	4.95	0.54	0.72	1.05	1.54	1.78	1.51	0.67	23.95
1991	Critical	0.46	0.31	0.34	0.37	0.52	2.53	3.16	4.67	7.96	13.08	7.09	1.99	42.48
1992	Critical	1.48	1.20	1.84	2.93	3.23	2.74	4.13	6.12	8.06	17.89	9.03	2.51	61.16
1993	Above Normal	1.36	1.56	2.43	3.95	4.31	4.92	7.79	10.65	18.59	22.45	15.45	4.10	97.56
1994	Critical	6.64	9.00	4.28	7.15	7.71	6.30	7.18	10.57	18.45	21.82	21.31	4.08	124.49
1995	Wet	3.08	2.64	4.25	7.10	7.65	8.80	11.37	16.36	28.74	34.75	24.21	6.15	155.10
1996	Wet	10.85	13.64	6.62	11.18	11.98	6.82	9.31	13.37	23.42	28.30	10.09	5.09	150.67
1997	Wet	16.54	3.33	5.41	9.07	9.74	8.35	10.20	14.50	25.43	30.74	9.42	5.50	148.23
1998	Wet	12.40	9.22	5.87	9.87	10.59	9.42	12.08	17.68	31.09	37.60	26.17	6.61	188.60
1999	Wet	5.03	4.37	7.16	12.12	12.97	4.81	6.76	10.02	17.49	21.11	14.82	10.12	126.78
2000	Above Normal	5.90	2.54	4.02	6.71	7.24	4.82	6.76	9.99	17.43	21.04	14.77	3.86	105.08
2001	Dry	7.04	7.58	4.01	6.69	7.22	4.36	5.33	7.91	13.72	23.60	11.68	3.13	102.27
2002	Dry	2.36	1.99	3.16	5.22	5.65	4.18	4.89	7.22	12.49	15.06	16.99	2.89	82.10
2003	Above Normal	2.17	1.82	2.88	4.73	5.14	4.97	6.23	9.20	16.01	19.33	13.59	3.58	89.65
	Average	5.07	5.45	4.05	6.58	7.10	5.02	6.53	9.73	16.92	21.40	14.85	4.33	107.00
	Wet	6.42	6.54	4.82	8.08	8.69	7.70	9.58	14.25	24.99	31.34	19.29	5.80	147.50
	Above Normal	4.80	5.54	3.67	6.09	6.58	5.69	7.50	10.96	19.14	24.02	16.34	4.22	114.54
	Below Normal	5.64	6.85	4.42	7.38	7.95	3.90	5.37	8.27	14.37	17.42	12.65	5.71	99.92
	Dry	4.31	3.87	3.93	5.76	6.23	3.51	4.99	7.43	12.86	16.16	15.00	2.96	87.01
	Critical	2.89	3.75	2.51	4.10	4.47	2.10	2.59	3.82	6.25	9.71	6.12	1.67	49.99

Difference in Energy Use (GWh) At Pumping Plant at CVP Dos Amigos: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.04)	(0.06)	(0.09)	(0.17)	(0.21)	(2.16)	(0.03)	(0.23)
1923	Below Normal	0.83	(0.98)	(0.04)	(0.07)	(0.07)	(0.06)	(0.07)	(0.12)	(0.20)	(0.24)	(0.17)	(0.04)	(0.10)
1924	Critical	(0.15)	(0.03)	(0.04)	(0.08)	(0.08)	0.11	0.13	0.18	0.33	0.58	0.27	0.06	0.11
1925	Dry	0.05	0.04	0.08	0.13	0.13	(0.23)	(0.57)	(0.86)	(1.53)	(1.86)	(2.18)	(0.30)	(0.59)
1926	Dry	(0.23)	(0.21)	(0.35)	(0.61)	(0.64)	0.32	0.36	0.54	0.96	1.17	1.36	0.20	0.24
1927	Wet	0.16	0.14	0.22	0.39	0.40	(0.11)	(0.12)	(0.18)	(0.31)	(0.39)	(0.26)	(0.06)	(0.01)
1928	Above Normal	(0.05)	(0.23)	(0.07)	(0.13)	(0.13)	0.04	0.03	0.02	0.02	0.03	0.02	0.00	(0.04)
1929	Critical	0.00	0.02	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.05	0.04	0.07	0.11	0.14	0.16	0.03	0.05
1931	Critical	0.02	0.02	0.02	0.05	0.05	0.01	0.02	0.02	0.03	0.06	0.02	0.00	0.03
1932	Dry	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.04	0.01	0.00	0.01
1934	Critical	0.00	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.02	0.03	0.01	0.00	0.01
1935	Below Normal	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.03	0.05	0.06	0.05	0.01	0.02
1936	Below Normal	0.03	0.01	0.01	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.03)	(0.05)	(0.06)	(0.07)	0.00	(0.02)
1938	Wet	0.00	0.00	(0.01)	(0.02)	(0.02)	0.00	0.00	0.00	0.00	(1.97)	(1.51)	0.00	(0.29)
1939	Dry	(0.96)	4.44	0.00	0.00	0.00	(0.27)	(0.50)	(0.76)	(1.34)	(1.62)	(7.88)	(0.26)	(0.76)
1940	Above Normal	(0.20)	(0.18)	(0.31)	(0.53)	(0.57)	0.28	0.33	0.49	0.88	1.06	0.73	0.18	0.18
1941	Wet	0.19	0.58	0.20	0.35	0.37	(0.12)	(0.18)	(0.26)	(0.47)	(0.57)	(0.40)	(0.09)	(0.03)
1942	Wet	(0.20)	(0.22)	(0.11)	(0.19)	(0.20)	(0.03)	(0.03)	(0.05)	(0.09)	(0.11)	(4.87)	(0.02)	(0.51)
1943	Wet	0.00	(0.08)	(0.02)	(0.04)	(0.04)	(0.11)	(0.07)	(0.10)	(0.17)	(0.20)	(0.20)	(0.03)	(0.09)
1944	Dry	(0.31)	0.16	(0.04)	(0.07)	(0.07)	(0.08)	(0.09)	(0.13)	(0.24)	(0.29)	(0.34)	(0.05)	(0.13)
1945	Below Normal	(0.04)	(0.03)	(0.06)	(0.09)	(0.10)	(0.13)	(0.24)	(0.35)	(0.63)	(0.75)	(0.52)	(0.57)	(0.29)
1946	Below Normal	(0.01)	(0.09)	(0.15)	(0.24)	(0.26)	(0.16)	(0.18)	(0.27)	(0.48)	(0.58)	(0.40)	0.26	(0.21)
1947	Dry	(0.71)	(0.07)	(0.11)	(0.19)	(0.20)	0.02	0.04	0.07	0.11	0.14	0.17	0.02	(0.06)
1948	Below Normal	0.01	0.01	0.02	0.05	0.05	0.00	(0.02)	(0.04)	(0.06)	(0.08)	(0.05)	(0.01)	(0.01)
1949	Dry	(0.05)	(0.01)	(0.02)	(0.03)	(0.03)	0.00	0.01	0.02	0.04	0.05	0.05	0.00	0.00
1950	Below Normal	0.01	0.00	0.01	0.02	0.01	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	0.00	0.00
1951	Above Normal	(0.02)	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.68	(0.68)	0.00	0.00	0.00	(0.22)	(0.25)	(0.38)	(0.68)	(0.82)	(0.56)	(0.13)	(0.25)
1954	Above Normal	(0.12)	(0.48)	(0.15)	(0.27)	(0.28)	0.04	0.06	0.08	0.15	0.19	0.07	0.03	(0.06)
1955	Dry	(0.05)	0.19	0.04	0.06	0.06	(0.02)	(0.02)	(0.02)	(0.04)	(0.05)	(0.06)	(0.01)	0.01
1956	Wet	(0.01)	0.00	(0.01)	(0.01)	(0.02)	(0.20)	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1957	Above Normal	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.51)	(0.91)	(1.10)	(0.75)	(0.18)	(0.29)
1959	Below Normal	(0.13)	(0.65)	(0.20)	(0.37)	(0.38)	0.06	0.15	(0.06)	(0.09)	(0.11)	(0.08)	(0.02)	(0.16)
1960	Dry	(0.07)	(0.01)	(0.02)	(0.04)	(0.04)	0.00	0.00	0.01	0.01	0.01	0.01	0.00	(0.01)
1961	Dry	0.00	0.00	0.01	0.01	0.01	0.00	(0.01)	0.00	(0.01)	(0.01)	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	(0.06)	(0.07)	(0.10)	(0.18)	(0.21)	(0.14)	(0.04)	(0.07)
1964	Dry	(0.03)	(0.03)	(0.14)	(0.07)	(0.07)	0.02	0.02	0.03	0.05	0.05	0.04	0.01	(0.01)
1965	Wet	0.01	0.01	0.01	0.02	0.02	(0.13)	(0.14)	(0.63)	(1.13)	(1.37)	0.41	(0.22)	(0.26)
1966	Below Normal	(0.18)	(0.80)	(0.26)	(0.45)	(0.48)	0.07	0.08	(0.16)	(0.29)	(0.35)	(0.25)	(0.06)	(0.26)
1967	Wet	(0.22)	(0.04)	(0.07)	(0.11)	(0.12)	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.03)	(0.03)	(0.02)	(0.01)	(0.01)
1969	Wet	(0.02)	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.20	0.19	0.00	0.03
1970	Wet	(0.38)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	(0.01)
1971	Wet	0.10	(0.34)	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.02)	(0.01)	(0.01)	0.00	(0.02)
1972	Below Normal	0.02	(0.03)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	(0.54)	(0.08)	(0.46)	(0.81)	(0.98)	(1.37)	(0.16)	(0.37)
1975	Wet	(0.12)	(0.57)	(0.18)	(0.32)	(0.34)	0.05	0.06	0.09	0.16	0.20	0.06	0.03	(0.07)
1976	Critical	0.02	0.11	0.04	0.06	0.07	(0.01)	(0.01)	(0.01)	(0.03)	0.31	(0.37)	(0.01)	0.01
1977	Critical	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.16)	(0.38)	(0.86)	(1.54)	(1.87)	(1.28)	(0.30)	(0.53)
1979	Below Normal	(0.18)	(1.15)	(0.35)	(0.61)	(0.64)	(0.12)	0.00	0.01	0.02	0.02	0.01	0.01	(0.25)
1980	Above Normal	0.00	0.00	0.00	0.01	0.01	(0.11)	(0.13)	(0.19)	(0.35)	10.29	(9.27)	(1.43)	(0.10)
1981	Dry	(0.05)	(0.05)	(0.08)	(0.14)	(0.14)	0.02	(0.23)	(0.35)	(0.63)	(0.76)	(0.90)	(0.12)	(0.29)
1982	Wet	(0.10)	(0.09)	(0.14)	(0.25)	(0.27)	(0.19)	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)
1983	Wet	(4.52)	4.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(0.10)	0.00	0.00	0.00	0.00	(0.77)	0.00	(0.07)
1987	Dry	0.00	0.71	0.00	0.00	0.00	(0.05)	(0.04)	(0.05)	(0.09)	(0.17)	(0.08)	(0.02)	0.02
1988	Critical	(0.01)	(0.01)	(0.02)	(0.04)	(0.04)	(0.03)	(0.04)	(0.05)	(0.09)	(0.17)	(0.07)	(0.02)	(0.05)
1989	Dry	(0.01)	(0.01)	(0.02)	(0.04)	(0.03)	0.00	0.04	(0.01)	(0.02)	(0.02)	0.76	(0.01)	0.05
1990	Critical	(0.01)	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.23)	0.18	0.00	(0.01)
1992	Critical	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00	(0.01)	(0.01)	0.02	(0.05)	(0.02)	0.00	(0.01)
1993	Above Normal	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.02)	(0.04)	(0.07)	(0.12)	(0.15)	(0.07)	(0.03)	(0.04)
1994	Critical	(0.02)	(0.09)	(0.03)	(0.05)	(0.05)	0.01	0.01	0.01	0.02	0.06	0.01	0.01	(0.01)
1995	Wet	0.00	0.01	0.01	0.01	0.01	(0.15)	(0.48)	(0.94)	(1.66)	(2.02)	(1.39)	(0.33)	(0.58)
1996	Wet	0.40	(1.85)	(0.39)	(0.67)	(0.70)	0.07	0.08	0.12	0.21	0.25	(4.61)	0.04	(0.59)
1997	Wet	0.16	0.03	0.05	0.08	0.09	(0.10)	(0.08)	(0.28)	(0.49)	(0.60)	(7.85)	(0.10)	(0.76)
1998	Wet	4.33	(4.76)	(0.11)	(0.20)	(0.21)	(0.16)	(0.14)	(0.50)	(0.88)	(1.07)	(0.73)	(0.17)	(0.38)
1999	Wet	(0.14)	(0.12)	(0.20)	(0.35)	(0.37)	0.05	0.07	0.09	0.17	0.20	0.14	0.63	0.01
2000	Above Normal	0.40	(0.84)	0.04	0.06	0.07	(0.01)	(0.01)	(0.02)	(0.02)	(0.03)	(0.02)	(0.01)	(0.03)
2001	Dry	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	0.01	0.01	0.02	0.02	0.04	0.02	0.00	0.01
2002	Dry	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.03)	(0.03)	(0.02)	(0.01)	(0.01)
	Average	(0.02)	(0.05)	(0.04)	(0.06)	(0.06)	(0.03)	(0.03)	(0.09)	(0.15)	(0.07)	(0.57)	(0.04)	(0.10)
	Wet	0.01	(0.13)	(0.03)	(0.05)	(0.05)	(0.08)	(0.05)	(0.16)	(0.28)	(0.41)	(0.95)	(0.02)	(0.18)
	Above Normal	(0.00)	(0.14)	(0.04)	(0.07)	(0.08)	0.00	(0.02)	(0.05)	(0.10)	0.77	(1.00)	(0.13)	(0.07)
	Below Normal	0.03	(0.27)	(0.07)	(0.12)	(0.13)	(0.03)	(0.02)	(0.07)	(0.13)	(0.15)	(0.11)	(0.03)	(0.09)
	Dry	(0.14)	0.29	(0.04)	(0.05)	(0.06)	(0.01)	(0.05)	(0.08)	(0.15)	(0.18)	(0.49)	(0.03)	(0.08)
	Critical	(0.01)	0.00	(0.00)	(0.01)	(0.01)	0.01	0.01	0.01	0.02	0.05	0.00	0.00	0.01

Percent Difference in Energy Use (GWh) At Pumping Plant at CVP Dos Amigos: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-9%	-1%
1923	Below Normal	11%	-6%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1924	Critical	-1%	-1%	-1%	-1%	-1%	5%	5%	5%	5%	5%	5%	3%
1925	Dry	4%	4%	5%	5%	5%	-6%	-11%	-11%	-12%	-12%	-12%	-10%
1926	Dry	-10%	-11%	-11%	-12%	-12%	12%	11%	11%	12%	12%	12%	10%
1927	Wet	11%	11%	12%	13%	12%	-2%	-2%	-2%	-2%	-2%	-2%	-2%
1928	Above Normal	-2%	-2%	-2%	-2%	-2%	1%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	2%	1%	1%	1%	1%	1%	1%
1931	Critical	1%	1%	1%	1%	1%	0%	1%	1%	1%	1%	0%	0%
1932	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1934	Critical	0%	1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1936	Below Normal	0%	1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-5%	-5%	0%
1939	Dry	-9%	35%	0%	0%	0%	-8%	-10%	-10%	-11%	-11%	-51%	-9%
1940	Above Normal	-9%	-10%	-11%	-11%	-11%	7%	6%	6%	6%	6%	6%	5%
1941	Wet	5%	7%	6%	6%	6%	-2%	-2%	-2%	-2%	-2%	-2%	-2%
1942	Wet	-1%	-3%	-2%	-2%	-2%	0%	0%	0%	0%	0%	-22%	0%
1943	Wet	0%	-1%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1944	Dry	-3%	1%	-1%	-1%	-1%	-2%	-2%	-2%	-2%	-2%	-3%	-2%
1945	Below Normal	-2%	-2%	-3%	-2%	-3%	-3%	-3%	-3%	-3%	-3%	-3%	-4%
1946	Below Normal	0%	-3%	-3%	-3%	-3%	-3%	-2%	-2%	-2%	-2%	-2%	2%
1947	Dry	-11%	-2%	-2%	-2%	-2%	1%	1%	1%	1%	1%	1%	1%
1948	Below Normal	0%	0%	1%	1%	1%	0%	-1%	-1%	-1%	-1%	-1%	0%
1949	Dry	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	7%	-4%	0%	0%	0%	-5%	-5%	-5%	-5%	-5%	-5%	-4%
1954	Above Normal	-2%	-8%	-5%	-5%	-5%	1%	1%	1%	1%	1%	1%	1%
1955	Dry	-1%	3%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	-3%	-3%	-3%	-3%	-3%
1959	Below Normal	-3%	-3%	-3%	-3%	-3%	2%	4%	-1%	-1%	-1%	-1%	-1%
1960	Dry	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1964	Dry	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-3%	-2%	-4%	-4%	-4%	7%	-4%
1966	Below Normal	-1%	-13%	-4%	-5%	-5%	1%	1%	-2%	-2%	-2%	-2%	-2%
1967	Wet	-2%	-2%	-2%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1970	Wet	-6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1971	Wet	1%	-8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	-6%	-1%	-3%	-3%	-3%	-11%	-3%
1975	Wet	-3%	-3%	-3%	-3%	-3%	1%	1%	1%	1%	1%	1%	1%
1976	Critical	1%	1%	1%	1%	1%	-1%	0%	0%	-1%	3%	-7%	-1%
1977	Critical	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	-2%	-3%	-5%	-5%	-5%	-5%	-5%
1979	Below Normal	-2%	-8%	-5%	-5%	-5%	-3%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	29%	-24%	-19%
1981	Dry	-1%	-1%	-1%	-1%	-1%	0%	-4%	-4%	-5%	-5%	-5%	-4%
1982	Wet	-4%	-4%	-4%	-5%	-5%	-2%	0%	0%	0%	0%	0%	0%
1983	Wet	-47%	26%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	-2%	0%
1987	Dry	0%	22%	0%	0%	0%	-6%	-1%	-1%	-1%	-1%	-1%	-1%
1988	Critical	-1%	-1%	-1%	-1%	-1%	-5%	-5%	-4%	-5%	-8%	-4%	-3%
1989	Dry	-2%	-3%	-5%	-9%	-5%	0%	1%	0%	0%	0%	7%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	3%	0%
1992	Critical	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	0%	-1%
1994	Critical	0%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-2%	-4%	-5%	-5%	-5%	-5%	-5%
1996	Wet	4%	-12%	-6%	-6%	-6%	1%	1%	1%	1%	1%	-31%	1%
1997	Wet	1%	1%	1%	1%	1%	-1%	-1%	-2%	-2%	-2%	-45%	-2%
1998	Wet	54%	-34%	-2%	-2%	-2%	-2%	-1%	-3%	-3%	-3%	-3%	-3%
1999	Wet	-3%	-3%	-3%	-3%	-3%	1%	1%	1%	1%	1%	1%	7%
2000	Above Normal	7%	-25%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	-1%	-1%	-1%	-1%	0%	0%	-1%	-1%	0%	-3%	-1%
	Wet	1%	-1%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-5%	-1%
	Above Normal	0%	-4%	-1%	-1%	-1%	0%	0%	0%	0%	3%	-3%	-2%
	Below Normal	0%	-3%	-1%	-1%	-1%	0%	0%	-1%	-1%	-1%	-1%	0%
	Dry	-2%	3%	-1%	-1%	-1%	0%	-1%	-1%	-1%	-1%	-3%	-1%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Energy Use (GWh) At Pumping Plant at CVP San Luis: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	19.36	37.83	50.06	27.84	9.76	52.24	0.00	0.00	0.00	0.00	0.00	12.28	209.37
1923	Below Normal	17.42	41.25	50.85	38.21	34.85	19.35	0.00	0.00	0.00	0.00	0.00	15.94	217.87
1924	Critical	30.34	49.67	49.01	41.13	10.67	0.00	0.00	0.00	0.00	0.00	0.00	5.06	185.88
1925	Dry	13.84	2.87	54.20	46.02	25.24	14.93	0.00	0.00	0.00	0.00	0.00	3.55	160.65
1926	Dry	16.73	40.79	41.78	39.74	5.00	0.00	0.00	0.00	0.00	0.00	0.00	10.97	155.01
1927	Wet	13.87	49.95	50.80	29.56	50.93	34.86	0.00	0.00	0.00	0.00	0.00	4.47	234.44
1928	Above Normal	3.73	40.49	61.29	41.69	8.58	45.78	0.00	0.00	0.00	0.00	0.00	11.68	213.24
1929	Critical	6.77	17.76	56.78	35.89	25.67	18.43	0.00	0.00	0.00	0.00	18.11	5.32	184.73
1930	Dry	13.00	20.28	43.25	33.40	29.24	16.03	0.00	0.00	0.00	0.00	0.00	0.00	155.20
1931	Critical	11.63	31.32	39.99	42.50	41.66	0.00	0.00	0.00	0.00	0.00	0.00	5.90	173.00
1932	Dry	12.34	13.07	62.26	50.54	60.51	0.00	0.00	0.00	0.00	0.00	0.00	34.45	233.17
1933	Critical	20.01	30.70	60.98	62.29	13.08	3.65	0.00	0.00	0.00	0.00	25.49	31.26	247.46
1934	Critical	21.87	20.42	35.99	1.72	1.02	0.00	0.00	0.00	0.00	0.00	0.00	3.75	84.77
1935	Below Normal	9.15	23.40	50.35	47.52	31.77	21.24	0.00	0.00	0.00	0.00	0.00	18.25	201.68
1936	Below Normal	26.96	38.33	58.44	24.59	15.85	4.57	0.00	0.00	0.00	0.00	0.00	21.73	190.47
1937	Below Normal	27.82	48.32	59.89	30.12	2.05	3.78	0.92	0.00	0.00	0.00	0.00	24.13	197.03
1938	Wet	16.19	57.73	60.45	3.20	1.86	5.93	0.00	15.67	0.00	0.00	0.00	9.53	170.56
1939	Dry	15.69	0.00	61.01	28.63	28.94	0.00	0.00	0.00	0.00	0.00	0.00	11.58	145.85
1940	Above Normal	9.52	23.64	15.74	19.43	28.12	46.35	0.00	0.00	0.00	0.00	0.00	2.74	145.54
1941	Wet	7.28	18.68	47.12	51.66	60.04	47.87	0.00	0.00	0.00	0.00	0.00	14.18	246.83
1942	Wet	9.03	60.93	54.17	60.92	50.97	43.37	0.00	0.00	0.00	0.00	0.00	10.60	289.99
1943	Wet	11.88	59.70	41.05	52.98	40.40	63.14	0.00	0.00	0.00	0.00	0.00	9.14	278.29
1944	Dry	8.38	31.56	44.70	26.90	21.13	11.85	0.00	0.00	0.00	0.00	0.00	2.49	147.01
1945	Below Normal	10.76	42.25	52.46	47.33	62.41	49.09	0.00	0.00	0.00	0.00	0.00	16.56	280.86
1946	Below Normal	26.38	51.01	66.17	60.99	51.55	26.01	0.00	0.00	0.00	0.00	0.00	16.78	298.89
1947	Dry	28.42	50.37	59.06	53.58	29.40	0.00	0.00	0.00	0.00	0.00	0.00	8.25	229.08
1948	Below Normal	10.56	36.60	39.62	14.05	0.00	14.04	0.00	0.00	0.00	0.00	5.46	17.30	137.63
1949	Dry	28.40	47.31	58.43	44.87	38.66	1.37	0.00	0.00	0.00	0.00	0.00	11.00	230.04
1950	Below Normal	16.18	32.30	43.30	13.45	9.41	27.14	0.00	0.00	0.00	0.00	0.00	15.80	157.58
1951	Above Normal	31.18	51.95	76.58	77.79	1.93	5.30	0.00	0.00	0.00	0.00	0.00	15.33	260.06
1952	Wet	10.47	45.86	47.10	57.70	45.81	49.22	0.00	0.00	0.00	0.00	0.00	10.40	266.56
1953	Wet	4.35	45.87	57.46	23.02	20.36	34.86	0.00	0.00	0.00	0.00	0.00	17.72	203.64
1954	Above Normal	0.00	45.03	50.43	17.27	15.14	27.61	0.00	0.00	0.00	0.00	0.00	13.83	169.31
1955	Dry	8.21	38.40	59.72	46.57	38.09	9.54	0.00	0.00	0.00	0.00	0.00	18.79	219.32
1956	Wet	9.37	39.81	65.88	73.45	78.77	6.04	0.00	0.00	0.00	0.00	0.00	11.61	284.93
1957	Above Normal	10.84	56.73	46.45	27.47	0.00	0.00	0.00	0.00	0.00	0.00	5.03	13.19	159.71
1958	Wet	29.41	51.95	51.08	32.96	53.11	42.26	0.00	0.00	0.00	0.00	0.00	9.57	270.34
1959	Below Normal	10.89	46.52	50.17	3.38	5.34	25.55	0.00	0.00	0.00	0.00	1.00	4.42	147.27
1960	Dry	13.13	26.61	42.97	36.79	14.65	12.34	0.00	0.00	0.00	0.00	0.00	12.20	158.69
1961	Dry	10.71	28.47	57.23	39.62	10.24	26.06	0.00	0.00	0.00	0.00	0.00	15.55	187.88
1962	Below Normal	8.00	25.08	21.09	35.06	21.57	31.63	0.00	0.00	0.00	0.00	0.00	9.77	152.20
1963	Wet	26.55	50.85	46.76	24.77	25.39	32.09	0.00	0.00	0.00	0.00	0.00	0.00	206.41
1964	Dry	11.00	52.29	68.20	45.36	24.07	13.07	0.00	0.00	0.00	0.00	0.00	13.60	227.59
1965	Wet	8.21	18.08	41.60	60.79	51.07	39.93	0.00	0.00	0.00	0.00	0.00	9.36	229.04
1966	Below Normal	3.98	52.24	54.15	41.02	28.40	18.36	0.00	0.00	0.00	0.00	0.00	11.64	209.79
1967	Wet	14.57	31.37	45.12	45.07	35.74	36.87	0.00	0.00	0.00	0.00	0.00	9.64	218.38
1968	Below Normal	17.47	17.36	56.71	27.33	0.00	31.48	0.00	0.00	0.00	0.00	0.49	5.50	156.34
1969	Wet	23.31	41.09	66.23	75.73	72.19	6.00	6.35	8.86	2.95	0.00	0.00	3.18	305.89
1970	Wet	18.67	0.00	51.42	81.37	24.85	5.33	0.00	0.00	0.00	0.00	0.00	7.86	189.50
1971	Wet	9.98	15.68	44.96	31.75	20.74	38.64	0.00	0.00	0.00	0.00	0.66	13.57	175.98
1972	Below Normal	13.27	17.59	59.40	40.63	8.05	6.30	0.00	0.00	0.00	0.00	0.00	9.16	154.40
1973	Above Normal	17.55	49.94	48.82	35.22	52.37	43.66	0.00	0.00	0.00	0.00	0.00	0.00	247.56
1974	Wet	29.76	51.82	63.79	70.22	41.84	22.52	0.00	0.00	0.00	0.00	0.00	10.17	290.12
1975	Wet	21.32	52.13	53.74	28.46	11.89	43.58	0.00	0.00	0.00	0.00	0.00	12.09	223.21
1976	Critical	25.77	36.99	57.07	41.82	47.19	25.41	0.00	0.00	0.00	0.00	0.00	0.00	234.25
1977	Critical	3.50	25.91	27.47	31.21	35.61	0.00	0.00	0.00	0.00	0.00	10.58	0.00	134.28
1978	Above Normal	5.54	6.03	23.98	27.75	60.31	59.39	0.00	0.00	0.00	0.00	0.00	10.77	193.77
1979	Below Normal	13.73	35.39	52.47	40.33	37.18	59.95	0.00	0.00	0.00	0.00	0.00	18.27	257.32
1980	Above Normal	30.00	24.30	63.04	72.84	61.81	5.98	0.00	0.00	0.00	0.00	0.00	0.00	257.97
1981	Dry	14.63	53.18	51.31	26.79	13.43	17.13	0.00	0.00	0.00	0.00	0.00	13.40	189.87
1982	Wet	21.10	44.38	45.10	50.26	66.49	24.67	6.90	0.00	0.00	0.00	0.00	10.25	269.15
1983	Wet	43.63	90.64	117.25	6.00	3.73	6.02	6.82	7.97	9.01	0.00	0.00	45.31	336.38
1984	Wet	6.68	6.82	6.06	6.01	3.71	5.41	0.00	0.00	0.00	0.00	0.00	16.60	51.29
1985	Dry	8.55	48.94	64.03	39.81	28.82	18.34	0.00	0.00	0.00	0.00	0.00	13.56	222.05
1986	Wet	26.34	54.55	57.81	17.98	61.82	44.85	0.00	0.00	0.00	0.00	0.00	0.00	263.35
1987	Dry	2.41	0.68	51.04	31.71	20.00	16.46	0.00	0.00	0.00	0.00	0.00	2.36	124.66
1988	Critical	20.49	26.27	31.79	23.73	0.00	0.00	0.00	0.00	0.00	0.00	14.28	0.00	116.56
1989	Dry	4.96	18.80	36.06	45.36	6.42	0.00	0.00	0.00	0.00	0.00	0.00	12.02	123.62
1990	Critical	7.09	21.20	39.15	33.71	11.63	0.00	0.00	0.00	0.00	0.00	9.36	0.00	122.14
1991	Critical	10.27	18.19	27.19	5.05	14.99	0.00	0.00	0.00	0.00	0.00	3.14	0.00	78.83
1992	Critical	0.53	21.46	12.90	12.70	8.07	13.32	0.00	0.00	0.00	9.34	8.24	0.00	86.56
1993	Above Normal	0.18	15.21	27.38	28.95	43.07	32.83	0.00	0.00	0.00	0.00	0.00	12.09	159.71
1994	Critical	14.15	35.58	55.17	32.50	23.35	6.85	0.00	0.00	0.00	0.00	0.37	8.31	176.28
1995	Wet	3.30	27.69	26.21	22.13	31.96	53.06	0.00	15.39	0.00	0.00	0.00	10.88	190.62
1996	Wet	0.00	6.54	38.58	14.86	34.22	55.27	0.00	0.00	0.00	0.00	0.00	11.20	160.67
1997	Wet	2.39	49.35	57.04	59.53	55.48	37.44	0.00	0.00	0.00	0.00	0.00	11.22	272.45
1998	Wet	3.81	12.53	51.49	22.26	44.79	58.53	0.00	0.00	0.00	0.00	0.00	9.73	203.14
1999	Wet	25.56	49.62	51.46	41.35	34.48	55.29	0.00	0.00	0.00	0.00	0.00	8.51	266.27
2000	Above Normal	0.00	42.45	44.69	16.61	46.32	47.91	0.00	0.00	0.00	0.00	0.00	12.78	210.76
2001	Dry	1.20	38.00	45.18	37.90	20.93	19.61	0.00	0.00	0.00	2.31	0.00	2.94	168.07
2002	Dry	17.39	23.27	47.96	28.22	18.10	13.64	0.00	0.00	0.00	0.00	0.00	8.20	156.78
2003	Above Normal	17.04	30.71	34.13	20.06	27.32	22.38	0.00	0.00	0.00	0.00	0.00	4.24	155.88
	Average	14.10	34.58	49.26	36.43	28.68	22.91	0.26	0.58	0.15	0.14	1.25	10.43	198.77
	Wet	15.27	39.75	51.53	40.15	39.33	34.35	0.77	1.84	0.46	0.00	0.03	11.03	234.52
	Above Normal	12.08	35.36	45.22	34.41	29.56	32.45	0.00	0.00	0.00	0.00	0.42	9.08	198.57
	Below Normal	15.18	36.26	51.08	33.14	22.03	24.18	0.07	0.00	0.00	0.00	0.50	14.66	197.10
	Dry	12.72	29.72	52.69	38.99	24.05	10.58	0.00	0.00	0.00	0.13	0.00	10.83	179.70
	Critical	14.37	27.96	41.12	30.35	19.41	5.64	0.00	0.00	0.00	0.78	7.46	4.97	152.06

Energy Use (GWh) At Pumping Plant at CVP San Luis: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	19.36	37.83	50.06	27.84	8.24	51.62	0.00	0.00	0.00	0.00	0.00	12.22	207.17
1923	Below Normal	18.83	56.43	50.94	37.06	33.12	19.52	0.00	0.00	0.00	0.00	0.00	15.48	231.38
1924	Critical	30.22	41.23	39.47	38.38	10.59	0.00	0.00	0.00	0.00	0.00	0.00	4.87	164.76
1925	Dry	12.98	1.88	53.13	44.72	24.29	15.29	0.00	0.00	0.00	0.00	0.00	3.38	155.67
1926	Dry	17.39	41.77	42.52	41.19	6.76	0.00	0.00	0.00	0.00	0.00	0.00	11.06	160.69
1927	Wet	13.56	49.62	50.24	28.58	49.33	35.06	0.00	0.00	0.00	0.00	0.00	4.40	230.79
1928	Above Normal	4.19	40.38	61.44	42.00	8.94	45.68	0.00	0.00	0.00	0.00	0.00	11.79	214.42
1929	Critical	6.76	17.87	56.75	35.86	25.64	18.45	0.00	0.00	0.00	0.00	18.12	5.33	184.78
1930	Dry	13.00	20.29	43.25	33.41	29.24	15.91	0.00	0.00	0.00	0.00	0.00	0.00	155.10
1931	Critical	11.57	31.23	39.87	42.33	41.46	0.00	0.00	0.00	0.00	0.00	0.00	5.90	172.36
1932	Dry	12.25	12.97	62.15	50.40	61.14	0.00	0.00	0.00	0.00	0.00	0.00	34.38	233.29
1933	Critical	19.82	30.47	60.83	62.12	15.26	3.64	0.00	0.00	0.00	0.00	25.48	31.25	248.87
1934	Critical	21.80	20.47	36.28	1.73	1.03	0.00	0.00	0.00	0.00	0.00	0.00	3.73	85.04
1935	Below Normal	10.58	23.46	50.42	47.49	31.75	21.23	0.00	0.00	0.00	0.00	0.00	18.23	203.16
1936	Below Normal	26.93	38.31	58.45	24.54	16.77	4.57	0.00	0.00	0.00	0.00	0.00	21.30	190.87
1937	Below Normal	27.22	47.23	58.52	54.03	2.03	3.78	0.00	0.00	0.00	0.00	0.00	23.37	216.18
1938	Wet	15.69	55.71	79.50	21.55	1.85	18.50	0.00	0.00	0.00	0.00	0.00	9.05	201.85
1939	Dry	15.47	0.00	57.31	27.60	27.91	0.29	0.00	0.00	0.00	0.00	0.00	11.16	139.74
1940	Above Normal	13.50	24.10	16.40	20.70	29.56	46.10	0.00	0.00	0.00	0.00	0.00	6.72	157.08
1941	Wet	7.10	16.55	46.29	50.79	58.52	46.53	0.00	0.00	0.00	0.00	0.00	14.45	240.23
1942	Wet	9.45	61.79	54.33	61.11	48.38	42.98	0.00	0.00	0.00	0.00	0.00	10.62	288.66
1943	Wet	11.92	59.78	41.26	52.80	35.29	59.14	0.00	0.00	0.00	0.00	0.00	8.48	268.67
1944	Dry	8.06	35.67	38.67	26.68	21.14	12.01	0.00	0.00	0.00	0.00	0.00	2.49	144.72
1945	Below Normal	10.86	42.71	52.71	47.71	45.14	56.31	0.00	0.00	0.00	0.00	0.00	16.98	272.42
1946	Below Normal	21.34	51.03	66.26	57.01	51.87	26.42	0.00	0.00	0.00	0.00	0.00	17.09	291.02
1947	Dry	28.61	50.55	59.29	54.08	29.50	0.00	0.00	0.00	0.00	0.00	0.00	7.99	230.02
1948	Below Normal	10.55	36.32	39.49	13.94	0.00	14.04	0.00	0.00	0.00	0.00	5.55	17.32	137.21
1949	Dry	28.40	47.32	58.44	44.93	38.73	1.36	0.00	0.00	0.00	0.00	0.00	10.98	230.16
1950	Below Normal	16.13	32.18	43.06	13.41	9.37	27.14	0.00	0.00	0.00	0.00	0.00	15.81	157.10
1951	Above Normal	31.19	51.96	76.60	77.68	1.93	5.30	0.00	0.00	0.00	0.00	0.00	15.33	259.99
1952	Wet	10.47	45.86	47.10	57.06	45.46	37.80	0.00	0.00	0.00	0.00	0.00	10.08	253.83
1953	Wet	3.53	70.93	57.60	14.14	19.79	35.05	0.00	0.00	0.00	0.00	0.00	19.08	220.12
1954	Above Normal	0.00	44.20	51.35	18.09	15.99	27.68	0.00	0.00	0.00	0.00	0.00	13.75	171.06
1955	Dry	8.25	38.30	59.58	46.35	37.85	9.57	0.00	0.00	0.00	0.00	0.00	18.33	218.23
1956	Wet	9.35	39.90	60.92	67.38	80.05	16.10	0.00	0.00	0.00	0.00	0.00	11.61	285.31
1957	Above Normal	10.84	56.73	46.46	27.48	0.00	0.00	0.00	0.00	0.00	0.00	5.03	13.21	159.75
1958	Wet	29.44	51.95	51.08	32.95	53.10	42.26	0.00	0.00	0.00	0.00	0.00	10.04	270.82
1959	Below Normal	11.14	48.71	50.04	4.16	6.20	27.42	0.00	0.00	0.00	0.00	1.14	4.29	153.10
1960	Dry	13.26	26.84	43.04	36.93	14.78	12.37	0.00	0.00	0.00	0.00	0.00	12.22	159.44
1961	Dry	10.72	28.62	57.36	39.72	10.24	26.11	0.00	0.00	0.00	0.00	0.00	15.54	188.31
1962	Below Normal	8.00	25.10	21.10	35.07	21.58	31.63	0.00	0.00	0.00	0.00	0.00	9.77	152.25
1963	Wet	26.55	50.84	46.76	24.77	22.95	32.18	0.00	0.00	0.00	0.00	0.00	0.00	204.05
1964	Dry	11.28	52.35	68.31	45.56	24.30	13.02	0.00	0.00	0.00	0.00	0.00	13.59	228.41
1965	Wet	8.20	18.09	41.66	56.47	42.91	39.70	0.00	0.00	0.00	0.00	0.00	9.86	216.89
1966	Below Normal	4.34	51.35	54.69	41.50	29.46	18.22	0.00	0.00	0.00	0.00	0.00	11.18	210.74
1967	Wet	14.65	31.46	45.27	45.36	33.69	35.37	0.00	0.00	0.00	0.00	0.00	9.70	215.50
1968	Below Normal	15.57	53.72	55.93	26.98	0.00	31.11	0.00	0.00	0.00	0.00	0.51	5.29	189.11
1969	Wet	20.59	40.98	65.19	64.05	81.76	6.00	0.00	16.27	3.46	0.00	0.00	6.92	305.22
1970	Wet	18.59	0.00	51.50	82.26	22.80	5.33	0.00	0.00	0.00	0.00	0.00	7.47	187.95
1971	Wet	10.07	15.68	44.90	31.70	20.71	38.60	0.00	0.00	0.00	0.00	0.68	13.59	175.93
1972	Below Normal	13.29	17.59	59.42	40.66	8.07	6.30	0.00	0.00	0.00	0.00	0.00	9.17	154.50
1973	Above Normal	17.55	49.95	48.83	35.23	52.37	43.66	0.00	0.00	0.00	0.00	0.00	5.63	253.22
1974	Wet	19.07	51.18	62.94	59.70	39.66	44.34	0.00	0.00	0.00	0.00	0.00	10.35	287.24
1975	Wet	21.63	51.24	54.26	29.32	12.83	43.79	0.00	0.00	0.00	0.00	0.00	12.05	225.12
1976	Critical	25.81	37.26	57.01	41.65	46.96	25.39	0.00	0.00	0.00	0.00	0.00	0.00	234.08
1977	Critical	3.02	25.91	27.51	31.31	35.56	0.00	0.00	0.00	0.00	0.00	10.74	0.00	134.05
1978	Above Normal	5.49	6.32	23.88	27.75	51.79	55.80	0.00	0.00	0.00	0.00	0.00	9.46	180.49
1979	Below Normal	13.48	57.27	51.25	39.40	37.48	55.80	0.00	0.00	0.00	0.00	0.00	18.09	272.77
1980	Above Normal	26.95	26.95	63.72	65.05	85.51	5.97	0.00	0.00	0.00	0.00	0.00	0.00	274.15
1981	Dry	11.56	32.57	52.66	27.83	14.14	9.53	0.00	0.00	0.00	0.00	0.00	12.76	161.05
1982	Wet	21.23	44.30	45.35	50.78	56.82	33.64	6.90	0.00	0.00	0.00	0.00	10.03	269.05
1983	Wet	26.55	72.61	131.76	32.60	3.73	6.02	6.82	7.97	9.01	0.00	0.00	45.31	342.38
1984	Wet	6.68	6.82	6.06	6.01	3.71	5.41	0.00	0.00	0.00	0.00	0.00	16.60	51.29
1985	Dry	8.55	48.95	64.03	39.81	28.82	18.34	0.00	0.00	0.00	0.00	0.00	13.56	222.06
1986	Wet	26.34	54.55	57.81	17.98	54.30	50.76	0.00	0.00	0.00	0.00	0.00	0.00	261.74
1987	Dry	2.41	5.44	50.44	31.35	19.77	16.40	0.00	0.00	0.00	0.00	0.00	2.35	128.16
1988	Critical	20.46	26.20	31.67	23.79	0.00	0.00	0.00	0.00	0.00	0.00	14.37	0.00	116.49
1989	Dry	5.00	18.85	36.15	45.46	6.51	0.00	0.00	0.00	0.00	0.00	0.00	12.00	123.97
1990	Critical	7.08	21.15	39.03	33.71	11.63	0.00	0.00	0.00	0.00	0.00	9.37	0.00	121.97
1991	Critical	10.26	18.18	27.13	5.04	14.96	0.00	0.00	0.00	0.00	0.00	3.33	0.00	78.90
1992	Critical	0.53	21.48	12.91	12.56	8.06	13.28	0.00	0.00	0.00	9.34	8.27	0.00	86.43
1993	Above Normal	0.18	15.20	27.37	28.88	42.17	32.30	0.00	0.00	0.00	0.00	0.00	12.13	158.23
1994	Critical	14.16	35.38	55.20	32.59	23.48	6.83	0.00	0.00	0.00	0.00	0.37	8.32	176.33
1995	Wet	3.31	27.70	26.20	22.09	27.09	43.42	0.00	0.00	0.00	0.00	0.00	9.33	159.14
1996	Wet	0.00	24.70	31.21	15.37	32.99	54.01	0.00	0.00	0.00	0.00	0.00	11.09	169.37
1997	Wet	2.32	50.00	54.22	59.39	55.28	42.15	0.00	0.00	0.00	0.00	0.00	11.90	275.26
1998	Wet	5.54	10.74	51.71	22.63	37.97	57.30	0.00	0.00	0.00	0.00	0.00	10.50	196.39
1999	Wet	26.19	49.78	51.82	42.21	38.63	55.24	0.00	0.00	0.00	0.00	0.00	7.32	271.19
2000	Above Normal	0.00	42.70	44.65	16.44	46.01	47.74	0.00	0.00	0.00	0.00	0.00	12.68	210.22
2001	Dry	1.15	37.58	46.55	37.79	20.92	19.58	0.00	0.00	0.00	1.93	0.00	2.93	168.43
2002	Dry	17.32	23.11	47.88	28.15	18.03	13.62	0.00	0.00	0.00	0.00	0.00	7.93	156.04
2003	Above Normal	17.07	30.76	34.18	20.08	27.33	22.40	0.00	0.00	0.00	0.00	0.00	4.31	156.13
	Average	13.66	35.50	49.25	36.61	28.18	23.24	0.17	0.30	0.15	0.14	1.26	10.52	198.97
	Wet	14.15	40.49	52.19	40.35	37.68	35.64	0.53	0.93	0.48	0.00	0.03	11.15	233.62
	Above Normal	12.19	35.59	45.41	33.94	30.82	32.02	0.00	0.00	0.00	0.00	0.42	9.77	200.16
	Below Normal	14.88	41.53	50.88	34.50	20.92	24.54	0.00	0.00	0.00	0.00	0.51	14.53	202.27
	Dry	12.54	29.06	52.26	39.00	24.12	10.19	0.00	0.00	0.00	0.11	0.00	10.70	177.97
	Critical	14.29	27.24	40.31	30.09	19.55	5.63	0.00	0.00	0.00	0.78	7.50	4.95	150.34

Difference in Energy Use (GWh) At Pumping Plant at CVP San Luis: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	(1.52)	(0.62)	0.00	0.00	0.00	0.00	0.00	(0.06)	(0.18)
1923	Below Normal	1.41	15.18	0.09	(1.15)	(1.73)	0.17	0.00	0.00	0.00	0.00	0.00	(0.46)	1.13
1924	Critical	(0.12)	(8.44)	(9.54)	(2.75)	(0.08)	0.00	0.00	0.00	0.00	0.00	0.00	(0.19)	(1.76)
1925	Dry	(0.86)	(0.99)	(1.07)	(1.30)	(0.95)	0.36	0.00	0.00	0.00	0.00	0.00	(0.17)	(0.42)
1926	Dry	0.66	0.98	0.74	1.45	1.76	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.47
1927	Wet	(0.31)	(0.33)	(0.56)	(0.98)	(1.60)	0.20	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.30)
1928	Above Normal	0.46	(0.11)	0.15	0.31	0.36	(0.10)	0.00	0.00	0.00	0.00	0.00	0.11	0.10
1929	Critical	(0.01)	0.11	(0.03)	(0.03)	(0.03)	0.02	0.00	0.00	0.00	0.00	0.01	0.01	0.00
1930	Dry	0.00	0.01	0.00	0.01	0.00	(0.12)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1931	Critical	(0.06)	(0.09)	(0.12)	(0.17)	(0.20)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)
1932	Dry	(0.09)	(0.10)	(0.11)	(0.14)	0.63	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	0.01
1933	Critical	(0.19)	(0.23)	(0.15)	(0.17)	2.18	(0.01)	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.12
1934	Critical	(0.07)	0.05	0.29	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.02
1935	Below Normal	1.43	0.06	0.07	(0.03)	(0.02)	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.02)	0.12
1936	Below Normal	(0.03)	(0.02)	0.01	(0.05)	0.92	0.00	0.00	0.00	0.00	0.00	0.00	(0.43)	0.03
1937	Below Normal	(0.60)	(1.09)	(1.37)	23.91	(0.02)	0.00	(0.92)	0.00	0.00	0.00	0.00	(0.76)	1.60
1938	Wet	(0.50)	(2.02)	19.05	18.35	(0.01)	12.57	0.00	(15.67)	0.00	0.00	0.00	(0.48)	2.61
1939	Dry	(0.22)	0.00	(3.70)	(1.03)	(1.03)	0.29	0.00	0.00	0.00	0.00	0.00	(0.42)	(0.51)
1940	Above Normal	3.98	0.46	0.66	1.27	1.44	(0.25)	0.00	0.00	0.00	0.00	0.00	3.98	0.96
1941	Wet	(0.18)	(2.13)	(0.83)	(0.87)	(1.52)	(1.34)	0.00	0.00	0.00	0.00	0.00	0.27	(0.55)
1942	Wet	0.42	0.86	0.16	0.19	(2.59)	(0.39)	0.00	0.00	0.00	0.00	0.00	0.02	(0.11)
1943	Wet	0.04	0.08	0.21	(0.18)	(5.11)	(4.00)	0.00	0.00	0.00	0.00	0.00	(0.66)	(0.80)
1944	Dry	(0.32)	4.11	(6.03)	(0.22)	0.01	0.16	0.00	0.00	0.00	0.00	0.00	0.00	(0.19)
1945	Below Normal	0.10	0.46	0.25	0.38	(17.27)	7.22	0.00	0.00	0.00	0.00	0.00	0.42	(0.70)
1946	Below Normal	(5.04)	0.02	0.09	(3.98)	0.32	0.41	0.00	0.00	0.00	0.00	0.00	0.31	(0.66)
1947	Dry	0.19	0.18	0.23	0.50	0.10	0.00	0.00	0.00	0.00	0.00	0.00	(0.26)	0.08
1948	Below Normal	(0.01)	(0.28)	(0.13)	(0.11)	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.02	(0.03)
1949	Dry	0.00	0.01	0.01	0.06	0.07	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.02)	0.01
1950	Below Normal	(0.05)	(0.12)	(0.24)	(0.04)	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.04)
1951	Above Normal	0.01	0.01	0.02	(0.11)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1952	Wet	0.00	0.00	0.00	(0.64)	(0.35)	(11.42)	0.00	0.00	0.00	0.00	0.00	(0.32)	(1.06)
1953	Wet	(0.82)	25.06	0.14	(8.88)	(0.57)	0.19	0.00	0.00	0.00	0.00	0.00	1.36	1.37
1954	Above Normal	0.00	(0.83)	0.92	0.82	0.85	0.07	0.00	0.00	0.00	0.00	0.00	(0.08)	0.15
1955	Dry	0.04	(0.10)	(0.14)	(0.22)	(0.24)	0.03	0.00	0.00	0.00	0.00	0.00	(0.46)	(0.09)
1956	Wet	(0.02)	0.09	(4.96)	(6.07)	1.28	10.06	0.00	0.00	0.00	0.00	0.00	0.00	0.03
1957	Above Normal	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
1958	Wet	0.03	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.04
1959	Below Normal	0.25	2.19	(0.13)	0.78	0.86	1.87	0.00	0.00	0.00	0.00	0.14	(0.13)	0.49
1960	Dry	0.13	0.23	0.07	0.14	0.13	0.03	0.00	0.00	0.00	0.00	0.00	0.02	0.06
1961	Dry	0.01	0.15	0.13	0.10	0.00	0.05	0.00	0.00	0.00	0.00	0.00	(0.01)	0.04
1962	Below Normal	0.00	0.02	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	(0.01)	0.00	0.00	(2.44)	0.09	0.00	0.00	0.00	0.00	0.00	0.00	(0.20)
1964	Dry	0.28	0.06	0.11	0.20	0.23	(0.05)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.07
1965	Wet	(0.01)	0.01	0.06	(4.32)	(8.16)	(0.23)	0.00	0.00	0.00	0.00	0.00	0.50	(1.01)
1966	Below Normal	0.36	(0.89)	0.54	0.48	1.06	(0.14)	0.00	0.00	0.00	0.00	0.00	(0.46)	0.08
1967	Wet	0.08	0.09	0.15	0.29	(2.05)	(1.50)	0.00	0.00	0.00	0.00	0.00	0.06	(0.24)
1968	Below Normal	(1.90)	36.36	(0.78)	(0.35)	0.00	(0.37)	0.00	0.00	0.00	0.00	0.02	(0.21)	2.73
1969	Wet	(2.72)	(0.11)	(1.04)	(11.68)	9.57	0.00	(6.35)	7.41	0.51	0.00	0.00	3.74	(0.06)
1970	Wet	(0.08)	0.00	0.08	0.89	(2.05)	0.00	0.00	0.00	0.00	0.00	0.00	(0.39)	(0.13)
1971	Wet	0.09	0.00	(0.06)	(0.05)	(0.03)	(0.04)	0.00	0.00	0.00	0.00	0.02	0.02	0.00
1972	Below Normal	0.02	0.00	0.02	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
1973	Above Normal	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.63	0.47
1974	Wet	(10.69)	(0.64)	(0.85)	(10.52)	(2.18)	21.82	0.00	0.00	0.00	0.00	0.00	0.18	(0.24)
1975	Wet	0.31	(0.89)	0.52	0.86	0.94	0.21	0.00	0.00	0.00	0.00	0.00	(0.04)	0.16
1976	Critical	0.04	0.27	(0.06)	(0.17)	(0.23)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1977	Critical	(0.48)	0.00	0.04	0.10	(0.05)	0.00	0.00	0.00	0.00	0.00	0.16	0.00	(0.02)
1978	Above Normal	(0.05)	0.29	(0.10)	0.00	(8.52)	(3.59)	0.00	0.00	0.00	0.00	0.00	(1.31)	(1.11)
1979	Below Normal	(0.25)	21.88	(1.22)	(0.93)	0.30	(4.15)	0.00	0.00	0.00	0.00	0.00	(0.18)	1.29
1980	Above Normal	(3.05)	2.65	0.68	(7.79)	23.70	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	1.35
1981	Dry	(3.07)	(20.61)	1.35	1.04	0.71	(7.60)	0.00	0.00	0.00	0.00	0.00	(0.64)	(2.40)
1982	Wet	0.13	(0.08)	0.25	0.52	(9.67)	8.97	0.00	0.00	0.00	0.00	0.00	(0.22)	(0.01)
1983	Wet	(17.08)	(18.03)	14.51	26.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	(7.52)	5.91	0.00	0.00	0.00	0.00	0.00	0.00	(0.13)
1987	Dry	0.00	4.76	(0.60)	(0.36)	(0.23)	(0.06)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.29
1988	Critical	(0.03)	(0.07)	(0.12)	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	(0.01)
1989	Dry	0.04	0.05	0.09	0.10	0.09	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.03
1990	Critical	(0.01)	(0.05)	(0.12)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	(0.01)
1991	Critical	(0.01)	(0.01)	(0.06)	(0.01)	(0.03)	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.01
1992	Critical	0.00	0.02	0.01	(0.14)	(0.01)	(0.04)	0.00	0.00	0.00	0.00	0.03	0.00	(0.01)
1993	Above Normal	0.00	(0.01)	(0.01)	(0.07)	(0.90)	(0.53)	0.00	0.00	0.00	0.00	0.00	0.04	(0.12)
1994	Critical	0.01	(0.20)	0.03	0.09	0.13	(0.02)	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1995	Wet	0.01	0.01	(0.01)	(0.04)	(4.87)	(9.64)	0.00	(15.39)	0.00	0.00	0.00	(1.55)	(2.62)
1996	Wet	0.00	18.16	(7.37)	0.51	(1.23)	(1.26)	0.00	0.00	0.00	0.00	0.00	(0.11)	0.73
1997	Wet	(0.07)	0.65	(2.82)	(0.14)	(0.20)	4.71	0.00	0.00	0.00	0.00	0.00	0.68	0.23
1998	Wet	1.73	(1.79)	0.22	0.37	(6.82)	(1.23)	0.00	0.00	0.00	0.00	0.00	0.77	(0.56)
1999	Wet	0.63	0.16	0.36	0.86	4.15	(0.05)	0.00	0.00	0.00	0.00	0.00	(1.19)	0.41
2000	Above Normal	0.00	0.25	(0.04)	(0.17)	(0.31)	(0.17)	0.00	0.00	0.00	0.00	0.00	(0.10)	(0.04)
2001	Dry	(0.05)	(0.42)	1.37	(0.11)	(0.01)	(0.03)	0.00	0.00	0.00	(0.38)	0.00	(0.01)	0.03
2002	Dry	(0.07)	(0.16)	(0.08)	(0.07)	(0.07)	(0.02)	0.00	0.00	0.00	0.00	0.00	(0.27)	(0.06)
2003	Above Normal	0.03	0.05	0.05	0.02	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.07	0.02
	Average	(0.44)	0.92	(0.01)	0.19	(0.50)	0.32	(0.09)	(0.29)	0.01	(0.00)	0.01	0.09	0.02
	Wet	(1.12)	0.74	0.66	0.19	(1.66)	1.29	(0.24)	(0.91)	0.02	0.00	0.00	0.12	(0.07)
	Above Normal	0.12	0.23	0.20	(0.48)	1.26	(0.43)	0.00	0.00	0.00	0.00	0.00	0.69	0.13
	Below Normal	(0.31)	5.27	(0.20)	1.35	(1.11)	0.36	(0.07)	0.00	0.00	0.00	0.02	(0.13)	0.43
	Dry	(0.19)	(0.66)	(0.42)	0.01	0.07	(0.39)	0.00	0.00	0.00	(0.02)	0.00	(0.13)	(0.14)
	Critical	(0.08)	(0.72)	(0.82)	(0.27)	0.14	(0.01)	0.00	0.00	0.00	0.00	0.04	(0.02)	(0.14)

Percent Difference in Energy Use (GWh) At Pumping Plant at CVP San Luis: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	-16%	-1%	0%	0%	0%	0%	0%	0%
1923	Below Normal	8%	37%	0%	-3%	-5%	1%	0%	0%	0%	0%	0%	-3%
1924	Critical	0%	-17%	-19%	-7%	-1%	0%	0%	0%	0%	0%	0%	-4%
1925	Dry	-6%	-34%	-2%	-3%	-4%	2%	0%	0%	0%	0%	0%	-5%
1926	Dry	4%	2%	2%	4%	35%	0%	0%	0%	0%	0%	0%	1%
1927	Wet	-2%	-1%	-1%	-3%	-3%	1%	0%	0%	0%	0%	0%	-2%
1928	Above Normal	12%	0%	0%	1%	4%	0%	0%	0%	0%	0%	0%	1%
1929	Critical	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1931	Critical	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	-1%	-1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	-1%	-1%	0%	0%	17%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	1%	1%	1%	0%	0%	0%	0%	0%	0%	-1%
1935	Below Normal	16%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	6%	0%	0%	0%	0%	0%	0%	-2%
1937	Below Normal	-2%	-2%	-2%	79%	-1%	0%	-100%	0%	0%	0%	0%	-3%
1938	Wet	-3%	-3%	32%	573%	-1%	212%	0%	-100%	0%	0%	0%	-5%
1939	Dry	-1%	0%	-6%	-4%	-4%	-	0%	0%	0%	0%	0%	-4%
1940	Above Normal	42%	2%	4%	7%	5%	-1%	0%	0%	0%	0%	0%	145%
1941	Wet	-2%	-11%	-2%	-2%	-3%	-3%	0%	0%	0%	0%	0%	2%
1942	Wet	5%	1%	0%	0%	-5%	-1%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	1%	0%	-13%	-6%	0%	0%	0%	0%	0%	-7%
1944	Dry	-4%	13%	-13%	-1%	0%	1%	0%	0%	0%	0%	0%	0%
1945	Below Normal	1%	1%	0%	1%	-28%	15%	0%	0%	0%	0%	0%	3%
1946	Below Normal	-19%	0%	0%	-7%	1%	2%	0%	0%	0%	0%	0%	2%
1947	Dry	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	-3%
1948	Below Normal	0%	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	2%	0%
1949	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-1%	-1%	-23%	0%	0%	0%	0%	0%	-3%
1953	Wet	-19%	55%	0%	-39%	-3%	1%	0%	0%	0%	0%	0%	8%
1954	Above Normal	0%	-2%	2%	5%	6%	0%	0%	0%	0%	0%	0%	-1%
1955	Dry	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	-2%
1956	Wet	0%	0%	-8%	-8%	2%	167%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%
1959	Below Normal	2%	5%	0%	23%	16%	7%	0%	0%	0%	0%	14%	-3%
1960	Dry	1%	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	-10%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	3%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	-7%	-16%	-1%	0%	0%	0%	0%	0%	5%
1966	Below Normal	9%	-2%	1%	1%	4%	-1%	0%	0%	0%	0%	0%	-4%
1967	Wet	1%	0%	0%	1%	-6%	-4%	0%	0%	0%	0%	0%	1%
1968	Below Normal	-11%	209%	-1%	-1%	0%	-1%	0%	0%	0%	0%	4%	-4%
1969	Wet	-12%	0%	-2%	-15%	13%	0%	-100%	84%	17%	0%	0%	118%
1970	Wet	0%	0%	0%	1%	-8%	0%	0%	0%	0%	0%	0%	-5%
1971	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-
1974	Wet	-36%	-1%	-1%	-15%	-5%	97%	0%	0%	0%	0%	0%	2%
1975	Wet	1%	-2%	1%	3%	8%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1978	Above Normal	-1%	5%	0%	0%	-14%	-6%	0%	0%	0%	0%	0%	-12%
1979	Below Normal	-2%	62%	-2%	-2%	1%	-7%	0%	0%	0%	0%	0%	-1%
1980	Above Normal	-10%	11%	1%	-11%	38%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	-21%	-39%	3%	4%	5%	-44%	0%	0%	0%	0%	0%	-5%
1982	Wet	1%	0%	1%	1%	-15%	36%	0%	0%	0%	0%	0%	-2%
1983	Wet	-39%	-20%	12%	443%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-12%	13%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	700%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1989	Dry	1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%	0%
1992	Critical	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	-1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	-15%	-18%	0%	-100%	0%	0%	0%	-14%
1996	Wet	0%	278%	-19%	3%	-4%	-2%	0%	0%	0%	0%	0%	-1%
1997	Wet	-3%	1%	-5%	0%	0%	13%	0%	0%	0%	0%	0%	6%
1998	Wet	45%	-14%	0%	2%	-15%	-2%	0%	0%	0%	0%	0%	8%
1999	Wet	2%	0%	1%	2%	12%	0%	0%	0%	0%	0%	0%	-14%
2000	Above Normal	0%	1%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	-1%
2001	Dry	-4%	-1%	3%	0%	0%	0%	0%	0%	0%	-16%	0%	0%
2002	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
	Average	-1%	15%	0%	12%	0%	5%	-2%	-1%	0%	0%	0%	2%
	Wet	-2%	11%	0%	36%	-4%	18%	-4%	-4%	1%	0%	0%	4%
	Above Normal	4%	1%	1%	0%	2%	-1%	0%	0%	0%	0%	0%	11%
	Below Normal	0%	22%	0%	6%	0%	1%	-7%	0%	0%	0%	1%	-1%
	Dry	-2%	36%	-1%	0%	2%	-2%	0%	0%	0%	-1%	0%	-1%
	Critical	-1%	-1%	-2%	-1%	1%	0%	0%	0%	0%	0%	1%	0%

Energy Use (GWh) At Pumping Plant at DMC Intertie: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.55	0.85	0.97	0.00	0.00	0.55	0.00	0.00	0.15	0.02	0.14	0.31	3.54
1923	Below Normal	0.00	0.02	0.12	0.00	0.43	0.00	0.00	0.00	0.00	0.25	0.00	0.51	1.33
1924	Critical	0.80	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.70
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	1.17
1928	Above Normal	0.00	0.00	0.99	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.31	0.00	1.39
1929	Critical	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00	1.92
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	1.74
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.07	0.58
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.37
1936	Below Normal	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.62
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.63
1938	Wet	0.00	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.07	0.00	1.10
1939	Dry	0.00	0.00	0.97	0.00	0.16	0.00	0.00	0.00	0.00	0.31	0.00	0.00	1.44
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.91
1941	Wet	0.00	0.00	0.08	0.00	0.86	0.81	0.00	0.00	0.00	0.06	0.17	0.32	2.30
1942	Wet	0.00	0.88	0.00	0.97	0.83	0.79	0.00	0.00	0.00	0.02	0.14	0.31	3.94
1943	Wet	0.00	0.87	0.00	0.97	0.83	0.78	0.00	0.00	0.00	0.02	0.14	0.31	3.92
1944	Dry	0.00	0.59	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71
1945	Below Normal	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.24	0.36	1.70
1946	Below Normal	0.31	0.90	0.99	0.00	0.85	0.00	0.00	0.00	0.00	0.16	0.25	0.36	3.82
1947	Dry	0.62	0.90	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	2.04
1948	Below Normal	0.00	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.74	1.77
1949	Dry	0.91	0.50	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.37	2.11
1950	Below Normal	0.00	0.90	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	2.47
1951	Above Normal	0.84	0.93	1.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.36	3.53
1952	Wet	0.00	0.70	0.00	0.97	0.00	0.76	0.00	0.00	0.09	0.00	0.07	0.28	2.87
1953	Wet	0.00	0.53	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.33	0.55	2.65
1954	Above Normal	0.00	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.57	1.45
1955	Dry	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.52	2.52
1956	Wet	0.00	0.00	1.00	0.99	0.89	0.00	0.00	0.00	0.00	0.05	0.16	0.32	3.41
1957	Above Normal	0.00	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.00	1.29
1958	Wet	0.90	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.08	0.28	2.30
1959	Below Normal	0.00	0.85	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.37	0.00	2.10
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.14
1961	Dry	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.52	1.77
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.32	0.00	0.57
1963	Wet	0.80	0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.31	0.00	2.27
1964	Dry	0.00	0.92	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.32	0.52	3.02
1965	Wet	0.00	0.00	0.00	0.99	0.31	0.00	0.00	0.00	0.00	0.06	0.17	0.32	1.85
1966	Below Normal	0.00	0.88	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.31	0.08	2.49
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.09	0.00	0.07	0.19	0.80
1968	Below Normal	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.37	0.00	1.66
1969	Wet	0.00	0.00	1.00	0.56	0.64	0.00	0.00	0.00	0.09	0.00	0.07	0.00	2.36
1970	Wet	0.00	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	1.20
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.37	0.00	0.69
1972	Below Normal	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.34	0.00	1.58
1973	Above Normal	0.00	0.93	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.19	0.27	0.00	1.72
1974	Wet	0.76	0.91	0.51	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.30	3.14
1975	Wet	0.02	0.86	0.98	0.00	0.00	0.85	0.00	0.00	0.00	0.16	0.25	0.36	3.48
1976	Critical	0.73	0.00	0.99	0.00	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.60
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.89	0.82	0.00	0.00	0.12	0.00	0.10	0.29	2.22
1979	Below Normal	0.00	0.00	0.44	0.00	0.82	0.89	0.00	0.00	0.00	0.20	0.28	0.42	3.05
1980	Above Normal	0.76	0.00	0.99	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	2.85
1981	Dry	0.00	0.86	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.57	2.69
1982	Wet	0.73	0.93	0.00	0.00	0.86	0.00	0.00	0.00	0.09	0.00	0.07	0.28	2.96
1983	Wet	0.55	0.85	0.97	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.07	0.28	2.81
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.24	0.36	0.76
1985	Dry	0.00	0.90	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.35	2.48
1986	Wet	0.66	0.92	0.15	0.00	0.86	0.00	0.00	0.00	0.00	0.12	0.22	0.00	2.93
1987	Dry	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.34
1988	Critical	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.00	1.19
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.06	0.38
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.34	0.00	0.69
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.27	0.41	0.87
1994	Critical	0.00	0.57	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	1.75
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.78	0.00	0.00	0.11	0.00	0.10	0.29	1.28
1996	Wet	0.00	0.00	0.00	0.00	0.85	0.83	0.00	0.00	0.00	0.10	0.20	0.34	2.32
1997	Wet	0.00	0.89	0.98	0.97	0.84	0.00	0.00	0.00	0.00	0.00	0.16	0.32	4.16
1998	Wet	0.00	0.00	0.98	0.00	0.83	0.76	0.00	0.00	0.09	0.00	0.08	0.28	3.02
1999	Wet	0.55	0.85	0.00	0.00	0.81	0.89	0.00	0.00	0.00	0.22	0.29	0.00	3.61
2000	Above Normal	0.00	0.91	0.00	0.00	0.89	0.88	0.00	0.00	0.00	0.00	0.29	0.45	3.42
2001	Dry	0.00	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	1.20
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.36	0.00	0.67
2003	Above Normal	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.31	0.00	0.91
	Average	0.14	0.38	0.35	0.11	0.18	0.14	0.00	0.00	0.01	0.10	0.16	0.20	1.77
	Wet	0.19	0.50	0.29	0.30	0.36	0.30	0.00	0.00	0.03	0.08	0.16	0.22	2.43
	Above Normal	0.18	0.45	0.33	0.10	0.18	0.27	0.00	0.00	0.02	0.05	0.23	0.20	2.01
	Below Normal	0.02	0.36	0.44	0.00	0.15	0.06	0.00	0.00	0.00	0.15	0.21	0.33	1.73
	Dry	0.09	0.35	0.43	0.00	0.01	0.00	0.00	0.00	0.00	0.17	0.04	0.21	1.29
	Critical	0.19	0.12	0.25	0.00	0.07	0.00	0.00	0.00	0.00	0.05	0.19	0.01	0.87

Energy Use (GWh) At Pumping Plant at DMC Intertie: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.55	0.85	0.97	0.00	0.00	0.57	0.00	0.00	0.15	0.02	0.14	0.31	3.56
1923	Below Normal	0.00	0.87	0.12	0.00	0.33	0.00	0.00	0.00	0.00	0.25	0.00	0.51	2.08
1924	Critical	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	1.17
1928	Above Normal	0.00	0.00	0.99	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.31	0.00	1.38
1929	Critical	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00	1.92
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	1.74
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.07	0.59
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.36
1936	Below Normal	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.63
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.63
1938	Wet	0.00	0.94	1.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.07	0.00	2.10
1939	Dry	0.00	0.00	0.97	0.00	0.16	0.00	0.00	0.00	0.00	0.33	0.00	0.00	1.46
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.31	0.00	1.21
1941	Wet	0.00	0.00	0.08	0.00	0.86	0.81	0.00	0.00	0.00	0.07	0.17	0.33	2.32
1942	Wet	0.00	0.88	0.00	0.97	0.83	0.79	0.00	0.00	0.00	0.02	0.14	0.31	3.94
1943	Wet	0.00	0.87	0.00	0.97	0.83	0.78	0.00	0.00	0.00	0.03	0.15	0.31	3.94
1944	Dry	0.00	0.87	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97
1945	Below Normal	0.00	0.95	0.00	0.00	0.00	0.88	0.00	0.00	0.00	0.17	0.25	0.37	2.62
1946	Below Normal	0.00	0.90	0.99	0.00	0.85	0.00	0.00	0.00	0.00	0.17	0.25	0.38	3.54
1947	Dry	0.63	0.90	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	2.05
1948	Below Normal	0.00	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.74	1.78
1949	Dry	0.91	0.50	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.37	2.09
1950	Below Normal	0.00	0.90	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	2.47
1951	Above Normal	0.84	0.93	1.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.36	3.52
1952	Wet	0.00	0.70	0.00	0.88	0.00	0.76	0.00	0.00	0.09	0.00	0.07	0.28	2.78
1953	Wet	0.00	0.85	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.34	0.57	3.02
1954	Above Normal	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.57	1.21
1955	Dry	0.00	0.76	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.52	2.53
1956	Wet	0.00	0.00	1.00	0.99	0.89	0.00	0.00	0.00	0.00	0.05	0.16	0.32	3.41
1957	Above Normal	0.00	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.00	1.29
1958	Wet	0.90	0.95	0.00	0.00	0.00	0.65	0.00	0.00	0.10	0.00	0.09	0.28	2.97
1959	Below Normal	0.00	0.85	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.37	0.00	2.10
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.14
1961	Dry	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.52	1.77
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.32	0.00	0.57
1963	Wet	0.80	0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.31	0.00	2.27
1964	Dry	0.00	0.92	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.32	0.52	3.01
1965	Wet	0.00	0.00	0.00	0.99	0.31	0.00	0.00	0.00	0.00	0.08	0.19	0.33	1.90
1966	Below Normal	0.00	0.88	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.31	0.00	2.41
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.09	0.00	0.07	0.28	0.89
1968	Below Normal	0.00	0.76	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.37	0.00	2.42
1969	Wet	0.00	0.00	1.00	0.00	0.87	0.00	0.00	0.00	0.09	0.00	0.07	0.00	2.03
1970	Wet	0.00	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	1.20
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.37	0.00	0.69
1972	Below Normal	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.34	0.00	1.58
1973	Above Normal	0.00	0.93	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.19	0.27	0.00	1.72
1974	Wet	0.00	0.91	0.51	0.03	0.00	0.79	0.00	0.00	0.00	0.02	0.14	0.31	2.71
1975	Wet	0.02	0.87	0.98	0.00	0.00	0.84	0.00	0.00	0.00	0.15	0.24	0.36	3.46
1976	Critical	0.73	0.00	0.99	0.00	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.60
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.26	0.41	0.00	0.00	0.00	0.00	0.13	0.30	1.10
1979	Below Normal	0.00	0.86	0.49	0.00	0.82	0.89	0.00	0.00	0.00	0.20	0.28	0.42	3.96
1980	Above Normal	0.26	0.00	0.99	0.06	0.89	0.00	0.00	0.00	0.00	0.00	0.12	0.00	2.32
1981	Dry	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.35	1.63
1982	Wet	0.74	0.93	0.00	0.00	0.87	0.00	0.00	0.00	0.09	0.00	0.07	0.28	2.98
1983	Wet	0.55	0.85	0.97	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.07	0.28	2.81
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.24	0.36	0.76
1985	Dry	0.00	0.90	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.35	2.48
1986	Wet	0.66	0.92	0.15	0.00	0.86	0.00	0.00	0.00	0.00	0.12	0.22	0.00	2.93
1987	Dry	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25
1988	Critical	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	1.18
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.06	0.38
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.34	0.00	0.69
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.27	0.41	0.87
1994	Critical	0.00	0.54	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	1.72
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.78	0.00	0.00	0.14	0.00	0.12	0.30	1.34
1996	Wet	0.00	0.00	0.00	0.00	0.86	0.83	0.00	0.00	0.00	0.10	0.20	0.34	2.33
1997	Wet	0.00	0.89	0.98	0.97	0.84	0.00	0.00	0.00	0.00	0.00	0.17	0.33	4.18
1998	Wet	0.00	0.00	0.98	0.00	0.83	0.76	0.00	0.00	0.10	0.00	0.09	0.28	3.04
1999	Wet	0.57	0.85	0.00	0.00	0.82	0.88	0.00	0.00	0.00	0.21	0.29	0.00	3.62
2000	Above Normal	0.00	0.91	0.00	0.00	0.89	0.88	0.00	0.00	0.00	0.00	0.29	0.45	3.42
2001	Dry	0.00	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	1.20
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.36	0.00	0.67
2003	Above Normal	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.31	0.00	0.91
	Average	0.12	0.39	0.36	0.09	0.18	0.17	0.00	0.00	0.01	0.10	0.16	0.20	1.78
	Wet	0.16	0.51	0.33	0.26	0.37	0.35	0.00	0.00	0.03	0.08	0.17	0.23	2.49
	Above Normal	0.14	0.43	0.33	0.02	0.20	0.24	0.00	0.00	0.01	0.05	0.26	0.20	1.88
	Below Normal	0.00	0.54	0.44	0.00	0.14	0.13	0.00	0.00	0.00	0.15	0.21	0.32	1.94
	Dry	0.09	0.32	0.43	0.00	0.01	0.00	0.00	0.00	0.00	0.16	0.04	0.20	1.24
	Critical	0.19	0.05	0.25	0.00	0.07	0.00	0.00	0.00	0.00	0.05	0.19	0.01	0.79

Difference in Energy Use (GWh) At Pumping Plant at DMC Intertie: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.85	0.00	0.00	(0.10)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1924	Critical	0.00	(0.90)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1936	Below Normal	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.31	0.00	0.03
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
1944	Dry	0.00	0.28	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.88	0.00	0.00	0.00	0.02	0.01	0.01	0.08
1946	Below Normal	(0.31)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02	(0.02)
1947	Dry	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1949	Dry	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	(0.09)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1953	Wet	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.02	0.03
1954	Above Normal	0.00	(0.24)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1955	Dry	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.65	0.00	0.00	0.01	0.00	0.01	0.00	0.06
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.01	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)	(0.01)
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.01
1968	Below Normal	0.00	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1969	Wet	0.00	0.00	0.00	(0.56)	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	(0.76)	0.00	0.00	(0.50)	0.00	0.79	0.00	0.00	0.00	0.02	0.01	0.01	(0.04)
1975	Wet	0.00	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	(0.63)	(0.41)	0.00	0.00	(0.12)	0.00	0.03	0.01	(0.09)
1979	Below Normal	0.00	0.86	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
1980	Above Normal	(0.50)	0.00	0.00	(0.92)	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1981	Dry	0.00	(0.86)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	(0.22)	(0.09)
1982	Wet	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	0.00	0.00	(0.01)
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.02	0.01	0.01
1996	Wet	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00
1999	Wet	0.02	0.00	0.00	0.00	0.01	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	(0.02)	0.01	0.01	(0.03)	0.01	0.02	0.00	0.00	(0.00)	0.00	0.01	(0.00)	0.00
	Wet	(0.03)	0.01	0.04	(0.04)	0.01	0.05	0.00	0.00	0.00	0.00	0.00	0.01	0.00
	Above Normal	(0.04)	(0.02)	0.00	(0.08)	0.02	(0.03)	0.00	0.00	(0.01)	0.00	0.03	0.00	(0.01)
	Below Normal	(0.02)	0.18	0.00	0.00	(0.01)	0.06	0.00	0.00	0.00	0.00	0.00	(0.00)	0.02
	Dry	0.00	(0.03)	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00	(0.01)	(0.00)
	Critical	0.00	(0.08)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)

Percent Difference in Energy Use (GWh) At Pumping Plant at DMC Intertie: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	>1,000%	0%	0%	-23%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	-100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	-11%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%
1936	Below Normal	0%	0%	11%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	-	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	17%	0%	3%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	7%	0%
1944	Dry	0%	47%	-17%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	-	0%	0%	0%	13%	4%	3%
1946	Below Normal	-100%	0%	0%	0%	0%	0%	0%	0%	0%	6%	0%	6%
1947	Dry	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1949	Dry	0%	0%	-6%	0%	0%	0%	0%	0%	0%	-6%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	-6%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-9%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	60%	0%	0%	0%	0%	0%	0%	0%	7%	3%	4%
1954	Above Normal	0%	-44%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	-	0%	0%	11%	0%	13%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-4%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	33%	12%	3%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-100%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	47%
1968	Below Normal	0%	-	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-100%	36%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	-100%	0%	0%	-94%	0%	-	0%	0%	0%	-	8%	3%
1975	Wet	0%	1%	0%	0%	0%	-1%	0%	0%	0%	-6%	-4%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	-71%	-50%	0%	0%	-100%	0%	30%	3%
1979	Below Normal	0%	-	11%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-66%	0%	0%	-94%	-	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	-100%	0%	0%	0%	0%	0%	0%	0%	7%	0%	-39%
1982	Wet	1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	-7%	0%	0%	0%	0%	0%	0%	-100%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	27%	0%	20%	3%
1996	Wet	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%	3%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	11%	0%	13%	0%
1999	Wet	4%	0%	0%	0%	1%	-1%	0%	0%	0%	-5%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-3%	-2%	0%	-4%	-1%	-1%	0%	0%	-1%	0%	1%	-1%
	Wet	-4%	2%	0%	-8%	2%	0%	0%	0%	2%	4%	3%	3%
	Above Normal	-5%	-4%	0%	-8%	-6%	-5%	0%	0%	-8%	0%	3%	0%
	Below Normal	-7%	0%	2%	0%	-2%	0%	0%	0%	0%	1%	0%	-7%
	Dry	0%	-3%	-2%	0%	0%	0%	0%	0%	0%	-5%	0%	-2%
	Critical	0%	-9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Energy Use (GWh) At Pumping Plant at DMC Other: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.07	0.03	0.02	0.01	0.02	0.02	0.02	0.02	0.08	0.10	0.10	0.08	0.57
1923	Below Normal	0.07	0.03	0.02	0.00	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1924	Critical	0.07	0.03	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.53
1925	Dry	0.05	0.02	0.01	0.01	0.01	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.60
1926	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1927	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1928	Above Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1929	Critical	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.07	0.63
1930	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.65
1931	Critical	0.07	0.03	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.53
1932	Dry	0.05	0.02	0.01	0.01	0.01	0.03	0.03	0.05	0.07	0.07	0.07	0.06	0.48
1933	Critical	0.05	0.02	0.01	0.01	0.02	0.03	0.03	0.05	0.07	0.07	0.07	0.06	0.49
1934	Critical	0.05	0.02	0.01	0.01	0.01	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.49
1935	Below Normal	0.05	0.02	0.01	0.01	0.01	0.04	0.04	0.07	0.08	0.09	0.09	0.08	0.59
1936	Below Normal	0.07	0.03	0.01	0.01	0.00	0.04	0.03	0.02	0.09	0.09	0.09	0.08	0.56
1937	Below Normal	0.07	0.03	0.01	0.00	0.00	0.02	0.01	0.02	0.05	0.09	0.09	0.08	0.47
1938	Wet	0.07	0.03	0.01	0.00	0.00	0.01	0.01	0.02	0.02	0.05	0.10	0.08	0.40
1939	Dry	0.07	0.03	0.02	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.66
1940	Above Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.05	0.09	0.09	0.09	0.08	0.62
1941	Wet	0.07	0.03	0.01	0.00	0.00	0.04	0.04	0.06	0.08	0.10	0.10	0.08	0.61
1942	Wet	0.07	0.03	0.01	0.00	0.01	0.04	0.04	0.06	0.06	0.10	0.08	0.08	0.58
1943	Wet	0.07	0.03	0.02	0.00	0.02	0.01	0.02	0.02	0.08	0.10	0.10	0.08	0.55
1944	Dry	0.07	0.03	0.02	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.65
1945	Below Normal	0.07	0.03	0.01	0.01	0.00	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.62
1946	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1947	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1948	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1949	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1950	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1951	Above Normal	0.07	0.03	0.01	0.00	0.01	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.62
1952	Wet	0.07	0.03	0.01	0.01	0.01	0.03	0.03	0.02	0.02	0.08	0.10	0.08	0.49
1953	Wet	0.07	0.03	0.02	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.65
1954	Above Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1955	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1956	Wet	0.07	0.03	0.01	0.00	0.00	0.01	0.03	0.06	0.08	0.10	0.10	0.08	0.57
1957	Above Normal	0.07	0.03	0.02	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.65
1958	Wet	0.07	0.03	0.01	0.01	0.02	0.03	0.04	0.04	0.04	0.10	0.10	0.08	0.57
1959	Below Normal	0.07	0.03	0.02	0.01	0.02	0.04	0.03	0.07	0.09	0.09	0.09	0.08	0.64
1960	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.08	0.08	0.64
1961	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.08	0.08	0.64
1962	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1963	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1964	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.65
1965	Wet	0.07	0.03	0.01	0.00	0.01	0.04	0.04	0.07	0.09	0.10	0.10	0.08	0.64
1966	Below Normal	0.07	0.03	0.02	0.01	0.02	0.04	0.03	0.07	0.09	0.09	0.09	0.08	0.64
1967	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.02	0.02	0.02	0.02	0.10	0.08	0.44
1968	Below Normal	0.07	0.02	0.02	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.65
1969	Wet	0.07	0.03	0.01	0.00	0.00	0.01	0.01	0.02	0.02	0.02	0.10	0.08	0.37
1970	Wet	0.07	0.03	0.02	0.00	0.01	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.63
1971	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1972	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1973	Above Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.04	0.09	0.09	0.09	0.08	0.61
1974	Wet	0.07	0.03	0.01	0.00	0.02	0.04	0.03	0.06	0.07	0.10	0.10	0.08	0.61
1975	Wet	0.07	0.03	0.02	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.65
1976	Critical	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
1977	Critical	0.07	0.03	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.53
1978	Above Normal	0.05	0.02	0.01	0.01	0.00	0.01	0.01	0.02	0.06	0.06	0.10	0.08	0.43
1979	Below Normal	0.07	0.03	0.02	0.01	0.02	0.04	0.04	0.04	0.09	0.09	0.09	0.08	0.62
1980	Above Normal	0.07	0.03	0.01	0.00	0.00	0.01	0.01	0.03	0.08	0.06	0.10	0.08	0.48
1981	Dry	0.07	0.03	0.02	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.65
1982	Wet	0.07	0.03	0.01	0.01	0.00	0.04	0.01	0.02	0.05	0.09	0.10	0.08	0.51
1983	Wet	0.04	0.02	0.01	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.06	0.05	0.27
1984	Wet	0.03	0.02	0.01	0.00	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.58
1985	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1986	Wet	0.07	0.03	0.01	0.01	0.00	0.01	0.01	0.02	0.03	0.10	0.09	0.08	0.46
1987	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.65
1988	Critical	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
1989	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1990	Critical	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.07	0.63
1991	Critical	0.07	0.03	0.01	0.01	0.02	0.03	0.03	0.05	0.07	0.07	0.07	0.06	0.52
1992	Critical	0.05	0.02	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.50
1993	Above Normal	0.05	0.02	0.01	0.01	0.01	0.04	0.04	0.06	0.08	0.09	0.09	0.08	0.58
1994	Critical	0.07	0.03	0.01	0.01	0.02	0.03	0.04	0.06	0.07	0.08	0.07	0.06	0.55
1995	Wet	0.05	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.04	0.02	0.10	0.08	0.38
1996	Wet	0.07	0.03	0.01	0.01	0.02	0.02	0.04	0.02	0.09	0.10	0.09	0.08	0.58
1997	Wet	0.07	0.03	0.01	0.00	0.01	0.02	0.04	0.06	0.08	0.10	0.08	0.08	0.58
1998	Wet	0.07	0.03	0.02	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.10	0.08	0.40
1999	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
2000	Above Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
2001	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
2002	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
2003	Above Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
	Average	0.07	0.03	0.01	0.01	0.02	0.03	0.04	0.06	0.08	0.08	0.09	0.08	0.58
	Wet	0.07	0.03	0.01	0.01	0.01	0.03	0.03	0.05	0.06	0.08	0.09	0.08	0.54
	Above Normal	0.07	0.03	0.01	0.01	0.02	0.03	0.03	0.05	0.09	0.09	0.09	0.08	0.59
	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.06	0.09	0.09	0.09	0.08	0.62
	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.63
	Critical	0.07	0.03	0.01	0.01	0.02	0.03	0.04	0.06	0.08	0.08	0.08	0.06	0.56

Energy Use (GWh) At Pumping Plant at DMC Other: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.07	0.03	0.02	0.01	0.02	0.02	0.02	0.05	0.09	0.10	0.10	0.08	0.61
1923	Below Normal	0.07	0.03	0.02	0.00	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1924	Critical	0.07	0.03	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.53
1925	Dry	0.05	0.02	0.01	0.01	0.01	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.60
1926	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1927	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1928	Above Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1929	Critical	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.07	0.63
1930	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.65
1931	Critical	0.07	0.03	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.53
1932	Dry	0.05	0.02	0.01	0.01	0.01	0.03	0.03	0.05	0.07	0.07	0.07	0.06	0.48
1933	Critical	0.05	0.02	0.01	0.01	0.02	0.03	0.03	0.05	0.07	0.07	0.07	0.06	0.49
1934	Critical	0.05	0.02	0.01	0.01	0.01	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.49
1935	Below Normal	0.05	0.02	0.01	0.01	0.01	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.60
1936	Below Normal	0.07	0.03	0.01	0.01	0.01	0.04	0.03	0.05	0.09	0.09	0.09	0.08	0.60
1937	Below Normal	0.07	0.03	0.01	0.00	0.00	0.04	0.01	0.02	0.08	0.09	0.09	0.08	0.52
1938	Wet	0.07	0.03	0.01	0.00	0.00	0.01	0.01	0.02	0.02	0.05	0.10	0.08	0.40
1939	Dry	0.07	0.03	0.02	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.08	0.08	0.65
1940	Above Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1941	Wet	0.07	0.03	0.01	0.00	0.01	0.04	0.04	0.06	0.08	0.10	0.10	0.08	0.62
1942	Wet	0.07	0.03	0.01	0.00	0.01	0.04	0.04	0.06	0.06	0.10	0.10	0.08	0.60
1943	Wet	0.07	0.03	0.02	0.00	0.02	0.01	0.02	0.03	0.08	0.10	0.10	0.08	0.56
1944	Dry	0.07	0.03	0.02	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.65
1945	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1946	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1947	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1948	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1949	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1950	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1951	Above Normal	0.07	0.03	0.01	0.00	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.63
1952	Wet	0.07	0.03	0.01	0.01	0.01	0.04	0.03	0.02	0.02	0.08	0.10	0.08	0.50
1953	Wet	0.07	0.03	0.02	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.65
1954	Above Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1955	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1956	Wet	0.07	0.03	0.01	0.01	0.00	0.01	0.03	0.06	0.08	0.10	0.10	0.08	0.58
1957	Above Normal	0.07	0.03	0.02	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.65
1958	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.04	0.04	0.10	0.10	0.08	0.58
1959	Below Normal	0.07	0.03	0.02	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.65
1960	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.65
1961	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.08	0.08	0.64
1962	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1963	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1964	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.65
1965	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.10	0.10	0.08	0.66
1966	Below Normal	0.07	0.03	0.02	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.65
1967	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.02	0.02	0.02	0.06	0.10	0.08	0.48
1968	Below Normal	0.07	0.02	0.02	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.65
1969	Wet	0.07	0.03	0.01	0.00	0.00	0.01	0.01	0.02	0.02	0.02	0.10	0.08	0.37
1970	Wet	0.07	0.03	0.02	0.00	0.01	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.63
1971	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1972	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1973	Above Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1974	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.03	0.06	0.07	0.10	0.10	0.08	0.62
1975	Wet	0.07	0.03	0.02	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.65
1976	Critical	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
1977	Critical	0.07	0.03	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.53
1978	Above Normal	0.05	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.06	0.10	0.10	0.08	0.48
1979	Below Normal	0.07	0.03	0.02	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.65
1980	Above Normal	0.07	0.03	0.01	0.00	0.00	0.01	0.01	0.03	0.08	0.09	0.10	0.08	0.51
1981	Dry	0.07	0.03	0.02	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.65
1982	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.01	0.02	0.05	0.09	0.10	0.08	0.53
1983	Wet	0.07	0.02	0.01	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.06	0.05	0.30
1984	Wet	0.03	0.02	0.01	0.00	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.58
1985	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1986	Wet	0.07	0.03	0.01	0.01	0.01	0.01	0.01	0.02	0.03	0.10	0.09	0.08	0.47
1987	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.65
1988	Critical	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
1989	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
1990	Critical	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.07	0.63
1991	Critical	0.07	0.03	0.01	0.01	0.02	0.03	0.03	0.05	0.07	0.07	0.07	0.06	0.52
1992	Critical	0.05	0.02	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.50
1993	Above Normal	0.05	0.02	0.01	0.01	0.02	0.04	0.04	0.06	0.08	0.09	0.09	0.08	0.59
1994	Critical	0.07	0.03	0.01	0.01	0.02	0.03	0.04	0.06	0.07	0.08	0.07	0.06	0.55
1995	Wet	0.05	0.02	0.01	0.01	0.02	0.03	0.01	0.02	0.04	0.02	0.10	0.08	0.41
1996	Wet	0.07	0.03	0.01	0.01	0.02	0.02	0.04	0.03	0.09	0.10	0.09	0.08	0.59
1997	Wet	0.07	0.03	0.01	0.00	0.01	0.02	0.04	0.06	0.08	0.10	0.08	0.08	0.58
1998	Wet	0.07	0.03	0.02	0.01	0.02	0.01	0.01	0.02	0.02	0.02	0.10	0.08	0.41
1999	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
2000	Above Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
2001	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
2002	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
2003	Above Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.64
	Average	0.07	0.03	0.01	0.01	0.02	0.03	0.04	0.06	0.08	0.08	0.09	0.08	0.59
	Wet	0.07	0.03	0.01	0.01	0.02	0.03	0.03	0.05	0.06	0.08	0.09	0.08	0.55
	Above Normal	0.07	0.03	0.01	0.01	0.02	0.03	0.03	0.06	0.09	0.09	0.09	0.08	0.61
	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.63
	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.08	0.63
	Critical	0.07	0.03	0.01	0.01	0.02	0.03	0.04	0.06	0.08	0.08	0.08	0.06	0.56

Difference in Energy Use (GWh) At Pumping Plant at DMC Other: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.03	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at DMC Other: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	150%	13%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	13%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	-	0%	0%	150%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	100%	0%	0%	60%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-11%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	40%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	25%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	13%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	-	100%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	200%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	75%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	-	0%	0%	0%	0%	67%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	75%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	0%	0%
1983	Wet	75%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	100%	200%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	1%	0%	0%	0%	7%	4%	1%	7%	1%	4%	0%	0%
	Wet	3%	0%	0%	0%	12%	10%	0%	4%	0%	8%	1%	0%
	Above Normal	0%	0%	0%	0%	17%	0%	0%	22%	1%	10%	0%	0%
	Below Normal	0%	0%	0%	0%	0%	7%	5%	16%	5%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Energy Use (GWh) At Pumping Plant at Folsom: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.90	0.69	0.70	0.65	0.60	0.49	0.84	0.56	0.53	0.56	0.65	0.78	7.95
1923	Below Normal	0.66	0.60	0.59	0.56	0.61	0.86	0.68	0.59	0.51	0.70	0.81	0.64	7.81
1924	Critical	0.66	0.63	0.66	0.74	0.77	0.78	1.69	1.70	1.93	2.00	1.77	1.27	14.60
1925	Dry	0.69	0.68	0.65	0.62	0.54	0.43	0.75	0.50	0.53	0.85	1.13	0.89	8.26
1926	Dry	0.69	0.50	0.55	0.59	0.57	0.61	0.45	0.68	1.04	1.56	1.70	1.26	10.20
1927	Wet	0.71	0.60	0.49	0.45	0.46	0.49	0.78	0.61	0.51	0.71	0.82	0.78	7.41
1928	Above Normal	0.66	0.61	0.65	0.64	0.61	0.49	0.78	0.60	0.64	1.18	1.56	1.26	9.68
1929	Critical	1.07	0.78	0.80	0.83	0.83	0.72	1.40	1.45	1.42	1.69	1.59	1.18	13.76
1930	Dry	0.92	0.75	0.62	0.53	0.46	0.41	0.65	0.68	0.89	1.37	1.54	1.11	9.93
1931	Critical	0.85	0.64	0.67	0.70	0.71	0.69	1.80	1.55	1.76	2.03	1.83	1.33	14.56
1932	Dry	0.95	0.74	0.70	0.65	0.53	0.48	0.80	0.52	0.46	0.53	0.64	0.66	7.66
1933	Critical	0.65	0.57	0.62	0.68	0.71	0.67	1.39	1.13	1.29	1.60	1.68	1.23	12.22
1934	Critical	0.82	0.80	0.68	0.63	0.54	0.56	1.08	1.19	1.76	2.05	1.85	1.59	13.55
1935	Below Normal	1.54	0.88	0.75	0.71	0.66	0.54	0.49	0.60	0.53	0.73	0.86	0.72	9.01
1936	Below Normal	0.59	0.55	0.60	0.57	0.52	0.50	0.78	0.53	0.46	0.64	0.73	0.70	7.17
1937	Below Normal	0.69	0.63	0.60	0.66	0.60	0.43	0.71	0.57	0.48	0.68	0.88	0.73	7.66
1938	Wet	0.60	0.48	0.51	0.51	0.51	0.49	0.75	0.59	0.53	0.58	0.68	0.75	6.98
1939	Dry	0.65	0.58	0.61	0.67	0.71	0.60	1.10	0.92	1.33	1.69	1.73	1.19	11.78
1940	Above Normal	0.85	0.80	0.70	0.60	0.47	0.47	0.87	0.58	0.52	0.75	0.96	0.94	8.51
1941	Wet	0.84	0.74	0.70	0.57	0.56	0.50	0.51	0.54	0.58	0.62	0.70	0.82	7.68
1942	Wet	0.67	0.61	0.61	0.56	0.57	0.51	0.49	0.54	0.57	0.61	0.70	0.80	7.24
1943	Wet	0.79	0.61	0.61	0.57	0.60	0.55	0.70	0.61	0.52	0.72	0.83	0.79	7.90
1944	Dry	0.86	0.73	0.79	0.83	0.82	0.72	1.10	0.98	1.07	1.39	1.53	1.18	12.00
1945	Below Normal	0.78	0.63	0.57	0.54	0.51	0.41	0.86	0.57	0.49	0.73	0.87	0.84	7.80
1946	Below Normal	0.57	0.56	0.54	0.54	0.55	0.51	0.93	0.56	0.51	0.73	0.97	0.88	7.85
1947	Dry	0.81	0.61	0.60	0.63	0.62	0.46	0.76	0.75	0.93	1.44	1.58	1.22	10.41
1948	Below Normal	0.68	0.65	0.67	0.65	0.62	0.59	0.67	0.52	0.55	0.68	0.78	0.76	7.82
1949	Dry	0.67	0.52	0.57	0.62	0.64	0.49	0.87	0.56	0.53	0.82	1.21	1.02	8.52
1950	Below Normal	0.86	0.64	0.71	0.65	0.56	0.46	0.74	0.56	0.50	0.69	0.80	0.66	7.83
1951	Above Normal	0.46	0.60	0.75	0.79	0.77	0.77	1.03	0.54	0.52	0.78	1.00	0.94	8.95
1952	Wet	0.71	0.65	0.61	0.56	0.56	0.49	0.77	0.61	0.50	0.55	0.64	0.69	7.34
1953	Wet	0.68	0.54	0.61	0.57	0.56	0.65	0.81	0.59	0.50	0.58	0.64	0.71	7.44
1954	Above Normal	0.68	0.56	0.61	0.60	0.57	0.50	0.61	0.60	0.61	1.00	1.24	0.95	8.53
1955	Dry	0.82	0.60	0.60	0.55	0.55	0.66	1.05	0.98	0.98	1.12	1.22	0.90	10.03
1956	Wet	0.74	0.59	0.57	0.57	0.61	0.73	0.89	0.54	0.52	0.55	0.64	0.69	7.64
1957	Above Normal	0.58	0.68	0.70	0.74	0.66	0.48	0.87	0.56	0.56	0.79	1.04	0.80	8.46
1958	Wet	0.59	0.60	0.56	0.55	0.56	0.51	0.49	0.59	0.54	0.59	0.68	0.73	6.99
1959	Below Normal	0.69	0.65	0.69	0.70	0.61	0.61	0.88	0.82	0.94	1.44	1.73	1.02	10.78
1960	Dry	1.03	0.86	0.77	0.78	0.69	0.44	0.76	0.65	0.77	0.93	1.04	0.86	9.58
1961	Dry	0.74	0.55	0.58	0.63	0.65	0.62	1.29	1.35	1.46	1.78	1.85	1.34	12.84
1962	Below Normal	1.06	0.73	0.72	0.71	0.60	0.42	0.80	0.57	0.49	0.69	0.95	0.82	8.56
1963	Wet	0.40	0.42	0.50	0.51	0.57	0.53	0.60	0.59	0.57	0.76	0.88	0.81	7.14
1964	Dry	0.65	0.56	0.57	0.57	0.56	0.69	1.18	0.89	0.88	1.14	1.33	1.08	10.10
1965	Wet	0.72	0.64	0.64	0.65	0.64	0.69	0.70	0.61	0.53	0.70	0.75	0.76	8.03
1966	Below Normal	0.84	0.63	0.64	0.62	0.61	0.66	0.86	0.63	0.73	1.14	1.43	1.07	9.86
1967	Wet	0.90	0.64	0.56	0.50	0.51	0.47	0.51	0.64	0.52	0.60	0.68	0.76	7.29
1968	Below Normal	0.69	0.53	0.60	0.58	0.58	0.50	0.90	0.87	1.02	1.57	1.73	1.28	10.85
1969	Wet	0.93	0.70	0.65	0.57	0.55	0.49	0.84	0.61	0.51	0.62	0.75	0.79	8.01
1970	Wet	0.67	0.54	0.56	0.66	0.76	0.63	1.05	0.77	0.67	0.97	1.16	1.06	9.50
1971	Wet	0.87	0.67	0.55	0.49	0.50	0.52	0.95	0.53	0.51	0.59	0.68	0.71	7.57
1972	Below Normal	0.68	0.56	0.59	0.56	0.56	0.62	0.80	0.62	0.64	1.00	1.25	0.82	8.70
1973	Above Normal	0.55	0.50	0.48	0.47	0.48	0.46	0.87	0.62	0.59	0.91	1.08	0.85	7.86
1974	Wet	0.59	0.54	0.56	0.61	0.67	0.58	0.80	0.64	0.53	0.51	0.67	0.73	7.43
1975	Wet	0.60	0.56	0.67	0.68	0.62	0.49	0.78	0.62	0.53	0.58	0.65	0.73	7.51
1976	Critical	0.45	0.54	0.64	0.69	0.76	1.00	1.35	1.39	1.52	1.64	1.46	1.10	12.54
1977	Critical	0.89	0.67	0.66	0.68	0.71	1.02	1.90	1.53	2.00	2.06	2.00	1.21	15.33
1978	Above Normal	0.58	1.04	0.72	0.60	0.45	0.46	0.62	0.62	0.54	0.72	0.85	0.71	7.91
1979	Below Normal	0.74	0.56	0.64	0.63	0.57	0.46	0.74	0.59	0.58	0.88	1.05	0.84	8.28
1980	Above Normal	0.51	0.51	0.53	0.60	0.70	0.62	0.81	0.58	0.52	0.53	0.69	0.81	7.41
1981	Dry	0.80	0.73	0.72	0.75	0.74	0.60	1.02	1.00	1.19	1.55	1.70	1.22	12.02
1982	Wet	0.71	0.61	0.62	0.68	0.70	0.62	0.53	0.68	0.59	0.63	0.72	0.59	7.68
1983	Wet	0.42	0.47	0.56	0.57	0.59	0.54	0.53	0.62	0.56	0.60	0.68	0.70	6.84
1984	Wet	0.59	0.54	0.77	0.81	0.77	0.80	0.90	0.53	0.43	0.63	0.74	0.71	8.22
1985	Dry	0.59	0.51	0.50	0.51	0.51	0.43	0.80	0.68	0.89	1.39	1.56	1.14	9.51
1986	Wet	0.88	0.70	0.67	0.58	0.61	0.56	0.85	0.59	0.57	0.87	1.15	0.96	8.99
1987	Dry	0.94	0.76	0.75	0.80	0.80	0.63	1.22	1.28	1.59	1.98	1.89	1.35	13.99
1988	Critical	0.97	0.72	0.71	0.64	0.60	0.75	1.05	1.17	1.42	1.69	1.60	1.17	12.49
1989	Dry	0.92	0.61	0.56	0.52	0.49	0.41	0.86	0.74	1.02	1.71	1.82	1.02	10.68
1990	Critical	0.81	0.72	0.75	0.76	0.75	0.73	1.29	0.90	1.43	1.62	1.54	1.13	12.43
1991	Critical	0.89	0.67	0.66	0.68	0.74	0.72	1.47	1.33	1.26	1.48	1.69	1.35	12.94
1992	Critical	0.89	0.79	0.72	0.72	0.68	0.55	0.99	1.29	1.64	2.24	2.63	0.00	13.14
1993	Above Normal	0.00	0.00	0.87	0.67	0.47	0.44	0.89	0.56	0.48	0.64	0.73	0.72	6.47
1994	Critical	0.64	0.55	0.66	0.73	0.76	0.92	1.63	1.39	1.72	1.82	1.76	1.34	13.92
1995	Wet	1.02	0.76	0.74	0.62	0.55	0.52	0.76	0.49	0.51	0.59	0.67	0.74	7.97
1996	Wet	0.75	0.68	0.59	0.56	0.63	0.58	0.76	0.45	0.57	0.68	0.78	0.79	7.82
1997	Wet	0.67	0.62	0.65	0.77	0.84	1.04	1.09	0.64	0.58	0.88	1.04	1.01	9.83
1998	Wet	0.90	0.74	0.74	0.62	0.52	0.49	0.75	0.38	0.58	0.62	0.71	0.73	7.78
1999	Wet	0.63	0.50	0.56	0.56	0.59	0.54	0.89	0.59	0.51	0.63	0.72	0.74	7.46
2000	Above Normal	0.74	0.61	0.71	0.65	0.58	0.56	0.93	0.55	0.56	0.91	1.19	0.90	8.89
2001	Dry	0.54	0.66	0.70	0.75	0.75	0.62	0.95	1.03	1.14	1.47	1.60	1.14	11.35
2002	Dry	0.88	0.62	0.53	0.46	0.46	0.45	0.85	0.50	0.51	0.79	1.10	0.86	8.01
2003	Above Normal	0.77	0.59	0.55	0.51	0.53	0.49	0.60	0.58	0.56	0.81	0.94	0.87	7.80
	Average	0.74	0.63	0.64	0.63	0.61	0.58	0.90	0.75	0.80	1.03	1.15	0.92	9.37
	Wet	0.71	0.61	0.61	0.59	0.60	0.58	0.75	0.58	0.54	0.65	0.76	0.77	7.76
	Above Normal	0.61	0.60	0.66	0.63	0.57	0.52	0.81	0.58	0.55	0.80	0.99	0.88	8.20
	Below Normal	0.79	0.63	0.64	0.62	0.58	0.54	0.77	0.61	0.60	0.88	1.06	0.84	8.57
	Dry	0.79	0.64	0.63	0.64	0.62	0.54	0.91	0.82	0.96	1.31	1.45	1.08	10.38
	Critical	0.80	0.67	0.69	0.71	0.71	0.76	1.42	1.34	1.60	1.83	1.78	1.16	13.46

Energy Use (GWh) At Pumping Plant at Folsom: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.90	0.69	0.70	0.65	0.60	0.49	0.84	0.56	0.53	0.56	0.65	0.78	7.95
1923	Below Normal	0.66	0.61	0.60	0.56	0.61	0.86	0.68	0.59	0.51	0.69	0.80	0.64	7.81
1924	Critical	0.68	0.66	0.69	0.76	0.79	0.81	1.75	1.76	1.99	2.04	1.80	1.28	15.01
1925	Dry	0.69	0.68	0.65	0.63	0.54	0.43	0.75	0.50	0.53	0.83	1.11	0.87	8.21
1926	Dry	0.68	0.49	0.54	0.59	0.56	0.62	0.46	0.68	1.04	1.54	1.70	1.27	10.17
1927	Wet	0.71	0.61	0.50	0.46	0.46	0.49	0.78	0.61	0.51	0.71	0.82	0.78	7.44
1928	Above Normal	0.66	0.61	0.65	0.64	0.61	0.49	0.78	0.60	0.65	1.18	1.56	1.27	9.70
1929	Critical	1.07	0.78	0.81	0.83	0.83	0.72	1.39	1.45	1.42	1.68	1.59	1.18	13.75
1930	Dry	0.92	0.75	0.62	0.53	0.46	0.41	0.65	0.68	0.89	1.36	1.53	1.11	9.91
1931	Critical	0.85	0.64	0.67	0.70	0.71	0.69	1.80	1.55	1.76	2.03	1.82	1.32	14.54
1932	Dry	0.94	0.73	0.70	0.65	0.52	0.48	0.80	0.52	0.46	0.53	0.64	0.66	7.63
1933	Critical	0.65	0.57	0.62	0.68	0.71	0.67	1.39	1.13	1.29	1.60	1.67	1.23	12.21
1934	Critical	0.82	0.80	0.68	0.63	0.54	0.56	1.08	1.18	1.76	2.05	1.85	1.59	13.54
1935	Below Normal	1.54	0.88	0.75	0.71	0.66	0.54	0.49	0.60	0.53	0.73	0.86	0.72	9.01
1936	Below Normal	0.59	0.55	0.60	0.57	0.52	0.50	0.78	0.53	0.46	0.64	0.73	0.70	7.17
1937	Below Normal	0.69	0.63	0.60	0.66	0.60	0.43	0.71	0.57	0.48	0.68	0.88	0.73	7.66
1938	Wet	0.60	0.48	0.51	0.51	0.51	0.49	0.75	0.59	0.53	0.57	0.65	0.74	6.93
1939	Dry	0.65	0.59	0.62	0.68	0.72	0.61	1.12	0.94	1.36	1.71	1.74	1.19	11.93
1940	Above Normal	0.85	0.80	0.70	0.60	0.47	0.47	0.87	0.58	0.52	0.75	0.99	0.98	8.58
1941	Wet	0.88	0.75	0.71	0.58	0.56	0.50	0.51	0.54	0.58	0.62	0.70	0.82	7.75
1942	Wet	0.67	0.61	0.61	0.56	0.57	0.51	0.49	0.54	0.57	0.61	0.70	0.80	7.24
1943	Wet	0.79	0.61	0.61	0.57	0.60	0.55	0.70	0.61	0.52	0.72	0.83	0.78	7.89
1944	Dry	0.85	0.73	0.80	0.84	0.82	0.73	1.11	1.00	1.09	1.41	1.55	1.19	12.12
1945	Below Normal	0.78	0.63	0.57	0.54	0.51	0.41	0.85	0.57	0.49	0.72	0.91	0.86	7.84
1946	Below Normal	0.56	0.55	0.54	0.54	0.55	0.51	0.93	0.56	0.51	0.73	0.97	0.88	7.83
1947	Dry	0.82	0.61	0.60	0.63	0.62	0.46	0.76	0.75	0.93	1.44	1.58	1.22	10.42
1948	Below Normal	0.68	0.65	0.67	0.65	0.62	0.59	0.67	0.52	0.55	0.68	0.78	0.76	7.82
1949	Dry	0.67	0.52	0.57	0.62	0.64	0.49	0.87	0.56	0.53	0.82	1.21	1.01	8.51
1950	Below Normal	0.86	0.64	0.71	0.65	0.56	0.46	0.74	0.56	0.50	0.69	0.80	0.66	7.83
1951	Above Normal	0.46	0.60	0.75	0.79	0.77	0.77	1.03	0.54	0.52	0.78	1.00	0.94	8.95
1952	Wet	0.71	0.65	0.61	0.56	0.56	0.49	0.77	0.61	0.50	0.55	0.64	0.69	7.34
1953	Wet	0.68	0.56	0.63	0.58	0.56	0.64	0.81	0.59	0.50	0.58	0.64	0.71	7.48
1954	Above Normal	0.68	0.56	0.61	0.60	0.57	0.50	0.61	0.60	0.61	1.00	1.24	0.95	8.53
1955	Dry	0.82	0.60	0.60	0.55	0.55	0.66	1.05	0.98	0.98	1.12	1.22	0.90	10.03
1956	Wet	0.74	0.59	0.57	0.57	0.61	0.73	0.89	0.54	0.52	0.55	0.64	0.69	7.64
1957	Above Normal	0.58	0.68	0.70	0.74	0.66	0.48	0.87	0.56	0.56	0.79	1.04	0.80	8.46
1958	Wet	0.59	0.60	0.56	0.55	0.56	0.51	0.49	0.59	0.54	0.59	0.68	0.73	6.99
1959	Below Normal	0.69	0.65	0.69	0.70	0.61	0.61	0.88	0.82	0.94	1.44	1.73	1.02	10.78
1960	Dry	1.03	0.87	0.77	0.78	0.70	0.44	0.76	0.65	0.77	0.93	1.04	0.86	9.60
1961	Dry	0.74	0.55	0.58	0.63	0.65	0.62	1.29	1.35	1.46	1.78	1.85	1.34	12.84
1962	Below Normal	1.06	0.73	0.72	0.71	0.60	0.42	0.80	0.57	0.49	0.69	0.95	0.82	8.56
1963	Wet	0.40	0.42	0.50	0.51	0.57	0.53	0.60	0.59	0.57	0.76	0.88	0.81	7.14
1964	Dry	0.65	0.56	0.57	0.57	0.56	0.69	1.18	0.89	0.88	1.14	1.33	1.08	10.10
1965	Wet	0.72	0.64	0.64	0.65	0.64	0.69	0.70	0.61	0.53	0.70	0.75	0.76	8.03
1966	Below Normal	0.84	0.63	0.63	0.62	0.60	0.66	0.85	0.63	0.73	1.14	1.43	1.07	9.83
1967	Wet	0.90	0.64	0.56	0.50	0.51	0.47	0.51	0.64	0.52	0.60	0.68	0.76	7.29
1968	Below Normal	0.70	0.55	0.63	0.61	0.59	0.50	0.90	0.87	1.02	1.58	1.74	1.28	10.97
1969	Wet	0.94	0.70	0.65	0.57	0.55	0.49	0.84	0.61	0.51	0.62	0.75	0.79	8.02
1970	Wet	0.67	0.54	0.56	0.66	0.76	0.63	1.05	0.77	0.67	0.97	1.16	1.06	9.50
1971	Wet	0.87	0.67	0.55	0.49	0.50	0.52	0.95	0.53	0.51	0.59	0.68	0.71	7.57
1972	Below Normal	0.68	0.56	0.59	0.56	0.56	0.62	0.80	0.62	0.64	1.00	1.25	0.82	8.70
1973	Above Normal	0.55	0.50	0.48	0.47	0.48	0.46	0.87	0.62	0.59	0.91	1.08	0.86	7.87
1974	Wet	0.62	0.55	0.56	0.61	0.67	0.58	0.80	0.64	0.53	0.51	0.67	0.73	7.47
1975	Wet	0.60	0.56	0.66	0.68	0.62	0.49	0.78	0.62	0.53	0.58	0.65	0.73	7.50
1976	Critical	0.45	0.54	0.64	0.69	0.76	1.01	1.35	1.39	1.52	1.64	1.46	1.10	12.55
1977	Critical	0.89	0.67	0.66	0.68	0.71	1.02	1.90	1.53	2.01	2.06	2.00	1.24	15.37
1978	Above Normal	0.80	1.04	0.72	0.60	0.45	0.46	0.62	0.62	0.54	0.72	0.85	0.71	8.13
1979	Below Normal	0.74	0.57	0.66	0.65	0.58	0.46	0.73	0.58	0.57	0.88	1.07	0.86	8.35
1980	Above Normal	0.52	0.51	0.53	0.60	0.69	0.62	0.81	0.58	0.52	0.60	0.87	0.95	7.80
1981	Dry	0.86	0.73	0.71	0.74	0.73	0.59	0.99	0.97	1.16	1.51	1.68	1.21	11.88
1982	Wet	0.70	0.61	0.62	0.68	0.70	0.62	0.53	0.68	0.59	0.63	0.72	0.59	7.67
1983	Wet	0.42	0.47	0.56	0.57	0.59	0.54	0.53	0.62	0.56	0.60	0.68	0.70	6.84
1984	Wet	0.59	0.54	0.77	0.81	0.77	0.80	0.90	0.53	0.43	0.63	0.74	0.71	8.22
1985	Dry	0.59	0.51	0.50	0.51	0.51	0.43	0.80	0.68	0.89	1.39	1.56	1.14	9.51
1986	Wet	0.88	0.70	0.67	0.58	0.61	0.55	0.85	0.59	0.57	0.87	1.15	0.96	8.98
1987	Dry	0.94	0.76	0.75	0.80	0.80	0.63	1.22	1.28	1.59	1.97	1.89	1.35	13.98
1988	Critical	0.96	0.72	0.71	0.64	0.59	0.75	1.05	1.17	1.42	1.69	1.60	1.17	12.47
1989	Dry	0.92	0.61	0.56	0.52	0.48	0.41	0.86	0.74	1.02	1.71	1.82	1.02	10.67
1990	Critical	0.81	0.72	0.75	0.76	0.75	0.73	1.29	0.90	1.43	1.62	1.54	1.13	12.43
1991	Critical	0.89	0.67	0.66	0.68	0.74	0.72	1.47	1.33	1.25	1.48	1.69	1.35	12.93
1992	Critical	0.89	0.79	0.72	0.72	0.69	0.55	0.99	1.30	1.64	2.24	2.51	0.00	13.04
1993	Above Normal	0.00	0.00	0.87	0.67	0.47	0.44	0.89	0.56	0.48	0.64	0.73	0.72	6.47
1994	Critical	0.64	0.55	0.66	0.73	0.76	0.92	1.62	1.39	1.72	1.81	1.76	1.34	13.90
1995	Wet	1.02	0.76	0.74	0.62	0.55	0.52	0.76	0.49	0.51	0.59	0.67	0.74	7.97
1996	Wet	0.75	0.69	0.60	0.56	0.63	0.58	0.76	0.45	0.57	0.68	0.78	0.79	7.84
1997	Wet	0.67	0.62	0.65	0.77	0.84	1.04	1.09	0.64	0.58	0.88	1.04	1.01	9.83
1998	Wet	0.90	0.74	0.74	0.62	0.52	0.49	0.75	0.38	0.58	0.62	0.71	0.73	7.78
1999	Wet	0.63	0.50	0.56	0.56	0.59	0.54	0.89	0.59	0.51	0.63	0.72	0.74	7.46
2000	Above Normal	0.74	0.61	0.71	0.65	0.58	0.56	0.93	0.55	0.56	0.91	1.19	0.90	8.89
2001	Dry	0.54	0.66	0.70	0.75	0.75	0.62	0.95	1.03	1.14	1.47	1.60	1.14	11.35
2002	Dry	0.88	0.62	0.53	0.46	0.46	0.45	0.85	0.50	0.51	0.79	1.10	0.86	8.01
2003	Above Normal	0.78	0.59	0.55	0.51	0.53	0.49	0.60	0.58	0.56	0.81	0.94	0.87	7.81
	Average	0.74	0.63	0.64	0.63	0.61	0.58	0.90	0.75	0.80	1.03	1.15	0.93	9.39
	Wet	0.72	0.61	0.61	0.59	0.60	0.58	0.75	0.58	0.54	0.65	0.76	0.77	7.76
	Above Normal	0.63	0.60	0.66	0.63	0.57	0.52	0.81	0.58	0.55	0.80	1.01	0.89	8.26
	Below Normal	0.79	0.63	0.64	0.62	0.58	0.54	0.77	0.61	0.60	0.88	1.06	0.84	8.58
	Dry	0.79	0.64	0.63	0.64	0.62	0.54	0.92	0.82	0.96	1.30	1.45	1.08	10.38
	Critical	0.80	0.68	0.69	0.71	0.72	0.76	1.42	1.34	1.60	1.83	1.77	1.16	13.48

Difference in Energy Use (GWh) At Pumping Plant at Folsom: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00
1924	Critical	0.02	0.03	0.03	0.02	0.02	0.03	0.06	0.06	0.06	0.04	0.03	0.01	0.03
1925	Dry	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.02)	(0.02)	0.00
1926	Dry	(0.01)	(0.01)	(0.01)	0.00	(0.01)	0.01	0.01	0.00	0.00	(0.02)	0.00	0.01	0.00
1927	Wet	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00
1929	Critical	0.00	0.00	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00
1932	Dry	(0.01)	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.03)	(0.01)	0.00
1939	Dry	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.02	0.01	0.00	0.01
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.04	0.01
1941	Wet	0.04	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1944	Dry	(0.01)	0.00	0.01	0.01	0.00	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.01
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.04	0.02	0.00
1946	Below Normal	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.02	0.02	0.01	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	(0.01)	0.00	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.01	0.02	0.03	0.03	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01
1969	Wet	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1974	Wet	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.03	0.00
1978	Above Normal	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1979	Below Normal	0.00	0.01	0.02	0.02	0.01	0.00	(0.01)	(0.01)	(0.01)	0.00	0.02	0.02	0.01
1980	Above Normal	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.07	0.18	0.14	0.03
1981	Dry	0.06	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.03)	(0.03)	(0.03)	(0.04)	(0.02)	(0.01)	(0.01)
1982	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1988	Critical	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	(0.12)	0.00	(0.01)
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Wet	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	0.00
	Above Normal	0.02	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.01
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	0.00	0.00	0.00
	Dry	0.00	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	0.00
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	(0.01)	0.00	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at Folsom: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	2%	2%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%
1924	Critical	3%	5%	5%	3%	3%	4%	4%	4%	3%	2%	2%	1%
1925	Dry	0%	0%	0%	2%	0%	0%	0%	0%	0%	-2%	-2%	-2%
1926	Dry	-1%	-2%	-2%	0%	-2%	2%	2%	0%	0%	-1%	0%	1%
1927	Wet	0%	2%	2%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	1%
1929	Critical	0%	0%	1%	0%	0%	0%	-1%	0%	0%	-1%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1932	Dry	-1%	-1%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	-4%	-1%
1939	Dry	0%	2%	2%	1%	1%	2%	2%	2%	2%	1%	1%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	4%
1941	Wet	5%	1%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1944	Dry	-1%	0%	1%	1%	0%	1%	1%	2%	2%	1%	1%	1%
1945	Below Normal	0%	0%	0%	0%	0%	0%	-1%	0%	0%	-1%	5%	2%
1946	Below Normal	-2%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	4%	3%	2%	0%	-2%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	-2%	0%	-2%	0%	-1%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	1%	4%	5%	5%	2%	0%	0%	0%	0%	1%	1%	0%
1969	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1974	Wet	5%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1978	Above Normal	38%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	2%	3%	3%	2%	0%	-1%	-2%	-2%	0%	2%	2%
1980	Above Normal	2%	0%	0%	0%	-1%	0%	0%	0%	0%	13%	26%	17%
1981	Dry	7%	0%	-1%	-1%	-1%	-2%	-3%	-3%	-3%	-3%	-1%	-1%
1982	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1988	Critical	-1%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	1%	0%	0%	1%	0%	0%	-5%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	-1%	0%	0%	-1%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	3%	0%	0%	0%	0%	0%	0%	0%	0%	1%	2%	2%
	Below Normal	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Energy Use (GWh) At Pumping Plant at Misc: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1923	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1924	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1925	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1926	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1927	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1928	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1929	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1930	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1931	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1932	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1933	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1934	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1935	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1936	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1937	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1938	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1939	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1940	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1941	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1942	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1943	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1944	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1945	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1946	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1947	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1948	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1949	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1950	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1951	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1952	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1953	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1954	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1955	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1956	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1957	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1958	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1959	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1960	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1961	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1962	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1963	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1964	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1965	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1966	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1967	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1968	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1969	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1970	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1971	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1972	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1973	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1974	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1975	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1976	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1977	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1978	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1979	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1980	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1981	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1982	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1983	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1984	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1985	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1986	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1987	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1988	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1989	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1990	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1991	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1992	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1993	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1994	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1995	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1996	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1997	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1998	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1999	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
2000	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
2001	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
2002	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
2003	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Average	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78

Energy Use (GWh) At Pumping Plant at Misc: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1923	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1924	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1925	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1926	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1927	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1928	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1929	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1930	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1931	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1932	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1933	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1934	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1935	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1936	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1937	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1938	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1939	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1940	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1941	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1942	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1943	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1944	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1945	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1946	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1947	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1948	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1949	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1950	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1951	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1952	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1953	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1954	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1955	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1956	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1957	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1958	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1959	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1960	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1961	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1962	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1963	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1964	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1965	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1966	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1967	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1968	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1969	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1970	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1971	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1972	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1973	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1974	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1975	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1976	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1977	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1978	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1979	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1980	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1981	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1982	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1983	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1984	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1985	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1986	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1987	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1988	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1989	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1990	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1991	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1992	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1993	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1994	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1995	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1996	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1997	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1998	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
1999	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
2000	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
2001	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
2002	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
2003	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Average	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Wet	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Above Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Below Normal	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Dry	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78
	Critical	5.11	3.43	4.62	4.46	6.07	8.47	2.49	3.71	10.60	16.83	24.76	6.23	96.78

Difference in Energy Use (GWh) At Pumping Plant at Misc: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at Misc: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Energy Use (GWh) At Pumping Plant at O'Neill: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	7.14	10.97	13.46	11.36	7.91	12.74	0.00	0.00	3.44	1.62	2.51	5.30	76.45
1923	Below Normal	6.07	10.99	13.49	12.41	11.35	5.95	0.00	0.00	0.00	3.37	2.52	5.77	71.92
1924	Critical	7.31	11.06	12.11	10.80	4.92	0.00	0.00	0.00	0.00	0.00	0.00	2.61	48.81
1925	Dry	5.08	1.37	13.17	10.54	6.00	4.51	0.00	0.00	0.00	3.43	1.62	2.51	48.23
1926	Dry	5.05	10.30	10.58	10.29	3.42	0.00	0.00	0.00	0.00	1.06	0.00	4.58	45.28
1927	Wet	5.01	11.09	11.78	7.18	10.81	8.35	0.00	0.00	0.00	3.11	3.11	2.99	63.43
1928	Above Normal	2.28	10.53	13.54	11.07	4.89	10.42	0.00	0.00	0.00	1.11	3.86	5.23	62.93
1929	Critical	3.05	5.69	13.54	10.57	8.41	4.04	0.00	0.00	0.00	0.00	4.99	2.24	52.53
1930	Dry	4.43	6.12	10.38	7.37	6.15	4.28	0.00	0.00	0.00	0.30	0.00	1.12	40.15
1931	Critical	3.56	7.83	9.80	10.22	9.60	0.59	0.00	0.00	0.00	0.00	0.00	2.99	44.59
1932	Dry	5.04	5.01	13.96	11.37	12.22	0.00	0.00	0.00	0.00	0.00	2.12	7.89	57.61
1933	Critical	5.23	7.31	13.43	13.06	3.83	1.27	0.00	0.00	0.00	0.00	7.03	7.96	59.12
1934	Critical	5.59	5.12	8.40	1.06	1.01	0.00	0.00	0.00	0.00	0.00	0.00	2.33	23.51
1935	Below Normal	3.96	8.45	13.92	11.68	7.77	4.35	0.00	0.00	0.00	0.46	0.00	5.86	56.45
1936	Below Normal	7.25	9.52	13.57	6.69	4.81	3.02	0.40	0.00	0.00	2.81	0.00	5.78	53.85
1937	Below Normal	7.14	10.94	12.92	7.74	3.14	1.29	2.20	1.51	0.00	0.00	0.00	5.84	52.72
1938	Wet	4.52	11.08	12.03	2.55	2.50	5.75	5.35	10.91	10.23	6.84	1.98	5.06	78.80
1939	Dry	5.38	0.00	13.46	10.77	11.02	1.47	0.00	0.00	0.00	3.82	0.52	5.83	52.27
1940	Above Normal	4.55	9.50	6.88	8.03	8.93	10.45	0.00	0.00	0.00	1.55	3.30	2.70	55.89
1941	Wet	3.68	7.18	14.14	14.04	13.28	10.50	0.00	0.00	1.98	1.89	2.73	5.40	74.82
1942	Wet	3.97	11.00	14.04	14.81	12.86	10.23	0.00	0.00	4.55	1.59	3.88	5.29	82.22
1943	Wet	4.96	10.99	12.45	14.80	12.03	14.29	1.41	0.00	0.63	1.65	2.54	5.31	81.06
1944	Dry	4.66	10.99	13.49	10.83	9.74	4.01	0.00	0.00	0.00	3.47	0.00	2.15	59.34
1945	Below Normal	4.68	11.09	12.67	11.04	12.97	10.36	0.00	0.00	0.00	2.65	3.33	5.67	74.46
1946	Below Normal	7.26	11.03	13.52	14.33	11.34	7.13	0.00	0.00	0.00	2.70	3.37	5.68	76.36
1947	Dry	7.26	11.03	13.52	13.44	9.09	0.00	0.00	0.00	0.00	3.38	0.15	4.82	62.69
1948	Below Normal	4.89	11.06	11.12	5.93	0.24	4.32	0.00	0.00	0.00	2.06	4.70	5.90	50.22
1949	Dry	7.39	11.09	13.58	10.34	8.65	2.03	0.00	0.00	0.00	2.73	1.75	5.69	63.25
1950	Below Normal	7.25	11.03	13.52	6.65	5.90	7.55	0.00	0.00	0.00	2.99	2.02	5.82	62.73
1951	Above Normal	7.34	11.07	14.49	14.88	2.67	3.92	0.00	0.00	0.00	0.00	3.34	5.67	63.38
1952	Wet	4.10	11.03	12.48	13.90	12.70	12.19	1.84	3.54	10.23	2.63	1.98	5.06	91.68
1953	Wet	3.33	10.97	13.46	9.94	9.85	8.45	0.00	0.00	0.00	3.57	4.06	5.79	69.42
1954	Above Normal	1.12	11.06	12.97	6.07	5.82	7.53	0.00	0.00	0.00	0.00	4.13	5.81	54.51
1955	Dry	3.88	11.07	13.56	11.57	9.50	3.99	0.00	0.00	0.00	3.41	2.36	5.77	65.11
1956	Wet	3.95	10.57	14.48	14.86	13.76	5.28	0.00	0.00	2.94	1.81	2.66	5.37	75.68
1957	Above Normal	4.63	11.00	13.43	10.46	3.48	0.00	0.00	0.00	0.00	3.06	4.69	5.81	56.56
1958	Wet	7.39	11.09	11.74	7.85	11.19	11.11	3.00	0.00	8.67	0.87	2.00	5.06	79.97
1959	Below Normal	4.89	10.97	13.46	6.30	7.13	6.99	0.00	0.00	0.00	3.95	4.36	3.00	61.05
1960	Dry	5.24	8.54	11.51	10.20	5.26	3.90	0.00	0.00	0.00	2.38	0.00	5.83	52.86
1961	Dry	4.96	10.85	13.56	10.58	4.35	6.97	0.00	0.00	0.00	3.41	1.21	5.77	61.66
1962	Below Normal	4.25	10.22	8.85	12.48	7.83	8.88	0.00	0.00	0.00	3.40	3.93	5.16	65.00
1963	Wet	7.32	11.06	11.07	7.32	7.51	7.86	0.00	0.00	0.00	3.32	3.86	0.42	59.74
1964	Dry	3.83	11.05	13.54	10.94	7.18	4.56	0.00	0.00	0.00	3.42	3.94	5.78	64.24
1965	Wet	3.92	6.75	12.41	14.86	13.05	10.23	0.00	0.00	0.00	1.92	2.75	5.40	71.29
1966	Below Normal	3.28	11.00	13.50	12.80	10.40	5.84	0.00	0.00	0.00	3.29	3.83	5.76	69.70
1967	Wet	5.83	9.46	12.05	12.12	9.86	10.44	3.92	2.23	10.23	10.15	1.98	5.06	93.33
1968	Below Normal	6.06	5.82	13.46	10.72	4.80	7.84	0.00	0.00	0.00	3.89	4.31	3.18	60.08
1969	Wet	6.62	10.33	13.56	14.88	13.32	5.76	6.52	9.79	10.23	10.15	1.98	3.84	106.98
1970	Wet	5.81	0.00	13.05	14.78	10.03	3.92	0.00	0.00	0.00	1.05	3.31	4.46	56.41
1971	Wet	4.48	5.22	12.53	10.55	8.39	9.74	0.00	0.00	0.00	3.91	4.33	5.84	64.99
1972	Below Normal	4.69	5.68	13.56	10.31	3.79	3.39	0.00	0.00	0.00	3.61	4.09	4.66	53.78
1973	Above Normal	5.95	11.06	11.61	9.12	11.48	9.81	0.00	0.00	0.00	2.94	3.56	0.00	65.53
1974	Wet	7.28	11.04	13.53	14.85	10.54	7.80	0.00	0.00	1.16	1.48	2.41	5.25	75.34
1975	Wet	7.18	10.99	13.48	10.77	7.76	10.33	0.00	0.00	0.51	2.67	3.35	5.67	72.71
1976	Critical	7.26	10.12	13.52	12.08	11.81	5.86	0.00	0.00	0.00	0.00	0.00	0.00	60.65
1977	Critical	1.84	9.28	9.43	9.44	9.38	0.00	0.00	0.00	0.00	0.00	5.99	0.00	45.36
1978	Above Normal	2.61	2.72	9.27	9.40	13.51	14.33	3.00	0.68	6.44	5.86	2.21	5.16	75.19
1979	Below Normal	5.37	9.90	13.47	12.86	11.17	11.09	0.00	0.00	0.00	2.98	3.59	5.72	76.15
1980	Above Normal	7.28	6.71	13.53	14.85	13.61	5.28	0.25	0.00	4.03	5.32	2.34	0.00	73.20
1981	Dry	6.48	10.98	13.48	10.78	8.29	5.58	0.00	0.00	0.00	3.63	2.08	5.80	67.10
1982	Wet	7.33	11.06	11.54	12.59	13.29	8.71	6.60	4.02	7.00	1.98	1.98	5.06	91.16
1983	Wet	10.46	12.93	14.43	6.58	6.60	5.77	6.59	9.64	10.23	10.15	5.89	7.90	107.17
1984	Wet	3.51	3.28	4.46	6.58	6.60	3.94	0.00	0.00	0.00	2.66	3.33	5.67	40.03
1985	Dry	3.63	11.03	13.52	10.84	9.00	5.53	0.00	0.00	0.00	3.31	3.49	5.76	66.11
1986	Wet	7.31	11.05	13.54	6.33	13.26	10.35	2.93	1.32	7.63	2.43	3.11	0.00	79.26
1987	Dry	2.32	1.76	13.57	10.56	8.36	3.79	0.00	0.00	0.00	4.24	0.00	2.14	46.74
1988	Critical	7.38	9.95	10.32	7.13	0.42	0.00	0.00	0.00	0.00	0.71	4.98	0.00	40.89
1989	Dry	2.13	6.66	9.49	10.25	1.62	0.00	0.00	0.00	0.00	3.90	0.00	5.84	39.89
1990	Critical	3.53	7.99	12.46	9.82	4.79	0.00	0.00	0.00	0.00	0.42	3.79	0.00	42.80
1991	Critical	4.00	6.66	8.93	1.62	4.28	0.74	0.00	0.00	0.00	0.00	4.23	0.24	30.70
1992	Critical	0.94	8.66	5.59	5.57	3.91	4.79	0.00	0.00	0.00	6.25	6.66	0.00	42.37
1993	Above Normal	0.68	6.50	11.07	10.29	11.86	9.32	0.00	0.00	2.91	2.92	3.54	5.71	64.80
1994	Critical	5.92	11.04	13.53	10.19	8.31	4.22	0.00	0.00	0.00	5.08	5.40	5.07	68.76
1995	Wet	2.69	11.55	11.10	9.68	10.88	14.16	2.79	11.14	8.66	10.38	2.30	5.14	100.47
1996	Wet	1.52	3.59	12.13	8.67	11.92	12.72	0.00	0.00	0.00	2.25	3.02	5.52	61.34
1997	Wet	2.57	11.02	14.46	14.82	13.14	9.98	0.00	0.00	0.00	0.95	4.09	5.38	76.41
1998	Wet	2.99	5.28	13.49	9.44	13.09	14.26	3.41	2.79	10.24	10.15	2.04	5.07	92.25
1999	Wet	7.14	11.03	13.41	13.29	11.02	10.40	0.00	0.00	0.00	3.12	3.70	3.95	77.06
2000	Above Normal	0.88	11.05	12.24	6.63	11.89	10.40	0.00	0.00	0.00	0.00	3.69	5.74	62.52
2001	Dry	1.81	11.05	12.62	11.16	7.49	5.76	0.00	0.00	0.00	3.66	0.00	2.58	56.13
2002	Dry	6.69	7.51	12.46	8.23	6.08	4.43	0.00	0.00	0.00	3.84	4.27	4.45	57.96
2003	Above Normal	7.06	11.07	11.91	6.90	8.54	7.09	0.00	0.00	0.00	3.31	3.85	3.22	62.95
	Average	4.93	9.01	12.35	10.25	8.42	6.27	0.61	0.70	1.49	2.86	2.76	4.35	64.00
	Wet	5.19	9.26	12.57	11.08	10.74	9.33	1.71	2.13	4.04	3.95	3.01	4.81	77.81
	Above Normal	4.29	9.44	12.03	9.92	8.72	8.44	0.27	0.06	1.40	2.31	3.42	4.20	64.49
	Below Normal	5.50	9.84	12.93	10.14	7.33	6.29	0.19	0.11	0.00	2.73	2.86	5.27	63.18
	Dry	4.74	8.13	12.75	10.56	7.41	3.38	0.00	0.00	0.00	2.97	1.31	4.68	55.92
	Critical	4.63	8.39	10.92	8.46	5.89	1.79	0.00	0.00	0.00	1.04	3.59	1.95	46.67

Energy Use (GWh) At Pumping Plant at O'Neill: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	7.14	10.97	13.46	11.36	7.62	12.59	0.00	0.00	2.36	1.64	2.53	5.31	74.98
1923	Below Normal	6.45	10.99	13.49	12.16	11.14	5.97	0.00	0.00	0.00	3.40	1.12	5.77	70.49
1924	Critical	7.31	10.53	10.28	10.45	4.93	0.00	0.00	0.00	0.00	0.00	0.00	2.65	46.15
1925	Dry	5.05	1.16	13.17	10.54	5.99	4.54	0.00	0.00	0.00	2.79	2.37	2.35	47.96
1926	Dry	5.11	10.44	10.58	10.30	3.47	0.00	0.00	0.00	0.00	2.24	0.00	4.71	46.85
1927	Wet	4.99	11.09	11.77	7.17	10.73	8.36	0.00	0.00	0.00	3.15	3.48	2.95	63.69
1928	Above Normal	2.37	10.49	13.54	11.08	4.90	10.42	0.00	0.00	0.00	1.08	3.85	5.27	63.00
1929	Critical	3.05	5.72	13.54	10.57	8.41	4.04	0.00	0.00	0.00	0.00	4.99	2.24	52.56
1930	Dry	4.43	6.12	10.38	7.37	6.15	4.27	0.00	0.00	0.00	0.43	0.00	0.99	40.14
1931	Critical	3.56	7.83	9.80	10.22	9.60	0.59	0.00	0.00	0.00	0.00	0.00	3.00	44.60
1932	Dry	5.02	5.00	13.96	11.37	12.36	0.00	0.00	0.00	0.00	0.00	2.12	7.89	57.72
1933	Critical	5.19	7.28	13.43	13.06	4.21	1.27	0.00	0.00	0.00	0.00	7.03	7.96	59.43
1934	Critical	5.57	5.13	8.45	1.07	1.01	0.00	0.00	0.00	0.00	0.00	0.00	2.32	23.55
1935	Below Normal	4.46	8.45	13.93	11.68	7.77	4.35	0.00	0.00	0.00	0.45	0.00	5.86	56.95
1936	Below Normal	7.24	9.51	13.57	6.69	4.99	3.02	0.00	0.00	0.00	2.84	0.00	5.78	53.64
1937	Below Normal	7.14	10.94	12.92	12.05	3.14	1.29	1.71	0.17	0.00	0.00	0.00	5.84	55.20
1938	Wet	4.52	11.08	14.50	5.61	2.49	7.77	4.47	4.38	10.23	6.61	1.98	5.06	78.70
1939	Dry	5.46	0.00	13.46	10.77	11.02	1.49	0.00	0.00	0.00	4.02	0.55	5.55	52.32
1940	Above Normal	5.91	9.53	6.90	8.06	8.97	10.44	0.00	0.00	0.00	1.38	3.89	4.20	59.28
1941	Wet	3.67	6.55	14.14	14.03	13.21	10.27	0.00	0.00	1.92	1.96	2.78	5.42	73.95
1942	Wet	4.04	11.00	14.04	14.81	12.38	10.23	0.00	0.00	4.39	1.60	2.50	5.29	80.28
1943	Wet	4.96	10.99	12.45	14.80	11.13	13.77	0.15	0.00	1.86	1.68	2.56	5.32	79.67
1944	Dry	4.79	10.99	13.49	10.83	9.75	4.01	0.00	0.00	0.00	3.17	0.00	2.12	59.15
1945	Below Normal	4.68	11.09	12.67	11.04	9.90	10.40	0.00	0.00	0.00	2.74	3.40	5.69	71.61
1946	Below Normal	6.50	11.03	13.52	13.58	11.33	7.14	0.00	0.00	0.00	2.77	3.42	5.69	74.98
1947	Dry	7.27	11.03	13.52	13.45	9.01	0.00	0.00	0.00	0.00	3.36	0.00	4.74	62.38
1948	Below Normal	4.91	11.05	11.11	5.93	0.24	4.32	0.00	0.00	0.00	2.10	4.70	5.90	50.26
1949	Dry	7.39	11.09	13.58	10.34	8.66	2.03	0.00	0.00	0.00	2.72	1.75	5.69	63.25
1950	Below Normal	7.25	11.03	13.52	6.65	5.90	7.55	0.00	0.00	0.00	2.98	2.02	5.82	62.72
1951	Above Normal	7.34	11.07	14.49	14.88	2.67	3.92	0.00	0.00	0.00	0.00	3.34	5.67	63.38
1952	Wet	4.10	11.03	12.48	13.90	12.64	10.17	0.00	2.23	10.23	2.63	1.98	5.06	86.45
1953	Wet	3.18	10.97	13.46	8.30	9.80	8.47	0.00	0.00	0.00	3.67	4.14	5.81	67.80
1954	Above Normal	1.15	11.07	12.98	6.08	5.84	7.53	0.00	0.00	0.00	0.00	4.12	5.80	54.57
1955	Dry	3.91	11.07	13.55	11.57	9.50	3.99	0.00	0.00	0.00	3.41	2.33	5.77	65.10
1956	Wet	3.95	10.59	13.55	13.93	13.76	6.82	0.00	0.00	2.94	1.81	2.66	5.37	75.38
1957	Above Normal	4.63	11.00	13.43	10.46	3.48	0.00	0.00	0.00	0.00	3.06	4.69	5.81	56.56
1958	Wet	7.39	11.09	11.74	7.85	11.19	10.20	1.07	0.00	8.77	1.03	2.10	5.11	77.54
1959	Below Normal	4.92	10.97	13.47	6.31	7.16	7.47	0.00	0.00	0.00	3.96	4.37	2.94	61.57
1960	Dry	5.25	8.55	11.50	10.20	5.26	3.90	0.00	0.00	0.00	2.38	0.00	5.83	52.87
1961	Dry	4.96	10.84	13.56	10.58	4.35	6.97	0.00	0.00	0.00	3.41	1.21	5.77	61.65
1962	Below Normal	4.25	10.23	8.85	12.48	7.83	8.88	0.00	0.00	0.00	3.40	3.92	5.17	65.01
1963	Wet	7.32	11.06	11.07	7.32	7.07	7.86	0.00	0.00	0.00	3.34	3.88	0.32	59.24
1964	Dry	3.88	11.05	13.54	10.94	7.19	4.56	0.00	0.00	0.00	3.41	3.93	5.77	64.27
1965	Wet	3.92	6.75	12.41	13.93	11.45	10.24	0.00	0.00	0.00	2.08	2.88	5.46	69.12
1966	Below Normal	3.31	11.01	13.50	12.69	10.38	5.84	0.00	0.00	0.00	3.33	3.87	5.68	69.61
1967	Wet	5.83	9.47	12.05	12.12	9.42	10.16	1.95	1.18	10.23	5.59	1.98	5.06	85.04
1968	Below Normal	5.84	12.74	13.46	10.72	4.80	7.84	0.00	0.00	0.00	3.89	4.31	3.19	66.79
1969	Wet	6.61	10.44	13.56	13.79	13.32	5.76	4.75	11.01	10.23	10.15	1.98	4.52	106.12
1970	Wet	5.79	0.00	13.05	14.78	9.70	3.92	0.00	0.00	0.00	1.07	3.31	4.35	55.97
1971	Wet	4.52	5.23	12.53	10.55	8.39	9.74	0.00	0.00	0.00	3.91	4.33	5.84	65.04
1972	Below Normal	4.70	5.67	13.56	10.31	3.79	3.39	0.00	0.00	0.00	3.61	4.09	4.66	53.78
1973	Above Normal	5.95	11.06	11.61	9.12	11.48	9.81	0.00	0.00	0.00	2.94	3.56	3.39	68.92
1974	Wet	5.90	11.04	13.53	13.91	10.35	10.22	0.00	0.00	1.26	1.60	2.50	5.29	75.60
1975	Wet	7.19	10.99	13.49	10.78	7.78	10.33	0.00	0.00	0.47	2.65	3.33	5.67	72.68
1976	Critical	7.26	10.18	13.52	12.08	11.81	5.86	0.00	0.00	0.00	0.00	0.00	0.00	60.71
1977	Critical	1.67	9.25	9.40	9.41	9.35	0.00	0.00	0.00	0.00	0.00	6.05	0.00	45.13
1978	Above Normal	2.59	2.83	9.23	9.40	12.51	14.34	1.90	0.00	6.37	1.46	2.39	5.24	68.26
1979	Below Normal	5.40	10.99	13.48	12.72	11.11	10.41	0.00	0.00	0.00	2.98	3.59	5.72	76.40
1980	Above Normal	7.28	7.26	13.53	14.85	13.71	5.23	0.28	0.00	3.88	2.82	2.38	2.46	73.68
1981	Dry	4.92	9.61	13.48	10.78	8.29	3.94	0.00	0.00	0.00	3.73	2.15	5.81	62.71
1982	Wet	7.34	11.07	11.54	12.60	11.50	10.12	6.60	2.68	7.00	1.98	1.98	5.06	89.47
1983	Wet	7.14	12.93	14.43	10.92	6.60	5.77	6.59	9.64	10.23	10.15	5.89	7.90	108.19
1984	Wet	3.51	3.28	4.46	6.58	6.60	3.94	0.00	0.00	0.00	2.66	3.33	5.67	40.03
1985	Dry	3.63	11.03	13.52	10.84	9.00	5.53	0.00	0.00	0.00	3.31	3.49	5.76	66.11
1986	Wet	7.31	11.05	13.54	6.33	12.08	11.47	2.85	0.63	7.32	2.43	3.11	0.00	78.12
1987	Dry	2.33	2.87	13.57	10.56	8.36	3.79	0.00	0.00	0.00	4.21	0.00	2.13	47.82
1988	Critical	7.38	9.96	10.32	7.13	0.42	0.00	0.00	0.00	0.00	0.58	4.99	0.00	40.78
1989	Dry	2.13	6.66	9.48	10.25	1.63	0.00	0.00	0.00	0.00	3.90	0.00	5.84	39.89
1990	Critical	3.53	7.98	12.46	9.82	4.79	0.00	0.00	0.00	0.00	0.42	3.80	0.00	42.80
1991	Critical	4.00	6.66	8.92	1.62	4.28	0.74	0.00	0.00	0.00	0.00	4.29	0.24	30.75
1992	Critical	0.94	8.67	5.59	5.52	3.91	4.79	0.00	0.00	0.00	6.26	6.66	0.00	42.34
1993	Above Normal	0.68	6.49	11.06	10.29	11.65	9.21	0.00	0.00	2.93	2.93	3.55	5.71	64.50
1994	Critical	5.92	11.04	13.53	10.19	8.31	4.22	0.00	0.00	0.00	5.08	5.40	5.08	68.77
1995	Wet	2.70	11.55	11.10	9.67	9.76	12.14	2.09	4.55	8.83	10.67	2.49	5.23	90.78
1996	Wet	1.29	9.70	12.14	8.68	11.59	12.72	0.00	0.00	0.00	2.22	2.99	5.51	66.84
1997	Wet	2.55	11.01	13.81	14.82	13.13	10.71	0.00	0.00	0.00	0.00	4.14	5.41	75.58
1998	Wet	3.31	4.74	13.50	9.43	11.59	14.04	2.92	1.87	10.32	10.29	2.14	5.12	89.27
1999	Wet	7.15	11.04	13.41	13.30	11.04	10.40	0.00	0.00	0.00	3.10	3.68	3.68	76.80
2000	Above Normal	1.03	11.05	12.26	6.63	11.88	10.40	0.00	0.00	0.00	0.00	3.69	5.74	62.68
2001	Dry	1.80	11.05	12.97	11.16	7.49	5.76	0.00	0.00	0.00	3.65	0.00	2.59	56.47
2002	Dry	6.69	7.51	12.46	8.23	6.07	4.43	0.00	0.00	0.00	3.84	4.27	4.36	57.86
2003	Above Normal	7.06	11.07	11.91	6.90	8.54	7.09	0.00	0.00	0.00	3.31	3.85	3.24	62.97
	Average	4.88	9.17	12.34	10.31	8.24	6.28	0.46	0.47	1.49	2.72	2.76	4.44	63.55
	Wet	5.01	9.45	12.61	11.15	10.33	9.45	1.29	1.47	4.09	3.77	3.00	4.83	76.44
	Above Normal	4.43	9.49	12.03	9.93	8.60	8.42	0.18	0.00	1.30	1.72	3.49	4.82	64.40
	Below Normal	5.50	10.41	12.93	10.36	7.11	6.28	0.12	0.01	0.00	2.75	2.77	5.27	63.50
	Dry	4.67	8.12	12.77	10.56	7.42	3.29	0.00	0.00	0.00	3.00	1.34	4.65	55.81
	Critical	4.62	8.35	10.77	8.43	5.92	1.79	0.00	0.00	0.00	1.03	3.60	1.96	46.46

Difference in Energy Use (GWh) At Pumping Plant at O'Neill: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	(0.29)	(0.15)	0.00	0.00	(1.08)	0.02	0.02	0.01	(0.12)
1923	Below Normal	0.38	0.00	0.00	(0.25)	(0.21)	0.02	0.00	0.00	0.00	0.03	(1.40)	0.00	(0.12)
1924	Critical	0.00	(0.53)	(1.83)	(0.35)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04	(0.22)
1925	Dry	(0.03)	(0.21)	0.00	0.00	(0.01)	0.03	0.00	0.00	0.00	(0.64)	0.75	(0.16)	(0.02)
1926	Dry	0.06	0.14	0.00	0.01	0.05	0.00	0.00	0.00	0.00	1.18	0.00	0.13	0.13
1927	Wet	(0.02)	0.00	(0.01)	(0.01)	(0.08)	0.01	0.00	0.00	0.00	0.04	0.37	(0.04)	0.02
1928	Above Normal	0.09	(0.04)	0.00	0.01	0.01	0.00	0.00	0.00	0.00	(0.03)	(0.01)	0.04	0.01
1929	Critical	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.13	0.00	(0.13)	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1932	Dry	(0.02)	(0.01)	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1933	Critical	(0.04)	(0.03)	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
1934	Critical	(0.02)	0.01	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1935	Below Normal	0.50	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.04
1936	Below Normal	(0.01)	(0.01)	0.00	0.00	0.18	0.00	(0.40)	0.00	0.00	0.03	0.00	0.00	(0.02)
1937	Below Normal	0.00	0.00	0.00	4.31	0.00	0.00	(0.49)	(1.34)	0.00	0.00	0.00	0.00	0.21
1938	Wet	0.00	0.00	2.47	3.06	(0.01)	2.02	(0.88)	(6.53)	0.00	(0.23)	0.00	0.00	(0.01)
1939	Dry	0.08	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.20	0.03	(0.28)	0.00
1940	Above Normal	1.36	0.03	0.02	0.03	0.04	(0.01)	0.00	0.00	0.00	(0.17)	0.59	1.50	0.28
1941	Wet	(0.01)	(0.63)	0.00	(0.01)	(0.07)	(0.23)	0.00	0.00	(0.06)	0.07	0.05	0.02	(0.07)
1942	Wet	0.07	0.00	0.00	0.00	(0.48)	0.00	0.00	0.00	(0.16)	0.01	(1.38)	0.00	(0.16)
1943	Wet	0.00	0.00	0.00	0.00	(0.90)	(0.52)	(1.26)	0.00	1.23	0.03	0.02	0.01	(0.12)
1944	Dry	0.13	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	(0.30)	0.00	(0.03)	(0.02)
1945	Below Normal	0.00	0.00	0.00	0.00	(3.07)	0.04	0.00	0.00	0.00	0.09	0.07	0.02	(0.24)
1946	Below Normal	(0.76)	0.00	0.00	(0.75)	(0.01)	0.01	0.00	0.00	0.00	0.07	0.05	0.01	(0.12)
1947	Dry	0.01	0.00	0.00	0.01	(0.08)	0.00	0.00	0.00	0.00	(0.02)	(0.15)	(0.08)	(0.03)
1948	Below Normal	0.02	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	(0.06)	(2.02)	(1.84)	(1.31)	0.00	0.00	0.00	0.00	(0.44)
1953	Wet	(0.15)	0.00	0.00	(1.64)	(0.05)	0.02	0.00	0.00	0.00	0.10	0.08	0.02	(0.14)
1954	Above Normal	0.03	0.01	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00
1955	Dry	0.03	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	0.00	0.00
1956	Wet	0.00	0.02	(0.93)	(0.93)	0.00	1.54	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	(0.91)	(1.93)	0.00	0.10	0.16	0.10	0.05	(0.20)
1959	Below Normal	0.03	0.00	0.01	0.01	0.03	0.48	0.00	0.00	0.00	0.01	0.01	(0.06)	0.04
1960	Dry	0.01	0.01	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.01	0.00
1963	Wet	0.00	0.00	0.00	0.00	(0.44)	0.00	0.00	0.00	0.00	0.02	0.02	(0.10)	(0.04)
1964	Dry	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00
1965	Wet	0.00	0.00	0.00	(0.93)	(1.60)	0.01	0.00	0.00	0.00	0.16	0.13	0.06	(0.18)
1966	Below Normal	0.03	0.01	0.00	(0.11)	(0.02)	0.00	0.00	0.00	0.00	0.04	0.04	(0.08)	(0.01)
1967	Wet	0.00	0.01	0.00	0.00	(0.44)	(0.28)	(1.97)	(1.05)	0.00	(4.56)	0.00	0.00	(0.69)
1968	Below Normal	(0.22)	6.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.56
1969	Wet	(0.01)	0.11	0.00	(1.09)	0.00	0.00	(1.77)	1.22	0.00	0.00	0.00	0.68	(0.07)
1970	Wet	(0.02)	0.00	0.00	0.00	(0.33)	0.00	0.00	0.00	0.00	0.02	0.00	(0.11)	(0.04)
1971	Wet	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.01	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.39	0.28
1974	Wet	(1.38)	0.00	0.00	(0.94)	(0.19)	2.42	0.00	0.00	0.10	0.12	0.09	0.04	0.02
1975	Wet	0.01	0.00	0.01	0.01	0.02	0.00	0.00	0.00	(0.04)	(0.02)	(0.02)	0.00	0.00
1976	Critical	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1977	Critical	(0.17)	(0.03)	(0.03)	(0.03)	(0.03)	0.00	0.00	0.00	0.00	0.00	0.06	0.00	(0.02)
1978	Above Normal	(0.02)	0.11	(0.04)	0.00	(1.00)	0.01	(1.10)	(0.68)	(0.07)	(4.40)	0.18	0.08	(0.58)
1979	Below Normal	0.03	1.09	0.01	(0.14)	(0.06)	(0.68)	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1980	Above Normal	0.00	0.55	0.00	0.00	0.10	(0.05)	0.03	0.00	(0.15)	(2.50)	0.04	2.46	0.04
1981	Dry	(1.56)	(1.37)	0.00	0.00	0.00	(1.64)	0.00	0.00	0.00	0.10	0.07	0.01	(0.37)
1982	Wet	0.01	0.01	0.00	0.01	(1.79)	1.41	0.00	(1.34)	0.00	0.00	0.00	0.00	(0.14)
1983	Wet	(3.32)	0.00	0.00	4.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	(1.18)	1.12	(0.08)	(0.69)	(0.31)	0.00	0.00	0.00	(0.09)
1987	Dry	0.01	1.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	0.00	(0.01)	0.09
1988	Critical	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.13)	0.01	0.00	(0.01)
1989	Dry	0.00	0.00	(0.01)	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1991	Critical	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
1992	Critical	0.00	0.01	0.00	(0.05)	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1993	Above Normal	0.00	(0.01)	(0.01)	0.00	(0.21)	(0.11)	0.00	0.00	0.02	0.01	0.01	0.00	(0.02)
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1995	Wet	0.01	0.00	0.00	(0.01)	(1.12)	(2.02)	(0.70)	(6.59)	0.17	0.29	0.19	0.09	(0.81)
1996	Wet	(0.23)	6.11	0.01	0.01	(0.33)	0.00	0.00	0.00	0.00	(0.03)	(0.03)	(0.01)	0.46
1997	Wet	(0.02)	(0.01)	(0.65)	0.00	(0.01)	0.73	0.00	0.00	0.00	(0.95)	0.05	0.03	(0.07)
1998	Wet	0.32	(0.54)	0.01	(0.01)	(1.50)	(0.22)	(0.49)	(0.92)	0.08	0.14	0.10	0.05	(0.25)
1999	Wet	0.01	0.01	0.00	0.01	0.02	0.00	0.00	0.00	0.00	(0.02)	(0.02)	(0.27)	(0.02)
2000	Above Normal	0.15	0.00	0.02	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
2001	Dry	(0.01)	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.01	0.03
2002	Dry	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.01)
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
	Average	(0.06)	0.16	(0.01)	0.06	(0.18)	0.01	(0.16)	(0.23)	(0.00)	(0.13)	0.00	0.09	(0.04)
	Wet	(0.18)	0.20	0.04	0.07	(0.41)	0.12	(0.42)	(0.66)	0.04	(0.18)	(0.01)	0.02	(0.12)
	Above Normal	0.13	0.05	0.00	0.00	(0.11)	(0.03)	(0.09)	(0.06)	(0.11)	(0.59)	0.07	0.62	(0.01)
	Below Normal	0.00	0.57	0.00	0.22	(0.23)	(0.01)	(0.06)	(0.10)	0.00	0.02	(0.09)	(0.01)	0.03
	Dry	(0.07)	(0.02)	0.02	0.00	0.01	(0.09)	0.00	0.00	0.00	0.03	0.04	(0.04)	(0.01)
	Critical	(0.02)	(0.04)	(0.15)	(0.04)	0.03	0.00	0.00	0.00	0.00	(0.01)	0.01	0.00	(0.02)

Percent Difference in Energy Use (GWh) At Pumping Plant at O'Neill: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	-4%	-1%	0%	0%	-31%	1%	1%	0%
1923	Below Normal	6%	0%	0%	-2%	-2%	0%	0%	0%	0%	1%	-56%	0%
1924	Critical	0%	-5%	-15%	-3%	0%	0%	0%	0%	0%	0%	0%	2%
1925	Dry	-1%	-15%	0%	0%	0%	1%	0%	0%	0%	-19%	46%	-6%
1926	Dry	1%	1%	0%	0%	1%	0%	0%	0%	0%	111%	0%	3%
1927	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	1%	12%	-1%
1928	Above Normal	4%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	1%
1929	Critical	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	43%	0%	-12%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	-1%	0%	0%	0%	10%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	13%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%
1936	Below Normal	0%	0%	0%	0%	4%	0%	-100%	0%	0%	1%	0%	0%
1937	Below Normal	0%	0%	0%	56%	0%	0%	-22%	-89%	0%	0%	0%	0%
1938	Wet	0%	0%	21%	120%	0%	35%	-16%	-60%	0%	-3%	0%	0%
1939	Dry	1%	0%	0%	0%	0%	1%	0%	0%	0%	5%	6%	-5%
1940	Above Normal	30%	0%	0%	0%	0%	0%	0%	0%	0%	-11%	18%	56%
1941	Wet	0%	-9%	0%	0%	-1%	-2%	0%	0%	-3%	4%	2%	0%
1942	Wet	2%	0%	0%	0%	-4%	0%	0%	0%	-4%	1%	-36%	0%
1943	Wet	0%	0%	0%	0%	-7%	-4%	-89%	0%	195%	2%	1%	0%
1944	Dry	3%	0%	0%	0%	0%	0%	0%	0%	0%	-9%	0%	-1%
1945	Below Normal	0%	0%	0%	0%	-24%	0%	0%	0%	0%	3%	2%	0%
1946	Below Normal	-10%	0%	0%	-5%	0%	0%	0%	0%	0%	3%	1%	0%
1947	Dry	0%	0%	0%	0%	-1%	0%	0%	0%	0%	-1%	-100%	-2%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	-17%	-100%	-37%	0%	0%	0%	0%
1953	Wet	-5%	0%	0%	-16%	-1%	0%	0%	0%	0%	3%	2%	0%
1954	Above Normal	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1956	Wet	0%	0%	-6%	-6%	0%	29%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	-8%	-64%	0%	1%	18%	5%	1%
1959	Below Normal	1%	0%	0%	0%	0%	7%	0%	0%	0%	0%	0%	-2%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	-6%	0%	0%	0%	0%	1%	1%	-24%
1964	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	-6%	-12%	0%	0%	0%	0%	8%	5%	1%
1966	Below Normal	1%	0%	0%	-1%	0%	0%	0%	0%	0%	1%	1%	-1%
1967	Wet	0%	0%	0%	0%	-4%	-3%	-50%	-47%	0%	-45%	0%	0%
1968	Below Normal	-4%	119%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	1%	0%	-7%	0%	0%	-27%	12%	0%	0%	0%	18%
1970	Wet	0%	0%	0%	0%	-3%	0%	0%	0%	0%	2%	0%	-2%
1971	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-
1974	Wet	-19%	0%	0%	-6%	-2%	31%	0%	0%	9%	8%	4%	1%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-8%	-1%	-1%	0%
1976	Critical	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	-9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1978	Above Normal	-1%	4%	0%	0%	-7%	0%	-37%	-100%	-1%	-75%	8%	2%
1979	Below Normal	1%	11%	0%	-1%	-1%	-6%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	8%	0%	0%	1%	-1%	12%	0%	-4%	-47%	2%	-
1981	Dry	-24%	-12%	0%	0%	0%	-29%	0%	0%	0%	3%	3%	0%
1982	Wet	0%	0%	0%	0%	-13%	16%	0%	-33%	0%	0%	0%	0%
1983	Wet	-32%	0%	0%	66%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-9%	11%	-3%	-52%	-4%	0%	0%	0%
1987	Dry	0%	63%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-18%	0%	0%
1989	Dry	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1992	Critical	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	-2%	-1%	0%	0%	1%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	-10%	-14%	-25%	-59%	2%	3%	8%	2%
1996	Wet	-15%	170%	0%	0%	-3%	0%	0%	0%	0%	-1%	-1%	0%
1997	Wet	-1%	0%	-4%	0%	0%	7%	0%	0%	0%	-100%	1%	1%
1998	Wet	11%	-10%	0%	0%	-11%	-2%	-14%	-33%	1%	1%	5%	1%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-7%
2000	Above Normal	17%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	-1%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
	Average	0%	4%	0%	2%	-1%	1%	-7%	-6%	2%	-1%	-1%	0%
	Wet	-2%	6%	0%	6%	-3%	3%	-15%	-12%	7%	-4%	0%	0%
	Above Normal	4%	1%	0%	0%	-1%	0%	-2%	-8%	-3%	-11%	2%	5%
	Below Normal	1%	9%	0%	3%	-2%	0%	-9%	-6%	0%	1%	-4%	0%
	Dry	-1%	2%	0%	0%	0%	-2%	0%	0%	0%	7%	-3%	-1%
	Critical	-1%	0%	-1%	0%	1%	0%	0%	0%	0%	-2%	0%	0%

Energy Use (GWh) At Pumping Plant at Red Bluff: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.04	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.18	0.23
1923	Below Normal	0.05	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.01	0.13
1924	Critical	0.10	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.10	0.23
1925	Dry	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.06
1926	Dry	0.11	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.13
1927	Wet	0.05	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.19	0.25
1928	Above Normal	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.11
1929	Critical	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
1930	Dry	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.13
1931	Critical	0.07	0.01	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.09	0.21
1932	Dry	0.06	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.06	0.14
1933	Critical	0.07	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.08	0.18
1934	Critical	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.17
1935	Below Normal	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06
1936	Below Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.08
1937	Below Normal	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.13
1938	Wet	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.18
1939	Dry	0.09	0.00	0.00	0.00	0.07	0.09	0.00	0.00	0.00	0.00	0.00	0.08	0.33
1940	Above Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.24
1941	Wet	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.26
1942	Wet	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.26
1943	Wet	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.30
1944	Dry	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.22
1945	Below Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.15
1946	Below Normal	0.04	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.27	0.33
1947	Dry	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.29
1948	Below Normal	0.04	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.16	0.22
1949	Dry	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.23
1950	Below Normal	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.15
1951	Above Normal	0.04	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.18	0.24
1952	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.23
1953	Wet	0.16	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.19	0.39
1954	Above Normal	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.33
1955	Dry	0.15	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.12	0.31
1956	Wet	0.08	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.15	0.27
1957	Above Normal	0.11	0.02	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.10	0.28
1958	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.23
1959	Below Normal	0.15	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.11	0.30
1960	Dry	0.13	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.17
1961	Dry	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.11
1962	Below Normal	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.26
1963	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.23
1964	Dry	0.07	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.12	0.23
1965	Wet	0.05	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.14	0.22
1966	Below Normal	0.15	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.13	0.30
1967	Wet	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.34
1968	Below Normal	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.27
1969	Wet	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.27
1970	Wet	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.18
1971	Wet	0.09	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.14	0.27
1972	Below Normal	0.14	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.31
1973	Above Normal	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.21
1974	Wet	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.25
1975	Wet	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.27
1976	Critical	0.05	0.00	0.00	0.00	0.07	0.05	0.00	0.00	0.00	0.00	0.00	0.03	0.20
1977	Critical	0.05	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.07	0.16
1978	Above Normal	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.18
1979	Below Normal	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.22
1980	Above Normal	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.21
1981	Dry	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.26
1982	Wet	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.10
1983	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.18
1984	Wet	0.13	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.15	0.31
1985	Dry	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.25
1986	Wet	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.15
1987	Dry	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.22
1988	Critical	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1989	Dry	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.12
1990	Critical	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1991	Critical	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.12
1992	Critical	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.12
1993	Above Normal	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.21
1994	Critical	0.11	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.26	0.40
1995	Wet	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.30
1996	Wet	0.17	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.38
1997	Wet	0.07	0.01	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.10	0.22
1998	Wet	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.28
1999	Wet	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.30
2000	Above Normal	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.33
2001	Dry	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.07
2002	Dry	0.07	0.01	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.25	0.36
2003	Above Normal	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.35
	Average	0.09	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.12	0.22
	Wet	0.09	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.16	0.25
	Above Normal	0.08	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.16	0.24
	Below Normal	0.10	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.08	0.21
	Dry	0.09	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.09	0.20
	Critical	0.07	0.01	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.07	0.17

Energy Use (GWh) At Pumping Plant at Red Bluff: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.04	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.18	0.23
1923	Below Normal	0.05	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.01	0.13
1924	Critical	0.10	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.10	0.24
1925	Dry	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.06
1926	Dry	0.11	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.13
1927	Wet	0.05	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.19	0.25
1928	Above Normal	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.12
1929	Critical	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
1930	Dry	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06
1931	Critical	0.07	0.01	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.09	0.21
1932	Dry	0.06	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.06	0.14
1933	Critical	0.07	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.08	0.18
1934	Critical	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.17
1935	Below Normal	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06
1936	Below Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.08
1937	Below Normal	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.13
1938	Wet	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.18
1939	Dry	0.09	0.00	0.00	0.00	0.07	0.09	0.00	0.00	0.00	0.00	0.00	0.07	0.32
1940	Above Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.24
1941	Wet	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.26
1942	Wet	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.26
1943	Wet	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.30
1944	Dry	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.22
1945	Below Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.15
1946	Below Normal	0.04	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.27	0.33
1947	Dry	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.28
1948	Below Normal	0.04	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.16	0.22
1949	Dry	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.23
1950	Below Normal	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.15
1951	Above Normal	0.04	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.18	0.24
1952	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.23
1953	Wet	0.16	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.19	0.39
1954	Above Normal	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.33
1955	Dry	0.15	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.12	0.31
1956	Wet	0.08	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.15	0.27
1957	Above Normal	0.11	0.02	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.10	0.28
1958	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.23
1959	Below Normal	0.15	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.11	0.30
1960	Dry	0.13	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.17
1961	Dry	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.11
1962	Below Normal	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.26
1963	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.23
1964	Dry	0.07	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.12	0.23
1965	Wet	0.05	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.13	0.21
1966	Below Normal	0.15	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.13	0.30
1967	Wet	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.34
1968	Below Normal	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.27
1969	Wet	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.27
1970	Wet	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.18
1971	Wet	0.09	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.14	0.27
1972	Below Normal	0.14	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.01	0.31
1973	Above Normal	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.21
1974	Wet	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.25
1975	Wet	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.27
1976	Critical	0.05	0.00	0.00	0.00	0.07	0.05	0.00	0.00	0.00	0.00	0.00	0.03	0.20
1977	Critical	0.05	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.07	0.16
1978	Above Normal	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.18
1979	Below Normal	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.21
1980	Above Normal	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.21
1981	Dry	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.26
1982	Wet	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.10
1983	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.18
1984	Wet	0.13	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.15	0.31
1985	Dry	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.25
1986	Wet	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.15
1987	Dry	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.22
1988	Critical	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1989	Dry	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.12
1990	Critical	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1991	Critical	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.12
1992	Critical	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.12
1993	Above Normal	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.21
1994	Critical	0.10	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.26	0.39
1995	Wet	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.30
1996	Wet	0.17	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.38
1997	Wet	0.07	0.01	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.10	0.22
1998	Wet	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.28
1999	Wet	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.30
2000	Above Normal	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.33
2001	Dry	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.07
2002	Dry	0.07	0.01	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.25	0.36
2003	Above Normal	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.35
	Average	0.09	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.12	0.22
	Wet	0.09	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.16	0.25
	Above Normal	0.08	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.16	0.24
	Below Normal	0.10	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.08	0.21
	Dry	0.09	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.08	0.20
	Critical	0.07	0.01	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.07	0.17

Difference in Energy Use (GWh) At Pumping Plant at Red Bluff: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.01)
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)
	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00
	Dry	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)
	Critical	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at Red Bluff: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	17%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-88%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-13%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	-7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-7%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-20%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	-9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-6%
	Critical	-1%	0%	0%	0%	0%	3%	0%	0%	0%	0%	0%	0%

Energy Use (GWh) At Pumping Plant at San Felipe: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	4.66	5.47	4.31	3.55	1.86	2.46	2.55	3.07	4.09	5.10	6.14	6.00	49.26
1923	Below Normal	3.60	4.20	3.48	3.04	1.67	2.02	2.09	2.49	3.43	4.32	4.88	4.67	39.89
1924	Critical	2.70	3.06	2.52	1.97	0.98	1.70	1.57	1.62	2.01	2.55	3.14	3.72	27.54
1925	Dry	2.37	3.01	2.48	1.50	0.61	1.75	1.64	1.89	2.59	3.31	4.00	4.19	29.34
1926	Dry	2.54	3.07	2.61	1.94	0.93	1.94	1.84	1.97	2.49	3.08	3.63	3.98	30.02
1927	Wet	2.55	2.99	2.28	1.53	0.64	1.56	1.67	2.07	2.98	3.85	4.39	4.32	30.83
1928	Above Normal	2.70	3.35	2.65	2.01	1.10	1.87	1.82	2.24	3.20	4.19	4.83	4.68	34.64
1929	Critical	2.86	3.65	3.15	2.47	1.27	1.50	1.14	1.08	1.23	1.66	2.07	2.36	24.44
1930	Dry	1.53	2.12	1.85	1.02	0.36	1.85	1.73	1.83	2.36	2.96	3.51	3.68	24.80
1931	Critical	2.22	2.83	2.51	1.76	0.75	1.51	1.36	1.43	1.80	2.44	3.20	3.83	25.64
1932	Dry	2.51	3.31	2.60	1.43	0.54	1.49	1.33	1.44	1.93	2.60	3.03	3.15	25.36
1933	Critical	1.96	2.49	2.14	1.41	0.58	1.10	0.96	0.98	1.23	1.78	2.33	2.60	19.56
1934	Critical	1.67	2.25	1.95	1.15	0.45	1.47	1.34	1.41	1.81	2.68	3.68	4.18	24.04
1935	Below Normal	2.70	3.48	2.93	1.84	0.74	1.31	1.22	2.06	2.67	3.34	3.99	4.04	30.32
1936	Below Normal	2.38	2.91	2.46	1.76	0.73	1.44	1.38	1.59	2.22	2.89	3.39	3.44	26.59
1937	Below Normal	2.06	2.42	1.94	1.44	0.71	1.07	1.30	1.41	1.77	2.23	2.80	3.16	22.31
1938	Wet	1.99	2.21	1.65	1.20	0.61	1.86	2.00	1.99	2.29	2.85	3.65	3.90	26.20
1939	Dry	2.53	3.32	2.96	2.65	1.58	1.87	2.04	2.42	3.43	4.55	5.34	5.42	38.11
1940	Above Normal	3.38	4.39	4.02	3.14	1.44	2.55	2.26	2.63	3.56	4.60	5.37	5.32	42.66
1941	Wet	3.26	4.11	3.51	2.52	1.02	1.98	2.04	2.41	3.33	4.33	5.19	5.12	38.82
1942	Wet	3.21	3.98	3.35	2.73	1.37	2.14	2.38	3.01	4.28	5.58	3.90	6.59	42.52
1943	Wet	4.14	5.04	4.32	3.56	1.74	2.34	2.29	2.82	4.15	5.74	7.13	7.20	50.47
1944	Dry	4.57	5.78	4.82	4.00	2.16	2.50	2.28	2.49	3.19	3.89	4.37	4.73	44.78
1945	Below Normal	3.05	3.49	2.60	1.70	0.69	1.44	1.72	2.16	3.31	4.54	5.27	5.22	35.19
1946	Below Normal	3.07	3.21	2.41	1.92	0.97	1.58	1.77	2.20	3.34	4.52	5.23	5.14	35.36
1947	Dry	3.02	3.28	2.56	2.09	1.11	1.77	1.92	2.33	3.42	4.55	5.46	5.62	37.13
1948	Below Normal	3.35	3.90	3.32	2.84	1.61	2.82	2.74	2.90	3.42	4.01	4.42	4.24	39.57
1949	Dry	2.47	3.03	2.48	1.60	0.67	1.64	2.02	2.54	3.87	5.29	6.48	6.62	38.71
1950	Below Normal	4.08	4.99	4.31	3.65	1.90	2.69	2.49	2.84	3.56	4.24	4.82	4.67	44.24
1951	Above Normal	2.64	2.79	1.92	1.28	0.63	1.60	1.72	2.13	3.18	4.40	5.34	5.29	32.92
1952	Wet	3.29	3.88	3.17	2.56	1.30	2.32	2.29	2.57	3.21	3.96	4.93	4.93	38.41
1953	Wet	3.11	3.80	3.16	2.90	1.73	1.89	1.95	2.35	3.30	4.22	4.65	4.39	37.45
1954	Above Normal	2.72	3.55	2.89	2.18	1.17	2.28	2.23	2.62	3.57	4.70	5.48	5.25	38.64
1955	Dry	3.15	3.77	2.85	1.89	0.85	1.64	1.64	1.92	2.87	3.89	4.67	4.85	33.99
1956	Wet	2.98	3.51	2.61	1.71	0.75	1.85	2.08	2.62	3.84	5.10	6.28	6.41	39.74
1957	Above Normal	4.09	5.08	4.17	3.49	2.09	2.89	2.75	2.94	3.52	4.21	4.66	4.50	44.39
1958	Wet	2.46	2.77	2.27	1.54	0.66	1.99	2.03	2.46	3.40	4.53	5.93	6.09	36.13
1959	Below Normal	3.81	4.66	3.84	3.59	2.27	2.52	2.36	2.68	3.57	4.49	5.02	4.90	43.71
1960	Dry	2.96	3.66	3.20	2.33	1.07	2.23	2.21	2.56	3.49	4.58	5.36	5.37	39.02
1961	Dry	3.36	4.21	3.24	2.16	1.01	2.06	2.02	2.38	3.54	4.80	1.54	5.92	36.24
1962	Below Normal	3.74	4.58	4.06	3.25	1.52	2.58	2.44	2.86	3.84	4.79	5.41	5.22	44.29
1963	Wet	2.90	2.92	2.22	1.78	0.91	1.66	1.69	2.06	2.92	3.70	4.13	4.05	30.94
1964	Dry	2.49	2.73	2.08	1.65	0.85	1.58	1.66	2.04	3.13	4.29	5.12	5.23	32.85
1965	Wet	3.20	4.01	3.47	2.60	1.20	2.10	2.04	3.56	5.25	6.95	4.83	7.37	46.58
1966	Below Normal	4.63	5.40	3.96	3.08	1.65	2.06	2.11	2.54	3.69	4.88	5.55	5.29	44.84
1967	Wet	3.16	3.72	2.99	2.22	1.03	2.31	2.41	2.79	3.55	4.21	5.12	5.15	38.66
1968	Below Normal	3.13	3.86	3.25	2.87	1.79	2.07	2.05	2.38	3.28	4.20	4.63	4.47	37.98
1969	Wet	2.62	3.05	2.28	1.47	0.65	1.86	1.97	1.96	2.24	2.66	3.34	3.60	27.70
1970	Wet	2.32	3.01	2.78	2.39	1.26	1.60	1.72	2.17	3.34	4.61	5.38	5.57	36.15
1971	Wet	3.64	4.34	3.60	3.08	1.71	2.48	2.31	2.64	3.50	4.35	4.79	4.57	41.01
1972	Below Normal	2.72	3.56	2.94	1.91	0.91	2.06	2.08	2.44	3.47	4.55	5.08	4.85	36.57
1973	Above Normal	2.83	3.06	2.33	1.75	0.82	1.51	1.67	2.03	2.91	3.83	4.44	4.60	31.78
1974	Wet	2.82	2.94	2.22	1.75	0.89	1.92	2.11	2.72	4.14	5.65	6.79	6.66	40.61
1975	Wet	4.04	4.78	3.86	3.25	1.89	2.34	2.68	3.17	4.44	5.59	6.33	6.04	48.41
1976	Critical	3.44	4.05	3.33	2.60	1.39	1.74	1.49	1.60	2.08	2.76	3.40	3.79	31.67
1977	Critical	2.40	3.23	3.02	2.10	0.91	2.52	2.22	2.14	2.39	3.01	3.55	3.83	31.32
1978	Above Normal	2.52	3.47	3.26	2.15	0.81	2.80	3.03	3.35	4.24	5.14	6.10	5.94	42.81
1979	Below Normal	3.61	4.31	3.42	2.82	1.49	1.54	1.66	1.99	2.91	3.92	4.47	4.52	36.66
1980	Above Normal	2.76	3.22	2.54	1.79	0.84	1.85	2.03	2.45	3.43	4.38	5.43	6.47	37.19
1981	Dry	4.55	5.36	4.27	3.63	2.11	2.48	2.42	2.78	3.72	4.68	5.50	5.50	47.00
1982	Wet	3.24	3.56	2.75	2.01	0.82	1.91	1.95	2.11	2.85	3.83	4.98	5.10	35.11
1983	Wet	2.93	2.99	2.29	2.11	1.24	1.86	1.95	1.94	2.22	2.55	2.95	2.90	27.93
1984	Wet	1.83	2.23	2.07	2.11	1.24	1.60	1.71	2.14	3.27	4.49	5.26	5.20	33.15
1985	Dry	3.20	3.52	2.58	2.06	1.11	1.71	1.78	2.15	3.15	4.15	4.95	5.02	35.38
1986	Wet	2.90	3.14	2.41	2.01	0.96	1.63	1.78	2.03	2.66	3.33	4.23	4.77	31.85
1987	Dry	3.18	4.27	3.73	3.00	1.66	1.61	2.14	2.30	2.89	3.63	4.43	5.02	37.86
1988	Critical	3.21	4.08	3.47	2.41	1.16	1.94	1.56	1.48	1.68	2.02	2.27	2.62	27.90
1989	Dry	1.76	2.40	2.04	1.12	0.41	1.54	2.28	2.62	3.50	4.43	5.23	5.30	32.63
1990	Critical	3.19	4.04	3.51	2.55	1.19	1.72	1.42	1.40	1.61	1.94	2.17	2.55	27.29
1991	Critical	1.70	2.43	2.25	1.41	0.56	3.03	2.73	2.73	3.14	3.62	4.14	4.70	32.44
1992	Critical	3.17	4.20	3.83	2.80	1.29	3.20	2.98	3.09	3.71	4.47	5.01	5.34	43.09
1993	Above Normal	0.00	4.67	4.13	2.91	1.24	2.56	3.02	3.42	4.47	5.40	6.16	5.91	43.89
1994	Critical	3.53	4.34	3.51	2.66	1.37	2.43	2.50	2.88	4.19	5.58	0.00	6.68	39.67
1995	Wet	4.31	5.22	4.54	3.74	1.80	3.27	3.14	3.23	3.67	4.47	5.46	5.53	48.38
1996	Wet	3.60	4.76	4.35	4.19	2.25	2.39	2.67	3.15	4.43	5.81	6.78	6.57	50.95
1997	Wet	4.21	5.35	4.20	2.91	1.25	1.94	2.07	2.63	3.99	5.57	0.00	6.53	40.65
1998	Wet	4.09	5.31	4.47	3.72	1.89	2.55	2.55	2.99	3.88	4.70	5.78	5.84	47.77
1999	Wet	3.36	3.58	3.00	2.82	1.55	1.56	1.63	2.02	2.91	3.75	4.25	4.40	34.83
2000	Above Normal	3.00	3.90	3.22	2.63	1.38	2.10	2.09	2.55	3.63	4.84	5.74	5.52	40.60
2001	Dry	3.42	4.31	3.47	2.53	1.23	2.01	1.87	2.09	2.83	3.57	4.35	4.82	36.50
2002	Dry	3.07	3.70	2.94	2.11	0.98	1.85	1.82	2.17	3.07	3.96	4.78	5.08	35.53
2003	Above Normal	3.24	4.22	3.69	2.84	1.32	2.57	2.52	2.95	3.87	4.70	5.26	5.05	42.23
	Average	3.02	3.72	3.07	2.36	1.18	2.01	2.03	2.35	3.18	4.09	4.55	4.91	36.46
	Wet	3.16	3.74	3.07	2.48	1.24	2.04	2.12	2.52	3.46	4.48	4.86	5.34	38.51
	Above Normal	2.88	3.93	3.26	2.48	1.23	2.25	2.31	2.70	3.64	4.62	5.41	5.38	40.08
	Below Normal	3.28	3.93	3.21	2.55	1.33	1.94	1.96	2.32	3.18	4.07	4.64	4.56	36.97
	Dry	2.93	3.60	2.93	2.15	1.07	1.86	1.92	2.22	3.08	4.01	4.54	4.97	35.29
	Critical	2.67	3.39	2.93	2.11	0.99	1.99	1.77	1.82	2.24	2.88	2.91	3.85	29.55

Energy Use (GWh) At Pumping Plant at San Felipe: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	4.66	5.47	4.31	3.55	1.86	2.46	2.56	3.14	4.29	5.36	6.41	6.23	50.30
1923	Below Normal	3.74	4.27	3.47	3.04	1.68	2.03	2.10	2.50	3.44	4.33	4.93	4.75	40.28
1924	Critical	2.74	3.15	2.65	2.08	1.03	1.84	1.70	1.75	2.18	2.78	3.40	3.96	29.26
1925	Dry	2.52	3.20	2.65	1.62	0.66	1.82	1.66	1.90	2.55	3.23	3.89	4.09	29.79
1926	Dry	2.47	3.02	2.58	1.86	0.87	2.02	1.94	2.09	2.67	3.29	3.87	4.23	30.91
1927	Wet	2.70	3.16	2.40	1.64	0.70	1.58	1.66	2.05	2.96	3.81	4.34	4.26	31.26
1928	Above Normal	2.66	3.30	2.61	1.98	1.08	1.87	1.82	2.24	3.21	4.20	4.84	4.69	34.50
1929	Critical	2.86	3.65	3.15	2.48	1.27	1.50	1.14	1.08	1.23	1.66	2.07	2.36	24.45
1930	Dry	1.53	2.12	1.85	1.02	0.36	1.86	1.74	1.84	2.37	2.97	3.53	3.70	24.89
1931	Critical	2.23	2.84	2.52	1.77	0.76	1.52	1.37	1.44	1.82	2.46	3.22	3.85	25.80
1932	Dry	2.53	3.33	2.61	1.44	0.54	1.49	1.33	1.45	1.93	2.61	3.05	3.17	25.48
1933	Critical	1.97	2.50	2.15	1.42	0.59	1.11	0.97	0.99	1.24	1.79	2.33	2.61	19.67
1934	Critical	1.67	2.24	1.94	1.15	0.45	1.47	1.33	1.41	1.81	2.68	3.69	4.19	24.03
1935	Below Normal	2.69	3.48	2.94	1.84	0.74	1.31	1.22	2.06	2.67	3.35	3.99	4.05	30.34
1936	Below Normal	2.38	2.91	2.46	1.76	0.73	1.44	1.39	1.64	2.33	3.03	3.55	3.61	27.23
1937	Below Normal	2.16	2.54	2.03	1.51	0.73	1.07	1.30	1.44	1.87	2.41	3.02	3.41	23.49
1938	Wet	2.14	2.39	1.78	1.25	0.61	6.16	2.02	2.22	2.78	3.40	4.24	4.36	33.35
1939	Dry	2.74	3.57	3.18	2.87	1.70	2.01	2.12	2.47	3.46	4.57	1.36	5.27	35.32
1940	Above Normal	3.29	4.29	3.93	2.99	1.33	2.49	2.24	2.66	3.68	4.76	5.56	5.43	42.65
1941	Wet	3.31	4.16	3.56	2.60	1.07	1.98	2.05	2.43	3.36	4.35	5.21	5.13	39.21
1942	Wet	3.21	3.99	3.35	2.73	1.38	2.19	2.44	3.07	4.35	5.66	6.74	6.59	45.70
1943	Wet	4.10	4.99	4.27	3.60	1.80	2.46	2.43	3.04	4.48	6.15	7.60	7.66	52.58
1944	Dry	4.85	6.07	5.02	4.13	2.19	2.51	2.28	2.48	3.17	3.86	4.34	4.69	45.59
1945	Below Normal	3.02	3.46	2.58	1.67	0.69	1.48	1.70	2.13	3.26	4.44	5.14	5.07	34.64
1946	Below Normal	3.00	3.16	2.37	1.89	0.96	1.56	1.74	2.17	3.28	4.43	5.12	5.03	34.71
1947	Dry	2.96	3.21	2.51	2.05	1.08	1.77	1.92	2.33	3.43	4.56	5.49	5.65	36.96
1948	Below Normal	3.38	3.92	3.34	2.85	1.62	2.82	2.73	2.89	3.41	4.00	4.40	4.23	39.59
1949	Dry	2.46	3.02	2.47	1.59	0.66	1.64	2.03	2.55	3.88	5.31	6.50	6.64	38.75
1950	Below Normal	4.10	5.02	4.33	3.67	1.90	2.69	2.49	2.84	3.56	4.24	4.82	4.67	44.33
1951	Above Normal	2.64	2.79	1.92	1.27	0.63	1.60	1.72	2.13	3.18	4.40	5.34	5.29	32.91
1952	Wet	3.29	3.88	3.17	2.57	1.30	2.36	2.38	2.75	3.51	4.37	5.39	5.29	40.26
1953	Wet	3.29	3.89	3.14	2.95	1.79	1.94	1.94	2.30	3.21	4.08	4.47	4.22	37.22
1954	Above Normal	2.60	3.42	2.79	2.08	1.11	2.25	2.20	2.60	3.56	4.71	5.50	5.28	38.10
1955	Dry	3.17	3.78	2.86	1.90	0.86	1.65	1.64	1.92	2.87	3.88	4.65	4.85	34.03
1956	Wet	2.98	3.51	2.67	1.77	0.76	1.86	2.08	2.63	3.84	5.10	6.28	6.41	39.89
1957	Above Normal	4.09	5.08	4.17	3.49	2.09	2.89	2.74	2.94	3.52	4.21	4.66	4.50	44.38
1958	Wet	2.46	2.77	2.27	1.54	0.66	1.99	2.06	2.53	3.52	4.67	6.07	6.22	36.76
1959	Below Normal	3.89	4.76	3.92	3.62	2.27	2.57	2.43	2.74	3.59	4.48	4.99	4.87	44.13
1960	Dry	2.94	3.64	3.18	2.32	1.06	2.22	2.20	2.55	3.48	4.57	1.50	5.36	35.02
1961	Dry	3.35	4.18	3.22	2.15	1.01	2.06	2.01	2.37	3.54	4.80	1.51	5.92	36.12
1962	Below Normal	3.74	4.58	4.06	3.25	1.52	2.58	2.44	2.86	3.84	4.79	5.41	5.22	44.29
1963	Wet	2.90	2.92	2.22	1.78	0.91	1.67	1.69	2.06	2.91	3.69	4.11	4.03	30.89
1964	Dry	2.48	2.73	2.07	1.64	0.84	1.58	1.66	2.04	3.13	4.30	5.12	5.23	32.82
1965	Wet	3.20	4.01	3.46	2.61	1.22	2.16	2.09	3.59	5.24	6.87	1.82	7.25	43.52
1966	Below Normal	4.55	5.33	3.92	3.02	1.60	2.05	2.12	2.54	3.68	4.85	5.51	5.26	44.43
1967	Wet	3.15	3.71	2.98	2.20	1.02	2.32	2.46	2.92	3.79	4.64	5.76	5.79	40.74
1968	Below Normal	3.52	4.17	3.35	2.95	1.84	2.13	2.10	2.43	3.35	4.30	4.75	4.59	39.48
1969	Wet	2.71	3.16	2.36	1.53	0.67	1.86	2.01	2.00	2.25	2.67	3.36	3.60	28.18
1970	Wet	2.32	3.00	2.77	2.38	1.26	1.60	1.72	2.17	3.34	4.60	5.38	5.57	36.11
1971	Wet	3.65	4.36	3.61	3.09	1.71	2.49	2.31	2.65	3.50	4.35	4.79	4.57	41.08
1972	Below Normal	2.72	3.56	2.93	1.91	0.91	2.05	2.08	2.44	3.47	4.54	5.08	4.85	36.54
1973	Above Normal	2.82	3.06	2.33	1.75	0.82	1.51	1.67	2.08	3.04	3.99	4.63	4.70	32.40
1974	Wet	2.86	3.03	2.29	1.82	0.94	2.02	2.23	2.87	4.32	5.82	6.91	6.67	41.78
1975	Wet	3.99	4.73	3.82	3.18	1.83	2.31	2.65	3.14	4.42	5.59	6.35	6.06	48.07
1976	Critical	3.46	4.07	3.35	2.62	1.40	1.74	1.49	1.60	2.08	2.75	3.39	3.78	31.73
1977	Critical	2.39	3.22	3.01	2.09	0.90	2.51	2.22	2.15	2.39	3.01	3.55	3.83	31.27
1978	Above Normal	2.52	3.47	3.26	2.15	0.82	2.88	3.21	3.59	4.65	5.87	7.07	6.89	46.38
1979	Below Normal	4.18	4.86	3.74	3.00	1.52	1.57	1.68	2.07	3.06	4.10	4.68	4.66	39.12
1980	Above Normal	2.76	3.17	2.49	1.82	0.86	1.85	2.02	2.41	3.35	4.43	5.60	6.11	36.87
1981	Dry	4.03	4.93	4.03	3.40	1.97	2.39	2.37	2.72	3.66	4.63	5.42	5.44	44.99
1982	Wet	3.20	3.54	2.74	1.98	0.81	1.93	1.95	2.14	2.96	4.03	5.24	5.35	35.87
1983	Wet	3.09	3.21	2.44	2.16	1.24	1.86	1.95	1.94	2.22	2.55	2.95	2.90	28.51
1984	Wet	1.83	2.23	2.07	2.11	1.24	1.60	1.71	2.14	3.27	4.49	5.26	5.20	33.15
1985	Dry	3.20	3.52	2.58	2.06	1.11	1.71	1.78	2.15	3.15	4.15	4.95	5.02	35.38
1986	Wet	2.90	3.14	2.41	2.01	1.00	1.68	1.79	2.08	2.75	3.45	4.28	4.81	32.30
1987	Dry	3.28	4.39	3.82	3.08	1.70	1.64	2.19	2.34	2.92	3.66	4.47	5.05	38.54
1988	Critical	3.22	4.09	3.47	2.41	1.16	1.93	1.55	1.47	1.66	2.00	2.25	2.59	27.80
1989	Dry	1.74	2.38	2.02	1.10	0.40	1.54	2.28	2.61	3.49	4.41	5.22	5.30	32.49
1990	Critical	3.19	4.04	3.52	2.56	1.19	1.72	1.42	1.40	1.61	1.94	2.17	2.55	27.31
1991	Critical	1.70	2.43	2.25	1.41	0.56	3.03	2.73	2.72	3.13	3.62	4.14	4.70	32.42
1992	Critical	3.16	4.20	3.82	2.80	1.29	3.20	2.98	3.09	3.71	4.47	5.01	5.34	43.07
1993	Above Normal	0.00	4.67	4.13	2.91	1.24	2.57	3.02	3.41	4.46	5.38	6.13	5.89	43.81
1994	Critical	3.52	4.32	3.50	2.65	1.36	2.43	2.50	2.88	4.20	5.58	0.00	6.69	39.63
1995	Wet	4.31	5.23	4.54	3.75	1.81	3.35	3.23	3.69	4.69	5.71	6.86	6.92	54.09
1996	Wet	4.51	5.83	5.20	4.75	2.36	2.52	2.77	3.27	4.61	6.02	6.93	6.63	55.40
1997	Wet	4.23	5.36	4.22	2.92	1.25	1.94	2.07	2.65	4.00	5.58	4.05	6.38	44.65
1998	Wet	4.02	5.28	4.46	3.69	1.88	2.59	2.60	3.05	3.91	4.64	5.57	5.55	47.24
1999	Wet	3.26	3.58	3.00	2.79	1.52	1.56	1.63	2.02	2.92	3.76	4.27	4.44	34.75
2000	Above Normal	3.04	3.94	3.26	2.67	1.40	2.11	2.11	2.57	3.65	4.87	5.78	5.56	40.96
2001	Dry	3.44	4.33	3.49	2.55	1.23	2.01	1.87	2.09	2.84	3.57	4.35	4.83	36.60
2002	Dry	3.08	3.71	2.95	2.12	0.98	1.86	1.83	2.18	3.07	3.97	4.79	5.08	35.62
2003	Above Normal	3.23	4.22	3.69	2.83	1.32	2.57	2.53	2.95	3.87	4.70	5.25	5.04	42.20
	Average	3.05	3.75	3.10	2.38	1.19	2.08	2.04	2.38	3.23	4.16	4.58	4.97	36.91
	Wet	3.22	3.81	3.12	2.52	1.26	2.23	2.15	2.59	3.58	4.62	5.16	5.46	39.71
	Above Normal	2.86	3.91	3.24	2.46	1.21	2.25	2.32	2.73	3.71	4.74	5.56	5.47	40.46
	Below Normal	3.36	4.00	3.25	2.57	1.34	1.95	1.97	2.34	3.20	4.09	4.67	4.59	37.33
	Dry	2.93	3.62	2.95	2.16	1.07	1.88	1.94	2.23	3.09	4.02	4.11	4.97	34.96
	Critical	2.68	3.40	2.94	2.12	1.00	2.00	1.78	1.83	2.26	2.90	2.94	3.87	29.70

Difference in Energy Use (GWh) At Pumping Plant at San Felipe: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07	0.20	0.26	0.27	0.23	0.09
1923	Below Normal	0.14	0.07	(0.01)	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.05	0.08	0.03
1924	Critical	0.04	0.09	0.13	0.11	0.05	0.14	0.13	0.13	0.17	0.23	0.26	0.24	0.14
1925	Dry	0.15	0.19	0.17	0.12	0.05	0.07	0.02	0.01	(0.04)	(0.08)	(0.11)	(0.10)	0.04
1926	Dry	(0.07)	(0.05)	(0.03)	(0.08)	(0.06)	0.08	0.10	0.12	0.18	0.21	0.24	0.25	0.07
1927	Wet	0.15	0.17	0.12	0.11	0.06	0.02	(0.01)	(0.02)	(0.02)	(0.04)	(0.05)	(0.06)	0.04
1928	Above Normal	(0.04)	(0.05)	(0.04)	(0.03)	(0.02)	0.00	0.00	0.00	0.01	0.01	0.01	0.01	(0.01)
1929	Critical	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.01
1931	Critical	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.01
1932	Dry	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.01	0.02	0.02	0.01
1933	Critical	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01
1934	Critical	0.00	(0.01)	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.01	0.01	0.00
1935	Below Normal	(0.01)	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.05	0.11	0.14	0.16	0.17	0.05
1937	Below Normal	0.10	0.12	0.09	0.07	0.02	0.00	0.00	0.03	0.10	0.18	0.22	0.25	0.10
1938	Wet	0.15	0.18	0.13	0.05	0.00	4.30	0.02	0.23	0.49	0.55	0.59	0.46	0.60
1939	Dry	0.21	0.25	0.22	0.22	0.12	0.14	0.08	0.05	0.03	0.02	(3.98)	(0.15)	(0.23)
1940	Above Normal	(0.09)	(0.10)	(0.09)	(0.15)	(0.11)	(0.06)	(0.02)	0.03	0.12	0.16	0.19	0.11	0.00
1941	Wet	0.05	0.05	0.05	0.08	0.05	0.00	0.01	0.02	0.03	0.02	0.02	0.01	0.03
1942	Wet	0.00	0.01	0.00	0.00	0.01	0.05	0.06	0.06	0.07	0.08	2.84	0.00	0.27
1943	Wet	(0.04)	(0.05)	(0.05)	0.04	0.06	0.12	0.14	0.22	0.33	0.41	0.47	0.46	0.18
1944	Dry	0.28	0.29	0.20	0.13	0.03	0.01	0.00	(0.01)	(0.02)	(0.03)	(0.03)	(0.04)	0.07
1945	Below Normal	(0.03)	(0.03)	(0.02)	(0.03)	0.00	0.04	(0.02)	(0.03)	(0.05)	(0.10)	(0.13)	(0.15)	(0.05)
1946	Below Normal	(0.07)	(0.05)	(0.04)	(0.03)	(0.01)	(0.02)	(0.03)	(0.03)	(0.06)	(0.09)	(0.11)	(0.11)	(0.05)
1947	Dry	(0.06)	(0.07)	(0.05)	(0.04)	(0.03)	0.00	0.00	0.00	0.01	0.01	0.03	0.03	(0.01)
1948	Below Normal	0.03	0.02	0.02	0.01	0.01	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.01)	0.00
1949	Dry	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.00
1950	Below Normal	0.02	0.03	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1951	Above Normal	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.01	0.00	0.04	0.09	0.18	0.30	0.41	0.46	0.36	0.15
1953	Wet	0.18	0.09	(0.02)	0.05	0.06	0.05	(0.01)	(0.05)	(0.09)	(0.14)	(0.18)	(0.17)	(0.02)
1954	Above Normal	(0.12)	(0.13)	(0.10)	(0.10)	(0.06)	(0.03)	(0.03)	(0.02)	(0.01)	0.01	0.02	0.03	(0.05)
1955	Dry	0.02	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	(0.01)	(0.02)	0.00	0.00
1956	Wet	0.00	0.00	0.06	0.06	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.01
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.07	0.12	0.14	0.14	0.13	0.05
1959	Below Normal	0.08	0.10	0.08	0.03	0.00	0.05	0.07	0.06	0.02	(0.01)	(0.03)	(0.03)	0.04
1960	Dry	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(3.86)	(0.01)	(0.33)
1961	Dry	(0.01)	(0.03)	(0.02)	(0.01)	0.00	0.00	(0.01)	(0.01)	0.00	0.00	(0.03)	0.00	(0.01)
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.02)	0.00
1964	Dry	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1965	Wet	0.00	0.00	(0.01)	0.01	0.02	0.06	0.05	0.03	(0.01)	(0.08)	(3.01)	(0.12)	(0.26)
1966	Below Normal	(0.08)	(0.07)	(0.04)	(0.06)	(0.05)	(0.01)	0.01	0.00	(0.01)	(0.03)	(0.04)	(0.03)	(0.03)
1967	Wet	(0.01)	(0.01)	(0.01)	(0.02)	(0.01)	0.01	0.05	0.13	0.24	0.43	0.64	0.64	0.17
1968	Below Normal	0.39	0.31	0.10	0.08	0.05	0.06	0.05	0.05	0.07	0.10	0.12	0.12	0.13
1969	Wet	0.09	0.11	0.08	0.06	0.02	0.00	0.04	0.04	0.01	0.01	0.02	0.00	0.04
1970	Wet	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1971	Wet	0.01	0.02	0.01	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.01
1972	Below Normal	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1973	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.13	0.16	0.19	0.10	0.05
1974	Wet	0.04	0.09	0.07	0.07	0.05	0.10	0.12	0.15	0.18	0.17	0.12	0.01	0.10
1975	Wet	(0.05)	(0.05)	(0.04)	(0.07)	(0.06)	(0.03)	(0.03)	(0.03)	(0.02)	0.00	0.02	0.02	(0.03)
1976	Critical	0.02	0.02	0.02	0.02	0.01	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.01
1977	Critical	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.01	0.08	0.18	0.24	0.41	0.73	0.97	0.95	0.30
1979	Below Normal	0.57	0.55	0.32	0.18	0.03	0.03	0.02	0.08	0.15	0.18	0.21	0.14	0.21
1980	Above Normal	0.00	(0.05)	(0.05)	0.03	0.02	0.00	(0.01)	(0.04)	(0.08)	0.05	0.17	(0.36)	(0.03)
1981	Dry	(0.52)	(0.43)	(0.24)	(0.23)	(0.14)	(0.09)	(0.05)	(0.06)	(0.06)	(0.05)	(0.08)	(0.06)	(0.17)
1982	Wet	(0.04)	(0.02)	(0.01)	(0.03)	(0.01)	0.02	0.00	0.03	0.11	0.20	0.26	0.25	0.06
1983	Wet	0.16	0.22	0.15	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.04	0.05	0.01	0.05	0.09	0.12	0.05	0.04	0.04
1987	Dry	0.10	0.12	0.09	0.08	0.04	0.03	0.05	0.04	0.03	0.03	0.04	0.03	0.06
1988	Critical	0.01	0.01	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	(0.03)	(0.01)
1989	Dry	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.01)	0.00	(0.01)
1990	Critical	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00
1992	Critical	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.01	0.00	(0.01)	(0.01)	(0.02)	(0.03)	(0.02)	(0.01)
1994	Critical	(0.01)	(0.02)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00
1995	Wet	0.00	0.01	0.00	0.01	0.01	0.08	0.09	0.46	1.02	1.24	1.40	1.39	0.48
1996	Wet	0.91	1.07	0.85	0.56	0.11	0.13	0.10	0.12	0.18	0.21	0.15	0.06	0.37
1997	Wet	0.02	0.01	0.02	0.01	0.00	0.00	0.00	0.02	0.01	0.01	4.05	(0.15)	0.33
1998	Wet	(0.07)	(0.03)	(0.01)	(0.03)	(0.01)	0.04	0.05	0.06	0.03	(0.06)	(0.21)	(0.29)	(0.04)
1999	Wet	(0.10)	0.00	0.00	(0.03)	(0.03)	0.00	0.00	0.00	0.01	0.01	0.02	0.04	(0.01)
2000	Above Normal	0.04	0.04	0.04	0.04	0.02	0.01	0.02	0.02	0.02	0.03	0.04	0.04	0.03
2001	Dry	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.01
2002	Dry	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.01
2003	Above Normal	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.01	0.00	0.00	0.00	(0.01)	(0.01)	0.00
	Average	0.03	0.04	0.03	0.02	0.00	0.07	0.02	0.03	0.06	0.07	0.03	0.06	0.04
	Wet	0.06	0.07	0.05	0.04	0.01	0.20	0.03	0.07	0.12	0.14	0.30	0.12	0.10
	Above Normal	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	0.00	0.01	0.03	0.07	0.12	0.15	0.09	0.03
	Below Normal	0.08	0.07	0.04	0.02	0.00	0.01	0.01	0.02	0.02	0.03	0.03	0.03	0.03
	Dry	0.00	0.02	0.02	0.01	(0.00)	0.01	0.01	0.01	0.01	0.01	(0.43)	0.00	(0.03)
	Critical	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.01

Percent Difference in Energy Use (GWh) At Pumping Plant at San Felipe: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	2%	5%	5%	4%	4%
1923	Below Normal	4%	2%	0%	0%	1%	0%	0%	0%	0%	0%	1%	2%
1924	Critical	1%	3%	5%	6%	5%	8%	8%	8%	8%	9%	8%	6%
1925	Dry	6%	6%	7%	8%	8%	4%	1%	1%	-2%	-2%	-3%	-2%
1926	Dry	-3%	-2%	-1%	-4%	-6%	4%	5%	6%	7%	7%	7%	6%
1927	Wet	6%	6%	5%	7%	9%	1%	-1%	-1%	-1%	-1%	-1%	-1%
1928	Above Normal	-1%	-1%	-2%	-1%	-2%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	1%	1%	1%	0%	0%	1%	1%
1931	Critical	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%
1932	Dry	1%	1%	0%	1%	0%	0%	0%	1%	0%	0%	1%	1%
1933	Critical	1%	0%	0%	1%	2%	1%	1%	1%	1%	1%	0%	0%
1934	Critical	0%	0%	-1%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	1%	3%	5%	5%	5%	5%
1937	Below Normal	5%	5%	5%	5%	3%	0%	0%	2%	6%	8%	8%	8%
1938	Wet	8%	8%	8%	4%	0%	231%	1%	12%	21%	19%	16%	12%
1939	Dry	8%	8%	7%	8%	8%	7%	4%	2%	1%	0%	-75%	-3%
1940	Above Normal	-3%	-2%	-2%	-5%	-8%	-2%	-1%	1%	3%	3%	4%	2%
1941	Wet	2%	1%	1%	3%	5%	0%	0%	1%	1%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	1%	2%	3%	2%	2%	1%	73%	0%
1943	Wet	-1%	-1%	-1%	1%	3%	5%	6%	8%	8%	7%	7%	6%
1944	Dry	6%	5%	4%	3%	1%	0%	0%	0%	-1%	-1%	-1%	-1%
1945	Below Normal	-1%	-1%	-1%	-2%	0%	3%	-1%	-1%	-2%	-2%	-2%	-3%
1946	Below Normal	-2%	-2%	-2%	-2%	-1%	-1%	-2%	-1%	-2%	-2%	-2%	-2%
1947	Dry	-2%	-2%	-2%	-2%	-3%	0%	0%	0%	0%	0%	1%	1%
1948	Below Normal	1%	1%	1%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	2%	4%	7%	9%	10%	9%	7%
1953	Wet	6%	2%	-1%	2%	3%	3%	-1%	-2%	-3%	-3%	-4%	-4%
1954	Above Normal	-4%	-4%	-3%	-5%	-5%	-1%	-1%	-1%	0%	0%	0%	1%
1955	Dry	1%	0%	0%	1%	1%	1%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	2%	4%	1%	1%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	1%	3%	4%	3%	2%	2%
1959	Below Normal	2%	2%	2%	1%	0%	2%	3%	2%	1%	0%	-1%	-1%
1960	Dry	-1%	-1%	-1%	0%	-1%	0%	0%	0%	0%	0%	-72%	0%
1961	Dry	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	2%	3%	2%	1%	0%	-1%	-62%	-2%
1966	Below Normal	-2%	-1%	-1%	-2%	-3%	0%	0%	0%	0%	-1%	-1%	-1%
1967	Wet	0%	0%	0%	-1%	-1%	0%	2%	5%	7%	10%	13%	12%
1968	Below Normal	12%	8%	3%	3%	3%	3%	2%	2%	2%	2%	3%	3%
1969	Wet	3%	4%	4%	4%	3%	0%	2%	2%	0%	0%	1%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	2%	4%	4%	4%	2%
1974	Wet	1%	3%	3%	4%	6%	5%	6%	6%	4%	3%	2%	0%
1975	Wet	-1%	-1%	-1%	-2%	-3%	-1%	-1%	-1%	0%	0%	0%	0%
1976	Critical	1%	0%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	1%	3%	6%	7%	10%	14%	16%	16%
1979	Below Normal	16%	13%	9%	6%	2%	2%	1%	4%	5%	5%	5%	3%
1980	Above Normal	0%	-2%	-2%	2%	2%	0%	0%	-2%	-2%	1%	3%	-6%
1981	Dry	-11%	-8%	-6%	-6%	-7%	-4%	-2%	-2%	-2%	-1%	-1%	-1%
1982	Wet	-1%	-1%	0%	-1%	-1%	1%	0%	1%	4%	5%	5%	5%
1983	Wet	5%	7%	7%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	4%	3%	1%	2%	3%	4%	1%	1%
1987	Dry	3%	3%	2%	3%	2%	2%	2%	2%	1%	1%	1%	1%
1988	Critical	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1989	Dry	-1%	-1%	-1%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	1%	2%	3%	14%	28%	28%	26%	25%
1996	Wet	25%	22%	20%	13%	5%	5%	4%	4%	4%	4%	2%	1%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	-	-2%
1998	Wet	-2%	-1%	0%	-1%	-1%	2%	2%	2%	1%	-1%	-4%	-5%
1999	Wet	-3%	0%	0%	-1%	-2%	0%	0%	0%	0%	0%	0%	1%
2000	Above Normal	1%	1%	1%	2%	1%	0%	1%	1%	1%	1%	1%	1%
2001	Dry	1%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	1%	1%	1%	1%	0%	4%	1%	1%	2%	2%	0%	1%
	Wet	2%	2%	2%	2%	1%	10%	1%	3%	4%	3%	3%	2%
	Above Normal	-1%	-1%	-1%	-1%	-1%	0%	0%	1%	2%	2%	3%	2%
	Below Normal	3%	2%	1%	1%	0%	1%	0%	1%	1%	1%	1%	1%
	Dry	0%	1%	1%	0%	0%	1%	1%	0%	0%	0%	-8%	0%
	Critical	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%

Energy Use (GWh) At Pumping Plant at San Luis Other: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	3.66	3.19	5.23	8.87	9.48	6.06	7.83	11.12	19.53	23.62	16.45	4.18	119.22
1923	Below Normal	3.18	2.75	4.50	7.60	8.14	3.47	4.23	6.38	11.12	13.42	9.43	2.48	76.70
1924	Critical	1.87	1.59	2.56	4.25	4.59	1.58	1.88	2.78	4.70	5.64	4.09	1.21	36.74
1925	Dry	0.89	0.72	1.08	1.70	1.89	2.85	3.55	5.44	9.44	11.38	8.03	2.15	49.12
1926	Dry	1.62	1.37	2.17	3.59	3.89	1.95	2.30	3.40	5.80	6.97	5.00	1.43	39.49
1927	Wet	1.07	0.87	1.34	2.14	2.35	3.73	4.79	7.09	12.38	14.94	10.48	2.73	63.91
1928	Above Normal	2.07	1.77	2.85	4.75	5.12	3.09	4.34	6.52	11.36	13.71	9.63	2.53	67.74
1929	Critical	1.91	1.63	2.61	4.35	4.69	0.38	0.51	0.74	1.08	1.25	1.06	0.47	20.68
1930	Dry	0.32	0.22	0.24	0.26	0.37	1.87	2.72	4.03	6.92	8.34	5.94	1.66	32.89
1931	Critical	1.24	1.03	1.60	2.59	2.83	1.43	1.71	2.52	4.25	5.10	3.71	1.12	29.13
1932	Dry	0.82	0.66	0.98	1.52	1.70	2.08	2.45	3.62	6.20	7.46	5.34	1.52	34.35
1933	Critical	1.13	0.93	1.43	2.30	2.52	1.05	1.35	1.99	3.30	3.94	2.91	0.92	23.77
1934	Critical	0.67	0.52	0.76	1.14	1.30	1.69	2.00	2.96	5.02	6.03	4.35	1.28	27.72
1935	Below Normal	0.94	0.76	1.16	1.83	2.03	0.38	1.01	4.32	7.44	8.96	6.37	1.76	36.96
1936	Below Normal	1.32	1.10	1.72	2.79	3.04	3.58	4.15	6.16	10.72	12.93	9.10	2.40	59.01
1937	Below Normal	1.81	1.54	2.46	4.09	4.42	1.08	3.23	4.89	8.45	10.19	7.21	1.96	51.33
1938	Wet	1.47	1.23	1.95	3.19	3.47	7.58	8.68	12.92	22.73	27.49	19.11	4.80	114.62
1939	Dry	3.66	3.19	5.23	8.87	9.48	2.45	3.48	5.17	8.96	10.80	6.46	2.06	69.81
1940	Above Normal	1.55	1.30	2.06	3.39	3.68	2.68	3.96	6.05	10.52	12.69	8.93	2.36	59.17
1941	Wet	1.78	1.51	2.42	4.01	4.34	5.47	7.18	10.39	18.23	22.04	15.37	3.92	96.66
1942	Wet	2.99	2.58	4.21	7.08	7.59	6.02	7.80	11.19	19.66	23.78	15.67	4.20	112.77
1943	Wet	3.20	2.77	4.53	7.65	8.19	6.24	7.42	11.03	19.38	23.43	16.32	4.15	114.31
1944	Dry	3.16	2.73	4.47	7.54	8.07	2.31	2.70	4.00	6.87	8.27	5.90	1.65	57.67
1945	Below Normal	1.23	1.02	1.59	2.57	2.80	3.56	5.60	8.33	14.57	17.60	12.31	3.18	74.36
1946	Below Normal	2.41	2.07	3.36	5.63	6.05	4.50	5.54	8.20	14.34	17.33	12.13	3.14	84.70
1947	Dry	2.38	2.04	3.30	5.54	5.95	2.69	4.28	6.35	11.07	13.35	9.39	2.47	68.81
1948	Below Normal	1.87	1.59	2.54	4.23	4.57	1.58	2.43	3.55	6.07	7.31	5.23	1.49	42.46
1949	Dry	1.11	0.91	1.40	2.25	2.47	2.83	5.43	8.11	14.19	17.14	11.99	3.10	70.93
1950	Below Normal	2.35	2.02	3.27	5.47	5.88	2.43	3.52	5.23	9.06	10.92	7.72	2.08	59.95
1951	Above Normal	1.56	1.32	2.09	3.44	3.73	4.84	5.60	8.29	14.50	17.52	12.25	3.17	78.31
1952	Wet	2.40	2.06	3.34	5.60	6.02	6.93	8.68	12.92	22.73	27.49	19.11	4.80	122.08
1953	Wet	3.66	3.19	5.23	8.87	9.48	2.96	3.91	5.84	10.15	12.24	8.62	2.29	76.44
1954	Above Normal	1.73	1.46	2.33	3.87	4.18	2.92	3.77	5.58	9.68	11.68	7.55	2.20	56.95
1955	Dry	1.66	1.40	2.23	3.68	3.99	3.66	4.23	6.28	10.94	13.20	9.28	2.45	63.00
1956	Wet	1.85	1.57	2.51	4.18	4.52	6.81	7.57	10.61	18.63	22.52	15.70	4.00	100.47
1957	Above Normal	3.04	2.63	4.30	7.24	7.75	2.57	2.49	3.65	6.25	7.52	5.38	1.53	54.35
1958	Wet	1.14	0.94	1.44	2.32	2.54	6.41	8.23	12.88	22.66	27.41	19.06	4.79	109.82
1959	Below Normal	3.65	3.18	5.22	8.84	9.45	2.34	3.03	4.82	8.34	10.05	7.12	1.94	67.98
1960	Dry	1.45	1.22	1.92	3.15	3.42	2.16	3.50	5.02	8.70	10.48	1.69	2.01	44.72
1961	Dry	1.51	1.27	2.00	3.29	3.57	2.92	4.34	6.28	10.94	13.20	1.91	2.45	53.68
1962	Below Normal	1.85	1.57	2.51	4.18	4.52	3.17	4.21	6.29	10.95	13.21	9.29	2.45	64.20
1963	Wet	1.85	1.57	2.52	4.19	4.52	3.44	4.41	6.52	11.36	13.71	9.63	2.53	66.25
1964	Dry	1.91	1.63	2.61	4.35	4.70	3.63	4.20	6.24	10.86	13.11	7.71	2.43	63.38
1965	Wet	1.83	1.56	2.50	4.15	4.48	3.69	4.27	10.32	18.11	21.89	4.72	3.90	81.42
1966	Below Normal	2.97	2.56	4.18	7.03	7.53	3.55	4.31	6.60	11.51	13.89	9.76	2.56	76.45
1967	Wet	1.93	1.65	2.65	4.41	4.76	7.01	8.68	12.92	22.73	27.49	19.11	4.80	118.14
1968	Below Normal	3.66	3.19	5.23	8.87	9.48	2.58	3.40	4.98	8.62	10.39	7.35	1.99	69.74
1969	Wet	1.50	1.26	1.99	3.26	3.54	7.58	8.68	12.92	22.73	27.49	19.11	4.80	114.86
1970	Wet	3.66	3.19	5.23	8.87	9.48	4.84	5.60	8.38	14.67	17.72	12.39	3.20	97.23
1971	Wet	2.43	2.09	3.38	5.66	6.09	2.31	3.30	4.93	8.52	10.28	7.27	1.97	58.23
1972	Below Normal	1.48	1.24	1.96	3.22	3.50	3.41	3.87	5.73	9.96	12.02	8.47	2.26	57.12
1973	Above Normal	1.70	1.44	2.29	3.79	4.11	3.87	5.10	7.55	13.19	15.93	11.16	2.90	73.03
1974	Wet	2.20	1.88	3.04	5.08	5.47	6.48	7.94	11.49	20.19	24.41	8.93	4.31	101.42
1975	Wet	3.28	2.84	4.65	7.86	8.41	4.46	5.96	8.27	14.47	17.48	6.73	3.16	87.57
1976	Critical	2.40	2.06	3.33	5.59	6.00	1.39	1.66	2.45	4.12	4.93	3.60	1.09	38.62
1977	Critical	0.80	0.64	0.95	1.47	1.64	1.25	1.50	2.22	3.71	4.44	3.26	1.01	22.89
1978	Above Normal	0.74	0.58	0.85	1.31	1.47	5.13	8.31	12.15	21.37	25.84	17.98	4.54	100.27
1979	Below Normal	3.46	3.00	4.92	8.33	8.91	3.33	5.00	7.44	13.00	15.69	11.00	2.86	86.94
1980	Above Normal	2.16	1.85	2.99	5.00	5.38	6.83	7.86	11.70	20.56	24.86	17.30	4.01	110.50
1981	Dry	3.33	2.89	4.74	8.01	8.57	3.04	3.68	5.67	9.85	11.88	8.38	2.23	72.27
1982	Wet	1.68	1.42	2.27	3.75	4.06	7.40	8.68	12.92	22.73	27.49	19.11	4.80	116.31
1983	Wet	3.66	3.19	5.23	8.87	9.48	7.58	8.68	12.92	22.73	27.49	19.11	4.80	133.74
1984	Wet	6.01	3.19	5.23	8.87	9.48	4.85	5.60	8.31	14.54	17.57	12.29	3.18	99.12
1985	Dry	2.41	2.07	3.35	5.62	6.03	3.55	4.27	6.55	11.41	13.78	9.68	2.54	71.26
1986	Wet	1.92	1.63	2.62	4.37	4.72	4.55	6.12	9.10	15.93	19.25	13.49	3.46	87.16
1987	Dry	2.63	2.26	3.67	6.17	6.62	0.59	2.72	4.03	6.92	8.33	5.94	1.66	51.54
1988	Critical	1.24	1.03	1.60	2.59	2.83	0.43	0.57	0.83	1.25	1.46	1.20	0.50	15.53
1989	Dry	0.35	0.24	0.28	0.33	0.44	0.38	3.28	4.95	8.56	10.32	3.86	1.98	34.97
1990	Critical	1.49	1.25	1.97	3.24	3.52	0.38	0.51	0.74	1.08	1.25	1.06	0.47	16.96
1991	Critical	0.32	0.22	0.24	0.26	0.37	1.79	2.24	3.32	5.66	6.81	4.89	1.41	27.53
1992	Critical	1.05	0.85	1.31	2.09	2.30	1.94	2.94	4.35	5.79	9.03	6.42	1.77	39.84
1993	Above Normal	0.97	1.10	1.73	2.81	3.07	3.50	5.56	7.61	13.29	16.05	11.03	2.92	69.64
1994	Critical	2.21	1.89	3.06	5.12	5.51	4.47	5.09	7.49	13.09	15.47	8.31	2.88	74.59
1995	Wet	2.18	1.87	3.01	5.04	5.42	6.36	8.42	12.29	21.61	26.13	18.18	4.58	115.09
1996	Wet	3.49	3.04	4.98	8.42	9.01	4.79	6.56	9.41	16.49	19.93	10.60	3.57	100.29
1997	Wet	2.72	2.34	3.80	6.39	6.85	6.00	7.30	10.50	18.42	22.27	12.41	3.96	102.96
1998	Wet	3.01	2.60	4.25	7.16	7.67	6.81	8.68	12.91	22.72	27.48	19.11	4.80	127.20
1999	Wet	3.66	3.19	5.23	8.87	9.48	3.38	4.75	7.05	12.30	14.85	10.42	2.72	85.90
2000	Above Normal	2.05	1.76	2.83	4.72	5.09	3.43	4.80	7.10	12.40	14.97	10.50	2.74	72.39
2001	Dry	2.07	1.77	2.85	4.76	5.13	3.09	3.77	5.60	9.73	11.73	8.27	2.21	60.98
2002	Dry	1.66	1.41	2.24	3.70	4.01	2.96	3.47	5.12	8.87	10.70	7.56	2.04	53.74
2003	Above Normal	1.54	1.29	2.04	3.36	3.65	3.53	4.43	6.54	11.40	13.75	9.66	2.54	63.73
	Average	2.08	1.76	2.83	4.72	5.08	3.58	4.66	6.96	12.13	14.66	9.63	2.69	70.78
	Wet	2.56	2.12	3.44	5.78	6.21	5.53	6.84	10.23	17.95	21.70	13.93	3.85	100.15
	Above Normal	1.90	1.64	2.63	4.38	4.73	4.04	5.34	7.82	13.67	16.51	11.49	2.97	77.11
	Below Normal	2.30	1.97	3.19	5.33	5.74	2.78	3.82	5.92	10.30	12.42	8.75	2.33	64.85
	Dry	1.83	1.56	2.49	4.13	4.46	2.50	3.58	5.33	9.24	11.14	6.80	2.11	55.15
	Critical	1.36	1.14	1.79	2.92	3.18	1.48	1.83	2.70	4.42	5.45	3.74	1.18	31.17

Energy Use (GWh) At Pumping Plant at San Luis Other: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	3.66	3.19	5.23	8.87	9.48	6.03	7.78	11.05	19.41	23.47	14.98	4.15	117.30
1923	Below Normal	3.16	2.74	4.48	7.55	8.09	3.43	4.18	6.30	10.98	13.25	9.31	2.45	75.92
1924	Critical	1.85	1.58	2.52	4.20	4.53	1.66	1.97	2.91	4.93	5.92	4.28	1.26	37.61
1925	Dry	0.93	0.75	1.14	1.80	1.99	2.68	3.15	4.83	8.35	10.06	7.12	1.94	44.74
1926	Dry	1.46	1.22	1.92	3.15	3.43	2.18	2.55	3.78	6.48	7.80	5.57	1.57	41.11
1927	Wet	1.18	0.97	1.50	2.41	2.64	3.65	4.71	6.96	12.15	14.67	10.29	2.69	63.82
1928	Above Normal	2.03	1.74	2.79	4.66	5.03	3.12	4.36	6.53	11.37	13.73	9.64	2.53	67.53
1929	Critical	1.91	1.63	2.61	4.35	4.70	0.38	0.51	0.74	1.08	1.25	1.06	0.47	20.69
1930	Dry	0.32	0.22	0.24	0.26	0.37	1.90	2.75	4.07	7.01	8.44	6.01	1.68	33.27
1931	Critical	1.25	1.04	1.62	2.62	2.86	1.44	1.72	2.54	4.27	5.12	3.73	1.12	29.33
1932	Dry	0.83	0.66	0.98	1.53	1.71	2.08	2.45	3.62	6.20	7.46	5.34	1.52	34.38
1933	Critical	1.13	0.93	1.43	2.30	2.52	1.05	1.35	1.99	3.31	3.96	2.92	0.92	23.81
1934	Critical	0.67	0.53	0.76	1.15	1.31	1.69	2.01	2.97	5.04	6.05	4.37	1.28	27.83
1935	Below Normal	0.95	0.77	1.16	1.84	2.03	0.38	1.01	4.34	7.48	9.01	6.40	1.77	37.14
1936	Below Normal	1.33	1.10	1.72	2.81	3.06	3.58	4.15	6.16	10.72	12.93	9.10	2.40	59.06
1937	Below Normal	1.81	1.54	2.47	4.09	4.42	1.08	3.23	4.87	8.42	10.15	7.19	1.95	51.22
1938	Wet	1.47	1.23	1.94	3.18	3.46	7.58	8.68	12.92	22.73	27.49	19.11	4.80	114.59
1939	Dry	3.66	3.19	5.23	8.87	9.48	2.26	3.13	4.64	8.00	9.64	1.62	1.87	61.59
1940	Above Normal	1.40	1.17	1.84	3.02	3.28	2.88	4.19	6.40	11.14	13.45	9.45	2.49	60.71
1941	Wet	1.88	1.60	2.56	4.26	4.60	5.39	7.05	10.20	17.90	21.63	15.09	3.86	96.02
1942	Wet	2.93	2.53	4.13	6.95	7.45	6.00	7.78	11.16	19.60	23.70	12.37	4.19	108.79
1943	Wet	3.19	2.76	4.52	7.63	8.16	6.17	7.37	10.97	19.26	23.28	16.18	4.12	113.61
1944	Dry	3.14	2.72	4.44	7.49	8.02	2.25	2.64	3.90	6.70	8.07	5.76	1.62	56.75
1945	Below Normal	1.21	1.00	1.55	2.50	2.73	3.47	5.43	8.08	14.12	17.06	11.94	3.09	72.18
1946	Below Normal	2.34	2.01	3.25	5.45	5.86	4.39	5.41	8.01	14.01	16.92	11.84	3.07	82.56
1947	Dry	2.32	1.99	3.23	5.40	5.81	2.71	4.31	6.40	11.15	13.45	9.46	2.49	68.72
1948	Below Normal	1.88	1.60	2.56	4.26	4.60	1.58	2.41	3.53	6.03	7.25	5.20	1.48	42.38
1949	Dry	1.10	0.90	1.39	2.23	2.45	2.83	5.44	8.13	14.21	17.17	12.02	3.11	70.98
1950	Below Normal	2.36	2.02	3.27	5.48	5.90	2.42	3.52	5.22	9.04	10.90	7.71	2.08	59.92
1951	Above Normal	1.56	1.31	2.08	3.43	3.72	4.84	5.60	8.29	14.50	17.52	12.25	3.17	78.27
1952	Wet	2.40	2.06	3.34	5.60	6.02	6.91	8.68	12.92	22.73	27.49	19.11	4.80	122.06
1953	Wet	3.66	3.19	5.23	8.87	9.48	2.81	3.74	5.57	9.67	11.66	8.22	2.20	74.30
1954	Above Normal	1.65	1.40	2.22	3.68	3.98	2.96	3.81	5.64	9.79	11.81	7.60	2.22	56.76
1955	Dry	1.67	1.41	2.25	3.73	4.03	3.65	4.22	6.26	10.91	13.16	9.26	2.44	62.99
1956	Wet	1.84	1.57	2.51	4.17	4.50	6.66	7.57	10.61	18.63	22.52	15.70	4.00	100.28
1957	Above Normal	3.04	2.63	4.30	7.24	7.75	2.57	2.49	3.65	6.25	7.52	5.38	1.53	54.35
1958	Wet	1.14	0.94	1.44	2.32	2.54	6.41	8.23	12.52	22.02	26.63	18.52	4.66	107.37
1959	Below Normal	3.55	3.09	5.07	8.59	9.18	2.38	3.13	4.78	8.27	9.97	7.06	1.92	66.99
1960	Dry	1.44	1.21	1.91	3.12	3.39	2.16	3.51	5.03	8.71	10.50	1.69	2.01	44.68
1961	Dry	1.51	1.27	2.01	3.30	3.58	2.92	4.34	6.28	10.93	13.19	1.91	2.45	53.69
1962	Below Normal	1.85	1.57	2.51	4.18	4.51	3.17	4.21	6.29	10.95	13.22	9.29	2.45	64.20
1963	Wet	1.85	1.57	2.52	4.19	4.52	3.40	4.37	6.45	11.24	13.56	9.53	2.51	65.71
1964	Dry	1.89	1.61	2.58	4.30	4.64	3.64	4.21	6.26	10.89	13.15	7.72	2.44	63.33
1965	Wet	1.84	1.56	2.51	4.16	4.50	3.60	4.17	9.87	17.30	20.91	4.97	3.74	79.13
1966	Below Normal	2.84	2.45	3.99	6.71	7.20	3.60	4.36	6.49	11.30	13.64	9.58	2.52	74.68
1967	Wet	1.90	1.62	2.60	4.33	4.67	6.98	8.68	12.92	22.73	27.49	19.11	4.80	117.83
1968	Below Normal	3.66	3.19	5.23	8.87	9.48	2.57	3.39	4.97	8.60	10.37	7.33	1.99	69.65
1969	Wet	1.49	1.25	1.98	3.25	3.53	7.58	8.68	12.92	22.73	27.49	19.11	4.80	114.81
1970	Wet	3.66	3.19	5.23	8.87	9.48	4.84	5.60	8.38	14.67	17.72	12.39	3.20	97.23
1971	Wet	2.43	2.09	3.38	5.66	6.09	2.31	3.30	4.92	8.51	10.26	7.27	1.97	58.19
1972	Below Normal	1.48	1.24	1.96	3.22	3.50	3.41	3.87	5.74	9.96	12.02	8.47	2.26	57.13
1973	Above Normal	1.70	1.44	2.29	3.79	4.11	3.87	5.10	7.55	13.19	15.93	11.16	2.90	73.03
1974	Wet	2.20	1.88	3.04	5.08	5.47	6.09	7.89	11.17	19.61	23.71	7.98	4.19	98.31
1975	Wet	3.19	2.77	4.52	7.63	8.17	4.50	6.00	8.34	14.58	17.62	6.77	3.18	87.27
1976	Critical	2.42	2.07	3.36	5.63	6.05	1.38	1.65	2.44	4.10	4.91	3.58	1.09	38.68
1977	Critical	0.80	0.64	0.94	1.46	1.64	1.25	1.50	2.22	3.71	4.44	3.26	1.01	22.87
1978	Above Normal	0.74	0.58	0.85	1.31	1.47	5.02	8.04	11.54	20.28	24.52	17.07	4.32	95.74
1979	Below Normal	3.29	2.86	4.67	7.89	8.45	3.24	5.01	7.44	13.00	15.70	11.00	2.86	85.41
1980	Above Normal	2.17	1.85	2.99	5.00	5.39	6.75	7.77	11.56	20.31	24.56	17.10	4.33	109.78
1981	Dry	3.30	2.86	4.68	7.91	8.46	3.05	3.52	5.42	9.40	11.34	8.00	2.15	70.09
1982	Wet	1.61	1.36	2.16	3.57	3.87	7.27	8.68	12.92	22.73	27.49	19.11	4.80	115.57
1983	Wet	3.66	3.19	5.23	8.87	9.48	7.58	8.68	12.92	22.73	27.49	19.11	4.80	133.74
1984	Wet	6.01	3.19	5.23	8.87	9.48	4.85	5.60	8.31	14.54	17.57	12.29	3.18	99.12
1985	Dry	2.41	2.07	3.35	5.62	6.03	3.55	4.27	6.55	11.41	13.78	9.68	2.54	71.26
1986	Wet	1.92	1.63	2.62	4.37	4.72	4.48	6.12	9.10	15.93	19.25	13.45	3.46	87.05
1987	Dry	2.63	2.26	3.67	6.17	6.62	0.56	2.69	3.99	6.86	8.25	5.88	1.65	51.23
1988	Critical	1.23	1.02	1.58	2.56	2.80	0.41	0.55	0.80	1.19	1.38	1.15	0.49	15.16
1989	Dry	0.34	0.23	0.26	0.31	0.41	0.38	3.31	4.94	8.55	10.31	4.38	1.98	35.40
1990	Critical	1.49	1.25	1.97	3.23	3.51	0.38	0.51	0.74	1.08	1.25	1.06	0.47	16.94
1991	Critical	0.32	0.22	0.24	0.26	0.37	1.79	2.24	3.31	5.65	6.79	4.88	1.40	27.47
1992	Critical	1.04	0.85	1.30	2.08	2.29	1.94	2.93	4.34	5.80	9.01	6.40	1.77	39.75
1993	Above Normal	0.97	1.10	1.72	2.81	3.06	3.49	5.53	7.56	13.21	15.95	10.98	2.90	69.28
1994	Critical	2.20	1.88	3.04	5.08	5.47	4.47	5.10	7.50	13.11	15.52	8.30	2.88	74.55
1995	Wet	2.18	1.87	3.02	5.05	5.43	6.25	8.07	11.62	20.42	24.69	17.19	4.35	110.14
1996	Wet	3.31	2.87	4.71	7.95	8.51	4.84	6.61	9.49	16.64	20.11	7.48	3.60	96.12
1997	Wet	2.74	2.36	3.84	6.45	6.92	5.93	7.24	10.30	18.07	21.84	7.07	3.89	96.65
1998	Wet	2.96	2.56	4.17	7.02	7.52	6.69	8.58	12.56	22.09	26.72	18.58	4.68	124.13
1999	Wet	3.57	3.10	5.09	8.62	9.21	3.42	4.80	7.12	12.42	15.00	10.52	2.74	85.61
2000	Above Normal	2.07	1.77	2.86	4.77	5.14	3.42	4.80	7.09	12.38	14.95	10.48	2.73	72.46
2001	Dry	2.07	1.77	2.85	4.75	5.12	3.09	3.78	5.61	9.74	11.75	8.29	2.21	61.03
2002	Dry	1.67	1.41	2.24	3.71	4.01	2.96	3.47	5.12	8.87	10.69	7.56	2.04	53.75
2003	Above Normal	1.53	1.29	2.04	3.36	3.65	3.53	4.42	6.53	11.37	13.73	9.64	2.53	63.62
	Average	2.07	1.74	2.80	4.67	5.04	3.56	4.63	6.90	12.02	14.53	9.34	2.67	69.98
	Wet	2.55	2.11	3.42	5.74	6.17	5.47	6.80	10.12	17.76	21.46	13.33	3.82	98.75
	Above Normal	1.88	1.62	2.60	4.33	4.67	4.04	5.32	7.78	13.60	16.43	11.31	2.98	76.57
	Below Normal	2.27	1.94	3.14	5.25	5.64	2.76	3.81	5.87	10.21	12.31	8.67	2.31	64.17
	Dry	1.82	1.54	2.47	4.09	4.42	2.49	3.54	5.27	9.13	11.01	6.52	2.10	54.39
	Critical	1.36	1.14	1.78	2.91	3.17	1.49	1.84	2.71	4.44	5.47	3.75	1.18	31.22

Difference in Energy Use (GWh) At Pumping Plant at San Luis Other: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.05)	(0.07)	(0.12)	(0.15)	(1.47)	(0.03)	(0.16)
1923	Below Normal	(0.02)	(0.01)	(0.02)	(0.05)	(0.05)	(0.04)	(0.05)	(0.08)	(0.14)	(0.17)	(0.12)	(0.03)	(0.06)
1924	Critical	(0.02)	(0.01)	(0.04)	(0.05)	(0.06)	0.08	0.09	0.13	0.23	0.28	0.19	0.05	0.07
1925	Dry	0.04	0.03	0.06	0.10	0.10	(0.17)	(0.40)	(0.61)	(1.09)	(1.32)	(0.91)	(0.21)	(0.37)
1926	Dry	(0.16)	(0.15)	(0.25)	(0.44)	(0.46)	0.23	0.25	0.38	0.68	0.83	0.57	0.14	0.14
1927	Wet	0.11	0.10	0.16	0.27	0.29	(0.08)	(0.08)	(0.13)	(0.23)	(0.27)	(0.19)	(0.04)	(0.01)
1928	Above Normal	(0.04)	(0.03)	(0.06)	(0.09)	(0.09)	0.03	0.02	0.01	0.01	0.02	0.01	0.00	(0.02)
1929	Critical	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.04	0.09	0.10	0.07	0.02	0.03
1931	Critical	0.01	0.01	0.02	0.03	0.03	0.01	0.01	0.02	0.02	0.02	0.02	0.00	0.02
1932	Dry	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.00	0.00
1934	Critical	0.00	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.02	0.02	0.02	0.00	0.01
1935	Below Normal	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.02	0.04	0.05	0.03	0.01	0.01
1936	Below Normal	0.01	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.01	0.00	0.00	0.00	0.00	(0.02)	(0.03)	(0.04)	(0.02)	(0.01)	(0.01)
1938	Wet	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	(0.19)	(0.35)	(0.53)	(0.96)	(1.16)	(4.84)	(0.19)	(0.69)
1940	Above Normal	(0.15)	(0.13)	(0.22)	(0.37)	(0.40)	0.20	0.23	0.35	0.62	0.76	0.52	0.13	0.13
1941	Wet	0.10	0.09	0.14	0.25	0.26	(0.08)	(0.13)	(0.19)	(0.33)	(0.41)	(0.28)	(0.06)	(0.05)
1942	Wet	(0.06)	(0.05)	(0.08)	(0.13)	(0.14)	(0.02)	(0.02)	(0.03)	(0.06)	(0.08)	(3.30)	(0.01)	(0.33)
1943	Wet	(0.01)	(0.01)	(0.01)	(0.02)	(0.03)	(0.07)	(0.05)	(0.06)	(0.12)	(0.15)	(0.14)	(0.03)	(0.06)
1944	Dry	(0.02)	(0.01)	(0.03)	(0.05)	(0.05)	(0.06)	(0.06)	(0.10)	(0.17)	(0.20)	(0.14)	(0.03)	(0.08)
1945	Below Normal	(0.02)	(0.02)	(0.04)	(0.07)	(0.07)	(0.09)	(0.17)	(0.25)	(0.45)	(0.54)	(0.37)	(0.09)	(0.18)
1946	Below Normal	(0.07)	(0.06)	(0.11)	(0.18)	(0.19)	(0.11)	(0.13)	(0.19)	(0.33)	(0.41)	(0.29)	(0.07)	(0.18)
1947	Dry	(0.06)	(0.05)	(0.07)	(0.14)	(0.14)	0.02	0.03	0.05	0.08	0.10	0.07	0.02	(0.01)
1948	Below Normal	0.01	0.01	0.02	0.03	0.03	0.00	(0.02)	(0.02)	(0.04)	(0.06)	(0.03)	(0.01)	(0.01)
1949	Dry	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	0.00	0.01	0.02	0.02	0.03	0.03	0.01	0.00
1950	Below Normal	0.01	0.00	0.00	0.01	0.02	(0.01)	0.00	(0.01)	(0.02)	(0.02)	(0.01)	0.00	0.00
1951	Above Normal	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	(0.15)	(0.17)	(0.27)	(0.48)	(0.58)	(0.40)	(0.09)	(0.18)
1954	Above Normal	(0.08)	(0.06)	(0.11)	(0.19)	(0.20)	0.04	0.04	0.06	0.11	0.13	0.05	0.02	(0.02)
1955	Dry	0.01	0.01	0.02	0.05	0.04	(0.01)	(0.01)	(0.02)	(0.03)	(0.04)	(0.02)	(0.01)	0.00
1956	Wet	(0.01)	0.00	0.00	(0.01)	(0.02)	(0.15)	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.36)	(0.64)	(0.78)	(0.54)	(0.13)	(0.20)
1959	Below Normal	(0.10)	(0.09)	(0.15)	(0.25)	(0.27)	0.04	0.10	(0.04)	(0.07)	(0.08)	(0.06)	(0.02)	(0.08)
1960	Dry	(0.01)	(0.01)	(0.01)	(0.03)	(0.03)	0.00	0.01	0.01	0.01	0.02	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	(0.04)	(0.04)	(0.07)	(0.12)	(0.15)	(0.10)	(0.02)	(0.05)
1964	Dry	(0.02)	(0.02)	(0.03)	(0.05)	(0.06)	0.01	0.01	0.02	0.03	0.04	0.01	0.01	0.00
1965	Wet	0.01	0.00	0.01	0.01	0.02	(0.09)	(0.10)	(0.45)	(0.81)	(0.98)	0.25	(0.16)	(0.19)
1966	Below Normal	(0.13)	(0.11)	(0.19)	(0.32)	(0.33)	0.05	0.05	(0.11)	(0.21)	(0.25)	(0.18)	(0.04)	(0.15)
1967	Wet	(0.03)	(0.03)	(0.05)	(0.08)	(0.09)	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	0.00	(0.01)
1969	Wet	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	(0.39)	(0.05)	(0.32)	(0.58)	(0.70)	(0.95)	(0.12)	(0.26)
1975	Wet	(0.09)	(0.07)	(0.13)	(0.23)	(0.24)	0.04	0.04	0.07	0.11	0.14	0.04	0.02	(0.03)
1976	Critical	0.02	0.01	0.03	0.04	0.05	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	0.00	0.00
1977	Critical	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.11)	(0.27)	(0.61)	(1.09)	(1.32)	(0.91)	(0.22)	(0.38)
1979	Below Normal	(0.17)	(0.14)	(0.25)	(0.44)	(0.46)	(0.09)	0.01	0.00	0.00	0.01	0.00	0.00	(0.13)
1980	Above Normal	0.01	0.00	0.00	0.00	0.01	(0.08)	(0.09)	(0.14)	(0.25)	(0.30)	(0.20)	0.32	(0.06)
1981	Dry	(0.03)	(0.03)	(0.06)	(0.10)	(0.11)	0.01	(0.16)	(0.25)	(0.45)	(0.54)	(0.38)	(0.08)	(0.18)
1982	Wet	(0.07)	(0.06)	(0.11)	(0.18)	(0.19)	(0.13)	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(0.07)	0.00	0.00	0.00	0.00	(0.04)	0.00	(0.01)
1987	Dry	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.03)	(0.04)	(0.06)	(0.08)	(0.06)	(0.01)	(0.03)
1988	Critical	(0.01)	(0.01)	(0.02)	(0.03)	(0.03)	(0.02)	(0.02)	(0.03)	(0.06)	(0.08)	(0.05)	(0.01)	(0.03)
1989	Dry	(0.01)	(0.01)	(0.02)	(0.02)	(0.03)	0.00	0.03	(0.01)	(0.01)	(0.01)	0.52	0.00	0.04
1990	Critical	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	0.00
1992	Critical	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.00	(0.01)	(0.01)	0.01	(0.02)	(0.02)	0.00	(0.01)
1993	Above Normal	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	(0.03)	(0.05)	(0.08)	(0.10)	(0.05)	(0.02)	(0.03)
1994	Critical	(0.01)	(0.01)	(0.02)	(0.04)	(0.04)	0.00	0.01	0.01	0.02	0.05	(0.01)	0.00	0.00
1995	Wet	0.00	0.00	0.01	0.01	0.01	(0.11)	(0.35)	(0.67)	(1.19)	(1.44)	(0.99)	(0.23)	(0.41)
1996	Wet	(0.18)	(0.17)	(0.27)	(0.47)	(0.50)	0.05	0.05	0.08	0.15	0.18	(3.12)	0.03	(0.35)
1997	Wet	0.02	0.02	0.04	0.06	0.07	(0.07)	(0.06)	(0.20)	(0.35)	(0.43)	(5.34)	(0.07)	(0.53)
1998	Wet	(0.05)	(0.04)	(0.08)	(0.14)	(0.15)	(0.12)	(0.10)	(0.35)	(0.63)	(0.76)	(0.53)	(0.12)	(0.26)
1999	Wet	(0.09)	(0.09)	(0.14)	(0.25)	(0.27)	0.04	0.05	0.07	0.12	0.15	0.10	0.02	(0.02)
2000	Above Normal	0.02	0.01	0.03	0.05	0.05	(0.01)	0.00	(0.01)	(0.02)	(0.02)	(0.02)	(0.01)	0.01
2001	Dry	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.01	0.01	0.01	0.02	0.02	0.00	0.00
2002	Dry	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
2003	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.03)	(0.02)	(0.02)	(0.01)	(0.01)
	Average	(0.02)	(0.01)	(0.03)	(0.04)	(0.05)	(0.02)	(0.02)	(0.06)	(0.11)	(0.13)	(0.29)	(0.02)	(0.07)
	Wet	(0.01)	(0.01)	(0.02)	(0.04)	(0.04)	(0.06)	(0.04)	(0.11)	(0.20)	(0.24)	(0.60)	(0.04)	(0.12)
	Above Normal	(0.02)	(0.02)	(0.03)	(0.05)	(0.05)	0.00	(0.01)	(0.04)	(0.07)	(0.08)	(0.17)	0.02	(0.05)
	Below Normal	(0.03)	(0.03)	(0.05)	(0.09)	(0.09)	(0.02)	(0.02)	(0.05)	(0.09)	(0.11)	(0.08)	(0.02)	(0.06)
	Dry	(0.01)	(0.01)	(0.02)	(0.04)	(0.04)	(0.01)	(0.04)	(0.06)	(0.10)	(0.12)	(0.28)	(0.02)	(0.06)
	Critical	(0.00)	(0.00)	(0.00)	(0.01)	(0.00)	0.00	0.01	0.01	0.02	0.02	0.01	0.00	0.01

Percent Difference in Energy Use (GWh) At Pumping Plant at San Luis Other: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-9%	-1%
1923	Below Normal	-1%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1924	Critical	-1%	-1%	-2%	-1%	-1%	5%	5%	5%	5%	5%	5%	4%
1925	Dry	4%	4%	6%	6%	5%	-6%	-11%	-11%	-12%	-12%	-11%	-10%
1926	Dry	-10%	-11%	-12%	-12%	-12%	12%	11%	11%	12%	12%	11%	10%
1927	Wet	10%	11%	12%	13%	12%	-2%	-2%	-2%	-2%	-2%	-2%	-1%
1928	Above Normal	-2%	-2%	-2%	-2%	-2%	1%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	2%	1%	1%	1%	1%	1%	1%
1931	Critical	1%	1%	1%	1%	1%	1%	1%	1%	0%	0%	1%	0%
1932	Dry	1%	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1934	Critical	0%	2%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	1%	1%	0%	1%	0%	0%	0%	0%	1%	1%	0%	1%
1936	Below Normal	1%	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1938	Wet	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	-8%	-10%	-10%	-11%	-11%	-75%	-9%
1940	Above Normal	-10%	-10%	-11%	-11%	-11%	7%	6%	6%	6%	6%	6%	6%
1941	Wet	6%	6%	6%	6%	6%	-1%	-2%	-2%	-2%	-2%	-2%	-2%
1942	Wet	-2%	-2%	-2%	-2%	-2%	0%	0%	0%	0%	0%	-21%	0%
1943	Wet	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1944	Dry	-1%	0%	-1%	-1%	-1%	-3%	-2%	-3%	-2%	-2%	-2%	-2%
1945	Below Normal	-2%	-2%	-3%	-3%	-2%	-3%	-3%	-3%	-3%	-3%	-3%	-3%
1946	Below Normal	-3%	-3%	-3%	-3%	-3%	-2%	-2%	-2%	-2%	-2%	-2%	-2%
1947	Dry	-3%	-2%	-2%	-3%	-2%	1%	1%	1%	1%	1%	1%	1%
1948	Below Normal	1%	1%	1%	1%	1%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1949	Dry	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	-5%	-4%	-5%	-5%	-5%	-5%	-4%
1954	Above Normal	-5%	-4%	-5%	-5%	-5%	1%	1%	1%	1%	1%	1%	1%
1955	Dry	1%	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	-1%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	-3%	-3%	-3%	-3%	-3%
1959	Below Normal	-3%	-3%	-3%	-3%	-3%	2%	3%	-1%	-1%	-1%	-1%	-1%
1960	Dry	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1964	Dry	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	1%	0%	0%	0%	0%	-2%	-2%	-4%	-4%	-4%	5%	-4%
1966	Below Normal	-4%	-4%	-5%	-5%	-4%	1%	1%	-2%	-2%	-2%	-2%	-2%
1967	Wet	-2%	-2%	-2%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	-6%	-1%	-3%	-3%	-3%	-11%	-3%
1975	Wet	-3%	-2%	-3%	-3%	-3%	1%	1%	1%	1%	1%	1%	1%
1976	Critical	1%	0%	1%	1%	1%	-1%	-1%	0%	0%	0%	-1%	0%
1977	Critical	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	-2%	-3%	-5%	-5%	-5%	-5%	-5%
1979	Below Normal	-5%	-5%	-5%	-5%	-5%	-3%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%	8%
1981	Dry	-1%	-1%	-1%	-1%	-1%	0%	-4%	-4%	-5%	-5%	-5%	-4%
1982	Wet	-4%	-4%	-5%	-5%	-5%	-2%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	-5%	-1%	-1%	-1%	-1%	-1%	-1%
1988	Critical	-1%	-1%	-1%	-1%	-1%	-5%	-4%	-4%	-5%	-5%	-4%	-2%
1989	Dry	-3%	-4%	-7%	-6%	-7%	0%	1%	0%	0%	0%	13%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1992	Critical	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	-1%	0%	0%	0%	-1%	-1%	-1%	-1%	0%	-1%
1994	Critical	0%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-2%	-4%	-5%	-6%	-6%	-5%	-5%
1996	Wet	-5%	-6%	-5%	-6%	-6%	1%	1%	1%	1%	1%	-29%	1%
1997	Wet	1%	1%	1%	1%	1%	-1%	-1%	-2%	-2%	-2%	-43%	-2%
1998	Wet	-2%	-2%	-2%	-2%	-2%	-2%	-1%	-3%	-3%	-3%	-3%	-3%
1999	Wet	-2%	-3%	-3%	-3%	-3%	1%	1%	1%	1%	1%	1%	1%
2000	Above Normal	1%	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-1%	-1%	-1%	-1%	-1%	0%	0%	-1%	-1%	-1%	-2%	0%
	Wet	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-5%	-1%
	Above Normal	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	-1%	1%
	Below Normal	-1%	-1%	-1%	-1%	-1%	0%	0%	-1%	-1%	-1%	-1%	-1%
	Dry	-1%	-1%	-1%	-1%	-1%	0%	-1%	-1%	-1%	-1%	-4%	-1%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Energy Use (GWh) At Pumping Plant at System Total: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	122.13	196.71	151.20	118.72	86.67	160.36	43.56	64.71	138.39	157.44	140.98	114.16	1,495.03
1923	Below Normal	118.11	174.94	145.18	126.92	132.83	86.62	33.23	45.10	93.64	140.82	115.47	112.35	1,325.21
1924	Critical	157.85	143.25	131.81	118.92	60.35	19.20	25.94	34.09	25.22	48.89	41.72	64.39	871.63
1925	Dry	80.83	29.54	139.08	117.33	75.80	73.07	32.88	46.33	82.71	131.54	131.80	75.13	1,016.04
1926	Dry	94.92	124.89	115.57	113.79	44.91	21.15	31.76	37.06	63.30	98.87	93.59	93.55	933.36
1927	Wet	89.72	144.01	129.76	85.26	134.00	118.71	32.06	45.74	85.19	142.65	124.79	83.97	1,215.86
1928	Above Normal	65.76	158.38	158.46	121.55	59.19	141.39	29.82	44.59	77.87	122.35	127.72	103.29	1,210.37
1929	Critical	72.99	104.31	154.25	112.54	97.31	67.55	20.91	27.56	20.21	56.23	131.78	65.16	930.80
1930	Dry	79.77	74.58	110.74	84.69	80.53	69.76	37.58	49.43	50.39	98.84	87.30	60.66	884.27
1931	Critical	78.84	100.09	108.48	114.51	118.06	26.81	23.58	34.28	23.73	41.80	40.39	67.42	777.99
1932	Dry	78.81	60.78	157.76	126.32	150.04	24.32	24.73	36.68	32.00	42.25	105.57	133.07	972.33
1933	Critical	88.00	92.26	147.78	149.34	50.81	33.21	22.31	32.10	22.97	42.12	148.90	123.31	953.11
1934	Critical	91.64	68.00	93.35	18.40	20.69	22.71	24.12	35.36	26.65	49.76	40.13	62.01	552.82
1935	Below Normal	69.42	91.30	139.60	125.70	94.54	73.36	22.36	39.04	78.51	102.34	62.31	113.33	1,011.81
1936	Below Normal	137.21	117.12	148.63	76.13	53.97	52.24	35.56	42.89	79.24	131.22	91.49	146.70	1,112.40
1937	Below Normal	117.76	135.60	146.83	85.60	34.26	27.92	39.47	56.76	49.24	99.21	98.81	119.84	1,011.30
1938	Wet	88.06	150.69	139.75	29.44	28.10	63.59	78.77	203.77	150.96	178.30	148.51	107.29	1,367.23
1939	Dry	123.12	51.38	163.77	115.06	126.65	37.34	29.87	42.39	37.31	132.35	118.99	103.26	1,081.49
1940	Above Normal	82.28	101.54	69.26	80.48	101.48	148.29	37.97	47.76	80.29	123.71	122.53	80.05	1,075.64
1941	Wet	83.53	106.07	139.05	143.59	159.36	152.90	47.26	71.13	120.19	153.48	137.79	114.83	1,429.18
1942	Wet	119.82	189.59	148.04	168.57	154.42	148.55	45.04	67.58	126.04	158.34	138.10	112.81	1,576.90
1943	Wet	121.49	207.80	129.95	161.87	143.05	176.08	47.32	57.46	117.04	158.14	142.07	111.74	1,574.01
1944	Dry	118.73	151.77	140.45	111.66	107.58	65.15	30.37	39.54	56.28	120.47	97.45	68.52	1,107.97
1945	Below Normal	83.16	134.93	135.84	122.94	152.29	145.83	35.25	49.44	72.94	148.53	132.96	150.47	1,364.58
1946	Below Normal	131.03	147.09	164.58	158.46	151.69	102.59	33.82	52.87	72.86	147.99	132.46	143.59	1,439.03
1947	Dry	137.23	144.92	152.59	148.97	107.40	29.34	33.27	45.24	61.59	141.22	132.00	95.11	1,228.88
1948	Below Normal	88.29	129.42	117.52	65.59	26.70	69.31	26.32	38.62	70.49	109.55	129.90	114.09	985.80
1949	Dry	141.01	138.38	148.54	116.74	108.20	42.24	31.57	49.03	69.55	148.98	164.49	110.53	1,269.26
1950	Below Normal	111.00	128.61	142.26	72.60	68.43	104.08	30.85	42.78	87.20	128.02	106.42	113.72	1,135.97
1951	Above Normal	154.03	146.54	174.22	175.47	33.68	62.34	33.65	52.58	86.43	119.25	132.84	115.68	1,286.71
1952	Wet	96.90	167.57	133.62	162.04	138.41	159.04	56.90	107.60	152.20	164.99	143.69	111.35	1,594.31
1953	Wet	92.26	188.20	158.42	105.89	109.47	117.04	30.14	43.29	63.53	135.99	125.72	115.89	1,285.84
1954	Above Normal	65.39	151.46	137.48	67.32	69.73	104.03	29.35	42.88	76.36	94.73	124.88	112.43	1,076.04
1955	Dry	87.79	147.60	156.48	127.68	115.52	64.37	29.69	43.01	43.48	140.00	145.34	122.78	1,223.74
1956	Wet	78.96	124.55	162.97	177.47	189.46	59.32	38.98	59.15	128.54	157.84	142.43	115.72	1,435.39
1957	Above Normal	114.73	202.26	141.18	109.00	51.91	29.95	29.15	38.55	52.78	115.31	127.33	104.44	1,116.59
1958	Wet	127.38	159.45	129.43	90.25	138.76	138.79	73.68	92.86	150.22	163.12	144.98	111.71	1,520.63
1959	Below Normal	94.63	209.04	149.19	68.42	80.46	97.64	34.31	42.97	55.53	132.55	125.17	77.66	1,167.57
1960	Dry	111.45	98.62	120.91	109.52	64.47	64.49	28.04	52.47	53.54	119.38	96.80	107.11	1,026.80
1961	Dry	88.02	115.48	154.14	114.99	54.96	100.11	29.42	45.19	41.88	138.41	115.05	121.87	1,119.52
1962	Below Normal	82.23	109.39	86.61	123.01	89.76	118.11	34.86	45.51	61.79	141.13	128.89	100.80	1,122.09
1963	Wet	125.67	147.99	125.67	84.22	88.64	111.34	28.44	44.27	89.53	139.92	126.69	60.24	1,172.62
1964	Dry	81.85	147.07	192.87	123.70	88.18	71.44	28.64	44.43	45.13	137.52	156.29	110.05	1,227.17
1965	Wet	77.76	80.62	128.73	164.89	147.70	135.60	33.88	56.68	98.46	160.08	118.14	114.07	1,316.61
1966	Below Normal	118.17	184.62	154.18	134.58	117.56	85.06	29.43	45.74	62.32	146.99	128.93	105.43	1,313.01
1967	Wet	123.31	109.88	130.13	130.39	114.73	141.28	69.81	99.15	152.66	176.10	143.95	110.14	1,501.53
1968	Below Normal	108.27	132.13	157.75	114.01	63.04	109.16	32.13	43.11	55.62	133.08	123.80	79.32	1,151.42
1969	Wet	131.65	123.63	162.36	175.33	170.00	63.24	95.78	182.60	186.00	228.40	162.01	92.21	1,773.21
1970	Wet	112.41	24.92	143.61	211.66	106.37	61.43	32.20	49.21	70.85	133.86	133.06	112.44	1,192.02
1971	Wet	107.71	77.38	131.71	110.66	94.96	127.92	30.06	41.27	74.29	132.88	124.57	106.60	1,160.01
1972	Below Normal	109.40	75.36	155.67	113.61	48.67	57.24	28.22	43.34	58.11	137.64	126.13	93.79	1,047.18
1973	Above Normal	125.99	143.35	130.42	101.73	144.54	136.19	33.24	46.85	86.45	144.45	131.12	57.29	1,281.62
1974	Wet	129.86	147.20	158.38	172.32	127.77	106.94	40.50	58.12	113.96	159.73	126.24	112.51	1,453.53
1975	Wet	119.23	214.78	154.37	112.95	86.86	146.66	36.36	50.99	108.78	147.22	122.85	112.64	1,413.69
1976	Critical	126.12	159.57	155.46	129.08	150.25	88.20	33.42	34.00	22.19	77.58	33.69	36.83	1,046.39
1977	Critical	58.32	101.75	92.76	96.69	108.07	20.97	24.38	34.80	20.33	39.33	120.12	35.16	752.68
1978	Above Normal	56.62	40.59	86.77	91.47	156.15	171.61	59.84	83.22	146.16	170.46	146.06	114.92	1,323.87
1979	Below Normal	124.41	158.01	150.20	135.93	139.22	163.32	32.62	55.49	69.09	141.85	129.53	151.47	1,451.14
1980	Above Normal	127.87	86.93	163.02	177.75	159.69	58.07	40.47	60.94	137.37	166.63	203.02	65.32	1,447.08
1981	Dry	108.20	174.89	152.77	112.02	91.82	81.58	37.90	46.93	58.74	136.59	137.74	109.63	1,248.81
1982	Wet	116.67	137.77	126.64	137.04	166.66	114.60	97.12	114.46	147.33	166.29	144.80	111.33	1,580.71
1983	Wet	168.50	265.83	261.76	66.95	66.98	62.54	94.61	176.18	200.81	294.01	184.52	167.46	2,010.15
1984	Wet	61.75	44.36	49.53	67.60	74.85	61.63	32.93	49.23	73.88	145.80	132.71	116.99	911.26
1985	Dry	80.18	144.89	162.05	119.76	106.74	82.90	36.43	47.95	61.59	139.44	157.35	108.96	1,248.24
1986	Wet	122.68	155.30	148.34	70.13	162.55	124.88	53.14	73.64	121.68	149.62	188.75	30.59	1,401.30
1987	Dry	66.13	38.22	145.77	110.61	95.02	64.49	28.76	39.26	51.43	147.87	75.74	68.89	932.19
1988	Critical	115.14	106.06	102.35	78.21	22.13	16.47	25.92	30.07	14.78	76.34	125.50	38.21	751.18
1989	Dry	59.61	77.96	100.07	113.41	28.54	23.52	34.22	42.60	69.25	135.69	92.59	106.27	883.73
1990	Critical	75.24	91.65	123.41	104.79	60.09	20.21	21.30	32.70	12.70	72.89	106.17	33.56	754.71
1991	Critical	76.52	77.25	87.84	23.58	53.20	29.93	30.93	40.15	38.91	85.57	103.71	46.36	693.95
1992	Critical	42.79	91.28	56.86	56.46	46.27	68.34	28.26	41.94	46.97	191.16	135.61	34.66	840.60
1993	Above Normal	37.43	73.66	102.32	100.83	131.01	122.10	35.40	49.49	114.11	146.91	134.42	114.41	1,162.09
1994	Critical	115.06	151.24	153.61	107.44	95.87	60.66	34.29	55.54	47.58	143.14	155.98	90.27	1,210.68
1995	Wet	61.97	126.43	115.58	102.95	119.82	173.86	54.58	134.32	136.52	155.52	128.72	114.53	1,424.80
1996	Wet	83.81	101.94	139.15	95.87	146.65	170.15	37.83	44.11	99.04	132.42	111.28	112.73	1,274.98
1997	Wet	116.85	187.22	175.66	181.71	166.28	129.50	36.93	45.58	99.49	131.57	108.39	113.18	1,492.36
1998	Wet	89.26	115.25	169.24	105.75	155.44	179.34	56.96	70.58	140.97	157.28	129.27	111.65	1,480.99
1999	Wet	130.11	159.23	159.30	153.83	143.92	164.11	29.95	37.15	80.07	118.85	109.08	113.26	1,398.86
2000	Above Normal	63.67	153.79	144.13	77.08	153.79	156.12	30.23	36.91	87.48	95.50	111.00	112.30	1,222.00
2001	Dry	76.88	169.60	146.83	128.71	91.88	88.61	28.89	31.81	55.12	165.07	75.31	74.01	1,132.72
2002	Dry	105.76	96.90	146.37	98.88	79.03	73.25	28.57	31.64	54.90	111.71	126.42	91.09	1,044.52
2003	Above Normal	109.45	131.39	128.47	84.02	104.10	102.39	29.79	35.39	74.77	119.25	111.44	84.61	1,115.07
	Average	100.18	127.39	138.38	113.43	101.72	90.80	37.44	55.21	79.56	131.35	122.95	98.26	1,196.66
	Wet	106.82	140.68	144.28	125.72	128.28	123.42	50.43	79.85	118.78	159.32	136.27	107.61	1,421.46
	Above Normal	93.78	132.22	132.24	108.79	104.33	116.07	36.04	50.32	96.54	131.33	134.45	98.24	1,234.34
	Below Normal	106.65	137.68	142.43	108.82	89.53	92.32	32.03	45.98	69.04	131.49	116.59	115.90	1,188.47
	Dry	95.57	110.42	144.82	116.32	89.85	59.84	31.26	42.83	54.90	127.01	117.21	97.81	1,087.84
	Critical	91.54	107.23	117.33	92.50	73.59	39.52	26.28	36.05	26.85	77.07	98.64	58.11	844.71

Energy Use (GWh) At Pumping Plant at System Total: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	122.13	196.71	151.20	118.72	84.91	159.59	43.48	64.67	136.97	157.56	138.38	114.34	1,488.66
1923	Below Normal	125.13	205.82	145.23	124.53	129.93	86.82	33.14	44.90	93.06	140.54	105.43	111.86	1,346.39
1924	Critical	157.30	125.72	112.07	114.08	60.23	19.56	26.30	34.68	26.04	50.64	57.44	64.91	848.97
1925	Dry	79.97	27.70	138.23	116.19	74.94	73.34	32.12	44.77	78.12	122.64	129.98	72.98	990.98
1926	Dry	95.44	126.40	115.95	114.62	45.59	21.79	32.40	39.13	64.85	110.32	100.08	95.23	961.80
1927	Wet	89.71	143.97	129.53	84.72	132.63	118.85	31.88	45.39	84.72	142.12	126.69	83.39	1,213.60
1928	Above Normal	66.64	157.30	158.50	121.71	59.31	141.32	29.85	44.61	77.90	122.19	127.76	103.68	1,210.77
1929	Critical	73.00	104.69	154.24	112.53	97.30	67.59	20.91	27.56	20.21	56.19	131.79	65.16	931.17
1930	Dry	79.78	74.60	110.74	84.69	80.54	69.68	37.64	49.55	50.56	100.15	87.72	60.00	885.65
1931	Critical	78.79	100.02	108.39	114.38	117.89	26.83	23.61	34.33	23.80	41.96	40.45	67.51	777.96
1932	Dry	78.67	60.64	157.67	126.20	151.56	24.32	24.73	36.69	32.00	42.26	105.61	133.01	973.36
1933	Critical	87.60	91.83	147.65	149.16	55.41	33.20	22.32	32.13	23.01	42.21	148.98	123.30	956.80
1934	Critical	91.47	68.10	93.94	18.44	20.73	22.72	24.13	35.37	26.69	49.84	40.16	61.96	553.55
1935	Below Normal	74.01	91.35	139.71	125.68	94.54	73.36	22.37	39.10	78.59	102.45	62.39	113.32	1,016.87
1936	Below Normal	137.28	117.08	148.67	76.11	58.71	53.94	35.01	42.98	79.40	131.68	91.72	146.40	1,118.98
1937	Below Normal	117.17	134.53	145.48	134.84	34.26	37.07	34.75	45.52	40.77	99.01	98.93	119.23	1,041.56
1938	Wet	87.68	148.67	179.11	63.17	28.01	92.17	72.59	116.56	151.62	169.89	142.74	107.26	1,359.47
1939	Dry	120.00	70.66	158.31	114.26	125.62	37.29	29.27	42.72	34.92	130.33	95.55	100.27	1,059.20
1940	Above Normal	94.25	101.86	69.62	81.24	102.39	148.26	38.40	48.71	81.63	125.20	131.02	94.26	1,116.84
1941	Wet	83.82	102.09	138.43	143.09	158.04	151.00	47.03	68.13	118.84	152.80	137.35	115.08	1,415.70
1942	Wet	120.11	190.94	148.10	168.58	150.74	148.14	45.06	67.59	125.80	158.31	133.38	112.82	1,569.57
1943	Wet	121.50	207.44	130.11	161.67	136.33	170.99	45.20	57.37	125.51	158.48	142.46	111.48	1,568.54
1944	Dry	118.33	168.21	134.09	111.46	107.55	65.27	30.24	39.28	55.93	117.67	94.90	68.19	1,111.12
1945	Below Normal	83.20	135.37	136.03	123.22	123.38	159.65	34.90	48.76	72.02	147.44	132.15	149.02	1,345.14
1946	Below Normal	118.77	146.96	164.49	153.04	151.72	102.86	33.53	52.33	71.95	147.14	131.83	145.07	1,419.69
1947	Dry	134.94	144.97	152.61	149.26	107.18	29.37	33.33	45.36	61.76	141.42	131.53	94.41	1,226.14
1948	Below Normal	88.45	129.16	117.38	65.57	26.79	69.31	26.27	38.53	70.39	109.64	129.92	114.08	985.49
1949	Dry	140.85	138.36	148.52	116.77	108.26	42.24	31.59	49.07	69.63	149.06	164.66	110.54	1,269.55
1950	Below Normal	110.97	128.50	142.03	72.59	68.41	104.08	30.84	42.76	87.20	127.89	106.41	113.73	1,135.41
1951	Above Normal	153.99	146.55	174.24	175.25	38.12	62.34	33.65	52.58	86.43	119.26	132.84	115.68	1,290.93
1952	Wet	96.88	167.57	133.62	160.80	138.11	143.86	51.48	96.01	152.61	165.58	144.32	111.40	1,562.24
1953	Wet	93.15	242.20	158.54	88.83	108.85	117.09	29.78	42.52	62.48	134.76	124.80	117.16	1,320.16
1954	Above Normal	65.16	147.50	138.22	67.59	70.34	104.13	29.40	43.00	76.56	95.01	124.99	112.39	1,074.29
1955	Dry	87.77	148.20	156.38	127.53	115.34	64.39	29.67	42.98	43.40	139.93	144.98	121.31	1,221.88
1956	Wet	78.92	124.74	156.77	169.96	192.78	76.85	38.98	59.15	128.54	157.85	142.43	115.72	1,442.69
1957	Above Normal	114.69	202.30	141.20	109.00	51.91	29.95	29.15	38.55	52.78	115.30	127.33	104.46	1,116.62
1958	Wet	127.42	159.46	129.43	90.24	138.76	146.92	67.58	84.60	149.28	161.98	144.28	112.28	1,512.23
1959	Below Normal	94.89	212.65	148.91	68.63	80.70	102.64	34.62	42.98	55.44	132.39	125.22	77.07	1,176.14
1960	Dry	111.39	98.87	120.90	109.61	64.56	64.51	28.04	52.46	53.55	119.40	91.29	107.17	1,021.75
1961	Dry	88.00	115.55	154.26	115.10	54.97	100.15	29.41	45.17	41.86	138.38	114.99	121.83	1,119.67
1962	Below Normal	82.23	109.44	86.61	123.00	89.77	118.11	34.86	45.51	61.80	141.14	128.89	100.82	1,122.18
1963	Wet	125.67	147.99	125.67	84.22	85.41	111.40	28.36	44.10	89.29	139.64	126.50	59.50	1,167.75
1964	Dry	82.41	147.11	192.61	123.83	88.35	71.41	28.67	44.48	45.22	137.59	156.42	110.04	1,228.14
1965	Wet	77.76	80.64	128.80	159.27	136.77	135.29	33.74	55.58	96.89	158.25	114.72	114.33	1,292.04
1966	Below Normal	118.33	179.28	154.45	134.42	118.13	84.96	29.60	45.45	61.85	146.51	128.59	103.73	1,305.30
1967	Wet	122.69	109.92	130.21	130.56	111.78	139.24	63.80	89.83	152.98	170.19	144.85	111.54	1,477.59
1968	Below Normal	105.25	214.74	157.03	113.77	63.10	108.80	32.19	43.18	55.68	133.18	123.98	79.22	1,230.12
1969	Wet	128.53	124.22	161.34	153.46	190.22	63.24	74.52	207.23	187.27	229.30	162.88	100.65	1,782.86
1970	Wet	110.80	24.91	143.69	213.30	102.17	61.70	32.20	49.21	70.85	134.00	133.06	112.28	1,188.17
1971	Wet	108.44	76.25	131.66	110.62	94.93	127.87	30.07	41.26	74.27	132.85	124.58	106.61	1,159.41
1972	Below Normal	109.50	75.21	155.69	113.63	48.68	57.24	28.22	43.34	58.12	137.64	126.13	93.81	1,047.21
1973	Above Normal	125.96	143.36	130.43	101.74	144.54	136.20	33.23	46.92	86.62	144.68	131.38	86.65	1,311.71
1974	Wet	104.61	146.59	157.55	156.98	125.16	149.63	40.51	57.58	113.22	158.75	124.64	112.60	1,447.82
1975	Wet	119.37	210.49	154.68	113.20	87.18	146.92	36.40	51.11	108.92	147.46	122.93	112.65	1,411.31
1976	Critical	126.22	160.62	155.45	128.99	150.08	88.17	33.41	33.98	22.14	79.88	32.27	36.84	1,048.05
1977	Critical	56.77	101.62	92.68	96.65	107.86	20.96	24.38	34.81	20.31	39.34	120.77	35.15	751.30
1978	Above Normal	56.45	41.49	86.46	91.48	141.49	164.85	51.53	71.99	142.19	162.54	145.89	114.24	1,270.60
1979	Below Normal	124.62	207.36	149.19	134.30	138.79	157.75	32.65	55.64	69.31	142.14	129.83	151.44	1,493.02
1980	Above Normal	121.11	92.76	163.68	163.81	208.26	57.60	40.31	60.52	135.51	210.87	206.82	81.57	1,542.82
1981	Dry	94.84	117.10	153.87	112.60	92.13	63.61	37.50	46.18	57.56	135.55	135.26	107.09	1,153.29
1982	Wet	116.67	137.58	126.75	137.30	153.45	135.30	97.12	102.42	147.49	166.58	145.14	111.37	1,577.17
1983	Wet	128.54	246.05	294.23	115.33	66.98	62.54	94.61	176.18	200.81	294.01	184.52	167.46	2,031.26
1984	Wet	61.75	44.36	49.53	67.60	75.14	61.63	32.93	49.23	73.88	145.80	132.71	116.99	911.55
1985	Dry	80.18	144.89	162.05	119.76	106.74	82.90	36.43	47.95	61.59	139.44	157.35	108.96	1,248.24
1986	Wet	122.68	155.30	148.34	70.13	152.83	137.83	52.56	67.49	119.72	149.80	185.63	30.63	1,392.94
1987	Dry	66.28	51.14	145.16	110.30	94.81	64.40	28.77	39.24	51.34	146.62	74.74	68.80	941.60
1988	Critical	115.12	106.01	102.20	78.23	22.06	16.41	25.86	29.95	14.63	74.89	125.37	38.31	749.04
1989	Dry	59.64	77.97	100.04	113.47	28.60	23.52	34.28	42.57	69.21	135.65	93.96	106.20	885.11
1990	Critical	75.23	91.56	123.27	104.79	60.08	20.21	21.30	32.70	12.70	72.90	106.25	33.57	754.56
1991	Critical	76.50	77.28	87.74	23.58	53.17	29.94	30.92	40.12	38.88	83.94	105.26	46.29	693.62
1992	Critical	42.77	91.35	56.89	56.07	46.25	68.29	28.25	41.92	46.99	190.90	135.60	34.58	839.86
1993	Above Normal	37.44	73.60	102.29	100.75	129.74	121.37	35.34	49.36	113.95	146.69	134.30	114.40	1,159.23
1994	Critical	115.04	150.52	153.60	107.48	95.95	60.64	34.30	55.57	47.63	143.23	156.05	90.31	1,210.32
1995	Wet	62.02	126.46	115.56	102.89	112.79	160.03	50.03	79.38	134.89	153.59	127.96	114.05	1,339.65
1996	Wet	85.37	154.30	131.03	96.38	144.13	168.88	38.06	44.45	99.59	133.04	105.99	112.71	1,313.93
1997	Wet	117.25	188.60	171.64	181.67	166.15	139.78	36.78	45.10	99.33	118.60	103.16	113.72	1,481.78
1998	Wet	109.31	92.38	169.35	105.86	145.38	177.47	54.22	64.83	139.59	155.53	127.92	112.05	1,453.89
1999	Wet	130.60	159.28	159.49	154.40	151.56	164.11	30.06	37.31	80.36	119.18	109.25	112.63	1,408.23
2000	Above Normal	66.06	151.99	144.31	76.99	153.53	155.93	30.22	36.90	87.45	95.51	111.03	112.23	1,222.15
2001	Dry	76.70	169.07	150.55	128.59	91.86	88.58	28.91	31.84	55.17	164.22	74.51	74.04	1,134.04
2002	Dry	105.69	96.72	146.30	98.82	78.94	73.23	28.58	31.64	54.90	111.71	126.42	90.23	1,043.18
2003	Above Normal	109.47	131.50	128.52	84.03	104.11	102.40	29.77	35.36	74.71	119.19	111.41	84.79	1,115.26
	Average	99.40	129.69	138.65	113.87	101.30	92.00	36.59	52.78	79.29	131.33	122.44	98.95	1,196.28
	Wet	105.05	142.78	146.28	126.32	126.40	127.26	48.29	73.06	118.80	158.01	135.19	108.01	1,415.44
	Above Normal	94.45	132.24	132.39	107.69	107.39	115.33	35.36	49.43	96.06	134.50	135.26	103.22	1,243.32
	Below Normal	106.41	149.10	142.21	111.67	87.64	94.04	31.64	45.07	68.26	131.34	115.82	115.63	1,198.82
	Dry	94.49	109.90	144.35	116.28	89.86	58.89	31.20	42.84	54.53	126.80	115.55	97.24	1,081.93
	Critical	91.32	105.78	115.68	92.03	73.92	39.54	26.31	36.09	26.92	77.16	100.03	58.16	842.93

Difference in Energy Use (GWh) At Pumping Plant at System Total: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	(1.76)	(0.77)	(0.08)	(0.04)	(1.42)	0.12	(2.60)	0.18	(0.53)
1923	Below Normal	7.02	30.88	0.05	(2.39)	(2.90)	0.20	(0.09)	(0.20)	(0.58)	(0.28)	(10.04)	(0.49)	1.77
1924	Critical	(0.55)	(17.53)	(19.74)	(4.84)	(0.12)	0.36	0.36	0.59	0.82	1.75	15.72	0.52	(1.89)
1925	Dry	(0.86)	(1.84)	(0.85)	(1.14)	(0.86)	0.27	(0.76)	(1.56)	(4.59)	(8.90)	(1.82)	(2.15)	(2.09)
1926	Dry	0.52	1.51	0.38	0.83	0.68	0.64	0.64	2.07	1.55	11.45	6.49	1.68	2.37
1927	Wet	(0.01)	(0.04)	(0.23)	(0.54)	(1.37)	0.14	(0.18)	(0.35)	(0.47)	(0.53)	1.90	(0.58)	(0.19)
1928	Above Normal	0.88	(1.08)	0.04	0.16	0.12	(0.07)	0.03	0.02	0.03	(0.16)	0.04	0.39	0.03
1929	Critical	0.01	0.38	(0.01)	(0.01)	(0.01)	0.04	0.00	0.00	0.00	(0.04)	0.01	0.00	0.03
1930	Dry	0.01	0.02	0.00	0.00	0.01	(0.08)	0.06	0.12	0.17	1.31	0.42	(0.66)	0.12
1931	Critical	(0.05)	(0.07)	(0.09)	(0.13)	(0.17)	0.02	0.03	0.05	0.07	0.16	0.06	0.09	0.00
1932	Dry	(0.14)	(0.14)	(0.09)	(0.12)	1.52	0.00	0.00	0.01	0.00	0.01	0.04	(0.06)	0.09
1933	Critical	(0.40)	(0.43)	(0.13)	(0.18)	4.60	(0.01)	0.01	0.03	0.04	0.09	0.08	(0.01)	0.31
1934	Critical	(0.17)	0.10	0.59	0.04	0.04	0.01	0.01	0.01	0.04	0.08	0.03	(0.05)	0.06
1935	Below Normal	4.59	0.05	0.11	(0.02)	0.00	0.00	0.01	0.06	0.08	0.11	0.08	(0.01)	0.42
1936	Below Normal	0.07	(0.04)	0.04	(0.02)	4.74	1.70	(0.55)	0.09	0.16	0.46	0.23	(0.30)	0.55
1937	Below Normal	(0.59)	(1.07)	(1.35)	49.24	0.00	9.15	(4.72)	(11.24)	(8.47)	(0.20)	0.12	(0.61)	2.52
1938	Wet	(0.38)	(2.02)	39.36	33.73	(0.09)	28.58	(6.18)	(87.21)	0.66	(8.41)	(5.77)	(0.03)	(0.65)
1939	Dry	(3.12)	19.28	(5.46)	(0.80)	(1.03)	(0.05)	(0.60)	0.33	(2.39)	(2.02)	(23.44)	(2.99)	(1.86)
1940	Above Normal	11.97	0.32	0.36	0.76	0.91	(0.03)	0.43	0.95	1.34	1.49	8.49	14.21	3.43
1941	Wet	0.29	(3.98)	(0.62)	(0.50)	(1.32)	(1.90)	(0.23)	(3.00)	(1.35)	(0.68)	(0.44)	0.25	(1.12)
1942	Wet	0.29	1.35	0.06	0.01	(3.68)	(0.41)	0.02	0.01	(0.24)	(0.03)	(4.72)	0.01	(0.61)
1943	Wet	0.01	(0.36)	0.16	(0.20)	(6.72)	(5.09)	(2.12)	(0.09)	8.47	0.34	0.39	(0.26)	(0.46)
1944	Dry	(0.40)	16.44	(6.36)	(0.20)	(0.03)	0.12	(0.13)	(0.26)	(0.35)	(2.80)	(2.55)	(0.33)	0.26
1945	Below Normal	0.04	0.44	0.19	0.28	(28.91)	13.82	(0.35)	(0.68)	(0.92)	(1.09)	(0.81)	(1.45)	(1.62)
1946	Below Normal	(12.26)	(0.13)	(0.09)	(5.42)	0.03	0.27	(0.29)	(0.54)	(0.91)	(0.85)	(0.63)	1.48	(1.61)
1947	Dry	(2.29)	0.05	0.02	0.29	(0.22)	0.03	0.06	0.12	0.17	0.20	(0.47)	(0.70)	(0.23)
1948	Below Normal	0.16	(0.26)	(0.14)	(0.02)	0.09	0.00	(0.05)	(0.09)	(0.10)	0.09	0.02	(0.01)	(0.03)
1949	Dry	(0.16)	(0.02)	(0.02)	0.03	0.06	0.00	0.02	0.04	0.08	0.08	0.17	0.01	0.02
1950	Below Normal	(0.03)	(0.11)	(0.23)	(0.01)	(0.02)	0.00	(0.01)	(0.02)	0.00	(0.13)	(0.01)	0.01	(0.05)
1951	Above Normal	(0.04)	0.01	0.02	(0.22)	4.44	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.35
1952	Wet	(0.02)	0.00	0.00	(1.24)	(0.30)	(15.18)	(5.42)	(11.59)	0.41	0.59	0.63	0.05	(2.67)
1953	Wet	0.89	54.00	0.12	(17.06)	(0.62)	0.05	(0.36)	(0.77)	(1.05)	(1.23)	(0.92)	1.27	2.86
1954	Above Normal	(0.23)	(3.96)	0.74	0.27	0.61	0.10	0.05	0.12	0.20	0.28	0.11	(0.04)	(0.15)
1955	Dry	(0.02)	0.60	(0.10)	(0.15)	(0.18)	0.02	(0.02)	(0.03)	(0.08)	(0.07)	(0.36)	(1.47)	(0.16)
1956	Wet	(0.04)	0.19	(6.20)	(7.51)	3.32	17.53	0.00	0.00	0.00	0.01	0.00	0.00	0.61
1957	Above Normal	(0.04)	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.02	0.00
1958	Wet	0.04	0.01	0.00	(0.01)	0.00	8.13	(6.10)	(8.26)	(0.94)	(1.14)	(0.70)	0.57	(0.70)
1959	Below Normal	0.26	3.61	(0.28)	0.21	0.24	5.00	0.31	0.01	(0.09)	(0.16)	0.05	(0.59)	0.71
1960	Dry	(0.06)	0.25	(0.01)	0.09	0.09	0.02	0.00	(0.01)	0.01	0.02	(5.51)	0.06	(0.42)
1961	Dry	(0.02)	0.07	0.12	0.11	0.01	0.04	(0.01)	(0.02)	(0.02)	(0.03)	(0.06)	(0.04)	0.01
1962	Below Normal	0.00	0.05	0.00	(0.01)	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.02	0.01
1963	Wet	0.00	0.00	0.00	0.00	(3.23)	0.06	(0.08)	(0.17)	(0.24)	(0.28)	(0.19)	(0.74)	(0.41)
1964	Dry	0.56	0.04	(0.26)	0.13	0.17	(0.03)	0.03	0.05	0.09	0.07	0.13	(0.01)	0.08
1965	Wet	0.00	0.02	0.07	(5.62)	(10.93)	(0.31)	(0.14)	(1.10)	(1.57)	(1.83)	(3.42)	0.26	(2.05)
1966	Below Normal	0.16	(5.34)	0.27	(0.16)	0.57	(0.10)	0.17	(0.29)	(0.47)	(0.48)	(0.34)	(1.70)	(0.64)
1967	Wet	(0.62)	0.04	0.08	0.17	(2.95)	(2.04)	(6.01)	(9.32)	0.32	(5.91)	0.90	1.40	(2.00)
1968	Below Normal	(3.02)	82.61	(0.72)	(0.24)	0.06	(0.36)	0.06	0.07	0.06	0.10	0.18	(0.10)	6.56
1969	Wet	(3.12)	0.59	(1.02)	(21.87)	20.22	0.00	(21.26)	24.63	1.27	0.90	0.87	8.44	0.80
1970	Wet	(1.61)	(0.01)	0.08	1.64	(4.20)	0.27	0.00	0.00	0.00	0.14	0.00	(0.16)	(0.32)
1971	Wet	0.73	(1.13)	(0.05)	(0.04)	(0.03)	(0.05)	0.01	(0.01)	(0.02)	(0.03)	0.01	0.01	(0.05)
1972	Below Normal	0.10	(0.15)	0.02	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.02	0.00
1973	Above Normal	(0.03)	0.01	0.01	0.01	0.00	0.01	(0.01)	0.07	0.17	0.23	0.26	29.36	2.51
1974	Wet	(25.25)	(0.61)	(0.83)	(15.34)	(2.61)	42.69	0.01	(0.54)	(0.74)	(0.98)	(1.60)	0.09	(0.48)
1975	Wet	0.14	(4.29)	0.31	0.25	0.32	0.26	0.04	0.12	0.14	0.24	0.08	0.01	(0.20)
1976	Critical	0.10	1.05	(0.01)	(0.09)	(0.17)	(0.03)	(0.01)	(0.02)	(0.05)	2.30	(1.42)	0.01	0.14
1977	Critical	(1.55)	(0.13)	(0.08)	(0.04)	(0.21)	(0.01)	0.00	0.01	(0.02)	0.01	0.65	(0.01)	(0.11)
1978	Above Normal	(0.17)	0.90	(0.31)	0.01	(14.66)	(6.76)	(8.31)	(11.23)	(3.97)	(7.92)	(0.17)	(0.68)	(4.44)
1979	Below Normal	0.21	49.35	(1.01)	(1.63)	(0.43)	(5.57)	0.03	0.15	0.22	0.29	0.30	(0.03)	3.49
1980	Above Normal	(6.76)	5.83	0.66	(13.94)	48.57	(0.47)	(0.16)	(0.42)	(1.86)	44.24	3.80	16.25	7.98
1981	Dry	(13.36)	(57.79)	1.10	0.58	0.31	(17.97)	(0.40)	(0.75)	(1.18)	(1.04)	(2.48)	(2.54)	(7.96)
1982	Wet	0.00	(0.19)	0.11	0.26	(13.21)	20.70	0.00	(12.04)	0.16	0.29	0.34	0.04	(0.29)
1983	Wet	(39.96)	(19.78)	32.47	48.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.76
1984	Wet	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	(9.72)	12.95	(0.58)	(6.15)	(1.96)	0.18	(3.12)	0.04	(0.70)
1987	Dry	0.15	12.92	(0.61)	(0.31)	(0.21)	(0.09)	0.01	(0.02)	(0.09)	(1.25)	(1.00)	(0.09)	0.78
1988	Critical	(0.02)	(0.05)	(0.15)	0.02	(0.07)	(0.06)	(0.06)	(0.12)	(0.15)	(1.45)	(0.13)	0.10	(0.18)
1989	Dry	0.03	0.01	(0.03)	0.06	0.06	0.00	0.06	(0.03)	(0.04)	(0.04)	1.37	(0.07)	0.12
1990	Critical	(0.01)	(0.09)	(0.14)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01	0.08	0.01	(0.01)
1991	Critical	(0.02)	0.03	(0.10)	0.00	(0.03)	0.01	(0.01)	(0.03)	(0.03)	(1.63)	1.55	(0.07)	(0.03)
1992	Critical	(0.02)	0.07	0.03	(0.39)	(0.02)	(0.05)	(0.01)	(0.02)	0.02	(0.26)	(0.01)	(0.08)	(0.06)
1993	Above Normal	0.01	(0.06)	(0.03)	(0.08)	(1.27)	(0.73)	(0.06)	(0.13)	(0.16)	(0.22)	(0.12)	(0.01)	(0.24)
1994	Critical	(0.02)	(0.72)	(0.01)	0.04	0.08	(0.02)	0.01	0.03	0.05	0.09	0.07	0.04	(0.03)
1995	Wet	0.05	0.03	(0.02)	(0.06)	(7.03)	(13.83)	(4.55)	(54.94)	(1.63)	(1.93)	(0.76)	(0.48)	(7.10)
1996	Wet	1.56	52.36	(8.12)	0.51	(2.52)	(1.27)	0.23	0.34	0.55	0.62	(5.29)	(0.02)	3.25
1997	Wet	0.40	1.38	(4.02)	(0.04)	(0.13)	10.28	(0.15)	(0.48)	(0.16)	(12.97)	(5.23)	0.54	(0.88)
1998	Wet	20.05	(22.87)	0.11	0.11	(10.06)	(1.87)	(2.74)	(5.75)	(1.38)	(1.75)	(1.35)	0.40	(2.26)
1999	Wet	0.49	0.05	0.19	0.57	7.64	0.00	0.11	0.16	0.29	0.33	0.17	(0.63)	0.78
2000	Above Normal	2.39	(1.80)	0.18	(0.09)	(0.26)	(0.19)	(0.01)	(0.01)	(0.03)	0.01	0.03	(0.07)	0.01
2001	Dry	(0.18)	(0.53)	3.72	(0.12)	(0.02)	(0.03)	0.02	0.03	0.05	(0.85)	(0.80)	0.03	0.11
2002	Dry	(0.07)	(0.18)	(0.07)	(0.06)	(0.09)	(0.02)	0.01	0.00	0.00	0.00	0.00	(0.86)	(0.11)
2003	Above Normal	0.02	0.11	0.05	0.01	0.01	0.01	(0.02)	(0.03)	(0.06)	(0.06)	(0.03)	0.18	0.02
	Average	(0.77)	2.30	0.27	0.44	(0.42)	1.20	(0.85)	(2.43)	(0.27)	(0.01)	(0.52)	0.69	(0.03)
	Wet	(1.77)	2.11	2.00	0.60	(1.88)	3.83	(2.14)	(6.79)	0.02	(1.31)	(1.09)	0.40	(0.50)
	Above Normal	0.67	0.03	0.15	(1.09)	3.06	(0.74)	(0.68)	(0.89)	(0.48)	3.17	0.82	4.98	0.75
	Below Normal	(0.24)	11.42	(0.22)	2.85	(1.89)	1.72	(0.39)	(0.91)	(0.79)	(0.15)	(0.78)	(0.27)	0.86
	Dry	(1.08)	(0.52)	(0.47)	(0.04)	0.02	(0.95)	(0.06)	0.01	(0.37)	(0.21)	(1.66)	(0.57)	(0.49)
	Critical	(0.22)	(1.45)	(1.65)	(0.47)	0.33	0.02	0.03	0.04	0.07	0.09	1.39	0.05	(0.15)

Percent Difference in Energy Use (GWh) At Pumping Plant at System Total: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	-2%	0%	0%	0%	-1%	0%	-2%	0%
1923	Below Normal	6%	18%	0%	-2%	-2%	0%	0%	0%	-1%	0%	-9%	0%
1924	Critical	0%	-12%	-15%	-4%	0%	2%	1%	2%	3%	4%	38%	1%
1925	Dry	-1%	-6%	-1%	-1%	-1%	0%	-2%	-3%	-6%	-7%	-1%	-3%
1926	Dry	1%	1%	0%	1%	2%	3%	2%	6%	2%	12%	7%	2%
1927	Wet	0%	0%	0%	-1%	-1%	0%	-1%	-1%	-1%	0%	2%	-1%
1928	Above Normal	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	-1%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	9%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	9%	3%	-2%	0%	0%	0%	0%	0%
1937	Below Normal	-1%	-1%	-1%	58%	0%	33%	-12%	-20%	-17%	0%	0%	-1%
1938	Wet	0%	-1%	28%	115%	0%	45%	-8%	-43%	0%	-5%	-4%	0%
1939	Dry	-3%	38%	-3%	-1%	-1%	0%	-2%	1%	-6%	-2%	-20%	-3%
1940	Above Normal	15%	0%	1%	1%	1%	0%	1%	2%	2%	1%	7%	18%
1941	Wet	0%	-4%	0%	0%	-1%	-1%	0%	-4%	-1%	0%	0%	0%
1942	Wet	0%	1%	0%	0%	-2%	0%	0%	0%	0%	0%	-3%	0%
1943	Wet	0%	0%	0%	0%	-5%	-3%	-4%	0%	7%	0%	0%	0%
1944	Dry	0%	11%	-5%	0%	0%	0%	0%	-1%	-1%	-2%	-3%	0%
1945	Below Normal	0%	0%	0%	0%	-19%	9%	-1%	-1%	-1%	-1%	-1%	-1%
1946	Below Normal	-9%	0%	0%	-3%	0%	0%	-1%	-1%	-1%	-1%	0%	1%
1947	Dry	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	13%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-1%	0%	-10%	-10%	-11%	0%	0%	0%	0%
1953	Wet	1%	29%	0%	-16%	-1%	0%	-1%	-2%	-2%	-1%	-1%	1%
1954	Above Normal	0%	-3%	1%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1956	Wet	0%	0%	-4%	-4%	2%	30%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	6%	-8%	-9%	-1%	-1%	0%	1%
1959	Below Normal	0%	2%	0%	0%	0%	5%	1%	0%	0%	0%	0%	-1%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-6%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%	-1%
1964	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	-3%	-7%	0%	0%	-2%	-2%	-1%	-3%	0%
1966	Below Normal	0%	-3%	0%	0%	0%	0%	1%	-1%	-1%	0%	0%	-2%
1967	Wet	-1%	0%	0%	0%	-3%	-1%	-9%	-9%	0%	-3%	1%	1%
1968	Below Normal	-3%	63%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	-2%	0%	-1%	-12%	12%	0%	-22%	13%	1%	0%	1%	9%
1970	Wet	-1%	0%	0%	1%	-4%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	51%
1974	Wet	-19%	0%	-1%	-9%	-2%	40%	0%	-1%	-1%	-1%	-1%	0%
1975	Wet	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	1%	0%	0%	0%	0%	0%	0%	0%	3%	-4%	0%
1977	Critical	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1978	Above Normal	0%	2%	0%	0%	-9%	-4%	-14%	-13%	-3%	-5%	0%	-1%
1979	Below Normal	0%	31%	-1%	-1%	0%	-3%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-5%	7%	0%	-8%	30%	-1%	0%	-1%	-1%	27%	2%	25%
1981	Dry	-12%	-33%	1%	1%	0%	-22%	-1%	-2%	-2%	-1%	-2%	-2%
1982	Wet	0%	0%	0%	0%	-8%	18%	0%	-11%	0%	0%	0%	0%
1983	Wet	-24%	-7%	12%	72%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-6%	10%	-1%	-8%	-2%	0%	-2%	0%
1987	Dry	0%	34%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-2%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	1%	0%
1992	Critical	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	-6%	-8%	-8%	-41%	-1%	-1%	-1%	0%
1996	Wet	2%	51%	-6%	1%	-2%	-1%	1%	1%	1%	0%	-5%	0%
1997	Wet	0%	1%	-2%	0%	0%	8%	0%	-1%	0%	-10%	-5%	0%
1998	Wet	22%	-20%	0%	0%	-6%	-1%	-5%	-8%	-1%	-1%	-1%	0%
1999	Wet	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%	0%	-1%
2000	Above Normal	4%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	3%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	2%	0%	2%	0%	2%	-1%	-2%	0%	0%	0%	1%
	Wet	-1%	2%	1%	5%	-1%	5%	-3%	-5%	0%	-1%	-1%	0%
	Above Normal	1%	0%	0%	-1%	3%	0%	-1%	-1%	0%	2%	1%	8%
	Below Normal	0%	8%	0%	4%	-1%	3%	-1%	-2%	-1%	0%	-1%	0%
	Dry	-1%	2%	0%	0%	0%	-1%	0%	0%	-1%	0%	-1%	-1%
	Critical	0%	-1%	-1%	0%	1%	0%	0%	0%	0%	0%	3%	0%

Energy Use (GWh) At Pumping Plant at Tehama Other: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.09	0.00	0.00	0.00	0.00	0.01	0.85	2.04	2.53	2.87	2.30	0.51	11.20
1923	Below Normal	0.19	0.00	0.00	0.00	0.00	0.22	0.00	1.40	1.65	1.94	1.56	0.00	6.96
1924	Critical	0.34	0.01	0.00	0.00	0.00	0.11	0.42	0.58	0.77	0.99	1.28	0.35	4.85
1925	Dry	0.14	0.00	0.00	0.00	0.00	0.00	0.28	0.36	1.37	1.72	1.38	0.00	5.25
1926	Dry	0.38	0.00	0.00	0.00	0.00	0.03	0.08	0.02	0.70	0.71	0.56	0.00	2.48
1927	Wet	0.18	0.00	0.00	0.00	0.00	0.01	0.53	2.03	2.33	2.92	2.35	0.53	10.88
1928	Above Normal	0.16	0.00	0.00	0.00	0.00	0.00	0.50	0.86	1.60	1.83	1.47	0.15	6.57
1929	Critical	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37
1930	Dry	0.14	0.04	0.00	0.00	0.00	0.00	0.19	0.12	0.83	0.85	0.69	0.27	3.13
1931	Critical	0.24	0.04	0.00	0.00	0.00	0.14	0.38	0.49	0.68	0.94	1.24	0.31	4.46
1932	Dry	0.19	0.04	0.00	0.00	0.00	0.01	0.09	0.27	0.94	1.23	1.47	0.19	4.43
1933	Critical	0.24	0.05	0.00	0.00	0.00	0.08	0.30	0.43	0.61	0.81	1.14	0.29	3.95
1934	Critical	0.17	0.05	0.00	0.00	0.00	0.01	0.38	0.61	0.82	1.06	1.34	0.37	4.81
1935	Below Normal	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.86	0.97	0.78	0.00	2.95
1936	Below Normal	0.22	0.00	0.00	0.00	0.00	0.00	0.44	0.47	1.03	1.40	1.13	0.01	4.70
1937	Below Normal	0.32	0.02	0.00	0.00	0.00	0.00	0.00	0.35	0.86	1.06	0.85	0.01	3.47
1938	Wet	0.19	0.00	0.00	0.00	0.00	0.00	0.01	1.35	2.64	2.98	2.39	0.37	9.93
1939	Dry	0.33	0.01	0.00	0.00	0.24	0.31	0.77	0.63	0.86	0.89	0.72	0.26	5.02
1940	Above Normal	0.22	0.01	0.00	0.00	0.00	0.00	0.76	1.11	2.56	2.92	2.34	0.51	10.43
1941	Wet	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.80	2.50	2.98	2.39	0.55	9.43
1942	Wet	0.22	0.00	0.00	0.00	0.00	0.00	0.00	1.07	2.60	2.98	2.39	0.53	9.79
1943	Wet	0.48	0.00	0.00	0.00	0.00	0.00	0.01	1.70	2.26	2.56	2.07	0.41	9.49
1944	Dry	0.44	0.01	0.00	0.00	0.00	0.01	0.33	0.10	0.69	0.81	0.65	0.29	3.33
1945	Below Normal	0.21	0.00	0.00	0.00	0.00	0.00	0.01	0.83	1.63	2.10	1.69	0.24	6.71
1946	Below Normal	0.15	0.00	0.00	0.00	0.00	0.05	1.10	1.86	2.23	2.48	2.02	0.86	10.75
1947	Dry	0.45	0.00	0.00	0.00	0.00	0.00	0.71	0.95	1.08	1.38	1.10	0.49	6.16
1948	Below Normal	0.15	0.00	0.00	0.00	0.04	0.05	0.13	0.95	2.01	2.98	2.39	0.46	9.16
1949	Dry	0.32	0.06	0.00	0.00	0.00	0.00	0.02	1.03	2.12	2.32	1.86	0.31	8.04
1950	Below Normal	0.46	0.00	0.00	0.00	0.00	0.01	0.00	0.41	0.92	1.05	0.85	0.00	3.70
1951	Above Normal	0.16	0.00	0.00	0.00	0.00	0.06	0.83	1.26	2.53	2.87	2.31	0.51	10.53
1952	Wet	0.15	0.00	0.00	0.00	0.00	0.00	0.18	1.60	2.35	2.89	2.35	0.53	10.05
1953	Wet	0.54	0.00	0.00	0.00	0.00	0.13	0.34	1.94	2.43	2.92	2.11	0.53	10.94
1954	Above Normal	0.45	0.00	0.00	0.00	0.00	0.00	0.01	1.84	2.58	2.98	2.18	0.55	10.59
1955	Dry	0.50	0.00	0.00	0.00	0.00	0.11	0.00	0.95	1.14	1.29	1.04	0.40	5.43
1956	Wet	0.27	0.00	0.00	0.00	0.00	0.13	0.55	1.73	2.43	2.92	2.34	0.40	10.77
1957	Above Normal	0.34	0.07	0.00	0.00	0.00	0.17	0.38	1.36	1.90	2.16	1.73	0.34	8.45
1958	Wet	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.90	2.42	2.88	2.36	0.53	9.24
1959	Below Normal	0.49	0.07	0.00	0.00	0.00	0.06	0.58	1.26	1.92	2.09	1.63	0.34	8.44
1960	Dry	0.43	0.07	0.00	0.00	0.00	0.00	0.00	0.33	1.08	1.14	0.92	0.01	3.98
1961	Dry	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.81	1.45	1.77	1.39	0.06	5.76
1962	Below Normal	0.37	0.04	0.00	0.00	0.00	0.00	0.44	1.46	2.16	2.57	2.06	0.37	9.47
1963	Wet	0.14	0.00	0.00	0.00	0.00	0.00	0.00	1.06	2.57	2.98	2.39	0.54	9.68
1964	Dry	0.24	0.00	0.00	0.00	0.00	0.14	0.93	0.96	1.01	1.22	0.98	0.38	5.86
1965	Wet	0.17	0.00	0.00	0.00	0.00	0.10	0.00	1.32	2.15	2.45	1.67	0.37	8.23
1966	Below Normal	0.48	0.00	0.00	0.00	0.00	0.08	1.59	1.50	2.19	2.43	1.96	0.35	10.58
1967	Wet	0.48	0.00	0.00	0.00	0.00	0.00	0.01	1.26	1.97	2.97	2.39	0.53	9.61
1968	Below Normal	0.50	0.04	0.00	0.00	0.00	0.00	0.21	1.19	1.79	2.29	1.65	0.31	7.98
1969	Wet	0.32	0.00	0.00	0.00	0.00	0.00	0.37	1.72	2.47	2.89	2.33	0.51	10.61
1970	Wet	0.31	0.01	0.00	0.00	0.00	0.00	0.26	1.17	1.71	2.08	1.67	0.23	7.44
1971	Wet	0.30	0.00	0.00	0.00	0.00	0.14	1.05	1.57	2.25	2.58	2.06	0.41	10.36
1972	Below Normal	0.45	0.00	0.00	0.00	0.01	0.53	0.29	0.70	1.24	1.46	1.17	0.00	5.85
1973	Above Normal	0.15	0.00	0.00	0.00	0.00	0.00	0.31	1.64	2.65	2.92	2.34	0.49	10.50
1974	Wet	0.20	0.00	0.00	0.00	0.00	0.00	0.01	1.96	2.60	2.57	2.39	0.55	10.28
1975	Wet	0.29	0.01	0.00	0.00	0.00	0.00	0.04	2.01	2.60	2.85	2.32	0.53	10.65
1976	Critical	0.17	0.01	0.00	0.00	0.25	0.18	0.23	0.27	0.32	0.34	0.25	0.11	2.13
1977	Critical	0.18	0.00	0.00	0.00	0.01	0.15	0.36	0.41	0.65	0.86	1.18	0.23	4.03
1978	Above Normal	0.18	0.04	0.00	0.00	0.00	0.00	0.05	1.77	2.64	2.98	2.39	0.32	10.37
1979	Below Normal	0.56	0.00	0.00	0.00	0.00	0.00	0.63	0.89	1.71	1.85	1.49	0.11	7.24
1980	Above Normal	0.18	0.00	0.00	0.00	0.00	0.00	0.14	1.34	2.31	2.71	2.21	0.46	9.35
1981	Dry	0.48	0.02	0.00	0.00	0.00	0.00	0.01	1.14	2.28	2.49	2.00	0.29	8.71
1982	Wet	0.17	0.00	0.00	0.00	0.00	0.00	0.01	1.32	2.29	2.98	2.39	0.10	9.26
1983	Wet	0.14	0.00	0.00	0.00	0.00	0.00	0.00	1.14	2.45	2.98	2.33	0.40	9.44
1984	Wet	0.44	0.00	0.00	0.00	0.00	0.11	0.95	1.67	2.28	2.62	1.97	0.41	10.45
1985	Dry	0.25	0.00	0.00	0.00	0.00	0.00	0.38	1.66	2.05	2.27	1.80	0.57	8.98
1986	Wet	0.39	0.00	0.00	0.00	0.00	0.00	0.57	1.02	1.87	2.11	1.70	0.09	7.75
1987	Dry	0.42	0.02	0.00	0.00	0.00	0.00	0.45	0.58	0.73	0.74	0.60	0.26	3.80
1988	Critical	0.20	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.02	0.02	0.01	0.29
1989	Dry	0.15	0.04	0.00	0.00	0.00	0.00	0.54	0.44	0.90	1.08	0.86	0.25	4.26
1990	Critical	0.18	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.28
1991	Critical	0.14	0.04	0.00	0.00	0.00	0.00	0.24	0.65	0.93	1.22	1.46	0.24	4.92
1992	Critical	0.22	0.05	0.00	0.00	0.00	0.00	0.35	0.49	1.11	1.49	1.69	0.09	5.49
1993	Above Normal	0.16	0.05	0.00	0.00	0.00	0.00	0.17	1.27	1.94	2.69	2.17	0.45	8.90
1994	Critical	0.36	0.04	0.00	0.00	0.00	0.07	1.28	1.37	2.21	2.63	2.60	0.84	11.40
1995	Wet	0.31	0.00	0.00	0.00	0.00	0.00	0.04	0.96	2.31	2.98	2.39	0.55	9.54
1996	Wet	0.56	0.08	0.00	0.00	0.00	0.00	0.74	0.76	2.52	2.98	2.39	0.53	10.56
1997	Wet	0.23	0.04	0.00	0.00	0.00	0.14	0.84	1.69	1.94	2.27	1.70	0.26	9.11
1998	Wet	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.20	2.33	2.98	2.39	0.44	8.71
1999	Wet	0.32	0.04	0.00	0.00	0.00	0.00	0.30	1.90	2.35	2.92	2.34	0.53	10.70
2000	Above Normal	0.50	0.04	0.00	0.00	0.00	0.00	0.03	1.37	2.36	2.98	2.39	0.45	10.12
2001	Dry	0.15	0.05	0.00	0.00	0.00	0.00	0.00	0.44	1.01	1.20	0.96	0.01	3.82
2002	Dry	0.24	0.04	0.00	0.00	0.00	0.11	0.85	1.05	1.95	2.22	1.78	0.78	9.02
2003	Above Normal	0.45	0.04	0.00	0.00	0.00	0.00	0.26	0.95	2.55	2.97	2.06	0.55	9.83
	Average	0.29	0.02	0.00	0.00	0.01	0.04	0.32	1.02	1.72	2.04	1.68	0.33	7.47
	Wet	0.29	0.01	0.00	0.00	0.00	0.03	0.26	1.38	2.33	2.78	2.21	0.44	9.73
	Above Normal	0.25	0.02	0.00	0.00	0.00	0.02	0.36	1.40	2.35	2.74	2.16	0.44	9.74
	Below Normal	0.34	0.01	0.00	0.00	0.00	0.07	0.39	0.96	1.59	1.91	1.52	0.22	7.00
	Dry	0.31	0.02	0.00	0.00	0.01	0.04	0.31	0.66	1.23	1.41	1.15	0.27	5.41
	Critical	0.23	0.03	0.00	0.00	0.02	0.06	0.33	0.44	0.68	0.86	1.02	0.24	3.92

Energy Use (GWh) At Pumping Plant at Tehama Other: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.09	0.00	0.00	0.00	0.00	0.01	0.85	2.04	2.53	2.87	2.30	0.51	11.20
1923	Below Normal	0.19	0.00	0.00	0.00	0.00	0.21	0.00	1.34	1.59	1.86	1.49	0.00	6.68
1924	Critical	0.33	0.01	0.00	0.00	0.00	0.12	0.44	0.61	0.79	1.02	1.30	0.36	4.98
1925	Dry	0.14	0.00	0.00	0.00	0.00	0.00	0.28	0.37	1.39	1.75	1.40	0.01	5.34
1926	Dry	0.38	0.00	0.00	0.00	0.00	0.03	0.10	0.08	0.79	0.81	0.64	0.00	2.83
1927	Wet	0.18	0.00	0.00	0.00	0.00	0.01	0.53	2.03	2.33	2.92	2.35	0.53	10.88
1928	Above Normal	0.16	0.00	0.00	0.00	0.00	0.00	0.51	0.88	1.64	1.87	1.50	0.16	6.72
1929	Critical	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38
1930	Dry	0.14	0.04	0.00	0.00	0.00	0.00	0.19	0.13	0.84	0.87	0.70	0.00	2.91
1931	Critical	0.24	0.04	0.00	0.00	0.00	0.14	0.38	0.49	0.68	0.94	1.24	0.31	4.46
1932	Dry	0.19	0.04	0.00	0.00	0.00	0.01	0.09	0.27	0.94	1.23	1.47	0.19	4.43
1933	Critical	0.24	0.05	0.00	0.00	0.00	0.08	0.30	0.43	0.61	0.82	1.14	0.29	3.96
1934	Critical	0.17	0.05	0.00	0.00	0.00	0.01	0.38	0.61	0.82	1.07	1.34	0.37	4.82
1935	Below Normal	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.87	0.98	0.79	0.00	2.98
1936	Below Normal	0.22	0.00	0.00	0.00	0.00	0.00	0.44	0.47	1.03	1.40	1.13	0.01	4.70
1937	Below Normal	0.32	0.02	0.00	0.00	0.00	0.00	0.00	0.34	0.86	1.05	0.84	0.01	3.44
1938	Wet	0.19	0.00	0.00	0.00	0.00	0.00	0.01	1.35	2.64	2.98	2.39	0.37	9.93
1939	Dry	0.33	0.01	0.00	0.00	0.24	0.28	0.67	0.56	0.76	0.78	0.63	0.23	4.49
1940	Above Normal	0.21	0.01	0.00	0.00	0.00	0.00	0.77	1.12	2.57	2.93	2.36	0.52	10.49
1941	Wet	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.80	2.50	2.98	2.39	0.55	9.44
1942	Wet	0.22	0.00	0.00	0.00	0.00	0.00	0.00	1.07	2.60	2.98	2.39	0.53	9.79
1943	Wet	0.48	0.00	0.00	0.00	0.00	0.00	0.01	1.69	2.24	2.55	2.06	0.40	9.43
1944	Dry	0.43	0.01	0.00	0.00	0.00	0.01	0.32	0.08	0.67	0.78	0.63	0.28	3.21
1945	Below Normal	0.20	0.00	0.00	0.00	0.00	0.00	0.01	0.78	1.58	2.03	1.63	0.22	6.45
1946	Below Normal	0.15	0.00	0.00	0.00	0.00	0.05	1.07	1.84	2.20	2.45	2.00	0.85	10.61
1947	Dry	0.44	0.00	0.00	0.00	0.00	0.00	0.72	0.96	1.09	1.39	1.11	0.49	6.20
1948	Below Normal	0.15	0.00	0.00	0.00	0.04	0.05	0.13	0.95	2.01	2.98	2.39	0.46	9.16
1949	Dry	0.32	0.06	0.00	0.00	0.00	0.00	0.02	1.03	2.12	2.32	1.86	0.31	8.04
1950	Below Normal	0.46	0.00	0.00	0.00	0.00	0.01	0.00	0.41	0.92	1.05	0.84	0.00	3.69
1951	Above Normal	0.16	0.00	0.00	0.00	0.00	0.06	0.83	1.26	2.53	2.87	2.31	0.51	10.53
1952	Wet	0.15	0.00	0.00	0.00	0.00	0.00	0.18	1.60	2.35	2.89	2.35	0.53	10.05
1953	Wet	0.54	0.00	0.00	0.00	0.00	0.12	0.34	1.94	2.43	2.92	2.11	0.53	10.93
1954	Above Normal	0.45	0.00	0.00	0.00	0.00	0.00	0.01	1.84	2.58	2.98	2.18	0.55	10.59
1955	Dry	0.50	0.00	0.00	0.00	0.00	0.11	0.00	0.95	1.14	1.29	1.03	0.39	5.41
1956	Wet	0.27	0.00	0.00	0.00	0.00	0.13	0.55	1.73	2.43	2.92	2.34	0.40	10.77
1957	Above Normal	0.34	0.07	0.00	0.00	0.00	0.17	0.38	1.36	1.90	2.16	1.73	0.34	8.45
1958	Wet	0.14	0.01	0.00	0.00	0.00	0.00	0.00	0.90	2.42	2.88	2.36	0.53	9.24
1959	Below Normal	0.49	0.07	0.00	0.00	0.00	0.06	0.59	1.26	1.93	2.10	1.64	0.34	8.48
1960	Dry	0.43	0.07	0.00	0.00	0.00	0.00	0.00	0.33	1.08	1.14	0.92	0.01	3.98
1961	Dry	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.81	1.45	1.76	1.39	0.06	5.75
1962	Below Normal	0.37	0.04	0.00	0.00	0.00	0.00	0.44	1.46	2.16	2.57	2.06	0.37	9.47
1963	Wet	0.14	0.00	0.00	0.00	0.00	0.00	0.00	1.06	2.57	2.98	2.39	0.54	9.68
1964	Dry	0.24	0.00	0.00	0.00	0.00	0.14	0.93	0.96	1.01	1.22	0.98	0.38	5.86
1965	Wet	0.17	0.00	0.00	0.00	0.00	0.10	0.00	1.29	2.11	2.41	1.64	0.35	8.07
1966	Below Normal	0.48	0.00	0.00	0.00	0.00	0.08	1.61	1.52	2.22	2.46	1.99	0.36	10.72
1967	Wet	0.49	0.00	0.00	0.00	0.00	0.00	0.01	1.26	1.97	2.97	2.39	0.53	9.62
1968	Below Normal	0.50	0.04	0.00	0.00	0.00	0.00	0.21	1.19	1.79	2.29	1.65	0.31	7.98
1969	Wet	0.31	0.00	0.00	0.00	0.00	0.00	0.37	1.72	2.47	2.89	2.33	0.51	10.60
1970	Wet	0.31	0.01	0.00	0.00	0.00	0.00	0.26	1.17	1.71	2.08	1.67	0.23	7.44
1971	Wet	0.30	0.00	0.00	0.00	0.00	0.14	1.05	1.57	2.25	2.57	2.06	0.41	10.35
1972	Below Normal	0.45	0.00	0.00	0.00	0.01	0.53	0.29	0.70	1.24	1.46	1.17	0.00	5.85
1973	Above Normal	0.15	0.00	0.00	0.00	0.00	0.00	0.31	1.64	2.65	2.92	2.34	0.49	10.50
1974	Wet	0.20	0.00	0.00	0.00	0.00	0.00	0.01	1.96	2.60	2.57	2.39	0.55	10.28
1975	Wet	0.29	0.01	0.00	0.00	0.00	0.00	0.04	2.01	2.60	2.85	2.32	0.53	10.65
1976	Critical	0.17	0.01	0.00	0.00	0.25	0.18	0.23	0.27	0.32	0.34	0.25	0.10	2.12
1977	Critical	0.18	0.00	0.00	0.00	0.01	0.15	0.36	0.41	0.65	0.86	1.18	0.23	4.03
1978	Above Normal	0.18	0.04	0.00	0.00	0.00	0.00	0.05	1.77	2.64	2.98	2.39	0.32	10.37
1979	Below Normal	0.56	0.00	0.00	0.00	0.00	0.00	0.59	0.81	1.62	1.74	1.40	0.07	6.79
1980	Above Normal	0.18	0.00	0.00	0.00	0.00	0.00	0.12	1.32	2.28	2.68	2.18	0.45	9.21
1981	Dry	0.48	0.02	0.00	0.00	0.00	0.00	0.01	1.14	2.28	2.49	2.00	0.29	8.71
1982	Wet	0.17	0.00	0.00	0.00	0.00	0.00	0.01	1.32	2.29	2.98	2.39	0.10	9.26
1983	Wet	0.14	0.00	0.00	0.00	0.00	0.00	0.00	1.14	2.45	2.98	2.33	0.40	9.44
1984	Wet	0.44	0.00	0.00	0.00	0.00	0.11	0.95	1.67	2.28	2.62	1.97	0.41	10.45
1985	Dry	0.25	0.00	0.00	0.00	0.00	0.00	0.38	1.66	2.05	2.27	1.80	0.57	8.98
1986	Wet	0.39	0.00	0.00	0.00	0.00	0.00	0.57	1.02	1.87	2.11	1.70	0.09	7.75
1987	Dry	0.42	0.02	0.00	0.00	0.00	0.00	0.44	0.57	0.73	0.74	0.59	0.26	3.77
1988	Critical	0.20	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.25
1989	Dry	0.15	0.04	0.00	0.00	0.00	0.00	0.54	0.44	0.90	1.08	0.86	0.25	4.26
1990	Critical	0.18	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.28
1991	Critical	0.14	0.04	0.00	0.00	0.00	0.00	0.24	0.64	0.93	1.21	1.46	0.23	4.89
1992	Critical	0.22	0.05	0.00	0.00	0.00	0.00	0.35	0.49	1.11	1.49	1.69	0.09	5.49
1993	Above Normal	0.16	0.05	0.00	0.00	0.00	0.00	0.17	1.26	1.94	2.68	2.15	0.44	8.85
1994	Critical	0.36	0.04	0.00	0.00	0.00	0.07	1.28	1.37	2.21	2.62	2.60	0.84	11.39
1995	Wet	0.31	0.00	0.00	0.00	0.00	0.00	0.04	0.96	2.31	2.98	2.39	0.55	9.54
1996	Wet	0.56	0.08	0.00	0.00	0.00	0.00	0.74	0.76	2.52	2.98	2.39	0.53	10.56
1997	Wet	0.23	0.04	0.00	0.00	0.00	0.14	0.83	1.67	1.92	2.25	1.68	0.25	9.01
1998	Wet	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.20	2.33	2.98	2.39	0.44	8.71
1999	Wet	0.32	0.04	0.00	0.00	0.00	0.00	0.30	1.90	2.35	2.92	2.34	0.53	10.70
2000	Above Normal	0.50	0.04	0.00	0.00	0.00	0.00	0.03	1.37	2.36	2.98	2.39	0.45	10.12
2001	Dry	0.15	0.05	0.00	0.00	0.00	0.00	0.00	0.45	1.01	1.20	0.97	0.01	3.84
2002	Dry	0.24	0.04	0.00	0.00	0.00	0.11	0.85	1.05	1.96	2.22	1.78	0.78	9.03
2003	Above Normal	0.45	0.04	0.00	0.00	0.00	0.00	0.26	0.95	2.55	2.97	2.06	0.55	9.83
	Average	0.29	0.02	0.00	0.00	0.01	0.04	0.32	1.01	1.72	2.04	1.68	0.33	7.45
	Wet	0.29	0.01	0.00	0.00	0.00	0.03	0.26	1.38	2.33	2.77	2.21	0.44	9.71
	Above Normal	0.25	0.02	0.00	0.00	0.00	0.02	0.36	1.40	2.35	2.74	2.16	0.44	9.74
	Below Normal	0.34	0.01	0.00	0.00	0.00	0.07	0.38	0.94	1.57	1.89	1.50	0.21	6.93
	Dry	0.31	0.02	0.00	0.00	0.01	0.04	0.31	0.66	1.23	1.41	1.15	0.25	5.39
	Critical	0.23	0.03	0.00	0.00	0.02	0.06	0.33	0.44	0.68	0.87	1.02	0.24	3.92

Difference in Energy Use (GWh) At Pumping Plant at Tehama Other: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.06)	(0.06)	(0.08)	(0.07)	0.00	(0.02)
1924	Critical	(0.01)	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.02	0.03	0.02	0.01	0.01
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.02	0.01	0.01
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.06	0.09	0.10	0.08	0.00	0.03
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.04	0.04	0.03	0.01	0.01
1929	Critical	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.01	(0.27)	(0.02)
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.10)	(0.07)	(0.10)	(0.11)	(0.09)	(0.03)	(0.04)
1940	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.01	0.01
1941	Wet	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.01)	(0.01)	(0.01)	0.00
1944	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.02)	(0.03)	(0.02)	(0.01)	(0.01)
1945	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	(0.05)	(0.07)	(0.06)	(0.02)	(0.02)
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.02)	(0.03)	(0.03)	(0.02)	(0.01)	(0.01)
1947	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.04)	(0.04)	(0.03)	(0.02)	(0.01)
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.03	0.03	0.03	0.01	0.01
1967	Wet	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	(0.08)	(0.09)	(0.11)	(0.09)	(0.04)	(0.04)
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.01)	(0.01)
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	(0.01)	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00	(0.01)	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.02)	(0.01)	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	(0.00)	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.01)	(0.00)
	Wet	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
	Above Normal	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	(0.00)	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.01)	(0.01)	(0.02)	(0.02)	(0.00)	(0.01)
	Dry	(0.00)	0.00	0.00	0.00	0.00	(0.00)	(0.01)	0.00	0.00	0.00	0.00	(0.02)	(0.00)
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at Tehama Other: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	-5%	0%	-4%	-4%	-4%	-4%	0%
1924	Critical	-3%	0%	0%	0%	0%	9%	5%	5%	3%	3%	2%	3%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	3%	1%	2%	1%	-
1926	Dry	0%	0%	0%	0%	0%	0%	25%	300%	13%	14%	14%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	2%	2%	2%	2%	2%	7%
1929	Critical	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	8%	1%	2%	1%	-100%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	-3%	0%	-1%	-1%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	-10%	-13%	-11%	-12%	-12%	-13%	-12%
1940	Above Normal	-5%	0%	0%	0%	0%	0%	1%	1%	0%	0%	1%	2%
1941	Wet	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	-2%
1944	Dry	-2%	0%	0%	0%	0%	0%	-3%	-20%	-3%	-4%	-3%	-3%
1945	Below Normal	-5%	0%	0%	0%	0%	0%	0%	-6%	-3%	-3%	-4%	-8%
1946	Below Normal	0%	0%	0%	0%	0%	0%	-3%	-1%	-1%	-1%	-1%	-1%
1947	Dry	-2%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	-8%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-3%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	2%	0%	1%	0%	1%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	-2%	-2%	-2%	-2%	-5%
1966	Below Normal	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	2%	3%
1967	Wet	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-9%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	-6%	-9%	-5%	-6%	-6%	-36%
1980	Above Normal	0%	0%	0%	0%	0%	0%	-14%	-1%	-1%	-1%	-1%	-2%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-2%	-2%	0%	0%	-2%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-50%	-50%	-50%	-100%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	-1%	0%	-4%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	-1%	-2%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-4%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	1%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	0%	0%	0%	0%	3%	-1%	-1%	-1%	-3%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
	Below Normal	0%	0%	0%	0%	0%	0%	0%	-2%	-1%	-1%	-1%	-3%
	Dry	0%	0%	0%	0%	0%	-1%	0%	16%	0%	0%	0%	-7%
	Critical	0%	0%	0%	0%	0%	1%	0%	0%	-4%	-4%	-4%	-9%

Energy Use (GWh) At Pumping Plant at Tracy: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	67.18	65.01	67.18	51.97	42.41	65.87	14.41	13.79	65.01	67.18	67.18	65.01	652.20
1923	Below Normal	59.22	60.25	62.36	52.16	58.44	44.40	14.36	11.68	47.87	67.18	59.87	65.01	602.80
1924	Critical	67.18	64.89	55.82	49.06	29.71	11.68	13.65	12.47	5.43	11.68	18.58	39.19	379.34
1925	Dry	45.24	17.16	58.35	46.68	31.41	38.32	15.27	14.01	42.90	64.37	54.97	48.49	477.17
1926	Dry	53.33	56.69	49.60	46.93	23.41	11.68	16.03	11.68	33.78	51.25	42.86	55.48	452.72
1927	Wet	52.52	65.01	54.29	34.23	52.25	54.13	11.41	11.68	40.56	67.18	63.23	51.48	557.97
1928	Above Normal	42.73	57.83	67.18	50.24	29.81	62.62	12.20	11.68	36.15	56.96	67.18	60.09	554.67
1929	Critical	45.62	38.31	67.18	48.16	43.75	35.24	11.31	11.68	9.65	31.11	67.18	44.40	453.59
1930	Dry	49.32	39.37	48.47	34.75	32.95	36.90	19.70	17.76	22.80	49.31	35.15	41.99	428.47
1931	Critical	46.90	46.63	46.39	46.50	47.78	17.88	11.31	11.68	5.51	8.76	18.10	40.56	348.00
1932	Dry	45.00	31.71	67.18	49.98	56.28	15.14	11.31	11.68	10.07	11.68	45.77	65.01	420.81
1933	Critical	46.10	41.08	59.46	56.87	22.93	20.40	11.31	11.68	8.19	11.68	66.08	60.59	416.37
1934	Critical	47.05	32.11	39.16	8.58	11.14	14.94	11.31	11.68	6.37	8.76	18.10	38.20	247.40
1935	Below Normal	40.80	45.57	61.39	51.27	38.55	36.51	12.01	11.68	42.64	50.46	27.38	63.28	481.54
1936	Below Normal	61.76	53.42	62.06	32.36	21.51	31.18	14.50	11.68	39.02	63.14	46.11	65.01	501.75
1937	Below Normal	61.93	59.36	59.06	33.06	15.18	16.44	15.95	17.78	20.51	48.13	36.68	65.01	449.09
1938	Wet	51.00	65.01	51.66	12.11	12.34	30.31	33.64	62.98	65.01	67.18	67.18	63.46	581.88
1939	Dry	57.02	11.31	67.18	49.62	57.00	25.90	11.31	11.68	6.34	67.18	50.17	61.61	476.32
1940	Above Normal	51.21	53.44	34.75	37.82	45.45	67.18	16.16	11.68	38.76	57.88	62.56	49.61	526.50
1941	Wet	48.02	44.26	62.04	58.32	60.67	67.18	19.85	20.58	55.83	67.18	67.18	65.01	636.12
1942	Wet	50.55	65.01	61.47	67.18	60.67	67.18	16.80	16.90	54.62	67.18	67.18	65.01	659.75
1943	Wet	54.79	65.01	57.54	67.18	60.67	67.18	17.63	11.86	52.43	67.18	67.18	65.01	653.66
1944	Dry	53.53	63.42	62.35	49.64	50.43	36.02	12.34	11.68	26.40	61.97	41.75	46.11	515.64
1945	Below Normal	51.36	65.01	57.89	49.78	54.20	62.12	12.29	11.68	27.86	67.18	67.18	65.01	591.56
1946	Below Normal	64.86	65.01	67.18	60.39	60.67	49.59	11.31	11.68	27.89	67.18	67.18	65.01	617.95
1947	Dry	66.57	65.01	63.16	59.85	46.61	19.59	14.24	11.68	24.19	67.18	50.34	58.32	546.74
1948	Below Normal	52.95	63.13	51.83	29.52	10.93	36.95	11.31	11.68	37.89	55.55	67.18	65.01	493.93
1949	Dry	67.18	62.49	62.39	46.94	43.84	28.34	11.31	11.68	24.50	67.18	59.19	65.01	550.05
1950	Below Normal	63.00	65.01	67.09	32.60	34.15	50.31	11.31	11.68	45.89	62.21	56.26	65.01	564.52
1951	Above Normal	67.18	65.01	67.18	62.52	15.86	36.88	11.31	11.68	38.09	49.75	67.18	65.01	557.65
1952	Wet	50.41	63.90	57.44	67.15	53.98	67.18	22.27	33.45	65.01	67.18	67.18	65.01	680.16
1953	Wet	48.80	63.25	67.18	46.27	51.23	54.15	11.97	11.68	27.38	67.18	67.18	65.01	581.28
1954	Above Normal	37.67	62.83	59.24	30.05	33.16	50.47	11.31	11.68	37.04	42.07	67.18	65.01	507.71
1955	Dry	48.65	63.99	67.18	52.07	47.85	36.61	12.03	11.68	8.24	67.18	59.09	65.01	539.58
1956	Wet	49.18	57.88	67.18	67.18	62.84	26.87	12.05	13.58	59.98	67.18	67.18	65.01	616.11
1957	Above Normal	53.24	65.01	61.42	48.12	25.16	19.13	11.92	11.68	24.50	59.74	67.18	60.58	507.68
1958	Wet	67.18	65.01	54.13	36.96	54.04	58.37	33.85	29.05	65.01	67.18	67.18	65.01	662.97
1959	Below Normal	55.03	65.01	65.07	31.67	40.49	48.00	15.23	12.52	23.52	66.94	67.18	50.06	540.72
1960	Dry	53.87	49.57	53.30	46.51	30.61	35.52	11.31	17.85	21.51	59.42	42.04	62.30	483.81
1961	Dry	52.83	58.84	67.18	48.07	27.03	48.22	11.31	11.70	4.97	67.18	50.15	65.01	512.49
1962	Below Normal	50.39	56.49	42.75	55.81	41.34	55.98	13.25	11.68	24.19	67.18	67.18	59.67	545.91
1963	Wet	67.18	65.01	51.65	35.11	38.29	52.02	11.31	11.68	45.26	67.18	67.18	40.80	552.67
1964	Dry	48.74	65.01	67.18	49.65	38.83	38.87	11.31	11.68	10.10	67.18	67.18	65.01	540.74
1965	Wet	49.05	42.55	57.03	67.18	57.59	61.64	15.04	11.68	40.02	67.18	67.18	65.01	601.15
1966	Below Normal	47.74	65.01	67.18	56.99	52.64	43.98	11.31	11.68	23.65	67.18	67.18	62.69	577.23
1967	Wet	56.79	53.48	55.58	54.39	47.77	65.46	28.26	28.19	65.01	67.18	67.18	64.53	653.82
1968	Below Normal	59.73	32.48	67.18	49.41	31.17	51.52	13.68	12.68	23.47	67.18	67.18	50.89	526.57
1969	Wet	59.44	56.75	67.18	64.77	59.39	29.09	38.32	58.49	65.01	67.18	67.18	58.55	691.35
1970	Wet	58.72	11.31	60.05	67.18	44.25	36.66	11.31	11.68	26.07	59.98	67.18	58.16	512.55
1971	Wet	51.95	36.68	57.66	48.27	44.20	59.02	12.41	11.68	37.41	67.18	67.18	61.50	555.14
1972	Below Normal	51.72	38.09	67.18	46.97	24.73	34.08	11.31	11.68	23.23	66.93	67.18	57.29	500.39
1973	Above Normal	57.03	65.01	53.75	42.25	57.70	60.04	11.76	11.68	40.20	67.18	67.18	37.55	571.33
1974	Wet	67.18	65.01	64.45	64.63	51.83	53.22	13.59	11.68	48.50	67.18	67.18	65.01	639.46
1975	Wet	63.87	65.01	67.18	49.47	42.59	67.18	12.52	11.68	53.07	67.18	67.18	65.01	631.94
1976	Critical	67.18	56.29	67.18	54.39	62.84	43.04	18.28	11.68	6.20	37.83	14.31	24.30	463.52
1977	Critical	39.48	52.23	44.77	43.21	46.41	11.68	11.31	11.68	2.62	8.76	59.37	22.24	353.76
1978	Above Normal	35.17	22.50	42.66	42.06	60.67	67.18	23.86	21.26	65.01	67.18	67.18	65.01	579.74
1979	Below Normal	56.73	55.87	64.18	57.27	60.67	67.18	12.21	16.30	27.63	67.18	67.18	65.01	617.41
1980	Above Normal	67.18	42.55	67.18	67.18	57.46	26.89	12.42	13.22	62.88	67.18	67.18	34.91	586.23
1981	Dry	61.04	65.01	67.18	49.52	44.77	42.69	16.02	13.12	23.29	67.18	57.14	65.01	571.97
1982	Wet	66.62	65.01	53.48	56.19	60.67	54.81	38.66	35.35	65.01	67.18	67.18	65.01	695.17
1983	Wet	67.18	65.01	67.18	28.89	30.48	29.11	38.60	57.89	65.01	67.18	67.18	65.01	648.72
1984	Wet	30.73	21.54	21.71	28.90	37.84	36.73	11.83	11.68	28.69	67.18	67.18	65.01	429.02
1985	Dry	48.53	65.01	67.18	49.43	46.65	42.74	15.61	13.08	23.65	67.18	64.00	64.17	567.23
1986	Wet	66.44	65.01	62.41	31.15	60.67	46.37	21.57	20.95	55.19	67.18	67.18	11.31	575.43
1987	Dry	43.52	22.86	63.15	48.14	44.32	34.34	11.31	11.68	23.05	65.51	41.11	46.11	455.10
1988	Critical	66.29	55.14	48.46	34.10	10.93	11.68	14.38	11.68	4.96	45.37	64.72	26.75	394.46
1989	Dry	40.12	41.56	44.93	46.32	14.83	17.62	15.97	11.91	33.28	67.18	35.69	61.87	431.28
1990	Critical	47.05	47.35	57.13	44.99	28.75	14.93	11.31	13.36	3.40	44.06	57.19	22.93	392.45
1991	Critical	47.63	41.54	42.66	11.68	25.47	18.64	14.44	12.50	15.10	32.14	53.81	30.06	345.67
1992	Critical	28.83	46.44	27.98	26.77	23.17	34.94	11.31	11.68	20.42	67.18	66.90	19.22	384.84
1993	Above Normal	28.10	37.89	50.02	45.82	54.55	57.48	11.31	11.68	56.01	67.18	67.18	65.01	552.23
1994	Critical	57.50	63.13	67.18	46.73	43.65	33.86	13.06	14.98	3.45	67.18	64.29	52.09	527.10
1995	Wet	37.18	58.52	50.39	43.69	47.88	67.18	23.10	63.33	65.01	67.18	67.18	65.01	655.65
1996	Wet	41.33	30.60	55.11	41.10	62.84	67.18	14.21	13.64	47.38	67.18	67.18	65.01	572.76
1997	Wet	44.60	65.01	67.18	67.18	60.67	52.03	11.31	11.68	44.75	63.29	67.18	65.01	619.89
1998	Wet	46.65	37.14	67.18	43.90	60.67	67.18	25.82	30.41	65.01	67.18	67.18	65.01	643.33
1999	Wet	67.18	65.01	59.02	59.71	60.67	67.18	12.01	11.68	40.49	67.18	67.18	55.28	632.59
2000	Above Normal	37.08	65.01	56.40	32.41	62.84	67.18	11.68	11.68	46.45	45.17	67.18	65.01	568.09
2001	Dry	40.86	65.01	57.92	50.58	40.23	43.42	14.16	11.68	22.85	67.18	46.15	48.88	508.92
2002	Dry	59.95	45.53	57.16	38.68	34.10	38.02	11.31	11.68	23.63	67.18	67.18	56.06	510.48
2003	Above Normal	61.29	62.03	54.92	33.30	43.85	48.97	11.31	11.68	35.54	66.89	67.18	52.02	548.98
	Average	52.91	53.07	58.24	46.65	42.91	42.95	15.29	16.21	34.15	58.67	59.19	55.87	536.11
	Wet	54.41	54.73	58.36	50.32	51.42	54.02	19.97	24.04	51.64	66.75	67.03	60.39	613.10
	Above Normal	50.42	55.34	56.82	45.31	44.08	52.49	13.30	12.78	45.47	59.53	66.80	57.07	559.42
	Below Normal	55.52	56.41	61.60	45.66	38.91	44.87	12.86	12.58	31.09	63.12	59.35	61.71	543.67
	Dry	51.96	49.42	60.61	47.96	39.51	32.77	13.44	12.66	21.42	61.25	50.55	57.86	499.42
	Critical	50.57	48.76	51.95	39.25	33.04	22.41	12.75	12.23	7.61	31.21	47.39	35.04	392.21

Energy Use (GWh) At Pumping Plant at Tracy: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	67.18	65.01	67.18	51.97	42.46	65.97	14.41	13.79	65.01	67.18	67.18	65.01	652.35
1923	Below Normal	60.69	65.01	62.36	51.43	57.87	44.44	14.36	11.68	47.63	67.18	54.15	65.01	601.81
1924	Critical	67.18	57.73	48.48	47.64	29.71	11.68	13.65	12.48	5.44	11.68	29.40	39.46	374.53
1925	Dry	45.17	16.32	58.38	46.68	31.41	38.33	15.27	14.00	41.08	60.73	57.12	47.43	471.92
1926	Dry	53.37	57.20	49.59	46.93	23.41	11.68	16.03	12.16	33.78	56.68	44.74	56.25	461.82
1927	Wet	52.54	65.01	54.29	34.23	52.25	54.13	11.41	11.68	40.56	67.18	64.55	51.22	559.05
1928	Above Normal	43.03	57.64	67.18	50.24	29.81	62.62	12.20	11.68	36.15	56.84	67.18	60.26	554.83
1929	Critical	45.64	38.46	67.18	48.16	43.75	35.25	11.31	11.68	9.65	31.08	67.18	44.40	453.74
1930	Dry	49.32	39.37	48.47	34.75	32.95	36.90	19.70	17.76	22.80	49.93	35.14	41.52	428.61
1931	Critical	46.89	46.63	46.39	46.50	47.78	17.88	11.31	11.68	5.51	8.76	18.10	40.60	348.03
1932	Dry	44.95	31.67	67.18	49.98	56.85	15.14	11.31	11.68	10.07	11.68	45.78	65.01	421.30
1933	Critical	45.97	40.94	59.48	56.88	24.46	20.40	11.31	11.68	8.19	11.68	66.13	60.59	417.71
1934	Critical	46.98	32.15	39.38	8.60	11.15	14.96	11.31	11.68	6.37	8.76	18.10	38.18	247.62
1935	Below Normal	42.83	45.55	61.40	51.27	38.56	36.51	12.01	11.68	42.64	50.47	27.39	63.27	483.58
1936	Below Normal	61.75	53.41	62.08	32.36	24.61	32.68	14.50	11.68	39.02	63.29	46.11	65.01	506.50
1937	Below Normal	61.92	59.34	59.06	50.35	15.18	24.54	13.98	12.90	13.65	47.87	36.67	65.01	460.47
1938	Wet	51.01	65.01	67.18	24.41	12.30	38.41	30.09	36.80	65.01	67.18	67.18	63.46	588.04
1939	Dry	57.31	15.20	67.18	49.62	56.99	25.90	11.31	12.57	6.32	67.18	46.75	60.17	476.50
1940	Above Normal	56.50	53.52	34.80	37.91	45.45	67.18	16.16	11.68	38.77	57.85	67.18	55.89	542.89
1941	Wet	48.10	41.76	62.04	58.32	60.67	67.18	19.85	19.17	55.34	67.18	67.18	65.01	631.80
1942	Wet	50.76	65.01	61.47	67.18	60.67	67.18	16.80	16.90	54.62	67.18	67.18	65.01	659.96
1943	Wet	54.77	65.01	57.54	67.18	60.67	67.18	17.30	11.68	57.29	67.18	67.18	65.01	657.99
1944	Dry	54.03	65.01	62.22	49.64	50.43	36.02	12.34	11.68	26.40	60.63	40.59	45.95	514.94
1945	Below Normal	51.35	65.01	57.89	49.78	48.93	67.18	12.29	11.68	27.86	67.18	67.18	65.01	591.34
1946	Below Normal	59.98	65.01	67.18	60.39	60.67	49.59	11.31	11.68	27.89	67.18	67.18	65.01	613.07
1947	Dry	66.55	65.01	63.12	59.85	46.61	19.59	14.24	11.68	24.19	67.18	49.82	58.02	545.86
1948	Below Normal	53.04	63.14	51.80	29.52	10.93	36.95	11.31	11.68	37.89	55.66	67.18	65.01	494.11
1949	Dry	67.18	62.48	62.39	46.94	43.84	28.34	11.31	11.68	24.50	67.18	59.20	65.01	550.05
1950	Below Normal	63.00	65.01	67.09	32.60	34.15	50.31	11.31	11.68	45.91	62.16	56.27	65.01	564.50
1951	Above Normal	67.18	65.01	67.18	62.43	20.31	36.88	11.31	11.68	38.09	49.76	67.18	65.01	562.02
1952	Wet	50.41	63.89	57.44	66.65	54.12	67.18	20.15	28.19	65.01	67.18	67.18	65.01	672.41
1953	Wet	48.19	65.01	67.18	39.68	51.23	54.15	11.97	11.68	27.38	67.18	67.18	65.01	575.84
1954	Above Normal	37.69	61.46	59.26	30.05	33.16	50.47	11.31	11.68	37.04	42.07	67.18	65.01	506.38
1955	Dry	48.78	64.08	67.18	52.07	47.85	36.61	12.03	11.68	8.24	67.18	58.98	65.01	539.69
1956	Wet	49.17	57.95	67.18	67.18	62.84	32.97	12.05	13.58	59.98	67.18	67.18	65.01	622.27
1957	Above Normal	53.24	65.01	61.43	48.12	25.16	19.13	11.92	11.68	24.50	59.74	67.18	60.58	507.69
1958	Wet	67.18	65.01	54.13	36.96	54.04	66.47	31.38	24.93	65.01	67.18	67.18	65.01	664.48
1959	Below Normal	55.03	65.01	65.06	31.66	40.49	49.96	15.24	12.52	23.52	66.94	67.18	49.79	542.40
1960	Dry	53.89	49.59	53.27	46.51	30.61	35.52	11.31	17.85	21.51	59.42	41.90	62.33	483.71
1961	Dry	52.81	58.80	67.18	48.07	27.03	48.22	11.31	11.70	4.97	67.18	50.15	65.01	512.43
1962	Below Normal	50.38	56.51	42.75	55.80	41.34	55.98	13.25	11.68	24.19	67.18	67.18	59.67	545.91
1963	Wet	67.18	65.01	51.65	35.11	38.29	52.02	11.31	11.68	45.26	67.18	67.18	40.32	552.19
1964	Dry	48.93	65.01	67.18	49.65	38.83	38.87	11.31	11.68	10.10	67.18	67.18	65.01	540.93
1965	Wet	49.04	42.55	57.03	67.18	57.59	61.64	15.03	11.68	40.02	67.18	67.18	65.01	601.13
1966	Below Normal	47.74	65.01	67.18	56.99	52.64	43.98	11.31	11.68	23.65	67.18	67.18	61.87	576.41
1967	Wet	56.78	53.48	55.58	54.39	47.77	65.46	25.89	23.96	65.01	67.18	67.18	65.01	647.69
1968	Below Normal	58.85	64.54	67.18	49.41	31.17	51.52	13.68	12.68	23.47	67.18	67.18	50.89	557.75
1969	Wet	59.44	57.18	67.18	57.24	60.67	29.09	31.21	63.41	65.01	67.18	67.18	61.29	686.08
1970	Wet	58.65	11.31	60.05	67.18	42.91	36.90	11.31	11.68	26.07	60.06	67.18	57.73	511.03
1971	Wet	52.12	36.70	57.66	48.27	44.20	59.02	12.41	11.68	37.41	67.18	67.18	61.49	555.32
1972	Below Normal	51.73	38.06	67.18	46.97	24.73	34.08	11.31	11.68	23.23	66.93	67.18	57.30	500.38
1973	Above Normal	57.00	65.01	53.75	42.25	57.70	60.04	11.76	11.68	40.20	67.18	67.18	53.34	587.09
1974	Wet	57.41	65.01	64.45	61.80	51.83	67.18	13.56	11.68	48.48	67.18	67.18	65.01	640.77
1975	Wet	63.83	65.01	67.18	49.47	42.59	67.18	12.52	11.68	53.07	67.18	67.18	65.01	631.90
1976	Critical	67.18	56.57	67.18	54.39	62.84	43.04	18.28	11.68	6.20	38.41	14.42	24.33	464.52
1977	Critical	38.80	52.15	44.68	43.11	46.31	11.68	11.31	11.68	2.59	8.76	59.61	22.24	352.92
1978	Above Normal	35.09	22.93	42.51	42.06	57.15	64.86	19.21	16.37	63.28	67.18	67.18	65.01	562.83
1979	Below Normal	56.66	65.01	64.45	57.27	60.67	67.18	12.21	16.30	27.63	67.18	67.18	65.01	626.75
1980	Above Normal	64.39	44.73	67.18	62.02	62.84	26.66	12.43	13.22	62.09	67.18	67.18	52.16	602.08
1981	Dry	54.71	54.64	67.18	49.52	44.77	36.10	16.02	13.12	23.29	67.18	57.06	63.68	547.27
1982	Wet	66.62	65.01	53.48	56.19	60.67	62.91	38.66	30.00	65.01	67.18	67.18	65.01	697.92
1983	Wet	67.18	65.01	67.18	46.29	30.48	29.11	38.60	57.89	65.01	67.18	67.18	65.01	666.12
1984	Wet	30.73	21.54	21.71	28.90	38.14	36.73	11.83	11.68	28.69	67.18	67.18	65.01	429.32
1985	Dry	48.53	65.01	67.18	49.43	46.65	42.74	15.61	13.08	23.65	67.18	64.00	64.17	567.23
1986	Wet	66.44	65.01	62.41	31.15	60.67	50.84	21.23	18.20	53.97	67.18	67.18	11.31	575.59
1987	Dry	43.55	27.33	63.07	48.14	44.32	34.34	11.31	11.68	23.05	64.94	40.43	46.04	458.20
1988	Critical	66.31	55.16	48.46	34.10	10.93	11.68	14.38	11.68	4.96	44.79	64.64	26.88	393.97
1989	Dry	40.14	41.56	44.86	46.32	14.83	17.62	15.97	11.91	33.28	67.18	35.94	61.83	431.44
1990	Critical	47.04	47.33	57.12	44.99	28.74	14.93	11.31	13.36	3.40	44.07	57.22	22.93	392.44
1991	Critical	47.63	41.55	42.63	11.68	25.48	18.64	14.43	12.50	15.10	31.69	54.06	30.02	345.41
1992	Critical	28.82	46.47	27.99	26.60	23.17	34.94	11.31	11.68	20.42	67.18	66.88	19.16	384.62
1993	Above Normal	28.11	37.86	50.02	45.82	54.54	57.48	11.31	11.68	56.01	67.18	67.18	65.01	552.20
1994	Critical	57.49	62.94	67.18	46.73	43.65	33.86	13.06	14.98	3.45	67.18	64.29	52.11	526.92
1995	Wet	37.20	58.53	50.38	43.67	47.88	67.18	19.99	36.28	65.01	67.18	67.18	65.01	625.49
1996	Wet	40.18	55.00	55.11	41.10	62.84	67.18	14.21	13.65	47.38	67.18	67.18	65.01	596.02
1997	Wet	44.58	65.01	67.18	67.18	60.67	55.41	11.31	11.68	45.45	52.31	67.18	65.01	612.97
1998	Wet	47.85	34.98	67.18	43.86	60.67	67.18	23.78	26.38	65.01	67.18	67.18	65.01	636.26
1999	Wet	67.18	65.01	59.02	59.71	60.67	67.18	12.01	11.68	40.49	67.18	67.18	54.26	631.57
2000	Above Normal	37.73	65.01	56.50	32.41	62.84	67.18	11.68	11.68	46.45	45.21	67.18	65.01	568.88
2001	Dry	40.80	65.01	59.33	50.58	40.23	43.42	14.16	11.68	22.85	67.18	45.32	48.90	509.46
2002	Dry	59.95	45.52	57.16	38.68	34.09	38.02	11.31	11.68	23.63	67.18	67.18	55.68	510.08
2003	Above Normal	61.29	62.08	54.92	33.30	43.85	48.97	11.31	11.68	35.54	66.89	67.18	52.09	549.10
	Average	52.73	53.81	58.36	46.92	42.98	43.68	14.92	15.19	34.06	58.53	59.30	56.30	536.79
	Wet	54.02	55.58	58.96	50.79	51.44	56.04	19.07	21.13	51.79	66.33	67.08	60.43	612.66
	Above Normal	50.70	55.44	56.83	44.88	44.61	52.29	12.92	12.38	45.26	59.52	67.18	60.37	562.36
	Below Normal	55.35	59.69	61.62	46.84	38.71	46.06	12.72	12.23	30.58	63.11	58.94	61.63	547.50
	Dry	51.67	49.38	60.67	47.96	39.54	32.41	13.44	12.74	21.32	61.28	50.40	57.61	498.41
	Critical	50.49	48.17	51.35	39.12	33.16	22.41	12.75	12.23	7.61	31.17	48.34	35.08	391.87

Difference in Energy Use (GWh) At Pumping Plant at Tracy: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.05	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1923	Below Normal	1.47	4.76	0.00	(0.73)	(0.57)	0.04	0.00	0.00	(0.24)	0.00	(5.72)	0.00	(0.08)
1924	Critical	0.00	(7.16)	(7.34)	(1.42)	0.00	0.00	0.00	0.01	0.01	0.00	10.82	0.27	(0.40)
1925	Dry	(0.07)	(0.84)	0.03	0.00	0.00	0.01	0.00	(0.01)	(1.82)	(3.64)	2.15	(1.06)	(0.44)
1926	Dry	0.04	0.51	(0.01)	0.00	0.00	0.00	0.00	0.48	0.00	5.43	1.88	0.77	0.76
1927	Wet	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.32	(0.26)	0.09
1928	Above Normal	0.30	(0.19)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.12)	0.00	0.17	0.01
1929	Critical	0.02	0.15	0.00	0.00	0.00	0.01	0.00	0.00	0.00	(0.03)	0.00	0.00	0.01
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	(0.01)	(0.47)	0.01
1931	Critical	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
1932	Dry	(0.05)	(0.04)	0.00	0.00	0.57	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.04
1933	Critical	(0.13)	(0.14)	0.02	0.01	1.53	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.11
1934	Critical	(0.07)	0.04	0.22	0.02	0.01	0.02	0.00	0.00	0.00	0.00	0.00	(0.02)	0.02
1935	Below Normal	2.03	(0.02)	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	(0.01)	0.17
1936	Below Normal	(0.01)	(0.01)	0.02	0.00	3.10	1.50	0.00	0.00	0.00	0.15	0.00	0.00	0.40
1937	Below Normal	(0.01)	(0.02)	0.00	17.29	0.00	8.10	(1.97)	(4.88)	(6.86)	(0.26)	(0.01)	0.00	0.95
1938	Wet	0.01	0.00	15.52	12.30	(0.04)	8.10	(3.55)	(26.18)	0.00	0.00	0.00	0.00	0.51
1939	Dry	0.29	3.89	0.00	0.00	(0.01)	0.00	0.00	0.89	(0.02)	0.00	(3.42)	(1.44)	0.02
1940	Above Normal	5.29	0.08	0.05	0.09	0.00	0.00	0.00	0.00	0.01	(0.03)	4.62	6.28	1.37
1941	Wet	0.08	(2.50)	0.00	0.00	0.00	0.00	0.00	(1.41)	(0.49)	0.00	0.00	0.00	(0.36)
1942	Wet	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1943	Wet	(0.02)	0.00	0.00	0.00	0.00	0.00	(0.33)	(0.18)	4.86	0.00	0.00	0.00	0.36
1944	Dry	0.50	1.59	(0.13)	0.00	0.00	0.00	0.00	0.00	0.00	(1.34)	(1.16)	(0.16)	(0.06)
1945	Below Normal	(0.01)	0.00	0.00	0.00	(5.27)	5.06	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1946	Below Normal	(4.88)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.41)
1947	Dry	(0.02)	0.00	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.52)	(0.30)	(0.07)
1948	Below Normal	0.09	0.01	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.01
1949	Dry	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	(0.05)	0.01	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	(0.09)	4.45	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.36
1952	Wet	0.00	(0.01)	0.00	(0.50)	0.14	0.00	(2.12)	(5.26)	0.00	0.00	0.00	0.00	(0.65)
1953	Wet	(0.61)	1.76	0.00	(6.59)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.45)
1954	Above Normal	0.02	(1.37)	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.11)
1955	Dry	0.13	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.11)	0.00	0.01
1956	Wet	(0.01)	0.07	0.00	0.00	0.00	6.10	0.00	0.00	0.00	0.00	0.00	0.00	0.51
1957	Above Normal	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	8.10	(2.47)	(4.12)	0.00	0.00	0.00	0.00	0.13
1959	Below Normal	0.00	0.00	(0.01)	(0.01)	0.00	1.96	0.01	0.00	0.00	0.00	0.00	(0.27)	0.14
1960	Dry	0.02	0.02	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.14)	0.03	(0.01)
1961	Dry	(0.02)	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1962	Below Normal	(0.01)	0.02	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.48)	(0.04)
1964	Dry	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1965	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.82)	(0.07)
1967	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	(2.37)	(4.23)	0.00	0.00	0.00	0.48	(0.51)
1968	Below Normal	(0.88)	32.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.60
1969	Wet	0.00	0.43	0.00	(7.53)	1.28	0.00	(7.11)	4.92	0.00	0.00	0.00	2.74	(0.44)
1970	Wet	(0.07)	0.00	0.00	0.00	(1.34)	0.24	0.00	0.00	0.00	0.08	0.00	(0.43)	(0.13)
1971	Wet	0.17	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.02
1972	Below Normal	0.01	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1973	Above Normal	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.79	1.31
1974	Wet	(9.77)	0.00	0.00	(2.83)	0.00	13.96	(0.03)	0.00	(0.02)	0.00	0.00	0.00	0.11
1975	Wet	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.11	0.03	0.08
1977	Critical	(0.68)	(0.08)	(0.09)	(0.10)	(0.10)	0.00	0.00	0.00	(0.03)	0.00	0.24	0.00	(0.07)
1978	Above Normal	(0.08)	0.43	(0.15)	0.00	(3.52)	(2.32)	(4.65)	(4.89)	(1.73)	0.00	0.00	0.00	(1.41)
1979	Below Normal	(0.07)	9.14	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.78
1980	Above Normal	(2.79)	2.18	0.00	(5.16)	5.38	(0.23)	0.01	0.00	(0.79)	0.00	0.00	17.25	1.32
1981	Dry	(6.33)	(10.37)	0.00	0.00	0.00	(6.59)	0.00	0.00	0.00	0.00	(0.08)	(1.33)	(2.06)
1982	Wet	0.00	0.00	0.00	0.00	0.00	8.10	0.00	(5.35)	0.00	0.00	0.00	0.00	0.23
1983	Wet	0.00	0.00	0.00	17.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.45
1984	Wet	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	4.47	(0.34)	(2.75)	(1.22)	0.00	0.00	0.00	0.01
1987	Dry	0.03	4.47	(0.08)	0.00	0.00	0.00	0.00	0.00	0.00	(0.57)	(0.68)	(0.07)	0.26
1988	Critical	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.58)	(0.08)	0.13	(0.04)
1989	Dry	0.02	0.00	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	(0.04)	0.01
1990	Critical	(0.01)	(0.02)	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01	0.03	0.00	0.00
1991	Critical	0.00	0.01	(0.03)	0.00	0.01	0.00	(0.01)	0.00	0.00	(0.45)	0.25	(0.04)	(0.02)
1992	Critical	(0.01)	0.03	0.01	(0.17)	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.06)	(0.02)
1993	Above Normal	0.01	(0.03)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	(0.01)	(0.19)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	(0.02)
1995	Wet	0.02	0.01	(0.01)	(0.02)	0.00	0.00	(3.11)	(27.05)	0.00	0.00	0.00	0.00	(2.51)
1996	Wet	(1.15)	24.40	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	1.94
1997	Wet	(0.02)	0.00	0.00	0.00	0.00	3.38	0.00	0.00	0.70	(10.98)	0.00	0.00	(0.58)
1998	Wet	1.20	(2.16)	0.00	(0.04)	0.00	0.00	(2.04)	(4.03)	0.00	0.00	0.00	0.00	(0.59)
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.02)	(0.09)
2000	Above Normal	0.65	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.07
2001	Dry	(0.06)	0.00	1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.83)	0.02	0.04
2002	Dry	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.38)	(0.03)
2003	Above Normal	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.01
	Average	(0.18)	0.75	0.12	0.27	0.07	0.73	(0.37)	(1.02)	(0.09)	(0.13)	0.11	0.43	0.06
	Wet	(0.38)	0.85	0.60	0.47	0.01	2.02	(0.90)	(2.91)	0.15	(0.42)	0.05	0.04	(0.04)
	Above Normal	0.28	0.10	0.00	(0.43)	0.53	(0.20)	(0.39)	(0.41)	(0.21)	(0.01)	0.39	3.30	0.25
	Below Normal	(0.16)	3.28	0.02	1.18	(0.20)	1.19	(0.14)	(0.35)	(0.51)	(0.00)	(0.41)	(0.08)	0.32
	Dry	(0.30)	(0.04)	0.06	0.00	0.03	(0.37)	0.00	0.08	(0.10)	0.03	(0.15)	(0.25)	(0.08)
	Critical	(0.07)	(0.59)	(0.60)	(0.14)	0.12	0.00	(0.00)	0.00	(0.00)	(0.04)	0.95	0.03	(0.03)

Percent Difference in Energy Use (GWh) At Pumping Plant at Tracy: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	2%	8%	0%	-1%	-1%	0%	0%	0%	-1%	0%	-10%	0%
1924	Critical	0%	-11%	-13%	-3%	0%	0%	0%	0%	0%	0%	58%	1%
1925	Dry	0%	-5%	0%	0%	0%	0%	0%	0%	-4%	-6%	4%	-2%
1926	Dry	0%	1%	0%	0%	0%	0%	0%	4%	0%	11%	4%	1%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	-1%
1928	Above Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	-1%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	7%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	14%	5%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	52%	0%	49%	-12%	-27%	-33%	-1%	0%	0%
1938	Wet	0%	0%	30%	102%	0%	27%	-11%	-42%	0%	0%	0%	0%
1939	Dry	1%	34%	0%	0%	0%	0%	0%	8%	0%	0%	-7%	-2%
1940	Above Normal	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%	13%
1941	Wet	0%	-6%	0%	0%	0%	0%	0%	-7%	-1%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	-2%	-2%	9%	0%	0%	0%
1944	Dry	1%	3%	0%	0%	0%	0%	0%	0%	0%	-2%	-3%	0%
1945	Below Normal	0%	0%	0%	0%	-10%	8%	0%	0%	0%	0%	0%	0%
1946	Below Normal	-8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	28%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-1%	0%	0%	-10%	-16%	0%	0%	0%	0%
1953	Wet	-1%	3%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	23%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	14%	-7%	-14%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	-1%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1967	Wet	0%	0%	0%	0%	0%	0%	-8%	-15%	0%	0%	0%	1%
1968	Below Normal	-1%	99%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	1%	0%	-12%	2%	0%	-19%	8%	0%	0%	0%	5%
1970	Wet	0%	0%	0%	0%	-3%	1%	0%	0%	0%	0%	0%	-1%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	42%
1974	Wet	-15%	0%	0%	-4%	0%	26%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	1%	0%
1977	Critical	-2%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1978	Above Normal	0%	2%	0%	0%	-6%	-3%	-19%	-23%	-3%	0%	0%	0%
1979	Below Normal	0%	16%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-4%	5%	0%	-8%	9%	-1%	0%	0%	-1%	0%	0%	49%
1981	Dry	-10%	-16%	0%	0%	0%	-15%	0%	0%	0%	0%	0%	-2%
1982	Wet	0%	0%	0%	0%	0%	15%	0%	-15%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	60%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	10%	-2%	-13%	-2%	0%	0%	0%
1987	Dry	0%	20%	0%	0%	0%	0%	0%	0%	0%	-1%	-2%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1992	Critical	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	-13%	-43%	0%	0%	0%	0%
1996	Wet	-3%	80%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	6%	0%	0%	2%	-17%	0%	0%
1998	Wet	3%	-6%	0%	0%	0%	0%	-8%	-13%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
2000	Above Normal	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	3%	0%	2%	1%	2%	-1%	-3%	0%	0%	1%	1%
	Wet	-1%	3%	1%	5%	0%	5%	-3%	-7%	0%	-1%	0%	0%
	Above Normal	1%	0%	0%	-1%	3%	0%	-2%	-2%	0%	0%	1%	9%
	Below Normal	0%	9%	0%	4%	0%	5%	-1%	-2%	-2%	0%	-1%	0%
	Dry	0%	2%	0%	0%	0%	-1%	0%	1%	0%	0%	0%	0%
	Critical	0%	-1%	-1%	0%	1%	0%	0%	0%	0%	0%	5%	0%

Hydropower Modeling Attachment: Alternative Plan 5, SWP, Existing Conditions

Upper San Joaquin River Basin Storage Investigation, California

Prepared by:

United States Department of the Interior
Bureau of Reclamation
Mid-Pacific Region

U.S. Department of the Interior
Bureau of Reclamation

August 2014

Mission Statements

The mission of the Department of the Interior is to protect and provide access to our Nation's natural and cultural heritage and honor our trust responsibilities to Indian Tribes and our commitments to island communities.

The mission of the Bureau of Reclamation is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

Energy generated (GWh) at Alamo Dam: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	11.23	10.87	11.13	2.47	4.01	6.06	8.43	8.66	9.09	8.75	9.54	8.41	98.65
1923	Below Normal	8.07	7.23	6.51	11.23	10.15	11.23	7.76	9.52	9.71	9.60	10.71	9.83	111.55
1924	Critical	8.14	7.23	6.30	5.15	5.26	3.73	4.92	6.60	6.85	6.15	6.02	5.70	72.05
1925	Dry	3.70	2.83	2.45	1.54	2.08	3.96	7.92	10.38	10.61	10.47	11.23	10.69	77.86
1926	Dry	8.43	7.52	6.50	2.95	3.61	4.01	6.38	8.96	9.18	9.05	9.96	9.24	85.79
1927	Wet	7.28	6.47	5.60	3.08	4.82	7.37	8.98	9.36	9.83	9.42	10.17	9.00	91.38
1928	Above Normal	8.68	7.79	7.07	11.23	10.51	7.28	8.96	9.25	9.68	9.28	9.96	8.85	108.54
1929	Critical	8.45	7.60	6.92	11.23	10.15	5.78	4.06	6.00	6.21	5.60	5.49	4.99	82.48
1930	Dry	3.43	2.60	2.25	1.44	2.34	2.68	6.51	8.52	8.81	8.34	8.77	8.22	63.91
1931	Critical	5.97	5.06	4.40	2.14	2.74	2.58	5.68	7.65	7.89	7.09	6.96	6.50	64.66
1932	Dry	4.12	3.42	2.93	1.74	2.97	3.37	6.29	8.08	8.30	8.11	8.78	8.18	66.29
1933	Critical	6.26	5.50	4.77	2.37	3.00	3.33	6.41	8.71	9.02	8.25	8.33	7.87	73.82
1934	Critical	5.37	4.27	3.70	1.90	2.34	2.67	6.09	8.19	8.46	7.59	1.08	0.29	51.95
1935	Below Normal	4.06	10.03	7.92	1.71	2.74	3.27	8.10	10.43	3.50	11.23	11.23	10.87	85.09
1936	Below Normal	9.02	8.09	6.97	3.03	4.35	8.86	8.98	9.77	10.25	9.82	10.62	9.40	99.16
1937	Below Normal	9.06	8.14	7.38	11.23	10.15	10.76	9.00	9.49	9.96	9.62	10.44	9.13	114.36
1938	Wet	8.74	7.84	7.06	11.23	10.15	11.23	8.56	9.93	10.41	9.51	11.15	8.94	114.75
1939	Dry	8.53	7.60	6.72	11.23	10.15	11.23	9.16	9.97	1.81	11.15	6.41	10.87	104.83
1940	Above Normal	10.05	4.24	10.20	1.43	2.08	4.38	8.05	10.53	7.75	10.91	11.23	10.87	91.72
1941	Wet	8.76	7.82	6.74	4.70	5.53	11.23	7.68	8.33	8.74	8.54	9.43	8.17	95.67
1942	Wet	7.78	6.93	6.14	11.23	10.15	11.23	9.92	8.69	9.14	8.82	9.67	8.49	108.19
1943	Wet	8.16	7.29	6.53	11.23	10.15	10.40	9.63	9.84	10.29	9.96	10.88	9.56	113.92
1944	Dry	9.18	8.22	7.37	11.01	10.42	5.86	6.49	8.42	8.61	8.36	8.98	8.40	101.32
1945	Below Normal	6.34	5.50	4.78	2.68	3.38	11.23	8.96	9.37	9.84	9.44	10.18	9.01	90.71
1946	Below Normal	8.68	7.79	7.57	11.23	8.45	7.98	8.46	8.87	9.30	8.94	9.75	8.62	105.64
1947	Dry	8.30	7.44	6.71	11.23	10.15	7.34	8.74	10.11	10.45	10.15	11.01	10.06	111.69
1948	Below Normal	8.67	7.77	6.86	7.92	7.71	4.28	6.12	5.95	0.31	11.23	11.23	10.87	88.92
1949	Dry	9.04	8.07	6.97	2.97	3.63	3.72	8.75	9.95	10.33	10.01	10.83	9.86	94.13
1950	Below Normal	8.61	7.73	6.85	2.56	2.94	3.12	7.35	9.35	0.31	11.23	11.23	10.87	82.15
1951	Above Normal	8.84	7.88	6.83	11.23	10.15	11.23	8.36	9.17	9.63	9.24	10.07	8.91	111.54
1952	Wet	8.59	7.69	6.94	11.23	10.51	8.91	7.30	8.22	8.59	8.48	9.45	8.11	104.02
1953	Wet	7.69	6.81	9.59	11.23	10.15	11.23	10.38	8.78	9.01	8.79	9.68	8.72	112.06
1954	Above Normal	7.84	6.99	6.20	9.96	10.15	7.88	8.13	10.36	10.01	9.57	11.23	10.86	109.18
1955	Dry	8.56	7.62	6.58	3.46	4.35	4.28	6.77	8.66	8.84	8.75	9.59	8.91	86.37
1956	Wet	6.98	6.20	5.37	11.23	10.51	11.23	9.56	10.07	10.56	10.14	11.08	9.79	112.72
1957	Above Normal	9.44	8.47	7.61	11.23	10.15	8.52	6.72	4.75	0.35	10.71	11.23	10.76	99.94
1958	Wet	8.34	7.44	6.43	3.43	6.06	11.23	9.73	10.27	10.76	10.41	11.23	9.98	105.31
1959	Below Normal	9.60	8.57	7.66	11.23	10.15	11.23	7.75	9.84	1.77	10.95	11.23	10.87	110.85
1960	Dry	8.74	7.80	6.72	2.88	3.15	3.39	8.67	10.90	5.19	11.23	7.20	10.87	86.74
1961	Dry	10.18	9.12	7.86	3.95	4.33	3.43	7.29	9.27	9.52	9.38	7.50	3.65	85.48
1962	Below Normal	0.82	6.84	11.23	1.13	1.72	4.00	7.40	9.49	0.32	11.23	11.23	10.87	76.28
1963	Wet	9.00	8.03	6.95	5.68	6.24	6.96	8.33	8.80	9.22	8.87	9.67	8.56	96.31
1964	Dry	8.25	7.38	8.36	11.23	6.17	6.33	8.94	9.14	9.60	9.21	9.98	8.82	103.41
1965	Wet	8.53	7.63	6.91	11.02	10.15	8.08	8.18	8.56	8.46	8.67	9.44	8.39	104.02
1966	Below Normal	7.94	7.10	6.38	11.23	10.15	8.76	7.90	9.82	8.94	10.00	11.16	10.28	109.66
1967	Wet	8.34	7.41	6.42	4.42	7.08	7.43	9.04	9.47	9.93	9.59	10.48	9.20	98.81
1968	Below Normal	8.84	7.91	7.10	11.23	10.51	11.23	8.85	9.13	9.44	9.22	10.22	9.30	112.98
1969	Wet	8.01	7.13	6.25	8.96	10.15	11.23	8.65	9.19	9.63	9.38	10.40	9.03	108.01
1970	Wet	8.71	7.56	6.78	11.23	10.15	11.23	8.43	9.15	9.61	9.21	10.04	8.88	110.98
1971	Wet	8.57	7.67	6.92	11.23	10.15	10.39	7.57	9.76	9.80	9.87	11.01	10.18	113.12
1972	Below Normal	8.10	7.19	6.22	3.93	5.69	6.46	8.09	9.92	10.18	10.00	11.04	10.16	96.98
1973	Above Normal	8.33	7.43	6.46	5.45	8.08	8.15	8.78	9.43	9.92	9.47	10.28	9.09	100.87
1974	Wet	8.77	7.86	7.11	11.23	10.15	11.23	9.21	9.38	9.86	9.48	10.40	9.15	113.83
1975	Wet	8.80	7.86	7.04	11.23	10.15	11.23	8.95	9.18	9.66	9.23	9.96	8.83	112.12
1976	Critical	8.49	7.62	6.92	11.23	10.51	7.28	7.62	9.77	1.76	10.95	6.64	10.87	99.66
1977	Critical	9.38	8.40	7.21	2.81	3.11	2.56	1.24	0.25	0.29	0.45	0.38	0.29	36.37
1978	Above Normal	0.11	1.88	10.52	1.22	3.09	5.84	8.19	8.49	8.92	8.56	9.25	8.15	74.22
1979	Below Normal	7.85	7.01	6.35	11.23	10.15	7.89	8.48	9.01	9.48	9.10	9.86	8.69	105.10
1980	Above Normal	8.34	7.46	6.74	11.23	10.51	11.23	8.54	9.05	9.49	9.28	10.25	8.87	110.99
1981	Dry	8.46	7.53	6.67	11.23	10.15	9.08	7.42	9.65	1.75	11.23	10.52	10.87	104.56
1982	Wet	9.12	8.16	7.00	5.37	6.06	11.23	10.22	9.92	10.41	10.08	11.11	9.69	108.37
1983	Wet	9.41	8.41	11.23	11.23	10.15	11.23	7.24	7.78	8.49	9.19	8.72	7.74	110.82
1984	Wet	8.25	7.41	11.23	11.23	10.51	11.23	8.42	9.28	9.71	9.34	10.18	9.02	115.81
1985	Dry	8.68	7.79	7.94	11.23	10.15	10.07	8.33	8.72	9.19	8.79	9.51	8.41	108.81
1986	Wet	8.10	7.27	6.59	11.23	10.15	11.23	9.28	9.80	10.30	9.96	10.91	9.50	114.32
1987	Dry	9.11	8.16	7.30	11.23	10.15	7.86	6.30	8.51	8.80	7.86	7.75	7.35	100.38
1988	Critical	4.85	3.75	3.22	1.73	2.56	2.26	4.21	5.60	5.81	5.26	5.13	4.85	49.23
1989	Dry	3.13	2.37	2.06	1.43	2.12	2.21	8.44	10.92	6.32	11.23	10.86	10.87	71.96
1990	Critical	9.45	8.45	7.27	3.00	3.43	3.07	5.48	7.34	7.62	6.83	6.70	6.35	74.99
1991	Critical	4.15	3.19	2.75	1.61	2.08	2.20	4.29	5.30	2.13	6.15	5.95	5.67	45.47
1992	Critical	3.59	2.59	2.40	1.43	1.93	1.99	4.22	5.62	5.81	0.39	0.36	2.88	33.21
1993	Above Normal	7.24	0.65	9.22	1.40	4.55	5.90	8.21	9.28	4.17	9.95	10.88	9.87	81.32
1994	Critical	8.70	7.80	6.89	9.17	9.15	5.89	6.94	8.82	6.51	9.19	1.82	8.32	89.20
1995	Wet	0.95	2.35	11.23	1.12	4.07	5.45	9.69	9.96	10.45	10.08	10.99	9.65	85.99
1996	Wet	9.28	8.32	7.48	11.23	10.51	9.98	9.12	9.33	9.79	9.40	10.20	9.02	113.66
1997	Wet	8.69	7.80	7.05	11.23	10.15	11.23	8.48	8.96	9.38	9.08	9.98	8.75	110.78
1998	Wet	8.38	7.49	6.69	11.23	10.15	11.23	8.42	9.26	9.72	9.51	10.50	9.08	111.66
1999	Wet	8.64	8.77	8.52	11.23	10.15	11.23	8.48	9.17	9.61	9.27	10.10	8.93	114.10
2000	Above Normal	8.61	7.72	6.97	11.23	10.51	8.93	8.31	10.26	10.51	10.37	11.23	10.47	115.12
2001	Dry	8.53	7.63	6.64	4.97	5.01	3.75	6.38	8.65	8.94	8.04	7.92	7.50	83.96
2002	Dry	4.92	3.82	3.28	2.23	3.57	4.34	9.05	9.23	9.66	9.29	9.97	8.83	78.19
2003	Above Normal	8.50	3.20	9.28	2.26	3.39	4.18	6.91	8.83	0.73	10.56	11.23	10.63	79.70
	Average	7.69	6.85	6.80	7.10	7.08	7.39	7.80	8.86	7.92	9.11	9.33	8.72	94.64
	Wet	8.15	7.37	7.38	9.18	9.01	10.23	8.83	9.25	9.67	9.40	10.26	9.01	107.72
	Above Normal	8.10	6.22	8.19	6.70	7.27	7.47	8.13	9.01	7.52	9.72	10.53	9.65	98.48
	Below Normal	7.55	7.64	7.13	7.26	7.02	7.88	8.09	9.28	6.67	10.12	10.72	9.91	99.25
	Dry	7.41	6.50	5.85	6.00	5.81	5.38	7.66	9.34	8.11	9.48	9.27	8.98	89.76
	Critical	6.90	5.96	5.23	4.48	4.69	3.61	5.10	6.65	5.70	6.16	4.57	5.38	64.42

Energy generated (GWh) at Alamo Dam: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	11.23	10.87	11.13	2.47	4.01	6.06	8.43	8.66	9.10	8.75	9.54	8.41	98.66
1923	Below Normal	8.08	7.23	6.51	11.23	10.15	11.23	7.76	9.53	9.72	9.61	10.73	9.84	111.62
1924	Critical	8.14	7.24	6.30	5.07	5.18	3.67	4.83	6.47	6.71	6.02	5.90	5.59	71.12
1925	Dry	3.62	2.77	2.40	1.52	2.05	3.93	7.95	10.42	10.65	10.50	11.23	10.73	77.77
1926	Dry	8.45	7.54	6.52	2.96	3.60	4.01	6.37	8.94	9.16	9.02	9.93	9.22	85.72
1927	Wet	7.26	6.45	5.58	3.08	4.80	7.37	8.99	9.37	9.84	9.43	10.18	9.01	91.36
1928	Above Normal	8.69	7.80	7.07	11.23	10.51	7.28	8.96	9.26	9.69	9.29	9.97	8.86	108.61
1929	Critical	8.45	7.60	6.92	11.23	10.15	5.77	4.06	6.00	6.21	5.60	5.49	5.02	82.50
1930	Dry	3.42	2.59	2.25	1.44	2.34	2.68	6.52	8.52	8.81	8.34	8.77	8.22	63.90
1931	Critical	5.97	5.06	4.40	2.14	2.75	2.58	5.69	7.66	7.90	7.10	6.98	6.59	64.82
1932	Dry	4.15	3.39	2.91	1.74	2.97	3.37	6.28	8.07	8.28	8.10	8.78	8.18	66.22
1933	Critical	6.27	5.51	4.79	2.38	3.00	3.30	6.40	8.72	9.03	8.23	8.28	7.83	73.74
1934	Critical	5.32	4.21	3.64	1.88	2.32	2.68	6.12	8.23	8.50	7.63	1.18	0.29	52.00
1935	Below Normal	3.13	10.41	8.19	1.71	2.75	3.28	8.05	10.37	3.02	11.23	11.23	10.87	84.24
1936	Below Normal	9.03	8.10	6.98	3.02	4.37	8.67	8.98	9.77	10.24	9.82	10.62	9.39	98.99
1937	Below Normal	9.06	8.14	7.38	11.23	10.15	11.23	8.88	9.37	9.83	9.51	10.32	9.02	114.12
1938	Wet	8.63	7.74	6.96	11.23	10.15	11.23	8.49	9.02	9.49	9.23	10.24	8.87	111.28
1939	Dry	8.46	7.53	6.66	11.23	10.15	11.23	8.27	10.10	1.93	11.12	6.09	10.87	103.64
1940	Above Normal	10.02	1.41	10.58	1.05	1.76	4.29	8.05	10.52	7.72	10.91	11.23	10.87	88.41
1941	Wet	8.76	7.81	6.74	4.70	5.53	11.23	7.68	8.33	8.74	8.54	9.44	8.17	95.67
1942	Wet	7.78	6.93	6.14	11.23	10.15	11.23	9.87	8.65	9.09	8.78	9.62	8.45	107.92
1943	Wet	8.12	7.25	6.51	11.23	10.15	10.77	9.79	9.82	10.27	9.93	10.84	9.53	114.21
1944	Dry	9.15	8.20	7.36	9.23	8.82	5.30	6.49	8.43	8.63	8.37	8.97	8.39	97.34
1945	Below Normal	6.31	5.47	4.75	2.67	3.37	11.23	8.97	9.38	9.86	9.45	10.19	9.02	90.67
1946	Below Normal	8.69	7.80	7.68	11.23	8.45	8.01	8.50	8.91	9.34	8.98	9.80	8.66	106.05
1947	Dry	8.34	7.48	6.74	11.23	10.15	7.35	8.74	10.15	10.48	10.19	11.06	10.11	112.02
1948	Below Normal	8.68	7.78	6.86	7.72	7.52	4.22	6.13	6.25	0.31	11.23	11.23	10.87	88.80
1949	Dry	9.05	8.08	6.98	2.98	3.63	3.72	8.75	9.96	10.34	10.02	10.85	9.88	94.24
1950	Below Normal	8.61	7.73	6.85	2.47	2.85	3.10	7.34	9.35	0.31	11.23	11.23	10.87	81.94
1951	Above Normal	8.83	7.88	6.82	11.23	10.15	11.23	8.36	9.17	9.63	9.24	10.07	8.91	111.52
1952	Wet	8.59	7.69	6.94	11.23	10.51	8.91	7.30	7.74	8.09	7.95	8.81	7.62	101.38
1953	Wet	7.24	6.42	10.33	11.23	10.15	11.23	8.61	8.59	8.92	8.69	9.54	8.57	109.52
1954	Above Normal	7.80	6.96	6.19	10.60	10.15	8.18	8.19	10.44	10.63	9.47	11.23	10.87	110.71
1955	Dry	8.60	7.66	6.62	3.47	4.35	4.27	6.72	8.59	8.77	8.68	9.51	8.84	86.08
1956	Wet	6.92	6.15	5.32	9.41	10.51	11.23	9.57	10.08	10.57	10.15	11.09	9.80	110.80
1957	Above Normal	9.45	8.47	7.62	11.23	10.15	8.52	6.72	4.80	0.35	10.72	11.23	10.76	100.02
1958	Wet	8.34	7.44	6.44	3.43	6.06	11.23	9.73	10.27	10.76	10.41	11.23	9.98	105.32
1959	Below Normal	9.60	8.57	7.66	11.23	10.15	11.23	7.55	9.59	1.76	10.96	11.23	10.87	110.40
1960	Dry	8.70	7.77	6.68	2.82	3.10	3.40	8.68	10.86	5.83	11.23	7.73	10.87	87.67
1961	Dry	9.98	8.94	7.72	4.16	4.52	3.51	7.31	9.29	9.54	9.40	7.67	3.64	85.68
1962	Below Normal	0.99	6.81	11.23	1.13	1.72	4.00	7.40	9.50	0.32	11.23	11.23	10.87	76.43
1963	Wet	9.00	8.03	6.95	5.68	6.24	6.96	8.33	8.80	9.22	8.87	9.67	8.56	96.31
1964	Dry	8.25	7.38	8.36	11.23	6.18	6.33	8.93	9.13	9.59	9.20	9.97	8.82	103.37
1965	Wet	8.52	7.63	6.91	11.07	10.15	8.06	8.18	8.58	8.19	8.71	9.49	8.44	103.93
1966	Below Normal	7.97	7.13	6.41	11.23	10.15	8.73	7.90	9.82	8.92	10.01	11.16	10.29	109.72
1967	Wet	8.34	7.42	6.42	4.41	7.07	7.43	9.04	9.46	9.91	9.57	10.46	9.19	98.72
1968	Below Normal	8.83	7.89	7.09	11.23	10.51	11.23	8.89	9.35	9.62	9.43	10.51	9.61	114.19
1969	Wet	8.08	7.19	6.27	7.85	10.15	11.23	8.61	9.14	9.59	9.34	10.36	8.99	106.80
1970	Wet	8.67	7.53	6.75	11.23	10.15	11.23	8.43	9.17	9.63	9.23	10.06	8.90	110.98
1971	Wet	8.58	7.68	6.93	11.23	10.15	10.38	7.55	9.74	9.52	9.87	11.01	10.18	112.82
1972	Below Normal	8.09	7.19	6.22	3.93	5.69	6.46	8.09	9.92	10.17	9.99	11.04	10.16	96.95
1973	Above Normal	8.33	7.43	6.46	5.46	8.09	8.19	8.74	9.44	9.92	9.47	10.28	9.09	100.90
1974	Wet	8.77	7.86	7.11	11.23	10.15	11.23	9.56	9.27	9.75	9.36	10.26	9.04	113.59
1975	Wet	8.70	7.77	6.97	11.23	10.15	11.16	9.06	9.29	9.77	9.33	10.07	8.93	112.43
1976	Critical	8.59	7.71	7.00	11.23	10.51	7.32	7.57	9.70	1.72	10.88	6.78	10.87	99.88
1977	Critical	9.29	8.31	7.13	2.80	3.10	2.55	1.82	0.25	0.31	0.45	0.37	0.29	36.67
1978	Above Normal	0.11	2.05	10.47	1.22	3.09	5.74	8.18	8.90	9.29	8.97	9.75	8.72	76.49
1979	Below Normal	8.01	7.14	6.40	10.93	10.15	9.27	8.78	9.06	9.53	9.13	9.89	8.73	107.02
1980	Above Normal	8.38	7.50	6.79	11.23	10.51	11.23	7.98	8.61	9.03	8.81	9.70	8.42	108.19
1981	Dry	8.04	7.15	6.36	11.23	10.15	10.52	7.60	9.90	1.79	11.23	9.88	10.87	104.72
1982	Wet	9.25	8.27	7.10	5.42	6.12	11.23	10.22	9.92	10.41	10.08	11.12	9.70	108.84
1983	Wet	9.31	8.52	11.23	11.23	10.15	11.23	7.24	7.78	8.49	9.19	8.72	7.74	110.83
1984	Wet	8.25	7.41	11.23	11.23	10.51	11.23	8.42	9.28	9.71	9.34	10.18	9.02	115.81
1985	Dry	8.68	7.79	7.94	11.23	10.15	10.07	8.33	8.72	9.19	8.79	9.51	8.41	108.81
1986	Wet	8.10	7.27	6.59	11.23	10.15	10.18	9.50	9.81	10.30	9.96	10.91	9.51	113.51
1987	Dry	9.12	8.17	7.30	11.23	10.15	7.86	6.08	8.20	8.48	7.58	7.47	7.09	98.73
1988	Critical	4.67	3.60	3.09	1.70	2.52	2.25	4.21	5.60	5.81	5.26	5.13	4.85	48.69
1989	Dry	3.13	2.37	2.06	1.43	2.12	2.21	8.43	10.91	6.22	11.23	10.29	10.87	71.27
1990	Critical	9.52	8.52	7.32	2.99	3.43	3.07	5.48	7.35	7.62	6.83	6.71	6.35	75.19
1991	Critical	4.16	3.19	2.75	1.61	2.08	2.20	4.29	5.11	2.12	6.17	5.97	5.70	45.35
1992	Critical	3.61	2.41	2.53	1.43	1.92	1.99	4.22	5.61	5.81	0.39	0.36	2.83	33.11
1993	Above Normal	7.20	0.58	9.37	1.40	4.54	5.88	8.21	9.30	3.98	9.97	10.90	9.90	81.23
1994	Critical	8.71	7.81	6.90	9.10	9.09	5.86	6.94	8.82	6.53	9.19	1.82	8.31	89.08
1995	Wet	2.20	1.76	11.23	1.12	4.07	5.45	9.69	9.96	10.45	10.08	10.99	9.65	86.65
1996	Wet	9.28	8.32	7.48	5.88	6.60	7.15	8.94	9.14	9.59	9.20	10.01	8.85	100.44
1997	Wet	8.53	7.65	6.91	11.23	10.15	11.23	8.49	8.98	9.40	9.10	10.00	8.76	110.43
1998	Wet	8.40	7.50	6.70	11.23	10.15	11.23	8.41	8.78	9.20	8.97	9.86	8.59	109.02
1999	Wet	9.14	8.27	8.91	11.23	10.15	11.23	8.45	9.19	9.63	9.29	10.13	8.95	114.57
2000	Above Normal	8.63	7.74	6.98	11.23	10.51	8.90	8.30	10.33	10.57	10.44	11.23	10.57	115.43
2001	Dry	8.55	7.64	6.64	4.55	4.63	3.64	6.43	8.72	9.01	8.10	7.98	7.56	83.45
2002	Dry	4.96	3.85	3.30	2.24	3.57	4.34	9.02	9.20	9.63	9.26	9.94	8.81	78.12
2003	Above Normal	8.48	3.67	8.79	2.37	3.48	4.22	6.91	8.83	0.73	10.56	11.23	10.63	79.90
	Average	7.69	6.79	6.81	6.97	7.00	7.38	7.77	8.83	7.89	9.09	9.29	8.71	94.21
	Wet	8.18	7.31	7.41	8.87	8.86	10.09	8.78	9.16	9.56	9.33	10.17	8.96	106.66
	Above Normal	8.10	6.03	8.19	6.73	7.25	7.48	8.09	9.02	7.55	9.72	10.53	9.67	98.34
	Below Normal	7.51	7.67	7.16	7.21	7.00	7.99	8.09	9.30	6.64	10.13	10.74	9.93	99.37
	Dry	7.37	6.46	5.82	5.88	5.70	5.43	7.61	9.34	8.13	9.46	9.20	8.97	89.38
	Critical	6.89	5.93	5.23	4.46	4.67	3.60	5.14	6.63	5.69	6.15	4.58	5.38	64.35

Difference in Energy generated (GWh) at Alamo Dam: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
1923	Below Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.01	0.01
1924	Critical	0.00	0.01	0.00	(0.08)	(0.08)	(0.06)	(0.09)	(0.13)	(0.14)	(0.13)	(0.12)	(0.11)	(0.08)
1925	Dry	(0.08)	(0.06)	(0.05)	(0.02)	(0.03)	(0.03)	0.03	0.04	0.04	0.03	0.00	0.04	(0.01)
1926	Dry	0.02	0.02	0.02	0.01	(0.01)	0.00	(0.01)	(0.02)	(0.02)	(0.03)	(0.03)	(0.02)	(0.01)
1927	Wet	(0.02)	(0.02)	(0.02)	0.00	(0.02)	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00
1928	Above Normal	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01
1929	Critical	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.03	0.00
1930	Dry	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.02	0.09	0.01
1932	Dry	0.03	(0.03)	(0.02)	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.01)	0.00	0.00	(0.01)
1933	Critical	0.01	0.01	0.02	0.01	0.00	(0.03)	(0.01)	0.01	0.01	(0.02)	(0.05)	(0.04)	(0.01)
1934	Critical	(0.05)	(0.06)	(0.06)	(0.02)	(0.02)	0.01	0.03	0.04	0.04	0.04	0.10	0.00	0.00
1935	Below Normal	(0.93)	0.38	0.27	0.00	0.01	0.01	(0.05)	(0.06)	(0.48)	0.00	0.00	0.00	(0.07)
1936	Below Normal	0.01	0.01	0.01	(0.01)	0.02	(0.19)	0.00	0.00	(0.01)	0.00	0.00	(0.01)	(0.01)
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.47	(0.12)	(0.12)	(0.13)	(0.11)	(0.12)	(0.11)	(0.02)
1938	Wet	(0.11)	(0.10)	(0.10)	0.00	0.00	0.00	(0.07)	(0.91)	(0.92)	(0.28)	(0.91)	(0.07)	(0.29)
1939	Dry	(0.07)	(0.07)	(0.06)	0.00	0.00	0.00	(0.89)	0.13	0.12	(0.03)	(0.32)	0.00	(0.10)
1940	Above Normal	(0.03)	(2.83)	0.38	(0.38)	(0.32)	(0.09)	0.00	(0.01)	(0.03)	0.00	0.00	0.00	(0.28)
1941	Wet	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.04)	(0.02)
1943	Wet	(0.04)	(0.04)	(0.02)	0.00	0.00	0.37	0.16	(0.02)	(0.02)	(0.03)	(0.04)	(0.03)	0.02
1944	Dry	(0.03)	(0.02)	(0.01)	(1.78)	(1.60)	(0.56)	0.00	0.01	0.02	0.01	(0.01)	(0.01)	(0.33)
1945	Below Normal	(0.03)	(0.03)	(0.03)	(0.01)	(0.01)	0.00	0.01	0.01	0.02	0.01	0.01	0.01	0.00
1946	Below Normal	0.01	0.01	0.11	0.00	0.00	0.03	0.04	0.04	0.04	0.04	0.05	0.04	0.03
1947	Dry	0.04	0.04	0.03	0.00	0.00	0.01	0.00	0.04	0.03	0.04	0.05	0.05	0.03
1948	Below Normal	0.01	0.01	0.00	(0.20)	(0.19)	(0.06)	0.01	0.30	0.00	0.00	0.00	0.00	(0.01)
1949	Dry	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.01
1950	Below Normal	0.00	0.00	0.00	(0.09)	(0.09)	(0.02)	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.02)
1951	Above Normal	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.48)	(0.50)	(0.53)	(0.64)	(0.49)	(0.22)
1953	Wet	(0.45)	(0.39)	0.74	0.00	0.00	0.00	(1.77)	(0.19)	(0.09)	(0.10)	(0.14)	(0.15)	(0.21)
1954	Above Normal	(0.04)	(0.03)	(0.01)	0.64	0.00	0.30	0.06	0.08	0.62	(0.10)	0.00	0.01	0.13
1955	Dry	0.04	0.04	0.04	0.01	0.00	(0.01)	(0.05)	(0.07)	(0.07)	(0.07)	(0.08)	(0.07)	(0.02)
1956	Wet	(0.06)	(0.05)	(0.05)	(1.82)	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	(0.16)
1957	Above Normal	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.05	0.00	0.01	0.00	0.00	0.01
1958	Wet	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.20)	(0.25)	(0.01)	0.01	0.00	0.00	(0.04)
1960	Dry	(0.04)	(0.03)	(0.04)	(0.06)	(0.05)	0.01	0.01	(0.04)	0.64	0.00	0.53	0.00	0.08
1961	Dry	(0.20)	(0.18)	(0.14)	0.21	0.19	0.08	0.02	0.02	0.02	0.02	0.17	(0.01)	0.02
1962	Below Normal	0.17	(0.03)	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.01	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00
1965	Wet	(0.01)	0.00	0.00	0.05	0.00	(0.02)	0.00	0.02	(0.27)	0.04	0.05	0.05	(0.01)
1966	Below Normal	0.03	0.03	0.03	0.00	0.00	(0.03)	0.00	0.00	(0.02)	0.01	0.00	0.01	0.01
1967	Wet	0.00	0.01	0.00	(0.01)	(0.01)	0.00	0.00	(0.01)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)
1968	Below Normal	(0.01)	(0.02)	(0.01)	0.00	0.00	0.00	0.04	0.22	0.18	0.21	0.29	0.31	0.10
1969	Wet	0.07	0.06	0.02	(1.11)	0.00	0.00	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.10)
1970	Wet	(0.04)	(0.03)	(0.03)	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.00
1971	Wet	0.01	0.01	0.01	0.00	0.00	(0.01)	(0.02)	(0.02)	(0.28)	0.00	0.00	0.00	(0.03)
1972	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.01	0.01	0.04	(0.04)	0.01	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.35	(0.11)	(0.11)	(0.12)	(0.14)	(0.11)	(0.02)
1975	Wet	(0.10)	(0.09)	(0.07)	0.00	0.00	(0.07)	0.11	0.11	0.11	0.10	0.11	0.10	0.03
1976	Critical	0.10	0.09	0.08	0.00	0.00	0.04	(0.05)	(0.07)	(0.04)	(0.07)	0.14	0.00	0.02
1977	Critical	(0.09)	(0.09)	(0.08)	(0.01)	(0.01)	(0.01)	0.58	0.00	0.02	0.00	(0.01)	0.00	0.02
1978	Above Normal	0.00	0.17	(0.05)	0.00	0.00	(0.10)	(0.01)	0.41	0.37	0.41	0.50	0.57	0.19
1979	Below Normal	0.16	0.13	0.05	(0.30)	0.00	1.38	0.30	0.05	0.05	0.03	0.03	0.04	0.16
1980	Above Normal	0.04	0.04	0.05	0.00	0.00	0.00	(0.56)	(0.44)	(0.46)	(0.47)	(0.55)	(0.45)	(0.23)
1981	Dry	(0.42)	(0.38)	(0.31)	0.00	0.00	1.44	0.18	0.25	0.04	0.00	(0.64)	0.00	0.01
1982	Wet	0.13	0.11	0.10	0.05	0.06	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.04
1983	Wet	(0.10)	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(1.05)	0.22	0.01	0.00	0.00	0.00	0.01	(0.07)
1987	Dry	0.01	0.01	0.00	0.00	0.00	0.00	(0.22)	(0.31)	(0.32)	(0.28)	(0.28)	(0.26)	(0.14)
1988	Critical	(0.18)	(0.15)	(0.13)	(0.03)	(0.04)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.10)	0.00	(0.57)	0.00	(0.06)
1990	Critical	0.07	0.07	0.05	(0.01)	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.02
1991	Critical	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.19)	(0.01)	0.02	0.02	0.03	(0.01)
1992	Critical	0.02	(0.18)	0.13	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.05)	(0.01)
1993	Above Normal	(0.04)	(0.07)	0.15	0.00	(0.01)	(0.02)	0.00	0.02	(0.19)	0.02	0.02	0.03	(0.01)
1994	Critical	0.01	0.01	0.01	(0.07)	(0.06)	(0.03)	0.00	0.00	0.02	0.00	0.00	(0.01)	(0.01)
1995	Wet	1.25	(0.59)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1996	Wet	0.00	0.00	0.00	(5.35)	(3.91)	(2.83)	(0.18)	(0.19)	(0.20)	(0.20)	(0.19)	(0.17)	(1.10)
1997	Wet	(0.16)	(0.15)	(0.14)	0.00	0.00	0.00	0.01	0.02	0.02	0.02	0.02	0.01	(0.03)
1998	Wet	0.02	0.01	0.01	0.00	0.00	0.00	(0.01)	(0.48)	(0.52)	(0.54)	(0.64)	(0.49)	(0.22)
1999	Wet	0.50	(0.50)	0.39	0.00	0.00	0.00	(0.03)	0.02	0.02	0.02	0.03	0.02	0.04
2000	Above Normal	0.02	0.02	0.01	0.00	0.00	(0.03)	(0.01)	0.07	0.06	0.07	0.00	0.10	0.03
2001	Dry	0.02	0.01	0.00	(0.42)	(0.38)	(0.11)	0.05	0.07	0.07	0.06	0.06	0.06	(0.04)
2002	Dry	0.04	0.03	0.02	0.01	0.00	0.00	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.01)
2003	Above Normal	(0.02)	0.47	(0.49)	0.11	0.09	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.02
	Average	(0.01)	(0.05)	0.01	(0.13)	(0.08)	(0.01)	(0.03)	(0.03)	(0.03)	(0.02)	(0.04)	(0.01)	(0.04)
	Wet	0.03	(0.06)	0.03	(0.32)	(0.15)	(0.14)	(0.05)	(0.09)	(0.11)	(0.06)	(0.10)	(0.05)	(0.09)
	Above Normal	(0.00)	(0.19)	0.00	0.03	(0.02)	0.01	(0.05)	0.02	0.03	(0.00)	(0.00)	0.02	(0.01)
	Below Normal	(0.04)	0.04	0.03	(0.04)	(0.02)	0.11	0.00	0.02	(0.03)	0.01	0.02	0.02	0.01
	Dry	(0.04)	(0.03)	(0.03)	(0.11)	(0.10)	0.05	(0.05)	0.00	0.02	(0.02)	(0.06)	(0.01)	(0.03)
	Critical	(0.01)	(0.02)	0.00	(0.02)	(0.02)	(0.01)	0.04	(0.03)	(0.01)	(0.01)	0.01	(0.01)	(0.01)

Percent Difference in Energy generated (GWh) at Alamo Dam: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%
1925	Dry	-2%	-2%	-2%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1932	Dry	1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	-1%	-1%
1934	Critical	-1%	-1%	-2%	-1%	-1%	0%	0%	0%	0%	1%	9%	0%
1935	Below Normal	-23%	4%	3%	0%	0%	0%	-1%	-1%	-14%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	4%	-1%	-1%	-1%	-1%	-1%	-1%
1938	Wet	-1%	-1%	-1%	0%	0%	0%	-1%	-9%	-9%	-3%	-8%	-1%
1939	Dry	-1%	-1%	-1%	0%	0%	0%	-10%	1%	7%	0%	-5%	0%
1940	Above Normal	0%	-67%	4%	-27%	-15%	-2%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	-1%	0%	-1%	0%	-1%	0%
1943	Wet	0%	-1%	0%	0%	0%	4%	2%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	-16%	-15%	-10%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1947	Dry	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-3%	-2%	-1%	0%	5%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-4%	-3%	-1%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	-6%	-6%	-6%	-7%	-6%
1953	Wet	-6%	-6%	8%	0%	0%	0%	-17%	-2%	-1%	-1%	-1%	-2%
1954	Above Normal	-1%	0%	0%	6%	0%	4%	1%	1%	6%	-1%	0%	0%
1955	Dry	0%	1%	1%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-1%	-16%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	-3%	-3%	-1%	0%	0%	0%
1960	Dry	0%	0%	-1%	-2%	-2%	0%	0%	0%	12%	0%	7%	0%
1961	Dry	-2%	-2%	-2%	5%	4%	2%	0%	0%	0%	0%	2%	0%
1962	Below Normal	21%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	1%	1%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	2%	2%	2%	3%	3%
1969	Wet	1%	1%	0%	-12%	0%	0%	0%	-1%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	4%	-1%	-1%	-1%	-1%	-1%
1975	Wet	-1%	-1%	-1%	0%	0%	-1%	1%	1%	1%	1%	1%	1%
1976	Critical	1%	1%	1%	0%	0%	1%	-1%	-1%	-2%	-1%	2%	0%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	47%	0%	7%	0%	-3%	0%
1978	Above Normal	0%	9%	0%	0%	0%	-2%	0%	5%	4%	5%	5%	7%
1979	Below Normal	2%	2%	1%	-3%	0%	17%	4%	1%	1%	0%	0%	0%
1980	Above Normal	0%	1%	1%	0%	0%	0%	-7%	-5%	-5%	-5%	-5%	-5%
1981	Dry	-5%	-5%	-5%	0%	0%	16%	2%	3%	2%	0%	-6%	0%
1982	Wet	1%	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-9%	2%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-3%	-4%	-4%	-4%	-4%	-4%
1988	Critical	-4%	-4%	-4%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	-5%	0%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-4%	0%	0%	0%	1%
1992	Critical	1%	-7%	5%	0%	-1%	0%	0%	0%	0%	0%	0%	-2%
1993	Above Normal	-1%	-11%	2%	0%	0%	0%	0%	0%	-5%	0%	0%	0%
1994	Critical	0%	0%	0%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%
1995	Wet	132%	-25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	-48%	-37%	-28%	-2%	-2%	-2%	-2%	-2%	-2%
1997	Wet	-2%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	-5%	-5%	-6%	-6%	-5%
1999	Wet	6%	-6%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	0%	1%
2001	Dry	0%	0%	0%	-8%	-8%	-3%	1%	1%	1%	1%	1%	1%
2002	Dry	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	15%	-5%	5%	3%	1%	0%	0%	0%	0%	0%	0%
	Average	1%	-1%	0%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
	Wet	5%	-2%	0%	-3%	-1%	-1%	0%	-1%	-1%	-1%	-1%	-1%
	Above Normal	0%	-4%	0%	-1%	-1%	0%	-1%	0%	0%	0%	0%	0%
	Below Normal	0%	0%	0%	-1%	0%	1%	0%	0%	-1%	0%	0%	0%
	Dry	0%	-1%	0%	-1%	-1%	0%	-1%	0%	1%	0%	-1%	0%
	Critical	0%	-1%	0%	0%	0%	0%	4%	0%	0%	0%	1%	0%

Energy generated (GWh) at Castaic: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	96.83	76.46	51.63	15.36	33.78	61.03	70.96	63.60	61.30	64.76	65.42	60.47	721.60
1923	Below Normal	51.36	47.02	39.28	76.68	84.29	88.44	63.13	62.64	59.65	69.49	64.89	54.42	761.29
1924	Critical	40.75	37.34	25.24	22.34	20.20	24.28	31.65	29.84	27.79	32.94	24.70	17.94	335.01
1925	Dry	1.31	0.14	0.10	5.39	11.36	59.02	52.80	67.29	64.36	76.54	70.15	57.40	465.86
1926	Dry	42.27	38.80	24.93	15.73	15.66	30.40	39.54	58.53	55.43	65.93	60.39	49.39	497.00
1927	Wet	34.99	31.93	19.58	11.03	19.04	70.10	76.92	70.37	68.32	72.17	72.91	67.54	614.90
1928	Above Normal	58.66	53.72	45.45	50.78	52.17	38.62	77.46	70.03	67.92	72.01	72.56	66.96	726.34
1929	Critical	57.92	52.98	44.50	44.97	40.04	29.46	27.61	27.61	25.26	30.02	22.58	16.37	419.32
1930	Dry	0.61	0.14	0.10	4.06	12.87	22.30	47.81	46.77	44.27	52.35	44.33	34.72	310.33
1931	Critical	18.31	15.29	6.96	13.39	13.12	20.96	35.17	33.68	31.99	38.27	28.49	20.61	276.24
1932	Dry	3.01	0.64	0.10	9.30	12.69	27.12	51.90	50.95	47.82	56.71	51.04	41.33	352.61
1933	Critical	26.72	23.89	13.42	14.42	14.08	24.17	38.95	40.78	39.04	46.39	36.11	26.89	344.86
1934	Critical	8.80	5.73	0.10	12.44	11.51	21.84	37.07	35.77	34.29	40.81	1.73	1.40	211.49
1935	Below Normal	24.38	27.30	17.27	12.55	13.64	25.42	67.16	67.61	64.72	83.21	76.34	62.37	541.97
1936	Below Normal	46.88	43.06	28.21	16.65	14.93	92.25	63.90	73.06	71.11	75.18	75.94	70.31	671.48
1937	Below Normal	61.49	56.35	47.87	49.89	69.34	92.30	60.68	67.82	65.71	69.51	70.21	64.71	775.88
1938	Wet	55.49	51.02	42.96	61.60	72.64	89.82	53.25	61.01	58.73	62.07	62.67	57.48	728.74
1939	Dry	47.86	44.18	40.77	65.87	84.52	92.93	76.35	65.70	47.47	82.24	76.35	70.20	794.44
1940	Above Normal	55.33	50.81	55.81	14.56	13.73	35.13	66.72	68.08	65.25	80.50	73.85	60.39	640.16
1941	Wet	45.02	41.36	26.91	21.19	32.63	92.27	48.02	56.30	53.73	56.87	57.40	52.67	584.37
1942	Wet	43.02	39.60	32.45	83.29	54.96	92.94	84.76	62.84	60.50	63.98	64.62	59.63	742.59
1943	Wet	50.42	46.22	38.55	53.32	66.39	92.92	78.52	70.21	68.10	71.96	72.76	67.18	776.55
1944	Dry	58.04	53.40	45.15	46.25	41.27	33.03	51.34	50.48	47.47	56.31	49.75	39.87	572.36
1945	Below Normal	24.55	21.59	11.72	18.36	15.69	81.08	63.70	70.22	68.18	72.11	72.77	67.38	587.35
1946	Below Normal	58.51	53.57	76.32	47.30	61.38	76.12	72.15	66.10	63.84	67.45	68.20	63.11	774.05
1947	Dry	54.14	49.53	41.60	51.50	46.46	42.20	74.21	70.50	67.99	76.50	73.32	63.69	711.64
1948	Below Normal	51.41	47.12	35.40	30.91	27.52	24.89	37.17	60.26	1.53	84.49	77.45	63.35	541.50
1949	Dry	47.77	43.87	28.83	19.79	16.41	27.95	74.42	70.13	67.71	75.64	72.84	63.82	609.18
1950	Below Normal	51.99	47.63	36.37	19.36	17.02	24.06	61.56	61.03	1.50	82.46	75.52	61.75	540.25
1951	Above Normal	46.26	42.51	45.87	73.01	83.50	92.27	58.39	68.04	65.91	69.53	70.32	65.11	780.72
1952	Wet	56.16	51.43	43.35	68.66	72.12	65.59	57.79	52.61	49.87	52.86	53.39	48.71	672.54
1953	Wet	38.76	35.84	60.24	59.26	53.57	92.95	89.03	62.37	58.85	65.09	63.31	56.20	735.47
1954	Above Normal	45.17	41.27	31.69	40.57	39.12	55.87	67.06	67.01	64.00	76.76	71.41	58.48	658.41
1955	Dry	43.24	39.72	25.65	14.65	14.85	32.17	57.69	57.13	53.86	63.94	58.83	48.11	509.84
1956	Wet	33.82	30.84	18.73	60.54	86.50	92.28	67.06	73.58	71.67	75.63	76.44	70.76	757.85
1957	Above Normal	61.85	56.81	48.30	55.07	53.69	50.53	57.09	56.32	1.60	79.31	72.67	59.45	652.69
1958	Wet	44.19	40.54	26.25	6.28	39.95	81.95	64.64	71.62	69.65	73.55	74.47	68.54	661.63
1959	Below Normal	59.29	54.69	46.33	65.48	62.29	90.79	64.47	64.09	56.57	80.46	73.62	60.19	778.27
1960	Dry	44.89	41.19	26.75	15.18	13.64	24.18	71.72	71.32	68.63	85.97	79.27	72.49	615.23
1961	Dry	56.94	52.37	36.24	18.45	17.47	23.52	61.19	60.67	57.61	68.48	62.78	54.89	570.61
1962	Below Normal	14.74	70.92	30.00	12.94	11.48	32.60	61.93	62.02	1.54	83.81	76.85	62.87	521.70
1963	Wet	47.26	43.47	28.56	32.38	40.80	65.88	71.20	65.53	63.23	66.66	67.51	62.52	655.00
1964	Dry	53.53	48.97	72.15	35.30	44.25	48.14	76.33	68.50	66.37	70.10	70.87	65.61	720.12
1965	Wet	56.70	51.89	43.77	63.63	70.68	66.47	70.05	63.28	60.78	65.43	65.51	59.91	738.10
1966	Below Normal	50.33	45.98	37.63	64.48	71.20	64.97	64.32	63.67	60.73	72.50	67.17	55.55	718.53
1967	Wet	41.15	37.72	24.78	12.05	42.76	67.28	75.23	68.16	66.02	69.88	70.62	65.11	640.76
1968	Below Normal	55.98	51.42	50.52	74.30	59.07	92.89	74.47	62.08	59.38	67.43	64.07	55.21	766.82
1969	Wet	42.81	39.16	28.24	64.56	80.95	92.28	53.96	61.63	59.32	62.79	63.43	58.13	707.26
1970	Wet	57.91	35.07	37.23	58.78	67.03	92.57	66.32	67.96	65.86	69.66	70.29	65.03	753.71
1971	Wet	56.09	51.35	43.28	76.91	59.20	70.51	62.10	62.85	59.81	71.41	65.48	53.52	732.51
1972	Below Normal	38.71	35.47	22.35	7.35	32.41	59.87	67.01	65.59	62.79	73.21	68.19	57.04	589.99
1973	Above Normal	43.11	39.52	26.86	14.43	48.99	86.23	61.32	70.28	68.33	72.08	72.85	67.44	671.44
1974	Wet	58.55	53.63	45.37	76.21	84.50	92.89	75.96	67.29	65.23	68.87	69.59	64.20	822.29
1975	Wet	55.06	50.57	42.55	58.64	56.05	89.75	76.92	69.16	67.13	70.82	71.60	66.29	774.54
1976	Critical	57.40	52.54	44.36	50.63	47.29	41.47	63.86	63.67	46.87	80.86	73.96	67.09	690.00
1977	Critical	51.32	47.11	31.28	15.26	13.74	19.67	27.52	6.15	1.66	1.83	1.75	1.40	218.69
1978	Above Normal	0.18	0.14	0.10	12.06	12.55	56.60	69.61	63.25	60.97	64.42	65.09	60.13	465.10
1979	Below Normal	51.05	46.69	38.98	49.90	69.00	92.25	58.80	65.88	63.76	67.29	67.99	62.82	734.41
1980	Above Normal	53.72	49.23	41.31	54.27	80.52	92.30	52.70	60.52	58.12	61.55	62.17	56.96	723.37
1981	Dry	47.28	43.67	36.19	60.28	58.90	61.13	62.45	63.16	7.24	84.56	77.38	65.34	667.58
1982	Wet	49.70	45.61	30.13	29.87	38.51	92.26	65.80	63.43	66.23	70.05	70.73	65.04	687.36
1983	Wet	65.03	60.48	92.04	50.75	84.14	92.29	44.95	44.25	51.69	52.06	40.89	45.02	723.59
1984	Wet	44.40	41.63	91.95	58.96	87.53	92.28	59.28	69.11	66.94	70.80	71.52	66.23	820.63
1985	Dry	57.33	52.50	75.35	42.92	54.99	78.33	71.61	65.66	63.49	67.00	67.65	62.68	759.51
1986	Wet	53.72	49.11	41.21	46.51	41.82	92.29	62.41	68.35	66.31	69.91	70.83	65.19	727.66
1987	Dry	55.88	51.49	43.38	57.21	53.36	36.58	38.05	36.92	35.61	42.03	31.53	22.84	504.88
1988	Critical	4.25	1.29	0.10	8.73	12.77	19.19	28.34	26.17	23.67	28.23	21.15	15.39	189.28
1989	Dry	0.18	0.14	0.10	2.64	11.90	19.43	69.46	70.49	67.58	85.25	78.12	66.09	471.38
1990	Critical	50.29	46.25	30.68	15.57	14.62	22.14	34.21	32.65	30.88	36.73	27.42	19.90	361.34
1991	Critical	2.48	0.14	0.10	7.01	11.10	18.77	28.68	26.70	24.58	33.15	24.61	17.82	195.14
1992	Critical	1.27	0.14	0.10	5.34	11.08	19.03	28.39	26.11	23.64	1.66	1.73	30.22	148.71
1993	Above Normal	15.97	0.14	20.19	12.18	34.27	58.79	69.15	64.86	62.26	73.32	70.94	62.32	544.39
1994	Critical	50.72	46.43	35.56	38.06	32.84	38.44	58.66	57.97	54.77	67.74	26.92	63.55	571.66
1995	Wet	19.41	73.81	62.28	12.79	28.64	49.32	79.42	71.74	69.73	73.58	74.53	68.79	684.04
1996	Wet	59.71	54.91	46.54	66.08	71.40	81.65	77.35	69.44	67.35	71.14	71.91	66.55	804.03
1997	Wet	57.63	52.79	44.59	67.81	79.12	92.58	63.84	63.33	61.01	64.38	65.15	60.07	772.30
1998	Wet	50.78	46.64	38.93	58.18	81.67	88.32	68.07	62.21	59.82	63.30	64.07	58.71	740.70
1999	Wet	56.18	56.86	49.62	58.03	81.58	92.96	74.06	68.43	66.17	69.95	70.80	65.52	810.16
2000	Above Normal	56.59	51.81	43.70	53.30	53.63	56.73	69.47	68.62	65.71	76.68	71.57	59.89	727.70
2001	Dry	45.82	42.06	28.95	21.32	19.13	24.37	38.35	37.61	36.23	43.16	32.27	23.33	392.60
2002	Dry	4.54	1.53	0.10	0.10	12.44	33.24	78.55	70.67	68.50	72.41	73.30	67.89	483.27
2003	Above Normal	59.07	54.05	64.67	7.27	16.14	34.12	59.01	58.57	1.40	78.72	72.27	59.07	564.36
	Average	43.20	40.39	34.79	36.59	42.81	59.20	60.49	59.36	52.66	64.96	61.03	54.52	609.99
	Wet	49.00	46.67	42.31	50.67	61.31	83.94	67.96	64.89	63.16	67.11	67.02	61.71	725.74
	Above Normal	49.40	43.04	39.63	33.57	43.51	59.85	64.91	64.93	53.56	72.47	70.09	61.39	656.36
	Below Normal	45.76	46.34	37.02	39.01	43.52	67.00	62.89	65.15	50.07	74.90	71.37	61.51	664.54
	Dry	36.92	33.57	29.25	27.00	30.12	39.78	60.77	60.14	53.76	68.06	62.79	53.87	556.02
	Critical	30.85	27.43	19.37	20.68	20.20	24.95	36.68	33.93	30.37	36.55	24.26	24.88	330.15

Energy generated (GWh) at Castaic: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	96.83	76.46	51.63	15.36	33.78	61.03	70.96	63.60	61.31	64.77	65.43	60.47	721.63
1923	Below Normal	51.36	47.02	39.28	62.92	84.28	88.26	63.12	62.66	59.66	69.55	64.92	54.41	747.44
1924	Critical	40.72	37.30	25.18	21.88	19.92	24.02	31.20	29.34	27.23	32.27	24.21	17.59	330.86
1925	Dry	1.10	0.14	0.10	5.07	11.29	53.30	52.99	67.49	64.57	76.79	70.38	57.59	460.81
1926	Dry	42.44	38.96	25.06	15.74	15.63	30.30	39.33	58.37	55.27	65.74	60.21	49.24	496.29
1927	Wet	34.85	31.80	19.48	11.11	18.81	70.11	77.01	70.46	68.41	72.26	73.01	67.62	614.93
1928	Above Normal	58.75	53.80	45.53	50.84	52.20	38.60	77.43	70.04	67.93	72.06	72.58	66.94	726.70
1929	Critical	57.86	52.92	44.41	44.83	39.92	29.41	27.61	27.60	25.25	30.01	22.57	16.37	418.76
1930	Dry	0.57	0.14	0.10	4.01	12.87	22.30	47.80	46.76	44.26	52.34	44.32	34.71	310.18
1931	Critical	18.30	15.27	6.95	13.38	13.14	20.99	35.21	33.73	32.04	38.34	28.54	20.64	276.53
1932	Dry	2.93	0.50	0.10	9.19	12.68	27.18	52.05	51.11	47.96	56.88	51.29	41.57	353.44
1933	Critical	27.02	24.19	13.65	14.44	14.09	24.04	38.54	40.33	38.66	45.96	35.53	26.34	342.79
1934	Critical	8.14	5.07	0.10	11.86	11.45	21.89	37.20	35.92	34.45	41.01	2.13	1.40	210.62
1935	Below Normal	24.52	28.86	18.47	12.55	13.64	25.43	66.83	67.25	64.35	82.95	76.10	62.17	543.12
1936	Below Normal	46.70	42.89	28.07	16.76	15.01	92.25	63.87	73.03	71.09	75.16	75.91	70.28	671.02
1937	Below Normal	61.46	56.33	47.85	49.90	68.91	92.30	59.45	66.68	64.53	68.26	68.95	63.52	768.14
1938	Wet	54.25	49.89	41.91	78.81	76.40	92.55	57.21	60.26	57.95	61.25	61.84	56.69	749.01
1939	Dry	47.04	43.44	40.08	65.72	82.59	92.93	69.06	67.37	64.58	82.37	76.76	70.86	802.80
1940	Above Normal	56.27	51.67	63.58	13.10	12.46	34.59	66.70	68.06	65.22	80.49	73.85	60.39	646.38
1941	Wet	45.02	41.36	26.91	21.21	32.63	92.27	48.02	56.30	53.73	56.86	57.40	52.67	584.38
1942	Wet	43.02	39.60	32.45	83.29	54.55	92.94	84.58	62.77	60.42	63.90	64.54	59.57	741.63
1943	Wet	50.38	46.17	38.50	51.85	62.06	92.92	80.56	70.38	68.28	72.15	72.95	67.38	773.58
1944	Dry	58.27	53.58	45.32	43.32	38.63	32.26	51.04	50.17	47.19	55.97	49.29	39.43	564.47
1945	Below Normal	24.01	21.04	11.31	18.22	15.63	80.19	63.81	70.32	68.28	72.22	72.88	67.48	585.39
1946	Below Normal	58.61	53.67	76.41	47.30	61.38	76.36	72.43	66.38	64.13	67.76	68.51	63.40	776.34
1947	Dry	54.44	49.81	41.85	51.86	46.48	41.92	74.06	70.53	68.00	76.70	73.36	63.56	712.57
1948	Below Normal	51.15	46.88	35.04	30.29	26.97	24.69	37.21	60.43	1.53	84.46	77.43	63.33	539.41
1949	Dry	47.75	43.86	28.82	19.75	16.44	27.88	74.40	70.14	67.72	75.70	72.86	63.80	609.12
1950	Below Normal	51.93	47.57	36.29	18.98	16.68	23.96	61.55	61.01	1.50	82.45	75.51	61.74	539.17
1951	Above Normal	46.25	42.50	44.30	73.01	65.83	92.27	58.39	68.04	65.91	69.53	70.32	65.11	761.46
1952	Wet	56.16	51.43	43.35	70.08	72.12	65.59	57.79	51.79	48.98	51.91	52.43	48.00	669.63
1953	Wet	38.25	35.17	59.64	52.71	65.76	92.95	73.59	61.57	58.87	64.55	63.24	56.63	722.93
1954	Above Normal	46.00	42.03	32.85	42.53	41.52	58.69	67.43	67.44	64.45	76.76	71.55	58.59	669.84
1955	Dry	43.34	39.82	25.73	14.95	14.84	32.08	57.29	56.70	53.42	63.42	58.36	47.72	507.67
1956	Wet	33.46	30.50	18.47	60.00	86.50	92.28	67.12	73.63	71.72	75.68	76.50	70.82	756.68
1957	Above Normal	61.91	56.86	48.34	58.79	53.64	50.50	57.12	56.35	1.60	79.31	72.67	59.45	656.54
1958	Wet	44.19	40.53	26.25	6.28	39.95	81.95	64.64	71.62	69.65	73.55	74.47	68.54	661.62
1959	Below Normal	59.29	54.69	46.33	65.73	62.57	87.34	63.12	62.64	30.10	81.27	74.33	60.75	748.16
1960	Dry	45.44	41.67	27.11	15.08	13.56	24.31	71.89	71.33	68.65	85.78	79.24	71.82	615.88
1961	Dry	56.48	51.94	36.10	19.11	18.07	23.75	61.31	60.81	57.74	68.64	62.93	54.82	571.70
1962	Below Normal	13.08	71.29	30.51	12.94	11.48	32.60	61.93	62.02	1.54	83.81	76.85	62.88	520.93
1963	Wet	47.27	43.48	28.56	32.38	40.80	65.88	71.20	65.53	63.23	66.66	67.51	62.52	655.02
1964	Dry	53.53	48.97	72.15	35.28	44.14	48.47	76.29	68.47	66.33	70.06	70.83	65.58	720.10
1965	Wet	56.67	51.86	43.74	63.82	70.73	65.71	70.06	63.36	60.87	65.85	65.86	60.16	738.69
1966	Below Normal	50.53	46.16	37.73	64.13	70.84	64.77	64.32	63.68	60.74	72.53	67.19	55.56	718.18
1967	Wet	41.15	37.73	24.77	11.93	42.73	67.28	75.24	68.15	66.00	69.86	70.60	65.10	640.54
1968	Below Normal	55.97	51.41	43.32	80.83	59.20	92.89	74.10	62.27	59.48	68.57	64.38	54.59	767.01
1969	Wet	41.44	37.92	26.31	39.70	71.83	92.28	53.53	61.23	58.90	62.35	62.99	57.71	666.19
1970	Wet	57.47	34.67	36.86	82.00	65.37	92.48	64.30	68.08	65.99	69.79	70.42	65.15	772.58
1971	Wet	56.22	51.47	43.38	76.93	81.18	70.22	61.98	62.71	59.67	71.51	65.56	53.59	754.42
1972	Below Normal	38.77	35.53	22.40	7.48	32.54	59.90	67.00	65.56	62.77	73.16	68.16	57.03	590.30
1973	Above Normal	43.10	39.51	26.87	14.49	49.05	86.27	61.32	70.30	68.34	72.10	72.87	67.45	671.67
1974	Wet	58.57	53.65	45.38	62.05	76.45	92.89	80.15	67.10	65.02	68.65	69.37	64.04	803.32
1975	Wet	54.94	50.42	42.41	59.36	58.54	86.43	77.72	69.92	67.92	71.66	72.44	67.07	778.83
1976	Critical	58.20	53.28	45.05	51.22	47.50	41.37	63.48	63.26	46.87	80.26	73.41	66.47	690.37
1977	Critical	50.75	46.58	30.87	15.24	13.72	19.66	27.52	6.15	1.66	1.83	1.75	1.40	217.13
1978	Above Normal	0.18	0.14	0.10	12.06	12.55	54.72	69.06	64.19	61.77	67.23	66.27	59.54	467.81
1979	Below Normal	49.12	44.95	35.75	42.43	38.73	75.51	74.25	66.69	64.59	68.16	68.87	63.68	692.73
1980	Above Normal	54.64	50.04	42.06	49.50	72.09	92.30	50.97	58.96	56.47	59.80	60.40	55.44	702.67
1981	Dry	45.86	42.23	34.86	58.44	54.75	66.30	63.68	64.59	33.63	83.73	76.64	65.63	690.34
1982	Wet	49.94	45.86	30.34	29.90	38.59	92.26	65.80	63.44	66.23	70.06	70.73	65.05	688.20
1983	Wet	55.69	70.11	92.04	50.75	84.14	92.29	44.95	44.25	51.69	52.06	40.89	45.02	723.88
1984	Wet	44.40	41.63	91.95	58.96	87.53	92.28	59.28	69.12	66.95	70.80	71.53	66.23	820.66
1985	Dry	57.33	52.50	75.36	42.91	54.99	78.33	71.61	65.66	63.49	67.00	67.65	62.68	759.51
1986	Wet	53.72	49.11	41.21	46.51	41.82	83.04	72.00	68.37	66.32	69.93	70.84	65.20	728.07
1987	Dry	55.89	51.49	43.39	57.21	53.37	36.60	37.02	35.77	34.34	40.51	30.41	22.04	498.04
1988	Critical	3.77	0.90	0.10	8.40	12.75	19.19	28.34	26.17	23.67	28.23	21.15	15.39	188.06
1989	Dry	0.18	0.14	0.10	2.62	11.89	19.41	69.40	70.43	67.52	85.25	78.12	66.82	471.88
1990	Critical	50.97	46.87	31.15	15.56	14.62	22.15	34.22	32.66	30.88	36.74	27.42	19.90	363.14
1991	Critical	2.49	0.14	0.10	7.01	11.10	18.77	28.68	26.70	24.70	33.33	24.73	17.90	195.65
1992	Critical	1.32	0.14	0.10	6.02	11.08	19.03	28.39	26.10	23.63	1.66	1.73	30.22	149.42
1993	Above Normal	15.96	0.14	20.37	12.18	34.23	58.55	69.13	64.89	62.29	73.72	71.28	62.57	545.31
1994	Critical	50.92	46.61	35.67	37.84	32.67	38.37	58.66	57.97	54.78	67.71	26.92	63.53	571.65
1995	Wet	7.86	79.25	62.24	12.79	28.63	49.32	79.42	71.74	69.73	73.58	74.53	68.79	677.88
1996	Wet	59.71	54.91	46.54	40.89	50.37	69.76	76.02	68.15	66.01	69.73	70.48	65.24	737.81
1997	Wet	56.31	51.54	43.45	73.51	60.28	92.62	64.94	63.50	61.19	64.56	65.34	60.25	757.49
1998	Wet	50.97	46.81	39.09	58.48	72.61	92.96	68.02	61.34	58.87	62.29	63.05	57.95	732.44
1999	Wet	57.90	53.79	48.97	51.48	68.35	92.61	66.24	68.52	66.27	70.05	70.91	65.61	780.70
2000	Above Normal	56.69	51.91	43.79	53.47	53.89	55.84	69.22	68.67	65.73	77.05	71.66	59.67	727.59
2001	Dry	45.33	41.62	28.29	20.02	17.97	24.11	38.59	37.88	36.53	43.51	32.52	23.52	389.89
2002	Dry	4.66	1.62	0.10	0.10	12.55	33.20	78.34	70.47	68.28	72.19	73.07	67.68	482.26
2003	Above Normal	58.86	53.84	64.23	7.90	16.72	34.33	59.00	58.56	1.40	78.71	72.26	59.06	564.87
	Average	42.86	40.48	34.69	35.96	41.45	58.68	60.44	59.30	52.79	64.92	60.96	54.44	606.99
	Wet	48.07	46.95	42.08	49.49	59.57	83.23	67.75	64.74	63.03	66.98	66.90	61.64	720.43
	Above Normal	49.62	43.24	40.30	33.60	41.50	59.81	64.73	64.93	53.54	72.63	70.10	61.22	655.21
	Below Normal	45.46	46.31	36.34	37.89	41.28	65.46	63.79	65.04	48.16	75.02	71.43	61.49	657.67
	Dry	36.81	33.47	29.15	26.69	29.60	39.70	60.34	60.23	56.08	67.92	62.68	53.84	556.50
	Critical	30.87	27.44	19.44	20.64	20.16	24.91	36.59	33.83	30.32	36.45	24.17	24.76	329.58

Difference in Energy generated (GWh) at Castaic: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	(13.76)	(0.01)	(0.18)	(0.01)	0.02	0.01	0.06	0.03	(0.01)	(1.15)
1924	Critical	(0.03)	(0.04)	(0.06)	(0.46)	(0.28)	(0.26)	(0.45)	(0.50)	(0.56)	(0.67)	(0.49)	(0.35)	(0.35)
1925	Dry	(0.21)	0.00	0.00	(0.32)	(0.07)	(5.72)	0.19	0.20	0.21	0.25	0.23	0.19	(0.42)
1926	Dry	0.17	0.16	0.13	0.01	(0.03)	(0.10)	(0.21)	(0.16)	(0.16)	(0.19)	(0.18)	(0.15)	(0.06)
1927	Wet	(0.14)	(0.13)	(0.10)	0.08	(0.23)	0.01	0.09	0.09	0.09	0.09	0.10	0.08	0.00
1928	Above Normal	0.09	0.08	0.08	0.06	0.03	(0.02)	(0.03)	0.01	0.01	0.05	0.02	(0.02)	0.03
1929	Critical	(0.06)	(0.06)	(0.09)	(0.14)	(0.12)	(0.05)	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00	(0.05)
1930	Dry	(0.04)	0.00	0.00	(0.05)	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
1931	Critical	(0.01)	(0.02)	(0.01)	(0.01)	0.02	0.03	0.04	0.05	0.05	0.07	0.05	0.03	0.02
1932	Dry	(0.08)	(0.14)	0.00	(0.11)	(0.01)	0.06	0.15	0.16	0.14	0.17	0.25	0.24	0.07
1933	Critical	0.30	0.30	0.23	0.02	0.01	(0.13)	(0.41)	(0.45)	(0.38)	(0.43)	(0.58)	(0.55)	(0.17)
1934	Critical	(0.66)	(0.66)	0.00	(0.58)	(0.06)	0.05	0.13	0.15	0.16	0.20	0.40	0.00	(0.07)
1935	Below Normal	0.14	1.56	1.20	0.00	0.00	0.01	(0.33)	(0.36)	(0.37)	(0.26)	(0.24)	(0.20)	0.10
1936	Below Normal	(0.18)	(0.17)	(0.14)	0.11	0.08	0.00	(0.03)	(0.03)	(0.02)	(0.02)	(0.03)	(0.03)	(0.04)
1937	Below Normal	(0.03)	(0.02)	(0.02)	0.01	(0.43)	0.00	(1.23)	(1.14)	(1.18)	(1.25)	(1.26)	(1.19)	(0.64)
1938	Wet	(1.24)	(1.13)	(1.05)	17.21	3.76	2.73	3.96	(0.75)	(0.78)	(0.82)	(0.83)	(0.79)	1.69
1939	Dry	(0.82)	(0.74)	(0.69)	(0.15)	(1.93)	0.00	(7.29)	1.67	17.11	0.13	0.41	0.66	0.70
1940	Above Normal	0.94	0.86	7.77	(1.46)	(1.27)	(0.54)	(0.02)	(0.02)	(0.03)	(0.01)	0.00	0.00	0.52
1941	Wet	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	(0.41)	0.00	(0.18)	(0.07)	(0.08)	(0.08)	(0.08)	(0.06)	(0.08)
1943	Wet	(0.04)	(0.05)	(0.05)	(1.47)	(4.33)	0.00	2.04	0.17	0.18	0.19	0.19	0.20	(0.25)
1944	Dry	0.23	0.18	0.17	(2.93)	(2.64)	(0.77)	(0.30)	(0.31)	(0.28)	(0.34)	(0.46)	(0.44)	(0.66)
1945	Below Normal	(0.54)	(0.55)	(0.41)	(0.14)	(0.06)	(0.89)	0.11	0.10	0.10	0.11	0.11	0.10	(0.16)
1946	Below Normal	0.10	0.10	0.09	0.00	0.00	0.24	0.28	0.28	0.29	0.31	0.31	0.29	0.19
1947	Dry	0.30	0.28	0.25	0.36	0.02	(0.28)	(0.15)	0.03	0.01	0.20	0.04	(0.13)	0.08
1948	Below Normal	(0.26)	(0.24)	(0.36)	(0.62)	(0.55)	(0.20)	0.04	0.17	0.00	(0.03)	(0.02)	(0.02)	(0.17)
1949	Dry	(0.02)	(0.01)	(0.01)	(0.04)	0.03	(0.07)	(0.02)	0.01	0.01	0.06	0.02	(0.02)	0.00
1950	Below Normal	(0.06)	(0.06)	(0.08)	(0.38)	(0.34)	(0.10)	(0.01)	(0.02)	0.00	(0.01)	(0.01)	(0.01)	(0.09)
1951	Above Normal	(0.01)	(0.01)	(1.57)	0.00	(17.67)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.61)
1952	Wet	0.00	0.00	0.00	1.42	0.00	0.00	0.00	(0.82)	(0.89)	(0.95)	(0.96)	(0.71)	(0.24)
1953	Wet	(0.51)	(0.67)	(0.60)	(6.55)	12.19	0.00	(15.44)	(0.80)	0.02	(0.54)	(0.07)	0.43	(1.05)
1954	Above Normal	0.83	0.76	1.16	1.96	2.40	2.82	0.37	0.43	0.45	0.00	0.14	0.11	0.95
1955	Dry	0.10	0.10	0.08	0.30	(0.01)	(0.09)	(0.40)	(0.43)	(0.44)	(0.52)	(0.47)	(0.39)	(0.18)
1956	Wet	(0.36)	(0.34)	(0.26)	(0.54)	0.00	0.00	0.06	0.05	0.05	0.05	0.06	0.06	(0.10)
1957	Above Normal	0.06	0.05	0.04	3.72	(0.05)	(0.03)	0.03	0.03	0.00	0.00	0.00	0.00	0.32
1958	Wet	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.25	0.28	(3.45)	(1.35)	(1.45)	(26.47)	0.81	0.71	0.56	(2.51)
1960	Dry	0.55	0.48	0.36	(0.10)	(0.08)	0.13	0.17	0.01	0.02	(0.19)	(0.03)	(0.67)	0.05
1961	Dry	(0.46)	(0.43)	(0.14)	0.66	0.60	0.23	0.12	0.14	0.13	0.16	0.15	(0.07)	0.09
1962	Below Normal	(1.66)	0.37	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.06)
1963	Wet	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	(0.02)	(0.11)	0.33	(0.04)	(0.03)	(0.04)	(0.04)	(0.04)	(0.03)	0.00
1965	Wet	(0.03)	(0.03)	(0.03)	0.19	0.05	(0.76)	0.01	0.08	0.09	0.42	0.35	0.25	0.05
1966	Below Normal	0.20	0.18	0.10	(0.35)	(0.36)	(0.20)	0.00	0.01	0.01	0.03	0.02	0.01	(0.03)
1967	Wet	0.00	0.01	(0.01)	(0.12)	(0.03)	0.00	0.01	(0.01)	(0.02)	(0.02)	(0.02)	(0.01)	(0.02)
1968	Below Normal	(0.01)	(0.01)	(7.20)	6.53	0.13	0.00	(0.37)	0.19	0.10	1.14	0.31	(0.62)	0.02
1969	Wet	(1.37)	(1.24)	(1.93)	(24.86)	(9.12)	0.00	(0.43)	(0.40)	(0.42)	(0.44)	(0.44)	(0.42)	(3.42)
1970	Wet	(0.44)	(0.40)	(0.37)	23.22	(1.66)	(0.09)	(2.02)	0.12	0.13	0.13	0.13	0.12	1.57
1971	Wet	0.13	0.12	0.10	0.02	21.98	(0.29)	(0.12)	(0.14)	(0.14)	0.10	0.08	0.07	1.83
1972	Below Normal	0.06	0.06	0.05	0.13	0.13	0.03	(0.01)	(0.03)	(0.02)	(0.05)	(0.03)	(0.01)	0.03
1973	Above Normal	(0.01)	(0.01)	0.01	0.06	0.06	0.04	0.00	0.02	0.01	0.02	0.02	0.01	0.02
1974	Wet	0.02	0.02	0.01	(14.16)	(8.05)	0.00	4.19	(0.19)	(0.21)	(0.22)	(0.22)	(0.16)	(1.58)
1975	Wet	(0.12)	(0.15)	(0.14)	0.72	2.49	(3.32)	0.80	0.76	0.79	0.84	0.84	0.78	0.36
1976	Critical	0.80	0.74	0.69	0.59	0.21	(0.10)	(0.38)	(0.41)	0.00	(0.60)	(0.55)	(0.62)	0.03
1977	Critical	(0.57)	(0.53)	(0.41)	(0.02)	(0.02)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.13)
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	(1.88)	(0.55)	0.94	0.80	2.81	1.18	(0.59)	0.23
1979	Below Normal	(1.93)	(1.74)	(3.23)	(7.47)	(30.27)	(16.74)	15.45	0.81	0.83	0.87	0.88	0.86	(3.47)
1980	Above Normal	0.92	0.81	0.75	(4.77)	(8.43)	0.00	(1.73)	(1.56)	(1.65)	(1.75)	(1.77)	(1.52)	(1.73)
1981	Dry	(1.42)	(1.44)	(1.33)	(1.84)	(4.15)	5.17	1.23	1.43	26.39	(0.83)	(0.74)	0.29	1.90
1982	Wet	0.24	0.25	0.21	0.03	0.08	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.07
1983	Wet	(9.34)	9.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00
1985	Dry	0.00	0.00	0.01	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(9.25)	9.59	0.02	0.01	0.02	0.01	0.01	0.03
1987	Dry	0.01	0.00	0.01	0.00	0.01	0.02	(1.03)	(1.15)	(1.27)	(1.52)	(1.12)	(0.80)	(0.57)
1988	Critical	(0.48)	(0.39)	0.00	(0.33)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)
1989	Dry	0.00	0.00	0.00	(0.02)	(0.01)	(0.02)	(0.06)	(0.06)	(0.06)	0.00	0.00	0.73	0.04
1990	Critical	0.68	0.62	0.47	(0.01)	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.15
1991	Critical	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.18	0.12	0.08	0.04
1992	Critical	0.05	0.00	0.00	0.68	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.06
1993	Above Normal	(0.01)	0.00	0.18	0.00	(0.04)	(0.24)	(0.02)	0.03	0.03	0.40	0.34	0.25	0.08
1994	Critical	0.20	0.18	0.11	(0.22)	(0.17)	(0.07)	0.00	0.00	0.01	(0.03)	0.00	(0.02)	0.00
1995	Wet	(11.55)	5.44	(0.04)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.51)
1996	Wet	0.00	0.00	0.00	(25.19)	(21.03)	(11.89)	(1.33)	(1.29)	(1.34)	(1.41)	(1.43)	(1.31)	(5.52)
1997	Wet	(1.32)	(1.25)	(1.14)	5.70	(18.84)	0.04	1.10	0.17	0.18	0.18	0.19	0.18	(1.23)
1998	Wet	0.19	0.17	0.16	0.30	(9.06)	4.64	(0.05)	(0.87)	(0.95)	(1.01)	(1.02)	(0.76)	(0.69)
1999	Wet	1.72	(3.07)	(0.65)	(6.55)	(13.23)	(0.35)	(7.82)	0.09	0.10	0.10	0.11	0.09	(2.46)
2000	Above Normal	0.10	0.10	0.09	0.17	0.26	(0.89)	(0.25)	0.05	0.02	0.37	0.09	(0.22)	(0.01)
2001	Dry	(0.49)	(0.44)	(0.66)	(1.30)	(1.16)	(0.26)	0.24	0.27	0.30	0.35	0.25	0.19	(0.23)
2002	Dry	0.12	0.09	0.00	0.00	0.11	(0.04)	(0.21)	(0.20)	(0.22)	(0.22)	(0.23)	(0.21)	(0.08)
2003	Above Normal	(0.21)	(0.21)	(0.44)	0.63	0.58	0.21	(0.01)	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.04
	Average	(0.33)	0.09	(0.10)	(0.63)	(1.35)	(0.52)	(0.05)	(0.06)	0.13	(0.04)	(0.06)	(0.08)	(0.25)
	Wet	(0.93)	0.28	(0.23)	(1.17)	(1.75)	(0.71)	(0.21)	(0.15)	(0.12)	(0.13)	(0.12)	(0.07)	(0.44)
	Above Normal	0.23	0.20	0.67	0.03	(2.01)	(0.04)	(0.18)	(0.01)	(0.03)	0.16	0.00	(0.17)	(0.10)
	Below Normal	(0.30)	(0.04)	(0.68)	(1.12)	(2.24)	(1.53)	0.90	(0.10)	(1.91)	0.12	0.06	(0.02)	(0.57)
	Dry	(0.11)	(0.11)	(0.10)	(0.31)	(0.52)	(0.08)	(0.42)	0.09	2.32	(0.14)	(0.11)	(0.03)	0.04
	Critical	0.02	0.01	0.08	(0.04)	(0.04)	(0.04)	(0.09)	(0.10)	(0.05)	(0.11)	(0.09)	(0.12)	(0.05)

Percent Difference in Energy generated (GWh) at Castaic: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	-18%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	-2%	-1%	-1%	-1%	-2%	-2%	-2%	-2%	-2%
1925	Dry	-16%	0%	0%	-6%	-1%	-10%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	1%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	-1%	1%	-1%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	-7%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	-3%	-22%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	1%
1933	Critical	1%	1%	2%	0%	0%	-1%	-1%	-1%	-1%	-1%	-2%	-2%
1934	Critical	-8%	-12%	0%	-5%	-1%	0%	0%	0%	0%	0%	23%	0%
1935	Below Normal	1%	6%	7%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%
1936	Below Normal	0%	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	-1%	0%	-2%	-2%	-2%	-2%	-2%	-2%
1938	Wet	-2%	-2%	-2%	28%	5%	3%	7%	-1%	-1%	-1%	-1%	-1%
1939	Dry	-2%	-2%	-2%	0%	-2%	0%	-10%	3%	36%	0%	1%	1%
1940	Above Normal	2%	2%	14%	-10%	-9%	-2%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-3%	-7%	0%	3%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	-6%	-6%	-2%	-1%	-1%	-1%	-1%	-1%	-1%
1945	Below Normal	-2%	-3%	-3%	-1%	0%	-1%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	1%	1%	1%	1%	0%	-1%	0%	0%	0%	0%	0%	0%
1948	Below Normal	-1%	-1%	-1%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-3%	0%	-21%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	2%	0%	0%	0%	-2%	-2%	-2%	-2%	-1%
1953	Wet	-1%	-2%	-1%	-11%	23%	0%	-17%	-1%	0%	-1%	0%	1%
1954	Above Normal	2%	2%	4%	5%	6%	5%	1%	1%	1%	0%	0%	0%
1955	Dry	0%	0%	0%	2%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	7%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-4%	-2%	-2%	-47%	1%	1%	1%
1960	Dry	1%	1%	1%	-1%	-1%	1%	0%	0%	0%	0%	0%	-1%
1961	Dry	-1%	-1%	0%	4%	3%	1%	0%	0%	0%	0%	0%	0%
1962	Below Normal	-11%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	1%	1%	0%
1966	Below Normal	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	-14%	9%	0%	0%	0%	0%	0%	2%	0%	-1%
1969	Wet	-3%	-3%	-7%	-39%	-11%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1970	Wet	-1%	-1%	-1%	40%	-2%	0%	-3%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	37%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-19%	-10%	0%	6%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	1%	4%	-4%	1%	1%	1%	1%	1%	1%
1976	Critical	1%	1%	2%	1%	0%	0%	-1%	-1%	0%	-1%	-1%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	-3%	-1%	1%	1%	4%	2%	-1%
1979	Below Normal	-4%	-4%	-8%	-15%	-44%	-18%	26%	1%	1%	1%	1%	1%
1980	Above Normal	2%	2%	2%	-9%	-10%	0%	-3%	-3%	-3%	-3%	-3%	-3%
1981	Dry	-3%	-3%	-4%	-3%	-7%	8%	2%	2%	365%	-1%	-1%	0%
1982	Wet	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	-14%	16%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-10%	15%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-3%	-3%	-4%	-4%	-4%	-4%
1988	Critical	-11%	-30%	0%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	1%
1990	Critical	1%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1992	Critical	4%	0%	0%	13%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1994	Critical	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	-60%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	-38%	-29%	-15%	-2%	-2%	-2%	-2%	-2%	-2%
1997	Wet	-2%	-2%	-3%	8%	-24%	0%	2%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	1%	-11%	5%	0%	-1%	-2%	-2%	-2%	-1%
1999	Wet	3%	-5%	-1%	-11%	-16%	0%	-11%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
2001	Dry	-1%	-1%	-2%	-6%	-6%	-1%	1%	1%	1%	1%	1%	1%
2002	Dry	3%	6%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	-1%	9%	4%	1%	0%	0%	0%	0%	0%	0%
	Average	-2%	-1%	0%	-1%	-2%	-1%	0%	0%	4%	0%	0%	0%
	Wet	-3%	0%	-1%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	1%	0%	-3%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	-1%	0%	-1%	-2%	-3%	-2%	2%	0%	-3%	0%	0%	0%
	Dry	-1%	-1%	0%	-1%	-1%	0%	-1%	0%	22%	0%	0%	0%
	Critical	-1%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%

Energy generated (GWh) at DCanyon: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	115.90	119.97	100.47	22.98	39.44	60.02	73.72	76.20	79.95	74.65	83.43	79.11	925.84
1923	Below Normal	78.09	71.07	62.85	98.81	86.56	104.44	67.34	85.20	85.16	81.19	93.33	90.08	1,004.12
1924	Critical	75.81	69.31	56.99	33.33	37.54	31.30	43.70	61.74	63.25	54.26	53.22	52.01	632.46
1925	Dry	32.71	25.70	20.64	11.04	17.67	34.19	71.59	94.48	94.26	89.86	101.25	98.25	691.64
1926	Dry	78.25	71.94	58.37	16.70	25.67	35.69	57.17	81.28	81.23	77.34	87.35	84.67	755.66
1927	Wet	67.58	61.97	50.26	19.07	38.80	71.46	79.83	83.77	87.86	81.84	90.23	85.38	818.05
1928	Above Normal	84.50	77.03	68.77	95.78	96.01	58.89	80.18	83.44	87.24	81.29	88.91	84.12	986.16
1929	Critical	82.45	75.37	67.41	90.19	87.57	45.53	35.65	56.04	57.28	49.32	48.39	45.19	740.39
1930	Dry	30.43	23.70	18.98	10.44	20.52	25.13	57.71	78.71	79.86	72.78	77.58	75.59	571.43
1931	Critical	54.58	47.61	38.86	13.31	21.12	23.08	50.84	71.71	73.18	62.87	61.81	59.52	578.49
1932	Dry	36.15	31.13	24.90	12.50	25.90	31.44	54.95	73.59	73.88	69.64	77.01	74.85	585.94
1933	Critical	57.87	52.43	42.63	14.08	22.37	30.03	57.80	81.52	83.23	73.00	74.06	72.45	661.47
1934	Critical	48.14	39.32	31.94	12.77	18.71	24.39	54.70	77.01	78.63	67.48	1.76	1.28	456.13
1935	Below Normal	30.30	97.42	74.19	12.06	23.57	30.48	71.32	94.90	18.75	99.28	110.44	107.32	770.03
1936	Below Normal	84.54	77.99	63.40	17.34	32.66	83.44	81.71	87.46	91.66	85.40	94.30	89.22	889.12
1937	Below Normal	88.26	80.52	71.84	102.17	101.59	107.21	79.96	82.64	86.71	81.20	90.31	85.28	1,057.69
1938	Wet	83.86	76.52	67.66	109.48	113.93	140.46	73.21	84.00	87.98	76.42	94.28	82.06	1,089.86
1939	Dry	80.53	73.11	63.28	96.92	73.49	136.00	82.08	89.96	1.49	97.38	47.44	117.85	959.53
1940	Above Normal	95.90	37.36	98.13	12.51	19.43	41.52	70.80	95.73	63.57	94.30	105.76	102.70	837.71
1941	Wet	81.61	74.96	60.83	33.60	43.74	117.99	66.10	69.77	73.18	69.03	79.03	74.84	844.68
1942	Wet	73.41	66.68	57.77	82.39	111.89	136.64	88.66	75.71	79.49	74.38	83.83	79.47	1,010.32
1943	Wet	78.54	71.36	62.76	97.70	113.45	93.44	83.73	85.77	89.73	84.14	94.41	89.51	1,044.54
1944	Dry	88.23	80.35	70.79	91.81	88.34	51.98	57.15	77.12	77.31	72.33	79.20	77.05	911.66
1945	Below Normal	58.42	52.33	42.63	17.27	26.45	139.96	81.54	83.77	87.92	81.93	90.29	85.43	847.94
1946	Below Normal	84.47	77.02	70.70	113.78	79.02	77.79	74.45	78.77	82.50	77.01	85.99	81.56	983.06
1947	Dry	80.70	73.47	65.14	96.80	102.26	59.36	77.61	91.65	93.50	88.13	97.57	93.91	1,020.10
1948	Below Normal	82.52	75.69	64.38	54.83	56.17	34.17	55.08	49.12	1.41	99.17	109.66	106.79	788.99
1949	Dry	84.03	77.30	62.87	18.29	27.34	33.42	77.70	90.04	92.40	86.87	96.01	92.23	838.50
1950	Below Normal	82.22	75.41	64.57	22.85	27.14	29.35	64.39	84.96	1.35	96.74	106.83	103.92	759.73
1951	Above Normal	81.73	75.21	61.19	132.92	108.49	135.49	75.39	81.40	85.36	79.52	88.80	84.27	1,089.77
1952	Wet	83.41	75.92	67.30	107.18	106.34	74.98	60.52	66.71	69.85	66.36	77.12	73.10	928.79
1953	Wet	71.44	64.67	90.26	107.53	109.85	136.25	95.33	78.24	79.38	74.92	84.73	81.20	1,073.80
1954	Above Normal	74.81	68.17	58.41	70.86	75.53	68.16	71.28	93.99	87.74	80.04	102.73	99.78	951.50
1955	Dry	79.46	72.91	59.12	20.75	32.32	38.19	59.20	78.60	78.38	74.91	84.07	81.59	759.50
1956	Wet	64.79	59.33	48.13	111.17	110.57	138.69	86.09	88.99	93.31	87.00	97.40	92.48	1,077.95
1957	Above Normal	91.48	83.32	73.70	117.65	112.95	69.04	58.59	37.22	1.62	92.61	101.57	99.00	938.75
1958	Wet	77.44	71.14	57.87	22.08	52.08	122.05	85.51	88.56	92.81	87.01	98.21	92.99	947.75
1959	Below Normal	91.65	83.36	73.13	97.99	98.95	114.85	67.88	89.28	1.54	95.70	106.68	103.59	1,024.60
1960	Dry	81.97	75.24	61.11	16.20	21.40	29.83	76.66	99.25	36.02	102.12	54.90	120.69	775.39
1961	Dry	96.58	88.70	72.70	24.05	30.62	29.33	63.92	84.30	84.43	80.39	60.81	25.07	740.90
1962	Below Normal	0.91	64.97	126.69	8.65	15.08	37.94	64.81	86.26	1.44	98.31	108.74	105.81	719.61
1963	Wet	83.23	76.53	62.23	44.87	53.21	66.97	73.36	78.08	81.75	76.34	85.24	80.89	862.70
1964	Dry	80.09	72.85	79.29	93.31	58.47	63.01	79.30	81.60	85.60	79.80	88.42	83.67	945.41
1965	Wet	82.94	75.48	67.21	90.32	95.15	74.18	72.01	76.26	74.30	74.71	83.35	79.17	945.08
1966	Below Normal	76.88	69.93	61.54	97.08	101.53	75.76	68.68	88.22	76.41	84.89	97.48	94.20	992.60
1967	Wet	77.46	70.87	57.77	27.83	58.02	69.99	79.09	82.78	86.74	81.21	91.06	86.25	869.07
1968	Below Normal	85.08	77.41	68.30	95.85	117.93	123.00	78.83	81.44	82.77	78.13	89.20	85.81	1,063.75
1969	Wet	75.44	68.87	57.72	66.25	126.59	142.68	74.05	77.07	80.84	76.10	87.35	82.86	1,015.82
1970	Wet	81.23	73.80	63.91	105.01	120.27	139.02	76.17	81.29	85.29	79.40	88.61	84.03	1,078.03
1971	Wet	83.24	75.72	67.15	98.29	115.13	90.32	65.87	87.96	85.80	83.59	96.02	92.94	1,042.03
1972	Below Normal	74.81	68.51	55.40	24.93	46.50	61.39	70.81	89.44	89.87	85.29	96.76	93.48	857.19
1973	Above Normal	77.85	71.34	58.73	35.69	66.33	75.65	78.71	84.13	88.32	82.06	91.00	86.18	895.99
1974	Wet	85.34	77.72	69.17	98.52	85.15	115.45	80.15	81.74	85.90	80.10	90.29	85.75	1,035.28
1975	Wet	84.68	76.91	67.66	112.61	112.86	101.27	79.72	82.21	86.32	80.22	88.40	83.75	1,056.61
1976	Critical	82.72	75.43	67.37	95.16	100.14	58.94	67.00	88.84	1.55	96.22	50.91	113.67	897.95
1977	Critical	89.08	81.83	66.61	15.95	21.36	21.04	5.60	1.12	1.78	1.82	1.78	1.33	309.30
1978	Above Normal	1.02	0.37	87.71	9.35	27.95	57.13	71.99	75.25	79.01	73.63	81.34	76.87	641.62
1979	Below Normal	76.05	69.12	61.53	95.90	96.21	77.29	76.36	79.34	83.36	77.68	86.20	81.61	960.65
1980	Above Normal	80.46	73.27	65.01	98.18	104.33	140.46	72.87	75.70	79.46	74.99	85.74	81.19	1,031.66
1981	Dry	79.62	72.26	62.62	112.20	114.97	76.42	65.01	87.75	1.80	99.88	92.14	110.44	975.11
1982	Wet	86.43	79.32	64.49	41.54	50.87	139.29	89.52	84.81	88.98	83.38	94.86	89.94	993.43
1983	Wet	88.59	80.50	131.64	115.72	106.09	142.69	59.29	62.37	65.58	62.22	72.99	69.26	1,056.94
1984	Wet	75.33	68.85	131.66	106.34	111.09	140.58	76.22	82.57	86.38	80.65	89.96	85.41	1,135.04
1985	Dry	84.46	76.96	74.58	112.52	104.12	87.67	73.57	77.78	81.80	76.08	84.17	79.65	1,013.36
1986	Wet	78.87	71.87	64.01	94.43	91.77	135.68	81.53	84.41	88.69	83.07	93.58	88.40	1,056.31
1987	Dry	87.00	79.29	69.59	112.09	112.16	62.55	56.79	80.04	81.84	70.04	69.10	67.65	948.14
1988	Critical	43.05	34.02	27.33	12.20	21.69	20.27	36.94	52.17	53.46	46.09	45.06	43.99	436.27
1989	Dry	27.65	21.51	17.27	10.40	18.46	20.13	74.39	99.49	48.10	99.90	93.51	111.95	642.76
1990	Critical	88.60	81.48	66.17	16.82	23.71	25.71	48.91	68.89	70.56	60.54	59.44	58.14	668.97
1991	Critical	36.75	28.88	23.20	11.42	17.46	19.85	37.79	48.84	14.24	55.37	53.58	52.56	399.94
1992	Critical	32.35	23.71	20.68	10.39	16.54	18.50	37.01	52.26	53.45	1.79	1.76	18.39	286.83
1993	Above Normal	67.10	0.81	89.98	10.20	43.18	58.27	72.09	83.09	27.38	86.48	96.68	92.60	727.86
1994	Critical	83.33	76.33	65.19	64.80	68.38	48.94	60.57	80.04	53.20	79.14	1.75	74.85	756.52
1995	Wet	0.88	18.60	128.62	8.55	38.60	52.74	84.64	87.33	91.56	85.70	95.71	90.60	783.53
1996	Wet	89.35	81.41	71.96	105.44	108.68	90.23	80.71	83.04	87.08	81.18	90.17	85.38	1,054.63
1997	Wet	84.46	76.99	68.43	110.72	93.76	135.71	74.55	77.29	80.93	75.87	85.86	81.48	1,046.05
1998	Wet	80.26	72.99	63.96	110.65	83.73	110.78	71.92	77.72	81.55	77.06	87.99	83.26	1,001.87
1999	Wet	81.50	81.98	81.06	108.61	77.59	116.44	76.74	81.61	85.43	79.94	89.23	84.58	1,044.71
2000	Above Normal	83.70	76.25	67.64	103.87	100.13	74.82	73.30	93.11	93.56	89.20	99.97	96.68	1,052.23
2001	Dry	79.99	73.44	60.63	31.94	35.31	31.62	57.60	81.50	83.23	71.58	70.55	69.02	746.41
2002	Dry	43.63	34.60	27.80	16.35	31.20	40.26	81.20	83.30	87.21	81.47	89.08	84.14	700.24
2003	Above Normal	83.14	28.75	92.56	19.45	31.79	39.66	60.56	80.38	1.08	91.89	101.04	98.34	728.64
	Average	72.67	66.02	64.74	61.21	66.60	74.71	68.75	79.04	68.39	78.08	81.79	81.97	863.98
	Wet	76.97	71.19	72.37	82.15	89.59	111.38	77.48	80.39	83.72	78.53	88.84	84.04	996.65
	Above Normal	78.13	59.32	76.86	60.79	68.80	73.26	71.62	79.97	64.52	83.39	93.91	90.07	900.64
	Below Normal	71.01	74.34	68.65	61.39	64.95	78.36	71.65	82.91	56.49	87.28	97.59	93.86	908.51
	Dry	69.53	62.47	53.87	50.24	52.23	49.23	67.98	85.02	70.13	82.81	80.56	86.02	810.09
	Critical	64.56	57.14	47.87	32.54	38.05	30.63	44.71	61.68	50.32	53.99	37.79	49.45	568.73

Energy generated (GWh) at DCanyon: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	115.90	119.97	100.47	22.98	39.44	60.02	73.72	76.20	79.96	74.66	83.44	79.12	925.88
1923	Below Normal	78.10	71.07	62.86	114.49	86.56	104.32	67.34	85.29	85.23	81.26	93.42	90.18	1,020.12
1924	Critical	75.82	69.32	56.98	32.75	36.88	30.76	42.79	60.46	61.94	53.15	52.13	50.94	623.92
1925	Dry	32.03	25.17	20.21	10.95	17.44	33.94	71.83	94.79	94.58	90.15	101.59	98.58	691.26
1926	Dry	78.52	72.19	58.57	16.73	25.61	35.63	57.16	81.04	80.99	77.11	87.10	84.42	755.07
1927	Wet	67.38	61.79	50.11	19.04	38.67	71.47	79.93	83.87	87.97	81.95	90.34	85.48	818.00
1928	Above Normal	84.60	77.13	68.85	95.89	96.06	58.91	80.16	83.53	87.32	81.37	89.01	84.23	987.06
1929	Critical	82.46	75.38	67.39	89.84	87.26	45.41	35.65	56.01	57.26	49.30	48.36	45.44	739.76
1930	Dry	30.33	23.63	18.93	10.44	20.51	25.13	57.71	78.71	79.87	72.78	77.58	75.59	571.21
1931	Critical	54.58	47.60	38.85	13.31	21.16	23.13	50.93	71.84	73.31	62.98	61.92	60.46	580.07
1932	Dry	36.47	30.80	24.68	12.51	25.91	31.49	54.88	73.44	73.70	69.56	77.01	74.84	585.29
1933	Critical	57.99	52.60	42.76	14.10	22.37	29.76	57.76	81.66	83.42	72.92	73.66	72.07	661.07
1934	Critical	47.56	38.64	31.35	12.71	18.65	24.49	54.97	77.40	79.02	67.82	1.76	1.28	455.65
1935	Below Normal	20.79	101.70	77.24	12.09	23.60	30.50	70.91	94.35	13.80	99.29	110.54	107.38	762.19
1936	Below Normal	84.66	78.13	63.56	17.37	32.92	81.46	81.67	87.43	91.62	85.37	94.25	89.18	887.62
1937	Below Normal	88.22	80.48	71.80	102.18	101.52	121.76	78.67	81.34	85.36	79.99	89.08	84.11	1,064.51
1938	Wet	82.66	75.41	66.61	89.96	89.17	145.10	72.37	75.37	79.31	74.54	85.68	81.28	1,017.46
1939	Dry	79.73	72.37	62.58	96.91	75.56	129.74	72.72	91.50	2.61	97.36	44.39	117.28	942.75
1940	Above Normal	95.87	7.64	102.52	9.06	16.45	40.73	70.77	95.69	63.26	94.29	105.75	102.69	804.72
1941	Wet	81.59	74.95	60.82	33.61	43.74	109.68	66.10	69.77	73.18	69.03	79.03	74.84	836.34
1942	Wet	73.41	66.69	57.77	82.40	112.38	136.65	88.33	75.50	79.26	74.15	83.49	79.15	1,009.18
1943	Wet	78.24	71.09	62.57	98.61	115.30	96.35	85.72	85.79	89.75	84.13	94.22	89.32	1,051.09
1944	Dry	88.07	80.22	70.77	81.42	78.99	48.88	57.20	77.30	77.53	72.40	79.10	76.98	888.86
1945	Below Normal	58.14	51.96	42.34	17.24	26.45	121.02	81.66	83.89	88.05	82.04	90.42	85.55	828.76
1946	Below Normal	84.58	77.13	71.90	113.78	79.02	78.08	74.79	79.13	82.88	77.36	86.39	81.93	986.97
1947	Dry	81.07	73.81	65.44	97.49	102.37	59.43	77.52	92.01	93.77	88.43	97.97	94.34	1,023.65
1948	Below Normal	82.54	75.72	64.27	53.28	54.79	33.66	55.15	52.30	1.41	99.16	109.70	106.81	788.79
1949	Dry	84.07	77.34	62.90	18.28	27.32	33.37	77.69	90.15	92.48	86.97	96.13	92.35	839.05
1950	Below Normal	82.24	75.43	64.55	21.96	26.35	29.10	64.38	84.95	1.35	96.72	106.81	103.90	757.74
1951	Above Normal	81.71	75.19	61.18	132.92	128.94	135.49	75.39	81.40	85.36	79.52	88.80	84.27	1,110.17
1952	Wet	83.41	75.92	67.30	105.55	106.33	74.97	60.51	64.12	67.06	63.53	73.17	69.38	911.25
1953	Wet	68.04	61.58	99.07	121.38	101.70	119.15	76.56	76.41	78.71	74.17	83.59	79.98	1,040.34
1954	Above Normal	74.72	68.07	58.72	75.74	79.70	70.82	71.81	94.70	94.15	78.82	103.15	100.16	970.56
1955	Dry	79.84	73.26	59.40	20.83	32.29	38.05	58.71	77.95	77.74	74.30	83.38	80.92	756.67
1956	Wet	64.25	58.83	47.72	83.39	110.60	138.74	86.15	89.06	93.38	87.07	97.46	92.55	1,049.20
1957	Above Normal	91.54	83.38	73.75	113.41	112.95	69.00	58.62	37.75	1.62	92.61	101.58	99.01	935.22
1958	Wet	77.45	71.15	57.87	22.08	52.08	121.89	85.51	88.56	92.81	87.01	98.21	92.99	947.61
1959	Below Normal	91.65	83.36	73.13	97.76	98.67	113.49	66.12	87.02	1.54	96.35	106.86	103.87	1,019.82
1960	Dry	81.93	75.17	61.08	15.93	21.16	30.07	76.76	98.91	42.82	100.37	60.60	117.20	782.00
1961	Dry	94.58	86.86	71.37	25.71	32.11	29.89	64.07	84.50	84.63	80.58	62.60	24.95	741.85
1962	Below Normal	0.91	65.10	127.33	8.65	15.08	37.94	64.81	86.27	1.44	98.32	108.74	105.81	720.40
1963	Wet	83.23	76.53	62.23	44.87	53.21	66.97	73.36	78.08	81.75	76.34	85.23	80.88	862.68
1964	Dry	80.09	72.84	79.31	93.33	58.53	63.05	79.26	81.56	85.56	79.76	88.38	83.64	945.31
1965	Wet	82.91	75.45	67.18	90.63	95.35	73.83	72.05	76.48	71.44	75.15	83.83	79.65	943.95
1966	Below Normal	77.18	70.22	61.75	96.53	100.99	75.52	68.69	88.25	76.29	84.93	97.52	94.24	992.11
1967	Wet	77.47	70.88	57.77	27.75	57.97	69.99	79.11	82.71	86.66	81.13	90.94	86.14	868.52
1968	Below Normal	84.98	77.32	68.23	88.68	118.01	123.87	79.22	83.52	84.26	79.78	91.55	88.25	1,067.67
1969	Wet	75.63	69.10	57.24	58.18	117.57	142.68	73.59	76.62	80.37	75.66	86.90	82.44	995.98
1970	Wet	80.80	73.40	63.53	78.52	119.31	139.19	76.17	81.45	85.45	79.55	88.78	84.19	1,050.34
1971	Wet	83.40	75.86	67.28	98.21	89.95	90.26	65.71	87.75	82.83	83.68	96.05	92.98	1,013.96
1972	Below Normal	74.81	68.51	55.41	25.00	46.54	61.39	70.79	89.38	89.81	85.23	96.71	93.43	857.01
1973	Above Normal	77.83	71.32	58.72	35.79	66.41	75.70	78.71	84.15	88.34	82.08	91.02	86.20	896.27
1974	Wet	85.35	77.74	69.18	114.67	94.37	105.88	84.24	81.15	85.26	79.45	89.37	84.87	1,051.53
1975	Wet	83.88	76.19	67.15	109.54	109.74	97.47	80.68	83.19	87.35	81.17	89.46	84.75	1,050.57
1976	Critical	83.72	76.35	68.18	96.31	101.19	59.20	66.52	88.22	1.55	95.52	52.43	112.42	901.61
1977	Critical	88.06	80.87	65.80	15.89	21.31	21.02	11.76	1.12	1.78	1.82	1.78	1.33	312.54
1978	Above Normal	1.02	0.99	88.41	9.35	27.98	55.96	71.80	79.38	82.33	77.12	85.68	81.63	661.65
1979	Below Normal	76.82	69.97	60.94	78.39	81.71	82.43	77.40	80.10	84.15	78.36	86.80	82.18	939.25
1980	Above Normal	81.08	73.84	65.63	96.22	108.42	137.03	69.25	72.74	76.31	71.93	81.77	77.43	1,011.65
1981	Dry	76.05	69.01	60.08	110.81	112.08	88.79	66.65	90.00	1.80	99.20	84.74	111.46	970.67
1982	Wet	87.42	80.26	65.23	41.74	51.11	139.23	89.54	84.82	88.99	83.39	94.88	89.96	996.57
1983	Wet	88.60	80.51	131.64	115.72	106.09	142.69	59.29	62.37	65.58	62.22	72.99	69.26	1,056.96
1984	Wet	75.33	68.85	131.66	106.34	111.48	140.58	76.23	82.57	86.38	80.66	89.96	85.42	1,135.46
1985	Dry	84.47	76.96	74.59	112.52	104.12	87.67	73.57	77.79	81.80	76.08	84.17	79.65	1,013.39
1986	Wet	78.87	71.87	64.01	94.43	91.77	89.24	81.58	84.46	88.74	83.12	93.64	88.45	1,010.18
1987	Dry	87.05	79.33	69.62	112.08	112.16	62.59	54.69	77.07	78.82	67.47	66.54	65.13	932.55
1988	Critical	41.43	32.71	26.27	12.01	21.50	20.21	36.95	52.17	53.46	46.09	45.06	43.99	431.85
1989	Dry	27.65	21.51	17.27	10.39	18.43	20.10	74.31	99.39	47.11	99.90	87.50	113.01	636.57
1990	Critical	89.37	82.18	66.74	16.81	23.71	25.71	48.92	68.91	70.57	60.55	59.45	58.15	671.07
1991	Critical	36.76	28.89	23.21	11.42	17.45	19.85	37.78	46.92	14.14	55.68	53.84	52.84	398.78
1992	Critical	32.50	21.79	22.06	10.39	16.53	18.50	37.00	52.25	53.44	1.79	1.76	17.88	285.89
1993	Above Normal	66.61	0.81	90.74	10.20	43.13	58.12	72.09	83.23	25.27	86.65	96.88	92.87	726.60
1994	Critical	83.43	76.41	65.21	64.28	67.94	48.82	60.57	80.04	53.46	79.12	1.75	74.77	755.80
1995	Wet	14.13	11.80	129.19	8.55	38.59	52.73	84.64	87.33	91.56	85.70	95.71	90.60	790.53
1996	Wet	89.35	81.41	71.97	53.62	62.01	70.06	79.05	81.37	85.32	79.53	88.48	83.81	925.98
1997	Wet	82.96	75.58	67.14	102.78	114.03	135.53	74.74	77.48	81.13	76.05	86.04	81.65	1,055.11
1998	Wet	80.44	73.15	64.11	111.60	94.10	105.24	71.85	75.06	78.70	74.17	83.98	79.48	991.88
1999	Wet	85.84	78.84	86.18	122.47	98.39	106.43	76.37	81.75	85.57	80.08	89.40	84.74	1,076.06
2000	Above Normal	83.87	76.40	67.76	104.31	100.70	74.37	73.16	93.80	94.08	89.77	100.69	97.45	1,056.36
2001	Dry	79.93	73.40	60.37	28.69	32.42	30.88	58.08	82.18	83.92	72.17	71.13	69.59	742.76
2002	Dry	43.99	34.89	28.03	16.38	31.19	40.21	80.94	83.03	86.93	81.21	88.80	83.87	699.47
2003	Above Normal	82.87	33.80	87.35	20.39	32.64	39.97	60.54	80.37	1.08	91.88	101.02	98.32	730.23
	Average	72.62	65.50	64.90	59.64	65.90	73.27	68.44	78.87	68.18	77.93	81.48	81.83	858.57
	Wet	77.39	70.57	72.79	78.29	87.50	107.00	76.90	79.73	82.87	78.18	88.11	83.62	982.95
	Above Normal	78.14	57.38	77.01	60.52	71.07	73.01	71.34	80.25	64.92	83.39	94.07	90.28	901.36
	Below Normal	70.40	74.72	68.95	60.53	63.73	78.18	71.54	83.09	56.23	87.44	97.77	94.06	906.64
	Dry	69.22	62.15	53.62	49.52	51.57	49.38	67.43	85.07	70.37	82.54	79.93	85.77	806.58
	Critical	64.47	56.90	47.90	32.49	38.00	30.57	45.13	61.42	50.28	53.90	37.83	49.30	568.17

Difference in Energy generated (GWh) at DCanyon: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00
1923	Below Normal	0.01	0.00	0.01	15.68	0.00	(0.12)	0.00	0.09	0.07	0.07	0.09	0.10	1.33
1924	Critical	0.01	0.01	(0.01)	(0.58)	(0.66)	(0.54)	(0.91)	(1.28)	(1.31)	(1.11)	(1.09)	(1.07)	(0.71)
1925	Dry	(0.68)	(0.53)	(0.43)	(0.09)	(0.23)	(0.25)	0.24	0.31	0.32	0.29	0.34	0.33	(0.03)
1926	Dry	0.27	0.25	0.20	0.03	(0.06)	(0.06)	(0.01)	(0.24)	(0.24)	(0.23)	(0.25)	(0.25)	(0.05)
1927	Wet	(0.20)	(0.18)	(0.15)	(0.03)	(0.13)	0.01	0.10	0.10	0.11	0.11	0.11	0.10	0.00
1928	Above Normal	0.10	0.10	0.08	0.11	0.05	0.02	(0.02)	0.09	0.08	0.08	0.10	0.11	0.07
1929	Critical	0.01	0.01	(0.02)	(0.35)	(0.31)	(0.12)	0.00	(0.03)	(0.02)	(0.02)	(0.03)	0.25	(0.05)
1930	Dry	(0.10)	(0.07)	(0.05)	0.00	(0.01)	0.00	0.00	0.00	0.01	0.00	0.00	0.00	(0.02)
1931	Critical	0.00	(0.01)	(0.01)	0.00	0.04	0.05	0.09	0.13	0.13	0.11	0.11	0.94	0.13
1932	Dry	0.32	(0.33)	(0.22)	0.01	0.01	0.05	(0.07)	(0.15)	(0.18)	(0.08)	0.00	(0.01)	(0.05)
1933	Critical	0.12	0.17	0.13	0.02	0.00	(0.27)	(0.04)	0.14	0.19	(0.08)	(0.40)	(0.38)	(0.03)
1934	Critical	(0.58)	(0.68)	(0.59)	(0.06)	(0.06)	0.10	0.27	0.39	0.39	0.34	0.00	0.00	(0.04)
1935	Below Normal	(9.51)	4.28	3.05	0.03	0.03	0.02	(0.41)	(0.55)	(4.95)	0.01	0.10	0.06	(0.65)
1936	Below Normal	0.12	0.14	0.16	0.03	0.26	(1.98)	(0.04)	(0.03)	(0.04)	(0.03)	(0.05)	(0.04)	(0.12)
1937	Below Normal	(0.04)	(0.04)	(0.04)	0.01	(0.07)	14.55	(1.29)	(1.30)	(1.35)	(1.21)	(1.23)	(1.17)	0.57
1938	Wet	(1.20)	(1.11)	(1.05)	(19.52)	(24.76)	4.64	(0.84)	(8.63)	(8.67)	(1.88)	(8.60)	(0.78)	(6.03)
1939	Dry	(0.80)	(0.74)	(0.70)	(0.01)	2.07	(6.26)	(9.36)	1.54	1.12	(0.02)	(3.05)	(0.57)	(1.40)
1940	Above Normal	(0.03)	(29.72)	4.39	(3.45)	(2.98)	(0.79)	(0.03)	(0.04)	(0.31)	(0.01)	(0.01)	(0.01)	(2.75)
1941	Wet	(0.02)	(0.01)	(0.01)	0.01	0.00	(8.31)	0.00	0.00	0.00	0.00	0.00	0.00	(0.69)
1942	Wet	0.00	0.01	0.00	0.01	0.49	0.01	(0.33)	(0.21)	(0.23)	(0.23)	(0.34)	(0.32)	(0.09)
1943	Wet	(0.30)	(0.27)	(0.19)	0.91	1.85	2.91	1.99	0.02	0.02	(0.01)	(0.19)	(0.19)	0.55
1944	Dry	(0.16)	(0.13)	(0.02)	(10.39)	(9.35)	(3.10)	0.05	0.18	0.22	0.07	(0.10)	(0.07)	(1.90)
1945	Below Normal	(0.28)	(0.37)	(0.29)	(0.03)	0.00	(18.94)	0.12	0.12	0.13	0.11	0.13	0.12	(1.60)
1946	Below Normal	0.11	0.11	1.20	0.00	0.00	0.29	0.34	0.36	0.38	0.35	0.40	0.37	0.33
1947	Dry	0.37	0.34	0.30	0.69	0.11	0.07	(0.09)	0.36	0.27	0.30	0.40	0.43	0.30
1948	Below Normal	0.02	0.03	(0.11)	(1.55)	(1.38)	(0.51)	0.07	3.18	0.00	(0.01)	0.04	0.02	(0.02)
1949	Dry	0.04	0.04	0.03	(0.01)	(0.02)	(0.05)	(0.01)	0.11	0.08	0.10	0.12	0.12	0.05
1950	Below Normal	0.02	0.02	(0.02)	(0.89)	(0.79)	(0.25)	(0.01)	(0.01)	0.00	(0.02)	(0.02)	(0.02)	(0.17)
1951	Above Normal	(0.02)	(0.02)	(0.01)	0.00	20.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.70
1952	Wet	0.00	0.00	0.00	(1.63)	(0.01)	(0.01)	(0.01)	(2.59)	(2.79)	(2.83)	(3.95)	(3.72)	(1.46)
1953	Wet	(3.40)	(3.09)	8.81	13.85	(8.15)	(17.10)	(18.77)	(1.83)	(0.67)	(0.75)	(1.14)	(1.22)	(2.79)
1954	Above Normal	(0.09)	(0.10)	0.31	4.88	4.17	2.66	0.53	0.71	6.41	(1.22)	0.42	0.38	1.59
1955	Dry	0.38	0.35	0.28	0.08	(0.03)	(0.14)	(0.49)	(0.65)	(0.64)	(0.61)	(0.69)	(0.67)	(0.24)
1956	Wet	(0.54)	(0.50)	(0.41)	(27.78)	0.03	0.05	0.06	0.07	0.07	0.07	0.06	0.07	(2.40)
1957	Above Normal	0.06	0.06	0.05	(4.24)	0.00	(0.04)	0.03	0.53	0.00	0.00	0.01	0.01	(0.29)
1958	Wet	0.01	0.01	0.00	0.00	0.00	(0.16)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1959	Below Normal	0.00	0.00	0.00	(0.23)	(0.28)	(1.36)	(1.76)	(2.26)	0.00	0.65	0.18	0.28	(0.40)
1960	Dry	(0.04)	(0.07)	(0.03)	(0.27)	(0.24)	0.24	0.10	(0.34)	6.80	(1.75)	5.70	(3.49)	0.55
1961	Dry	(2.00)	(1.84)	(1.33)	1.66	1.49	0.56	0.15	0.20	0.20	0.19	1.79	(0.12)	0.08
1962	Below Normal	0.00	0.13	0.64	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.07
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00
1964	Dry	0.00	(0.01)	0.02	0.02	0.06	0.04	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.01)
1965	Wet	(0.03)	(0.03)	(0.03)	0.31	0.20	(0.35)	0.04	0.22	(2.86)	0.44	0.48	0.48	(0.09)
1966	Below Normal	0.30	0.29	0.21	(0.55)	(0.54)	(0.24)	0.01	0.03	(0.12)	0.04	0.04	0.04	(0.04)
1967	Wet	0.01	0.01	0.00	(0.08)	(0.05)	0.00	0.02	(0.07)	(0.08)	(0.08)	(0.12)	(0.11)	(0.05)
1968	Below Normal	(0.10)	(0.09)	(0.07)	(7.17)	0.08	0.87	0.39	2.08	1.49	1.65	2.35	2.44	0.33
1969	Wet	0.19	0.23	(0.48)	(8.07)	(9.02)	0.00	(0.46)	(0.45)	(0.47)	(0.44)	(0.45)	(0.42)	(1.65)
1970	Wet	(0.43)	(0.40)	(0.38)	(26.49)	(0.96)	0.17	0.00	0.16	0.16	0.15	0.17	0.16	(2.31)
1971	Wet	0.16	0.14	0.13	(0.08)	(25.18)	(0.06)	(0.16)	(0.21)	(2.97)	0.09	0.03	0.04	(2.34)
1972	Below Normal	0.00	0.00	0.01	0.07	0.04	0.00	(0.02)	(0.06)	(0.06)	(0.06)	(0.05)	(0.05)	(0.02)
1973	Above Normal	(0.02)	(0.02)	(0.01)	0.10	0.08	0.05	0.00	0.02	0.02	0.02	0.02	0.02	0.02
1974	Wet	0.01	0.02	0.01	16.15	9.22	(9.57)	4.09	(0.59)	(0.64)	(0.65)	(0.92)	(0.88)	1.35
1975	Wet	(0.80)	(0.72)	(0.51)	(3.07)	(3.12)	(3.80)	0.96	0.98	1.03	0.95	1.06	1.00	(0.50)
1976	Critical	1.00	0.92	0.81	1.15	1.05	0.26	(0.48)	(0.62)	0.00	(0.70)	1.52	(1.25)	0.30
1977	Critical	(1.02)	(0.96)	(0.81)	(0.06)	(0.05)	(0.02)	6.16	0.00	0.00	0.00	0.00	0.00	0.27
1978	Above Normal	0.00	0.62	0.70	0.00	0.03	(1.17)	(0.19)	4.13	3.32	3.49	4.34	4.76	1.67
1979	Below Normal	0.77	0.85	(0.59)	(17.51)	(14.50)	5.14	1.04	0.76	0.79	0.68	0.60	0.57	(1.78)
1980	Above Normal	0.62	0.57	0.62	(1.96)	4.09	(3.43)	(3.62)	(2.96)	(3.15)	(3.06)	(3.97)	(3.76)	(1.67)
1981	Dry	(3.57)	(3.25)	(2.54)	(1.39)	(2.89)	12.37	1.64	2.25	0.00	(0.68)	(7.40)	1.02	(0.37)
1982	Wet	0.99	0.94	0.74	0.20	0.24	(0.06)	0.02	0.01	0.01	0.01	0.02	0.02	0.26
1983	Wet	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.39	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.04
1985	Dry	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(46.44)	0.05	0.05	0.05	0.05	0.06	0.05	(3.84)
1987	Dry	0.05	0.04	0.03	(0.01)	0.00	0.04	(2.10)	(2.97)	(3.02)	(2.57)	(2.56)	(2.52)	(1.30)
1988	Critical	(1.62)	(1.31)	(1.06)	(0.19)	(0.19)	(0.06)	0.01	0.00	0.00	0.00	0.00	0.00	(0.37)
1989	Dry	0.00	0.00	0.00	(0.01)	(0.03)	(0.03)	(0.08)	(0.10)	(0.99)	0.00	(6.01)	1.06	(0.52)
1990	Critical	0.77	0.70	0.57	(0.01)	0.00	0.00	0.01	0.02	0.01	0.01	0.01	0.01	0.18
1991	Critical	0.01	0.01	0.01	0.00	(0.01)	0.00	(0.01)	(1.92)	(0.10)	0.31	0.26	0.28	(0.10)
1992	Critical	0.15	(1.92)	1.38	0.00	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	(0.51)	(0.08)
1993	Above Normal	(0.49)	0.00	0.76	0.00	(0.05)	(0.15)	0.00	0.14	(2.11)	0.17	0.20	0.27	(0.11)
1994	Critical	0.10	0.08	0.02	(0.52)	(0.44)	(0.12)	0.00	0.00	0.26	(0.02)	0.00	(0.08)	(0.06)
1995	Wet	13.25	(6.80)	0.57	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.58
1996	Wet	0.00	0.00	0.01	(51.82)	(46.67)	(20.17)	(1.66)	(1.67)	(1.76)	(1.65)	(1.69)	(1.57)	(10.72)
1997	Wet	(1.50)	(1.41)	(1.29)	(7.94)	20.27	(0.18)	0.19	0.19	0.20	0.18	0.18	0.17	0.75
1998	Wet	0.18	0.16	0.15	0.95	10.37	(5.54)	(0.07)	(2.66)	(2.85)	(2.89)	(4.01)	(3.78)	(0.83)
1999	Wet	4.34	(3.14)	5.12	13.86	20.80	(10.01)	(0.37)	0.14	0.14	0.14	0.17	0.16	2.61
2000	Above Normal	0.17	0.15	0.12	0.44	0.57	(0.45)	(0.14)	0.69	0.52	0.57	0.72	0.77	0.34
2001	Dry	(0.06)	(0.04)	(0.26)	(3.25)	(2.89)	(0.74)	0.48	0.68	0.69	0.59	0.58	0.57	(0.30)
2002	Dry	0.36	0.29	0.23	0.03	(0.01)	(0.05)	(0.26)	(0.27)	(0.28)	(0.26)	(0.28)	(0.27)	(0.06)
2003	Above Normal	(0.27)	5.05	(5.21)	0.94	0.85	0.31	(0.02)	(0.01)	0.00	(0.01)	(0.02)	(0.02)	0.13
	Average	(0.05)	(0.52)	0.16	(1.57)	(0.69)	(1.43)	(0.30)	(0.17)	(0.21)	(0.16)	(0.31)	(0.14)	(0.45)
	Wet	0.41	(0.62)	0.42	(3.86)	(2.08)	(4.38)	(0.58)	(0.65)	(0.85)	(0.35)	(0.73)	(0.41)	(1.14)
	Above Normal	0.00	(1.94)	0.15	(0.27)	2.27	(0.25)	(0.29)	0.28	0.40	0.00	0.15	0.21	0.06
	Below Normal	(0.61)	0.38	0.30	(0.86)	(1.23)	(0.18)	(0.11)	0.17	(0.26)	0.16	0.18	0.19	(0.16)
	Dry	(0.31)	(0.32)	(0.25)	(0.72)	(0.67)	0.15	(0.55)	0.05	0.24	(0.26)	(0.64)	(0.25)	(0.29)
	Critical	(0.09)	(0.25)	0.03	(0.05)	(0.05)	(0.06)	0.42	(0.27)	(0.04)	(0.10)	0.03	(0.15)	(0.05)

Percent Difference in Energy generated (GWh) at DCanyon: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	16%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%
1925	Dry	-2%	-2%	-2%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1932	Dry	1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	-1%	-1%
1934	Critical	-1%	-2%	-2%	0%	0%	0%	0%	1%	0%	1%	0%	0%
1935	Below Normal	-31%	4%	4%	0%	0%	0%	-1%	-1%	-26%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	1%	-2%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	14%	-2%	-2%	-2%	-1%	-1%	-1%
1938	Wet	-1%	-1%	-2%	-18%	-22%	3%	-1%	-10%	-10%	-2%	-9%	-1%
1939	Dry	-1%	-1%	-1%	0%	3%	-5%	-11%	2%	75%	0%	-6%	0%
1940	Above Normal	0%	-80%	4%	-28%	-15%	-2%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	1%	2%	3%	2%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	-11%	-11%	-6%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	-1%	-1%	0%	0%	-14%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-3%	-2%	-1%	0%	6%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-4%	-3%	-1%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	19%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-2%	0%	0%	0%	-4%	-4%	-4%	-5%	-5%
1953	Wet	-5%	-5%	10%	13%	-7%	-13%	-20%	-2%	-1%	-1%	-1%	-2%
1954	Above Normal	0%	0%	1%	7%	6%	4%	1%	1%	7%	-2%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-1%	-25%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	-4%	0%	0%	0%	1%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-1%	-3%	-3%	0%	1%	0%	0%
1960	Dry	0%	0%	0%	-2%	-1%	1%	0%	0%	19%	-2%	10%	-3%
1961	Dry	-2%	-2%	-2%	7%	5%	2%	0%	0%	0%	0%	3%	0%
1962	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-4%	1%	1%	1%
1966	Below Normal	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	-7%	0%	1%	0%	3%	2%	2%	3%	3%
1969	Wet	0%	0%	-1%	-12%	-7%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1970	Wet	-1%	-1%	-1%	-25%	-1%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	-22%	0%	0%	0%	-3%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	16%	11%	-8%	5%	-1%	-1%	-1%	-1%	-1%
1975	Wet	-1%	-1%	-1%	-3%	-3%	-4%	1%	1%	1%	1%	1%	1%
1976	Critical	1%	1%	1%	1%	1%	0%	-1%	-1%	0%	-1%	3%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	110%	0%	0%	0%	0%	0%
1978	Above Normal	0%	168%	1%	0%	0%	-2%	0%	5%	4%	5%	5%	6%
1979	Below Normal	1%	1%	-1%	-18%	-15%	7%	1%	1%	1%	1%	1%	1%
1980	Above Normal	1%	1%	1%	-2%	4%	-2%	-5%	-4%	-4%	-4%	-5%	-5%
1981	Dry	-4%	-4%	-4%	-1%	-3%	16%	3%	3%	0%	-1%	-8%	1%
1982	Wet	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-34%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-4%	-4%	-4%	-4%	-4%	-4%
1988	Critical	-4%	-4%	-4%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	-6%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-4%	-1%	1%	0%	1%
1992	Critical	0%	-8%	7%	0%	0%	0%	0%	0%	0%	0%	0%	-3%
1993	Above Normal	-1%	0%	1%	0%	0%	0%	0%	0%	-8%	0%	0%	0%
1994	Critical	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	>1,000%	-37%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	-49%	-43%	-22%	-2%	-2%	-2%	-2%	-2%	-2%
1997	Wet	-2%	-2%	-2%	-7%	22%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	1%	12%	-5%	0%	-3%	-3%	-4%	-5%	-5%
1999	Wet	5%	-4%	6%	13%	27%	-9%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	1%	-1%	0%	1%	1%	1%	1%	1%
2001	Dry	0%	0%	0%	-10%	-8%	-2%	1%	1%	1%	1%	1%	1%
2002	Dry	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	18%	-6%	5%	3%	1%	0%	0%	0%	0%	0%	0%
	Average	-1%	1%	0%	-2%	-1%	-1%	1%	0%	0%	0%	0%	0%
	Wet	0%	-2%	0%	-4%	-1%	-4%	-1%	-1%	-1%	0%	-1%	-1%
	Above Normal	0%	9%	0%	-2%	1%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	-2%	0%	0%	-1%	-1%	0%	0%	0%	-2%	0%	0%	0%
	Dry	0%	-1%	0%	-1%	-1%	0%	-1%	0%	5%	0%	-1%	0%
	Critical	0%	-1%	0%	0%	0%	0%	9%	0%	0%	0%	0%	0%

Energy generated (GWh) at Mojave Dam: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	11.97	10.19	8.61	1.98	3.38	5.15	6.53	6.58	6.91	6.48	7.22	6.82	81.82
1923	Below Normal	6.62	5.99	5.38	8.55	7.49	8.97	5.99	7.35	7.35	7.05	8.08	7.78	86.60
1924	Critical	6.44	5.85	4.89	2.88	3.24	2.71	3.96	5.33	5.47	4.72	4.63	4.51	54.63
1925	Dry	2.75	2.12	1.78	0.96	1.52	3.14	6.16	8.14	8.14	7.79	8.76	8.47	59.73
1926	Dry	6.65	6.08	5.01	1.45	2.21	3.08	5.12	7.01	7.03	6.72	7.57	7.31	65.24
1927	Wet	5.74	5.22	4.31	1.65	3.34	6.13	7.05	7.22	7.58	7.09	7.80	7.35	70.48
1928	Above Normal	7.17	6.50	5.89	8.29	8.30	5.09	7.08	7.19	7.53	7.04	7.69	7.25	85.02
1929	Critical	6.99	6.36	5.77	7.80	7.56	3.94	3.26	4.84	4.96	4.30	4.22	3.92	63.92
1930	Dry	2.55	1.95	1.64	0.91	1.77	2.17	5.16	6.78	6.90	6.32	6.73	6.53	49.41
1931	Critical	4.62	4.00	3.34	1.15	1.82	2.00	4.58	6.19	6.32	5.47	5.37	5.15	50.01
1932	Dry	3.04	2.58	2.14	1.08	2.23	2.71	4.92	6.35	6.39	6.05	6.68	6.47	50.64
1933	Critical	4.90	4.41	3.66	1.22	1.93	2.59	5.16	7.01	7.18	6.33	6.42	6.26	57.07
1934	Critical	4.08	3.29	2.75	1.11	1.61	2.11	4.91	6.64	6.78	5.86	0.22	0.16	39.52
1935	Below Normal	2.57	8.26	6.36	1.05	2.03	2.63	6.33	8.17	1.70	8.59	9.55	9.25	66.49
1936	Below Normal	7.18	6.59	5.43	1.50	2.81	7.34	7.03	7.54	7.91	7.40	8.15	7.68	76.56
1937	Below Normal	7.49	6.80	6.15	8.83	8.91	9.24	6.87	7.13	7.49	7.04	7.82	7.35	91.12
1938	Wet	7.11	6.46	5.79	9.47	9.79	12.21	6.31	7.25	7.61	6.64	8.16	7.08	93.88
1939	Dry	6.83	6.17	5.42	8.42	6.40	11.68	7.25	7.75	0.19	8.43	4.17	10.15	82.86
1940	Above Normal	8.15	3.13	8.40	1.09	1.67	3.57	6.29	8.25	5.53	8.17	9.15	8.85	72.25
1941	Wet	6.94	6.34	5.22	2.89	3.75	10.29	5.69	6.03	6.33	6.00	6.85	6.46	72.79
1942	Wet	6.22	5.62	4.95	7.16	9.67	11.73	7.81	6.53	6.87	6.46	7.26	6.85	87.13
1943	Wet	6.66	6.02	5.37	8.44	9.77	8.03	7.39	7.40	7.74	7.29	8.17	7.71	89.99
1944	Dry	7.49	6.79	6.06	7.90	7.59	4.48	5.11	6.65	6.67	6.28	6.87	6.66	78.55
1945	Below Normal	4.95	4.40	3.66	1.50	2.28	12.16	7.01	7.22	7.59	7.10	7.81	7.36	73.04
1946	Below Normal	7.17	6.50	6.24	9.63	6.77	6.67	6.60	6.79	7.12	6.68	7.44	7.03	84.64
1947	Dry	6.84	6.20	5.58	8.37	8.83	5.13	6.87	7.90	8.07	7.63	8.44	8.10	87.96
1948	Below Normal	7.01	6.39	5.52	4.74	4.85	2.96	4.93	4.26	0.18	8.59	9.48	9.20	68.11
1949	Dry	7.14	6.54	5.39	1.59	2.35	2.88	6.88	7.76	7.98	7.53	8.30	7.95	72.29
1950	Below Normal	6.98	6.37	5.53	1.97	2.34	2.53	5.74	7.32	0.17	8.38	9.24	8.96	65.53
1951	Above Normal	6.95	6.36	5.25	11.56	9.28	11.59	6.49	7.02	7.37	6.89	7.68	7.26	93.70
1952	Wet	7.07	6.41	5.76	9.26	9.18	6.46	5.41	5.78	6.04	5.78	6.70	6.31	80.16
1953	Wet	6.06	5.45	7.91	9.13	9.50	11.70	8.37	6.74	6.85	6.50	7.34	7.01	92.56
1954	Above Normal	6.34	5.75	5.00	6.13	6.52	5.87	6.33	8.10	7.57	6.95	8.89	8.60	82.05
1955	Dry	6.75	6.16	5.07	1.80	2.78	3.29	5.28	6.78	6.77	6.50	7.29	7.05	65.52
1956	Wet	5.50	5.00	4.13	9.70	9.45	11.87	7.40	7.67	8.05	7.54	8.42	7.96	92.69
1957	Above Normal	7.76	7.04	6.31	10.17	9.75	5.96	5.24	3.24	0.20	8.02	8.79	8.54	81.02
1958	Wet	6.58	6.01	4.96	1.91	4.47	10.64	7.36	7.64	8.01	7.54	8.50	8.01	81.63
1959	Below Normal	7.79	7.05	6.26	8.51	8.57	9.87	6.04	7.69	0.19	8.29	9.23	8.93	88.42
1960	Dry	6.97	6.36	5.24	1.40	1.85	2.58	6.78	8.54	3.18	8.84	4.81	10.39	66.94
1961	Dry	8.21	7.51	6.23	2.08	2.64	2.53	5.70	7.26	7.30	6.98	5.30	2.22	63.96
1962	Below Normal	0.02	5.50	10.85	0.76	1.30	3.27	5.78	7.43	0.18	8.51	9.40	9.12	62.12
1963	Wet	7.08	6.47	5.34	3.85	4.56	5.75	6.49	6.74	7.06	6.62	7.38	6.97	74.31
1964	Dry	6.79	6.14	6.98	7.89	5.01	5.40	7.01	7.03	7.39	6.92	7.65	7.21	81.42
1965	Wet	7.04	6.37	5.75	7.77	8.18	6.37	6.39	6.58	6.42	6.48	7.22	6.82	81.39
1966	Below Normal	6.52	5.90	5.27	8.38	8.75	6.52	6.11	7.61	6.61	7.37	8.44	8.13	85.61
1967	Wet	6.58	5.99	4.95	2.41	4.98	6.01	6.97	7.14	7.49	7.04	7.88	7.44	74.88
1968	Below Normal	7.22	6.54	5.85	8.31	10.18	10.56	6.98	7.02	7.16	6.78	7.72	7.40	91.72
1969	Wet	6.40	5.81	4.95	5.71	11.01	12.21	6.38	6.66	6.99	6.61	7.57	7.15	87.45
1970	Wet	6.99	6.13	5.48	9.10	10.33	12.09	6.55	7.02	7.37	6.88	7.67	7.24	92.85
1971	Wet	7.06	6.39	5.75	8.50	9.93	7.77	5.86	7.58	7.41	7.26	8.32	8.02	89.85
1972	Below Normal	6.35	5.79	4.75	2.16	3.99	5.27	6.29	7.71	7.77	7.40	8.38	8.06	73.92
1973	Above Normal	6.61	6.03	5.04	3.09	5.70	6.59	6.86	7.26	7.64	7.11	7.87	7.42	77.22
1974	Wet	7.24	6.56	5.92	8.52	7.37	9.91	7.09	7.06	7.43	6.95	7.82	7.39	89.26
1975	Wet	7.19	6.49	5.79	9.74	9.75	8.71	7.04	7.09	7.46	6.95	7.65	7.22	91.08
1976	Critical	7.01	6.36	5.77	8.23	8.65	5.09	5.95	7.66	0.23	8.33	4.46	9.79	77.53
1977	Critical	7.58	6.92	5.71	1.38	1.84	1.82	0.71	0.14	0.16	0.28	0.24	0.17	26.95
1978	Above Normal	0.03	0.00	7.54	0.81	2.40	4.90	6.38	6.50	6.83	6.39	7.05	6.63	55.46
1979	Below Normal	6.45	5.83	5.27	8.29	8.49	6.63	6.57	6.85	7.21	6.74	7.46	7.04	82.83
1980	Above Normal	6.83	6.18	5.57	8.50	8.99	12.21	6.28	6.54	6.87	6.52	7.43	7.00	88.92
1981	Dry	6.76	6.10	5.37	9.69	9.92	6.58	5.79	7.56	0.23	8.65	7.99	9.52	84.16
1982	Wet	7.35	6.71	5.53	3.57	4.36	12.11	7.70	7.33	7.69	7.23	8.21	7.75	85.54
1983	Wet	7.62	6.90	11.26	9.83	9.30	12.21	5.11	5.40	5.97	5.43	6.06	5.99	91.08
1984	Wet	6.49	5.90	11.26	9.03	9.54	12.22	6.55	7.12	7.45	6.99	7.78	7.36	97.69
1985	Dry	7.16	6.50	6.57	9.53	8.99	7.54	6.53	6.71	7.07	6.60	7.28	6.86	87.34
1986	Wet	6.68	6.06	5.48	8.16	7.93	11.83	7.01	7.28	7.66	7.20	8.10	7.61	91.00
1987	Dry	7.38	6.70	5.96	9.70	9.69	5.40	5.09	6.89	7.07	6.08	6.00	5.85	81.81
1988	Critical	3.64	2.83	2.35	1.06	1.87	1.76	3.38	4.51	4.63	4.02	3.93	3.82	37.80
1989	Dry	2.32	1.76	1.49	0.90	1.59	1.74	6.60	8.57	4.20	8.65	8.10	9.64	55.56
1990	Critical	7.54	6.89	5.67	1.46	2.04	2.22	4.41	5.94	6.10	5.26	5.17	5.03	57.73
1991	Critical	3.10	2.39	2.00	0.99	1.50	1.72	3.45	4.22	1.28	4.82	4.66	4.56	34.69
1992	Critical	2.72	1.95	1.78	0.90	1.43	1.61	3.39	4.52	4.63	0.22	0.22	1.65	25.02
1993	Above Normal	5.69	0.00	7.70	0.89	3.70	5.00	6.39	7.17	2.42	7.49	8.36	7.98	62.79
1994	Critical	7.08	6.45	5.58	5.60	5.90	4.22	5.41	6.90	4.63	6.87	0.22	6.48	65.34
1995	Wet	0.02	1.50	11.07	0.75	3.31	4.53	7.47	7.53	7.90	7.42	8.28	7.80	67.58
1996	Wet	7.59	6.88	6.16	9.09	9.36	7.75	7.13	7.16	7.52	7.03	7.80	7.35	90.82
1997	Wet	7.16	6.50	5.86	9.56	8.10	11.83	6.42	6.68	6.99	6.58	7.44	7.03	90.15
1998	Wet	6.80	6.16	5.48	9.57	7.26	9.52	6.37	6.71	7.04	6.69	7.63	7.18	86.41
1999	Wet	6.91	7.12	6.94	9.22	6.75	10.18	6.59	7.03	7.36	6.93	7.72	7.29	90.04
2000	Above Normal	7.09	6.43	5.79	8.98	8.65	6.45	6.49	8.01	8.06	7.73	8.65	8.34	90.67
2001	Dry	6.79	6.20	5.20	2.76	3.05	2.73	5.14	7.01	7.17	6.21	6.12	5.97	64.35
2002	Dry	3.68	2.88	2.39	1.41	2.68	3.47	7.16	7.17	7.51	7.05	7.70	7.25	60.35
2003	Above Normal	7.05	2.38	7.92	1.68	2.73	3.42	5.40	6.92	0.13	7.96	8.74	8.48	62.81
	Average	6.19	5.57	5.56	5.28	5.75	6.45	6.06	6.82	5.92	6.77	7.09	7.07	74.53
	Wet	6.54	6.02	6.21	7.08	7.73	9.62	6.77	6.94	7.24	6.81	7.68	7.24	85.87
	Above Normal	6.80	5.00	6.59	5.26	5.92	6.32	6.31	6.90	5.59	7.23	8.13	7.76	77.81
	Below Normal	6.02	6.28	5.89	5.30	5.63	6.76	6.31	7.15	4.90	7.57	8.44	8.09	78.34
	Dry	5.89	5.26	4.64	4.32	4.51	4.25	6.03	7.33	6.07	7.18	6.99	7.42	69.89
	Critical	5.48	4.81	4.11	2.82	3.28	2.65	4.05	5.33	4.36	4.71	3.31	4.29	49.18

Energy generated (GWh) at Mojave Dam: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	11.97	10.19	8.61	1.98	3.38	5.15	6.53	6.58	6.91	6.48	7.22	6.82	81.82
1923	Below Normal	6.62	5.99	5.38	9.88	7.49	8.96	5.99	7.35	7.35	7.05	8.09	7.78	87.93
1924	Critical	6.44	5.85	4.89	2.83	3.18	2.66	3.88	5.22	5.36	4.63	4.54	4.42	53.90
1925	Dry	2.69	2.07	1.74	0.95	1.50	3.12	6.18	8.16	8.17	7.82	8.79	8.50	59.69
1926	Dry	6.67	6.10	5.02	1.45	2.21	3.07	5.12	6.99	7.01	6.70	7.55	7.29	65.18
1927	Wet	5.72	5.21	4.30	1.65	3.32	6.13	7.06	7.23	7.59	7.10	7.81	7.36	70.48
1928	Above Normal	7.18	6.51	5.89	8.30	8.30	5.09	7.08	7.20	7.53	7.05	7.70	7.26	85.09
1929	Critical	6.99	6.36	5.77	7.77	7.54	3.93	3.26	4.84	4.95	4.30	4.22	3.95	63.88
1930	Dry	2.55	1.94	1.63	0.91	1.77	2.17	5.16	6.78	6.90	6.32	6.73	6.53	49.39
1931	Critical	4.62	3.99	3.34	1.15	1.82	2.00	4.59	6.20	6.33	5.47	5.38	5.23	50.12
1932	Dry	3.07	2.56	2.12	1.08	2.23	2.72	4.91	6.33	6.38	6.04	6.68	6.47	50.59
1933	Critical	4.91	4.42	3.67	1.22	1.93	2.57	5.16	7.03	7.19	6.33	6.39	6.23	57.05
1934	Critical	4.03	3.23	2.69	1.10	1.61	2.12	4.93	6.67	6.82	5.89	0.22	0.16	39.47
1935	Below Normal	1.76	8.62	6.62	1.05	2.03	2.63	6.29	8.12	1.28	8.59	9.56	9.25	65.80
1936	Below Normal	7.19	6.61	5.45	1.51	2.83	7.17	7.03	7.54	7.91	7.39	8.15	7.68	76.46
1937	Below Normal	7.48	6.80	6.15	8.83	8.96	10.45	6.76	7.02	7.37	6.94	7.71	7.25	91.72
1938	Wet	7.01	6.37	5.70	7.80	7.72	12.62	6.24	6.51	6.87	6.48	7.43	7.01	87.76
1939	Dry	6.76	6.11	5.36	8.42	6.58	11.14	6.45	7.88	0.31	8.42	3.90	10.09	81.42
1940	Above Normal	8.15	0.59	8.77	0.79	1.42	3.51	6.28	8.25	5.50	8.17	9.15	8.85	69.43
1941	Wet	6.94	6.34	5.21	2.89	3.75	9.58	5.69	6.03	6.33	6.00	6.85	6.46	72.07
1942	Wet	6.22	5.62	4.95	7.16	9.71	11.73	7.78	6.51	6.85	6.44	7.23	6.82	87.02
1943	Wet	6.63	5.99	5.36	8.52	9.93	8.28	7.56	7.40	7.74	7.29	8.15	7.70	90.55
1944	Dry	7.47	6.78	6.06	6.99	6.78	4.21	5.11	6.66	6.69	6.29	6.86	6.65	76.55
1945	Below Normal	4.93	4.37	3.63	1.49	2.28	10.55	7.02	7.23	7.60	7.11	7.82	7.37	71.40
1946	Below Normal	7.18	6.51	6.34	9.63	6.77	6.70	6.63	6.83	7.15	6.71	7.48	7.06	84.99
1947	Dry	6.87	6.23	5.60	8.43	8.84	5.13	6.86	7.93	8.09	7.66	8.47	8.13	88.24
1948	Below Normal	7.01	6.40	5.51	4.61	4.73	2.91	4.94	4.53	0.18	8.59	9.48	9.21	68.10
1949	Dry	7.15	6.54	5.39	1.58	2.35	2.88	6.88	7.77	7.99	7.53	8.31	7.96	72.33
1950	Below Normal	6.98	6.37	5.53	1.90	2.27	2.51	5.74	7.32	0.17	8.38	9.24	8.96	65.37
1951	Above Normal	6.95	6.36	5.25	11.56	11.02	11.59	6.49	7.02	7.37	6.89	7.68	7.26	95.44
1952	Wet	7.07	6.41	5.76	9.12	9.18	6.46	5.41	5.55	5.80	5.53	6.35	5.99	78.63
1953	Wet	5.77	5.18	8.66	10.30	8.79	10.23	6.77	6.59	6.79	6.44	7.24	6.90	89.66
1954	Above Normal	6.33	5.74	5.03	6.55	6.88	6.10	6.38	8.16	8.12	6.85	8.92	8.64	83.70
1955	Dry	6.79	6.19	5.09	1.80	2.78	3.28	5.24	6.72	6.72	6.45	7.23	6.99	65.28
1956	Wet	5.45	4.96	4.09	7.33	9.46	11.87	7.41	7.68	8.06	7.54	8.43	7.97	90.25
1957	Above Normal	7.77	7.04	6.31	9.81	9.75	5.95	5.24	3.29	0.20	8.02	8.79	8.54	80.71
1958	Wet	6.58	6.01	4.96	1.91	4.47	10.62	7.36	7.64	8.01	7.54	8.50	8.01	81.61
1959	Below Normal	7.79	7.05	6.26	8.49	8.55	9.76	5.89	7.49	0.22	8.34	9.23	8.95	88.02
1960	Dry	6.96	6.35	5.23	1.38	1.82	2.60	6.79	8.52	3.76	8.69	5.29	10.09	67.48
1961	Dry	8.04	7.35	6.12	2.23	2.77	2.58	5.71	7.28	7.32	6.99	5.46	2.21	64.06
1962	Below Normal	0.02	5.51	10.90	0.76	1.30	3.27	5.78	7.43	0.18	8.52	9.40	9.12	62.19
1963	Wet	7.08	6.47	5.34	3.85	4.56	5.75	6.49	6.74	7.06	6.62	7.38	6.97	74.31
1964	Dry	6.79	6.14	6.98	7.89	5.02	5.41	7.00	7.03	7.39	6.91	7.65	7.20	81.41
1965	Wet	7.04	6.37	5.75	7.80	8.20	6.34	6.39	6.60	6.17	6.52	7.26	6.86	81.30
1966	Below Normal	6.55	5.92	5.29	8.34	8.70	6.50	6.11	7.61	6.60	7.37	8.45	8.13	85.57
1967	Wet	6.58	5.99	4.95	2.40	4.98	6.01	6.98	7.14	7.48	7.04	7.87	7.43	74.85
1968	Below Normal	7.21	6.53	5.84	7.69	10.18	10.63	7.01	7.20	7.29	6.93	7.93	7.62	92.06
1969	Wet	6.42	5.83	4.91	5.01	10.27	12.21	6.34	6.62	6.95	6.58	7.53	7.11	85.78
1970	Wet	6.95	6.10	5.44	6.84	10.26	12.11	6.55	7.03	7.39	6.90	7.68	7.25	90.50
1971	Wet	7.07	6.40	5.76	8.50	7.78	7.77	5.85	7.56	7.16	7.26	8.32	8.02	87.45
1972	Below Normal	6.35	5.79	4.75	2.16	3.99	5.27	6.28	7.71	7.76	7.39	8.37	8.06	73.88
1973	Above Normal	6.61	6.02	5.03	3.10	5.70	6.63	6.83	7.26	7.64	7.11	7.87	7.43	77.23
1974	Wet	7.24	6.56	5.92	9.90	8.16	9.10	7.44	7.00	7.38	6.89	7.74	7.32	90.65
1975	Wet	7.12	6.43	5.75	9.48	9.48	8.38	7.12	7.18	7.55	7.03	7.74	7.31	90.57
1976	Critical	7.10	6.44	5.84	8.33	8.74	5.11	5.91	7.61	0.19	8.28	4.60	9.69	77.84
1977	Critical	7.49	6.84	5.64	1.38	1.84	1.82	1.24	0.14	0.17	0.28	0.23	0.17	27.24
1978	Above Normal	0.03	0.00	7.65	0.81	2.41	4.80	6.37	6.85	7.12	6.69	7.42	7.04	57.19
1979	Below Normal	6.52	5.90	5.22	6.78	7.05	7.09	6.85	6.91	7.28	6.79	7.51	7.09	80.99
1980	Above Normal	6.88	6.23	5.62	8.33	9.35	11.94	5.97	6.28	6.60	6.25	7.09	6.68	87.22
1981	Dry	6.45	5.82	5.15	9.59	9.69	7.65	5.93	7.76	0.23	8.59	7.36	9.61	83.83
1982	Wet	7.43	6.79	5.59	3.59	4.38	12.10	7.70	7.33	7.69	7.24	8.21	7.75	85.80
1983	Wet	7.52	6.99	11.26	9.83	9.30	12.21	5.11	5.40	5.97	5.43	6.06	5.99	91.07
1984	Wet	6.49	5.90	11.26	9.03	9.57	12.22	6.55	7.12	7.45	6.99	7.78	7.36	97.72
1985	Dry	7.16	6.50	6.57	9.53	8.99	7.54	6.53	6.71	7.07	6.60	7.28	6.86	87.34
1986	Wet	6.68	6.06	5.48	8.16	7.93	7.67	7.21	7.29	7.67	7.21	8.11	7.62	87.09
1987	Dry	7.39	6.70	5.96	9.70	9.69	5.41	4.91	6.64	6.81	5.85	5.78	5.63	80.47
1988	Critical	3.50	2.72	2.26	1.04	1.85	1.75	3.38	4.51	4.63	4.02	3.93	3.82	37.41
1989	Dry	2.32	1.76	1.49	0.90	1.59	1.74	6.60	8.56	4.11	8.65	7.59	9.73	55.04
1990	Critical	7.60	6.95	5.72	1.46	2.04	2.22	4.41	5.94	6.10	5.26	5.17	5.04	57.91
1991	Critical	3.10	2.39	2.00	0.99	1.50	1.72	3.44	4.06	1.27	4.84	4.68	4.58	34.57
1992	Critical	2.73	1.78	1.90	0.90	1.43	1.60	3.39	4.52	4.63	0.22	0.22	1.61	24.93
1993	Above Normal	5.65	0.00	7.77	0.89	3.70	4.99	6.39	7.18	2.24	7.51	8.38	8.00	62.70
1994	Critical	7.09	6.45	5.59	5.56	5.86	4.21	5.41	6.90	4.65	6.87	0.22	6.48	65.29
1995	Wet	1.15	0.97	11.07	0.75	3.31	4.53	7.47	7.53	7.90	7.42	8.28	7.80	68.18
1996	Wet	7.59	6.88	6.16	4.61	5.32	6.01	6.99	7.02	7.37	6.89	7.66	7.22	79.72
1997	Wet	7.03	6.38	5.75	8.88	9.83	11.82	6.43	6.69	7.01	6.60	7.45	7.04	90.91
1998	Wet	6.82	6.17	5.49	9.65	8.14	9.05	6.37	6.47	6.79	6.44	7.28	6.85	85.52
1999	Wet	7.37	6.75	7.38	10.39	8.51	9.31	6.56	7.04	7.37	6.94	7.74	7.30	92.66
2000	Above Normal	7.11	6.45	5.80	9.02	8.70	6.41	6.48	8.07	8.10	7.78	8.71	8.40	91.03
2001	Dry	6.79	6.20	5.18	2.48	2.80	2.67	5.18	7.07	7.22	6.26	6.17	6.02	64.04
2002	Dry	3.71	2.91	2.41	1.42	2.68	3.46	7.14	7.15	7.49	7.03	7.68	7.22	60.30
2003	Above Normal	7.02	2.81	7.47	1.76	2.81	3.44	5.40	6.92	0.13	7.96	8.74	8.48	62.94
	Average	6.19	5.53	5.57	5.14	5.69	6.32	6.04	6.80	5.90	6.76	7.06	7.06	74.07
	Wet	6.58	5.97	6.24	6.74	7.55	9.24	6.72	6.88	7.17	6.78	7.62	7.21	84.70
	Above Normal	6.80	4.83	6.60	5.24	6.12	6.30	6.29	6.92	5.62	7.23	8.14	7.78	77.88
	Below Normal	5.97	6.31	5.92	5.22	5.51	6.74	6.31	7.16	4.88	7.58	8.46	8.11	78.18
	Dry	5.87	5.24	4.62	4.26	4.45	4.27	5.98	7.33	6.09	7.16	6.93	7.40	69.59
	Critical	5.47	4.79	4.11	2.81	3.28	2.64	4.08	5.30	4.36	4.70	3.32	4.28	49.13

Difference in Energy generated (GWh) at Mojave Dam: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	1.33	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00	0.11
1924	Critical	0.00	0.00	0.00	(0.05)	(0.06)	(0.05)	(0.08)	(0.11)	(0.11)	(0.09)	(0.09)	(0.09)	(0.06)
1925	Dry	(0.06)	(0.05)	(0.04)	(0.01)	(0.02)	(0.02)	0.02	0.02	0.03	0.03	0.03	0.03	0.00
1926	Dry	0.02	0.02	0.01	0.00	0.00	(0.01)	0.00	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)
1927	Wet	(0.02)	(0.01)	(0.01)	0.00	(0.02)	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00
1928	Above Normal	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.01
1929	Critical	0.00	0.00	0.00	(0.03)	(0.02)	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.03	0.00
1930	Dry	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.08	0.01
1932	Dry	0.03	(0.02)	(0.02)	0.00	0.00	0.01	(0.01)	(0.02)	(0.01)	(0.01)	0.00	0.00	0.00
1933	Critical	0.01	0.01	0.01	0.00	0.00	(0.02)	0.00	0.02	0.01	0.00	(0.03)	(0.03)	0.00
1934	Critical	(0.05)	(0.06)	(0.06)	(0.01)	0.00	0.01	0.02	0.03	0.04	0.03	0.00	0.00	0.00
1935	Below Normal	(0.81)	0.36	0.26	0.00	0.00	0.00	(0.04)	(0.05)	(0.42)	0.00	0.01	0.00	(0.06)
1936	Below Normal	0.01	0.02	0.02	0.01	0.02	(0.17)	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)
1937	Below Normal	(0.01)	0.00	0.00	0.00	0.05	1.21	(0.11)	(0.11)	(0.12)	(0.10)	(0.11)	(0.10)	0.05
1938	Wet	(0.10)	(0.09)	(0.09)	(1.67)	(2.07)	0.41	(0.07)	(0.74)	(0.74)	(0.16)	(0.73)	(0.07)	(0.51)
1939	Dry	(0.07)	(0.06)	(0.06)	0.00	0.18	(0.54)	(0.80)	0.13	0.12	(0.01)	(0.27)	(0.06)	(0.12)
1940	Above Normal	0.00	(2.54)	0.37	(0.30)	(0.25)	(0.06)	(0.01)	0.00	(0.03)	0.00	0.00	0.00	(0.24)
1941	Wet	0.00	0.00	(0.01)	0.00	0.00	(0.71)	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)
1942	Wet	0.00	0.00	0.00	0.00	0.04	0.00	(0.03)	(0.02)	(0.02)	(0.02)	(0.03)	(0.03)	(0.01)
1943	Wet	(0.03)	(0.03)	(0.01)	0.08	0.16	0.25	0.17	0.00	0.00	0.00	(0.02)	(0.01)	0.05
1944	Dry	(0.02)	(0.01)	0.00	(0.91)	(0.81)	(0.27)	0.00	0.01	0.02	0.01	(0.01)	(0.01)	(0.17)
1945	Below Normal	(0.02)	(0.03)	(0.03)	(0.01)	0.00	(1.61)	0.01	0.01	0.01	0.01	0.01	0.01	(0.14)
1946	Below Normal	0.01	0.01	0.10	0.00	0.00	0.03	0.03	0.04	0.03	0.03	0.04	0.03	0.03
1947	Dry	0.03	0.03	0.02	0.06	0.01	0.00	(0.01)	0.03	0.02	0.03	0.03	0.03	0.02
1948	Below Normal	0.00	0.01	(0.01)	(0.13)	(0.12)	(0.05)	0.01	0.27	0.00	0.00	0.00	0.01	0.00
1949	Dry	0.01	0.00	0.00	(0.01)	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.00
1950	Below Normal	0.00	0.00	0.00	(0.07)	(0.07)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1951	Above Normal	0.00	0.00	0.00	0.00	1.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15
1952	Wet	0.00	0.00	0.00	(0.14)	0.00	0.00	0.00	(0.23)	(0.24)	(0.25)	(0.35)	(0.32)	(0.13)
1953	Wet	(0.29)	(0.27)	0.75	1.17	(0.71)	(1.47)	(1.60)	(0.15)	(0.06)	(0.06)	(0.10)	(0.11)	(0.24)
1954	Above Normal	(0.01)	(0.01)	0.03	0.42	0.36	0.23	0.05	0.06	0.55	(0.10)	0.03	0.04	0.14
1955	Dry	0.04	0.03	0.02	0.00	0.00	(0.01)	(0.04)	(0.06)	(0.05)	(0.05)	(0.06)	(0.06)	(0.02)
1956	Wet	(0.05)	(0.04)	(0.04)	(2.37)	0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.01	(0.20)
1957	Above Normal	0.01	0.00	0.00	(0.36)	0.00	(0.01)	0.00	0.05	0.00	0.00	0.00	0.00	(0.03)
1958	Wet	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	(0.02)	(0.02)	(0.11)	(0.15)	(0.20)	0.03	0.05	0.00	0.02	(0.03)
1960	Dry	(0.01)	(0.01)	(0.01)	(0.02)	(0.03)	0.02	0.01	(0.02)	0.58	(0.15)	0.48	(0.30)	0.04
1961	Dry	(0.17)	(0.16)	(0.11)	0.15	0.13	0.05	0.01	0.02	0.02	0.01	0.16	(0.01)	0.01
1962	Below Normal	0.00	0.01	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.01	0.01	(0.01)	0.00	0.00	(0.01)	0.00	(0.01)	0.00
1965	Wet	0.00	0.00	0.00	0.03	0.02	(0.03)	0.00	0.02	(0.25)	0.04	0.04	0.04	(0.01)
1966	Below Normal	0.03	0.02	0.02	(0.04)	(0.05)	(0.02)	0.00	0.00	(0.01)	0.00	0.01	0.00	0.00
1967	Wet	0.00	0.00	0.00	(0.01)	0.00	0.00	0.01	0.00	(0.01)	0.00	(0.01)	(0.01)	0.00
1968	Below Normal	(0.01)	(0.01)	(0.01)	(0.62)	0.00	0.07	0.03	0.18	0.13	0.15	0.21	0.22	0.03
1969	Wet	0.02	0.02	(0.04)	(0.70)	(0.74)	0.00	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	(0.04)	(0.14)
1970	Wet	(0.04)	(0.03)	(0.04)	(2.26)	(0.07)	0.02	0.00	0.01	0.02	0.02	0.01	0.01	(0.20)
1971	Wet	0.01	0.01	0.01	0.00	(2.15)	0.00	(0.01)	(0.02)	(0.25)	0.00	0.00	0.00	(0.20)
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00
1973	Above Normal	0.00	(0.01)	(0.01)	0.01	0.00	0.04	(0.03)	0.00	0.00	0.00	0.00	0.01	0.00
1974	Wet	0.00	0.00	0.00	1.38	0.79	(0.81)	0.35	(0.06)	(0.05)	(0.06)	(0.08)	(0.07)	0.12
1975	Wet	(0.07)	(0.06)	(0.04)	(0.26)	(0.27)	(0.33)	0.08	0.09	0.09	0.08	0.09	0.09	(0.04)
1976	Critical	0.09	0.08	0.07	0.10	0.09	0.02	(0.04)	(0.05)	(0.04)	(0.05)	0.14	(0.10)	0.03
1977	Critical	(0.09)	(0.08)	(0.07)	0.00	0.00	0.00	0.53	0.00	0.01	0.00	(0.01)	0.00	0.02
1978	Above Normal	0.00	0.00	0.11	0.00	0.01	(0.10)	(0.01)	0.35	0.29	0.30	0.37	0.41	0.14
1979	Below Normal	0.07	0.07	(0.05)	(1.51)	(1.44)	0.46	0.28	0.06	0.07	0.05	0.05	0.05	(0.15)
1980	Above Normal	0.05	0.05	0.05	(0.17)	0.36	(0.27)	(0.31)	(0.26)	(0.27)	(0.27)	(0.34)	(0.32)	(0.14)
1981	Dry	(0.31)	(0.28)	(0.22)	(0.10)	(0.23)	1.07	0.14	0.20	0.00	(0.06)	(0.63)	0.09	(0.03)
1982	Wet	0.08	0.08	0.06	0.02	0.02	(0.01)	0.00	0.00	0.00	0.01	0.00	0.00	0.02
1983	Wet	(0.10)	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(4.16)	0.20	0.01	0.01	0.01	0.01	0.01	(0.33)
1987	Dry	0.01	0.00	0.00	0.00	0.00	0.01	(0.18)	(0.25)	(0.26)	(0.23)	(0.22)	(0.22)	(0.11)
1988	Critical	(0.14)	(0.11)	(0.09)	(0.02)	(0.02)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.09)	0.00	(0.51)	0.09	(0.04)
1990	Critical	0.06	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.16)	(0.01)	0.02	0.02	0.02	(0.01)
1992	Critical	0.01	(0.17)	0.12	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.04)	(0.01)
1993	Above Normal	(0.04)	0.00	0.07	0.00	0.00	(0.01)	0.00	0.01	(0.18)	0.02	0.02	0.02	(0.01)
1994	Critical	0.01	0.00	0.01	(0.04)	(0.04)	(0.01)	0.00	0.00	0.02	0.00	0.00	0.00	0.00
1995	Wet	1.13	(0.53)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
1996	Wet	0.00	0.00	0.00	(4.48)	(4.04)	(1.74)	(0.14)	(0.14)	(0.15)	(0.14)	(0.14)	(0.13)	(0.93)
1997	Wet	(0.13)	(0.12)	(0.11)	(0.68)	1.73	(0.01)	0.01	0.01	0.02	0.02	0.01	0.01	0.06
1998	Wet	0.02	0.01	0.01	0.08	0.88	(0.47)	0.00	(0.24)	(0.25)	(0.25)	(0.35)	(0.33)	(0.07)
1999	Wet	0.46	(0.37)	0.44	1.17	1.76	(0.87)	(0.03)	0.01	0.01	0.01	0.02	0.01	0.22
2000	Above Normal	0.02	0.02	0.01	0.04	0.05	(0.04)	(0.01)	0.06	0.04	0.05	0.06	0.06	0.03
2001	Dry	0.00	0.00	(0.02)	(0.28)	(0.25)	(0.06)	0.04	0.06	0.05	0.05	0.05	0.05	(0.03)
2002	Dry	0.03	0.03	0.02	0.01	0.00	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)	0.00
2003	Above Normal	(0.03)	0.43	(0.45)	0.08	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01
	Average	(0.00)	(0.05)	0.01	(0.14)	(0.06)	(0.12)	(0.02)	(0.01)	(0.02)	(0.01)	(0.03)	(0.01)	(0.04)
	Wet	0.03	(0.05)	0.03	(0.33)	(0.18)	(0.38)	(0.04)	(0.06)	(0.07)	(0.03)	(0.06)	(0.04)	(0.10)
	Above Normal	0.00	(0.17)	0.01	(0.02)	0.20	(0.02)	(0.03)	0.02	0.03	0.00	0.01	0.02	0.01
	Below Normal	(0.05)	0.03	0.03	(0.08)	(0.12)	(0.02)	0.00	0.01	(0.02)	0.01	0.02	0.02	(0.01)
	Dry	(0.03)	(0.03)	(0.02)	(0.06)	(0.06)	0.01	(0.05)	0.00	0.02	(0.02)	(0.05)	(0.02)	(0.03)
	Critical	(0.01)	(0.02)	0.00	(0.00)	(0.00)	(0.01)	0.04	(0.02)	(0.01)	(0.01)	0.00	(0.01)	(0.00)

Percent Difference in Energy generated (GWh) at Mojave Dam: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	16%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%
1925	Dry	-2%	-2%	-2%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1930	Dry	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1932	Dry	1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1934	Critical	-1%	-2%	-2%	-1%	0%	0%	0%	0%	1%	1%	0%	0%
1935	Below Normal	-32%	4%	4%	0%	0%	0%	-1%	-1%	-25%	0%	0%	0%
1936	Below Normal	0%	0%	0%	1%	1%	-2%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	1%	13%	-2%	-2%	-2%	-1%	-1%	-1%
1938	Wet	-1%	-1%	-2%	-18%	-21%	3%	-1%	-10%	-10%	-2%	-9%	-1%
1939	Dry	-1%	-1%	-1%	0%	3%	-5%	-11%	2%	63%	0%	-6%	-1%
1940	Above Normal	0%	-81%	4%	-28%	-15%	-2%	0%	0%	-1%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	1%	2%	3%	2%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	-12%	-11%	-6%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	-1%	-1%	-1%	0%	-13%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	2%	0%	0%	0%	0%	1%	0%	0%	1%	0%
1947	Dry	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-3%	-2%	-2%	0%	6%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-4%	-3%	-1%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	19%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-2%	0%	0%	0%	-4%	-4%	-4%	-5%	-5%
1953	Wet	-5%	-5%	9%	13%	-7%	-13%	-19%	-2%	-1%	-1%	-1%	-2%
1954	Above Normal	0%	0%	1%	7%	6%	4%	1%	1%	7%	-1%	0%	0%
1955	Dry	1%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-1%	-24%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	-4%	0%	0%	0%	2%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-1%	-2%	-3%	16%	1%	0%	0%
1960	Dry	0%	0%	0%	-1%	-2%	1%	0%	0%	18%	-2%	10%	-3%
1961	Dry	-2%	-2%	-2%	7%	5%	2%	0%	0%	0%	0%	3%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-4%	1%	1%	1%
1966	Below Normal	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	-7%	0%	1%	0%	3%	2%	2%	3%	3%
1969	Wet	0%	0%	-1%	-12%	-7%	0%	-1%	-1%	-1%	0%	-1%	-1%
1970	Wet	-1%	0%	-1%	-25%	-1%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	-22%	0%	0%	0%	-3%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	16%	11%	-8%	5%	-1%	-1%	-1%	-1%	-1%
1975	Wet	-1%	-1%	-1%	-3%	-3%	-4%	1%	1%	1%	1%	1%	1%
1976	Critical	1%	1%	1%	1%	1%	0%	-1%	-1%	-17%	-1%	3%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	75%	0%	6%	0%	-4%	0%
1978	Above Normal	0%	0%	1%	0%	0%	-2%	0%	5%	4%	5%	5%	6%
1979	Below Normal	1%	1%	-1%	-18%	-17%	7%	4%	1%	1%	1%	1%	1%
1980	Above Normal	1%	1%	1%	-2%	4%	-2%	-5%	-4%	-4%	-4%	-5%	-5%
1981	Dry	-5%	-5%	-4%	-1%	-2%	16%	2%	3%	0%	-1%	-8%	1%
1982	Wet	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-35%	3%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-4%	-4%	-4%	-4%	-4%	-4%
1988	Critical	-4%	-4%	-4%	-2%	-1%	-1%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	-6%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-4%	-1%	0%	0%	0%
1992	Critical	0%	-9%	7%	0%	0%	-1%	0%	0%	0%	0%	0%	-2%
1993	Above Normal	-1%	0%	1%	0%	0%	0%	0%	0%	-7%	0%	0%	0%
1994	Critical	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	>1,000%	-35%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	-49%	-43%	-22%	-2%	-2%	-2%	-2%	-2%	-2%
1997	Wet	-2%	-2%	-2%	-7%	21%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	1%	12%	-5%	0%	-4%	-4%	-4%	-5%	-5%
1999	Wet	7%	-5%	6%	13%	26%	-9%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	1%	-1%	0%	1%	0%	1%	1%	1%
2001	Dry	0%	0%	0%	-10%	-8%	-2%	1%	1%	1%	1%	1%	1%
2002	Dry	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	18%	-6%	5%	3%	1%	0%	0%	0%	0%	0%	0%
	Average	-1%	-2%	0%	-2%	-1%	-1%	1%	0%	0%	0%	0%	0%
	Wet	0%	-2%	0%	-4%	-1%	-4%	0%	-1%	-1%	0%	-1%	-1%
	Above Normal	0%	-5%	0%	-2%	1%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	-2%	0%	0%	-1%	-2%	0%	0%	0%	-1%	0%	0%	0%
	Dry	0%	-1%	-1%	-1%	-1%	0%	-1%	0%	4%	0%	-1%	0%
	Critical	0%	-1%	0%	0%	0%	0%	6%	0%	-1%	0%	0%	0%

Energy generated (GWh) at Oroville Dam: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	162.24	78.67	106.18	49.63	79.41	158.45	119.22	609.34	325.41	367.32	235.59	341.07	2,632.53
1923	Below Normal	133.70	78.68	123.02	49.89	99.73	54.44	86.35	123.32	128.70	374.98	306.40	115.76	1,674.97
1924	Critical	86.62	73.99	59.59	47.11	45.15	75.89	101.03	120.71	132.76	246.34	70.85	33.95	1,093.99
1925	Dry	20.91	20.23	21.32	36.56	19.40	20.07	63.52	95.19	194.43	344.00	181.62	168.78	1,186.03
1926	Dry	64.41	31.47	45.05	31.14	17.99	44.00	47.96	183.01	242.97	361.57	191.68	85.15	1,346.40
1927	Wet	26.01	39.96	112.37	20.08	76.81	238.14	223.48	228.22	165.78	425.49	342.98	358.02	2,257.34
1928	Above Normal	122.29	71.93	89.13	45.01	121.77	266.61	87.03	126.15	259.67	424.42	316.46	264.54	2,195.01
1929	Critical	112.98	32.02	41.66	52.43	41.70	45.70	114.59	149.31	124.60	88.04	71.82	35.75	910.60
1930	Dry	29.49	19.65	115.04	19.73	101.99	19.41	71.64	105.37	227.47	365.54	181.89	167.70	1,424.92
1931	Critical	54.95	28.08	22.44	21.63	20.37	19.98	139.00	101.48	118.51	191.60	84.04	35.58	837.66
1932	Dry	25.27	19.81	106.47	19.02	35.42	76.04	94.31	76.99	107.75	316.98	198.44	63.46	1,139.96
1933	Critical	66.05	34.82	30.34	27.91	19.41	123.13	93.70	112.73	133.02	134.19	70.13	36.52	881.95
1934	Critical	26.63	20.59	65.17	35.08	83.78	20.96	111.46	128.30	130.68	79.92	77.06	33.15	812.78
1935	Below Normal	31.38	19.74	20.09	36.00	20.17	19.14	55.82	120.12	170.60	397.70	321.88	199.76	1,412.40
1936	Below Normal	77.14	58.65	47.77	45.82	177.05	184.17	88.60	119.32	143.60	387.49	321.69	106.72	1,758.02
1937	Below Normal	148.63	79.14	156.45	47.42	41.11	48.46	85.76	124.24	311.02	356.79	234.47	80.37	1,713.86
1938	Wet	116.63	43.53	48.19	51.36	408.97	575.85	480.73	607.94	396.29	226.50	231.88	330.52	3,518.39
1939	Dry	139.72	83.54	97.07	54.81	50.18	55.42	186.76	174.42	184.18	372.34	249.19	208.68	1,856.31
1940	Above Normal	32.90	29.52	30.17	44.89	29.76	573.37	185.70	112.45	193.59	440.61	340.79	293.18	2,306.93
1941	Wet	112.41	67.61	45.06	49.01	458.96	386.35	157.31	383.31	219.37	338.06	157.35	395.90	2,770.70
1942	Wet	136.32	80.08	255.31	482.17	520.62	90.67	381.59	280.65	320.86	319.65	196.61	379.01	3,443.54
1943	Wet	150.18	76.86	51.70	568.29	225.96	547.96	178.57	123.11	168.73	438.07	334.23	366.08	3,229.74
1944	Dry	136.72	76.71	155.19	56.58	53.31	58.64	109.97	116.34	208.52	336.79	197.06	58.90	1,564.73
1945	Below Normal	42.87	39.17	55.59	40.12	39.99	49.14	95.16	106.39	135.60	374.73	295.58	105.58	1,379.92
1946	Below Normal	116.07	60.08	46.50	50.02	47.63	120.05	111.68	153.03	181.67	417.89	337.84	163.36	1,805.82
1947	Dry	140.69	73.21	46.84	49.76	43.35	50.51	93.94	156.47	182.82	364.99	225.39	192.95	1,620.92
1948	Below Normal	44.02	35.69	34.61	40.93	32.25	24.91	43.14	88.24	129.60	402.97	317.64	85.47	1,279.47
1949	Dry	79.79	49.59	46.85	48.79	44.54	49.56	103.65	112.09	212.79	359.92	204.68	194.46	1,506.71
1950	Below Normal	34.73	24.18	29.68	35.66	18.39	19.47	92.03	116.64	130.91	401.59	321.29	154.53	1,379.10
1951	Above Normal	63.87	48.75	414.53	393.69	330.91	155.21	113.96	132.68	199.37	441.54	336.66	274.66	2,905.83
1952	Wet	119.70	70.82	47.53	50.21	363.73	238.57	580.03	609.34	408.64	179.85	121.03	331.89	3,121.34
1953	Wet	161.54	85.75	218.49	580.34	47.62	212.02	206.94	196.76	289.76	436.68	225.47	356.57	3,017.94
1954	Above Normal	137.80	76.62	180.72	88.24	45.12	225.36	243.68	122.51	265.42	439.49	324.87	290.51	2,440.34
1955	Dry	118.69	45.95	43.83	45.27	43.63	48.91	108.07	113.03	152.96	328.32	149.05	120.58	1,318.29
1956	Wet	35.72	41.19	65.79	573.33	355.44	220.97	185.51	463.57	250.65	357.32	219.24	355.20	3,123.93
1957	Above Normal	135.96	82.14	218.93	50.82	110.13	166.62	105.88	112.42	143.32	442.38	321.31	269.58	2,159.49
1958	Wet	50.24	69.43	47.46	48.96	512.93	399.62	286.00	453.98	326.91	222.85	146.20	367.51	2,932.09
1959	Below Normal	159.79	86.25	217.04	49.31	236.91	73.07	144.21	126.70	230.01	412.08	300.90	149.45	2,185.72
1960	Dry	89.01	65.53	41.87	28.76	26.22	24.92	117.08	121.77	214.89	364.98	238.71	205.70	1,539.44
1961	Dry	28.87	41.88	36.11	28.54	24.40	26.47	89.65	113.08	155.91	340.60	145.28	43.04	1,073.83
1962	Below Normal	35.81	21.47	34.76	22.14	17.02	18.32	87.93	188.35	175.83	384.14	288.85	176.62	1,451.24
1963	Wet	31.11	31.14	32.00	54.95	507.16	281.10	462.04	196.56	184.40	448.86	319.28	357.84	2,906.44
1964	Dry	120.67	58.11	47.63	45.53	44.21	48.82	123.67	110.58	135.31	350.59	172.75	217.26	1,475.13
1965	Wet	55.16	44.72	91.88	575.85	144.29	179.55	319.65	215.70	175.61	428.67	260.40	368.63	2,860.11
1966	Below Normal	141.25	71.11	47.14	47.66	46.44	52.78	108.63	142.21	212.87	409.95	303.36	218.22	1,801.62
1967	Wet	59.84	56.20	41.77	45.72	45.22	382.47	93.29	425.31	387.15	157.68	130.36	393.58	2,218.59
1968	Below Normal	159.61	80.27	143.07	81.65	373.53	223.70	132.35	129.35	226.96	427.93	292.68	205.16	2,476.26
1969	Wet	94.08	43.10	44.40	305.93	379.48	217.27	315.65	556.00	224.38	157.59	159.84	337.99	2,835.71
1970	Wet	138.24	81.96	462.76	576.37	322.23	137.74	119.70	125.14	170.32	407.95	307.71	249.81	3,099.93
1971	Wet	119.21	74.92	64.53	67.84	63.12	219.66	217.07	381.53	287.06	419.65	285.65	365.82	2,566.06
1972	Below Normal	122.15	71.40	47.76	48.50	46.71	69.16	119.65	119.04	191.09	392.38	297.55	205.82	1,731.21
1973	Above Normal	48.90	44.12	45.87	48.87	283.36	203.79	98.93	182.10	234.73	386.33	240.55	215.15	2,032.70
1974	Wet	119.16	48.67	270.28	578.66	174.54	582.37	335.59	304.48	254.41	326.04	113.41	341.36	3,448.97
1975	Wet	137.66	78.27	53.47	55.52	243.87	435.61	88.06	393.09	314.87	383.49	105.14	371.16	2,660.21
1976	Critical	89.91	76.78	153.38	49.53	50.63	56.57	122.73	127.39	133.09	316.60	160.19	181.14	1,517.94
1977	Critical	96.43	27.26	30.73	30.26	27.26	25.33	67.02	49.38	95.29	32.21	31.84	30.86	543.87
1978	Above Normal	24.72	18.91	18.53	35.53	22.86	180.31	208.85	129.87	163.84	371.91	297.29	270.08	1,742.70
1979	Below Normal	148.43	74.31	187.66	35.74	30.48	29.40	82.53	128.37	240.06	380.86	273.26	92.69	1,703.79
1980	Above Normal	82.30	51.90	51.91	315.23	539.41	176.62	98.65	119.81	126.03	280.45	104.43	89.54	2,036.28
1981	Dry	161.10	85.77	114.90	63.91	110.28	235.65	88.27	122.33	242.52	374.44	220.72	228.43	2,048.32
1982	Wet	57.60	31.48	444.85	278.01	529.40	456.83	575.19	384.90	234.07	230.39	118.30	185.56	3,526.58
1983	Wet	166.70	289.86	372.49	428.14	521.91	575.85	322.40	515.71	511.46	211.56	137.14	226.64	4,279.86
1984	Wet	196.78	489.14	580.66	185.68	274.46	309.52	107.84	127.38	220.40	437.63	248.77	325.64	3,503.90
1985	Dry	118.53	45.02	46.45	52.38	45.03	50.27	100.90	188.07	210.11	365.08	166.41	157.46	1,545.71
1986	Wet	120.42	61.96	38.96	39.44	486.52	577.50	88.15	125.08	152.95	389.70	176.81	343.30	2,600.79
1987	Dry	142.52	71.54	167.16	46.89	41.25	45.28	85.27	143.89	171.06	185.22	71.51	61.27	1,232.86
1988	Critical	34.25	23.45	42.04	26.80	31.35	43.65	59.09	78.78	116.69	223.35	59.31	54.00	792.76
1989	Dry	29.13	35.95	17.96	17.44	23.66	17.99	87.49	176.15	224.47	365.11	249.97	170.21	1,415.53
1990	Critical	53.00	64.51	89.52	18.37	17.01	16.89	109.62	67.98	104.80	298.02	52.20	65.45	957.37
1991	Critical	37.04	16.73	30.55	32.66	20.12	33.31	46.63	60.71	135.67	253.45	56.95	58.09	781.91
1992	Critical	28.12	18.45	21.94	19.71	34.92	15.67	60.21	125.21	151.67	93.55	84.97	88.22	742.64
1993	Above Normal	24.22	17.97	15.70	35.52	18.44	283.71	169.40	347.59	244.45	423.71	337.33	318.13	2,236.17
1994	Critical	133.08	69.74	114.26	32.60	27.50	24.91	109.53	97.39	122.12	314.49	100.54	73.31	1,219.47
1995	Wet	53.95	27.01	42.53	28.86	227.25	575.85	479.59	606.44	467.97	188.51	162.25	182.60	3,042.81
1996	Wet	185.27	153.40	136.91	404.86	538.70	341.08	271.46	428.83	193.59	407.64	197.15	362.83	3,621.72
1997	Wet	133.33	78.00	490.60	575.85	311.49	182.18	120.70	120.68	166.11	388.23	206.95	331.35	3,105.47
1998	Wet	129.11	72.13	61.14	46.64	517.88	478.87	139.98	362.41	500.28	203.25	130.73	221.62	2,864.04
1999	Wet	195.45	280.80	202.74	471.55	501.99	379.32	98.35	121.22	147.24	396.91	165.02	234.37	3,194.96
2000	Above Normal	145.01	76.20	204.36	49.90	271.63	315.72	80.64	132.54	226.71	446.30	317.18	280.97	2,547.16
2001	Dry	115.25	68.96	178.02	44.14	39.88	42.88	81.33	139.27	171.75	199.59	74.36	59.88	1,215.31
2002	Dry	62.76	28.57	41.50	27.02	28.25	23.67	102.07	91.31	126.98	318.93	94.32	164.10	1,109.48
2003	Above Normal	58.92	45.49	57.55	44.21	42.73	49.89	68.14	245.67	174.66	448.07	312.19	310.45	1,857.97
	Average	94.87	65.47	109.99	123.00	159.70	175.67	154.13	200.66	209.40	332.30	207.69	207.47	2,040.37
	Wet	111.61	96.85	166.30	274.75	336.94	354.73	262.88	336.05	274.59	328.01	200.00	324.65	3,067.35
	Above Normal	86.59	53.52	119.47	100.13	157.96	229.64	131.67	197.76	213.10	409.38	290.39	268.16	2,257.76
	Below Normal	99.68	57.15	85.08	45.06	87.67	70.44	95.27	127.52	186.32	394.39	300.96	147.11	1,696.67
	Dry	90.20	51.19	76.07	39.79	44.06	52.14	97.53	129.96	187.05	334.17	178.50	142.67	1,423.33
	Critical	68.26	40.54	58.47	32.84	34.93	41.83	94.55	101.61	124.91	189.31	76.66	60.50	924.41

Energy generated (GWh) at Oroville Dam: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	162.24	78.67	106.18	49.63	79.41	158.45	119.22	609.34	325.41	367.33	235.59	341.07	2,632.54
1923	Below Normal	133.70	78.68	123.02	49.89	100.80	54.42	86.34	123.30	128.68	374.43	306.09	130.70	1,690.05
1924	Critical	84.44	73.14	58.79	46.87	44.92	75.75	100.70	120.23	132.17	234.03	69.81	33.95	1,074.80
1925	Dry	20.91	20.23	21.34	36.59	19.41	20.08	63.55	95.22	198.60	343.88	179.66	168.98	1,188.45
1926	Dry	63.59	31.47	45.05	32.54	17.97	44.05	47.93	182.06	243.29	352.50	196.51	89.00	1,345.96
1927	Wet	26.00	39.95	112.37	20.08	76.82	238.14	223.48	228.22	165.78	425.49	342.78	358.04	2,257.15
1928	Above Normal	122.30	71.94	89.13	45.01	121.77	266.81	87.03	126.15	259.80	424.41	316.57	264.58	2,195.50
1929	Critical	112.72	32.26	41.65	52.18	41.95	45.59	114.58	149.30	124.59	88.03	71.81	35.74	910.40
1930	Dry	29.49	19.65	115.02	19.72	101.98	19.41	71.64	105.37	227.51	365.56	181.88	166.34	1,423.57
1931	Critical	54.96	28.08	22.46	21.64	20.38	19.99	139.04	101.55	118.56	192.84	84.05	35.59	839.14
1932	Dry	25.27	19.81	106.47	19.02	35.42	76.03	94.31	76.99	107.75	316.97	197.06	63.52	1,138.62
1933	Critical	66.36	35.88	30.34	27.06	19.42	123.20	93.74	112.79	133.06	135.14	70.12	36.51	883.62
1934	Critical	26.61	20.58	65.17	35.08	83.78	20.87	111.45	128.26	130.67	79.92	77.07	33.16	812.62
1935	Below Normal	28.01	19.80	20.15	36.09	20.22	19.18	55.88	120.21	170.69	398.02	322.23	200.06	1,410.54
1936	Below Normal	77.01	58.56	47.87	45.91	182.73	184.17	88.60	119.32	143.60	387.79	321.67	105.83	1,763.06
1937	Below Normal	148.66	79.15	156.49	47.43	41.10	48.47	85.77	124.26	331.90	355.11	226.27	79.97	1,724.58
1938	Wet	115.99	43.29	48.01	51.20	395.74	575.85	480.73	607.94	396.29	234.75	229.77	369.51	3,549.07
1939	Dry	138.43	82.76	87.33	54.38	49.80	55.03	185.64	170.95	182.61	368.96	245.09	194.85	1,815.83
1940	Above Normal	23.61	29.45	28.87	44.81	29.73	573.17	185.70	112.45	193.58	440.61	340.81	293.20	2,295.99
1941	Wet	112.53	67.60	45.06	49.01	458.76	386.35	157.31	383.31	219.37	338.04	157.35	395.90	2,770.59
1942	Wet	136.32	80.08	255.34	482.17	520.62	90.67	381.59	280.65	320.86	319.58	196.47	394.14	3,458.49
1943	Wet	149.58	76.54	51.52	552.13	225.96	547.96	178.57	123.07	168.77	437.55	334.17	366.03	3,211.85
1944	Dry	136.67	76.75	155.52	56.67	53.39	58.74	109.97	116.34	208.46	336.75	197.36	61.24	1,567.86
1945	Below Normal	42.78	39.10	55.49	40.06	39.95	49.07	95.09	106.32	135.52	374.13	295.27	135.71	1,408.49
1946	Below Normal	114.20	42.96	46.19	49.81	51.91	96.07	111.69	153.02	187.81	417.43	337.36	161.21	1,769.66
1947	Dry	140.55	73.13	46.79	49.69	43.31	50.46	93.88	156.39	182.73	364.71	224.24	190.71	1,616.59
1948	Below Normal	44.02	35.69	34.61	40.93	32.19	24.92	43.14	88.24	129.61	402.98	317.72	85.54	1,279.59
1949	Dry	79.90	49.69	46.84	48.79	44.53	49.56	103.64	112.07	212.79	359.90	205.66	194.32	1,507.69
1950	Below Normal	33.56	24.18	29.68	35.66	18.39	19.47	92.03	116.64	130.91	400.28	321.40	154.58	1,376.78
1951	Above Normal	63.89	48.76	415.90	393.69	330.91	155.21	113.96	132.68	199.39	441.54	336.66	274.65	2,907.24
1952	Wet	119.70	70.82	47.53	50.21	363.73	238.57	580.03	609.34	408.64	179.85	120.55	344.40	3,133.37
1953	Wet	160.46	85.08	207.67	580.34	47.61	212.03	206.94	196.76	289.76	436.63	225.44	356.51	3,005.23
1954	Above Normal	137.84	76.65	180.67	88.25	45.12	225.49	243.68	122.53	265.44	439.51	324.89	290.53	2,440.60
1955	Dry	119.45	45.94	43.82	45.25	43.62	48.88	108.03	112.99	152.89	328.18	148.93	115.80	1,313.78
1956	Wet	35.81	41.30	65.91	573.64	355.44	220.97	185.51	463.57	250.65	357.32	219.24	356.10	3,125.46
1957	Above Normal	135.93	82.12	218.88	50.81	110.10	165.65	105.88	112.42	143.32	442.38	321.31	269.58	2,158.38
1958	Wet	50.24	69.43	47.46	48.96	512.93	399.62	286.00	453.98	326.91	222.90	146.20	367.57	2,932.20
1959	Below Normal	159.78	86.25	217.07	49.30	236.76	73.07	144.19	126.68	230.05	412.16	300.86	148.64	2,184.81
1960	Dry	88.50	64.07	41.38	28.83	26.27	24.96	117.19	121.88	215.06	365.36	240.35	206.02	1,539.87
1961	Dry	31.04	41.88	36.12	28.54	24.40	26.47	89.65	113.07	155.91	340.60	145.27	43.04	1,075.99
1962	Below Normal	35.81	21.47	34.74	22.15	17.02	18.32	87.93	188.34	175.82	384.14	288.84	176.64	1,451.22
1963	Wet	31.11	31.14	32.00	54.93	507.16	281.10	462.04	196.56	184.40	451.12	319.29	359.07	2,909.92
1964	Dry	120.67	57.55	47.64	45.54	44.22	48.83	123.69	110.59	135.34	350.66	172.93	217.31	1,474.97
1965	Wet	55.48	44.72	91.88	575.85	144.29	179.55	319.65	215.70	175.61	428.51	260.46	368.63	2,860.33
1966	Below Normal	141.25	71.10	47.14	47.66	46.44	52.78	108.64	142.26	212.97	409.95	303.34	217.60	1,801.13
1967	Wet	60.46	56.20	41.77	45.72	45.22	382.47	93.29	425.31	387.15	157.68	130.34	394.88	2,220.49
1968	Below Normal	159.55	80.24	148.85	74.45	373.53	223.70	132.33	129.32	225.73	427.98	292.89	205.23	2,473.80
1969	Wet	85.25	43.27	44.58	317.92	379.48	217.27	315.65	556.00	224.38	157.27	157.25	334.94	2,833.26
1970	Wet	144.58	81.96	462.51	576.37	322.23	137.74	119.70	125.14	170.40	407.89	307.71	248.19	3,104.42
1971	Wet	119.32	74.99	64.58	67.87	63.15	221.65	217.07	381.53	287.06	419.64	285.59	365.81	2,568.26
1972	Below Normal	122.08	71.39	47.76	48.51	46.72	69.33	119.65	119.04	191.09	392.38	297.55	205.84	1,731.34
1973	Above Normal	48.90	44.12	45.87	48.87	283.34	203.79	98.93	182.10	234.73	386.32	240.55	215.12	2,032.64
1974	Wet	119.16	48.67	270.32	578.66	174.54	582.37	335.59	304.48	254.41	325.91	113.30	359.02	3,466.43
1975	Wet	136.98	77.86	53.24	55.35	226.13	435.61	88.07	393.08	314.87	383.52	105.18	371.18	2,641.07
1976	Critical	91.19	76.79	153.41	49.51	50.61	56.55	122.69	127.35	133.04	315.25	160.03	181.08	1,517.50
1977	Critical	96.54	26.63	30.73	30.28	27.27	25.34	67.06	49.41	95.34	32.23	31.86	30.88	543.57
1978	Above Normal	24.74	18.92	18.54	35.55	22.87	181.15	208.85	129.80	163.91	372.10	297.47	270.26	1,744.16
1979	Below Normal	148.23	74.18	188.56	35.71	30.46	29.38	82.51	128.31	239.50	380.28	273.17	122.64	1,732.93
1980	Above Normal	118.11	50.48	50.57	238.90	539.41	176.62	98.44	119.58	125.70	235.67	104.75	183.01	2,041.24
1981	Dry	159.08	84.58	110.23	54.07	76.44	235.65	88.29	122.38	242.59	374.51	220.92	227.03	1,995.77
1982	Wet	61.81	31.49	440.63	278.01	529.40	456.83	575.19	384.90	234.07	230.39	118.30	185.56	3,526.58
1983	Wet	166.70	289.86	372.49	428.14	521.91	575.85	322.40	515.71	511.46	211.56	137.14	226.64	4,279.86
1984	Wet	196.78	489.14	580.66	185.68	274.46	309.52	107.84	127.38	220.40	437.63	248.77	325.68	3,503.94
1985	Dry	118.53	45.02	46.45	52.38	45.03	50.27	100.90	188.07	210.10	365.07	166.40	157.46	1,545.68
1986	Wet	120.41	61.94	38.98	39.44	486.52	577.50	88.15	125.08	152.95	389.71	216.77	307.36	2,604.81
1987	Dry	142.24	71.39	167.12	46.78	41.15	45.19	85.12	143.57	170.59	180.42	71.48	61.22	1,226.27
1988	Critical	34.21	23.42	42.03	26.80	31.36	43.65	59.10	78.76	116.69	223.61	59.28	54.00	792.91
1989	Dry	29.13	35.95	17.96	17.44	23.66	17.99	87.49	176.15	224.47	365.11	247.08	170.42	1,412.85
1990	Critical	53.66	64.59	90.62	18.38	17.02	16.90	109.68	68.02	104.86	298.22	52.24	65.51	959.70
1991	Critical	37.07	16.74	30.57	32.71	20.13	33.34	46.66	60.74	135.74	254.71	55.93	58.13	782.47
1992	Critical	28.14	18.46	21.96	19.73	34.95	15.68	60.24	125.27	151.77	93.64	84.96	88.30	743.10
1993	Above Normal	24.25	17.99	15.71	35.54	18.45	285.21	169.40	347.59	244.45	423.68	337.31	318.13	2,237.71
1994	Critical	133.08	69.74	114.30	32.61	27.51	24.91	109.53	97.39	122.13	314.48	100.53	73.31	1,219.52
1995	Wet	53.95	27.03	42.53	28.86	227.25	575.85	479.59	606.44	467.97	188.51	162.25	188.06	3,048.29
1996	Wet	179.74	148.23	132.40	414.98	538.70	341.08	271.46	428.83	193.59	407.60	197.05	362.81	3,616.47
1997	Wet	133.22	77.92	491.01	575.85	311.49	182.18	120.70	120.68	160.77	396.48	206.88	331.86	3,109.04
1998	Wet	128.91	72.02	61.05	46.58	513.99	478.87	139.98	362.41	500.28	203.25	130.73	221.62	2,859.69
1999	Wet	195.45	280.80	202.74	471.55	501.99	379.33	98.35	121.23	147.23	396.92	165.05	229.78	3,190.42
2000	Above Normal	145.18	76.30	204.58	49.96	276.39	315.72	80.63	132.54	226.73	446.28	317.21	281.01	2,552.53
2001	Dry	115.22	68.94	172.63	44.27	39.99	42.99	81.53	139.61	172.21	205.17	74.37	59.89	1,216.82
2002	Dry	62.77	28.57	41.50	27.02	28.24	23.66	102.07	91.30	126.97	318.92	92.26	166.35	1,109.63
2003	Above Normal	58.91	45.29	57.54	44.21	42.73	49.89	68.14	245.67	174.66	448.07	312.19	310.46	1,857.76
	Average	95.01	65.10	109.58	121.93	159.05	175.42	154.12	200.60	209.68	331.66	207.92	209.89	2,039.96
	Wet	111.38	96.59	165.55	274.98	335.60	354.81	262.88	336.05	274.39	328.68	201.31	326.51	3,068.72
	Above Normal	88.83	53.39	119.37	93.77	158.35	229.76	131.66	197.74	213.09	405.66	290.44	275.97	2,258.02
	Below Normal	99.19	55.91	85.54	44.54	88.44	68.74	95.27	127.52	188.13	394.08	300.33	152.16	1,699.86
	Dry	90.08	50.97	74.96	39.31	42.16	52.13	97.47	129.72	187.22	333.51	178.19	141.86	1,417.57
	Critical	68.25	40.53	58.50	32.74	34.94	41.81	94.54	101.59	124.89	188.51	76.47	60.51	923.28

Difference in Energy generated (GWh) at Oroville Dam: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	1.07	(0.02)	(0.01)	(0.02)	(0.02)	(0.55)	(0.31)	14.94	1.26
1924	Critical	(2.18)	(0.85)	(0.80)	(0.24)	(0.23)	(0.14)	(0.33)	(0.48)	(0.59)	(12.31)	(1.04)	0.00	(1.60)
1925	Dry	0.00	0.00	0.02	0.03	0.01	0.01	0.03	0.03	4.17	(0.12)	(1.96)	0.20	0.20
1926	Dry	(0.82)	0.00	0.00	1.40	(0.02)	0.05	(0.03)	(0.95)	0.32	(9.07)	4.83	3.85	(0.04)
1927	Wet	(0.01)	(0.01)	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.20)	0.02	(0.02)
1928	Above Normal	0.01	0.01	0.00	0.00	0.00	0.20	0.00	0.00	0.13	(0.01)	0.11	0.04	0.04
1929	Critical	(0.26)	0.24	(0.01)	(0.25)	0.25	(0.11)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)
1930	Dry	0.00	0.00	(0.02)	(0.01)	(0.01)	0.00	0.00	0.00	0.04	0.02	(0.01)	(1.36)	(0.11)
1931	Critical	0.01	0.00	0.02	0.01	0.01	0.01	0.04	0.07	0.05	1.24	0.01	0.01	0.12
1932	Dry	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)	(1.38)	0.06	(0.11)
1933	Critical	0.31	1.06	0.00	(0.85)	0.01	0.07	0.04	0.06	0.04	0.95	(0.01)	(0.01)	0.14
1934	Critical	(0.02)	(0.01)	0.00	0.00	0.00	(0.09)	(0.01)	(0.04)	(0.01)	0.00	0.01	0.01	(0.01)
1935	Below Normal	(3.37)	0.06	0.06	0.09	0.05	0.04	0.06	0.09	0.09	0.32	0.35	0.30	(0.15)
1936	Below Normal	(0.13)	(0.09)	0.10	0.09	5.68	0.00	0.00	0.00	0.00	0.30	(0.02)	(0.89)	0.42
1937	Below Normal	0.03	0.01	0.04	0.01	(0.01)	0.01	0.01	0.02	20.88	(1.68)	(8.20)	(0.40)	0.89
1938	Wet	(0.64)	(0.24)	(0.18)	(0.16)	(13.23)	0.00	0.00	0.00	0.00	8.25	(2.11)	38.99	2.56
1939	Dry	(1.29)	(0.78)	(9.74)	(0.43)	(0.38)	(0.39)	(1.12)	(3.47)	(1.57)	(3.38)	(4.10)	(13.83)	(3.37)
1940	Above Normal	(9.29)	(0.07)	(1.30)	(0.08)	(0.03)	(0.20)	0.00	0.00	(0.01)	0.00	0.02	0.02	(0.91)
1941	Wet	0.12	(0.01)	0.00	0.00	(0.20)	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	(0.01)
1942	Wet	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.14)	15.13	1.25
1943	Wet	(0.60)	(0.32)	(0.18)	(16.16)	0.00	0.00	0.00	(0.04)	0.04	(0.52)	(0.06)	(0.05)	(1.49)
1944	Dry	(0.05)	0.04	0.33	0.09	0.08	0.10	0.00	0.00	(0.06)	(0.04)	0.30	2.34	0.26
1945	Below Normal	(0.09)	(0.07)	(0.10)	(0.06)	(0.04)	(0.07)	(0.07)	(0.07)	(0.08)	(0.60)	(0.31)	30.13	2.38
1946	Below Normal	(1.87)	(17.12)	(0.31)	(0.21)	4.28	(23.98)	0.01	(0.01)	6.14	(0.46)	(0.48)	(2.15)	(3.01)
1947	Dry	(0.14)	(0.08)	(0.05)	(0.07)	(0.04)	(0.05)	(0.06)	(0.08)	(0.09)	(0.28)	(1.15)	(2.24)	(0.36)
1948	Below Normal	0.00	0.00	0.00	0.00	(0.06)	0.01	0.00	0.00	0.01	0.01	0.08	0.07	0.01
1949	Dry	0.11	0.10	(0.01)	0.00	(0.01)	0.00	(0.01)	(0.02)	0.00	(0.02)	0.98	(0.14)	0.08
1950	Below Normal	(1.17)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.31)	0.11	0.05	(0.19)
1951	Above Normal	0.02	0.01	1.37	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	(0.01)	0.12
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.48)	12.51	1.00
1953	Wet	(1.08)	(0.67)	(10.82)	0.00	(0.01)	0.01	0.00	0.00	0.00	(0.05)	(0.03)	(0.06)	(1.06)
1954	Above Normal	0.04	0.03	(0.05)	0.01	0.00	0.13	0.00	0.02	0.02	0.02	0.02	0.02	0.02
1955	Dry	0.76	(0.01)	(0.01)	(0.02)	(0.01)	(0.03)	(0.04)	(0.04)	(0.07)	(0.14)	(0.12)	(4.78)	(0.38)
1956	Wet	0.09	0.11	0.12	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.13
1957	Above Normal	(0.03)	(0.02)	(0.05)	(0.01)	(0.03)	(0.97)	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.06	0.01
1959	Below Normal	(0.01)	0.00	0.03	(0.01)	(0.15)	0.00	(0.02)	(0.02)	0.04	0.08	(0.04)	(0.81)	(0.08)
1960	Dry	(0.51)	(1.46)	(0.49)	0.07	0.05	0.04	0.11	0.11	0.17	0.38	1.64	0.32	0.04
1961	Dry	2.17	0.00	0.01	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.18
1962	Below Normal	0.00	0.00	(0.02)	0.01	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	0.02	0.00
1963	Wet	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	2.26	0.01	1.23	0.29
1964	Dry	0.00	(0.56)	0.01	0.01	0.01	0.01	0.02	0.01	0.03	0.07	0.18	0.05	(0.01)
1965	Wet	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.16)	0.06	0.00	0.02
1966	Below Normal	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01	0.05	0.10	0.00	(0.02)	(0.62)	(0.04)
1967	Wet	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	1.30	0.16
1968	Below Normal	(0.06)	(0.03)	5.78	(7.20)	0.00	0.00	(0.02)	(0.03)	(1.23)	0.05	0.21	0.07	(0.21)
1969	Wet	(8.83)	0.17	0.18	11.99	0.00	0.00	0.00	0.00	0.00	(0.32)	(2.59)	(3.05)	(0.20)
1970	Wet	6.34	0.00	(0.25)	0.00	0.00	0.00	0.00	0.00	0.08	(0.06)	0.00	(1.62)	0.37
1971	Wet	0.11	0.07	0.05	0.03	0.03	1.99	0.00	0.00	0.00	(0.01)	(0.06)	(0.01)	0.18
1972	Below Normal	(0.07)	(0.01)	0.00	0.01	0.01	0.17	0.00	0.00	0.00	0.00	0.00	0.02	0.01
1973	Above Normal	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.03)	(0.01)
1974	Wet	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	(0.13)	(0.11)	17.66	1.46
1975	Wet	(0.68)	(0.41)	(0.23)	(0.17)	(17.74)	0.00	0.01	(0.01)	0.00	0.03	0.04	0.02	(1.60)
1976	Critical	1.28	0.01	0.03	(0.02)	(0.02)	(0.02)	(0.04)	(0.04)	(0.05)	(1.35)	(0.16)	(0.06)	(0.04)
1977	Critical	0.11	(0.63)	0.00	0.02	0.01	0.01	0.04	0.03	0.05	0.02	0.02	0.02	(0.03)
1978	Above Normal	0.02	0.01	0.01	0.02	0.01	0.84	0.00	(0.07)	0.07	0.19	0.18	0.18	0.12
1979	Below Normal	(0.20)	(0.13)	0.90	(0.03)	(0.02)	(0.02)	(0.02)	(0.06)	(0.56)	(0.58)	(0.09)	29.95	2.43
1980	Above Normal	35.81	(1.42)	(1.34)	(76.33)	0.00	0.00	(0.21)	(0.23)	(0.33)	(44.78)	0.32	93.47	0.41
1981	Dry	(2.02)	(1.19)	(4.67)	(9.84)	(33.84)	0.00	0.02	0.05	0.07	0.07	0.20	(1.40)	(4.38)
1982	Wet	4.21	0.01	(4.22)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00
1986	Wet	(0.01)	(0.02)	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	39.96	(35.94)	0.33
1987	Dry	(0.28)	(0.15)	(0.04)	(0.11)	(0.10)	(0.09)	(0.15)	(0.32)	(0.47)	(4.80)	(0.03)	(0.05)	(0.55)
1988	Critical	(0.04)	(0.03)	(0.01)	0.00	0.01	0.00	0.01	(0.02)	0.00	0.26	(0.03)	0.00	0.01
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(2.89)	0.21	(0.22)
1990	Critical	0.66	0.08	1.10	0.01	0.01	0.01	0.06	0.04	0.06	0.20	0.04	0.06	0.19
1991	Critical	0.03	0.01	0.02	0.05	0.01	0.03	0.03	0.03	0.07	1.26	(1.02)	0.04	0.05
1992	Critical	0.02	0.01	0.02	0.02	0.03	0.01	0.03	0.06	0.10	0.09	(0.01)	0.08	0.04
1993	Above Normal	0.03	0.02	0.01	0.02	0.01	1.50	0.00	0.00	0.00	(0.03)	(0.02)	0.00	0.13
1994	Critical	0.00	0.00	0.04	0.01	0.01	0.00	0.00	0.00	0.01	(0.01)	(0.01)	0.00	0.00
1995	Wet	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.46	0.46
1996	Wet	(5.53)	(5.17)	(4.51)	10.12	0.00	0.00	0.00	0.00	0.00	(0.04)	(0.10)	(0.02)	(0.44)
1997	Wet	(0.11)	(0.08)	0.41	0.00	0.00	0.00	0.00	0.00	(5.34)	8.25	(0.07)	0.51	0.30
1998	Wet	(0.20)	(0.11)	(0.09)	(0.06)	(3.89)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.36)
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	(0.01)	0.01	0.03	(4.59)	(0.38)
2000	Above Normal	0.17	0.10	0.22	0.06	4.76	0.00	(0.01)	0.00	0.02	(0.02)	0.03	0.04	0.45
2001	Dry	(0.03)	(0.02)	(5.39)	0.13	0.11	0.11	0.20	0.34	0.46	5.58	0.01	0.01	0.13
2002	Dry	0.01	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	(0.01)	(0.01)	(2.06)	2.25	0.01
2003	Above Normal	(0.01)	(0.20)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.02)
	Average	0.14	(0.36)	(0.41)	(1.07)	(0.65)	(0.25)	(0.02)	(0.06)	0.28	(0.65)	0.22	2.42	(0.03)
	Wet	(0.23)	(0.26)	(0.76)	0.23	(1.35)	0.08	0.00	(0.00)	(0.20)	0.67	1.31	1.87	0.11
	Above Normal	2.23	(0.13)	(0.10)	(6.36)	0.39	0.12	(0.02)	(0.02)	(0.01)	(3.72)	0.05	7.81	0.02
	Below Normal	(0.50)	(1.24)	0.46	(0.52)	0.77	(1.70)	(0.00)	(0.00)	1.81	(0.32)	(0.62)	5.05	0.27
	Dry	(0.12)	(0.23)	(1.11)	(0.49)	(1.90)	(0.01)	(0.06)	(0.24)	0.17	(0.65)	(0.31)	(0.81)	(0.48)
	Critical	(0.01)	(0.01)	0.03	(0.10)	0.01	(0.02)	(0.01)	(0.03)	(0.02)	(0.80)	(0.18)	0.01	(0.10)

Percent Difference in Energy generated (GWh) at Oroville Dam: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	13%
1924	Critical	-3%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	-5%	-1%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	-1%	0%
1926	Dry	-1%	0%	0%	4%	0%	0%	0%	-1%	0%	-3%	3%	5%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1933	Critical	0%	3%	0%	-3%	0%	0%	0%	0%	0%	1%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	-11%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	3%	0%	0%	0%	0%	0%	0%	-1%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	7%	0%	-3%	0%
1938	Wet	-1%	-1%	0%	0%	-3%	0%	0%	0%	0%	4%	-1%	12%
1939	Dry	-1%	-1%	-10%	-1%	-1%	-1%	-1%	-2%	-1%	-1%	-2%	-7%
1940	Above Normal	-28%	0%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%
1943	Wet	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	29%
1946	Below Normal	-2%	-28%	-1%	0%	9%	-20%	0%	0%	3%	0%	0%	-1%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%
1953	Wet	-1%	-1%	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-4%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1960	Dry	-1%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1961	Dry	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1964	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	4%	-9%	0%	0%	0%	0%	-1%	0%	0%	0%
1969	Wet	-9%	0%	0%	4%	0%	0%	0%	0%	0%	0%	-2%	-1%
1970	Wet	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1971	Wet	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%
1975	Wet	0%	-1%	0%	0%	-7%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	32%
1980	Above Normal	44%	-3%	-3%	-24%	0%	0%	0%	0%	0%	-16%	0%	104%
1981	Dry	-1%	-1%	-4%	-15%	-31%	0%	0%	0%	0%	0%	0%	-1%
1982	Wet	7%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	23%	-10%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1990	Critical	1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1996	Wet	-3%	-3%	-3%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-3%	2%	0%	0%
1998	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
2000	Above Normal	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-3%	0%	0%	0%	0%	0%	0%	3%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	2%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%
	Above Normal	1%	0%	-1%	-2%	0%	0%	0%	0%	0%	-1%	0%	9%
	Below Normal	-1%	-2%	0%	-1%	1%	-1%	0%	0%	1%	0%	0%	5%
	Dry	0%	0%	-1%	-1%	-2%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Energy generated (GWh) at SWP San Luis: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	6.00	0.00	0.00	0.00	0.00	44.96	46.73	0.00	0.00	0.00	0.00	97.69
1923	Below Normal	0.00	5.17	0.00	12.80	9.53	21.95	32.91	40.40	30.75	0.00	0.00	0.00	153.51
1924	Critical	0.00	0.00	0.00	0.00	0.00	18.31	22.34	20.98	29.41	0.00	24.72	10.35	126.11
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	30.41	47.26	38.66	0.00	20.03	0.00	136.36
1926	Dry	0.00	0.00	0.00	0.00	0.00	20.75	16.57	34.30	21.53	0.00	10.38	0.00	103.53
1927	Wet	6.71	0.00	0.00	0.00	0.00	0.00	53.25	55.88	33.06	0.00	0.00	0.00	148.90
1928	Above Normal	1.14	9.00	0.00	4.46	25.83	0.00	50.43	50.93	26.69	0.00	0.00	0.00	168.48
1929	Critical	0.00	16.01	0.00	1.29	2.64	0.00	1.68	12.39	26.44	28.40	20.35	6.87	116.07
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	17.54	27.07	30.74	0.00	6.76	0.00	82.11
1931	Critical	0.00	0.00	0.00	0.00	0.00	4.81	27.25	32.10	37.24	0.00	26.03	10.39	137.82
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	38.41	39.94	55.12	0.00	0.00	5.56	139.03
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	26.36	37.12	56.10	31.36	31.18	14.00	196.12
1934	Critical	2.69	0.00	0.00	0.00	0.00	0.00	30.32	29.00	43.95	28.68	10.52	0.00	145.16
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	37.14	45.73	21.57	0.00	0.00	0.00	104.44
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	47.70	64.56	46.42	0.00	0.00	0.00	158.68
1937	Below Normal	0.00	6.31	0.00	0.00	0.00	0.00	48.36	51.10	22.93	0.00	13.91	17.51	160.12
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	15.79	0.00	0.00	0.00	0.00	0.00	15.79
1939	Dry	4.30	41.98	0.00	17.25	30.91	49.41	46.57	37.53	35.52	0.00	0.48	0.00	263.95
1940	Above Normal	7.62	6.75	0.00	0.00	0.00	0.00	29.08	37.21	25.40	0.00	0.00	0.00	106.06
1941	Wet	0.00	8.90	0.00	0.00	0.00	0.00	34.95	38.07	17.86	0.00	0.00	0.00	99.78
1942	Wet	9.46	30.52	0.00	0.00	0.00	1.75	53.63	46.98	20.94	0.00	0.00	0.00	163.28
1943	Wet	3.18	22.17	0.00	0.00	0.00	0.00	53.43	54.95	37.11	0.00	0.00	0.00	170.84
1944	Dry	9.93	28.35	0.00	0.00	0.00	0.00	21.43	23.72	23.59	0.00	0.00	1.99	109.01
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	49.61	59.00	45.56	0.00	0.00	0.00	154.17
1946	Below Normal	0.00	0.00	0.00	0.12	7.67	2.63	51.63	54.80	41.22	0.00	0.00	0.00	158.07
1947	Dry	0.00	0.00	0.00	14.70	7.65	19.49	43.07	48.80	44.47	0.00	4.90	0.00	183.08
1948	Below Normal	0.00	0.00	0.58	2.66	17.10	0.00	11.35	23.25	0.00	0.00	0.00	0.00	54.94
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	49.18	50.97	32.77	0.00	6.72	0.00	139.64
1950	Below Normal	10.42	6.62	1.89	0.00	0.00	0.00	27.37	34.55	1.59	0.00	0.00	0.00	82.44
1951	Above Normal	0.00	0.00	0.00	0.12	0.00	0.00	46.30	58.24	38.06	0.00	0.00	0.00	142.72
1952	Wet	1.82	0.00	0.00	0.00	12.16	0.00	23.04	23.23	0.00	0.00	0.00	0.00	60.25
1953	Wet	2.71	32.84	0.00	22.32	15.24	20.24	52.16	41.71	36.09	0.00	0.00	0.00	223.31
1954	Above Normal	5.19	16.30	0.00	11.18	9.11	0.00	36.37	35.26	28.09	0.00	0.00	0.00	141.50
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	32.20	42.11	47.71	0.00	20.46	0.00	142.48
1956	Wet	1.40	0.00	0.00	0.00	0.00	0.00	54.15	61.03	27.00	0.00	0.00	0.00	143.58
1957	Above Normal	5.14	22.64	0.00	12.90	29.71	17.13	16.50	21.70	0.00	0.00	0.00	0.00	125.72
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	33.04	52.56	16.84	0.00	0.00	0.00	102.44
1959	Below Normal	1.48	34.29	0.00	30.51	19.31	8.08	26.71	27.71	20.04	0.00	0.00	0.00	168.13
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	43.54	32.00	31.88	0.00	0.03	0.00	107.45
1961	Dry	10.40	0.00	0.00	0.00	0.00	0.00	33.34	36.73	49.15	0.00	6.47	0.00	136.09
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	26.71	27.86	7.96	0.00	0.00	0.00	62.53
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	48.73	50.94	34.57	0.00	0.00	0.00	134.24
1964	Dry	0.00	0.00	0.00	0.12	0.00	4.18	53.32	52.70	46.48	0.00	18.14	0.00	174.94
1965	Wet	3.22	0.00	0.00	0.00	0.00	0.00	38.23	39.73	23.85	0.00	0.00	0.00	105.03
1966	Below Normal	9.61	0.00	0.00	1.27	8.85	5.44	37.92	40.37	36.86	0.00	0.00	0.00	140.32
1967	Wet	0.12	0.00	0.00	0.00	0.00	0.00	35.20	35.16	0.00	0.00	0.00	0.00	70.48
1968	Below Normal	0.00	38.26	0.00	17.12	37.74	17.97	39.84	36.93	37.68	0.00	0.00	0.00	225.54
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	6.48	0.00	0.00	0.00	0.00	0.00	6.48
1970	Wet	0.00	39.91	0.00	0.00	0.00	0.00	51.78	57.73	45.80	0.00	0.00	6.18	201.40
1971	Wet	4.01	0.00	0.00	13.84	16.19	0.00	29.49	30.82	24.95	0.00	0.00	0.00	119.30
1972	Below Normal	0.00	19.54	0.00	0.00	3.98	7.72	31.40	39.90	39.47	0.00	0.00	0.00	142.01
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	48.43	58.81	37.74	0.00	0.00	0.00	144.98
1974	Wet	0.00	0.00	0.00	0.53	15.47	0.00	56.65	62.10	32.39	0.00	0.00	0.00	167.14
1975	Wet	0.00	26.82	0.00	13.74	18.27	0.00	46.41	41.35	19.75	0.00	0.00	0.00	166.34
1976	Critical	0.00	23.65	0.00	11.73	26.37	0.00	28.86	38.93	30.55	0.00	2.87	0.00	162.96
1977	Critical	0.00	8.84	8.64	0.00	3.15	7.79	6.06	0.00	0.00	0.00	0.00	0.00	34.48
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	18.88	14.45	0.00	0.00	0.00	0.00	33.33
1979	Below Normal	0.00	13.75	0.00	0.00	0.00	0.00	45.93	51.08	47.16	0.00	0.00	2.57	160.49
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	35.24	48.06	18.21	0.00	3.92	29.23	134.66
1981	Dry	0.00	27.94	0.00	11.56	16.01	4.17	25.04	27.38	13.28	0.00	0.94	0.00	126.32
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.05	24.85	0.00	0.00	0.00	67.90
1983	Wet	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13
1984	Wet	0.00	0.00	0.00	0.12	0.00	0.00	46.00	58.80	45.08	0.00	0.00	0.00	150.00
1985	Dry	0.00	0.00	0.00	8.97	12.29	16.34	43.65	47.60	34.35	0.00	15.50	0.00	178.70
1986	Wet	0.00	0.00	0.00	21.05	0.00	0.00	42.01	54.48	25.50	0.00	27.00	0.00	170.04
1987	Dry	0.00	28.24	0.00	13.42	14.56	1.19	24.05	12.56	25.33	0.00	17.07	0.00	136.42
1988	Critical	3.88	0.03	0.00	0.00	4.36	0.00	5.71	7.06	20.79	0.00	16.42	1.87	60.12
1989	Dry	2.77	0.00	0.00	0.00	0.00	0.00	29.67	33.32	24.99	0.00	0.24	0.00	90.99
1990	Critical	0.00	2.13	0.00	0.00	0.00	3.34	18.78	13.12	28.80	0.00	19.99	0.94	87.10
1991	Critical	4.06	1.63	0.00	1.89	0.00	0.00	6.54	9.73	0.00	0.00	14.07	3.61	41.53
1992	Critical	0.09	0.21	0.00	0.00	0.00	0.00	9.78	11.12	6.45	1.32	0.00	0.00	28.97
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	34.75	38.21	5.68	0.00	0.00	0.00	78.64
1994	Critical	0.00	23.85	0.00	0.00	0.00	0.00	26.81	28.23	39.21	0.00	2.34	0.00	120.44
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	39.36	0.00	0.00	0.00	0.00	0.00	39.36
1996	Wet	17.64	20.99	0.00	15.52	0.00	0.00	48.21	46.85	20.36	0.00	0.00	0.00	169.57
1997	Wet	18.38	23.87	0.00	0.00	0.00	0.00	54.19	57.92	36.87	0.00	0.00	0.00	191.23
1998	Wet	6.09	23.23	0.00	14.86	0.00	0.00	35.62	41.69	0.00	0.00	0.00	0.00	121.49
1999	Wet	0.00	0.00	0.00	6.54	0.00	0.00	50.38	55.49	33.12	0.00	0.00	8.49	154.02
2000	Above Normal	11.88	28.65	0.00	20.78	0.00	0.00	40.74	45.31	34.64	0.00	0.00	0.00	182.00
2001	Dry	3.59	19.63	0.00	0.00	0.00	0.00	19.20	28.43	23.03	0.00	26.77	0.00	120.65
2002	Dry	8.21	0.00	0.00	0.00	0.00	0.00	50.61	47.97	44.01	0.00	26.95	0.00	177.75
2003	Above Normal	23.11	4.39	0.00	0.00	0.00	0.00	26.76	24.01	1.32	0.00	0.00	0.00	79.59
	Average	2.44	8.16	0.14	3.70	4.44	3.08	33.82	37.03	25.76	1.09	4.82	1.46	125.96
	Wet	2.87	8.82	0.00	4.18	2.97	0.85	38.55	40.40	21.38	0.00	1.04	0.56	121.63
	Above Normal	4.51	7.81	0.00	4.12	5.39	1.43	35.70	39.91	17.99	0.00	0.33	2.44	119.61
	Below Normal	1.54	8.85	0.18	4.61	7.44	4.56	36.76	42.66	28.52	0.00	0.99	1.43	137.53
	Dry	2.18	8.12	0.00	3.67	4.52	6.42	34.32	37.24	34.59	0.00	10.10	0.42	141.58
	Critical	0.89	6.36	0.72	1.24	3.04	2.85	17.54	19.98	26.58	7.48	14.04	4.00	104.74

Energy generated (GWh) at SWP San Luis: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	6.00	0.00	0.00	0.00	0.00	44.90	45.85	0.00	0.00	0.00	0.00	96.75
1923	Below Normal	0.00	5.10	0.00	13.54	9.20	21.73	32.75	40.12	32.17	0.00	0.00	0.00	154.61
1924	Critical	0.00	0.00	0.00	0.00	0.00	17.45	21.04	19.30	25.63	0.00	22.27	9.08	114.77
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	30.06	46.37	35.99	0.00	20.67	0.00	133.09
1926	Dry	0.00	0.00	0.00	0.00	0.00	20.76	16.52	34.59	21.11	0.00	11.69	0.00	104.67
1927	Wet	6.65	0.00	0.00	0.00	0.00	0.00	53.19	55.73	32.75	0.00	0.00	0.00	148.32
1928	Above Normal	1.18	9.04	0.00	4.52	25.87	0.00	50.39	50.93	26.68	0.00	0.00	0.00	168.61
1929	Critical	0.00	15.98	0.00	1.15	2.51	0.00	1.69	12.35	26.44	28.40	20.35	6.90	115.77
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	17.54	27.06	30.69	0.00	6.79	0.00	82.08
1931	Critical	0.00	0.00	0.00	0.00	0.00	4.83	27.24	32.06	37.08	0.00	25.91	10.30	137.42
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	38.44	39.96	55.07	0.00	0.00	5.58	139.05
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	26.11	36.80	55.68	30.45	30.81	13.80	193.65
1934	Critical	2.48	0.00	0.00	0.00	0.00	0.00	30.51	29.24	44.29	29.00	10.88	0.00	146.40
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	36.88	45.44	20.65	0.00	0.00	0.00	102.97
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	47.61	63.77	44.68	0.00	0.00	0.00	156.06
1937	Below Normal	0.00	6.05	0.00	0.00	0.00	0.00	51.08	55.55	14.48	0.00	15.22	15.25	157.63
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	19.48	28.67	0.00	0.00	0.00	0.00	48.15
1939	Dry	1.62	39.82	0.00	16.14	29.29	45.58	41.04	35.76	34.94	0.00	0.02	0.00	244.21
1940	Above Normal	9.93	4.11	0.00	0.00	0.00	0.00	29.61	37.65	24.96	0.00	0.00	0.00	106.26
1941	Wet	0.00	8.84	0.00	0.00	0.00	0.00	34.83	39.37	18.11	0.00	0.00	0.00	101.15
1942	Wet	9.02	30.34	0.00	0.00	0.00	1.60	52.77	45.89	19.81	0.00	0.00	0.00	159.43
1943	Wet	3.16	22.49	0.00	0.00	0.00	0.00	53.26	52.16	35.22	0.00	0.00	0.00	166.29
1944	Dry	8.35	25.13	0.00	0.00	0.00	0.00	21.26	23.53	23.50	0.00	0.00	1.89	103.66
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	49.41	58.63	44.95	0.00	0.00	0.00	152.99
1946	Below Normal	0.00	0.00	0.00	0.12	5.08	2.83	51.76	54.89	41.22	0.00	0.00	0.00	155.90
1947	Dry	0.00	0.00	0.00	15.03	7.72	19.42	42.93	48.86	44.57	0.00	4.77	0.00	183.30
1948	Below Normal	0.00	0.00	0.46	2.11	16.62	0.00	11.39	23.73	0.00	0.00	0.00	0.00	54.31
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	49.14	50.98	32.76	0.00	6.70	0.00	139.58
1950	Below Normal	10.67	6.54	1.85	0.00	0.00	0.00	27.35	34.53	1.57	0.00	0.00	0.00	82.51
1951	Above Normal	0.00	0.00	0.00	0.12	0.00	0.00	46.30	58.24	38.06	0.00	0.00	0.00	142.72
1952	Wet	1.81	0.00	0.00	0.00	11.99	0.00	25.17	26.06	0.00	0.00	0.00	0.00	65.03
1953	Wet	1.36	30.13	0.00	27.90	14.20	15.21	43.90	41.79	36.33	0.00	0.00	0.00	210.82
1954	Above Normal	5.13	18.22	0.00	13.59	11.33	0.00	37.05	36.69	29.59	0.00	0.00	0.00	151.60
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	31.83	41.65	47.24	0.00	20.18	0.00	140.90
1956	Wet	1.19	0.00	0.00	0.00	0.00	0.00	54.19	61.07	27.02	0.00	0.00	0.00	143.47
1957	Above Normal	5.16	22.69	0.00	12.90	29.71	17.13	16.53	21.79	0.00	0.00	0.00	0.00	125.91
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	35.86	56.36	19.61	0.00	0.00	0.00	111.83
1959	Below Normal	1.40	32.46	0.00	29.89	18.83	8.24	25.13	24.81	15.25	0.00	0.00	0.00	156.01
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	43.88	32.30	32.92	0.00	0.06	0.00	109.16
1961	Dry	9.95	0.00	0.00	0.00	0.00	0.00	33.49	36.94	49.39	0.00	6.67	0.00	136.44
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	26.71	27.87	7.96	0.00	0.00	0.00	62.54
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	48.64	50.80	34.40	0.00	0.00	0.00	133.84
1964	Dry	0.00	0.00	0.00	0.12	0.00	4.30	53.31	52.71	46.53	0.00	18.10	0.00	175.07
1965	Wet	3.09	0.00	0.00	0.00	0.05	0.00	37.49	38.32	22.83	0.00	0.00	0.00	101.78
1966	Below Normal	9.66	0.00	0.00	0.98	8.57	5.31	37.89	40.00	36.54	0.00	0.00	0.00	138.95
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	37.66	38.55	0.00	0.00	0.00	0.00	76.21
1968	Below Normal	0.00	35.49	0.00	16.77	37.08	17.69	38.47	35.56	36.76	0.00	0.00	0.00	217.82
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	14.76	0.00	0.00	0.00	0.00	0.00	14.76
1970	Wet	0.00	39.73	0.00	0.00	0.00	0.00	51.08	57.90	45.98	0.00	0.00	6.86	201.55
1971	Wet	4.05	0.00	0.00	13.78	16.12	0.00	29.32	30.53	24.40	0.00	0.00	0.00	118.20
1972	Below Normal	0.00	19.55	0.00	0.00	4.03	7.73	31.41	39.91	39.48	0.00	0.00	0.00	142.11
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	48.34	58.17	35.84	0.00	0.00	0.00	142.35
1974	Wet	0.00	0.00	0.00	3.73	15.16	0.00	57.27	58.68	28.47	0.00	0.00	0.00	163.31
1975	Wet	0.00	26.54	0.00	12.79	17.91	0.00	47.61	42.99	20.73	0.00	0.00	0.00	168.57
1976	Critical	0.00	24.12	0.00	12.26	26.75	0.00	28.53	38.52	30.24	0.00	2.88	0.00	163.30
1977	Critical	0.00	8.63	8.43	0.00	3.15	7.83	6.77	0.00	0.00	0.00	0.00	0.00	34.81
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	21.55	17.49	6.59	0.00	0.00	0.00	45.63
1979	Below Normal	0.00	9.73	0.00	0.00	0.00	0.00	53.59	50.53	43.83	0.00	0.00	0.00	157.68
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	32.80	45.64	16.99	0.00	14.86	9.01	119.30
1981	Dry	0.00	21.78	0.00	12.65	16.43	15.24	26.16	28.95	17.78	0.00	0.75	0.00	139.74
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.23	32.51	0.00	0.00	0.00	81.74
1983	Wet	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13
1984	Wet	0.00	0.00	0.00	0.12	0.00	0.00	46.00	58.80	45.08	0.00	0.00	0.00	150.00
1985	Dry	0.00	0.00	0.00	8.96	12.29	16.34	43.65	47.60	34.35	0.00	15.51	0.00	178.70
1986	Wet	0.00	0.00	0.00	21.05	0.00	0.00	46.98	58.15	26.34	0.00	10.53	0.00	163.05
1987	Dry	0.62	27.18	0.00	13.12	14.25	1.18	22.63	11.17	23.57	0.00	15.47	0.00	129.19
1988	Critical	3.48	0.00	0.00	0.00	4.22	0.00	5.70	7.06	20.81	0.00	16.44	1.87	59.58
1989	Dry	2.79	0.00	0.00	0.00	0.00	0.00	29.69	33.43	24.95	0.00	0.26	0.00	91.12
1990	Critical	0.00	2.32	0.00	0.00	0.00	3.34	18.75	13.08	28.74	0.00	19.95	0.94	87.12
1991	Critical	4.04	1.62	0.00	1.89	0.00	0.00	6.53	9.44	0.00	0.00	14.25	3.60	41.37
1992	Critical	0.08	0.12	0.00	0.00	0.00	0.00	9.76	11.09	6.38	1.21	0.00	0.00	28.64
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	34.54	38.08	5.40	0.00	0.00	0.00	78.02
1994	Critical	0.00	23.84	0.00	0.00	0.00	0.00	26.79	28.26	39.29	0.00	2.34	0.00	120.52
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	41.20	29.21	7.36	0.00	0.00	0.00	77.77
1996	Wet	17.35	21.34	0.00	0.00	0.00	0.00	44.74	42.77	25.92	0.00	0.00	0.00	152.12
1997	Wet	17.71	23.55	0.00	0.00	0.00	0.00	54.45	58.50	37.51	0.00	0.00	0.00	191.72
1998	Wet	7.64	23.38	0.00	15.10	0.00	0.00	37.50	40.75	0.00	0.00	0.00	0.00	124.37
1999	Wet	0.00	0.00	0.00	4.60	0.00	0.00	48.15	55.98	33.67	0.00	0.00	9.73	152.13
2000	Above Normal	11.91	28.61	0.00	20.85	0.00	0.00	40.22	44.86	34.49	0.00	0.00	0.00	180.94
2001	Dry	3.33	19.12	0.00	0.00	0.00	0.00	19.43	28.68	23.20	0.00	27.10	0.00	120.86
2002	Dry	8.26	0.00	0.00	0.00	0.00	0.00	50.32	47.63	43.71	0.00	27.12	0.00	177.04
2003	Above Normal	23.17	5.02	0.00	0.00	0.00	0.00	26.73	23.95	1.32	0.00	0.00	0.00	80.19
	Average	2.39	7.86	0.13	3.61	4.37	3.09	33.98	37.78	25.74	1.09	4.74	1.16	125.94
	Wet	2.81	8.71	0.00	3.82	2.90	0.65	39.06	43.01	22.08	0.00	0.41	0.64	124.07
	Above Normal	4.71	7.81	0.00	4.33	5.58	1.43	35.75	39.95	18.33	0.00	1.24	0.75	119.86
	Below Normal	1.55	8.21	0.17	4.53	7.10	4.54	37.25	42.52	27.11	0.00	1.09	1.09	135.15
	Dry	1.94	7.39	0.00	3.67	4.44	6.82	33.96	37.12	34.57	0.00	10.10	0.42	140.44
	Critical	0.84	6.39	0.70	1.28	3.05	2.79	17.45	19.77	26.22	7.42	13.84	3.87	103.61

Difference in Energy generated (GWh) at SWP San Luis: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	(0.88)	0.00	0.00	0.00	0.00	(0.08)
1923	Below Normal	0.00	(0.07)	0.00	0.74	(0.33)	(0.22)	(0.16)	(0.28)	1.42	0.00	0.00	0.00	0.09
1924	Critical	0.00	0.00	0.00	0.00	0.00	(0.86)	(1.30)	(1.68)	(3.78)	0.00	(2.45)	(1.27)	(0.95)
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.35)	(0.89)	(2.67)	0.00	0.64	0.00	(0.27)
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.01	(0.05)	0.29	(0.42)	0.00	1.31	0.00	0.10
1927	Wet	(0.06)	0.00	0.00	0.00	0.00	0.00	(0.06)	(0.15)	(0.31)	0.00	0.00	0.00	(0.05)
1928	Above Normal	0.04	0.04	0.00	0.06	0.04	0.00	(0.04)	0.00	(0.01)	0.00	0.00	0.00	0.01
1929	Critical	0.00	(0.03)	0.00	(0.14)	(0.13)	0.00	0.01	(0.04)	0.00	0.00	0.00	0.03	(0.03)
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.05)	0.00	0.03	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.02	(0.01)	(0.04)	(0.16)	0.00	(0.12)	(0.09)	(0.03)
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.02	(0.05)	0.00	0.00	0.02	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.25)	(0.32)	(0.42)	(0.91)	(0.37)	(0.20)	(0.21)
1934	Critical	(0.21)	0.00	0.00	0.00	0.00	0.00	0.19	0.24	0.34	0.32	0.36	0.00	0.10
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.26)	(0.29)	(0.92)	0.00	0.00	0.00	(0.12)
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.79)	(1.74)	0.00	0.00	0.00	(0.22)
1937	Below Normal	0.00	(0.26)	0.00	0.00	0.00	0.00	2.72	4.45	(8.45)	0.00	1.31	(2.26)	(0.21)
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	3.69	28.67	0.00	0.00	0.00	0.00	2.70
1939	Dry	(2.68)	(2.16)	0.00	(1.11)	(1.62)	(3.83)	(5.53)	(1.77)	(0.58)	0.00	(0.46)	0.00	(1.65)
1940	Above Normal	2.31	(2.64)	0.00	0.00	0.00	0.00	0.53	0.44	(0.44)	0.00	0.00	0.00	0.02
1941	Wet	0.00	(0.06)	0.00	0.00	0.00	0.00	(0.12)	1.30	0.25	0.00	0.00	0.00	0.11
1942	Wet	(0.44)	(0.18)	0.00	0.00	0.00	(0.15)	(0.86)	(1.09)	(1.13)	0.00	0.00	0.00	(0.32)
1943	Wet	(0.02)	0.32	0.00	0.00	0.00	0.00	(0.17)	(2.79)	(1.89)	0.00	0.00	0.00	(0.38)
1944	Dry	(1.58)	(3.22)	0.00	0.00	0.00	0.00	(0.17)	(0.19)	(0.09)	0.00	0.00	(0.10)	(0.45)
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.20)	(0.37)	(0.61)	0.00	0.00	0.00	(0.10)
1946	Below Normal	0.00	0.00	0.00	0.00	(2.59)	0.20	0.13	0.09	0.00	0.00	0.00	0.00	(0.18)
1947	Dry	0.00	0.00	0.00	0.33	0.07	(0.07)	(0.14)	0.06	0.10	0.00	(0.13)	0.00	0.02
1948	Below Normal	0.00	0.00	(0.12)	(0.55)	(0.48)	0.00	0.04	0.48	0.00	0.00	0.00	0.00	(0.05)
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	0.01	(0.01)	0.00	(0.02)	0.00	(0.01)
1950	Below Normal	0.25	(0.08)	(0.04)	0.00	0.00	0.00	(0.02)	(0.02)	(0.02)	0.00	0.00	0.00	0.01
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	(0.01)	0.00	0.00	0.00	(0.17)	0.00	2.13	2.83	0.00	0.00	0.00	0.00	0.40
1953	Wet	(1.35)	(2.71)	0.00	5.58	(1.04)	(5.03)	(8.26)	0.08	0.24	0.00	0.00	0.00	(1.04)
1954	Above Normal	(0.06)	1.92	0.00	2.41	2.22	0.00	0.68	1.43	1.50	0.00	0.00	0.00	0.84
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.37)	(0.46)	(0.47)	0.00	(0.28)	0.00	(0.13)
1956	Wet	(0.21)	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.02	0.00	0.00	0.00	(0.01)
1957	Above Normal	0.02	0.05	0.00	0.00	0.00	0.00	0.03	0.09	0.00	0.00	0.00	0.00	0.02
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	2.82	3.80	2.77	0.00	0.00	0.00	0.78
1959	Below Normal	(0.08)	(1.83)	0.00	(0.62)	(0.48)	0.16	(1.58)	(2.90)	(4.79)	0.00	0.00	0.00	(1.01)
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.30	1.04	0.00	0.03	0.00	0.14
1961	Dry	(0.45)	0.00	0.00	0.00	0.00	0.00	0.15	0.21	0.24	0.00	0.20	0.00	0.03
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.14)	(0.17)	0.00	0.00	0.00	(0.03)
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.12	(0.01)	0.01	0.05	0.00	(0.04)	0.00	0.01
1965	Wet	(0.13)	0.00	0.00	0.00	0.05	0.00	(0.74)	(1.41)	(1.02)	0.00	0.00	0.00	(0.27)
1966	Below Normal	0.05	0.00	0.00	(0.29)	(0.28)	(0.13)	(0.03)	(0.37)	(0.32)	0.00	0.00	0.00	(0.11)
1967	Wet	(0.12)	0.00	0.00	0.00	0.00	0.00	2.46	3.39	0.00	0.00	0.00	0.00	0.48
1968	Below Normal	0.00	(2.77)	0.00	(0.35)	(0.66)	(0.28)	(1.37)	(1.37)	(0.92)	0.00	0.00	0.00	(0.64)
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	8.28	0.00	0.00	0.00	0.00	0.00	0.69
1970	Wet	0.00	(0.18)	0.00	0.00	0.00	0.00	(0.70)	0.17	0.18	0.00	0.00	0.68	0.01
1971	Wet	0.04	0.00	0.00	(0.06)	(0.07)	0.00	(0.17)	(0.29)	(0.55)	0.00	0.00	0.00	(0.09)
1972	Below Normal	0.00	0.01	0.00	0.00	0.05	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.64)	(1.90)	0.00	0.00	0.00	(0.22)
1974	Wet	0.00	0.00	0.00	3.20	(0.31)	0.00	0.62	(3.42)	(3.92)	0.00	0.00	0.00	(0.32)
1975	Wet	0.00	(0.28)	0.00	(0.95)	(0.36)	0.00	1.20	1.64	0.98	0.00	0.00	0.00	0.19
1976	Critical	0.00	0.47	0.00	0.53	0.38	0.00	(0.33)	(0.41)	(0.31)	0.00	0.01	0.00	0.03
1977	Critical	0.00	(0.21)	(0.21)	0.00	0.00	0.04	0.71	0.00	0.00	0.00	0.00	0.00	0.03
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	2.67	3.04	6.59	0.00	0.00	0.00	1.03
1979	Below Normal	0.00	(4.02)	0.00	0.00	0.00	0.00	7.66	(0.55)	(3.33)	0.00	0.00	(2.57)	(0.23)
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(2.44)	(2.42)	(1.22)	0.00	10.94	(20.22)	(1.28)
1981	Dry	0.00	(6.16)	0.00	1.09	0.42	11.07	1.12	1.57	4.50	0.00	(0.19)	0.00	1.12
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.18	7.66	0.00	0.00	0.00	1.15
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	4.97	3.67	0.84	0.00	(16.47)	0.00	(0.58)
1987	Dry	0.62	(1.06)	0.00	(0.30)	(0.31)	(0.01)	(1.42)	(1.39)	(1.76)	0.00	(1.60)	0.00	(0.60)
1988	Critical	(0.40)	(0.03)	0.00	0.00	(0.14)	0.00	(0.01)	0.00	0.02	0.00	0.02	0.00	(0.05)
1989	Dry	0.02	0.00	0.00	0.00	0.00	0.00	0.02	0.11	(0.04)	0.00	0.02	0.00	0.01
1990	Critical	0.00	0.19	0.00	0.00	0.00	0.00	(0.03)	(0.04)	(0.06)	0.00	(0.04)	0.00	0.00
1991	Critical	(0.02)	(0.01)	0.00	0.00	0.00	0.00	(0.01)	(0.29)	0.00	0.00	0.18	(0.01)	(0.01)
1992	Critical	(0.01)	(0.09)	0.00	0.00	0.00	0.00	(0.02)	(0.03)	(0.07)	(0.11)	0.00	0.00	(0.03)
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.21)	(0.13)	(0.28)	0.00	0.00	0.00	(0.05)
1994	Critical	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.02)	0.03	0.08	0.00	0.00	0.00	0.01
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.84	29.21	7.36	0.00	0.00	0.00	3.20
1996	Wet	(0.29)	0.35	0.00	(15.52)	0.00	0.00	(3.47)	(4.08)	5.56	0.00	0.00	0.00	(1.45)
1997	Wet	(0.67)	(0.32)	0.00	0.00	0.00	0.00	0.26	0.58	0.64	0.00	0.00	0.00	0.04
1998	Wet	1.55	0.15	0.00	0.24	0.00	0.00	1.88	(0.94)	0.00	0.00	0.00	0.00	0.24
1999	Wet	0.00	0.00	0.00	(1.94)	0.00	0.00	(2.23)	0.49	0.55	0.00	0.00	1.24	(0.16)
2000	Above Normal	0.03	(0.04)	0.00	0.07	0.00	0.00	(0.52)	(0.45)	(0.15)	0.00	0.00	0.00	(0.09)
2001	Dry	(0.26)	(0.51)	0.00	0.00	0.00	0.00	0.23	0.25	0.17	0.00	0.33	0.00	0.02
2002	Dry	0.05	0.00	0.00	0.00	0.00	0.00	(0.29)	(0.34)	(0.30)	0.00	0.17	0.00	(0.06)
2003	Above Normal	0.06	0.63	0.00	0.00	0.00	0.00	(0.03)	(0.06)	0.00	0.00	0.00	0.00	0.05
	Average	(0.05)	(0.30)	(0.00)	(0.09)	(0.07)	0.01	0.16	0.75	(0.03)	(0.01)	(0.08)	(0.30)	(0.00)
	Wet	(0.07)	(0.11)	0.00	(0.36)	(0.07)	(0.20)	0.51	2.61	0.69	0.00	(0.63)	0.07	0.20
	Above Normal	0.20	(0.00)	0.00	0.21	0.19	0.00	0.04	0.03	0.34	0.00	0.91	(1.69)	0.02
	Below Normal	0.02	(0.64)	(0.01)	(0.08)	(0.34)	(0.02)	0.49	(0.14)	(1.41)	0.00	0.09	(0.35)	(0.20)
	Dry	(0.24)	(0.73)	0.00	0.00	(0.08)	0.41	(0.36)	(0.12)	(0.02)	0.00	0.00	(0.00)	(0.10)
	Critical	(0.05)	0.02	(0.02)	0.03	0.01	(0.07)	(0.09)	(0.22)	(0.36)	(0.06)	(0.20)	(0.13)	(0.10)

Percent Difference in Energy generated (GWh) at SWP San Luis: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%
1923	Below Normal	0%	-1%	0%	6%	-3%	-1%	0%	-1%	5%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	-5%	-6%	-8%	-13%	0%	-10%	-12%
1925	Dry	0%	0%	0%	0%	0%	0%	-1%	-2%	-7%	0%	3%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	1%	-2%	0%	13%	0%
1927	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1928	Above Normal	4%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	-11%	-5%	0%	1%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-3%	-1%	-1%
1934	Critical	-8%	0%	0%	0%	0%	0%	1%	1%	1%	1%	3%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	-4%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	-1%	-4%	0%	0%	0%
1937	Below Normal	0%	-4%	0%	0%	0%	0%	6%	9%	-37%	0%	9%	-13%
1938	Wet	0%	0%	0%	0%	0%	0%	23%	-	0%	0%	0%	0%
1939	Dry	-62%	-5%	0%	-6%	-5%	-8%	-12%	-5%	-2%	0%	-96%	0%
1940	Above Normal	30%	-39%	0%	0%	0%	0%	2%	1%	-2%	0%	0%	0%
1941	Wet	0%	-1%	0%	0%	0%	0%	0%	3%	1%	0%	0%	0%
1942	Wet	-5%	-1%	0%	0%	0%	-9%	-2%	-2%	-5%	0%	0%	0%
1943	Wet	-1%	1%	0%	0%	0%	0%	0%	-5%	-5%	0%	0%	0%
1944	Dry	-16%	-11%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	-5%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	-34%	8%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	2%	1%	0%	0%	0%	0%	0%	-3%	0%
1948	Below Normal	0%	0%	-21%	-21%	-3%	0%	0%	2%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	2%	-1%	-2%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	-1%	0%	0%	0%	-1%	0%	9%	12%	0%	0%	0%	0%
1953	Wet	-50%	-8%	0%	25%	-7%	-25%	-16%	0%	1%	0%	0%	0%
1954	Above Normal	-1%	12%	0%	22%	24%	0%	2%	4%	5%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	0%	-1%	0%
1956	Wet	-15%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	9%	7%	16%	0%	0%	0%
1959	Below Normal	-5%	-5%	0%	-2%	-2%	2%	-6%	-10%	-24%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	1%	1%	3%	0%	100%	0%
1961	Dry	-4%	0%	0%	0%	0%	0%	0%	1%	0%	0%	3%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	0%	0%
1965	Wet	-4%	0%	0%	0%	-	0%	-2%	-4%	-4%	0%	0%	0%
1966	Below Normal	1%	0%	0%	-23%	-3%	-2%	0%	-1%	-1%	0%	0%	0%
1967	Wet	-100%	0%	0%	0%	0%	0%	7%	10%	0%	0%	0%	0%
1968	Below Normal	0%	-7%	0%	-2%	-2%	-2%	-3%	-4%	-2%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	128%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	11%
1971	Wet	1%	0%	0%	0%	0%	0%	-1%	-1%	-2%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	-1%	-5%	0%	0%	0%
1974	Wet	0%	0%	0%	604%	-2%	0%	1%	-6%	-12%	0%	0%	0%
1975	Wet	0%	-1%	0%	-7%	-2%	0%	3%	4%	5%	0%	0%	0%
1976	Critical	0%	2%	0%	5%	1%	0%	-1%	-1%	-1%	0%	0%	0%
1977	Critical	0%	-2%	-2%	0%	0%	1%	12%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	14%	21%	-	0%	0%	0%
1979	Below Normal	0%	-29%	0%	0%	0%	0%	17%	-1%	-7%	0%	0%	-100%
1980	Above Normal	0%	0%	0%	0%	0%	0%	-7%	-5%	-7%	0%	279%	-69%
1981	Dry	0%	-22%	0%	9%	3%	265%	4%	6%	34%	0%	-20%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	14%	31%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	12%	7%	3%	0%	-61%	0%
1987	Dry	-	-4%	0%	-2%	-2%	-1%	-6%	-11%	-7%	0%	-9%	0%
1988	Critical	-10%	-100%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	0%
1990	Critical	0%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	-1%	0%	0%	0%	0%	0%	-3%	0%	0%	1%	0%
1992	Critical	-11%	-43%	0%	0%	0%	0%	0%	0%	-1%	-8%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	-1%	0%	-5%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	5%	-	-	0%	0%	0%
1996	Wet	-2%	2%	0%	-100%	0%	0%	-7%	-9%	27%	0%	0%	0%
1997	Wet	-4%	-1%	0%	0%	0%	0%	0%	1%	2%	0%	0%	0%
1998	Wet	25%	1%	0%	2%	0%	0%	5%	-2%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	-30%	0%	0%	-4%	1%	2%	0%	0%	15%
2000	Above Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	0%
2001	Dry	-7%	-3%	0%	0%	0%	0%	1%	1%	1%	0%	1%	0%
2002	Dry	1%	0%	0%	0%	0%	0%	-1%	-1%	-1%	0%	1%	0%
2003	Above Normal	0%	14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-3%	-3%	0%	6%	-1%	3%	2%	0%	0%	0%	3%	-2%
	Wet	-6%	0%	0%	19%	0%	-1%	6%	1%	2%	0%	-2%	1%
	Above Normal	3%	-1%	0%	2%	2%	0%	1%	1%	-1%	0%	23%	-6%
	Below Normal	0%	-3%	-2%	-3%	-3%	0%	1%	-1%	-6%	0%	1%	-8%
	Dry	-5%	-2%	0%	0%	0%	14%	-1%	-1%	1%	0%	0%	0%
	Critical	-2%	-11%	0%	-1%	-1%	0%	0%	-1%	-1%	-1%	-1%	-1%

Energy generated (GWh) at Syst. Tot.: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	473.57	360.59	325.43	110.18	192.89	351.42	372.75	935.49	552.32	601.29	465.61	576.46	5,318.00
1923	Below Normal	329.29	255.88	280.17	311.73	363.55	350.68	306.58	371.54	362.51	626.30	559.98	323.87	4,442.08
1924	Critical	254.40	228.75	178.44	132.67	131.48	183.92	235.57	276.81	297.80	407.01	208.59	141.03	2,676.47
1925	Dry	67.23	55.97	51.55	63.30	62.93	159.82	268.15	367.39	465.77	616.73	456.51	402.23	3,037.58
1926	Dry	236.81	187.14	163.38	81.86	78.57	164.39	200.60	424.44	474.03	607.00	428.71	276.79	3,323.72
1927	Wet	174.16	169.41	224.98	66.04	167.19	471.11	519.27	517.98	423.97	687.59	609.44	617.16	4,648.30
1928	Above Normal	338.23	270.66	258.90	254.13	366.55	442.26	362.54	394.46	523.82	689.14	580.85	510.97	4,992.51
1929	Critical	324.11	230.58	201.26	243.05	221.14	157.33	213.10	288.54	273.23	231.28	191.50	127.43	2,702.55
1930	Dry	71.98	52.96	158.97	43.61	165.67	89.16	239.11	305.50	445.35	582.54	374.12	337.04	2,866.01
1931	Critical	157.56	115.14	84.75	64.12	71.12	90.09	299.49	285.36	308.71	361.00	241.93	156.34	2,235.61
1932	Dry	78.46	62.86	160.15	53.74	91.03	171.39	287.80	290.77	332.28	532.38	399.42	229.12	2,689.40
1933	Critical	188.12	145.74	107.36	73.11	73.27	221.87	255.98	323.35	362.42	343.80	252.57	184.64	2,532.23
1934	Critical	106.08	81.52	117.98	75.24	142.03	89.74	280.32	323.71	340.50	266.48	103.77	42.63	1,970.00
1935	Below Normal	114.09	184.05	140.69	75.37	74.62	100.18	291.36	393.06	329.57	694.99	614.90	451.64	3,464.52
1936	Below Normal	264.44	230.70	177.15	102.86	269.04	459.46	341.24	411.52	422.00	653.34	594.84	333.77	4,260.36
1937	Below Normal	372.39	283.52	345.00	257.59	280.31	331.77	331.98	388.53	577.34	608.76	498.47	308.69	4,584.35
1938	Wet	325.73	224.56	205.86	288.08	720.46	972.31	734.81	895.77	637.40	436.60	468.09	562.52	6,472.19
1939	Dry	337.17	295.78	252.68	301.92	313.29	420.48	467.56	441.10	313.96	667.77	463.34	492.94	4,767.99
1940	Above Normal	251.23	168.35	242.00	89.21	80.57	768.04	425.96	378.73	414.04	734.82	628.38	553.33	4,734.66
1941	Wet	301.58	244.40	169.43	132.57	634.37	731.83	367.42	639.49	427.27	546.53	356.21	619.80	5,170.90
1942	Wet	322.70	265.87	415.93	788.77	820.16	414.28	729.36	549.18	564.49	543.26	418.28	617.16	6,449.44
1943	Wet	348.05	270.21	196.49	856.67	499.53	890.17	479.16	398.80	432.60	704.83	604.42	630.50	6,311.43
1944	Dry	365.02	299.10	339.37	251.72	235.53	184.66	291.65	321.33	420.96	558.99	401.21	222.38	3,891.92
1945	Below Normal	160.90	144.67	134.10	99.46	104.94	350.70	349.18	383.79	402.42	633.12	558.75	324.99	3,647.02
1946	Below Normal	330.60	248.61	261.77	268.65	255.07	354.93	373.21	418.65	437.12	667.82	592.84	380.41	4,589.68
1947	Dry	343.74	252.07	199.22	271.37	253.97	217.88	354.05	438.66	462.96	638.41	494.32	434.90	4,361.55
1948	Below Normal	236.69	208.28	174.41	166.83	168.32	111.20	185.41	272.73	139.55	702.47	610.67	319.21	3,295.77
1949	Dry	267.50	220.43	176.60	111.81	111.83	142.94	372.19	389.61	483.74	631.07	469.28	435.48	3,812.48
1950	Below Normal	233.35	201.39	172.50	98.43	82.07	97.02	300.62	356.06	142.30	696.64	609.98	394.52	3,384.88
1951	Above Normal	246.53	214.83	624.61	725.90	642.25	484.12	348.93	406.64	460.05	700.36	597.84	515.98	5,968.04
1952	Wet	331.04	255.62	205.24	295.60	672.15	469.72	855.04	886.92	618.22	357.91	306.90	536.62	5,790.98
1953	Wet	332.22	265.61	455.88	913.75	285.38	571.05	537.99	449.11	543.10	680.74	452.47	589.89	6,077.19
1954	Above Normal	324.91	252.44	330.90	266.04	216.49	431.01	504.26	383.04	525.40	710.94	603.58	543.84	5,092.85
1955	Dry	301.41	204.85	164.08	103.27	114.58	154.73	312.36	346.61	392.12	564.19	382.59	311.49	3,352.28
1956	Wet	177.46	169.72	161.99	891.19	678.37	563.01	465.98	804.77	526.30	621.28	480.40	625.06	6,165.53
1957	Above Normal	369.31	306.99	418.70	298.92	376.01	373.66	289.51	274.99	153.74	730.97	597.52	523.36	4,713.68
1958	Wet	222.19	230.91	167.17	95.09	719.55	735.43	563.03	781.44	600.21	462.81	392.61	632.68	5,603.12
1959	Below Normal	385.81	319.59	411.36	310.25	509.39	373.33	365.47	370.21	364.37	706.87	586.42	392.49	5,095.56
1960	Dry	272.32	233.43	166.02	79.52	80.09	104.50	378.78	394.23	419.87	670.14	463.75	494.33	3,756.98
1961	Dry	251.82	237.06	187.62	94.08	95.35	104.82	304.15	354.34	411.85	594.27	344.59	166.20	3,146.15
1962	Below Normal	66.14	216.57	235.80	57.85	57.56	119.63	295.87	434.94	201.73	683.55	580.07	427.23	3,376.94
1963	Wet	212.36	197.88	158.09	170.20	711.92	508.31	777.67	462.44	428.92	697.64	566.51	603.06	5,495.00
1964	Dry	322.07	233.55	266.65	223.06	192.56	213.19	400.37	376.01	399.10	602.48	430.33	455.39	4,114.76
1965	Wet	261.78	225.73	255.41	875.10	392.62	401.01	595.16	466.28	397.11	672.48	496.32	608.95	5,647.95
1966	Below Normal	343.38	240.10	188.90	276.71	296.74	261.54	337.44	399.84	458.09	680.26	569.81	452.74	4,505.55
1967	Wet	231.19	209.50	159.03	108.25	191.14	631.50	354.47	716.49	639.43	375.39	359.93	648.52	4,624.84
1968	Below Normal	370.94	305.19	327.16	345.43	700.25	568.45	395.98	369.56	479.48	681.97	540.60	423.33	5,508.34
1969	Wet	269.35	196.21	166.99	539.35	714.16	563.84	535.01	813.53	435.72	359.86	379.42	570.97	5,544.41
1970	Wet	347.62	278.24	668.17	884.14	618.85	468.87	376.04	394.54	436.67	663.90	566.29	495.37	6,198.70
1971	Wet	332.45	260.89	225.11	333.66	319.31	473.93	444.51	662.60	539.23	683.50	539.46	612.77	5,427.42
1972	Below Normal	291.17	241.85	158.38	99.93	166.56	255.63	348.64	376.54	454.06	658.68	560.80	437.16	4,049.40
1973	Above Normal	219.57	200.81	167.49	124.75	485.01	463.23	344.84	467.86	507.71	644.75	493.37	452.57	4,571.96
1974	Wet	334.79	235.13	466.75	907.58	453.75	956.06	652.03	602.33	516.54	568.44	339.06	587.98	6,620.44
1975	Wet	347.08	289.81	210.45	304.66	521.27	765.97	358.10	686.76	576.42	635.82	331.46	624.76	5,652.56
1976	Critical	294.35	286.37	328.56	265.00	279.62	202.75	339.54	380.74	248.40	597.87	361.86	453.33	4,038.39
1977	Critical	305.25	214.68	174.81	80.81	84.17	95.10	129.78	66.26	113.35	46.10	45.37	42.87	1,398.55
1978	Above Normal	31.48	26.77	129.29	70.70	80.46	365.87	450.92	341.21	364.43	603.18	532.58	494.54	3,491.43
1979	Below Normal	341.17	257.20	354.33	236.55	261.04	273.69	318.95	385.55	509.69	626.11	519.31	300.23	4,383.82
1980	Above Normal	278.24	226.12	203.82	569.65	874.86	515.15	310.93	361.38	338.41	498.07	317.09	312.57	4,806.29
1981	Dry	352.32	282.15	265.38	314.43	372.13	465.04	296.69	361.35	293.16	674.09	482.46	496.62	4,655.82
1982	Wet	251.01	204.74	639.28	418.65	732.42	835.46	874.25	672.82	491.03	461.48	351.47	417.30	6,349.91
1983	Wet	400.75	525.96	730.01	710.61	861.83	978.49	509.42	723.16	735.96	387.39	295.48	407.47	7,266.53
1984	Wet	384.10	710.57	970.97	434.72	585.87	667.21	344.80	401.14	494.42	699.81	500.94	578.66	6,773.21
1985	Dry	331.11	228.77	264.75	271.50	275.85	305.41	352.51	448.70	461.88	609.22	410.14	376.59	4,336.43
1986	Wet	320.61	238.21	189.31	256.89	743.35	972.75	332.80	395.82	399.62	647.10	447.14	602.82	5,546.42
1987	Dry	356.05	288.87	349.22	292.88	280.49	189.37	243.74	322.43	367.79	363.19	227.82	184.33	3,466.18
1988	Critical	103.14	72.54	81.35	61.81	88.66	105.03	158.76	198.58	252.89	363.25	171.29	140.18	1,797.48
1989	Dry	70.39	66.65	43.66	39.00	70.30	77.28	321.75	453.16	435.42	664.64	519.30	437.98	3,199.53
1990	Critical	249.29	250.03	235.34	69.01	73.63	90.74	248.47	220.07	272.45	472.27	192.03	173.76	2,547.09
1991	Critical	94.50	57.92	65.25	66.48	63.02	91.18	148.60	175.81	210.18	417.35	181.53	160.37	1,732.19
1992	Critical	74.02	52.28	51.69	45.56	76.78	72.34	164.14	249.86	276.30	109.11	97.50	169.60	1,439.18
1993	Above Normal	134.94	24.62	158.81	71.98	128.53	491.30	419.30	629.24	406.32	692.11	606.78	569.16	4,333.09
1994	Critical	334.00	270.98	268.74	178.77	168.71	150.45	308.36	319.69	320.40	561.10	159.86	274.58	3,315.64
1995	Wet	97.27	173.34	298.47	65.77	354.41	806.34	811.55	915.34	744.08	422.33	408.64	417.30	5,514.84
1996	Wet	428.17	381.61	317.52	712.28	864.10	631.11	573.58	739.86	438.26	663.33	438.31	617.64	6,805.77
1997	Wet	364.80	290.09	719.94	904.13	596.85	515.79	371.46	378.34	409.66	628.81	438.33	571.80	6,190.00
1998	Wet	332.50	269.20	210.63	294.03	828.30	824.22	385.75	644.52	749.89	411.43	345.96	437.96	5,734.39
1999	Wet	409.35	511.83	409.55	770.44	802.83	723.36	363.90	389.25	397.40	650.37	400.71	476.10	6,305.09
2000	Above Normal	367.41	290.64	387.04	288.11	518.71	544.47	325.74	407.04	496.99	728.30	590.44	530.84	5,475.73
2001	Dry	308.09	255.74	328.83	126.40	121.53	128.61	236.26	335.93	369.40	383.98	243.30	185.37	3,023.44
2002	Dry	143.35	78.72	81.33	53.35	91.61	129.89	380.61	357.28	392.68	575.38	353.32	399.73	3,037.25
2003	Above Normal	284.38	180.70	278.80	87.90	114.19	160.29	267.35	484.13	190.94	736.34	587.52	564.37	3,936.91
	Average	268.07	228.04	260.99	278.24	337.04	389.22	382.54	446.62	419.97	570.43	432.26	421.16	4,434.57
	Wet	302.32	280.59	346.10	500.70	595.77	674.74	535.10	614.95	523.23	564.26	434.39	565.80	5,937.94
	Above Normal	276.65	210.29	293.82	246.46	339.71	449.24	368.59	455.35	411.18	672.52	550.13	512.33	4,786.26
	Below Normal	274.31	238.40	240.12	193.40	256.39	286.30	324.42	380.89	377.16	665.78	571.25	376.45	4,184.88
	Dry	248.71	196.45	201.08	154.27	167.07	190.20	317.13	373.82	407.91	585.36	408.03	352.16	3,602.19
	Critical	207.07	167.21	157.96	112.97	122.80	129.21	231.84	259.07	273.05	348.05	183.98	172.23	2,365.45

Energy generated (GWh) at Syst. Tot.: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	473.57	360.59	325.43	110.18	192.89	351.42	372.70	934.62	552.33	601.32	465.63	576.48	5,317.16
1923	Below Normal	329.30	255.82	280.18	307.65	364.44	350.03	306.39	371.38	364.01	625.86	559.79	341.39	4,456.24
1924	Critical	251.89	227.82	177.45	131.00	130.02	181.89	232.16	272.33	291.01	390.14	202.79	137.91	2,626.41
1925	Dry	66.08	55.33	51.05	62.70	62.56	150.39	268.42	367.23	468.62	617.38	455.60	403.17	3,028.53
1926	Dry	236.65	187.74	163.82	83.31	78.45	163.44	200.18	423.11	473.45	595.76	434.88	280.85	3,321.64
1927	Wet	173.65	168.99	224.65	66.13	166.67	471.14	519.47	518.10	423.94	687.86	609.48	617.44	4,647.52
1928	Above Normal	338.54	270.95	259.12	254.40	366.71	442.49	362.43	394.59	524.07	689.32	581.12	511.11	4,994.85
1929	Critical	323.76	230.73	201.08	242.07	220.72	157.05	213.09	288.43	273.17	231.21	191.45	127.75	2,700.51
1930	Dry	71.79	52.88	158.90	43.52	165.66	89.15	239.10	305.48	445.34	582.56	374.13	335.41	2,863.92
1931	Critical	157.53	115.09	84.73	64.12	71.19	90.21	299.70	285.63	308.84	362.70	242.03	157.43	2,239.20
1932	Dry	78.72	62.25	159.88	53.59	91.03	171.55	288.00	290.86	332.24	532.55	398.16	229.57	2,688.40
1933	Critical	189.10	147.48	107.88	72.33	73.31	221.42	255.07	322.53	361.65	343.23	250.78	183.10	2,527.88
1934	Critical	104.13	79.66	117.28	74.23	141.85	90.02	281.05	324.60	341.56	267.52	105.05	42.64	1,969.59
1935	Below Normal	98.92	191.49	146.23	75.50	74.71	100.26	290.15	391.63	322.29	694.90	614.98	451.68	3,452.74
1936	Below Normal	264.11	230.45	177.23	103.15	276.00	457.12	341.06	410.65	420.18	653.60	594.73	332.64	4,260.92
1937	Below Normal	372.31	283.19	344.96	257.63	279.60	348.01	331.22	389.65	589.49	603.65	486.94	302.75	4,589.40
1938	Wet	321.72	221.22	202.78	294.03	684.45	981.56	743.82	912.95	625.83	442.39	454.12	605.34	6,490.21
1939	Dry	330.96	290.78	239.65	300.14	310.49	409.47	438.21	439.96	340.41	664.45	455.58	477.38	4,697.48
1940	Above Normal	243.86	131.94	257.93	82.68	74.95	766.03	426.41	379.09	413.17	734.80	628.39	553.34	4,692.59
1941	Wet	301.70	244.31	169.41	132.62	634.13	722.81	367.29	640.80	427.52	546.51	356.01	619.81	5,162.92
1942	Wet	322.26	265.70	415.95	788.77	820.05	414.14	727.81	547.70	562.95	542.76	417.57	633.99	6,459.65
1943	Wet	346.99	269.79	195.99	836.87	494.67	893.71	484.57	396.25	431.03	704.49	604.39	630.52	6,289.27
1944	Dry	363.54	296.05	339.98	234.10	219.69	179.61	291.06	320.86	420.62	558.48	401.21	223.84	3,849.04
1945	Below Normal	159.62	143.29	133.01	99.13	104.79	328.67	349.23	383.65	402.03	632.78	558.74	360.85	3,655.79
1946	Below Normal	329.03	228.75	263.03	268.44	257.43	328.39	374.21	419.62	445.07	668.25	593.31	378.85	4,554.38
1947	Dry	344.50	252.84	199.93	272.94	254.15	217.40	353.52	439.12	463.32	638.84	493.43	432.58	4,362.57
1948	Below Normal	236.31	207.95	173.59	163.40	165.21	110.26	185.59	277.26	139.55	702.44	610.77	319.27	3,291.60
1949	Dry	267.65	220.61	176.62	111.72	111.86	142.76	372.09	389.77	483.85	631.26	470.59	435.46	3,814.24
1950	Below Normal	232.12	201.25	172.30	96.76	80.58	96.55	300.57	356.00	142.28	695.08	610.04	394.53	3,378.06
1951	Above Normal	246.50	214.81	623.65	725.90	636.28	484.47	348.93	406.64	460.07	700.36	597.84	515.97	5,961.42
1952	Wet	331.04	255.62	205.24	296.10	671.97	469.71	857.15	885.14	613.31	352.81	299.93	545.38	5,783.40
1953	Wet	324.83	257.36	452.83	923.97	294.84	547.47	483.02	445.74	542.56	678.88	450.93	589.01	5,991.44
1954	Above Normal	326.07	255.44	333.02	277.50	227.05	438.83	506.16	386.04	535.21	709.52	604.28	544.47	5,143.59
1955	Dry	302.92	205.44	164.53	103.83	114.52	154.41	310.73	344.65	390.12	562.47	380.58	304.32	3,338.52
1956	Wet	176.13	168.71	161.21	858.67	678.40	563.84	466.18	804.96	526.49	621.44	480.57	626.25	6,132.85
1957	Above Normal	369.45	307.17	418.79	300.22	375.92	372.46	289.63	275.75	153.74	730.97	597.53	523.37	4,715.00
1958	Wet	222.20	230.92	167.18	95.10	719.55	735.25	565.85	785.24	602.98	462.87	392.61	632.76	5,612.51
1959	Below Normal	385.72	317.76	411.41	309.75	508.88	366.57	359.63	362.26	317.42	708.95	587.69	392.74	5,028.78
1960	Dry	272.52	232.62	165.90	79.08	79.69	105.02	379.61	394.25	429.13	668.30	472.30	489.80	3,768.22
1961	Dry	250.86	234.19	185.82	97.15	98.10	105.86	304.67	355.00	412.55	594.75	347.13	165.96	3,152.04
1962	Below Normal	63.67	217.27	237.29	57.87	57.56	119.63	295.88	434.94	201.73	683.56	580.07	427.26	3,376.73
1963	Wet	212.36	197.88	158.09	170.17	711.92	508.31	777.58	462.31	428.76	700.23	566.51	604.48	5,498.60
1964	Dry	322.07	232.89	266.69	223.05	192.47	213.91	400.28	375.93	399.08	602.44	430.40	455.34	4,114.55
1965	Wet	261.94	225.64	255.33	875.79	392.96	399.48	594.48	465.27	392.84	673.49	497.51	609.92	5,644.65
1966	Below Normal	344.12	240.74	189.32	275.28	295.31	260.80	337.42	399.57	457.76	680.35	569.88	452.06	4,502.61
1967	Wet	231.84	209.53	159.03	107.96	191.02	631.48	356.97	719.75	639.30	375.26	359.72	649.84	4,631.70
1968	Below Normal	370.75	302.25	322.21	339.38	699.90	569.10	394.52	370.95	479.15	685.88	544.20	425.39	5,503.68
1969	Wet	257.00	194.75	163.59	503.45	689.85	563.84	542.06	812.35	434.49	358.29	375.22	566.27	5,461.16
1970	Wet	353.68	276.96	666.85	892.25	615.18	468.96	372.12	395.08	437.34	664.22	566.70	494.52	6,203.86
1971	Wet	332.99	261.31	225.48	333.57	326.84	475.52	443.96	661.83	534.96	683.74	539.57	612.93	5,432.70
1972	Below Normal	291.19	241.94	158.45	100.22	166.86	256.19	348.60	376.43	453.96	658.54	560.69	437.08	4,050.15
1973	Above Normal	219.54	200.78	167.49	124.98	485.18	463.41	344.68	467.26	505.86	644.78	493.42	452.57	4,569.95
1974	Wet	334.84	235.17	466.84	905.83	450.69	945.67	664.11	597.86	511.49	567.13	337.43	607.02	6,624.08
1975	Wet	345.24	287.99	209.37	301.36	501.16	756.48	361.74	690.77	579.88	638.32	334.11	627.22	5,633.64
1976	Critical	298.30	289.12	330.65	267.69	281.46	202.89	338.00	378.89	247.97	594.53	362.62	450.92	4,043.04
1977	Critical	303.15	211.89	173.00	80.71	84.07	95.11	137.79	66.28	113.43	46.12	45.37	42.89	1,399.81
1978	Above Normal	31.49	27.57	130.07	70.71	80.51	362.46	452.54	350.62	376.41	612.14	539.96	499.58	3,534.06
1979	Below Normal	338.87	251.35	349.64	205.33	196.51	253.63	352.86	387.10	507.96	627.62	521.30	334.77	4,326.94
1980	Above Normal	322.51	226.65	204.39	471.97	865.63	511.45	301.03	352.57	330.35	440.17	320.65	392.70	4,740.07
1981	Dry	343.73	268.56	254.99	299.86	324.05	499.19	301.76	367.93	339.88	672.12	472.65	496.51	4,641.23
1982	Wet	257.59	206.28	635.67	418.98	732.86	835.39	874.28	679.03	498.72	461.52	351.50	417.32	6,369.14
1983	Wet	385.50	541.55	730.01	710.61	861.83	978.49	509.46	723.16	735.96	387.17	295.19	407.47	7,266.40
1984	Wet	384.10	710.57	970.97	434.72	586.30	667.21	344.81	401.15	494.43	699.83	500.96	578.71	6,773.76
1985	Dry	331.12	228.78	264.78	271.49	275.85	305.40	352.51	448.70	461.88	609.22	410.13	376.59	4,336.45
1986	Wet	320.61	238.19	189.33	256.89	743.34	906.14	353.52	399.56	400.54	647.19	477.09	561.45	5,493.85
1987	Dry	356.45	287.73	349.29	292.47	280.09	189.33	238.02	315.34	359.90	352.03	221.34	179.99	3,421.98
1988	Critical	99.98	70.28	80.07	61.06	88.25	106.23	158.76	198.56	252.91	363.56	171.27	140.18	1,791.11
1989	Dry	70.42	66.65	43.66	38.96	70.25	77.21	321.59	453.05	434.09	664.65	508.83	440.42	3,189.78
1990	Critical	252.10	252.11	238.06	68.99	73.64	90.76	248.53	220.10	272.49	472.50	192.05	173.85	2,555.18
1991	Critical	94.53	57.94	65.29	66.54	63.03	91.19	148.60	173.28	210.32	419.38	181.07	160.85	1,732.02
1992	Critical	74.31	49.95	53.33	46.65	76.80	72.34	164.15	249.88	276.32	109.10	97.48	169.06	1,439.37
1993	Above Normal	134.38	24.55	160.09	72.01	128.42	492.47	419.06	629.34	403.61	692.93	607.55	569.88	4,334.29
1994	Critical	334.44	271.36	268.97	177.79	167.90	150.18	308.34	319.74	320.80	561.03	159.85	274.46	3,314.86
1995	Wet	94.50	174.11	298.99	65.77	354.40	806.32	813.39	944.55	751.45	422.33	408.64	423.56	5,558.01
1996	Wet	421.57	376.03	312.32	606.69	776.06	587.46	566.02	731.73	439.58	659.05	433.89	613.51	6,523.91
1997	Wet	360.13	286.02	717.06	904.57	588.92	515.64	373.69	379.42	404.68	638.77	438.78	572.94	6,180.62
1998	Wet	334.38	269.71	210.98	295.72	820.67	825.54	387.46	638.85	744.82	406.18	339.37	432.24	5,705.92
1999	Wet	417.53	502.95	414.46	773.13	804.37	712.14	348.75	390.07	398.28	650.72	401.12	472.37	6,285.89
2000	Above Normal	367.95	291.02	387.54	288.97	525.19	542.53	324.65	407.50	497.52	729.57	591.42	531.48	5,485.34
2001	Dry	306.99	254.50	321.08	120.52	116.29	127.40	237.63	337.75	371.33	391.81	244.74	186.35	3,016.39
2002	Dry	144.02	79.22	81.61	53.39	91.76	129.77	379.67	356.29	391.69	574.71	350.33	401.74	3,034.20
2003	Above Normal	283.78	186.73	271.95	90.02	116.12	161.01	267.29	484.04	190.93	736.31	587.48	564.34	3,940.00
	Average	267.61	226.85	260.54	274.07	333.23	386.57	382.25	447.00	420.22	569.41	431.97	423.36	4,423.08
	Wet	301.01	279.89	345.37	494.22	588.97	668.60	534.60	616.52	522.47	564.36	434.19	567.40	5,917.60
	Above Normal	279.80	208.18	294.96	239.13	339.57	449.09	367.96	455.67	411.94	668.52	551.27	519.61	4,785.69
	Below Normal	272.57	236.68	239.92	189.96	251.98	281.80	326.24	380.79	374.49	665.82	570.94	382.23	4,173.43
	Dry	247.83	194.95	199.34	152.32	163.16	190.63	315.39	373.63	412.08	584.10	406.78	350.85	3,591.07
	Critical	206.94	166.95	158.15	112.77	122.69	129.11	232.10	258.35	272.54	346.75	183.48	171.75	2,361.58

Difference in Energy generated (GWh) at Syst. Tot.: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	(0.87)	0.01	0.03	0.02	0.02	(0.07)
1923	Below Normal	0.01	(0.06)	0.01	(4.08)	0.89	(0.65)	(0.19)	(0.16)	1.50	(0.44)	(0.19)	17.52	1.18
1924	Critical	(2.51)	(0.93)	(0.99)	(1.67)	(1.46)	(2.03)	(3.41)	(4.48)	(6.79)	(16.87)	(5.80)	(3.12)	(4.17)
1925	Dry	(1.15)	(0.64)	(0.50)	(0.60)	(0.37)	(9.43)	0.27	(0.16)	2.85	0.65	(0.91)	0.94	(0.75)
1926	Dry	(0.16)	0.60	0.44	1.45	(0.12)	(0.95)	(0.42)	(1.33)	(0.58)	(11.24)	6.17	4.06	(0.17)
1927	Wet	(0.51)	(0.42)	(0.33)	0.09	(0.52)	0.03	0.20	0.12	(0.03)	0.27	0.04	0.28	(0.06)
1928	Above Normal	0.31	0.29	0.22	0.27	0.16	0.23	(0.11)	0.13	0.25	0.18	0.27	0.14	0.20
1929	Critical	(0.35)	0.15	(0.18)	(0.98)	(0.42)	(0.28)	(0.01)	(0.11)	(0.06)	(0.07)	(0.05)	0.32	(0.17)
1930	Dry	(0.19)	(0.08)	(0.07)	(0.09)	(0.01)	(0.01)	(0.01)	(0.02)	(0.01)	0.02	0.01	(1.63)	(0.17)
1931	Critical	(0.03)	(0.05)	(0.02)	0.00	0.07	0.12	0.21	0.27	0.13	1.70	0.10	1.09	0.30
1932	Dry	0.26	(0.61)	(0.27)	(0.15)	0.00	0.16	0.20	0.09	(0.04)	0.17	(1.26)	0.45	(0.08)
1933	Critical	0.98	1.74	0.52	(0.78)	0.04	(0.45)	(0.91)	(0.82)	(0.77)	(0.57)	(1.79)	(1.54)	(0.36)
1934	Critical	(1.95)	(1.86)	(0.70)	(1.01)	(0.18)	0.28	0.73	0.89	1.06	1.04	1.28	0.01	(0.03)
1935	Below Normal	(15.17)	7.44	5.54	0.13	0.09	0.08	(1.21)	(1.43)	(7.28)	(0.09)	0.08	0.04	(0.98)
1936	Below Normal	(0.33)	(0.25)	0.08	0.29	6.96	(2.34)	(0.18)	(0.87)	(1.82)	0.26	(0.11)	(1.13)	0.05
1937	Below Normal	(0.08)	(0.33)	(0.04)	0.04	(0.71)	16.24	(0.76)	1.12	12.15	(5.11)	(11.53)	(5.94)	0.42
1938	Wet	(4.01)	(3.34)	(3.08)	5.95	(36.01)	9.25	9.01	17.18	(11.57)	5.79	(13.97)	42.82	1.50
1939	Dry	(6.21)	(5.00)	(13.03)	(1.78)	(2.80)	(11.01)	(29.35)	(1.14)	26.45	(3.32)	(7.76)	(15.56)	(5.88)
1940	Above Normal	(7.37)	(36.41)	15.93	(6.53)	(5.62)	(2.01)	0.45	0.36	(0.87)	(0.02)	0.01	0.01	(3.51)
1941	Wet	0.12	(0.09)	(0.02)	0.05	(0.24)	(9.02)	(0.13)	1.31	0.25	(0.02)	(0.20)	0.01	(0.67)
1942	Wet	(0.44)	(0.17)	0.02	0.00	(0.11)	(0.14)	(1.55)	(1.48)	(1.54)	(0.50)	(0.71)	16.83	0.85
1943	Wet	(1.06)	(0.42)	(0.50)	(19.80)	(4.86)	3.54	5.41	(2.55)	(1.57)	(0.34)	(0.03)	0.02	(1.85)
1944	Dry	(1.48)	(3.05)	0.61	(17.62)	(15.84)	(5.05)	(0.59)	(0.47)	(0.34)	(0.51)	0.00	1.46	(3.57)
1945	Below Normal	(1.28)	(1.38)	(1.09)	(0.33)	(0.15)	(22.03)	0.05	(0.14)	(0.39)	(0.34)	(0.01)	35.86	0.73
1946	Below Normal	(1.57)	(19.86)	1.26	(0.21)	2.36	(26.54)	1.00	0.97	7.95	0.43	0.47	(1.56)	(2.94)
1947	Dry	0.76	0.77	0.71	1.57	0.18	(0.48)	(0.53)	0.46	0.36	0.43	(0.89)	(2.32)	0.09
1948	Below Normal	(0.38)	(0.33)	(0.82)	(3.43)	(3.11)	(0.94)	0.18	4.53	0.00	(0.03)	0.10	0.06	(0.35)
1949	Dry	0.15	0.18	0.02	(0.09)	0.03	(0.18)	(0.10)	0.16	0.11	0.19	1.31	(0.02)	0.15
1950	Below Normal	(1.23)	(0.14)	(0.20)	(1.67)	(1.49)	(0.47)	(0.05)	(0.06)	(0.02)	(1.56)	0.06	0.01	(0.57)
1951	Above Normal	(0.03)	(0.02)	(0.96)	0.00	(5.97)	0.35	0.00	0.00	0.02	0.00	0.00	(0.01)	(0.55)
1952	Wet	0.00	0.00	0.00	0.50	(0.18)	(0.01)	2.11	(1.78)	(4.91)	(5.10)	(6.97)	8.76	(0.63)
1953	Wet	(7.39)	(8.25)	(3.05)	10.22	9.46	(23.58)	(54.97)	(3.37)	(0.54)	(1.86)	(1.54)	(0.88)	(7.15)
1954	Above Normal	1.16	3.00	2.12	11.46	10.56	7.82	1.90	3.00	9.81	(1.42)	0.70	0.63	4.23
1955	Dry	1.51	0.59	0.45	0.56	(0.06)	(0.32)	(1.63)	(1.96)	(2.00)	(1.72)	(2.01)	(7.17)	(1.15)
1956	Wet	(1.33)	(1.01)	(0.78)	(32.52)	0.03	0.83	0.20	0.19	0.19	0.16	0.17	1.19	(2.72)
1957	Above Normal	0.14	0.18	0.09	1.30	(0.09)	(1.20)	0.12	0.76	0.00	0.00	0.01	0.01	0.11
1958	Wet	0.01	0.01	0.01	0.01	0.00	(0.18)	2.82	3.80	2.77	0.06	0.00	0.08	0.78
1959	Below Normal	(0.09)	(1.83)	0.05	(0.50)	(0.51)	(6.76)	(5.84)	(7.95)	(46.95)	2.08	1.27	0.25	(5.56)
1960	Dry	0.20	(0.81)	(0.12)	(0.44)	(0.40)	0.52	0.83	0.02	9.26	(1.84)	8.55	(4.53)	0.94
1961	Dry	(0.96)	(2.87)	(1.80)	3.07	2.75	1.04	0.52	0.66	0.70	0.48	2.54	(0.24)	0.49
1962	Below Normal	(2.47)	0.70	1.49	0.02	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.03	(0.02)
1963	Wet	0.00	0.00	0.00	(0.03)	0.00	0.00	(0.09)	(0.13)	(0.16)	2.59	0.00	1.42	0.30
1964	Dry	0.00	(0.66)	0.04	(0.01)	(0.09)	0.72	(0.09)	(0.08)	(0.02)	(0.04)	0.07	(0.05)	(0.02)
1965	Wet	0.16	(0.09)	(0.08)	0.69	0.34	(1.53)	(0.68)	(1.01)	(4.27)	1.01	1.19	0.97	(0.28)
1966	Below Normal	0.74	0.64	0.42	(1.43)	(1.43)	(0.74)	(0.02)	(0.27)	(0.33)	0.09	0.07	(0.68)	(0.24)
1967	Wet	0.65	0.03	0.00	(0.29)	(0.12)	(0.02)	2.50	3.26	(0.13)	(0.13)	(0.21)	1.32	0.57
1968	Below Normal	(0.19)	(2.94)	(4.95)	(6.05)	(0.35)	0.65	(1.46)	1.39	(0.33)	3.91	3.60	2.06	(0.39)
1969	Wet	(12.35)	(1.46)	(3.40)	(35.90)	(24.31)	0.00	7.05	(1.18)	(1.23)	(1.57)	(4.20)	(4.70)	(6.94)
1970	Wet	6.06	(1.28)	(1.32)	8.11	(3.67)	0.09	(3.92)	0.54	0.67	0.32	0.41	(0.85)	0.43
1971	Wet	0.54	0.42	0.37	(0.09)	7.53	1.59	(0.55)	(0.77)	(4.27)	0.24	0.11	0.16	0.44
1972	Below Normal	0.02	0.09	0.07	0.29	0.30	0.56	(0.04)	(0.11)	(0.10)	(0.14)	(0.11)	(0.08)	0.06
1973	Above Normal	(0.03)	(0.03)	0.00	0.23	0.17	0.18	(0.16)	(0.60)	(1.85)	0.03	0.05	0.00	(0.17)
1974	Wet	0.05	0.04	0.09	(1.75)	(3.06)	(10.39)	12.08	(4.47)	(5.05)	(1.31)	(1.63)	19.04	0.30
1975	Wet	(1.84)	(1.82)	(1.08)	(3.30)	(20.11)	(9.49)	3.64	4.01	3.46	2.50	2.65	2.46	(1.58)
1976	Critical	3.95	2.75	2.09	2.69	1.84	0.14	(1.54)	(1.85)	(0.43)	(3.34)	0.76	(2.41)	0.39
1977	Critical	(2.10)	(2.79)	(1.81)	(0.10)	(0.10)	0.01	8.01	0.02	0.08	0.02	0.00	0.02	0.10
1978	Above Normal	0.01	0.80	0.78	0.01	0.05	(3.41)	1.62	9.41	11.98	8.96	7.38	5.04	3.55
1979	Below Normal	(2.30)	(5.85)	(4.69)	(31.22)	(64.53)	(20.06)	33.91	1.55	(1.73)	1.51	1.99	34.54	(4.74)
1980	Above Normal	44.27	0.53	0.57	(97.68)	(9.23)	(3.70)	(9.90)	(8.81)	(8.06)	(57.90)	3.56	80.13	(5.52)
1981	Dry	(8.59)	(13.59)	(10.39)	(14.57)	(48.08)	34.15	5.07	6.58	46.72	(1.97)	(9.81)	(0.11)	(1.22)
1982	Wet	6.58	1.54	(3.61)	0.33	0.44	(0.07)	0.03	6.21	7.69	0.04	0.03	0.02	1.60
1983	Wet	(15.25)	15.59	0.00	0.00	0.00	0.00	0.04	0.00	0.00	(0.22)	(0.29)	0.00	(0.01)
1984	Wet	0.00	0.00	0.00	0.00	0.43	0.00	0.01	0.01	0.01	0.02	0.02	0.05	0.05
1985	Dry	0.01	0.01	0.03	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1986	Wet	0.00	(0.02)	0.02	0.00	(0.01)	(66.61)	20.72	3.74	0.92	0.09	29.95	(41.37)	(4.38)
1987	Dry	0.40	(1.14)	0.07	(0.41)	(0.40)	(0.04)	(5.72)	(7.09)	(7.89)	(11.16)	(6.48)	(4.34)	(3.68)
1988	Critical	(3.16)	(2.26)	(1.28)	(0.75)	(0.41)	1.20	0.00	(0.02)	0.02	0.31	(0.02)	0.00	(0.53)
1989	Dry	0.03	0.00	0.00	(0.04)	(0.05)	(0.07)	(0.16)	(0.11)	(1.33)	0.01	(10.47)	2.44	(0.81)
1990	Critical	2.81	2.08	2.72	(0.02)	0.01	0.02	0.06	0.03	0.04	0.23	0.02	0.09	0.67
1991	Critical	0.03	0.02	0.04	0.06	0.01	0.01	0.00	(2.53)	0.14	2.03	(0.46)	0.48	(0.01)
1992	Critical	0.29	(2.33)	1.64	1.09	0.02	0.00	0.01	0.02	0.02	(0.01)	(0.02)	(0.54)	0.02
1993	Above Normal	(0.56)	(0.07)	1.28	0.03	(0.11)	1.17	(0.24)	0.10	(2.71)	0.82	0.77	0.72	0.10
1994	Critical	0.44	0.38	0.23	(0.98)	(0.81)	(0.27)	(0.02)	0.05	0.40	(0.07)	(0.01)	(0.12)	(0.07)
1995	Wet	(2.77)	0.77	0.52	0.00	(0.01)	(0.02)	1.84	29.21	7.37	0.00	0.00	6.26	3.60
1996	Wet	(6.60)	(5.58)	(5.20)	(105.59)	(88.04)	(43.65)	(7.56)	(8.13)	1.32	(4.28)	(4.42)	(4.13)	(23.49)
1997	Wet	(4.67)	(4.07)	(2.88)	0.44	(7.93)	(0.15)	2.23	1.08	(4.98)	9.96	0.45	1.14	(0.78)
1998	Wet	1.88	0.51	0.35	1.69	(7.63)	1.32	1.71	(5.67)	(5.07)	(5.25)	(6.59)	(5.72)	(2.37)
1999	Wet	8.18	(8.88)	4.91	2.69	1.54	(11.22)	(15.15)	0.82	0.88	0.35	0.41	(3.73)	(1.60)
2000	Above Normal	0.54	0.38	0.50	0.86	6.48	(1.94)	(1.09)	0.46	0.53	1.27	0.98	0.64	0.80
2001	Dry	(1.10)	(1.24)	(7.75)	(5.88)	(5.24)	(1.21)	1.37	1.82	1.93	7.83	1.44	0.98	(0.59)
2002	Dry	0.67	0.50	0.28	0.04	0.15	(0.12)	(0.94)	(0.99)	(0.99)	(0.67)	(2.99)	2.01	(0.25)
2003	Above Normal	(0.60)	6.03	(6.85)	2.12	1.93	0.72	(0.06)	(0.09)	(0.01)	(0.03)	(0.04)	(0.03)	0.26
	Average	(0.46)	(1.19)	(0.45)	(4.17)	(3.81)	(2.66)	(0.28)	0.38	0.26	(1.01)	(0.30)	2.20	(0.96)
	Wet	(1.31)	(0.69)	(0.73)	(6.48)	(6.81)	(6.13)	(0.50)	1.57	(0.76)	0.11	(0.20)	1.59	(1.70)
	Above Normal	3.15	(2.11)	1.14	(7.33)	(0.14)	(0.15)	(0.63)	0.32	0.76	(4.01)	1.14	7.28	(0.05)
	Below Normal	(1.74)	(1.72)	(0.21)	(3.44)	(4.41)	(4.50)	1.81	(0.10)	(2.67)	0.04	(0.31)	5.78	(0.95)
	Dry	(0.88)	(1.50)	(1.74)	(1.94)	(3.91)	0.43	(1.74)	(0.20)	4.18	(1.26)	(1.25)	(1.31)	(0.93)
	Critical	(0.13)	(0.26)	0.19	(0.20)	(0.12)	(0.10)	0.26	(0.71)	(0.51)	(1.30)	(0.50)	(0.48)	(0.32)

Percent Difference in Energy generated (GWh) at Syst. Tot.: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	5%
1924	Critical	-1%	0%	-1%	-1%	-1%	-1%	-1%	-2%	-2%	-4%	-3%	-2%
1925	Dry	-2%	-1%	-1%	-1%	-1%	-6%	0%	0%	1%	0%	0%	0%
1926	Dry	0%	0%	0%	2%	0%	-1%	0%	0%	0%	-2%	1%	1%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1932	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	1%	1%	0%	-1%	0%	0%	0%	0%	0%	0%	-1%	-1%
1934	Critical	-2%	-2%	-1%	-1%	0%	0%	0%	0%	0%	0%	1%	0%
1935	Below Normal	-13%	4%	4%	0%	0%	0%	0%	0%	-2%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	3%	-1%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	5%	0%	0%	2%	-1%	-2%	-2%
1938	Wet	-1%	-1%	-1%	2%	-5%	1%	1%	2%	-2%	1%	-3%	8%
1939	Dry	-2%	-2%	-5%	-1%	-1%	-3%	-6%	0%	8%	0%	-2%	-3%
1940	Above Normal	-3%	-22%	7%	-7%	-7%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1943	Wet	0%	0%	0%	-2%	-1%	0%	1%	-1%	0%	0%	0%	0%
1944	Dry	0%	-1%	0%	-7%	-7%	-3%	0%	0%	0%	0%	0%	1%
1945	Below Normal	-1%	-1%	-1%	0%	0%	-6%	0%	0%	0%	0%	0%	11%
1946	Below Normal	0%	-8%	0%	0%	1%	-7%	0%	0%	2%	0%	0%	0%
1947	Dry	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	-1%
1948	Below Normal	0%	0%	0%	-2%	-2%	-1%	0%	2%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	-1%	0%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	2%
1953	Wet	-2%	-3%	-1%	1%	3%	-4%	-10%	-1%	0%	0%	0%	0%
1954	Above Normal	0%	1%	1%	4%	5%	2%	0%	1%	2%	0%	0%	0%
1955	Dry	1%	0%	0%	1%	0%	0%	-1%	-1%	-1%	0%	-1%	-2%
1956	Wet	-1%	-1%	0%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1959	Below Normal	0%	-1%	0%	0%	0%	-2%	-2%	-2%	-13%	0%	0%	0%
1960	Dry	0%	0%	0%	-1%	0%	0%	0%	0%	2%	0%	2%	-1%
1961	Dry	0%	-1%	-1%	3%	3%	1%	0%	0%	0%	0%	1%	0%
1962	Below Normal	-4%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1966	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1968	Below Normal	0%	-1%	-2%	-2%	0%	0%	0%	0%	0%	1%	1%	0%
1969	Wet	-5%	-1%	-2%	-7%	-3%	0%	1%	0%	0%	0%	-1%	-1%
1970	Wet	2%	0%	0%	1%	-1%	0%	-1%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	2%	0%	0%	0%	-1%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	-1%	-1%	2%	-1%	-1%	0%	0%	3%
1975	Wet	-1%	-1%	-1%	-1%	-4%	-1%	1%	1%	1%	0%	1%	0%
1976	Critical	1%	1%	1%	1%	1%	0%	0%	0%	0%	-1%	0%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	6%	0%	0%	0%	0%	0%
1978	Above Normal	0%	3%	1%	0%	0%	-1%	0%	3%	3%	1%	1%	1%
1979	Below Normal	-1%	-2%	-1%	-13%	-25%	-7%	11%	0%	0%	0%	0%	12%
1980	Above Normal	16%	0%	0%	-17%	-1%	-1%	-3%	-2%	-2%	-12%	1%	26%
1981	Dry	-2%	-5%	-4%	-5%	-13%	7%	2%	2%	16%	0%	-2%	0%
1982	Wet	3%	1%	-1%	0%	0%	0%	0%	1%	2%	0%	0%	0%
1983	Wet	-4%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-7%	6%	1%	0%	0%	7%	-7%
1987	Dry	0%	0%	0%	0%	0%	0%	-2%	-2%	-2%	-3%	-3%	-2%
1988	Critical	-3%	-3%	-2%	-1%	0%	1%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%
1992	Critical	0%	-4%	3%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	1%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1994	Critical	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	-3%	0%	0%	0%	0%	0%	0%	3%	1%	0%	0%	2%
1996	Wet	-2%	-1%	-2%	-15%	-10%	-7%	-1%	-1%	0%	-1%	-1%	-1%
1997	Wet	-1%	-1%	0%	0%	-1%	0%	1%	0%	-1%	2%	0%	0%
1998	Wet	1%	0%	0%	1%	-1%	0%	0%	-1%	-1%	-1%	-2%	-1%
1999	Wet	2%	-2%	1%	0%	0%	-2%	-4%	0%	0%	0%	0%	-1%
2000	Above Normal	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-2%	-5%	-4%	-1%	1%	1%	1%	2%	1%	1%
2002	Dry	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%
2003	Above Normal	0%	3%	-2%	2%	2%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	-1%	0%	-1%	-1%	-1%	0%	0%	0%	0%	0%	1%
	Wet	0%	0%	0%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%
	Above Normal	1%	-1%	1%	-1%	0%	0%	0%	0%	0%	-1%	0%	2%
	Below Normal	-1%	-1%	0%	-1%	-2%	-1%	1%	0%	-1%	0%	0%	2%
	Dry	0%	-1%	-1%	-1%	-1%	0%	0%	0%	1%	0%	0%	0%
	Critical	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Energy generated (GWh) at Thermalito Dam: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	20.29	12.39	16.99	8.71	12.93	24.46	6.41	85.94	32.41	39.74	24.49	43.71	328.47
1923	Below Normal	20.48	12.39	19.80	8.71	16.13	8.71	4.96	5.12	4.96	41.46	36.83	12.73	192.28
1924	Critical	11.97	12.39	10.51	8.71	8.14	13.18	8.60	13.14	14.98	41.97	8.80	5.11	157.50
1925	Dry	4.61	4.46	5.10	4.61	4.16	4.10	3.72	3.84	16.11	41.32	20.57	23.61	136.21
1926	Dry	11.25	7.82	8.79	4.61	4.16	8.27	3.72	15.75	22.73	46.00	24.33	10.81	168.24
1927	Wet	4.61	4.46	21.27	4.61	13.12	36.28	23.67	20.69	10.13	47.58	40.96	48.84	276.22
1928	Above Normal	20.48	12.39	15.68	8.71	21.21	42.74	4.96	5.12	23.94	51.21	41.11	38.56	286.11
1929	Critical	20.48	8.42	8.71	8.71	7.86	9.36	9.39	15.25	12.76	6.70	4.28	3.83	115.75
1930	Dry	4.61	4.46	20.78	4.61	18.55	4.10	3.72	3.84	20.12	44.94	20.66	22.81	173.20
1931	Critical	7.79	5.58	4.61	4.61	4.16	4.10	15.46	11.74	13.83	31.87	11.31	5.54	120.60
1932	Dry	4.61	4.46	23.43	4.61	4.31	14.50	5.63	3.84	3.72	40.01	26.04	3.83	138.99
1933	Critical	10.00	10.08	4.61	4.61	4.16	24.17	3.87	10.62	10.87	15.56	3.84	3.83	106.22
1934	Critical	4.61	4.46	14.18	4.61	17.25	4.62	13.10	16.79	16.59	10.78	9.60	4.91	121.50
1935	Below Normal	6.34	4.46	4.61	4.61	4.39	4.10	4.96	5.12	9.28	44.23	38.87	24.05	155.02
1936	Below Normal	11.40	10.28	8.71	8.71	28.39	28.30	4.96	5.69	7.97	42.24	37.96	7.73	202.34
1937	Below Normal	20.48	12.39	26.99	8.71	7.86	8.71	4.96	5.12	33.67	42.15	28.51	4.96	204.51
1938	Wet	20.48	8.42	8.71	8.71	62.17	89.10	64.94	88.70	40.63	17.42	21.61	41.30	472.19
1939	Dry	20.48	12.39	15.12	8.71	7.86	8.71	13.34	15.91	14.21	46.07	32.72	32.54	228.06
1940	Above Normal	7.98	5.95	6.38	6.14	5.75	89.10	19.01	5.12	13.14	51.21	42.49	40.54	292.81
1941	Wet	19.64	12.39	8.71	8.71	70.47	58.59	18.81	43.56	15.40	33.11	10.97	49.56	349.92
1942	Wet	20.48	12.39	39.95	73.58	80.48	14.21	52.25	29.84	29.95	30.84	16.83	47.36	448.16
1943	Wet	20.48	12.39	8.71	86.35	34.67	82.32	20.85	5.12	9.71	49.49	39.65	49.56	419.30
1944	Dry	20.48	13.10	28.00	10.98	10.27	10.98	9.11	7.84	19.83	44.29	28.70	4.96	208.54
1945	Below Normal	8.71	8.42	8.71	8.71	7.86	8.71	4.96	5.46	6.38	43.86	37.81	9.24	158.83
1946	Below Normal	20.48	11.44	8.71	8.71	7.96	18.51	4.96	10.35	12.78	48.65	42.03	18.32	212.90
1947	Dry	20.48	12.39	8.71	8.71	7.86	8.71	4.96	10.50	14.37	44.34	28.98	27.41	197.42
1948	Below Normal	12.08	7.22	6.14	6.64	6.47	5.12	4.96	5.12	4.96	44.54	37.97	4.96	146.18
1949	Dry	10.91	8.57	8.71	8.71	7.86	8.71	6.83	6.27	18.61	44.96	25.48	28.31	183.93
1950	Below Normal	7.09	4.75	6.12	4.61	4.16	4.10	4.96	5.12	4.96	45.94	39.77	16.87	148.45
1951	Above Normal	10.93	8.42	63.61	59.83	50.17	23.22	4.96	8.96	14.34	51.21	41.47	36.15	373.27
1952	Wet	20.48	12.39	8.71	8.71	55.60	36.29	86.23	89.10	44.92	12.03	6.41	38.60	419.47
1953	Wet	20.48	12.39	33.16	89.10	7.86	31.55	22.45	16.83	27.47	48.91	23.24	45.88	379.32
1954	Above Normal	20.48	12.39	30.10	15.23	7.86	34.68	30.86	5.12	23.68	51.21	40.80	39.94	312.35
1955	Dry	18.56	8.42	8.71	8.71	7.86	8.71	8.32	5.58	10.77	42.55	17.18	15.78	161.15
1956	Wet	8.71	8.42	8.71	89.10	54.34	32.87	15.98	55.45	21.63	37.56	21.32	45.83	399.92
1957	Above Normal	20.48	12.39	35.26	8.71	17.97	25.80	4.96	5.12	4.96	49.54	37.56	39.79	262.54
1958	Wet	8.71	11.85	8.71	8.71	80.48	60.98	37.98	53.54	33.06	16.57	8.63	43.93	373.15
1959	Below Normal	20.48	12.39	33.41	8.71	36.49	11.53	9.40	6.04	19.69	50.29	39.81	22.77	271.01
1960	Dry	13.61	12.39	8.51	6.14	5.75	5.12	11.08	7.27	18.24	44.61	30.49	30.15	193.36
1961	Dry	6.38	5.95	7.14	6.14	5.55	5.47	6.08	6.26	12.71	46.51	17.98	3.83	130.00
1962	Below Normal	4.61	4.46	4.61	4.61	4.16	4.10	3.87	15.94	12.88	46.44	38.10	23.62	167.40
1963	Wet	6.14	5.95	6.14	9.42	75.86	42.52	64.88	16.21	10.37	49.57	36.27	48.22	371.55
1964	Dry	20.48	10.61	9.06	8.71	8.14	8.71	6.08	5.12	8.13	43.11	19.37	32.94	180.46
1965	Wet	14.03	8.42	13.93	89.10	22.52	26.86	38.64	17.91	10.85	48.53	30.42	49.56	370.77
1966	Below Normal	20.48	12.39	8.71	8.71	7.86	8.71	4.96	9.25	18.66	51.21	41.09	32.43	224.46
1967	Wet	12.79	8.42	8.71	8.71	7.86	58.36	10.69	47.28	42.11	7.33	6.48	47.27	266.01
1968	Below Normal	20.48	12.39	22.33	13.29	56.46	33.98	9.85	5.94	19.87	51.21	37.50	26.71	310.01
1969	Wet	16.72	8.42	8.71	49.60	57.70	33.06	37.39	65.62	18.51	8.93	12.04	40.27	356.97
1970	Wet	19.52	12.39	69.82	89.10	49.31	21.11	7.35	5.12	12.41	48.30	39.14	34.63	408.20
1971	Wet	20.48	13.93	11.83	11.83	10.68	33.40	19.01	43.97	27.94	48.01	32.87	49.56	323.51
1972	Below Normal	17.61	12.39	8.71	8.71	8.14	10.13	4.96	5.12	14.61	45.65	37.17	27.76	200.96
1973	Above Normal	8.71	8.42	8.71	8.71	43.65	31.31	4.96	13.30	19.52	43.75	26.47	26.28	243.79
1974	Wet	20.48	8.42	41.99	89.10	26.80	89.10	41.84	29.58	21.65	34.94	5.12	40.98	450.00
1975	Wet	20.48	12.39	8.71	8.71	37.28	66.14	4.96	42.86	30.46	41.91	5.12	47.17	326.19
1976	Critical	14.26	12.39	24.49	8.71	8.14	8.71	4.96	5.74	5.58	35.59	17.70	29.94	176.21
1977	Critical	20.48	5.95	6.14	6.14	5.55	5.12	4.71	5.03	12.38	7.59	7.56	7.36	94.01
1978	Above Normal	4.85	4.46	4.61	4.61	4.16	27.39	25.23	5.12	7.79	38.91	32.88	36.05	196.06
1979	Below Normal	20.48	12.39	31.44	6.14	5.55	5.12	4.96	5.12	19.87	43.35	33.09	6.54	194.05
1980	Above Normal	14.20	8.42	8.71	50.27	83.35	27.22	4.96	5.12	4.96	27.55	5.12	4.96	244.84
1981	Dry	20.48	12.39	18.08	10.12	17.18	35.68	4.96	5.12	21.06	43.79	25.58	32.22	246.66
1982	Wet	10.85	5.95	69.46	42.72	80.48	68.62	86.23	40.93	18.60	17.57	5.12	19.67	466.20
1983	Wet	24.09	43.07	56.25	64.97	80.48	89.10	43.35	60.73	57.86	14.87	7.81	25.09	567.67
1984	Wet	25.83	72.10	89.10	28.69	41.20	46.28	4.96	5.12	17.93	51.21	29.18	44.69	456.29
1985	Dry	20.48	8.42	8.71	8.71	7.86	8.71	4.96	14.51	17.28	44.76	18.37	23.42	186.19
1986	Wet	20.48	12.39	8.71	8.71	80.48	89.10	4.96	5.12	7.99	44.56	16.74	49.15	348.39
1987	Dry	20.48	12.39	30.10	8.71	7.86	8.71	4.96	10.93	16.10	25.88	5.12	4.96	156.20
1988	Critical	6.14	5.95	6.14	6.14	6.50	6.38	3.72	8.11	13.07	38.50	6.78	6.35	113.78
1989	Dry	4.61	4.46	4.61	4.61	5.52	4.10	3.72	11.51	18.68	42.54	30.85	28.99	164.20
1990	Critical	10.09	12.39	17.97	4.61	4.16	4.10	6.13	4.06	4.59	41.97	3.84	5.32	119.23
1991	Critical	4.93	4.46	6.55	6.75	4.16	4.10	3.72	3.84	16.95	43.68	6.15	6.66	111.95
1992	Critical	4.61	4.78	4.61	4.61	4.31	4.10	3.72	8.74	15.85	8.38	6.65	9.37	79.73
1993	Above Normal	4.70	4.46	4.10	4.61	4.16	44.66	17.72	39.76	22.12	46.40	39.32	40.30	272.31
1994	Critical	20.48	12.39	20.22	6.14	5.55	5.12	4.96	5.12	6.53	42.20	9.19	9.40	147.30
1995	Wet	10.08	5.95	6.14	6.14	35.63	89.10	63.82	89.10	54.30	12.16	11.52	16.02	399.96
1996	Wet	23.39	22.64	20.83	61.21	83.35	51.94	33.22	53.29	11.74	43.55	17.27	46.04	468.47
1997	Wet	20.48	12.39	76.96	89.10	47.60	27.16	4.96	5.12	11.33	45.28	23.17	46.48	410.03
1998	Wet	20.48	12.39	11.34	8.71	79.49	73.10	14.59	47.04	55.27	12.86	5.87	22.26	363.40
1999	Wet	26.74	41.71	30.84	71.15	76.70	58.12	4.96	5.12	8.50	44.69	14.70	27.07	410.30
2000	Above Normal	20.48	12.39	32.74	8.71	42.53	48.11	4.96	7.76	18.00	51.21	38.13	37.98	323.00
2001	Dry	20.48	12.39	32.32	8.71	7.86	8.71	4.96	10.55	16.88	28.62	5.12	4.96	161.56
2002	Dry	12.44	5.95	6.14	6.14	6.11	5.12	4.96	5.12	7.44	42.09	7.38	26.27	135.16
2003	Above Normal	9.09	9.97	8.71	8.71	7.86	8.71	4.96	24.30	10.27	51.08	37.90	41.37	222.93
	Average	14.91	11.12	18.31	19.80	25.38	27.47	15.05	18.86	17.77	38.33	23.21	26.64	256.85
	Wet	17.58	15.46	26.39	42.87	52.02	54.05	31.88	37.81	25.03	33.38	18.79	40.96	396.21
	Above Normal	13.56	9.34	19.63	16.08	25.13	35.62	11.16	17.56	16.26	46.09	33.98	35.47	279.87
	Below Normal	15.09	9.84	14.21	7.83	14.42	11.42	5.55	6.75	13.61	45.80	37.61	17.05	199.17
	Dry	14.19	8.95	14.00	7.35	8.04	9.28	6.17	8.32	15.39	42.02	21.38	19.88	174.97
	Critical	11.32	8.27	10.73	6.20	6.66	7.76	6.86	9.02	12.00	27.07	7.98	8.14	121.98

Energy generated (GWh) at Thermalito Dam: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	20.29	12.39	16.99	8.71	12.93	24.46	6.41	85.94	32.41	39.74	24.49	43.71	328.47
1923	Below Normal	20.48	12.39	19.80	8.71	16.30	8.71	4.96	5.12	4.96	41.39	36.79	15.21	194.82
1924	Critical	11.68	12.34	10.42	8.71	8.14	13.22	8.63	13.17	15.00	39.80	8.59	5.11	154.81
1925	Dry	4.61	4.46	5.11	4.61	4.16	4.10	3.72	3.84	16.75	41.34	20.24	23.66	136.60
1926	Dry	11.32	7.87	8.79	4.61	4.16	7.49	3.72	15.62	22.79	44.41	24.96	11.55	167.29
1927	Wet	4.61	4.46	21.27	4.61	13.12	36.28	23.67	20.69	10.13	47.58	40.92	48.84	276.18
1928	Above Normal	20.48	12.39	15.67	8.71	21.21	42.77	4.96	5.12	23.96	51.21	41.13	38.58	286.19
1929	Critical	20.48	8.42	8.71	8.71	7.86	9.40	9.39	15.25	12.76	6.70	4.28	3.83	115.79
1930	Dry	4.61	4.46	20.78	4.61	18.55	4.10	3.72	3.84	20.12	44.95	20.66	22.56	172.96
1931	Critical	7.79	5.58	4.61	4.61	4.16	4.10	15.45	11.74	13.83	32.10	11.31	5.54	120.82
1932	Dry	4.61	4.46	23.43	4.61	4.31	14.50	5.63	3.84	3.72	40.01	25.77	3.83	138.72
1933	Critical	10.05	10.07	4.61	4.61	4.16	24.17	3.88	10.62	10.87	15.74	3.84	3.83	106.45
1934	Critical	4.61	4.46	14.18	4.61	17.25	4.79	13.10	16.78	16.59	10.78	9.60	4.91	121.66
1935	Below Normal	5.62	4.46	4.61	4.61	4.39	4.10	4.96	5.12	9.28	44.23	38.87	24.05	154.30
1936	Below Normal	11.36	10.24	8.71	8.71	29.25	28.30	4.96	5.69	7.97	42.29	37.96	7.59	203.03
1937	Below Normal	20.48	12.39	26.99	8.71	7.86	8.71	4.96	5.12	36.87	42.15	27.35	4.96	206.55
1938	Wet	20.48	8.42	8.71	8.71	60.25	89.10	64.94	88.70	40.63	18.60	21.33	47.31	477.18
1939	Dry	20.48	12.39	13.75	8.71	7.86	8.71	13.34	15.55	14.14	46.01	32.51	30.36	223.81
1940	Above Normal	6.14	5.95	6.14	6.14	5.75	89.10	19.01	5.12	13.13	51.21	42.49	40.55	290.73
1941	Wet	19.66	12.39	8.71	8.71	70.44	58.59	18.81	43.56	15.40	33.11	10.78	49.56	349.72
1942	Wet	20.48	12.39	39.96	73.58	80.48	14.22	52.26	29.84	29.96	30.84	16.82	49.56	450.39
1943	Wet	20.48	12.39	8.71	84.04	34.67	82.32	20.85	5.12	9.72	49.42	39.64	49.56	416.92
1944	Dry	20.48	13.11	28.06	10.99	10.28	10.99	9.11	7.84	19.82	44.28	29.25	4.96	209.17
1945	Below Normal	8.71	8.42	8.71	8.71	7.86	8.71	4.96	5.46	6.38	43.80	37.81	14.68	164.21
1946	Below Normal	20.48	8.42	8.71	8.71	8.64	15.01	4.96	10.34	13.66	48.63	42.01	18.00	207.57
1947	Dry	20.48	12.39	8.71	8.71	7.86	8.71	4.96	10.50	14.38	44.35	28.83	27.00	196.88
1948	Below Normal	12.08	7.22	6.14	6.64	6.46	5.12	4.96	5.12	4.96	44.54	37.98	4.96	146.18
1949	Dry	10.92	8.62	8.71	8.71	7.86	8.71	6.82	6.27	18.61	44.96	25.66	28.31	184.16
1950	Below Normal	6.86	4.75	6.12	4.61	4.16	4.10	4.96	5.12	4.96	45.74	39.77	16.87	148.02
1951	Above Normal	10.92	8.42	63.81	59.83	50.17	23.57	4.96	8.96	14.34	51.21	41.47	36.15	373.81
1952	Wet	20.48	12.39	8.71	8.71	55.60	36.29	86.23	89.10	44.98	12.09	6.41	40.54	421.53
1953	Wet	20.48	12.39	31.61	89.10	7.86	31.55	22.45	16.83	27.47	48.90	23.24	45.86	377.74
1954	Above Normal	20.48	12.39	30.09	15.23	7.86	34.69	30.86	5.12	23.68	51.21	40.80	39.93	312.34
1955	Dry	18.70	8.42	8.71	8.71	7.86	8.71	8.32	5.58	10.77	42.55	17.18	14.82	160.33
1956	Wet	8.71	8.42	8.71	89.10	54.34	33.64	15.98	55.45	21.63	37.56	21.32	45.98	400.84
1957	Above Normal	20.48	12.39	35.26	8.71	17.97	25.66	4.96	5.12	4.96	49.54	37.56	39.79	262.40
1958	Wet	8.71	11.85	8.71	8.71	80.48	60.98	37.98	53.54	33.06	16.58	8.63	43.94	373.17
1959	Below Normal	20.48	12.39	33.42	8.71	36.47	11.58	9.40	6.05	19.71	50.31	39.82	22.64	270.98
1960	Dry	13.52	12.39	8.40	6.14	5.75	5.12	11.08	7.27	18.24	44.61	30.72	30.15	193.39
1961	Dry	6.80	5.95	7.14	6.14	5.55	5.47	6.07	6.26	12.71	46.51	17.98	3.83	130.41
1962	Below Normal	4.61	4.46	4.61	4.61	4.16	4.10	3.86	15.93	12.88	46.44	38.10	23.63	167.39
1963	Wet	6.14	5.95	6.14	9.41	75.86	42.52	64.88	16.21	10.37	49.90	36.27	48.42	372.07
1964	Dry	20.48	10.51	9.06	8.71	8.14	8.71	6.08	5.12	8.13	43.11	19.39	32.94	180.38
1965	Wet	14.09	8.42	13.93	89.10	22.52	26.94	38.64	17.91	10.85	48.51	30.43	49.56	370.90
1966	Below Normal	20.48	12.39	8.71	8.71	7.86	8.71	4.96	9.26	18.67	51.21	41.08	32.31	224.35
1967	Wet	12.91	8.42	8.71	8.71	7.86	58.36	10.69	47.28	42.11	7.33	6.48	47.47	266.33
1968	Below Normal	20.48	12.39	23.22	12.22	56.46	33.99	9.85	5.94	19.69	51.21	37.52	26.72	309.69
1969	Wet	15.10	8.42	8.71	51.43	57.70	33.06	37.39	65.62	18.51	8.88	11.66	39.79	356.27
1970	Wet	20.45	12.39	69.79	89.10	49.31	21.11	7.35	5.12	12.42	48.29	39.14	34.34	408.81
1971	Wet	20.48	13.93	11.83	11.83	10.68	33.53	19.01	43.97	27.94	48.01	32.86	49.56	323.63
1972	Below Normal	17.60	12.39	8.71	8.71	8.14	10.46	4.96	5.12	14.61	45.65	37.17	27.77	201.29
1973	Above Normal	8.71	8.42	8.71	8.71	43.64	31.31	4.96	13.30	19.52	43.75	26.47	26.28	243.78
1974	Wet	20.48	8.42	42.00	89.10	26.80	89.10	41.84	29.59	21.67	34.94	5.12	43.69	452.75
1975	Wet	20.48	12.39	8.71	8.71	34.69	66.13	4.96	42.85	30.45	41.91	5.12	47.16	323.56
1976	Critical	14.48	12.39	24.50	8.71	8.14	8.71	4.96	5.74	5.58	35.39	17.67	29.94	176.21
1977	Critical	20.38	5.95	6.14	6.14	5.55	5.12	4.71	5.03	12.38	7.59	7.56	7.36	93.91
1978	Above Normal	4.85	4.46	4.61	4.61	4.16	27.52	25.24	5.12	7.81	38.95	32.93	36.11	196.37
1979	Below Normal	20.48	12.39	31.61	6.14	5.55	5.12	4.96	5.12	19.80	43.28	33.08	11.68	199.21
1980	Above Normal	20.48	8.42	8.71	38.68	83.35	27.22	4.96	5.12	4.96	21.05	5.12	18.83	246.90
1981	Dry	20.48	12.39	17.54	8.71	12.23	35.67	4.96	5.12	21.06	43.80	25.60	31.95	239.51
1982	Wet	11.63	5.95	68.84	42.72	80.48	68.63	86.23	40.93	18.60	17.57	5.12	19.66	466.36
1983	Wet	24.09	43.07	56.25	64.97	80.48	89.10	43.38	60.73	57.86	14.65	7.52	25.09	567.19
1984	Wet	25.83	72.10	89.10	28.69	41.20	46.28	4.96	5.12	17.93	51.21	29.18	44.70	456.30
1985	Dry	20.48	8.42	8.71	8.71	7.86	8.71	4.96	14.51	17.28	44.76	18.36	23.42	186.18
1986	Wet	20.48	12.39	8.71	8.71	80.48	89.10	4.96	5.12	7.99	44.56	23.10	43.64	349.24
1987	Dry	20.48	12.39	30.16	8.71	7.86	8.71	4.96	10.93	16.09	25.02	5.12	4.96	155.39
1988	Critical	6.14	5.95	6.14	6.14	6.49	7.65	3.72	8.10	13.07	38.54	6.77	6.35	115.06
1989	Dry	4.61	4.46	4.61	4.61	5.52	4.10	3.72	11.51	18.68	42.54	30.33	28.91	163.60
1990	Critical	10.25	12.39	18.16	4.61	4.16	4.10	6.13	4.06	4.59	41.97	3.84	5.32	119.58
1991	Critical	4.93	4.46	6.55	6.75	4.16	4.10	3.72	3.84	16.95	43.80	6.03	6.65	111.94
1992	Critical	4.61	4.78	4.61	4.61	4.31	4.10	3.72	8.74	15.85	8.38	6.64	9.37	79.72
1993	Above Normal	4.70	4.46	4.10	4.61	4.16	44.88	17.72	39.76	22.12	46.40	39.32	40.30	272.53
1994	Critical	20.48	12.39	20.23	6.14	5.55	5.12	4.96	5.12	6.53	42.19	9.18	9.40	147.29
1995	Wet	10.08	5.96	6.14	6.14	35.63	89.10	63.82	89.10	54.30	12.16	11.52	16.81	400.76
1996	Wet	22.61	21.88	20.15	62.66	83.35	51.95	33.25	53.29	11.75	43.55	17.27	45.90	467.61
1997	Wet	20.48	12.39	77.03	89.10	47.60	27.16	4.96	5.12	10.56	46.49	23.18	46.63	410.70
1998	Wet	20.48	12.39	11.34	8.71	78.90	73.10	14.59	47.08	55.33	12.92	5.94	22.37	363.15
1999	Wet	26.85	41.79	30.87	71.14	76.69	58.12	4.96	5.12	8.50	44.69	14.71	26.36	409.80
2000	Above Normal	20.48	12.39	32.74	8.71	43.24	48.12	4.96	7.76	18.01	51.21	38.14	38.00	323.76
2001	Dry	20.48	12.39	31.31	8.71	7.86	8.71	4.96	10.55	16.88	29.62	5.12	4.96	161.55
2002	Dry	12.44	5.95	6.14	6.14	6.11	5.12	4.96	5.12	7.44	42.09	6.99	26.69	135.19
2003	Above Normal	9.09	9.94	8.71	8.71	7.86	8.71	4.96	24.30	10.27	51.08	37.90	41.37	222.90
	Average	14.95	11.08	18.26	19.64	25.28	27.46	15.05	18.85	17.82	38.24	23.25	27.02	256.90
	Wet	17.57	15.44	26.28	42.90	51.83	54.09	31.89	37.81	25.00	33.47	18.99	41.24	396.50
	Above Normal	13.93	9.34	19.63	15.11	25.19	35.67	11.16	17.56	16.26	45.55	33.99	36.63	280.02
	Below Normal	15.01	9.62	14.29	7.75	14.54	11.19	5.55	6.75	13.89	45.78	37.52	17.93	199.83
	Dry	14.22	8.95	13.84	7.27	7.77	9.24	6.17	8.29	15.42	41.94	21.37	19.71	174.20
	Critical	11.32	8.27	10.74	6.20	6.66	7.88	6.86	9.02	12.00	26.92	7.94	8.13	121.94

Difference in Energy generated (GWh) at Thermalito Dam: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	(0.07)	(0.04)	2.48	0.21
1924	Critical	(0.29)	(0.05)	(0.09)	0.00	0.00	0.04	0.03	0.03	0.02	(2.17)	(0.21)	0.00	(0.22)
1925	Dry	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.64	0.02	(0.33)	0.05	0.03
1926	Dry	0.07	0.05	0.00	0.00	0.00	(0.78)	0.00	(0.13)	0.06	(1.59)	0.63	0.74	(0.08)
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	0.00	0.00
1928	Above Normal	0.00	0.00	(0.01)	0.00	0.00	0.03	0.00	0.00	0.02	0.00	0.02	0.02	0.01
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	(0.25)	(0.02)
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.23	0.00	0.00	0.02
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.27)	0.00	(0.02)
1933	Critical	0.05	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.18	0.00	0.00	0.02
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.17	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01
1935	Below Normal	(0.72)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)
1936	Below Normal	(0.04)	(0.04)	0.00	0.00	0.86	0.00	0.00	0.00	0.00	0.05	0.00	(0.14)	0.06
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.20	0.00	(1.16)	0.00	0.17
1938	Wet	0.00	0.00	0.00	0.00	(1.92)	0.00	0.00	0.00	0.00	1.18	(0.28)	6.01	0.42
1939	Dry	0.00	0.00	(1.37)	0.00	0.00	0.00	0.00	(0.36)	(0.07)	(0.06)	(0.21)	(2.18)	(0.35)
1940	Above Normal	(1.84)	0.00	(0.24)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.01	(0.17)
1941	Wet	0.02	0.00	0.00	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	(0.19)	0.00	(0.02)
1942	Wet	0.00	0.00	0.01	0.00	0.00	0.01	0.01	0.00	0.01	0.00	(0.01)	2.20	0.19
1943	Wet	0.00	0.00	0.00	(2.31)	0.00	0.00	0.00	0.00	0.01	(0.07)	(0.01)	0.00	(0.20)
1944	Dry	0.00	0.01	0.06	0.01	0.01	0.01	0.00	0.00	(0.01)	(0.01)	0.55	0.00	0.05
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	0.00	5.44	0.45
1946	Below Normal	0.00	(3.02)	0.00	0.00	0.68	(3.50)	0.00	(0.01)	0.88	(0.02)	(0.02)	(0.32)	(0.44)
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	(0.15)	(0.41)	(0.05)
1948	Below Normal	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1949	Dry	0.01	0.05	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.18	0.00	0.02
1950	Below Normal	(0.23)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.20)	0.00	0.00	(0.04)
1951	Above Normal	(0.01)	0.00	0.20	0.00	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.05
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.00	1.94	0.17
1953	Wet	0.00	0.00	(1.55)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.02)	(0.13)
1954	Above Normal	0.00	0.00	(0.01)	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1955	Dry	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.96)	(0.07)
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.77	0.00	0.00	0.00	0.00	0.00	0.15	0.08
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.14)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00
1959	Below Normal	0.00	0.00	0.01	0.00	(0.02)	0.05	0.00	0.01	0.02	0.02	0.01	(0.13)	0.00
1960	Dry	(0.09)	0.00	(0.11)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00
1961	Dry	0.42	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.03
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.01	0.00
1963	Wet	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.20	0.04
1964	Dry	0.00	(0.10)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	(0.01)
1965	Wet	0.06	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	(0.02)	0.01	0.00	0.01
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	(0.01)	(0.12)	(0.01)
1967	Wet	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.03
1968	Below Normal	0.00	0.00	0.89	(1.07)	0.00	0.01	0.00	0.00	(0.18)	0.00	0.02	0.01	(0.03)
1969	Wet	(1.62)	0.00	0.00	1.83	0.00	0.00	0.00	0.00	0.00	(0.05)	(0.38)	(0.48)	(0.06)
1970	Wet	0.93	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	0.00	(0.29)	0.05
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	(0.01)	0.00	0.01
1972	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.01	0.03
1973	Above Normal	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00	2.71	0.23
1975	Wet	0.00	0.00	0.00	0.00	(2.59)	(0.01)	0.00	(0.01)	(0.01)	0.00	0.00	(0.01)	(0.22)
1976	Critical	0.22	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.20)	(0.03)	0.00	0.00
1977	Critical	(0.10)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.13	0.01	0.00	0.02	0.04	0.05	0.06	0.03
1979	Below Normal	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.07)	(0.01)	5.14	0.43
1980	Above Normal	6.28	0.00	0.00	(11.59)	0.00	0.00	0.00	0.00	0.00	(6.50)	0.00	13.87	0.17
1981	Dry	0.00	0.00	(0.54)	(1.41)	(4.95)	(0.01)	0.00	0.00	0.00	0.01	0.02	(0.27)	(0.60)
1982	Wet	0.78	0.00	(0.62)	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	0.01
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	(0.22)	(0.29)	0.00	(0.04)
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.36	(5.51)	0.07
1987	Dry	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.86)	0.00	0.00	(0.07)
1988	Critical	0.00	0.00	0.00	0.00	(0.01)	1.27	0.00	(0.01)	0.00	0.04	(0.01)	0.00	0.11
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.52)	(0.08)	(0.05)
1990	Critical	0.16	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	(0.12)	(0.01)	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1994	Critical	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00
1995	Wet	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.07
1996	Wet	(0.78)	(0.76)	(0.68)	1.45	0.00	0.01	0.03	0.00	0.01	0.00	0.00	(0.14)	(0.07)
1997	Wet	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	(0.77)	1.21	0.01	0.15	0.06
1998	Wet	0.00	0.00	0.00	0.00	(0.59)	0.00	0.00	0.04	0.06	0.06	0.07	0.11	(0.02)
1999	Wet	0.11	0.08	0.03	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	(0.71)	(0.04)
2000	Above Normal	0.00	0.00	0.00	0.00	0.71	0.01	0.00	0.00	0.01	0.00	0.01	0.02	0.06
2001	Dry	0.00	0.00	(1.01)	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.39)	0.42	0.00
2003	Above Normal	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.04	(0.05)	(0.06)	(0.16)	(0.09)	(0.01)	0.00	(0.01)	0.05	(0.09)	0.04	0.37	0.00
	Wet	(0.01)	(0.03)	(0.11)	0.04	(0.20)	0.04	0.00	0.00	(0.02)	0.10	0.20	0.28	0.02
	Above Normal	0.37	(0.00)	(0.00)	(0.97)	0.06	0.05	0.00	0.00	0.00	(0.54)	0.01	1.16	0.01
	Below Normal	(0.07)	(0.22)	0.08	(0.08)	0.12	(0.22)	(0.00)	0.00	0.28	(0.02)	(0.09)	0.88	0.06
	Dry	0.03	0.00	(0.16)	(0.08)	(0.27)	(0.04)	(0.00)	(0.03)	0.03	(0.08)	(0.01)	(0.16)	(0.07)
	Critical	0.00	(0.01)	0.01	0.00	(0.00)	0.13	0.00	0.00	0.00	(0.15)	(0.03)	(0.00)	(0.00)

Percent Difference in Energy generated (GWh) at Thermalito Dam: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	19%
1924	Critical	-2%	0%	-1%	0%	0%	0%	0%	0%	0%	-5%	-2%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	4%	0%	-2%	0%
1926	Dry	1%	1%	0%	0%	0%	-9%	0%	-1%	0%	-3%	3%	7%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1933	Critical	1%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%
1935	Below Normal	-11%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	3%	0%	0%	0%	0%	0%	0%	-2%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	10%	0%	-4%	0%
1938	Wet	0%	0%	0%	0%	-3%	0%	0%	0%	0%	7%	-1%	15%
1939	Dry	0%	0%	-9%	0%	0%	0%	0%	-2%	0%	0%	-1%	-7%
1940	Above Normal	-23%	0%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%
1943	Wet	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	59%
1946	Below Normal	0%	-26%	0%	0%	9%	-19%	0%	0%	7%	0%	0%	-2%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1950	Below Normal	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%
1953	Wet	0%	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-6%
1956	Wet	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1960	Dry	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1961	Dry	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1964	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	4%	-8%	0%	0%	0%	0%	-1%	0%	0%	0%
1969	Wet	-10%	0%	0%	4%	0%	0%	0%	0%	0%	-1%	-3%	-1%
1970	Wet	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7%
1975	Wet	0%	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	2%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	79%
1980	Above Normal	44%	0%	0%	-23%	0%	0%	0%	0%	0%	-24%	0%	280%
1981	Dry	0%	0%	-3%	-14%	-29%	0%	0%	0%	0%	0%	0%	-1%
1982	Wet	7%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-4%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	38%	-11%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	20%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1990	Critical	2%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%
1996	Wet	-3%	-3%	-3%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-7%	3%	0%	0%
1998	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	1%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%
2000	Above Normal	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-3%	0%	0%	0%	0%	0%	0%	3%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-5%	2%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	5%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%
	Above Normal	2%	0%	0%	-2%	0%	0%	0%	0%	0%	-2%	0%	23%
	Below Normal	-1%	-2%	0%	-1%	1%	-1%	0%	0%	1%	0%	0%	11%
	Dry	0%	0%	-1%	-1%	-2%	-1%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%

Energy generated (GWh) at Warne: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	55.10	46.04	30.42	9.06	19.94	36.25	42.52	38.46	37.24	39.59	39.92	36.86	431.40
1923	Below Normal	30.96	28.35	23.33	45.07	49.68	52.50	38.14	38.00	36.23	42.53	39.73	33.27	457.79
1924	Critical	24.67	22.65	14.93	13.15	11.95	14.52	19.36	18.46	17.30	20.63	15.64	11.45	204.71
1925	Dry	1.25	0.49	0.14	3.20	6.74	35.34	32.02	40.81	39.20	46.76	42.90	35.02	283.87
1926	Dry	25.56	23.51	14.74	9.27	9.28	18.19	24.16	35.61	33.93	40.40	37.04	30.23	301.92
1927	Wet	21.25	19.40	11.59	6.51	11.27	41.63	46.08	42.47	41.41	44.00	44.38	41.04	371.03
1928	Above Normal	35.31	32.30	26.92	29.86	30.77	23.04	46.44	42.35	41.16	43.90	44.16	40.70	436.91
1929	Critical	34.83	31.83	26.30	26.44	23.61	17.57	16.84	17.09	15.72	18.88	14.36	10.50	253.97
1930	Dry	0.86	0.47	0.18	2.42	7.63	13.37	29.02	28.44	27.18	32.27	27.41	21.46	190.71
1931	Critical	11.33	9.52	4.14	7.90	7.78	12.58	21.52	20.82	19.75	23.84	17.91	13.05	170.14
1932	Dry	2.26	0.81	0.17	5.50	7.52	16.21	31.39	31.03	29.30	34.87	31.43	25.43	215.92
1933	Critical	16.32	14.61	7.92	8.50	8.33	14.45	23.72	24.86	23.97	28.71	22.49	16.81	210.69
1934	Critical	5.77	3.86	0.15	7.34	6.83	13.15	22.67	22.01	21.12	25.36	1.80	1.44	131.50
1935	Below Normal	15.06	16.84	10.24	7.40	8.08	15.14	40.54	40.98	39.45	50.74	46.59	38.01	329.07
1936	Below Normal	28.28	26.03	16.67	9.81	8.84	55.10	38.37	44.12	43.07	45.80	46.19	42.71	404.99
1937	Below Normal	36.97	33.86	28.32	29.34	41.36	55.10	36.39	40.98	39.84	42.44	42.79	39.39	466.78
1938	Wet	33.42	30.76	25.49	36.21	42.82	53.64	32.01	36.92	35.76	38.04	38.33	35.14	438.54
1939	Dry	28.91	26.80	24.30	38.72	49.77	55.10	46.04	39.86	29.11	50.15	46.58	42.67	478.01
1940	Above Normal	33.30	30.61	32.90	8.58	8.14	20.97	40.31	41.36	39.81	49.13	45.11	36.80	387.02
1941	Wet	27.20	25.03	15.96	12.48	19.27	55.10	28.86	34.11	32.66	34.91	35.17	32.21	352.96
1942	Wet	26.01	24.05	19.35	48.95	32.40	55.10	50.73	37.94	36.74	39.13	39.45	36.34	446.19
1943	Wet	30.42	27.91	22.87	31.35	39.14	55.10	47.04	42.40	41.18	43.91	44.33	40.90	466.55
1944	Dry	34.95	32.19	26.80	27.20	24.34	19.69	31.06	30.76	28.96	34.64	30.66	24.56	345.81
1945	Below Normal	15.07	13.25	7.01	10.82	9.29	48.42	38.24	42.37	41.33	43.96	44.29	40.97	355.02
1946	Below Normal	35.22	32.21	45.74	27.87	36.18	45.19	43.29	39.94	38.70	41.19	41.57	38.42	465.52
1947	Dry	32.58	29.83	24.64	30.28	27.40	25.16	44.65	42.73	41.28	46.67	44.71	38.79	428.72
1948	Below Normal	30.99	28.41	20.92	18.19	16.25	14.85	22.67	36.54	1.56	51.49	47.23	38.57	327.67
1949	Dry	28.82	26.49	16.99	11.66	9.70	16.69	44.78	42.41	41.15	46.14	44.41	38.85	368.09
1950	Below Normal	31.32	28.70	21.50	11.41	10.08	14.38	37.23	37.08	1.52	50.29	46.09	37.62	327.22
1951	Above Normal	27.95	25.70	27.34	43.54	49.77	55.10	35.09	41.12	40.00	42.43	42.84	39.62	470.50
1952	Wet	33.80	30.96	25.67	40.36	42.51	38.92	34.72	31.94	30.30	32.54	32.80	29.90	404.42
1953	Wet	23.55	21.86	36.22	34.84	31.58	55.10	53.33	37.68	35.69	39.83	38.71	34.31	442.70
1954	Above Normal	27.28	24.95	18.78	23.86	23.08	33.19	40.55	40.69	38.89	46.91	43.66	35.68	397.52
1955	Dry	26.15	24.07	15.13	8.64	8.79	19.19	34.83	34.72	32.84	39.21	36.10	29.47	309.14
1956	Wet	20.56	18.75	11.15	36.11	51.55	55.10	40.23	44.40	43.42	46.09	46.51	43.02	456.89
1957	Above Normal	37.18	34.19	28.61	32.38	31.67	30.06	34.53	34.22	1.69	48.39	44.38	36.25	393.55
1958	Wet	26.69	24.51	15.50	3.72	23.58	48.96	38.78	43.27	42.17	44.87	45.36	41.72	399.13
1959	Below Normal	35.74	33.00	27.54	38.49	36.72	53.90	39.02	38.85	34.56	49.09	44.96	36.68	468.55
1960	Dry	27.14	24.92	15.81	8.95	8.08	14.48	43.24	43.18	41.84	52.38	48.33	44.04	372.39
1961	Dry	34.26	31.53	21.34	10.87	10.34	14.05	36.99	36.78	35.22	41.92	38.47	33.50	345.27
1962	Below Normal	9.23	42.42	17.67	7.63	6.80	19.41	37.46	37.59	1.58	51.10	46.90	38.30	316.09
1963	Wet	28.53	26.28	16.87	19.05	24.09	39.12	42.63	39.59	38.32	40.72	41.16	38.07	394.43
1964	Dry	32.25	29.49	43.18	20.97	26.31	28.61	45.73	41.33	40.23	42.76	43.16	39.89	433.91
1965	Wet	34.17	31.21	25.96	37.40	41.66	39.49	42.02	38.26	36.84	39.99	39.98	36.47	443.45
1966	Below Normal	30.37	27.71	22.24	37.90	41.96	38.60	38.92	38.69	37.00	44.35	41.11	33.93	432.78
1967	Wet	24.91	22.89	14.63	7.11	25.22	39.96	44.96	41.18	39.99	42.66	43.04	39.66	386.21
1968	Below Normal	33.74	31.00	29.99	43.67	34.84	55.10	44.83	37.65	36.23	41.27	39.21	33.73	461.26
1969	Wet	25.89	23.71	16.72	38.34	48.28	55.10	32.45	37.35	36.04	38.46	38.79	35.54	426.67
1970	Wet	35.02	21.42	22.19	34.56	39.53	55.10	39.76	41.12	40.01	42.51	42.82	39.57	453.61
1971	Wet	33.78	30.91	25.66	45.21	34.90	41.88	37.53	38.13	36.46	43.72	40.12	32.74	441.04
1972	Below Normal	23.44	21.56	13.18	4.35	19.14	35.64	40.43	39.81	38.27	44.76	41.71	34.82	357.11
1973	Above Normal	26.06	23.95	15.83	8.51	28.91	51.51	36.84	42.55	41.53	43.95	44.35	41.00	404.99
1974	Wet	35.25	32.26	26.90	44.80	49.77	55.10	45.54	40.70	39.67	42.06	42.43	39.14	493.62
1975	Wet	33.21	30.50	25.23	34.47	33.05	53.26	46.04	41.82	40.78	43.20	43.59	40.35	465.50
1976	Critical	34.55	31.59	26.28	29.77	27.90	24.70	38.56	38.73	28.78	49.32	45.15	40.81	416.14
1977	Critical	30.97	28.39	18.49	9.00	8.15	11.77	16.91	4.17	1.79	1.92	1.81	1.45	134.82
1978	Above Normal	0.56	1.01	0.28	7.11	7.45	33.70	41.79	38.29	37.08	39.36	39.70	36.62	282.95
1979	Below Normal	30.85	28.11	23.09	29.34	41.16	55.10	35.33	39.90	38.78	41.10	41.45	38.28	442.49
1980	Above Normal	32.40	29.66	24.57	31.98	47.76	55.10	31.69	36.58	35.27	37.73	38.03	34.82	435.59
1981	Dry	28.62	26.50	21.57	35.44	34.73	36.32	37.77	38.38	5.27	51.53	47.19	39.79	403.11
1982	Wet	29.96	27.51	17.82	17.58	22.73	55.10	39.59	38.46	40.21	42.79	43.13	39.64	414.52
1983	Wet	39.30	36.75	55.10	29.84	49.77	55.10	27.09	26.92	34.92	32.06	21.86	27.73	436.44
1984	Wet	27.01	25.52	55.10	34.66	51.55	55.10	35.54	41.75	40.52	43.19	43.56	40.30	493.80
1985	Dry	34.46	31.59	45.16	25.24	32.42	46.47	42.98	39.64	38.60	40.91	41.24	38.11	456.82
1986	Wet	32.34	29.56	24.36	27.35	24.68	55.10	37.44	41.28	40.23	42.70	43.18	39.67	437.89
1987	Dry	33.66	31.08	25.73	33.63	31.46	21.80	23.24	22.69	21.97	26.09	19.74	14.42	305.51
1988	Critical	3.07	1.22	0.16	5.16	7.57	11.52	17.36	16.18	14.77	17.81	13.50	9.92	118.24
1989	Dry	0.61	0.46	0.16	1.58	7.05	11.68	42.00	42.72	41.07	51.96	47.66	40.22	287.17
1990	Critical	30.33	27.92	18.05	9.18	8.65	13.28	20.93	20.08	19.12	22.91	17.27	12.63	220.35
1991	Critical	1.99	0.51	0.11	4.15	6.60	11.22	17.52	16.47	15.33	20.74	15.56	11.39	121.59
1992	Critical	1.28	0.46	0.17	3.17	6.58	11.43	17.43	16.29	14.80	1.82	1.80	18.86	94.09
1993	Above Normal	10.02	0.58	11.93	7.19	20.23	34.97	41.58	39.29	37.84	44.75	43.27	37.96	329.61
1994	Critical	30.60	27.99	21.03	22.39	19.38	22.93	35.48	35.22	33.44	41.47	17.09	38.67	345.69
1995	Wet	11.99	44.12	36.60	7.55	16.91	29.34	47.55	43.24	42.18	44.87	45.37	41.84	411.56
1996	Wet	35.95	33.07	27.63	38.85	42.10	48.48	46.37	41.93	40.83	43.39	43.79	40.46	482.85
1997	Wet	34.66	31.76	26.45	39.86	46.63	55.10	38.32	38.36	37.02	39.38	39.78	36.64	463.96
1998	Wet	30.61	28.18	23.10	34.20	48.13	52.40	40.77	37.47	36.21	38.77	39.16	35.86	444.86
1999	Wet	33.94	34.59	29.83	34.11	48.08	55.10	44.34	41.18	39.98	42.68	43.13	39.85	486.81
2000	Above Normal	34.03	31.18	25.84	31.34	31.62	33.70	41.84	41.43	39.80	46.82	43.72	36.52	437.84
2001	Dry	27.64	25.44	17.06	12.56	11.31	14.56	23.31	22.91	22.18	26.78	20.19	14.71	238.65
2002	Dry	3.17	1.37	0.12	0.09	7.37	19.80	47.01	42.52	41.37	44.14	44.60	41.25	292.81
2003	Above Normal	35.50	32.47	38.13	4.31	9.55	20.33	35.61	35.44	1.35	48.05	44.15	36.02	340.91
	Average	26.10	24.45	20.66	21.55	25.29	35.25	36.44	35.99	32.15	39.76	37.31	33.31	368.25
	Wet	29.59	28.21	25.15	29.83	36.20	49.94	40.76	39.23	38.44	41.02	40.77	37.62	436.76
	Above Normal	29.56	26.05	23.46	19.81	25.74	35.66	39.07	39.32	32.64	44.25	42.77	37.40	395.73
	Below Normal	27.66	27.96	21.96	22.95	25.74	39.89	37.92	39.46	30.58	45.72	43.56	37.48	400.88
	Dry	22.40	20.39	17.40	15.90	17.79	23.71	36.68	36.47	32.82	41.64	38.43	32.91	336.55
	Critical	18.81	16.71	11.48	12.18	11.94	14.93	22.36	20.87	18.82	22.78	15.37	15.58	201.83

Energy generated (GWh) at Warne: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	55.10	46.04	30.42	9.06	19.94	36.25	42.52	38.46	37.24	39.59	39.92	36.86	431.40
1923	Below Normal	30.96	28.35	23.34	36.99	49.67	52.39	38.13	38.01	36.24	42.57	39.75	33.27	449.67
1924	Critical	24.65	22.63	14.89	12.89	11.79	14.36	19.09	18.16	16.96	20.23	15.34	11.24	202.23
1925	Dry	1.12	0.48	0.14	3.01	6.70	31.93	32.14	40.94	39.32	46.91	43.03	35.14	280.86
1926	Dry	25.66	23.61	14.81	9.28	9.26	18.13	24.03	35.52	33.83	40.28	36.93	30.14	301.48
1927	Wet	21.17	19.32	11.53	6.56	11.13	41.63	46.14	42.53	41.46	44.05	44.44	41.10	371.06
1928	Above Normal	35.36	32.35	26.97	29.90	30.79	23.03	46.42	42.35	41.16	43.93	44.18	40.68	437.12
1929	Critical	34.79	31.80	26.24	26.36	23.54	17.54	16.85	17.09	15.71	18.87	14.35	10.50	253.64
1930	Dry	0.84	0.47	0.18	2.39	7.63	13.37	29.01	28.44	27.17	32.27	27.41	21.45	190.63
1931	Critical	11.33	9.52	4.13	7.89	7.79	12.59	21.54	20.85	19.78	23.88	17.94	13.07	170.31
1932	Dry	2.22	0.73	0.17	5.43	7.51	16.25	31.48	31.12	29.38	34.98	31.58	25.58	216.43
1933	Critical	16.50	14.80	8.05	8.52	8.34	14.37	23.48	24.59	23.74	28.46	22.15	16.49	209.49
1934	Critical	5.38	3.47	0.15	7.00	6.80	13.18	22.75	22.10	21.22	25.48	2.22	1.44	131.19
1935	Below Normal	15.10	17.63	10.95	7.40	8.08	15.15	40.34	40.76	39.23	50.58	46.44	37.89	329.55
1936	Below Normal	28.17	25.93	16.59	9.88	8.89	55.10	38.35	44.10	43.06	45.78	46.17	42.69	404.71
1937	Below Normal	36.95	33.85	28.31	29.34	41.11	55.10	35.66	40.30	39.14	41.70	42.04	38.68	462.18
1938	Wet	32.69	30.10	24.88	46.32	45.03	55.10	34.37	36.47	35.30	37.55	37.84	34.67	450.32
1939	Dry	28.43	26.36	23.90	38.63	48.66	55.10	41.69	40.85	39.29	50.22	46.81	43.06	483.00
1940	Above Normal	33.86	31.12	37.46	7.73	7.39	20.65	40.29	41.35	39.80	49.12	45.11	36.80	390.68
1941	Wet	27.20	25.03	15.96	12.49	19.27	55.10	28.86	34.11	32.66	34.91	35.17	32.21	352.97
1942	Wet	26.01	24.05	19.35	48.95	32.16	55.10	50.63	37.89	36.69	39.08	39.40	36.31	445.62
1943	Wet	30.39	27.87	22.83	30.49	36.59	55.10	48.25	42.51	41.28	44.02	44.43	41.01	464.77
1944	Dry	35.08	32.29	26.90	25.47	22.79	19.23	30.88	30.58	28.80	34.43	30.38	24.30	341.13
1945	Below Normal	14.75	12.93	6.77	10.73	9.25	47.89	38.31	42.43	41.40	44.03	44.36	41.03	353.88
1946	Below Normal	35.28	32.26	45.79	27.87	36.18	45.34	43.46	40.10	38.87	41.37	41.76	38.59	466.87
1947	Dry	32.75	29.99	24.79	30.49	27.42	24.99	44.58	42.75	41.29	46.79	44.74	38.71	429.29
1948	Below Normal	30.84	28.27	20.71	17.83	15.92	14.73	22.69	36.64	1.56	51.47	47.22	38.56	326.44
1949	Dry	28.81	26.48	16.98	11.63	9.72	16.64	44.77	42.42	41.16	46.18	44.42	38.84	368.05
1950	Below Normal	31.29	28.67	21.45	11.18	9.88	14.32	37.22	37.08	1.52	50.28	46.08	37.61	326.58
1951	Above Normal	27.94	25.69	26.39	43.54	39.28	55.10	35.09	41.12	40.00	42.43	42.84	39.62	459.04
1952	Wet	33.80	30.96	25.67	41.20	42.51	38.92	34.72	31.45	29.77	31.95	32.20	29.45	402.60
1953	Wet	23.23	21.41	35.84	30.99	38.76	55.10	44.19	37.19	35.70	39.50	38.65	34.56	435.12
1954	Above Normal	27.77	25.38	19.47	25.01	24.50	34.86	40.77	40.95	39.16	46.91	43.74	35.75	404.27
1955	Dry	26.21	24.13	15.17	8.82	8.78	19.14	34.59	34.47	32.57	38.89	35.82	29.24	307.83
1956	Wet	20.34	18.55	10.99	35.79	51.55	55.10	40.26	44.43	43.45	46.12	46.54	43.05	456.17
1957	Above Normal	37.21	34.22	28.63	34.56	31.64	30.04	34.55	34.23	1.69	48.39	44.38	36.25	395.79
1958	Wet	26.69	24.51	15.49	3.72	23.58	48.96	38.78	43.27	42.17	44.87	45.36	41.72	399.12
1959	Below Normal	35.74	33.00	27.54	38.64	36.89	51.86	38.21	37.98	18.79	49.57	45.37	37.01	450.60
1960	Dry	27.46	25.19	16.02	8.89	8.03	14.56	43.34	43.18	41.85	52.26	48.31	43.64	372.73
1961	Dry	33.99	31.28	21.26	11.26	10.69	14.19	37.06	36.86	35.30	42.02	38.55	33.46	345.92
1962	Below Normal	8.25	42.64	17.96	7.63	6.80	19.41	37.46	37.59	1.58	51.10	46.90	38.31	315.63
1963	Wet	28.53	26.28	16.87	19.05	24.09	39.12	42.63	39.59	38.32	40.72	41.16	38.07	394.43
1964	Dry	32.25	29.49	43.18	20.96	26.24	28.81	45.71	41.31	40.21	42.74	43.14	39.87	433.91
1965	Wet	34.15	31.19	25.95	37.52	41.69	39.04	42.03	38.32	36.89	40.24	40.18	36.62	443.82
1966	Below Normal	30.49	27.82	22.30	37.70	41.75	38.48	38.92	38.70	37.01	44.37	41.13	33.94	432.61
1967	Wet	24.91	22.89	14.63	7.04	25.20	39.95	44.96	41.17	39.98	42.65	43.03	39.65	386.06
1968	Below Normal	33.73	30.99	25.66	47.51	34.92	55.10	44.64	37.78	36.31	41.98	39.42	33.37	461.41
1969	Wet	25.07	23.00	15.57	23.35	42.85	55.10	32.20	37.11	35.80	38.20	38.52	35.29	402.06
1970	Wet	34.76	21.18	21.97	48.19	38.55	55.10	38.55	41.19	40.09	42.58	42.90	39.64	464.70
1971	Wet	33.86	30.98	25.72	45.22	47.84	41.71	37.46	38.05	36.37	43.77	40.17	32.78	453.93
1972	Below Normal	23.48	21.59	13.21	4.43	19.21	35.66	40.42	39.80	38.26	44.73	41.69	34.81	357.29
1973	Above Normal	26.06	23.94	15.84	8.55	28.94	51.53	36.84	42.56	41.54	43.96	44.36	41.01	405.13
1974	Wet	35.26	32.26	26.91	36.48	45.06	55.10	48.03	40.59	39.54	41.92	42.29	39.04	482.48
1975	Wet	33.14	30.40	25.14	34.90	34.52	51.29	46.52	42.28	41.25	43.69	44.10	40.81	468.04
1976	Critical	35.02	32.04	26.68	30.12	28.02	24.64	38.33	38.49	28.78	48.96	44.82	40.44	416.34
1977	Critical	30.63	28.08	18.25	8.99	8.14	11.76	16.91	4.17	1.79	1.92	1.81	1.45	133.90
1978	Above Normal	0.56	1.01	0.28	7.11	7.45	32.58	41.51	38.89	37.58	41.08	40.44	36.28	284.77
1979	Below Normal	29.70	27.09	21.16	24.95	22.85	44.85	44.51	40.38	39.28	41.62	41.98	38.79	417.16
1980	Above Normal	32.94	30.13	25.01	29.11	42.50	55.10	30.67	35.64	34.28	36.66	36.96	33.89	422.89
1981	Dry	27.77	25.60	20.77	34.36	32.29	39.38	38.50	39.24	21.00	51.04	46.76	39.97	416.68
1982	Wet	30.10	27.67	17.94	17.60	22.78	55.10	39.60	38.46	40.22	42.79	43.14	39.64	415.04
1983	Wet	33.58	42.49	55.10	29.84	49.77	55.10	27.09	26.92	34.92	32.06	21.86	27.73	436.46
1984	Wet	27.01	25.52	55.10	34.66	51.55	55.10	35.54	41.75	40.53	43.19	43.56	40.30	493.81
1985	Dry	34.46	31.59	45.16	25.24	32.42	46.47	42.98	39.64	38.60	40.91	41.24	38.11	456.82
1986	Wet	32.34	29.56	24.36	27.35	24.68	49.40	43.15	41.29	40.24	42.71	43.19	39.67	437.94
1987	Dry	33.67	31.08	25.74	33.64	31.47	21.80	22.62	22.00	21.21	25.18	19.07	13.93	301.41
1988	Critical	2.78	0.98	0.16	4.97	7.56	11.52	17.36	16.18	14.77	17.81	13.50	9.92	117.51
1989	Dry	0.61	0.46	0.16	1.57	7.04	11.67	41.96	42.68	41.03	51.96	47.66	40.65	287.45
1990	Critical	30.73	28.29	18.33	9.18	8.65	13.28	20.93	20.08	19.12	22.92	17.27	12.64	221.42
1991	Critical	1.99	0.51	0.11	4.15	6.60	11.22	17.51	16.46	15.40	20.85	15.64	11.44	121.88
1992	Critical	1.31	0.46	0.17	3.57	6.58	11.43	17.43	16.29	14.79	1.82	1.80	18.86	94.51
1993	Above Normal	10.01	0.58	12.04	7.19	20.21	34.84	41.57	39.31	37.86	44.99	43.48	38.11	330.19
1994	Critical	30.72	28.11	21.09	22.26	19.28	22.89	35.48	35.22	33.44	41.46	17.09	38.66	345.70
1995	Wet	5.14	47.33	36.58	7.55	16.91	29.33	47.55	43.24	42.19	44.87	45.37	41.84	407.90
1996	Wet	35.95	33.07	27.63	24.05	29.71	41.45	45.58	41.16	40.03	42.54	42.93	39.67	443.77
1997	Wet	33.88	31.01	25.77	43.21	35.54	55.10	38.97	38.46	37.13	39.49	39.89	36.75	455.20
1998	Wet	30.72	28.28	23.19	34.38	42.80	55.10	40.75	36.95	35.64	38.14	38.53	35.37	439.85
1999	Wet	34.99	32.71	29.42	30.27	40.29	55.10	39.69	41.23	40.04	42.74	43.19	39.91	469.58
2000	Above Normal	34.09	31.24	25.89	31.44	31.77	33.18	41.70	41.46	39.82	47.05	43.78	36.39	437.81
2001	Dry	27.36	25.19	16.67	11.79	10.62	14.40	23.45	23.07	22.36	26.99	20.34	14.82	237.06
2002	Dry	3.23	1.42	0.12	0.09	7.43	19.78	46.88	42.39	41.24	44.00	44.47	41.12	292.17
2003	Above Normal	35.37	32.35	37.87	4.68	9.89	20.45	35.61	35.44	1.35	48.05	44.14	36.02	341.22
	Average	25.90	24.50	20.59	21.17	24.49	34.94	36.41	35.95	32.23	39.74	37.27	33.26	366.45
	Wet	29.04	28.37	25.02	29.12	35.17	49.51	40.63	39.14	38.37	40.94	40.69	37.57	433.57
	Above Normal	29.69	26.17	23.86	19.82	24.53	35.63	38.96	39.31	32.62	44.35	42.78	37.31	395.03
	Below Normal	27.48	27.93	21.55	22.29	24.39	38.96	38.45	39.40	29.45	45.80	43.59	37.47	396.76
	Dry	22.33	20.32	17.34	15.72	17.48	23.66	36.43	36.53	34.20	41.56	38.37	32.89	336.83
	Critical	18.82	16.72	11.52	12.16	11.92	14.90	22.31	20.81	18.79	22.72	15.33	15.51	201.51

Difference in Energy generated (GWh) at Warne: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.01	(8.08)	(0.01)	(0.11)	(0.01)	0.01	0.01	0.04	0.02	0.00	(0.68)
1924	Critical	(0.02)	(0.02)	(0.04)	(0.26)	(0.16)	(0.16)	(0.27)	(0.30)	(0.34)	(0.40)	(0.30)	(0.21)	(0.21)
1925	Dry	(0.13)	(0.01)	0.00	(0.19)	(0.04)	(3.41)	0.12	0.13	0.12	0.15	0.13	0.12	(0.25)
1926	Dry	0.10	0.10	0.07	0.01	(0.02)	(0.06)	(0.13)	(0.09)	(0.10)	(0.12)	(0.11)	(0.09)	(0.04)
1927	Wet	(0.08)	(0.08)	(0.06)	0.05	(0.14)	0.00	0.06	0.06	0.05	0.05	0.06	0.06	0.00
1928	Above Normal	0.05	0.05	0.05	0.04	0.02	(0.01)	(0.02)	0.00	0.00	0.03	0.02	(0.02)	0.02
1929	Critical	(0.04)	(0.03)	(0.06)	(0.08)	(0.07)	(0.03)	0.01	0.00	(0.01)	(0.01)	(0.01)	0.00	(0.03)
1930	Dry	(0.02)	0.00	0.00	(0.03)	0.00	0.00	(0.01)	0.00	(0.01)	0.00	0.00	(0.01)	(0.01)
1931	Critical	0.00	0.00	(0.01)	(0.01)	0.01	0.01	0.02	0.03	0.03	0.04	0.03	0.02	0.01
1932	Dry	(0.04)	(0.08)	0.00	(0.07)	(0.01)	0.04	0.09	0.09	0.08	0.11	0.15	0.15	0.04
1933	Critical	0.18	0.19	0.13	0.02	0.01	(0.08)	(0.24)	(0.27)	(0.23)	(0.25)	(0.34)	(0.32)	(0.10)
1934	Critical	(0.39)	(0.39)	0.00	(0.34)	(0.03)	0.03	0.08	0.09	0.10	0.12	0.42	0.00	(0.03)
1935	Below Normal	0.04	0.79	0.71	0.00	0.00	0.01	(0.20)	(0.22)	(0.22)	(0.16)	(0.15)	(0.12)	0.04
1936	Below Normal	(0.11)	(0.10)	(0.08)	0.07	0.05	0.00	(0.02)	(0.02)	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)
1937	Below Normal	(0.02)	(0.01)	(0.01)	0.00	(0.25)	0.00	(0.73)	(0.68)	(0.70)	(0.74)	(0.75)	(0.71)	(0.38)
1938	Wet	(0.73)	(0.66)	(0.61)	10.11	2.21	1.46	2.36	(0.45)	(0.46)	(0.49)	(0.49)	(0.47)	0.98
1939	Dry	(0.48)	(0.44)	(0.40)	(0.09)	(1.11)	0.00	(4.35)	0.99	10.18	0.07	0.23	0.39	0.42
1940	Above Normal	0.56	0.51	4.56	(0.85)	(0.75)	(0.32)	(0.02)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.30
1941	Wet	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	(0.24)	0.00	(0.10)	(0.05)	(0.05)	(0.05)	(0.05)	(0.03)	(0.05)
1943	Wet	(0.03)	(0.04)	(0.04)	(0.86)	(2.55)	0.00	1.21	0.11	0.10	0.11	0.10	0.11	(0.15)
1944	Dry	0.13	0.10	0.10	(1.73)	(1.55)	(0.46)	(0.18)	(0.18)	(0.16)	(0.21)	(0.28)	(0.26)	(0.39)
1945	Below Normal	(0.32)	(0.32)	(0.24)	(0.09)	(0.04)	(0.53)	0.07	0.06	0.07	0.07	0.07	0.06	(0.09)
1946	Below Normal	0.06	0.05	0.05	0.00	0.00	0.15	0.17	0.16	0.17	0.18	0.19	0.17	0.11
1947	Dry	0.17	0.16	0.15	0.21	0.02	(0.17)	(0.07)	0.02	0.01	0.12	0.03	(0.08)	0.05
1948	Below Normal	(0.15)	(0.14)	(0.21)	(0.36)	(0.33)	(0.12)	0.02	0.10	0.00	(0.02)	(0.01)	(0.01)	(0.10)
1949	Dry	(0.01)	(0.01)	(0.01)	(0.03)	0.02	(0.05)	(0.01)	0.01	0.01	0.04	0.01	(0.01)	0.00
1950	Below Normal	(0.03)	(0.03)	(0.05)	(0.23)	(0.20)	(0.06)	(0.01)	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.05)
1951	Above Normal	(0.01)	(0.01)	(0.95)	0.00	(10.49)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.96)
1952	Wet	0.00	0.00	0.00	0.84	0.00	0.00	0.00	(0.49)	(0.53)	(0.59)	(0.60)	(0.45)	(0.15)
1953	Wet	(0.32)	(0.45)	(0.38)	(3.85)	7.18	0.00	(9.14)	(0.49)	0.01	(0.33)	(0.06)	0.25	(0.63)
1954	Above Normal	0.49	0.43	0.69	1.15	1.42	1.67	0.22	0.26	0.27	0.00	0.08	0.07	0.56
1955	Dry	0.06	0.06	0.04	0.18	(0.01)	(0.05)	(0.24)	(0.25)	(0.27)	(0.32)	(0.28)	(0.23)	(0.11)
1956	Wet	(0.22)	(0.20)	(0.16)	(0.32)	0.00	0.00	0.03	0.03	0.03	0.03	0.03	0.03	(0.06)
1957	Above Normal	0.03	0.03	0.02	2.18	(0.03)	(0.02)	0.02	0.01	0.00	0.00	0.00	0.00	0.19
1958	Wet	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.15	0.17	(2.04)	(0.81)	(0.87)	(15.77)	0.48	0.41	0.33	(1.50)
1960	Dry	0.32	0.27	0.21	(0.06)	(0.05)	0.08	0.10	0.00	0.01	(0.12)	(0.02)	(0.40)	0.03
1961	Dry	(0.27)	(0.25)	(0.08)	0.39	0.35	0.14	0.07	0.08	0.08	0.10	0.08	(0.04)	0.05
1962	Below Normal	(0.98)	0.22	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.04)
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	(0.01)	(0.07)	0.20	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	0.00
1965	Wet	(0.02)	(0.02)	(0.01)	0.12	0.03	(0.45)	0.01	0.06	0.05	0.25	0.20	0.15	0.03
1966	Below Normal	0.12	0.11	0.06	(0.20)	(0.21)	(0.12)	0.00	0.01	0.01	0.02	0.02	0.01	(0.01)
1967	Wet	0.00	0.00	0.00	(0.07)	(0.02)	(0.01)	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
1968	Below Normal	(0.01)	(0.01)	(4.33)	3.84	0.08	0.00	(0.19)	0.13	0.08	0.71	0.21	(0.36)	0.01
1969	Wet	(0.82)	(0.71)	(1.15)	(14.99)	(5.43)	0.00	(0.25)	(0.24)	(0.24)	(0.26)	(0.27)	(0.25)	(2.05)
1970	Wet	(0.26)	(0.24)	(0.22)	13.63	(0.98)	0.00	(1.21)	0.07	0.08	0.07	0.08	0.07	0.92
1971	Wet	0.08	0.07	0.06	0.01	12.94	(0.17)	(0.07)	(0.08)	(0.09)	0.05	0.05	0.04	1.07
1972	Below Normal	0.04	0.03	0.03	0.08	0.07	0.02	(0.01)	(0.01)	(0.01)	(0.03)	(0.02)	(0.01)	0.01
1973	Above Normal	0.00	(0.01)	0.01	0.04	0.03	0.02	0.00	0.01	0.01	0.01	0.01	0.01	0.01
1974	Wet	0.01	0.00	0.01	(8.32)	(4.71)	0.00	2.49	(0.11)	(0.13)	(0.14)	(0.14)	(0.10)	(0.93)
1975	Wet	(0.07)	(0.10)	(0.09)	0.43	1.47	(1.97)	0.48	0.46	0.47	0.49	0.51	0.46	0.21
1976	Critical	0.47	0.45	0.40	0.35	0.12	(0.06)	(0.23)	(0.24)	0.00	(0.36)	(0.33)	(0.37)	0.02
1977	Critical	(0.34)	(0.31)	(0.24)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	(1.12)	(0.28)	0.60	0.50	1.72	0.74	(0.34)	0.15
1979	Below Normal	(1.15)	(1.02)	(1.93)	(4.39)	(18.31)	(10.25)	9.18	0.48	0.50	0.52	0.53	0.51	(2.11)
1980	Above Normal	0.54	0.47	0.44	(2.87)	(5.26)	0.00	(1.02)	(0.94)	(0.99)	(1.07)	(1.07)	(0.93)	(1.06)
1981	Dry	(0.85)	(0.90)	(0.80)	(1.08)	(2.44)	3.06	0.73	0.86	15.73	(0.49)	(0.43)	0.18	1.13
1982	Wet	0.14	0.16	0.12	0.02	0.05	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.04
1983	Wet	(5.72)	5.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(5.70)	5.71	0.01	0.01	0.01	0.01	0.00	0.00
1987	Dry	0.01	0.00	0.01	0.01	0.01	0.00	(0.62)	(0.69)	(0.76)	(0.91)	(0.67)	(0.49)	(0.34)
1988	Critical	(0.29)	(0.24)	0.00	(0.19)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)
1989	Dry	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.04)	(0.04)	(0.04)	0.00	0.00	0.43	0.02
1990	Critical	0.40	0.37	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.09
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.07	0.11	0.08	0.05	0.02
1992	Critical	0.03	0.00	0.00	0.40	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.03
1993	Above Normal	(0.01)	0.00	0.11	0.00	(0.02)	(0.13)	(0.01)	0.02	0.02	0.24	0.21	0.15	0.05
1994	Critical	0.12	0.12	0.06	(0.13)	(0.10)	(0.04)	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00
1995	Wet	(6.85)	3.21	(0.02)	0.00	0.00	(0.01)	0.00	0.00	0.01	0.00	0.00	0.00	(0.31)
1996	Wet	0.00	0.00	0.00	(14.80)	(12.39)	(7.03)	(0.79)	(0.77)	(0.80)	(0.85)	(0.86)	(0.79)	(3.26)
1997	Wet	(0.78)	(0.75)	(0.68)	3.35	(11.09)	0.00	0.65	0.10	0.11	0.11	0.11	0.11	(0.73)
1998	Wet	0.11	0.10	0.09	0.18	(5.33)	2.70	(0.02)	(0.52)	(0.57)	(0.63)	(0.63)	(0.49)	(0.42)
1999	Wet	1.05	(1.88)	(0.41)	(3.84)	(7.79)	0.00	(4.65)	0.05	0.06	0.06	0.06	0.06	(1.44)
2000	Above Normal	0.06	0.06	0.05	0.10	0.15	(0.52)	(0.14)	0.03	0.02	0.23	0.06	(0.13)	0.00
2001	Dry	(0.28)	(0.25)	(0.39)	(0.77)	(0.69)	(0.16)	0.14	0.16	0.18	0.21	0.15	0.11	(0.13)
2002	Dry	0.06	0.05	0.00	0.00	0.06	(0.02)	(0.13)	(0.13)	(0.13)	(0.14)	(0.13)	(0.13)	(0.05)
2003	Above Normal	(0.13)	(0.12)	(0.26)	0.37	0.34	0.12	0.00	0.00	0.00	0.00	(0.01)	0.00	0.03
	Average	(0.20)	0.05	(0.06)	(0.38)	(0.81)	(0.31)	(0.03)	(0.04)	0.08	(0.03)	(0.04)	(0.05)	(0.15)
	Wet	(0.56)	0.16	(0.14)	(0.70)	(1.03)	(0.43)	(0.12)	(0.09)	(0.07)	(0.08)	(0.07)	(0.05)	(0.27)
	Above Normal	0.13	0.12	0.39	0.01	(1.22)	(0.03)	(0.10)	(0.00)	(0.02)	0.10	0.00	(0.10)	(0.06)
	Below Normal	(0.18)	(0.03)	(0.41)	(0.66)	(1.36)	(0.93)	0.53	(0.06)	(1.13)	0.07	0.03	(0.01)	(0.34)
	Dry	(0.07)	(0.07)	(0.06)	(0.18)	(0.31)	(0.05)	(0.25)	0.05	1.38	(0.09)	(0.06)	(0.02)	0.02
	Critical	0.01	0.01	0.04	(0.02)	(0.02)	(0.03)	(0.05)	(0.06)	(0.03)	(0.06)	(0.04)	(0.07)	(0.03)

Percent Difference in Energy generated (GWh) at Warne: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	-18%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	-2%	-1%	-1%	-1%	-2%	-2%	-2%	-2%	-2%
1925	Dry	-10%	-2%	0%	-6%	-1%	-10%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	-1%	1%	-1%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	-2%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	-2%	-10%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	1%
1933	Critical	1%	1%	2%	0%	0%	-1%	-1%	-1%	-1%	-1%	-2%	-2%
1934	Critical	-7%	-10%	0%	-5%	0%	0%	0%	0%	0%	0%	23%	0%
1935	Below Normal	0%	5%	7%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%
1936	Below Normal	0%	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	-1%	0%	-2%	-2%	-2%	-2%	-2%	-2%
1938	Wet	-2%	-2%	-2%	28%	5%	3%	7%	-1%	-1%	-1%	-1%	-1%
1939	Dry	-2%	-2%	-2%	0%	-2%	0%	-9%	2%	35%	0%	0%	1%
1940	Above Normal	2%	2%	14%	-10%	-9%	-2%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-3%	-7%	0%	3%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	-6%	-6%	-2%	-1%	-1%	-1%	-1%	-1%	-1%
1945	Below Normal	-2%	-2%	-3%	-1%	0%	-1%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	1%	1%	1%	1%	0%	-1%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	-1%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-3%	0%	-21%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	2%	0%	0%	0%	-2%	-2%	-2%	-2%	-2%
1953	Wet	-1%	-2%	-1%	-11%	23%	0%	-17%	-1%	0%	-1%	0%	1%
1954	Above Normal	2%	2%	4%	5%	6%	5%	1%	1%	1%	0%	0%	0%
1955	Dry	0%	0%	0%	2%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	7%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-4%	-2%	-2%	-46%	1%	1%	1%
1960	Dry	1%	1%	1%	-1%	-1%	1%	0%	0%	0%	0%	0%	-1%
1961	Dry	-1%	-1%	0%	4%	3%	1%	0%	0%	0%	0%	0%	0%
1962	Below Normal	-11%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	1%	1%	0%
1966	Below Normal	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	-14%	9%	0%	0%	0%	0%	0%	2%	1%	-1%
1969	Wet	-3%	-3%	-7%	-39%	-11%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1970	Wet	-1%	-1%	-1%	39%	-2%	0%	-3%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	37%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-19%	-9%	0%	5%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	1%	4%	-4%	1%	1%	1%	1%	1%	1%
1976	Critical	1%	1%	2%	1%	0%	0%	-1%	-1%	0%	-1%	-1%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	-3%	-1%	2%	1%	4%	2%	-1%
1979	Below Normal	-4%	-4%	-8%	-15%	-44%	-19%	26%	1%	1%	1%	1%	1%
1980	Above Normal	2%	2%	2%	-9%	-11%	0%	-3%	-3%	-3%	-3%	-3%	-3%
1981	Dry	-3%	-3%	-4%	-3%	-7%	8%	2%	2%	298%	-1%	-1%	0%
1982	Wet	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	-15%	16%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-10%	15%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-3%	-3%	-3%	-3%	-3%	-3%
1988	Critical	-9%	-20%	0%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	1%
1990	Critical	1%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%
1992	Critical	2%	0%	0%	13%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1994	Critical	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	-57%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	-38%	-29%	-15%	-2%	-2%	-2%	-2%	-2%	-2%
1997	Wet	-2%	-2%	-3%	8%	-24%	0%	2%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	1%	-11%	5%	0%	-1%	-2%	-2%	-2%	-1%
1999	Wet	3%	-5%	-1%	-11%	-16%	0%	-10%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
2001	Dry	-1%	-1%	-2%	-6%	-6%	-1%	1%	1%	1%	1%	1%	1%
2002	Dry	2%	4%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	-1%	9%	4%	1%	0%	0%	0%	0%	0%	0%
	Average	-1%	0%	0%	-1%	-2%	-1%	0%	0%	3%	0%	0%	0%
	Wet	-3%	0%	-1%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	1%	0%	-3%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	-1%	0%	-1%	-2%	-3%	-2%	2%	0%	-3%	0%	0%	0%
	Dry	-1%	-1%	0%	-1%	-1%	0%	-1%	0%	18%	0%	0%	0%
	Critical	-1%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%

Energy Use (GWh) At Pumping Plant at Badger Hill: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	1.88	1.40	1.25	0.61	0.77	1.03	1.80	2.48	3.06	3.18	2.81	1.97	22.24
1923	Below Normal	1.47	0.99	0.89	2.06	1.96	1.32	1.65	2.66	3.25	3.39	2.88	2.11	24.63
1924	Critical	1.14	0.83	0.74	0.50	0.47	0.47	0.70	0.88	1.65	1.72	1.52	0.75	11.37
1925	Dry	0.47	0.39	0.42	0.22	0.22	0.78	1.71	2.83	3.43	3.58	3.01	2.22	19.28
1926	Dry	1.13	0.84	0.76	0.24	0.28	0.56	0.96	2.46	2.97	3.10	2.61	1.92	17.83
1927	Wet	0.98	0.73	0.66	0.40	0.59	1.07	1.79	2.51	3.09	3.21	2.84	1.99	19.86
1928	Above Normal	1.49	1.00	0.90	1.76	1.63	0.94	1.75	2.41	2.97	3.08	2.72	1.91	22.56
1929	Critical	1.41	0.96	0.87	1.44	1.30	0.70	0.58	0.79	1.49	1.55	1.37	0.68	13.14
1930	Dry	0.42	0.35	0.38	0.22	0.27	0.42	1.17	1.75	2.48	2.59	2.22	1.41	13.68
1931	Critical	0.77	0.60	0.58	0.22	0.24	0.36	0.82	1.02	1.91	1.99	1.75	0.88	11.14
1932	Dry	0.54	0.46	0.49	0.25	0.38	0.52	1.26	2.04	2.57	2.69	2.27	1.61	15.08
1933	Critical	0.82	0.62	0.57	0.23	0.26	0.47	0.95	1.37	2.31	2.41	2.10	1.15	13.26
1934	Critical	0.68	0.56	0.58	0.23	0.21	0.39	0.88	1.10	2.05	2.14	1.88	0.94	11.64
1935	Below Normal	0.59	0.49	0.53	0.23	0.30	0.50	1.70	2.83	3.44	3.59	3.02	2.22	19.44
1936	Below Normal	1.13	0.85	0.76	0.26	0.45	1.23	1.84	2.63	3.23	3.36	2.98	2.08	20.80
1937	Below Normal	1.56	1.06	0.96	1.63	1.72	0.96	2.22	3.03	3.72	3.87	3.43	2.40	26.56
1938	Wet	1.81	1.23	1.11	2.47	2.37	1.40	2.34	3.41	4.16	4.31	3.84	2.55	31.00
1939	Dry	1.91	1.29	1.17	2.37	2.22	1.43	1.69	2.74	3.34	3.49	2.95	2.16	26.76
1940	Above Normal	1.15	0.84	0.75	0.31	0.31	0.71	1.70	2.87	3.48	3.63	3.06	2.25	21.06
1941	Wet	1.14	0.85	0.76	0.64	0.84	1.11	2.03	2.84	3.49	3.63	3.22	2.25	22.80
1942	Wet	1.69	1.15	1.04	2.37	2.34	1.64	1.89	2.61	3.23	3.35	2.96	2.07	26.34
1943	Wet	1.55	1.04	0.93	2.04	2.12	1.50	2.20	3.03	3.73	3.88	3.43	2.40	27.85
1944	Dry	1.80	1.21	1.10	1.42	1.27	0.79	1.25	1.98	2.58	2.70	2.29	1.57	19.96
1945	Below Normal	0.83	0.63	0.59	0.34	0.33	1.23	1.85	2.53	3.12	3.24	2.87	2.01	19.57
1946	Below Normal	1.51	1.02	1.12	2.12	1.38	1.20	1.69	2.40	2.96	3.08	2.72	1.90	23.10
1947	Dry	1.42	0.95	0.86	1.74	1.53	0.98	1.78	2.69	3.29	3.43	2.95	2.12	23.74
1948	Below Normal	1.30	0.92	0.83	0.86	0.78	0.52	0.89	2.51	3.04	3.17	2.67	1.96	19.45
1949	Dry	1.01	0.76	0.68	0.34	0.33	0.52	1.78	2.66	3.25	3.39	2.93	2.10	19.75
1950	Below Normal	1.32	0.93	0.84	0.49	0.44	0.49	1.53	2.53	3.06	3.20	2.69	1.98	19.50
1951	Above Normal	1.01	0.76	0.68	1.05	1.10	1.24	1.73	2.49	3.08	3.20	2.83	1.98	21.15
1952	Wet	1.48	0.99	0.89	2.07	2.06	1.47	1.91	2.88	3.50	3.63	3.24	2.27	26.39
1953	Wet	1.73	1.21	1.30	2.52	2.36	1.52	1.62	2.40	2.94	3.07	2.66	1.90	25.23
1954	Above Normal	1.23	0.85	0.76	1.20	1.26	1.10	1.71	2.85	3.46	3.61	3.04	2.23	23.30
1955	Dry	1.12	0.84	0.75	0.39	0.44	0.59	1.41	2.34	2.84	2.97	2.49	1.83	18.01
1956	Wet	0.92	0.68	0.61	0.98	1.23	1.40	2.03	2.84	3.50	3.64	3.22	2.25	23.30
1957	Above Normal	1.68	1.13	1.02	1.91	1.75	1.11	1.40	2.33	2.83	2.96	2.49	1.83	22.44
1958	Wet	0.92	0.69	0.61	0.53	0.92	1.36	2.42	3.33	4.10	4.26	3.77	2.64	25.55
1959	Below Normal	1.97	1.33	1.20	2.21	2.12	1.40	1.62	2.69	3.27	3.41	2.87	2.11	26.20
1960	Dry	1.06	0.79	0.70	0.22	0.21	0.45	1.82	2.95	3.57	3.73	3.15	2.31	20.96
1961	Dry	1.22	0.91	0.81	0.35	0.36	0.44	1.52	2.51	3.04	3.18	2.67	1.97	18.98
1962	Below Normal	1.00	0.75	0.67	0.24	0.22	0.65	1.55	2.59	3.14	3.28	2.76	2.03	18.88
1963	Wet	1.03	0.77	0.69	0.81	0.87	1.00	1.69	2.39	2.95	3.07	2.71	1.90	19.88
1964	Dry	1.42	0.95	1.05	1.80	1.09	0.97	1.78	2.45	3.02	3.14	2.78	1.94	22.39
1965	Wet	1.45	0.98	0.88	1.71	1.77	1.20	1.64	2.31	2.85	2.96	2.60	1.83	22.18
1966	Below Normal	1.32	0.89	0.80	1.73	1.75	1.22	1.67	2.74	3.34	3.49	2.94	2.16	24.05
1967	Wet	1.13	0.83	0.74	0.54	1.04	1.16	1.99	2.85	3.51	3.65	3.23	2.26	22.93
1968	Below Normal	1.69	1.14	1.03	2.17	2.19	1.43	1.64	2.54	3.11	3.25	2.78	2.01	24.98
1969	Wet	1.19	0.84	0.76	1.19	0.95	1.13	2.17	2.94	3.59	3.72	3.32	2.32	24.12
1970	Wet	1.76	1.22	1.10	2.66	2.30	1.52	1.74	2.47	3.05	3.17	2.81	1.96	25.76
1971	Wet	1.46	0.98	0.89	2.04	1.91	1.22	1.60	2.72	3.31	3.46	2.91	2.15	24.65
1972	Below Normal	1.08	0.80	0.71	0.57	0.71	0.90	1.68	2.72	3.31	3.46	2.93	2.14	21.01
1973	Above Normal	1.16	0.84	0.75	0.73	1.10	1.13	1.77	2.52	3.11	3.24	2.86	2.00	21.21
1974	Wet	1.50	1.01	0.91	2.15	2.18	1.59	2.03	2.82	3.48	3.62	3.20	2.23	26.72
1975	Wet	1.67	1.12	1.01	2.14	1.91	1.52	1.78	2.45	3.02	3.14	2.77	1.94	24.47
1976	Critical	1.45	0.97	0.88	1.73	1.53	0.97	1.59	2.63	3.20	3.34	2.81	2.06	23.16
1977	Critical	1.04	0.78	0.69	0.23	0.22	0.30	0.56	0.70	0.00	0.00	0.16	2.74	7.42
1978	Above Normal	1.09	0.81	0.74	0.21	0.47	0.93	1.73	2.38	2.93	3.04	2.69	1.88	18.90
1979	Below Normal	1.41	0.95	0.86	1.58	1.48	1.30	1.85	2.64	3.25	3.38	2.99	2.09	23.78
1980	Above Normal	1.57	1.06	0.96	1.92	2.04	1.13	2.16	2.91	3.54	3.67	3.28	2.30	26.54
1981	Dry	1.75	1.22	1.11	2.22	2.19	1.30	1.53	2.61	3.17	3.31	2.78	2.04	25.23
1982	Wet	1.02	0.76	0.68	0.71	0.91	1.39	2.60	3.30	4.07	4.23	3.75	2.62	26.04
1983	Wet	1.96	1.31	1.19	2.56	1.84	1.10	2.10	2.84	3.46	3.59	3.20	2.24	27.39
1984	Wet	1.91	1.39	1.28	2.84	2.09	1.23	1.72	2.49	3.07	3.19	2.82	1.97	26.00
1985	Dry	1.47	0.98	1.09	1.99	1.78	1.38	1.66	2.35	2.90	3.02	2.67	1.86	23.15
1986	Wet	1.39	0.93	0.84	1.51	1.37	1.57	2.17	2.93	3.57	3.71	3.31	2.32	25.62
1987	Dry	1.77	1.23	1.12	1.91	1.72	0.85	0.91	1.14	2.12	2.21	1.95	0.98	17.91
1988	Critical	0.61	0.52	0.55	0.23	0.27	0.31	0.59	0.74	1.40	1.46	1.29	0.64	8.61
1989	Dry	0.39	0.33	0.35	0.22	0.24	0.32	1.76	2.95	3.58	3.73	3.14	2.32	19.33
1990	Critical	1.18	0.89	0.80	0.23	0.24	0.38	0.79	0.98	1.84	1.92	1.69	0.84	11.78
1991	Critical	0.52	0.44	0.47	0.22	0.21	0.31	0.61	0.76	1.43	1.50	1.32	0.65	8.44
1992	Critical	0.40	0.34	0.36	0.22	0.21	0.30	0.59	0.74	1.39	1.45	0.11	1.31	7.42
1993	Above Normal	0.61	0.48	0.47	0.22	0.77	0.92	1.70	2.55	3.11	3.25	2.81	2.01	18.90
1994	Critical	1.28	0.90	0.81	1.09	0.98	0.81	1.45	2.40	2.92	3.05	2.56	1.88	20.13
1995	Wet	0.95	0.71	0.63	0.23	0.72	0.85	2.22	3.04	3.74	3.89	3.44	2.41	22.83
1996	Wet	1.81	1.23	1.11	2.14	2.04	1.48	1.85	2.54	3.14	3.26	2.89	2.02	25.51
1997	Wet	1.51	1.01	0.92	2.10	2.10	1.64	2.06	2.83	3.49	3.63	3.21	2.25	26.75
1998	Wet	1.68	1.13	1.02	1.96	2.21	1.61	2.06	3.31	4.07	4.23	3.75	2.62	29.65
1999	Wet	1.98	1.54	1.42	2.46	2.47	1.73	1.75	2.49	3.07	3.19	2.82	1.97	26.89
2000	Above Normal	1.47	0.99	0.89	1.70	1.71	1.24	1.75	2.80	3.41	3.56	3.02	2.20	24.74
2001	Dry	1.20	0.87	0.78	0.47	0.43	0.48	0.93	1.16	2.18	2.27	2.00	1.00	13.77
2002	Dry	0.62	0.53	0.57	0.41	0.48	0.64	1.77	2.42	2.98	3.10	2.74	1.91	18.17
2003	Above Normal	1.44	0.97	0.88	0.65	0.59	0.66	1.42	2.37	2.89	3.02	2.53	1.86	19.28
	Average	1.26	0.90	0.83	1.17	1.15	0.99	1.61	2.40	3.01	3.14	2.72	1.94	21.12
	Wet	1.45	1.01	0.92	1.68	1.67	1.36	1.98	2.79	3.43	3.57	3.15	2.21	25.22
	Above Normal	1.32	0.93	0.84	1.02	1.13	1.01	1.72	2.58	3.16	3.29	2.85	2.04	21.86
	Below Normal	1.30	0.91	0.84	1.18	1.13	1.03	1.67	2.65	3.23	3.37	2.90	2.09	22.28
	Dry	1.15	0.83	0.79	0.93	0.86	0.75	1.48	2.34	2.96	3.09	2.64	1.85	19.67
	Critical	0.94	0.70	0.66	0.55	0.51	0.48	0.84	1.18	1.80	1.88	1.55	1.21	12.29

Energy Use (GWh) At Pumping Plant at Badger Hill: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	1.88	1.40	1.25	0.61	0.77	1.03	1.80	2.48	3.06	3.18	2.82	1.97	22.25
1923	Below Normal	1.47	0.99	0.89	2.06	1.96	1.32	1.65	2.67	3.25	3.40	2.88	2.11	24.65
1924	Critical	1.14	0.83	0.74	0.49	0.46	0.46	0.69	0.86	1.62	1.69	1.48	0.74	11.20
1925	Dry	0.46	0.38	0.41	0.22	0.22	0.77	1.72	2.84	3.44	3.59	3.02	2.22	19.29
1926	Dry	1.13	0.85	0.76	0.24	0.28	0.56	0.95	2.45	2.96	3.10	2.60	1.91	17.79
1927	Wet	0.98	0.73	0.65	0.40	0.59	1.07	1.79	2.51	3.10	3.22	2.85	1.99	19.88
1928	Above Normal	1.49	1.00	0.91	1.77	1.63	0.94	1.75	2.41	2.97	3.09	2.73	1.91	22.60
1929	Critical	1.41	0.96	0.87	1.44	1.29	0.70	0.58	0.79	1.49	1.55	1.37	0.68	13.13
1930	Dry	0.42	0.35	0.38	0.22	0.27	0.42	1.17	1.75	2.48	2.59	2.22	1.41	13.68
1931	Critical	0.77	0.60	0.58	0.22	0.24	0.36	0.82	1.02	1.91	2.00	1.76	0.88	11.16
1932	Dry	0.54	0.46	0.49	0.25	0.38	0.52	1.26	2.05	2.58	2.69	2.27	1.62	15.11
1933	Critical	0.83	0.62	0.57	0.23	0.26	0.46	0.94	1.34	2.29	2.39	2.09	1.13	13.15
1934	Critical	0.67	0.55	0.58	0.22	0.21	0.39	0.88	1.10	2.06	2.15	1.89	0.56	11.26
1935	Below Normal	0.73	0.63	0.65	0.23	0.30	0.50	1.69	2.82	3.42	3.57	3.00	2.21	19.75
1936	Below Normal	1.12	0.84	0.75	0.26	0.46	1.23	1.84	2.63	3.23	3.36	2.98	2.08	20.78
1937	Below Normal	1.56	1.06	0.96	1.63	1.70	1.43	2.22	3.03	3.73	3.87	3.43	2.40	27.02
1938	Wet	1.81	1.23	1.11	2.24	2.54	1.74	2.34	3.20	3.94	4.10	3.63	2.54	30.42
1939	Dry	1.91	1.29	1.17	2.37	2.20	1.40	1.70	2.74	3.34	3.49	2.96	2.15	26.72
1940	Above Normal	1.17	0.85	0.76	0.26	0.26	0.70	1.70	2.87	3.48	3.63	3.06	2.25	20.99
1941	Wet	1.14	0.85	0.76	0.64	0.84	1.11	2.03	2.84	3.49	3.63	3.22	2.25	22.80
1942	Wet	1.69	1.15	1.04	2.37	2.34	1.62	1.87	2.57	3.18	3.31	2.92	2.04	26.10
1943	Wet	1.52	1.02	0.92	2.02	2.09	1.47	2.17	2.98	3.67	3.82	3.38	2.36	27.42
1944	Dry	1.77	1.19	1.08	1.13	1.01	0.70	1.25	1.96	2.58	2.69	2.29	1.56	19.21
1945	Below Normal	0.82	0.63	0.59	0.34	0.33	1.21	1.85	2.53	3.12	3.24	2.87	2.01	19.54
1946	Below Normal	1.51	1.02	1.12	2.12	1.38	1.20	1.70	2.41	2.98	3.10	2.74	1.91	23.19
1947	Dry	1.43	0.95	0.86	1.75	1.53	0.98	1.78	2.71	3.30	3.44	2.96	2.13	23.82
1948	Below Normal	1.30	0.92	0.83	0.83	0.76	0.51	0.89	2.52	3.05	3.18	2.68	1.97	19.44
1949	Dry	1.01	0.76	0.68	0.34	0.33	0.52	1.78	2.67	3.26	3.39	2.93	2.10	19.77
1950	Below Normal	1.32	0.93	0.84	0.48	0.43	0.49	1.53	2.53	3.06	3.20	2.69	1.98	19.48
1951	Above Normal	1.01	0.76	0.68	1.05	1.10	1.24	1.73	2.49	3.08	3.20	2.83	1.98	21.15
1952	Wet	1.48	0.99	0.89	2.07	2.06	1.47	1.91	2.70	3.31	3.44	3.05	2.14	25.51
1953	Wet	1.61	1.10	1.19	2.36	2.18	1.45	1.62	2.36	2.90	3.02	2.63	1.87	24.29
1954	Above Normal	1.25	0.85	0.77	1.28	1.34	1.14	1.73	2.87	3.49	3.64	3.06	2.25	23.67
1955	Dry	1.13	0.84	0.75	0.38	0.44	0.59	1.39	2.32	2.82	2.94	2.47	1.82	17.89
1956	Wet	0.91	0.68	0.60	0.97	1.23	1.40	2.03	2.84	3.50	3.64	3.22	2.25	23.27
1957	Above Normal	1.68	1.13	1.02	1.91	1.75	1.11	1.40	2.33	2.24	3.07	2.60	1.93	22.17
1958	Wet	1.02	0.77	0.70	0.53	0.92	1.36	2.42	3.33	4.10	4.26	3.77	2.64	25.82
1959	Below Normal	1.97	1.33	1.20	2.20	2.11	1.38	1.57	2.62	3.18	3.32	2.79	2.05	25.72
1960	Dry	1.03	0.76	0.68	0.22	0.21	0.46	1.82	2.94	3.56	3.72	3.14	2.30	20.84
1961	Dry	1.23	0.91	0.82	0.37	0.38	0.45	1.52	2.52	3.05	3.18	2.68	1.97	19.08
1962	Below Normal	1.00	0.75	0.67	0.24	0.22	0.65	1.55	2.59	3.14	3.28	2.76	2.03	18.88
1963	Wet	1.03	0.77	0.69	0.81	0.87	1.00	1.69	2.39	2.95	3.07	2.71	1.90	19.88
1964	Dry	1.42	0.95	1.05	1.80	1.09	0.97	1.78	2.45	3.02	3.14	2.77	1.94	22.38
1965	Wet	1.45	0.98	0.88	1.72	1.77	1.20	1.64	2.31	2.85	2.97	2.61	1.83	22.21
1966	Below Normal	1.31	0.89	0.80	1.72	1.74	1.21	1.67	2.74	3.34	3.49	2.95	2.17	24.03
1967	Wet	1.13	0.83	0.74	0.54	1.04	1.16	1.99	2.84	3.50	3.64	3.22	2.25	22.88
1968	Below Normal	1.69	1.14	1.03	2.14	2.18	1.41	1.65	2.62	3.20	3.34	2.84	2.07	25.31
1969	Wet	1.17	0.84	0.75	1.05	1.27	1.13	2.16	2.93	3.58	3.71	3.31	2.31	24.21
1970	Wet	1.96	1.21	1.10	2.66	2.40	1.50	1.74	2.48	3.06	3.18	2.81	1.96	26.06
1971	Wet	1.47	0.98	0.89	2.04	1.91	1.22	1.59	2.71	3.30	3.45	2.90	2.14	24.60
1972	Below Normal	1.07	0.80	0.71	0.57	0.71	0.90	1.68	2.72	3.31	3.46	2.93	2.14	21.00
1973	Above Normal	1.16	0.84	0.75	0.73	1.10	1.13	1.77	2.52	3.11	3.24	2.86	2.00	21.21
1974	Wet	1.50	1.01	0.91	2.15	2.18	1.58	1.97	2.72	3.35	3.49	3.08	2.15	26.09
1975	Wet	1.61	1.08	0.97	2.09	1.87	1.52	1.80	2.48	3.05	3.17	2.81	1.96	24.41
1976	Critical	1.47	0.98	0.89	1.75	1.54	0.97	1.58	2.62	3.17	3.32	2.79	2.05	23.13
1977	Critical	1.04	0.77	0.69	0.23	0.22	0.30	0.56	0.50	0.00	0.00	0.16	2.28	6.75
1978	Above Normal	0.77	1.32	1.21	0.21	0.47	0.91	1.74	2.48	3.04	3.17	2.76	1.96	20.04
1979	Below Normal	1.34	0.92	0.83	1.28	1.21	1.31	1.85	2.59	3.19	3.32	2.94	2.05	22.83
1980	Above Normal	1.54	1.04	0.94	1.87	2.02	1.56	1.99	2.78	3.40	3.53	3.14	2.20	26.01
1981	Dry	1.66	1.14	1.04	2.08	2.04	1.31	1.57	2.68	3.25	3.40	2.86	2.10	25.13
1982	Wet	1.05	0.78	0.70	0.71	0.91	1.39	2.60	3.30	4.07	4.24	3.75	2.62	26.12
1983	Wet	1.96	1.32	1.19	2.56	1.84	1.10	2.10	2.84	3.46	3.59	3.20	2.24	27.40
1984	Wet	1.91	1.39	1.28	2.84	2.08	1.23	1.72	2.49	3.07	3.19	2.82	1.97	25.99
1985	Dry	1.47	0.98	1.09	1.99	1.78	1.38	1.66	2.35	2.90	3.02	2.67	1.86	23.15
1986	Wet	1.39	0.93	0.84	1.51	1.37	1.55	2.17	2.94	3.58	3.71	3.31	2.32	25.62
1987	Dry	1.77	1.23	1.12	1.91	1.72	0.85	0.88	1.09	2.04	2.13	1.88	0.94	17.56
1988	Critical	0.59	0.50	0.53	0.23	0.27	0.31	0.59	0.74	1.40	1.46	1.29	0.64	8.55
1989	Dry	0.39	0.33	0.35	0.22	0.24	0.32	1.76	2.95	3.57	3.73	3.14	2.31	19.31
1990	Critical	1.18	0.89	0.80	0.23	0.24	0.38	0.79	0.98	1.84	1.92	1.69	0.84	11.78
1991	Critical	0.52	0.44	0.47	0.22	0.21	0.31	0.61	0.76	1.43	1.50	1.32	0.65	8.44
1992	Critical	0.40	0.34	0.36	0.22	0.21	0.30	0.59	0.74	1.39	1.19	0.11	1.38	7.23
1993	Above Normal	0.68	0.55	0.53	0.22	0.77	0.92	1.70	2.55	3.12	3.25	2.81	2.01	19.11
1994	Critical	1.28	0.89	0.80	1.09	0.97	0.80	1.45	2.40	2.92	3.05	2.56	1.89	20.10
1995	Wet	0.95	0.71	0.63	0.23	0.72	0.85	2.22	3.04	3.74	3.89	3.44	2.41	22.83
1996	Wet	1.81	1.23	1.11	1.15	1.16	1.11	1.79	2.47	3.04	3.16	2.80	1.95	22.78
1997	Wet	1.46	0.98	0.89	2.07	2.07	1.63	2.05	2.83	3.49	3.63	3.21	2.24	26.55
1998	Wet	1.68	1.13	1.02	1.95	2.21	1.61	2.06	2.94	3.62	3.77	3.34	2.33	27.66
1999	Wet	1.95	1.38	1.27	2.29	2.33	1.52	1.75	2.50	3.08	3.20	2.83	1.98	26.08
2000	Above Normal	1.48	0.99	0.90	1.71	1.72	1.24	1.75	2.82	3.43	3.58	3.03	2.21	24.86
2001	Dry	1.18	0.87	0.78	0.42	0.39	0.46	0.94	1.17	2.19	2.29	2.01	1.01	13.71
2002	Dry	0.63	0.53	0.57	0.41	0.48	0.64	1.76	2.41	2.97	3.09	2.73	1.91	18.13
2003	Above Normal	1.43	0.96	0.87	0.67	0.60	0.67	1.42	2.37	2.88	3.02	2.53	1.86	19.28
	Average	1.26	0.90	0.83	1.14	1.13	0.99	1.61	2.38	2.99	3.12	2.70	1.92	20.98
	Wet	1.45	1.00	0.91	1.61	1.65	1.35	1.97	2.75	3.38	3.52	3.11	2.18	24.88
	Above Normal	1.30	0.97	0.88	1.02	1.13	1.05	1.71	2.58	3.11	3.30	2.85	2.04	21.95
	Below Normal	1.30	0.92	0.85	1.15	1.11	1.05	1.67	2.64	3.23	3.37	2.89	2.08	22.26
	Dry	1.14	0.82	0.78	0.91	0.83	0.74	1.48	2.34	2.96	3.09	2.64	1.85	19.59
	Critical	0.94	0.70	0.66	0.55	0.51	0.48	0.84	1.15	1.79	1.85	1.54	1.14	12.16

Difference in Energy Use (GWh) At Pumping Plant at Badger Hill: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.03)	(0.03)	(0.04)	(0.01)	(0.01)
1925	Dry	(0.01)	(0.01)	(0.01)	0.00	0.00	(0.01)	0.01	0.01	0.01	0.01	0.01	0.00	0.00
1926	Dry	0.00	0.01	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	(0.01)	(0.01)	0.00
1927	Wet	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00
1928	Above Normal	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.00
1933	Critical	0.01	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.03)	(0.02)	(0.02)	(0.01)	(0.02)	(0.01)
1934	Critical	(0.01)	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01	0.01	0.01	(0.38)	(0.03)
1935	Below Normal	0.14	0.14	0.12	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	(0.01)	0.03
1936	Below Normal	(0.01)	(0.01)	(0.01)	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	(0.02)	0.47	0.00	0.00	0.01	0.00	0.00	0.00	0.04
1938	Wet	0.00	0.00	0.00	(0.23)	0.17	0.34	0.00	(0.21)	(0.22)	(0.21)	(0.21)	(0.01)	(0.05)
1939	Dry	0.00	0.00	0.00	0.00	(0.02)	(0.03)	0.01	0.00	0.00	0.00	0.01	(0.01)	0.00
1940	Above Normal	0.02	0.01	0.01	(0.05)	(0.05)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.02)	(0.04)	(0.05)	(0.04)	(0.04)	(0.03)	(0.02)
1943	Wet	(0.03)	(0.02)	(0.01)	(0.02)	(0.03)	(0.03)	(0.03)	(0.05)	(0.06)	(0.06)	(0.05)	(0.04)	(0.04)
1944	Dry	(0.03)	(0.02)	(0.02)	(0.29)	(0.26)	(0.09)	0.00	(0.02)	0.00	(0.01)	0.00	(0.01)	(0.06)
1945	Below Normal	(0.01)	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.02	0.02	0.01	0.01
1947	Dry	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.01	0.01	0.01	0.01	0.01
1948	Below Normal	0.00	0.00	0.00	(0.03)	(0.02)	(0.01)	0.00	0.01	0.01	0.01	0.01	0.01	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.18)	(0.19)	(0.19)	(0.19)	(0.13)	(0.07)
1953	Wet	(0.12)	(0.11)	(0.11)	(0.16)	(0.18)	(0.07)	0.00	(0.04)	(0.04)	(0.05)	(0.03)	(0.03)	(0.08)
1954	Above Normal	0.02	0.00	0.01	0.08	0.08	0.04	0.02	0.02	0.03	0.03	0.02	0.02	0.03
1955	Dry	0.01	0.00	0.00	(0.01)	0.00	0.00	(0.02)	(0.02)	(0.02)	(0.03)	(0.02)	(0.01)	(0.01)
1956	Wet	(0.01)	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.59)	0.11	0.11	0.10	(0.02)
1958	Wet	0.10	0.08	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1959	Below Normal	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.05)	(0.07)	(0.09)	(0.09)	(0.08)	(0.06)	(0.04)
1960	Dry	(0.03)	(0.03)	(0.02)	0.00	0.00	0.01	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
1961	Dry	0.01	0.00	0.01	0.02	0.02	0.01	0.00	0.01	0.01	0.00	0.01	0.00	0.01
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
1966	Below Normal	(0.01)	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.01	0.01	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1968	Below Normal	0.00	0.00	0.00	(0.03)	(0.01)	(0.02)	0.01	0.08	0.09	0.09	0.06	0.06	0.03
1969	Wet	(0.02)	0.00	(0.01)	(0.14)	0.32	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.01
1970	Wet	0.20	(0.01)	0.00	0.00	0.10	(0.02)	0.00	0.01	0.01	0.01	0.00	0.00	0.03
1971	Wet	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1972	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.06)	(0.10)	(0.13)	(0.13)	(0.12)	(0.08)	(0.05)
1975	Wet	(0.06)	(0.04)	(0.04)	(0.05)	(0.04)	0.00	0.02	0.03	0.03	0.03	0.04	0.02	(0.01)
1976	Critical	0.02	0.01	0.01	0.02	0.01	0.00	(0.01)	(0.01)	(0.03)	(0.02)	(0.02)	(0.01)	0.00
1977	Critical	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.20)	0.00	0.00	0.00	(0.46)	(0.06)
1978	Above Normal	(0.32)	0.51	0.47	0.00	0.00	(0.02)	0.01	0.10	0.11	0.13	0.07	0.08	0.10
1979	Below Normal	(0.07)	(0.03)	(0.03)	(0.30)	(0.27)	0.01	0.00	(0.05)	(0.06)	(0.06)	(0.05)	(0.04)	(0.08)
1980	Above Normal	(0.03)	(0.02)	(0.02)	(0.05)	(0.02)	0.43	(0.17)	(0.13)	(0.14)	(0.14)	(0.14)	(0.10)	(0.04)
1981	Dry	(0.09)	(0.08)	(0.07)	(0.14)	(0.15)	0.01	0.04	0.07	0.08	0.09	0.08	0.06	(0.01)
1982	Wet	0.03	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
1983	Wet	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.01	0.01	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.05)	(0.08)	(0.08)	(0.07)	(0.04)	(0.03)
1988	Critical	(0.02)	(0.02)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.26)	0.00	0.07	(0.02)
1993	Above Normal	0.07	0.07	0.06	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.02
1994	Critical	0.00	(0.01)	(0.01)	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	(0.99)	(0.88)	(0.37)	(0.06)	(0.07)	(0.10)	(0.10)	(0.09)	(0.07)	(0.23)
1997	Wet	(0.05)	(0.03)	(0.03)	(0.03)	(0.03)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	(0.01)	(0.02)
1998	Wet	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.37)	(0.45)	(0.46)	(0.41)	(0.29)	(0.17)
1999	Wet	(0.03)	(0.16)	(0.15)	(0.17)	(0.14)	(0.21)	0.00	0.01	0.01	0.01	0.01	0.01	(0.07)
2000	Above Normal	0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.02	0.02	0.02	0.01	0.01	0.01
2001	Dry	(0.02)	0.00	0.00	(0.05)	(0.04)	(0.02)	0.01	0.01	0.01	0.02	0.01	0.01	(0.01)
2002	Dry	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00
2003	Above Normal	(0.01)	(0.01)	(0.01)	0.02	0.01	0.01	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
	Average	(0.00)	0.00	0.00	(0.03)	(0.02)	0.00	(0.00)	(0.02)	(0.02)	(0.02)	(0.01)	(0.02)	(0.01)
	Wet	0.00	(0.01)	(0.01)	(0.07)	(0.03)	(0.02)	(0.01)	(0.04)	(0.05)	(0.05)	(0.04)	(0.03)	(0.03)
	Above Normal	(0.02)	0.05	0.05	0.00	0.00	0.04	(0.01)	0.00	(0.05)	0.01	0.01	0.01	0.01
	Below Normal	0.00	0.01	0.01	(0.03)	(0.02)	0.03	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
	Dry	(0.01)	(0.01)	(0.01)	(0.03)	(0.03)	(0.01)	(0.00)	0.00	(0.00)	(0.00)	0.00	(0.00)	(0.01)
	Critical	0.00	(0.00)	(0.00)	0.00	(0.00)	(0.00)	(0.00)	(0.02)	(0.01)	(0.03)	(0.00)	(0.07)	(0.01)

Percent Difference in Energy Use (GWh) At Pumping Plant at Badger Hill: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	-2%	-2%	-2%	-1%	-2%	-2%	-2%	-3%	-1%
1925	Dry	-2%	-3%	-2%	0%	0%	-1%	1%	0%	0%	0%	0%	0%
1926	Dry	0%	1%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	-1%
1927	Wet	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1933	Critical	1%	0%	0%	0%	0%	-2%	-1%	-2%	-1%	-1%	0%	-2%
1934	Critical	-1%	-2%	0%	-4%	0%	0%	0%	0%	0%	0%	1%	-40%
1935	Below Normal	24%	29%	23%	0%	0%	0%	-1%	0%	-1%	-1%	-1%	0%
1936	Below Normal	-1%	-1%	-1%	0%	2%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	-1%	49%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-9%	7%	24%	0%	-6%	-5%	-5%	-5%	0%
1939	Dry	0%	0%	0%	0%	-1%	-2%	1%	0%	0%	0%	0%	0%
1940	Above Normal	2%	1%	1%	-16%	-16%	-1%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	-1%	-1%	-2%	-2%	-1%	-1%	-1%
1943	Wet	-2%	-2%	-1%	-1%	-1%	-2%	-1%	-2%	-2%	-2%	-1%	-2%
1944	Dry	-2%	-2%	-2%	-20%	-20%	-11%	0%	-1%	0%	0%	0%	-1%
1945	Below Normal	-1%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	1%	0%	1%	1%	1%	1%
1947	Dry	1%	0%	0%	1%	0%	0%	0%	1%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-3%	-3%	-2%	0%	0%	0%	0%	0%	1%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	-6%	-5%	-5%	-6%	-6%
1953	Wet	-7%	-9%	-8%	-6%	-8%	-5%	0%	-2%	-1%	-2%	-1%	-2%
1954	Above Normal	2%	0%	1%	7%	6%	4%	1%	1%	1%	1%	1%	1%
1955	Dry	1%	0%	0%	-3%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	0%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-21%	4%	4%	5%
1958	Wet	11%	12%	15%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-1%	-3%	-3%	-3%	-3%	-3%	-3%
1960	Dry	-3%	-4%	-3%	0%	0%	2%	0%	0%	0%	0%	0%	0%
1961	Dry	1%	0%	1%	6%	6%	2%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	-1%	0%	0%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	-1%	0%	-1%	1%	3%	3%	3%	2%	3%
1969	Wet	-2%	0%	-1%	-12%	34%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	11%	-1%	0%	0%	4%	-1%	0%	0%	0%	0%	0%	0%
1971	Wet	1%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1972	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	-1%	-3%	-4%	-4%	-4%	-4%	-4%
1975	Wet	-4%	-4%	-4%	-2%	-2%	0%	1%	1%	1%	1%	1%	1%
1976	Critical	1%	1%	1%	1%	1%	0%	-1%	0%	-1%	-1%	-1%	0%
1977	Critical	0%	-1%	0%	0%	0%	0%	0%	-29%	0%	0%	0%	-17%
1978	Above Normal	-29%	63%	64%	0%	0%	-2%	1%	4%	4%	4%	3%	4%
1979	Below Normal	-5%	-3%	-3%	-19%	-18%	1%	0%	-2%	-2%	-2%	-2%	-2%
1980	Above Normal	-2%	-2%	-2%	-3%	-1%	38%	-8%	-4%	-4%	-4%	-4%	-4%
1981	Dry	-5%	-7%	-6%	-6%	-7%	1%	3%	3%	3%	3%	3%	3%
1982	Wet	3%	3%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-3%	-4%	-4%	-4%	-4%	-4%
1988	Critical	-3%	-4%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-18%	0%	5%
1993	Above Normal	11%	15%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	-1%	-1%	0%	-1%	-1%	0%	0%	0%	0%	0%	1%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	-46%	-43%	-25%	-3%	-3%	-3%	-3%	-3%	-3%
1997	Wet	-3%	-3%	-3%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	-1%	0%	0%	0%	-11%	-11%	-11%	-11%	-11%
1999	Wet	-2%	-10%	-11%	-7%	-6%	-12%	0%	0%	0%	0%	0%	1%
2000	Above Normal	1%	0%	1%	1%	1%	0%	0%	1%	1%	1%	0%	0%
2001	Dry	-2%	0%	0%	-11%	-9%	-4%	1%	1%	0%	1%	0%	1%
2002	Dry	2%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
2003	Above Normal	-1%	-1%	-1%	3%	2%	2%	0%	0%	0%	0%	0%	0%
	Average	0%	1%	1%	-2%	-1%	0%	0%	-1%	-1%	-1%	0%	-1%
	Wet	0%	-1%	-1%	-3%	-1%	-1%	0%	-1%	-1%	-1%	-1%	-1%
	Above Normal	-1%	6%	6%	-1%	-1%	3%	-1%	0%	-2%	0%	0%	1%
	Below Normal	1%	2%	1%	-2%	-2%	3%	0%	0%	0%	0%	0%	0%
	Dry	-1%	-1%	-1%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%
	Critical	0%	-1%	0%	0%	0%	0%	0%	-3%	0%	-2%	0%	-5%

Energy Use (GWh) At Pumping Plant at Buena Vista: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	59.76	49.11	38.98	9.66	17.84	29.90	38.50	37.77	38.60	38.88	40.46	36.06	435.52
1923	Below Normal	32.46	28.92	25.09	51.45	49.67	49.64	35.50	40.16	40.39	42.88	43.76	38.23	478.15
1924	Critical	30.26	26.64	21.12	17.67	17.44	15.18	20.31	24.47	24.94	24.91	22.19	18.89	264.02
1925	Dry	9.61	6.97	5.87	5.01	7.78	24.72	33.27	43.44	43.84	46.78	47.02	41.02	315.33
1926	Dry	31.35	27.68	21.51	10.86	12.41	17.58	25.89	37.69	37.98	40.47	40.69	35.47	339.58
1927	Wet	26.77	23.49	18.09	10.00	16.14	35.18	41.23	41.06	42.02	42.25	43.77	39.16	379.16
1928	Above Normal	35.68	31.88	27.88	44.38	43.80	27.21	41.32	40.68	41.50	41.79	43.12	38.62	457.86
1929	Critical	34.92	31.24	27.27	40.61	37.87	21.27	17.14	22.38	22.64	22.74	20.28	16.79	315.15
1930	Dry	8.79	6.41	5.41	4.46	8.78	12.25	28.38	33.51	34.12	35.35	33.85	29.24	240.55
1931	Critical	19.39	16.00	12.11	8.38	9.77	11.64	23.06	28.06	28.62	28.70	25.55	21.52	232.80
1932	Dry	11.08	8.47	6.99	6.44	10.23	15.19	28.89	33.53	33.75	35.77	35.43	30.85	256.62
1933	Critical	22.21	19.18	14.60	9.19	10.60	14.24	25.79	32.44	33.28	33.72	30.85	26.41	272.51
1934	Critical	15.57	11.77	8.78	7.59	8.43	12.12	24.55	29.93	30.65	30.65	5.30	1.47	186.81
1935	Below Normal	16.99	30.66	22.86	7.18	9.90	14.48	37.28	43.63	27.58	50.55	50.63	44.29	356.03
1936	Below Normal	33.89	30.06	23.42	11.26	14.01	44.29	37.99	42.76	43.76	44.01	45.63	40.82	411.90
1937	Below Normal	37.30	33.36	29.20	45.70	49.96	48.95	37.36	40.93	41.91	42.32	43.93	38.90	489.82
1938	Wet	35.13	31.38	27.29	51.48	49.73	55.68	34.64	40.45	41.48	40.47	43.90	36.81	488.44
1939	Dry	32.84	29.18	26.03	51.67	49.91	58.87	42.01	42.02	19.22	49.73	36.77	48.34	486.59
1940	Above Normal	38.34	23.10	37.71	7.15	8.47	19.75	37.05	44.02	37.54	48.84	49.03	42.79	393.79
1941	Wet	32.83	29.01	22.60	16.24	21.10	52.03	31.10	35.33	36.03	36.60	38.36	33.63	384.86
1942	Wet	29.76	26.44	22.58	51.50	49.73	58.63	45.46	37.72	38.59	38.96	40.66	36.08	476.11
1943	Wet	32.48	28.89	24.95	44.06	49.69	47.96	43.37	42.45	43.38	43.86	45.71	40.60	487.40
1944	Dry	36.83	32.87	28.57	37.72	35.10	22.50	29.24	34.25	34.40	36.34	35.66	30.99	394.47
1945	Below Normal	21.86	18.62	14.23	10.90	11.90	53.50	37.90	41.04	42.03	42.28	43.77	39.17	377.20
1946	Below Normal	35.66	31.85	36.99	46.86	35.20	38.17	38.85	38.87	39.66	39.97	41.62	37.19	460.89
1947	Dry	33.66	30.03	26.10	44.74	43.66	28.32	40.31	43.28	43.89	45.57	46.26	40.91	466.73
1948	Below Normal	34.03	30.26	24.92	26.36	25.03	16.59	24.61	31.19	3.83	50.83	50.75	44.45	362.85
1949	Dry	34.06	30.19	23.54	11.93	12.65	16.22	40.35	42.70	43.49	44.94	45.67	40.45	386.19
1950	Below Normal	34.01	30.28	25.13	11.15	11.43	13.79	34.00	39.27	1.57	50.63	50.35	43.86	345.47
1951	Above Normal	33.52	29.51	27.65	51.20	45.58	54.56	35.17	40.11	41.03	41.23	42.94	38.39	480.89
1952	Wet	34.86	31.10	27.06	51.45	51.19	37.68	32.65	34.07	34.59	35.36	37.31	32.46	439.78
1953	Wet	28.48	25.23	37.64	51.53	49.74	58.68	47.66	37.90	38.00	39.33	40.48	35.83	490.50
1954	Above Normal	30.47	26.98	22.47	33.55	33.67	33.00	37.37	43.38	42.38	44.84	47.78	41.70	437.59
1955	Dry	31.93	28.16	21.88	11.77	13.98	18.68	31.57	36.54	36.64	39.20	39.37	34.33	344.05
1956	Wet	25.75	22.57	17.35	43.16	46.89	55.45	40.27	43.74	44.85	45.10	47.01	41.97	474.11
1957	Above Normal	38.34	34.27	29.88	51.91	49.35	33.22	31.32	27.31	1.73	48.33	47.93	41.85	435.44
1958	Wet	31.75	27.94	21.72	9.63	24.15	50.14	40.23	43.97	45.07	45.51	47.57	42.03	429.71
1959	Below Normal	38.20	34.05	29.56	51.89	50.07	53.96	35.78	41.28	21.41	48.80	48.85	42.72	496.57
1960	Dry	32.72	28.91	22.47	10.55	10.83	14.38	39.77	45.68	32.53	52.04	39.44	49.80	379.12
1961	Dry	39.09	34.76	27.44	13.88	14.57	14.28	33.77	38.96	39.38	41.96	35.69	24.01	357.79
1962	Below Normal	6.82	34.08	37.63	5.97	7.00	18.17	34.23	39.85	2.02	51.33	51.13	44.59	332.82
1963	Wet	34.11	30.08	23.51	21.28	24.77	33.18	38.27	38.55	39.31	39.59	41.25	36.88	400.78
1964	Dry	33.39	29.75	37.73	39.51	25.75	27.24	41.00	40.06	40.98	41.23	42.81	38.26	437.71
1965	Wet	34.84	31.06	27.12	41.60	43.91	36.05	37.65	37.42	36.92	38.80	40.22	35.83	441.42
1966	Below Normal	31.89	28.34	24.33	46.55	48.38	37.24	36.16	41.25	39.06	44.70	45.47	39.62	462.99
1967	Wet	30.88	27.17	21.30	13.38	27.21	34.66	41.01	40.99	41.91	42.35	44.13	39.19	404.18
1968	Below Normal	35.49	31.63	29.28	51.47	51.47	55.24	40.65	38.93	39.51	41.20	42.19	37.07	494.13
1969	Wet	30.38	26.81	21.75	37.08	49.45	56.03	34.85	38.65	39.49	40.03	42.11	37.01	453.64
1970	Wet	35.70	26.79	25.25	51.53	49.75	56.94	37.30	40.04	40.98	41.18	42.85	38.29	486.60
1971	Wet	34.80	31.02	27.01	51.45	49.66	42.56	34.78	40.90	40.85	44.15	44.74	38.90	480.82
1972	Below Normal	29.71	26.11	20.22	11.06	21.42	30.54	37.17	41.88	42.36	44.76	45.37	39.66	390.26
1973	Above Normal	31.32	27.64	21.89	16.39	31.08	41.17	36.88	41.30	42.33	42.41	44.05	39.38	415.84
1974	Wet	35.89	32.04	27.99	51.45	49.70	53.47	41.70	40.58	41.64	41.86	43.71	38.86	498.89
1975	Wet	35.19	31.31	27.13	51.70	50.00	49.84	41.15	40.35	41.33	41.43	42.92	38.46	490.81
1976	Critical	34.92	31.19	27.27	44.03	43.30	27.97	35.26	41.02	18.90	48.82	36.63	46.55	435.86
1977	Critical	35.79	31.75	24.72	10.42	10.77	11.21	10.65	2.53	1.65	2.09	1.86	1.49	144.93
1978	Above Normal	0.63	8.63	26.70	5.92	10.51	28.30	37.66	37.17	37.97	38.17	39.55	35.26	306.47
1979	Below Normal	31.84	28.30	24.61	43.50	48.08	42.11	35.55	39.24	40.19	40.36	41.89	37.32	452.99
1980	Above Normal	33.70	30.02	26.14	46.19	51.43	56.01	34.23	37.95	38.78	39.41	41.38	36.30	471.54
1981	Dry	32.40	28.84	24.71	50.63	50.08	37.29	34.40	40.58	8.91	50.50	46.42	45.39	450.15
1982	Wet	34.75	30.83	23.97	19.93	23.79	56.64	41.71	41.13	43.44	43.85	45.91	40.48	446.43
1983	Wet	39.27	35.25	53.93	51.53	49.74	55.99	29.27	30.93	36.30	36.78	31.00	30.68	480.67
1984	Wet	31.24	28.15	54.12	51.54	51.51	56.15	35.50	40.62	41.44	41.79	43.49	38.93	514.48
1985	Dry	35.35	31.59	37.60	45.68	46.71	43.49	38.36	38.32	39.28	39.41	40.86	36.52	473.17
1986	Wet	33.07	29.51	25.69	42.34	39.63	58.08	38.38	41.68	42.74	43.08	45.07	39.81	479.08
1987	Dry	36.04	32.24	27.92	51.94	49.68	27.89	25.30	30.98	31.86	31.66	28.32	24.14	397.97
1988	Critical	13.16	9.41	7.65	6.28	9.25	10.43	17.72	21.01	21.24	21.40	19.02	16.17	172.74
1989	Dry	7.98	5.87	4.97	4.08	8.01	10.38	38.72	45.58	34.89	51.49	47.66	46.40	306.03
1990	Critical	35.79	31.71	24.72	10.92	11.73	13.08	22.31	27.00	27.66	27.65	24.62	20.96	278.15
1991	Critical	11.03	7.80	6.54	5.57	7.73	10.16	17.98	20.45	13.02	24.72	21.80	18.71	165.51
1992	Critical	9.33	6.37	5.74	4.75	7.36	9.77	17.77	21.08	21.25	1.91	1.80	16.86	123.99
1993	Above Normal	22.31	2.22	26.58	6.38	19.22	28.96	37.74	39.83	27.87	44.19	45.27	40.07	340.64
1994	Critical	33.90	30.14	25.03	31.07	29.75	24.01	32.26	37.18	31.57	41.23	13.47	36.88	366.49
1995	Wet	8.24	24.43	45.83	5.91	16.76	25.67	43.70	43.04	44.09	44.48	46.34	41.17	389.66
1996	Wet	37.46	33.45	29.16	48.11	49.39	44.16	41.73	40.80	41.75	42.00	43.65	38.98	490.64
1997	Wet	35.46	31.67	27.64	51.45	49.69	58.24	36.97	38.62	39.41	39.81	41.63	36.87	487.46
1998	Wet	33.11	29.48	25.42	51.00	49.71	51.65	37.85	39.16	40.10	40.80	42.77	37.44	478.49
1999	Wet	35.23	35.17	32.51	51.52	49.73	53.11	39.36	40.12	40.95	41.38	43.13	38.53	500.74
2000	Above Normal	35.00	31.25	27.20	46.94	45.30	35.77	38.27	43.29	43.71	46.43	46.89	41.06	481.11
2001	Dry	32.43	28.72	22.82	17.01	16.57	15.25	25.52	31.46	32.31	32.40	28.94	24.63	308.06
2002	Dry	13.37	9.64	7.77	5.32	11.59	19.13	41.73	40.66	41.50	41.88	43.30	38.80	314.69
2003	Above Normal	35.31	21.36	37.71	7.28	12.18	19.00	32.25	37.29	4.69	47.16	46.99	41.10	342.32
	Average	29.77	26.54	24.90	29.14	30.70	34.17	34.53	37.41	33.96	40.15	39.37	35.70	396.34
	Wet	32.21	29.24	28.41	39.30	41.64	48.99	38.76	39.63	40.64	41.18	42.68	37.88	460.57
	Above Normal	32.87	26.33	29.23	27.25	30.70	33.90	36.48	39.18	33.18	43.47	44.62	39.38	416.58
	Below Normal	30.01	29.75	26.25	30.09	30.97	36.91	35.93	40.02	30.38	45.33	46.10	40.56	422.29
	Dry	27.38	23.90	21.07	23.51	23.79	23.54	34.36	38.85	34.94	42.04	39.68	36.64	369.71
	Critical	24.69	21.10	17.13	16.37	17.00	15.09	22.07	25.63	22.95	25.71	18.61	20.23	246.58

Energy Use (GWh) At Pumping Plant at Buena Vista: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	59.76	49.11	38.98	9.66	17.84	29.90	38.50	37.78	38.60	38.88	40.46	36.06	435.53
1923	Below Normal	32.47	28.92	25.09	51.45	49.67	49.57	35.50	40.19	40.42	42.93	43.79	38.26	478.26
1924	Critical	30.26	26.64	21.11	17.39	17.19	14.97	19.96	24.00	24.44	24.42	21.76	18.52	260.66
1925	Dry	9.37	6.82	5.75	4.89	7.69	23.21	33.38	43.57	43.98	46.93	47.17	41.15	313.91
1926	Dry	31.47	27.78	21.60	10.88	12.39	17.53	25.82	37.58	37.87	40.35	40.57	35.37	339.21
1927	Wet	26.68	23.41	18.03	10.01	16.05	35.19	41.28	41.11	42.07	42.30	43.82	39.20	379.15
1928	Above Normal	35.73	31.92	27.92	44.43	43.83	27.22	41.31	40.71	41.53	41.84	43.16	38.65	458.25
1929	Critical	34.92	31.24	27.25	40.47	37.75	21.22	17.14	22.37	22.63	22.73	20.27	16.84	314.83
1930	Dry	8.75	6.40	5.40	4.45	8.78	12.25	28.38	33.51	34.12	35.35	33.85	29.24	240.48
1931	Critical	19.38	15.99	12.10	8.38	9.78	11.65	23.09	28.10	28.67	28.75	25.59	21.74	233.22
1932	Dry	11.13	8.36	6.94	6.42	10.23	15.22	28.92	33.54	33.75	35.79	35.49	30.91	256.70
1933	Critical	22.32	19.30	14.69	9.22	10.61	14.14	25.66	32.35	33.21	33.58	30.60	26.18	271.86
1934	Critical	15.27	11.45	8.64	7.40	8.37	12.15	24.65	30.07	30.80	30.80	5.72	1.47	186.79
1935	Below Normal	14.86	31.87	23.78	7.19	9.91	14.49	37.08	43.39	26.38	50.45	50.55	44.23	354.18
1936	Below Normal	33.85	30.04	23.41	11.28	14.09	43.86	37.97	42.74	43.74	43.99	45.61	40.80	411.38
1937	Below Normal	37.28	33.35	29.19	45.71	49.96	54.68	36.77	40.37	41.33	41.74	43.35	38.35	492.08
1938	Wet	34.57	30.86	26.80	51.48	49.73	54.68	35.45	38.13	39.15	39.59	41.57	36.44	478.45
1939	Dry	32.46	28.83	25.71	51.76	50.00	57.65	38.09	42.70	23.73	49.61	36.07	48.27	484.88
1940	Above Normal	38.49	16.80	40.52	5.85	7.34	19.40	37.03	44.01	37.46	48.83	49.02	42.79	387.54
1941	Wet	32.83	29.00	22.60	16.24	21.10	50.22	31.10	35.33	36.03	36.60	38.36	33.63	383.04
1942	Wet	29.76	26.44	22.58	51.50	49.73	58.62	45.29	37.59	38.45	38.81	40.49	35.95	475.21
1943	Wet	32.37	28.79	24.88	44.69	49.69	48.81	44.24	42.42	43.33	43.80	45.62	40.55	489.19
1944	Dry	36.81	32.86	28.58	32.89	30.76	21.01	29.16	34.20	34.37	36.26	35.52	30.85	383.27
1945	Below Normal	21.66	18.40	14.06	10.84	11.87	49.14	37.95	41.09	42.09	42.34	43.83	39.22	372.49
1946	Below Normal	35.71	31.89	37.27	46.86	35.20	38.30	39.01	39.03	39.84	40.14	41.81	37.35	462.41
1947	Dry	33.83	30.18	26.24	45.02	43.72	28.27	40.27	43.39	44.00	45.74	46.41	41.01	468.08
1948	Below Normal	34.00	30.22	24.83	25.73	24.46	16.38	24.64	31.94	3.73	50.88	50.81	44.49	362.11
1949	Dry	34.09	30.20	23.56	11.92	12.66	16.19	40.35	42.74	43.52	44.99	45.71	40.48	386.41
1950	Below Normal	34.00	30.27	25.11	10.82	11.13	13.69	34.00	39.27	1.57	50.62	50.34	43.85	344.67
1951	Above Normal	33.51	29.50	27.24	51.20	45.58	54.56	35.17	40.11	41.03	41.23	42.94	38.39	480.46
1952	Wet	34.86	31.10	27.06	51.45	51.19	37.68	32.64	32.75	33.20	33.88	35.59	31.15	432.55
1953	Wet	27.32	24.14	39.17	51.49	49.71	54.48	39.70	37.20	37.71	38.85	40.05	35.52	475.34
1954	Above Normal	30.55	27.08	22.74	35.54	35.57	34.39	37.62	43.71	43.95	44.64	47.97	41.86	445.62
1955	Dry	32.08	28.29	21.99	11.89	13.99	18.63	31.34	36.26	36.35	38.89	39.05	34.06	342.82
1956	Wet	25.52	22.36	17.19	36.96	46.90	55.46	40.29	43.77	44.88	45.13	47.03	42.00	467.49
1957	Above Normal	38.37	34.30	29.90	51.91	49.34	33.20	31.34	27.43	1.73	48.34	47.93	41.85	435.64
1958	Wet	31.76	27.95	21.72	9.63	24.15	50.10	40.23	43.97	45.07	45.51	47.57	42.03	429.69
1959	Below Normal	38.20	34.05	29.56	51.91	50.07	52.88	34.94	40.27	14.65	48.93	48.86	42.79	487.11
1960	Dry	32.74	28.94	22.48	10.40	10.69	14.45	39.82	45.58	33.97	51.56	40.63	48.83	380.09
1961	Dry	38.51	34.24	27.09	14.55	15.17	14.52	33.84	39.04	39.47	42.05	36.13	23.97	358.58
1962	Below Normal	6.80	34.08	37.63	5.97	7.00	18.17	34.23	39.85	2.02	51.33	51.13	44.59	332.80
1963	Wet	34.11	30.08	23.51	21.28	24.77	33.18	38.27	38.54	39.31	39.59	41.25	36.88	400.77
1964	Dry	33.39	29.75	37.73	39.51	25.73	27.34	40.98	40.04	40.96	41.21	42.79	38.25	437.68
1965	Wet	34.83	31.04	27.10	41.76	44.01	35.82	37.67	37.50	36.33	39.02	40.43	36.01	441.52
1966	Below Normal	32.02	28.46	24.41	46.29	48.12	37.12	36.16	41.26	39.03	44.72	45.49	39.63	462.71
1967	Wet	30.89	27.18	21.30	13.33	27.18	34.65	41.02	40.94	41.86	42.29	44.07	39.14	403.85
1968	Below Normal	35.45	31.60	27.43	51.47	51.46	55.39	40.74	39.61	40.13	42.17	43.07	37.71	496.23
1969	Wet	30.27	26.67	21.33	28.16	49.52	56.02	34.64	38.45	39.28	39.82	41.89	36.81	442.86
1970	Wet	35.50	26.60	25.08	51.53	49.75	56.86	36.79	40.12	41.05	41.26	42.93	38.36	485.83
1971	Wet	34.87	31.08	27.07	51.45	49.66	42.49	34.70	40.80	40.15	44.18	44.74	38.91	480.10
1972	Below Normal	29.72	26.12	20.23	11.10	21.45	30.54	37.16	41.85	42.34	44.73	45.35	39.64	390.23
1973	Above Normal	31.31	27.63	21.89	16.44	31.12	41.28	36.80	41.31	42.33	42.42	44.06	39.39	415.98
1974	Wet	35.90	32.04	27.99	51.45	49.70	51.38	43.52	40.22	41.26	41.46	43.26	38.52	496.70
1975	Wet	34.89	31.05	26.92	50.84	49.61	48.07	41.60	40.81	41.81	41.91	43.42	38.91	489.84
1976	Critical	35.36	31.59	27.63	44.54	43.68	28.03	35.03	40.75	18.78	48.49	36.80	46.11	436.79
1977	Critical	35.42	31.41	24.44	10.38	10.73	11.20	11.99	2.53	1.69	2.09	1.83	1.49	145.20
1978	Above Normal	0.63	9.02	26.60	5.92	10.52	27.62	37.61	38.56	39.29	40.10	41.23	36.56	313.66
1979	Below Normal	31.81	28.21	23.92	36.31	35.38	40.93	40.14	39.52	40.48	40.63	42.14	37.61	437.08
1980	Above Normal	34.02	30.31	26.44	44.35	51.43	57.58	32.49	36.54	37.29	37.87	39.64	34.87	462.83
1981	Dry	31.07	27.59	23.67	51.67	50.01	41.87	35.18	41.58	15.73	50.35	44.82	45.81	459.35
1982	Wet	35.13	31.16	24.25	20.06	23.93	56.65	41.72	41.14	43.44	43.86	45.91	40.49	447.74
1983	Wet	36.62	37.92	53.94	51.53	49.74	55.99	29.27	30.93	36.30	36.78	31.00	30.68	480.70
1984	Wet	31.24	28.15	54.12	51.54	51.51	56.15	35.50	40.62	41.44	41.79	43.49	38.93	514.48
1985	Dry	35.35	31.59	37.60	45.68	46.71	43.49	38.36	38.32	39.28	39.42	40.86	36.52	473.18
1986	Wet	33.07	29.51	25.69	42.34	39.63	45.03	41.29	41.70	42.76	43.10	45.10	39.83	469.05
1987	Dry	36.06	32.25	27.93	51.94	49.68	27.90	24.50	29.92	30.73	30.54	27.32	23.29	392.06
1988	Critical	12.60	8.97	7.37	6.13	9.17	10.41	17.72	21.01	21.25	21.40	19.02	16.17	171.22
1989	Dry	7.99	5.87	4.97	4.07	8.00	10.36	38.68	45.54	34.65	51.49	46.34	46.81	304.77
1990	Critical	36.12	32.02	24.96	10.92	11.73	13.08	22.32	27.01	27.66	27.66	24.62	20.97	279.07
1991	Critical	11.03	7.80	6.54	5.57	7.73	10.16	17.98	20.03	13.02	24.83	21.88	18.79	165.36
1992	Critical	9.37	5.95	6.04	4.92	7.36	9.77	17.77	21.08	21.24	1.91	1.80	16.75	123.96
1993	Above Normal	22.20	2.04	26.97	6.38	19.20	28.87	37.74	39.88	27.43	44.34	45.41	40.20	340.66
1994	Critical	33.98	30.21	25.07	30.86	29.56	23.94	32.26	37.18	31.63	41.22	13.47	36.86	366.24
1995	Wet	8.23	24.43	45.82	5.91	16.76	25.66	43.70	43.04	44.09	44.48	46.34	41.17	389.63
1996	Wet	37.46	33.45	29.16	24.19	28.22	34.65	40.94	40.00	40.90	41.15	42.80	38.24	431.16
1997	Wet	34.74	31.01	27.04	51.44	49.68	58.30	37.29	38.70	39.49	39.89	41.71	36.95	486.24
1998	Wet	33.20	29.56	25.50	51.28	49.71	51.60	37.82	37.65	38.46	39.07	40.85	35.99	470.69
1999	Wet	36.73	33.20	33.22	51.49	49.70	49.90	37.31	40.19	41.03	41.47	43.21	38.60	496.05
2000	Above Normal	35.07	31.32	27.25	47.13	45.54	35.49	38.20	43.51	43.90	46.74	47.15	41.25	482.55
2001	Dry	32.35	28.64	22.64	15.70	15.40	14.93	25.70	31.70	32.57	32.66	29.17	24.83	306.29
2002	Dry	13.49	9.74	7.84	5.33	11.62	19.11	41.61	40.54	41.37	41.75	43.17	38.68	314.25
2003	Above Normal	35.19	22.40	36.46	7.70	12.56	19.14	32.24	37.28	4.69	47.16	46.98	41.10	342.90
	Average	29.67	26.44	24.90	28.51	30.22	33.73	34.46	37.33	33.92	40.08	39.26	35.64	394.15
	Wet	32.05	29.16	28.43	37.81	40.82	47.60	38.59	39.37	40.34	40.98	42.40	37.73	455.28
	Above Normal	32.90	25.95	29.41	27.21	30.82	34.05	36.34	39.24	33.27	43.53	44.66	39.41	416.80
	Below Normal	29.85	29.82	26.14	29.50	29.98	36.80	36.16	40.03	29.84	45.40	46.15	40.61	420.27
	Dry	27.27	23.80	20.98	23.28	23.51	23.55	34.13	38.88	35.58	41.94	39.50	36.57	369.00
	Critical	24.67	21.05	17.15	16.35	16.97	15.06	22.13	25.54	22.92	25.66	18.61	20.16	246.27

Difference in Energy Use (GWh) At Pumping Plant at Buena Vista: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.01	0.00	0.00	0.00	0.00	(0.07)	0.00	0.03	0.03	0.05	0.03	0.03	0.01
1924	Critical	0.00	0.00	(0.01)	(0.28)	(0.25)	(0.21)	(0.35)	(0.47)	(0.50)	(0.49)	(0.43)	(0.37)	(0.28)
1925	Dry	(0.24)	(0.15)	(0.12)	(0.12)	(0.09)	(1.51)	0.11	0.13	0.14	0.15	0.15	0.13	(0.12)
1926	Dry	0.12	0.10	0.09	0.02	(0.02)	(0.05)	(0.07)	(0.11)	(0.11)	(0.12)	(0.12)	(0.10)	(0.03)
1927	Wet	(0.09)	(0.08)	(0.06)	0.01	(0.09)	0.01	0.05	0.05	0.05	0.05	0.05	0.04	0.00
1928	Above Normal	0.05	0.04	0.04	0.05	0.03	0.01	(0.01)	0.03	0.03	0.05	0.04	0.03	0.03
1929	Critical	0.00	0.00	(0.02)	(0.14)	(0.12)	(0.05)	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.05	(0.03)
1930	Dry	(0.04)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1931	Critical	(0.01)	(0.01)	(0.01)	0.00	0.01	0.01	0.03	0.04	0.05	0.05	0.04	0.22	0.04
1932	Dry	0.05	(0.11)	(0.05)	(0.02)	0.00	0.03	0.03	0.01	0.00	0.02	0.06	0.06	0.01
1933	Critical	0.11	0.12	0.09	0.03	0.01	(0.10)	(0.13)	(0.09)	(0.07)	(0.14)	(0.25)	(0.23)	(0.05)
1934	Critical	(0.30)	(0.32)	(0.14)	(0.19)	(0.06)	0.03	0.10	0.14	0.15	0.15	0.42	0.00	0.00
1935	Below Normal	(2.13)	1.21	0.92	0.01	0.01	0.01	(0.20)	(0.24)	(1.20)	(0.10)	(0.08)	(0.06)	(0.15)
1936	Below Normal	(0.04)	(0.02)	(0.01)	0.02	0.08	(0.43)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.04)
1937	Below Normal	(0.02)	(0.01)	(0.01)	0.01	0.00	5.73	(0.59)	(0.56)	(0.58)	(0.58)	(0.58)	(0.55)	0.19
1938	Wet	(0.56)	(0.52)	(0.49)	0.00	0.00	(1.00)	0.81	(2.32)	(2.33)	(0.88)	(2.33)	(0.37)	(0.83)
1939	Dry	(0.38)	(0.35)	(0.32)	0.09	0.09	(1.22)	(3.92)	0.68	4.51	(0.12)	(0.70)	(0.07)	(0.14)
1940	Above Normal	0.15	(6.30)	2.81	(1.30)	(1.13)	(0.35)	(0.02)	(0.01)	(0.08)	(0.01)	(0.01)	0.00	(0.52)
1941	Wet	0.00	(0.01)	0.00	0.00	0.00	(1.81)	0.00	0.00	0.00	0.00	0.00	0.00	(0.15)
1942	Wet	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.17)	(0.13)	(0.14)	(0.15)	(0.17)	(0.13)	(0.07)
1943	Wet	(0.11)	(0.10)	(0.07)	0.63	0.00	0.85	0.87	(0.03)	(0.05)	(0.06)	(0.09)	(0.05)	0.15
1944	Dry	(0.02)	(0.01)	0.01	(4.83)	(4.34)	(1.49)	(0.08)	(0.05)	(0.03)	(0.08)	(0.14)	(0.14)	(0.93)
1945	Below Normal	(0.20)	(0.22)	(0.17)	(0.06)	(0.03)	(4.36)	0.05	0.05	0.06	0.06	0.06	0.05	(0.39)
1946	Below Normal	0.05	0.04	0.28	0.00	0.00	0.13	0.16	0.16	0.18	0.17	0.19	0.16	0.13
1947	Dry	0.17	0.15	0.14	0.28	0.06	(0.05)	(0.04)	0.11	0.11	0.17	0.15	0.10	0.11
1948	Below Normal	(0.03)	(0.04)	(0.09)	(0.63)	(0.57)	(0.21)	0.03	0.75	(0.10)	0.05	0.06	0.04	(0.06)
1949	Dry	0.03	0.01	0.02	(0.01)	0.01	(0.03)	0.00	0.04	0.03	0.05	0.04	0.03	0.02
1950	Below Normal	(0.01)	(0.01)	(0.02)	(0.33)	(0.30)	(0.10)	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.07)
1951	Above Normal	(0.01)	(0.01)	(0.41)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(1.32)	(1.39)	(1.48)	(1.72)	(1.31)	(0.60)
1953	Wet	(1.16)	(1.09)	1.53	(0.04)	(0.03)	(4.20)	(7.96)	(0.70)	(0.29)	(0.48)	(0.43)	(0.31)	(1.26)
1954	Above Normal	0.08	0.10	0.27	1.99	1.90	1.39	0.25	0.33	1.57	(0.20)	0.19	0.16	0.67
1955	Dry	0.15	0.13	0.11	0.12	0.01	(0.05)	(0.23)	(0.28)	(0.29)	(0.31)	(0.32)	(0.27)	(0.10)
1956	Wet	(0.23)	(0.21)	(0.16)	(6.20)	0.01	0.01	0.02	0.03	0.03	0.03	0.02	0.03	(0.55)
1957	Above Normal	0.03	0.03	0.02	0.00	(0.01)	(0.02)	0.02	0.12	0.00	0.01	0.00	0.00	0.02
1958	Wet	0.01	0.01	0.00	0.00	0.00	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.02	0.00	(1.08)	(0.84)	(1.01)	(6.76)	0.13	0.01	0.07	(0.79)
1960	Dry	0.02	0.03	0.01	(0.15)	(0.14)	0.07	0.05	(0.10)	1.44	(0.48)	1.19	(0.97)	0.08
1961	Dry	(0.58)	(0.52)	(0.35)	0.67	0.60	0.24	0.07	0.08	0.09	0.09	0.44	(0.04)	0.07
1962	Below Normal	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	(0.02)	0.10	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	0.00
1965	Wet	(0.01)	(0.02)	(0.02)	0.16	0.10	(0.23)	0.02	0.08	(0.59)	0.22	0.21	0.18	0.01
1966	Below Normal	0.13	0.12	0.08	(0.26)	(0.26)	(0.12)	0.00	0.01	(0.03)	0.02	0.02	0.01	(0.02)
1967	Wet	0.01	0.01	0.00	(0.05)	(0.03)	(0.01)	0.01	(0.05)	(0.05)	(0.06)	(0.06)	(0.05)	(0.03)
1968	Below Normal	(0.04)	(0.03)	(1.85)	0.00	(0.01)	0.15	0.09	0.68	0.62	0.97	0.88	0.64	0.18
1969	Wet	(0.11)	(0.14)	(0.42)	(8.92)	0.07	(0.01)	(0.21)	(0.20)	(0.21)	(0.21)	(0.22)	(0.20)	(0.90)
1970	Wet	(0.20)	(0.19)	(0.17)	0.00	0.00	(0.08)	(0.51)	0.08	0.07	0.08	0.08	0.07	(0.06)
1971	Wet	0.07	0.06	0.06	0.00	0.00	(0.07)	(0.08)	(0.10)	(0.70)	0.03	0.00	0.01	(0.06)
1972	Below Normal	0.01	0.01	0.01	0.04	0.03	0.00	(0.01)	(0.03)	(0.02)	(0.03)	(0.02)	(0.02)	0.00
1973	Above Normal	(0.01)	(0.01)	0.00	0.05	0.04	0.11	(0.08)	0.01	0.00	0.01	0.01	0.01	0.01
1974	Wet	0.01	0.00	0.00	0.00	0.00	(2.09)	1.82	(0.36)	(0.38)	(0.40)	(0.45)	(0.34)	(0.18)
1975	Wet	(0.30)	(0.26)	(0.21)	(0.86)	(0.39)	(1.77)	0.45	0.46	0.48	0.48	0.50	0.45	(0.08)
1976	Critical	0.44	0.40	0.36	0.51	0.38	0.06	(0.23)	(0.27)	(0.12)	(0.33)	0.17	(0.44)	0.08
1977	Critical	(0.37)	(0.34)	(0.28)	(0.04)	(0.04)	(0.01)	1.34	0.00	0.04	0.00	(0.03)	0.00	0.02
1978	Above Normal	0.00	0.39	(0.10)	0.00	0.01	(0.68)	(0.05)	1.39	1.32	1.93	1.68	1.30	0.60
1979	Below Normal	(0.03)	(0.09)	(0.69)	(7.19)	(12.70)	(1.18)	4.59	0.28	0.29	0.27	0.25	0.29	(1.33)
1980	Above Normal	0.32	0.29	0.30	(1.84)	0.00	1.57	(1.74)	(1.41)	(1.49)	(1.54)	(1.74)	(1.43)	(0.73)
1981	Dry	(1.33)	(1.25)	(1.04)	1.04	(0.07)	4.58	0.78	1.00	6.82	(0.15)	(1.60)	0.42	0.77
1982	Wet	0.38	0.33	0.28	0.13	0.14	0.01	0.01	0.01	0.00	0.01	0.00	0.01	0.11
1983	Wet	(2.65)	2.67	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(13.05)	2.91	0.02	0.02	0.02	0.03	0.02	(0.84)
1987	Dry	0.02	0.01	0.01	0.00	0.00	0.01	(0.80)	(1.06)	(1.13)	(1.12)	(1.00)	(0.85)	(0.49)
1988	Critical	(0.56)	(0.44)	(0.28)	(0.15)	(0.08)	(0.02)	0.00	0.00	0.01	0.00	0.00	0.00	(0.13)
1989	Dry	0.01	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.04)	(0.04)	(0.24)	0.00	(1.32)	0.41	(0.10)
1990	Critical	0.33	0.31	0.24	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.01	0.08
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.42)	0.00	0.11	0.08	0.08	(0.01)
1992	Critical	0.04	(0.42)	0.30	0.17	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.11)	0.00
1993	Above Normal	(0.11)	(0.18)	0.39	0.00	(0.02)	(0.09)	0.00	0.05	(0.44)	0.15	0.14	0.13	0.00
1994	Critical	0.08	0.07	0.04	(0.21)	(0.19)	(0.07)	0.00	0.00	0.06	(0.01)	0.00	(0.02)	(0.02)
1995	Wet	(0.01)	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	(23.92)	(21.17)	(9.51)	(0.79)	(0.80)	(0.85)	(0.85)	(0.85)	(0.74)	(4.96)
1997	Wet	(0.72)	(0.66)	(0.60)	(0.01)	(0.01)	0.06	0.32	0.08	0.08	0.08	0.08	0.08	(0.10)
1998	Wet	0.09	0.08	0.08	0.28	0.00	(0.05)	(0.03)	(1.51)	(1.64)	(1.73)	(1.92)	(1.45)	(0.65)
1999	Wet	1.50	(1.97)	0.71	(0.03)	(0.03)	(3.21)	(2.05)	0.07	0.08	0.09	0.08	0.07	(0.39)
2000	Above Normal	0.07	0.07	0.05	0.19	0.24	(0.28)	(0.07)	0.22	0.19	0.31	0.26	0.19	0.12
2001	Dry	(0.08)	(0.08)	(0.18)	(1.31)	(1.17)	(0.32)	0.18	0.24	0.26	0.26	0.23	0.20	(0.15)
2002	Dry	0.12	0.10	0.07	0.01	0.03	(0.02)	(0.12)	(0.12)	(0.13)	(0.13)	(0.13)	(0.12)	(0.04)
2003	Above Normal	(0.12)	1.04	(1.25)	0.42	0.38	0.14	(0.01)	(0.01)	0.00	0.00	(0.01)	0.00	0.05
	Average	(0.10)	(0.10)	(0.00)	(0.64)	(0.48)	(0.44)	(0.08)	(0.08)	(0.04)	(0.07)	(0.11)	(0.06)	(0.18)
	Wet	(0.16)	(0.08)	0.02	(1.49)	(0.82)	(1.39)	(0.17)	(0.26)	(0.30)	(0.20)	(0.28)	(0.15)	(0.44)
	Above Normal	0.04	(0.38)	0.18	(0.04)	0.12	0.15	(0.14)	0.06	0.09	0.06	0.05	0.03	0.02
	Below Normal	(0.17)	0.07	(0.11)	(0.60)	(0.98)	(0.11)	0.23	0.01	(0.54)	0.07	0.06	0.05	(0.17)
	Dry	(0.11)	(0.11)	(0.09)	(0.24)	(0.28)	0.02	(0.23)	0.03	0.64	(0.10)	(0.17)	(0.07)	(0.06)
	Critical	(0.02)	(0.05)	0.02	(0.03)	(0.03)	(0.03)	0.06	(0.09)	(0.03)	(0.05)	(0.00)	(0.07)	(0.03)

Percent Difference in Energy Use (GWh) At Pumping Plant at Buena Vista: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	-2%	-1%	-1%	-2%	-2%	-2%	-2%	-2%	-2%
1925	Dry	-2%	-2%	-2%	-2%	-1%	-6%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1932	Dry	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	1%	1%	0%	0%	-1%	-1%	0%	0%	0%	-1%	-1%
1934	Critical	-2%	-3%	-2%	-3%	-1%	0%	0%	0%	0%	0%	8%	0%
1935	Below Normal	-13%	4%	4%	0%	0%	0%	-1%	-1%	-4%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	1%	-1%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	12%	-2%	-1%	-1%	-1%	-1%	-1%
1938	Wet	-2%	-2%	-2%	0%	0%	-2%	2%	-6%	-6%	-2%	-5%	-1%
1939	Dry	-1%	-1%	-1%	0%	0%	-2%	-9%	2%	23%	0%	-2%	0%
1940	Above Normal	0%	-27%	7%	-18%	-13%	-2%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	1%	0%	2%	2%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	-13%	-12%	-7%	0%	0%	0%	0%	0%	0%
1945	Below Normal	-1%	-1%	-1%	-1%	0%	-8%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	1%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-2%	-2%	-1%	0%	2%	-3%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-3%	-3%	-1%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	-4%	-4%	-4%	-5%	-4%
1953	Wet	-4%	-4%	4%	0%	0%	-7%	-17%	-2%	-1%	-1%	-1%	-1%
1954	Above Normal	0%	0%	1%	6%	6%	4%	1%	1%	4%	0%	0%	0%
1955	Dry	0%	0%	1%	1%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-1%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-2%	-2%	-2%	-32%	0%	0%	0%
1960	Dry	0%	0%	0%	-1%	-1%	0%	0%	0%	4%	-1%	3%	-2%
1961	Dry	-1%	-1%	-1%	5%	4%	2%	0%	0%	0%	0%	1%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	-2%	1%	1%	1%
1966	Below Normal	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	-6%	0%	0%	0%	0%	2%	2%	2%	2%	2%
1969	Wet	0%	-1%	-2%	-24%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1970	Wet	-1%	-1%	-1%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	-4%	4%	-1%	-1%	-1%	-1%	-1%
1975	Wet	-1%	-1%	-1%	-2%	-1%	-4%	1%	1%	1%	1%	1%	1%
1976	Critical	1%	1%	1%	1%	1%	0%	-1%	-1%	-1%	-1%	0%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	13%	0%	2%	0%	-2%	0%
1978	Above Normal	0%	5%	0%	0%	0%	-2%	0%	4%	3%	5%	4%	4%
1979	Below Normal	0%	0%	-3%	-17%	-26%	-3%	13%	1%	1%	1%	1%	1%
1980	Above Normal	1%	1%	1%	-4%	0%	3%	-5%	-4%	-4%	-4%	-4%	-4%
1981	Dry	-4%	-4%	-4%	2%	0%	12%	2%	2%	77%	0%	-3%	1%
1982	Wet	1%	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	-7%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-22%	8%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-3%	-3%	-4%	-4%	-4%	-4%
1988	Critical	-4%	-5%	-4%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	-3%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%
1992	Critical	0%	-7%	5%	4%	0%	0%	0%	0%	0%	0%	0%	-1%
1993	Above Normal	0%	-8%	1%	0%	0%	0%	0%	0%	-2%	0%	0%	0%
1994	Critical	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	-50%	-43%	-22%	-2%	-2%	-2%	-2%	-2%	-2%
1997	Wet	-2%	-2%	-2%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	1%	0%	0%	0%	-4%	-4%	-4%	-4%	-4%
1999	Wet	4%	-6%	2%	0%	0%	-6%	-5%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	1%	-1%	0%	1%	0%	1%	1%	0%
2001	Dry	0%	0%	-1%	-8%	-7%	-2%	1%	1%	1%	1%	1%	1%
2002	Dry	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	5%	-3%	6%	3%	1%	0%	0%	0%	0%	0%	0%
	Average	0%	-1%	0%	-2%	-1%	-1%	0%	0%	1%	0%	0%	0%
	Wet	0%	0%	0%	-3%	-2%	-3%	0%	-1%	-1%	-1%	-1%	0%
	Above Normal	0%	-2%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	-1%	0%	0%	-2%	-2%	0%	1%	0%	-3%	0%	0%	0%
	Dry	0%	0%	0%	-1%	-1%	0%	-1%	0%	6%	0%	0%	0%
	Critical	0%	-1%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%

Energy Use (GWh) At Pumping Plant at Chrisman: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	152.97	128.04	101.68	25.20	46.67	77.39	98.83	95.72	97.03	97.59	102.71	92.45	1,116.28
1923	Below Normal	83.76	75.66	65.69	134.85	130.07	129.38	89.85	100.42	99.66	106.05	109.66	97.08	1,222.13
1924	Critical	77.12	69.36	55.01	46.03	45.40	38.96	51.65	60.89	61.13	60.59	54.24	47.61	667.99
1925	Dry	23.99	17.86	15.14	12.97	20.21	63.55	84.02	108.84	108.44	116.01	118.01	104.27	793.31
1926	Dry	79.87	72.05	56.02	28.36	32.35	44.76	65.82	94.39	93.88	100.28	102.06	90.11	859.95
1927	Wet	68.12	61.10	47.06	26.06	41.93	91.34	106.12	104.47	106.14	106.56	111.52	100.66	971.08
1928	Above Normal	92.29	83.48	73.08	115.54	113.96	70.03	106.39	103.63	104.98	105.58	109.99	99.36	1,178.31
1929	Critical	90.36	81.83	71.48	105.52	98.37	54.85	43.59	55.71	55.48	55.32	49.58	42.25	804.34
1930	Dry	21.91	16.42	13.96	11.52	22.81	31.28	72.09	83.69	84.06	86.92	84.07	74.10	602.83
1931	Critical	49.08	41.48	31.43	21.86	25.43	29.77	58.65	69.87	70.20	69.90	62.50	54.27	584.44
1932	Dry	27.68	21.77	18.06	16.74	26.52	38.63	73.34	83.92	83.32	88.42	88.60	78.29	645.29
1933	Critical	56.41	49.84	37.94	23.98	27.60	36.42	65.56	80.85	81.76	82.40	75.90	66.78	685.44
1934	Critical	39.23	30.39	22.73	19.78	21.92	30.99	62.43	74.54	75.21	74.66	8.71	3.49	464.08
1935	Below Normal	41.62	79.88	59.70	18.70	25.75	36.88	94.59	109.28	65.43	125.89	127.46	112.86	898.04
1936	Below Normal	86.53	78.34	61.06	29.42	36.38	115.46	97.52	108.80	110.55	111.03	116.29	104.95	1,056.33
1937	Below Normal	96.49	87.39	76.55	118.75	130.07	127.04	95.47	103.58	105.19	106.06	111.39	99.63	1,257.61
1938	Wet	90.58	82.10	71.45	134.85	130.07	145.24	87.91	101.76	103.39	100.49	110.76	93.76	1,252.36
1939	Dry	84.28	76.22	68.07	134.85	130.07	153.36	107.15	105.24	43.62	123.98	91.10	123.70	1,241.64
1940	Above Normal	98.40	59.98	98.80	18.34	21.81	50.08	94.04	110.32	91.71	121.36	123.24	108.91	996.99
1941	Wet	83.74	75.55	58.88	42.54	55.22	135.69	79.01	88.88	89.75	91.07	96.78	85.78	982.89
1942	Wet	76.44	69.07	59.02	134.85	130.07	152.85	117.03	95.34	96.72	97.51	103.00	92.34	1,224.24
1943	Wet	83.69	75.55	65.31	114.74	130.07	124.81	111.13	107.30	108.70	109.76	115.81	103.93	1,250.80
1944	Dry	94.94	86.00	74.80	97.36	90.61	57.71	74.23	85.67	84.85	89.70	89.01	78.63	1,003.51
1945	Below Normal	55.48	48.35	36.97	28.44	30.98	139.77	97.27	104.39	106.15	106.63	111.51	100.68	966.62
1946	Below Normal	92.22	83.40	97.12	122.74	91.84	99.00	99.84	98.67	99.90	100.54	105.85	95.46	1,186.58
1947	Dry	86.95	78.62	68.38	116.43	113.43	72.78	103.09	109.31	109.76	114.01	117.00	104.60	1,194.36
1948	Below Normal	87.40	79.03	65.13	68.55	65.07	42.70	62.60	77.08	3.81	127.33	128.38	113.66	920.74
1949	Dry	87.26	78.74	61.44	31.15	32.96	41.33	103.30	107.95	108.90	112.55	115.59	103.48	984.65
1950	Below Normal	87.42	79.10	65.71	28.37	29.16	35.11	86.30	98.37	3.71	124.73	125.61	111.02	874.61
1951	Above Normal	85.04	76.71	72.08	134.85	119.87	142.47	90.10	101.82	103.36	103.71	109.20	98.55	1,237.76
1952	Wet	90.05	81.41	70.89	134.85	134.06	97.69	83.24	85.75	86.23	88.06	94.21	82.83	1,129.27
1953	Wet	73.16	65.91	98.81	134.85	130.07	153.16	122.76	95.56	94.78	98.11	102.21	91.49	1,260.87
1954	Above Normal	78.22	70.45	58.71	87.25	87.55	85.01	94.77	108.57	104.42	110.72	119.87	106.00	1,111.54
1955	Dry	81.34	73.30	56.97	30.72	36.30	47.53	80.13	91.55	90.57	97.15	98.75	87.22	871.53
1956	Wet	65.50	58.70	45.14	113.64	123.27	144.62	103.12	110.92	112.86	113.31	119.44	107.70	1,218.22
1957	Above Normal	99.02	89.73	78.28	134.85	128.24	85.45	79.49	67.20	4.14	119.34	119.78	106.06	1,111.58
1958	Wet	80.63	72.66	56.49	25.07	63.24	130.67	102.53	110.86	112.64	113.60	120.28	107.42	1,096.09
1959	Below Normal	98.34	89.04	77.36	134.85	130.07	140.06	90.76	103.31	49.45	121.56	123.02	108.89	1,266.71
1960	Dry	83.56	75.33	58.56	27.56	28.24	36.82	101.08	114.61	78.40	129.71	97.85	127.37	959.09
1961	Dry	100.24	90.74	71.66	36.19	37.94	36.63	85.71	97.57	97.37	103.99	88.67	59.72	906.43
1962	Below Normal	15.37	89.03	98.63	15.45	18.12	46.05	86.89	99.83	3.86	126.82	127.88	113.08	841.01
1963	Wet	86.70	78.25	61.18	55.86	64.90	86.07	98.34	97.84	99.00	99.57	104.90	94.67	1,027.28
1964	Dry	86.25	77.87	99.08	102.78	66.96	70.47	105.47	101.83	103.42	103.89	109.00	98.31	1,125.33
1965	Wet	90.08	81.33	71.06	108.83	114.88	93.28	96.70	94.90	92.71	97.52	102.20	91.90	1,135.39
1966	Below Normal	82.30	74.15	63.69	122.04	126.78	96.42	91.56	103.04	95.80	110.50	113.91	100.56	1,180.75
1967	Wet	78.63	70.71	55.46	34.88	71.27	89.83	105.21	103.70	105.16	106.10	111.90	100.37	1,033.22
1968	Below Normal	91.52	82.76	76.71	134.85	134.71	144.14	103.92	97.68	98.00	102.28	106.07	94.35	1,266.99
1969	Wet	77.68	69.91	56.75	97.34	130.07	146.28	88.93	97.68	98.95	100.18	106.70	94.71	1,165.18
1970	Wet	92.14	69.99	66.09	134.85	130.07	148.46	95.71	101.69	103.28	103.64	109.00	98.31	1,253.23
1971	Wet	89.90	81.21	70.76	134.85	130.07	109.97	88.02	102.07	100.47	108.99	111.90	98.63	1,226.84
1972	Below Normal	75.50	67.90	52.60	28.82	56.02	79.10	94.39	104.90	104.78	110.92	113.87	100.82	989.62
1973	Above Normal	79.88	71.99	57.04	42.71	81.45	107.09	94.60	104.99	106.81	106.84	112.14	101.18	1,066.72
1974	Wet	92.79	83.89	73.34	134.85	130.07	139.21	106.92	102.59	104.42	104.79	110.76	99.50	1,283.13
1975	Wet	90.70	81.91	71.02	134.85	130.07	129.82	105.92	102.66	104.40	104.50	109.36	98.87	1,264.08
1976	Critical	90.30	81.68	71.46	114.60	112.53	71.90	89.47	102.78	42.97	121.79	90.88	119.09	1,109.45
1977	Critical	91.75	82.85	64.53	27.19	28.06	28.75	26.49	6.33	3.94	5.03	4.50	3.55	372.97
1978	Above Normal	1.40	12.63	64.37	15.39	27.14	73.18	96.54	94.48	95.79	96.15	100.69	90.57	768.33
1979	Below Normal	82.27	74.07	64.46	113.03	125.22	109.59	91.06	99.48	101.11	101.38	106.38	95.70	1,163.75
1980	Above Normal	86.97	78.55	68.47	120.34	134.71	146.29	87.39	95.99	97.26	98.73	104.93	92.95	1,212.58
1981	Dry	83.50	75.42	64.67	131.62	130.07	95.81	87.33	101.67	16.69	126.32	116.82	116.06	1,145.98
1982	Wet	89.02	80.42	62.54	52.31	62.31	147.79	106.44	103.39	108.34	109.22	115.88	103.34	1,141.00
1983	Wet	101.18	92.24	141.73	134.85	130.07	146.27	74.33	77.50	90.77	91.86	77.58	78.14	1,236.52
1984	Wet	80.45	73.62	142.34	134.85	134.71	146.67	90.97	103.16	104.44	105.19	110.66	99.97	1,327.03
1985	Dry	91.35	82.70	98.71	119.62	121.50	113.20	98.68	97.42	99.13	99.31	104.03	93.81	1,219.46
1986	Wet	85.48	77.26	67.30	110.01	102.93	151.53	98.34	105.80	107.69	108.39	114.67	102.20	1,231.60
1987	Dry	93.10	84.39	73.15	134.85	129.04	72.18	64.37	77.18	78.23	77.12	69.33	60.97	1,013.91
1988	Critical	33.06	24.23	19.80	16.33	24.05	26.68	45.08	52.26	52.00	52.01	46.43	40.71	432.64
1989	Dry	19.85	15.01	12.80	10.51	20.81	26.53	98.27	114.19	84.41	128.06	119.36	118.28	768.08
1990	Critical	91.43	82.65	64.44	28.53	30.60	33.55	56.75	67.22	67.83	67.31	60.20	52.88	703.39
1991	Critical	27.60	20.03	16.89	14.45	20.08	25.99	45.73	50.72	30.20	60.70	53.71	47.38	413.48
1992	Critical	23.38	16.33	14.83	12.29	19.11	24.95	45.21	52.46	52.04	4.55	4.35	38.68	308.18
1993	Above Normal	55.34	4.70	69.45	16.61	50.30	74.96	96.44	100.44	67.74	110.66	114.62	102.54	863.80
1994	Critical	87.18	78.77	65.45	80.83	77.34	61.48	81.86	93.11	77.03	102.36	30.25	93.88	929.54
1995	Wet	19.22	63.58	120.33	15.29	43.72	65.95	112.09	108.99	110.77	111.58	117.60	105.54	994.66
1996	Wet	96.66	87.56	76.37	125.65	128.96	114.85	107.31	103.66	105.27	105.74	111.07	100.13	1,263.23
1997	Wet	91.63	82.93	72.43	134.85	130.07	152.01	94.41	97.42	98.52	99.37	105.25	94.24	1,253.13
1998	Wet	85.22	77.07	66.52	132.72	130.07	134.46	96.78	98.29	99.66	101.28	107.71	95.39	1,225.17
1999	Wet	90.54	92.03	85.19	134.85	130.07	138.35	101.15	101.87	103.20	104.16	109.72	98.94	1,290.07
2000	Above Normal	90.43	81.83	71.26	121.99	117.85	92.00	97.34	108.76	108.48	115.50	118.00	104.58	1,228.02
2001	Dry	82.86	74.87	59.50	44.31	43.14	39.14	64.88	78.32	79.27	78.95	70.84	62.21	778.29
2002	Dry	33.56	24.82	20.12	13.75	29.97	48.56	107.58	103.69	105.10	105.93	110.57	99.90	803.55
2003	Above Normal	91.43	55.75	99.05	18.64	31.31	48.17	81.86	93.42	6.08	118.05	118.76	105.03	867.55
	Average	76.30	69.14	65.05	76.05	80.08	88.59	88.16	94.17	84.18	100.07	99.07	91.09	1,011.96
	Wet	82.69	76.38	74.36	102.81	108.94	127.57	99.25	100.16	101.86	103.10	108.11	96.95	1,182.18
	Above Normal	84.28	67.82	76.02	70.98	80.07	87.68	93.15	98.78	82.32	108.69	112.83	100.68	1,063.29
	Below Normal	76.87	77.72	68.67	78.49	80.73	95.76	91.57	100.63	74.81	112.98	116.23	103.48	1,077.96
	Dry	70.14	62.34	55.06	61.18	61.83	60.57	87.59	97.61	86.08	104.57	99.48	93.39	939.84
	Critical	63.08	54.95	44.67	42.62	44.21	38.69	56.04	63.90	55.82	63.05	45.10	50.88	623.00

Energy Use (GWh) At Pumping Plant at Chrisman: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	152.97	128.04	101.68	25.20	46.67	77.39	98.83	95.73	97.04	97.60	102.72	92.46	1,116.33
1923	Below Normal	83.77	75.67	65.69	134.85	130.07	129.20	89.84	100.49	99.73	106.14	109.75	97.15	1,222.35
1924	Critical	77.11	69.35	54.98	45.30	44.75	38.43	50.76	59.74	59.92	59.40	53.18	46.67	659.59
1925	Dry	23.38	17.49	14.84	12.66	19.99	59.58	84.30	109.18	108.79	116.38	118.39	104.61	789.59
1926	Dry	80.16	72.32	56.23	28.41	32.31	44.65	65.66	94.12	93.61	99.99	101.77	89.85	859.08
1927	Wet	67.90	60.90	46.90	26.08	41.69	91.35	106.24	104.59	106.27	106.69	111.65	100.79	971.05
1928	Above Normal	92.41	83.59	73.18	115.66	114.03	70.04	106.36	103.70	105.04	105.68	110.07	99.42	1,179.18
1929	Critical	90.34	81.82	71.43	105.16	98.05	54.73	43.59	55.68	55.45	55.30	49.55	42.39	803.49
1930	Dry	21.83	16.38	13.93	11.49	22.81	31.28	72.09	83.69	84.06	86.92	84.06	74.09	602.63
1931	Critical	49.07	41.46	31.41	21.85	25.46	29.82	58.74	69.98	70.32	70.01	62.61	54.85	585.58
1932	Dry	27.82	21.49	17.94	16.69	26.52	38.71	73.42	83.94	83.33	88.50	88.78	78.45	645.59
1933	Critical	56.67	50.13	38.17	24.04	27.64	36.18	65.24	80.59	81.56	82.01	75.23	66.17	683.63
1934	Critical	38.46	29.56	22.37	19.28	21.77	31.07	62.70	74.88	75.57	75.01	9.78	3.49	463.94
1935	Below Normal	35.98	83.06	62.11	18.73	25.78	36.90	94.10	108.68	62.28	125.66	127.30	112.72	893.30
1936	Below Normal	86.44	78.28	61.03	29.47	36.56	114.31	97.47	108.76	110.51	110.99	116.24	104.91	1,054.97
1937	Below Normal	96.44	87.35	76.52	118.76	130.07	141.74	93.92	102.09	103.64	104.54	109.85	98.17	1,263.09
1938	Wet	89.08	80.73	70.17	134.85	130.07	142.34	90.06	95.67	97.26	98.23	104.64	92.79	1,225.89
1939	Dry	83.28	75.31	67.22	134.85	130.07	149.90	96.89	107.16	55.72	123.84	89.40	123.60	1,237.24
1940	Above Normal	98.85	43.37	106.23	15.08	18.98	49.19	94.00	110.28	91.50	121.35	123.23	108.89	980.95
1941	Wet	83.73	75.54	58.87	42.56	55.22	130.91	79.01	88.88	89.75	91.08	96.78	85.78	978.11
1942	Wet	76.45	69.07	59.02	134.85	130.07	152.83	116.62	95.05	96.42	97.18	102.61	92.04	1,222.21
1943	Wet	83.43	75.30	65.12	116.36	130.07	127.11	113.49	107.27	108.66	109.69	115.64	103.85	1,255.99
1944	Dry	94.91	85.97	74.83	84.63	79.16	53.78	74.04	85.55	84.76	89.49	88.61	78.28	974.01
1945	Below Normal	54.96	47.78	36.52	28.28	30.90	128.26	97.41	104.53	106.29	106.77	111.65	100.81	954.16
1946	Below Normal	92.36	83.53	97.87	122.74	91.84	99.34	100.26	99.10	100.35	100.99	106.33	95.89	1,190.60
1947	Dry	87.38	79.01	68.74	117.15	113.60	72.66	102.96	109.56	109.97	114.39	117.32	104.84	1,197.58
1948	Below Normal	87.29	78.93	64.89	66.92	63.60	42.16	62.66	79.05	3.81	127.35	128.43	113.69	918.78
1949	Dry	87.29	78.78	61.47	31.13	32.98	41.26	103.28	108.03	108.97	112.66	115.69	103.56	985.10
1950	Below Normal	87.41	79.09	65.65	27.53	28.41	34.87	86.29	98.36	3.71	124.70	125.59	111.00	872.61
1951	Above Normal	85.02	76.69	71.02	134.85	119.87	142.47	90.10	101.82	103.36	103.71	109.20	98.55	1,236.66
1952	Wet	90.05	81.41	70.89	134.85	134.06	97.69	83.23	82.29	82.55	84.16	89.68	79.35	1,110.21
1953	Wet	70.10	63.03	102.87	134.85	130.07	142.10	101.75	93.89	94.26	97.10	101.28	90.81	1,222.11
1954	Above Normal	78.53	70.75	59.45	92.44	92.50	88.71	95.39	109.36	108.50	110.13	120.32	106.37	1,132.45
1955	Dry	81.68	73.63	57.24	31.03	36.33	47.40	79.54	90.84	89.84	96.38	97.96	86.52	868.39
1956	Wet	64.92	58.16	44.70	97.26	123.29	144.65	103.20	110.99	112.94	113.39	119.52	107.77	1,200.79
1957	Above Normal	99.09	89.79	78.34	134.85	128.21	85.40	79.53	67.52	4.14	119.35	119.79	106.07	1,112.08
1958	Wet	80.64	72.67	56.50	25.07	63.25	130.57	102.53	110.86	112.64	113.60	120.28	107.42	1,096.03
1959	Below Normal	98.34	89.04	77.36	134.85	130.07	137.08	88.67	100.82	31.80	122.12	123.24	109.17	1,242.56
1960	Dry	83.70	75.45	58.60	27.14	27.87	37.00	101.24	114.40	82.27	128.52	101.04	124.85	962.08
1961	Dry	98.74	89.36	70.74	37.93	39.50	37.23	85.89	97.79	97.59	104.23	89.82	59.62	908.44
1962	Below Normal	15.31	89.05	98.64	15.45	18.12	46.05	86.89	99.83	3.86	126.82	127.88	113.08	840.98
1963	Wet	86.70	78.25	61.19	55.86	64.90	86.07	98.34	97.84	99.00	99.57	104.90	94.66	1,027.28
1964	Dry	86.24	77.87	99.09	102.77	66.92	70.72	105.43	101.78	103.37	103.84	108.95	98.27	1,125.25
1965	Wet	90.04	81.29	71.02	109.25	115.13	92.65	96.73	95.10	91.13	98.07	102.73	92.37	1,135.51
1966	Below Normal	82.63	74.46	63.91	121.36	126.11	96.11	91.56	103.06	95.74	110.55	113.95	100.60	1,180.04
1967	Wet	78.64	70.73	55.46	34.74	71.20	89.81	105.24	103.59	105.05	105.98	111.77	100.27	1,032.48
1968	Below Normal	91.43	82.67	71.82	134.85	134.71	144.57	103.96	99.16	99.21	104.40	108.05	95.83	1,270.66
1969	Wet	77.24	69.48	55.60	73.85	130.07	146.28	88.38	97.15	98.40	99.64	106.15	94.19	1,136.43
1970	Wet	91.61	69.50	65.63	134.85	130.07	148.26	94.37	101.87	103.47	103.83	109.20	98.49	1,251.15
1971	Wet	90.09	81.38	70.91	134.85	130.07	109.77	87.83	101.83	98.64	109.07	111.94	98.67	1,225.05
1972	Below Normal	75.53	67.92	52.61	28.92	56.11	79.12	94.37	104.85	104.73	110.85	113.81	100.77	989.59
1973	Above Normal	79.86	71.97	57.03	42.83	81.56	107.37	94.38	105.01	106.83	106.86	112.16	101.20	1,067.06
1974	Wet	92.81	83.91	73.36	134.85	130.07	133.70	111.81	101.80	103.58	103.91	109.72	98.69	1,278.21
1975	Wet	89.99	81.24	70.50	132.63	129.09	125.15	107.09	103.82	105.61	105.70	110.63	100.02	1,261.47
1976	Critical	91.45	82.74	72.42	115.92	113.51	72.06	88.90	102.10	42.70	120.97	91.38	117.95	1,112.10
1977	Critical	90.78	81.94	63.78	27.10	27.98	28.72	30.03	6.33	4.02	5.03	4.42	3.55	373.68
1978	Above Normal	1.40	13.66	64.10	15.39	27.16	71.31	96.16	97.66	98.63	100.60	104.56	93.65	784.28
1979	Below Normal	81.95	73.76	62.58	94.39	91.95	106.46	103.18	100.30	101.95	102.17	107.13	96.51	1,122.33
1980	Above Normal	87.85	79.35	69.25	115.52	134.71	150.22	82.84	92.28	93.35	94.70	100.38	89.17	1,189.62
1981	Dry	79.98	72.14	61.93	134.60	130.07	107.98	89.27	104.14	34.49	125.70	112.40	117.06	1,169.76
1982	Wet	89.94	81.27	63.27	52.66	62.68	147.81	106.46	103.40	108.35	109.23	115.90	103.36	1,144.33
1983	Wet	94.17	99.28	141.73	134.85	130.07	146.27	74.33	77.50	90.77	91.86	77.58	78.14	1,236.55
1984	Wet	80.45	73.62	142.34	134.85	134.71	146.67	90.97	103.16	104.45	105.19	110.66	99.97	1,327.04
1985	Dry	91.36	82.71	98.72	119.62	121.50	113.19	98.68	97.42	99.13	99.31	104.03	93.81	1,219.48
1986	Wet	85.48	77.26	67.30	110.01	102.93	117.08	106.02	105.84	107.74	108.44	114.73	102.25	1,205.08
1987	Dry	93.14	84.43	73.19	134.85	129.04	72.21	62.33	74.53	75.44	74.39	66.88	58.80	999.23
1988	Critical	31.63	23.08	19.06	15.92	23.85	26.62	45.08	52.26	52.00	52.01	46.43	40.71	428.65
1989	Dry	19.85	15.01	12.80	10.49	20.79	26.50	98.18	114.09	83.79	128.05	115.90	119.37	764.82
1990	Critical	92.31	83.46	65.07	28.51	30.59	33.55	56.76	67.23	67.85	67.33	60.22	52.89	705.77
1991	Critical	27.60	20.03	16.90	14.45	20.08	25.99	45.72	49.61	30.22	61.00	53.94	47.59	413.13
1992	Critical	23.50	15.23	15.62	12.74	19.11	24.95	45.20	52.45	52.03	4.55	4.35	38.38	308.11
1993	Above Normal	55.06	4.22	70.49	16.61	50.25	74.72	96.43	100.55	66.57	111.05	114.98	102.88	863.81
1994	Critical	87.39	78.95	65.55	80.28	76.86	61.27	81.87	93.11	77.18	102.33	30.25	93.82	928.86
1995	Wet	19.18	63.59	120.30	15.29	43.71	65.95	112.10	108.99	110.77	111.58	117.60	105.54	994.60
1996	Wet	96.67	87.56	76.37	62.67	73.35	89.80	105.29	101.64	103.15	103.62	108.92	98.22	1,107.26
1997	Wet	89.78	81.21	70.85	134.85	130.07	152.18	95.24	97.64	98.74	99.59	105.48	94.45	1,250.08
1998	Wet	85.45	77.28	66.71	133.43	130.07	134.33	96.70	94.76	95.91	97.32	103.11	91.84	1,206.91
1999	Wet	94.73	86.89	87.09	134.85	130.07	129.91	95.74	102.05	103.39	104.35	109.94	99.12	1,278.13
2000	Above Normal	90.61	81.99	71.40	122.48	118.47	91.22	97.10	109.23	108.87	116.18	118.59	105.03	1,231.17
2001	Dry	82.62	74.63	59.03	40.91	40.09	38.30	65.35	78.93	79.91	79.57	71.40	62.70	773.44
2002	Dry	33.88	25.08	20.28	13.79	30.05	48.51	107.27	103.38	104.78	105.61	110.22	99.59	802.44
2003	Above Normal	91.12	58.51	95.76	19.69	32.27	48.53	81.84	93.40	6.07	118.04	118.74	105.01	868.98
	Average	76.04	68.88	65.04	74.38	78.83	87.42	87.96	93.97	84.09	99.88	98.79	90.93	1,006.21
	Wet	82.28	76.18	74.41	98.89	106.77	123.89	98.80	99.52	101.11	102.62	107.42	96.57	1,168.46
	Above Normal	84.40	66.83	76.49	70.88	80.39	88.05	92.75	98.88	82.49	108.77	112.90	100.73	1,063.55
	Below Normal	76.42	77.90	68.37	76.94	78.16	95.44	92.18	100.65	73.40	113.15	116.37	103.59	1,072.57
	Dry	69.85	62.06	54.82	60.56	61.09	60.60	86.99	97.70	87.77	104.32	99.03	93.22	938.01
	Critical	63.03	54.81	44.73	42.55	44.14	38.62	56.22	63.66	55.74	62.91	45.11	50.71	622.21

Difference in Energy Use (GWh) At Pumping Plant at Chrisman: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00
1923	Below Normal	0.01	0.01	0.00	0.00	0.00	(0.18)	(0.01)	0.07	0.07	0.09	0.09	0.07	0.02
1924	Critical	(0.01)	(0.01)	(0.03)	(0.73)	(0.65)	(0.53)	(0.89)	(1.15)	(1.21)	(1.19)	(1.06)	(0.94)	(0.70)
1925	Dry	(0.61)	(0.37)	(0.30)	(0.31)	(0.22)	(3.97)	0.28	0.34	0.35	0.37	0.38	0.34	(0.31)
1926	Dry	0.29	0.27	0.21	0.05	(0.04)	(0.11)	(0.16)	(0.27)	(0.27)	(0.29)	(0.29)	(0.26)	(0.07)
1927	Wet	(0.22)	(0.20)	(0.16)	0.02	(0.24)	0.01	0.12	0.12	0.13	0.13	0.13	0.13	0.00
1928	Above Normal	0.12	0.11	0.10	0.12	0.07	0.01	(0.03)	0.07	0.06	0.10	0.08	0.06	0.07
1929	Critical	(0.02)	(0.01)	(0.05)	(0.36)	(0.32)	(0.12)	0.00	(0.03)	(0.03)	(0.02)	(0.03)	0.14	(0.07)
1930	Dry	(0.08)	(0.04)	(0.03)	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)
1931	Critical	(0.01)	(0.02)	(0.02)	(0.01)	0.03	0.05	0.09	0.11	0.12	0.11	0.11	0.58	0.10
1932	Dry	0.14	(0.28)	(0.12)	(0.05)	0.00	0.08	0.08	0.02	0.01	0.08	0.18	0.16	0.03
1933	Critical	0.26	0.29	0.23	0.06	0.04	(0.24)	(0.32)	(0.26)	(0.20)	(0.39)	(0.67)	(0.61)	(0.15)
1934	Critical	(0.77)	(0.83)	(0.36)	(0.50)	(0.15)	0.08	0.27	0.34	0.36	0.35	1.07	0.00	(0.01)
1935	Below Normal	(5.64)	3.18	2.41	0.03	0.03	0.02	(0.49)	(0.60)	(3.15)	(0.23)	(0.16)	(0.14)	(0.40)
1936	Below Normal	(0.09)	(0.06)	(0.03)	0.05	0.18	(1.15)	(0.05)	(0.04)	(0.04)	(0.04)	(0.05)	(0.04)	(0.11)
1937	Below Normal	(0.05)	(0.04)	(0.03)	0.01	0.00	14.70	(1.55)	(1.49)	(1.55)	(1.52)	(1.54)	(1.46)	0.46
1938	Wet	(1.50)	(1.37)	(1.28)	0.00	0.00	(2.90)	2.15	(6.09)	(6.13)	(2.26)	(6.12)	(0.97)	(2.21)
1939	Dry	(1.00)	(0.91)	(0.85)	0.00	0.00	(3.46)	(10.26)	1.92	12.10	(0.14)	(1.70)	(0.10)	(0.37)
1940	Above Normal	0.45	(16.61)	7.43	(3.26)	(2.83)	(0.89)	(0.04)	(0.04)	(0.21)	(0.01)	(0.01)	(0.02)	(1.34)
1941	Wet	(0.01)	(0.01)	(0.01)	0.02	0.00	(4.78)	0.00	0.00	0.00	0.01	0.00	0.00	(0.40)
1942	Wet	0.01	0.00	0.00	0.00	0.00	(0.02)	(0.41)	(0.29)	(0.30)	(0.33)	(0.39)	(0.30)	(0.17)
1943	Wet	(0.26)	(0.25)	(0.19)	1.62	0.00	2.30	2.36	(0.03)	(0.04)	(0.07)	(0.17)	(0.08)	0.43
1944	Dry	(0.03)	(0.03)	0.03	(12.73)	(11.45)	(3.93)	(0.19)	(0.12)	(0.09)	(0.21)	(0.40)	(0.35)	(2.46)
1945	Below Normal	(0.52)	(0.57)	(0.45)	(0.16)	(0.08)	(11.51)	0.14	0.14	0.14	0.14	0.14	0.13	(1.04)
1946	Below Normal	0.14	0.13	0.75	0.00	0.00	0.34	0.42	0.43	0.45	0.45	0.48	0.43	0.33
1947	Dry	0.43	0.39	0.36	0.72	0.17	(0.12)	(0.13)	0.25	0.21	0.38	0.32	0.24	0.27
1948	Below Normal	(0.11)	(0.10)	(0.24)	(1.63)	(1.47)	(0.54)	0.06	1.97	0.00	0.02	0.05	0.03	(0.16)
1949	Dry	0.03	0.04	0.03	(0.02)	0.02	(0.07)	(0.02)	0.08	0.07	0.11	0.10	0.08	0.04
1950	Below Normal	(0.01)	(0.01)	(0.06)	(0.84)	(0.75)	(0.24)	(0.01)	(0.01)	0.00	(0.03)	(0.02)	(0.02)	(0.17)
1951	Above Normal	(0.02)	(0.02)	(1.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(3.46)	(3.68)	(3.90)	(4.53)	(3.48)	(1.59)
1953	Wet	(3.06)	(2.88)	4.06	0.00	0.00	(11.06)	(21.01)	(1.67)	(0.52)	(1.01)	(0.93)	(0.68)	(3.23)
1954	Above Normal	0.31	0.30	0.74	5.19	4.95	3.70	0.62	0.79	4.08	(0.59)	0.45	0.37	1.74
1955	Dry	0.34	0.33	0.27	0.31	0.03	(0.13)	(0.59)	(0.71)	(0.73)	(0.77)	(0.79)	(0.70)	(0.26)
1956	Wet	(0.58)	(0.54)	(0.44)	(16.38)	0.02	0.03	0.08	0.07	0.08	0.08	0.08	0.07	(1.45)
1957	Above Normal	0.07	0.06	0.06	0.00	(0.03)	(0.05)	0.04	0.32	0.00	0.01	0.01	0.01	0.04
1958	Wet	0.01	0.01	0.01	0.00	0.01	(0.10)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	(2.98)	(2.09)	(2.49)	(17.65)	0.56	0.22	0.28	(2.01)
1960	Dry	0.14	0.12	0.04	(0.42)	(0.37)	0.18	0.16	(0.21)	3.87	(1.19)	3.19	(2.52)	0.25
1961	Dry	(1.50)	(1.38)	(0.92)	1.74	1.56	0.60	0.18	0.22	0.22	0.24	1.15	(0.10)	0.17
1962	Below Normal	(0.06)	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1964	Dry	(0.01)	0.00	0.01	(0.01)	(0.04)	0.25	(0.04)	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)	(0.01)
1965	Wet	(0.04)	(0.04)	(0.04)	0.42	0.25	(0.63)	0.03	0.20	(1.58)	0.55	0.53	0.47	0.01
1966	Below Normal	0.33	0.31	0.22	(0.68)	(0.67)	(0.31)	0.00	0.02	(0.06)	0.05	0.04	0.04	(0.06)
1967	Wet	0.01	0.02	0.00	(0.14)	(0.07)	(0.02)	0.03	(0.11)	(0.11)	(0.12)	(0.13)	(0.10)	(0.06)
1968	Below Normal	(0.09)	(0.09)	(4.89)	0.00	0.00	0.43	0.04	1.48	1.21	2.12	1.98	1.48	0.31
1969	Wet	(0.44)	(0.43)	(1.15)	(23.49)	0.00	0.00	(0.55)	(0.53)	(0.55)	(0.54)	(0.55)	(0.52)	(2.40)
1970	Wet	(0.53)	(0.49)	(0.46)	0.00	0.00	(0.20)	(1.34)	0.18	0.19	0.19	0.20	0.18	(0.17)
1971	Wet	0.19	0.17	0.15	0.00	0.00	(0.20)	(0.19)	(0.24)	(1.83)	0.08	0.04	0.04	(0.15)
1972	Below Normal	0.03	0.02	0.01	0.10	0.09	0.02	(0.02)	(0.05)	(0.05)	(0.07)	(0.06)	(0.05)	0.00
1973	Above Normal	(0.02)	(0.02)	(0.01)	0.12	0.11	0.28	(0.22)	0.02	0.02	0.02	0.02	0.02	0.03
1974	Wet	0.02	0.02	0.02	0.00	0.00	(5.51)	4.89	(0.79)	(0.84)	(0.88)	(1.04)	(0.81)	(0.41)
1975	Wet	(0.71)	(0.67)	(0.52)	(2.22)	(0.98)	(4.67)	1.17	1.16	1.21	1.20	1.27	1.15	(0.22)
1976	Critical	1.15	1.06	0.96	1.32	0.98	0.16	(0.57)	(0.68)	(0.27)	(0.82)	0.50	(1.14)	0.22
1977	Critical	(0.97)	(0.91)	(0.75)	(0.09)	(0.08)	(0.03)	3.54	0.00	0.08	0.00	(0.08)	0.00	0.06
1978	Above Normal	0.00	1.03	(0.27)	0.00	0.02	(1.87)	(0.38)	3.18	2.84	4.45	3.87	3.08	1.33
1979	Below Normal	(0.32)	(0.31)	(1.88)	(18.64)	(33.27)	(3.13)	12.12	0.82	0.84	0.79	0.75	0.81	(3.45)
1980	Above Normal	0.88	0.80	0.78	(4.82)	0.00	3.93	(4.55)	(3.71)	(3.91)	(4.03)	(4.55)	(3.78)	(1.91)
1981	Dry	(3.52)	(3.28)	(2.74)	2.98	0.00	12.17	1.94	2.47	17.80	(0.62)	(4.42)	1.00	1.98
1982	Wet	0.92	0.85	0.73	0.35	0.37	0.02	0.02	0.01	0.01	0.01	0.02	0.02	0.28
1983	Wet	(7.01)	7.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
1985	Dry	0.01	0.01	0.01	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(34.45)	7.68	0.04	0.05	0.05	0.06	0.05	(2.21)
1987	Dry	0.04	0.04	0.04	0.00	0.00	0.03	(2.04)	(2.65)	(2.79)	(2.73)	(2.45)	(2.17)	(1.22)
1988	Critical	(1.43)	(1.15)	(0.74)	(0.41)	(0.20)	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	(0.33)
1989	Dry	0.00	0.00	0.00	(0.02)	(0.02)	(0.03)	(0.09)	(0.10)	(0.62)	(0.01)	(3.46)	1.09	(0.27)
1990	Critical	0.88	0.81	0.63	(0.02)	(0.01)	0.00	0.01	0.01	0.02	0.02	0.02	0.01	0.20
1991	Critical	0.00	0.00	0.01	0.00	0.00	0.00	(0.01)	(1.11)	0.02	0.30	0.23	0.21	(0.03)
1992	Critical	0.12	(1.10)	0.79	0.45	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	(0.30)	(0.01)
1993	Above Normal	(0.28)	(0.48)	1.04	0.00	(0.05)	(0.24)	(0.01)	0.11	(1.17)	0.39	0.36	0.34	0.00
1994	Critical	0.21	0.18	0.10	(0.55)	(0.48)	(0.21)	0.01	0.00	0.15	(0.03)	0.00	(0.06)	(0.06)
1995	Wet	(0.04)	0.01	(0.03)	0.00	(0.01)	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)
1996	Wet	0.01	0.00	0.00	(62.98)	(55.61)	(25.05)	(2.02)	(2.02)	(2.12)	(2.12)	(2.15)	(1.91)	(13.00)
1997	Wet	(1.85)	(1.72)	(1.58)	0.00	0.00	0.17	0.83	0.22	0.22	0.22	0.23	0.21	(0.25)
1998	Wet	0.23	0.21	0.19	0.71	0.00	(0.13)	(0.08)	(3.53)	(3.75)	(3.96)	(4.60)	(3.55)	(1.52)
1999	Wet	4.19	(5.14)	1.90	0.00	0.00	(8.44)	(5.41)	0.18	0.19	0.19	0.22	0.18	(1.00)
2000	Above Normal	0.18	0.16	0.14	0.49	0.62	(0.78)	(0.24)	0.47	0.39	0.68	0.59	0.45	0.26
2001	Dry	(0.24)	(0.24)	(0.47)	(3.40)	(3.05)	(0.84)	0.47	0.61	0.64	0.62	0.56	0.49	(0.40)
2002	Dry	0.32	0.26	0.16	0.04	0.08	(0.05)	(0.31)	(0.31)	(0.32)	(0.32)	(0.35)	(0.31)	(0.09)
2003	Above Normal	(0.31)	2.76	(3.29)	1.05	0.96	0.36	(0.02)	(0.02)	(0.01)	(0.01)	(0.02)	(0.02)	0.12
	Average	(0.26)	(0.26)	(0.01)	(1.67)	(1.25)	(1.17)	(0.20)	(0.20)	(0.09)	(0.19)	(0.28)	(0.16)	(0.48)
	Wet	(0.41)	(0.21)	0.05	(3.93)	(2.16)	(3.68)	(0.45)	(0.64)	(0.74)	(0.48)	(0.69)	(0.38)	(1.14)
	Above Normal	0.11	(0.99)	0.47	(0.09)	0.32	0.37	(0.40)	0.10	0.17	0.08	0.07	0.04	0.02
	Below Normal	(0.46)	0.18	(0.30)	(1.55)	(2.57)	(0.32)	0.61	0.02	(1.41)	0.17	0.14	0.11	(0.45)
	Dry	(0.29)	(0.28)	(0.24)	(0.62)	(0.74)	0.03	(0.60)	0.08	1.69	(0.25)	(0.45)	(0.18)	(0.15)
	Critical	(0.05)	(0.14)	0.06	(0.07)	(0.07)	(0.08)	0.18	(0.23)	(0.08)	(0.14)	0.01	(0.18)	(0.07)

Percent Difference in Energy Use (GWh) At Pumping Plant at Chrisman: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	-2%	-1%	-1%	-2%	-2%	-2%	-2%	-2%	-2%
1925	Dry	-3%	-2%	-2%	-2%	-1%	-6%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1932	Dry	1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	1%	1%	0%	0%	-1%	0%	0%	0%	0%	-1%	-1%
1934	Critical	-2%	-3%	-2%	-3%	-1%	0%	0%	0%	0%	0%	12%	0%
1935	Below Normal	-14%	4%	4%	0%	0%	0%	-1%	-1%	-5%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	12%	-2%	-1%	-1%	-1%	-1%	-1%
1938	Wet	-2%	-2%	-2%	0%	0%	-2%	2%	-6%	-6%	-2%	-6%	-1%
1939	Dry	-1%	-1%	-1%	0%	0%	-2%	-10%	2%	28%	0%	-2%	0%
1940	Above Normal	0%	-28%	8%	-18%	-13%	-2%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	1%	0%	2%	2%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	-13%	-13%	-7%	0%	0%	0%	0%	0%	0%
1945	Below Normal	-1%	-1%	-1%	-1%	0%	-8%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-2%	-2%	-1%	0%	3%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-3%	-3%	-1%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	-4%	-4%	-4%	-5%	-4%
1953	Wet	-4%	-4%	4%	0%	0%	-7%	-17%	-2%	-1%	-1%	-1%	-1%
1954	Above Normal	0%	0%	1%	6%	6%	4%	1%	1%	4%	-1%	0%	0%
1955	Dry	0%	0%	0%	1%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-1%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-2%	-2%	-2%	-36%	0%	0%	0%
1960	Dry	0%	0%	0%	-2%	-1%	0%	0%	0%	5%	-1%	3%	-2%
1961	Dry	-1%	-2%	-1%	5%	4%	2%	0%	0%	0%	0%	1%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	-2%	1%	1%	1%
1966	Below Normal	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	-6%	0%	0%	0%	0%	2%	1%	2%	2%	2%
1969	Wet	-1%	-1%	-2%	-24%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1970	Wet	-1%	-1%	-1%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	-4%	5%	-1%	-1%	-1%	-1%	-1%
1975	Wet	-1%	-1%	-1%	-2%	-1%	-4%	1%	1%	1%	1%	1%	1%
1976	Critical	1%	1%	1%	1%	1%	0%	-1%	-1%	-1%	-1%	1%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	13%	0%	2%	0%	-2%	0%
1978	Above Normal	0%	8%	0%	0%	0%	-3%	0%	3%	3%	5%	4%	3%
1979	Below Normal	0%	0%	-3%	-16%	-27%	-3%	13%	1%	1%	1%	1%	1%
1980	Above Normal	1%	1%	1%	-4%	0%	3%	-5%	-4%	-4%	-4%	-4%	-4%
1981	Dry	-4%	-4%	-4%	2%	0%	13%	2%	2%	107%	0%	-4%	1%
1982	Wet	1%	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	-7%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-23%	8%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-3%	-3%	-4%	-4%	-4%	-4%
1988	Critical	-4%	-5%	-4%	-3%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	-3%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%
1992	Critical	1%	-7%	5%	4%	0%	0%	0%	0%	0%	0%	0%	-1%
1993	Above Normal	-1%	-10%	1%	0%	0%	0%	0%	0%	-2%	0%	0%	0%
1994	Critical	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	-50%	-43%	-22%	-2%	-2%	-2%	-2%	-2%	-2%
1997	Wet	-2%	-2%	-2%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	1%	0%	0%	0%	-4%	-4%	-4%	-4%	-4%
1999	Wet	5%	-6%	2%	0%	0%	-6%	-5%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	1%	-1%	0%	0%	0%	1%	1%	0%
2001	Dry	0%	0%	-1%	-8%	-7%	-2%	1%	1%	1%	1%	1%	1%
2002	Dry	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	5%	-3%	6%	3%	1%	0%	0%	0%	0%	0%	0%
	Average	0%	-1%	0%	-2%	-1%	-1%	0%	0%	1%	0%	0%	0%
	Wet	0%	0%	0%	-3%	-2%	-3%	0%	-1%	-1%	0%	-1%	0%
	Above Normal	0%	-2%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	-1%	0%	0%	-2%	-2%	0%	1%	0%	-3%	0%	0%	0%
	Dry	0%	0%	0%	-1%	-1%	0%	-1%	0%	8%	0%	0%	0%
	Critical	0%	-1%	0%	0%	0%	0%	1%	0%	0%	0%	1%	0%

Energy Use (GWh) At Pumping Plant at Del Valle: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.17	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.61
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	1.43
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.07	0.08	0.07	0.05	1.45
1925	Dry	0.00	0.00	0.00	0.00	0.00	1.02	0.03	0.05	0.07	0.08	0.07	0.04	1.36
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.74	0.40	0.05	0.07	0.08	0.07	0.04	1.45
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.06	0.04	1.41
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.07	0.08	0.07	0.05	1.45
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.38	0.05	0.06	0.08	0.07	0.05	1.42
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.60	0.39	0.04	0.07	0.07	0.07	0.04	1.28
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.06	0.09	0.07	0.04	1.45
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.07	0.07	0.05	1.43
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.04	0.06	0.08	0.07	0.05	1.42
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.74	0.40	0.06	0.07	0.08	0.07	0.05	1.47
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.07	0.07	0.05	1.43
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.91	0.21	0.05	0.06	0.08	0.07	0.05	1.43
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	1.02	0.10	0.05	0.06	0.08	0.07	0.05	1.43
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.97	0.15	0.05	0.07	0.08	0.07	0.05	1.44
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.07	0.07	0.07	0.05	1.44
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.79	0.33	0.05	0.06	0.08	0.07	0.05	1.43
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.06	0.08	0.07	0.05	1.44
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.07	0.07	0.05	1.42
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.97	0.16	0.05	0.07	0.08	0.07	0.05	1.45
1946	Below Normal	0.00	0.00	0.82	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	2.25
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.07	0.07	0.07	0.05	1.45
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.38	0.05	0.06	0.08	0.07	0.05	1.42
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.06	0.08	0.07	0.05	1.44
1951	Above Normal	0.00	0.00	0.86	0.22	0.00	0.01	0.03	0.05	0.06	0.07	0.07	0.05	1.42
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.06	0.08	0.07	0.05	1.44
1953	Wet	0.00	0.00	0.47	0.00	0.00	0.73	0.39	0.04	0.06	0.08	0.07	0.05	1.89
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.07	0.08	0.06	0.05	1.45
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.38	0.05	0.06	0.07	0.07	0.05	1.41
1956	Wet	0.00	0.00	0.00	0.69	0.39	0.01	0.03	0.05	0.07	0.08	0.07	0.05	1.44
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.90	0.23	0.06	0.07	0.08	0.08	0.06	1.48
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.08	0.08	0.07	0.05	1.45
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.04	0.07	0.08	0.07	0.05	1.43
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.06	0.07	0.07	0.04	1.42
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.38	0.05	0.06	0.07	0.07	0.05	1.41
1964	Dry	0.00	0.00	0.84	0.00	0.62	0.00	0.31	0.05	0.06	0.07	0.07	0.05	2.07
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.07	0.07	0.04	1.41
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.07	0.07	0.05	1.44
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.37	0.05	0.06	0.08	0.08	0.05	1.42
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1969	Wet	0.00	0.00	0.00	0.08	1.00	0.01	0.03	0.06	0.07	0.08	0.07	0.05	1.45
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.74	0.38	0.06	0.07	0.08	0.07	0.05	1.45
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	1.43
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.74	0.39	0.05	0.07	0.08	0.07	0.05	1.45
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.80	0.33	0.06	0.07	0.08	0.07	0.05	1.46
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.38	0.06	0.07	0.07	0.07	0.05	1.43
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.07	0.08	0.06	0.05	1.44
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.04	0.07	0.07	0.07	0.04	1.42
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.97	0.15	0.06	0.07	0.08	0.07	0.05	1.45
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.97	0.16	0.05	0.06	0.08	0.06	0.05	1.43
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.08	0.08	0.07	0.05	1.46
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.87	0.25	0.05	0.06	0.07	0.07	0.05	1.42
1983	Wet	0.00	0.04	0.00	0.00	0.00	0.67	0.03	0.05	0.06	0.07	0.07	0.05	1.04
1984	Wet	0.01	0.03	0.00	0.00	0.00	0.64	0.03	0.06	0.07	0.08	0.07	0.06	1.05
1985	Dry	0.00	0.00	0.82	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.04	2.26
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.04	1.43
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.07	0.07	0.07	0.05	1.45
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.54	0.40	0.05	0.07	0.08	0.07	0.05	1.26
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	1.43
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.56	0.40	0.06	0.07	0.08	0.07	0.05	1.29
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.07	0.07	0.05	1.43
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	1.43
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.07	0.08	0.07	0.05	1.46
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.04	0.06	0.08	0.07	0.05	1.42
1999	Wet	0.00	0.00	0.42	0.00	0.00	0.73	0.39	0.05	0.07	0.07	0.07	0.05	1.85
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.07	0.07	0.07	0.05	1.45
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.74	0.39	0.07	0.07	0.08	0.07	0.05	1.47
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
	Average	0.00	0.00	0.05	0.01	0.02	0.71	0.34	0.05	0.07	0.08	0.07	0.05	1.46
	Wet	0.00	0.00	0.03	0.03	0.05	0.69	0.31	0.05	0.07	0.08	0.07	0.05	1.44
	Above Normal	0.01	0.00	0.07	0.02	0.00	0.70	0.34	0.05	0.07	0.08	0.07	0.05	1.46
	Below Normal	0.00	0.00	0.06	0.00	0.00	0.80	0.33	0.05	0.07	0.08	0.07	0.05	1.50
	Dry	0.00	0.00	0.09	0.00	0.03	0.69	0.37	0.05	0.07	0.08	0.07	0.05	1.50
	Critical	0.00	0.00	0.00	0.00	0.00	0.72	0.39	0.05	0.07	0.08	0.07	0.05	1.43

Energy Use (GWh) At Pumping Plant at Del Valle: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.17	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.61
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	1.43
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.07	0.08	0.07	0.05	1.45
1925	Dry	0.00	0.00	0.00	0.00	0.00	1.00	0.03	0.05	0.07	0.08	0.07	0.04	1.34
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.74	0.40	0.05	0.07	0.08	0.07	0.04	1.45
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.06	0.04	1.41
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.07	0.08	0.07	0.05	1.45
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.38	0.05	0.06	0.08	0.07	0.05	1.42
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.60	0.39	0.04	0.07	0.07	0.07	0.04	1.28
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.06	0.09	0.07	0.04	1.45
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.07	0.07	0.05	1.43
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.04	0.06	0.08	0.07	0.05	1.42
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.74	0.40	0.06	0.07	0.08	0.07	0.05	1.47
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.07	0.07	0.05	1.43
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.91	0.21	0.05	0.06	0.08	0.07	0.05	1.43
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	1.43
1938	Wet	0.00	0.00	0.00	0.00	0.00	1.33	0.00	0.05	0.07	0.08	0.07	0.05	1.65
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.07	0.07	0.07	0.05	1.44
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.79	0.33	0.05	0.06	0.08	0.07	0.05	1.43
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.06	0.08	0.07	0.05	1.44
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.07	0.07	0.05	1.42
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.97	0.15	0.05	0.07	0.08	0.07	0.05	1.44
1946	Below Normal	0.00	0.00	0.82	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	2.25
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.07	0.07	0.07	0.05	1.45
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.38	0.05	0.06	0.08	0.07	0.05	1.42
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.06	0.08	0.07	0.05	1.44
1951	Above Normal	0.00	0.00	0.86	0.22	0.00	0.01	0.03	0.05	0.06	0.07	0.07	0.05	1.42
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.06	0.08	0.07	0.05	1.44
1953	Wet	0.00	0.00	0.74	0.00	0.00	0.73	0.39	0.04	0.06	0.08	0.07	0.05	2.16
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.07	0.08	0.06	0.05	1.45
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.38	0.05	0.06	0.07	0.07	0.05	1.41
1956	Wet	0.00	0.00	0.00	0.69	0.39	0.01	0.03	0.05	0.07	0.08	0.07	0.05	1.44
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.90	0.23	0.06	0.07	0.08	0.08	0.06	1.48
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.08	0.08	0.07	0.05	1.45
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.04	0.07	0.08	0.07	0.05	1.43
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.06	0.07	0.07	0.04	1.42
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.38	0.05	0.06	0.07	0.07	0.05	1.41
1964	Dry	0.00	0.00	0.84	0.00	0.62	0.00	0.31	0.05	0.06	0.07	0.07	0.05	2.07
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.07	0.07	0.04	1.41
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.07	0.07	0.05	1.44
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.37	0.05	0.06	0.08	0.08	0.05	1.42
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1969	Wet	0.00	0.00	0.00	0.00	0.13	0.97	0.03	0.06	0.07	0.08	0.07	0.05	1.46
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.77	0.35	0.06	0.07	0.08	0.07	0.05	1.45
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	1.43
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.74	0.39	0.05	0.07	0.08	0.07	0.05	1.45
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.80	0.33	0.06	0.07	0.08	0.07	0.05	1.46
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.38	0.06	0.07	0.07	0.07	0.05	1.43
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.07	0.08	0.06	0.05	1.44
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.04	0.07	0.07	0.07	0.04	1.42
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.07	0.08	0.07	0.05	1.45
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.06	0.05	1.42
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.08	0.08	0.07	0.05	1.46
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.86	0.25	0.05	0.06	0.07	0.07	0.05	1.41
1983	Wet	0.00	0.42	0.27	0.00	0.00	0.67	0.03	0.05	0.06	0.07	0.07	0.05	1.69
1984	Wet	0.01	0.03	0.00	0.00	0.00	0.71	0.03	0.06	0.07	0.08	0.07	0.06	1.12
1985	Dry	0.00	0.00	0.82	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.04	2.26
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.04	1.43
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.07	0.07	0.07	0.05	1.45
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.54	0.40	0.05	0.07	0.08	0.07	0.05	1.26
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	1.43
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.56	0.40	0.06	0.07	0.08	0.07	0.05	1.29
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.07	0.07	0.05	1.43
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	1.43
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.07	0.08	0.07	0.05	1.46
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.04	0.06	0.08	0.07	0.05	1.42
1999	Wet	0.00	0.35	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.07	0.07	0.05	1.78
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.07	0.07	0.07	0.05	1.45
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.74	0.39	0.07	0.07	0.08	0.07	0.05	1.47
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
	Average	0.00	0.01	0.05	0.01	0.01	0.72	0.35	0.05	0.07	0.08	0.07	0.05	1.48
	Wet	0.00	0.03	0.04	0.03	0.02	0.75	0.30	0.05	0.07	0.08	0.07	0.05	1.48
	Above Normal	0.01	0.00	0.07	0.02	0.00	0.68	0.36	0.05	0.07	0.08	0.07	0.05	1.46
	Below Normal	0.00	0.00	0.06	0.00	0.00	0.76	0.36	0.05	0.07	0.08	0.07	0.05	1.50
	Dry	0.00	0.00	0.09	0.00	0.03	0.69	0.37	0.05	0.07	0.08	0.07	0.05	1.50
	Critical	0.00	0.00	0.00	0.00	0.00	0.72	0.39	0.05	0.07	0.08	0.07	0.05	1.43

Difference in Energy Use (GWh) At Pumping Plant at Del Valle: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	(0.29)	0.29	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.36	(0.15)	0.00	0.00	0.00	0.00	0.00	0.02
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	(0.08)	(0.87)	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.03	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	(0.24)	0.24	0.00	0.00	0.00	0.00	0.00	0.00
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.24)	0.23	0.00	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.38	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.35	(0.42)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	0.01	0.00	(0.00)	(0.01)	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
	Wet	0.00	0.03	0.00	(0.00)	(0.03)	0.05	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.02)	0.02	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	0.00	0.00	0.00	0.00	0.00	(0.04)	0.04	0.00	0.00	0.00	0.00	0.00	0.00
	Dry	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at Del Valle: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	-28%	290%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	37%	-100%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	-6%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	57%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-100%	-87%	>1,000%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	4%	-8%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	-25%	160%	0%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	-25%	144%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	950%	-	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	11%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	-	-100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	12%	-1%	-1%	-1%	0%	6%	0%	0%	0%	0%	0%
	Wet	0%	37%	-2%	-4%	-3%	2%	-4%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	-2%	12%	0%	0%	0%	0%	0%
	Below Normal	0%	0%	0%	0%	0%	-4%	32%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Energy Use (GWh) At Pumping Plant at Edmonston: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	535.27	448.05	355.81	88.17	163.30	270.82	345.82	334.96	339.54	341.49	359.42	323.50	3,906.15
1923	Below Normal	293.09	264.76	229.86	471.87	455.14	452.73	314.40	351.40	348.75	371.09	383.73	339.72	4,276.54
1924	Critical	269.85	242.70	192.51	161.08	158.86	136.34	180.72	213.08	213.92	212.03	189.81	166.59	2,337.49
1925	Dry	83.95	62.50	52.99	45.39	70.70	222.38	293.99	380.85	379.46	405.95	412.95	364.85	2,775.96
1926	Dry	279.48	252.13	196.01	99.24	113.18	156.61	230.32	330.29	328.51	350.90	357.13	315.30	3,009.10
1927	Wet	238.36	213.82	164.67	91.20	146.73	319.61	371.32	365.55	371.41	372.88	390.23	352.25	3,398.03
1928	Above Normal	322.93	292.12	255.71	404.29	398.76	245.07	372.29	362.64	367.36	369.46	384.87	347.68	4,123.18
1929	Critical	316.18	286.36	250.14	369.24	344.22	191.92	152.54	194.94	194.14	193.59	173.48	147.83	2,814.58
1930	Dry	76.68	57.47	48.85	40.32	79.83	109.47	252.27	292.86	294.15	304.17	294.16	259.28	2,109.51
1931	Critical	171.75	145.13	109.96	76.50	88.98	104.18	205.24	244.48	245.64	244.58	218.72	189.92	2,045.08
1932	Dry	96.86	76.17	63.21	58.59	92.79	135.19	256.65	293.64	291.57	309.42	310.04	273.95	2,258.08
1933	Critical	197.39	174.39	132.77	83.92	96.58	127.45	229.42	282.89	286.08	288.34	265.57	233.69	2,398.49
1934	Critical	137.28	106.34	79.53	69.22	76.72	108.43	218.47	260.83	263.17	261.24	30.47	12.20	1,623.90
1935	Below Normal	145.65	279.50	208.89	65.44	90.10	129.03	330.98	382.40	228.95	440.53	446.02	394.93	3,142.42
1936	Below Normal	302.78	274.13	213.65	102.93	127.30	404.01	341.26	380.73	386.85	388.52	406.91	367.25	3,696.32
1937	Below Normal	337.62	305.80	267.87	415.52	455.14	444.53	334.07	362.47	368.09	371.14	389.79	348.63	4,400.67
1938	Wet	316.96	287.30	250.02	471.87	455.14	508.21	307.62	356.09	361.78	351.63	387.57	328.08	4,382.27
1939	Dry	294.91	266.72	238.18	471.87	455.14	536.65	374.95	368.27	152.64	433.82	318.77	432.84	4,344.76
1940	Above Normal	344.33	209.89	345.73	64.16	76.30	175.24	329.05	386.04	320.90	424.67	431.26	381.09	3,488.66
1941	Wet	293.03	264.38	206.05	148.86	193.23	474.82	276.46	311.02	314.05	318.69	338.67	300.15	3,439.41
1942	Wet	267.50	241.70	206.51	471.87	455.14	534.86	409.53	333.61	338.46	341.20	360.42	323.13	4,283.93
1943	Wet	292.86	264.37	228.54	401.50	455.14	436.75	388.87	375.48	380.37	384.09	405.24	363.66	4,376.87
1944	Dry	332.22	300.93	261.73	340.70	317.07	201.94	259.75	299.79	296.90	313.89	311.45	275.13	3,511.50
1945	Below Normal	194.14	169.19	129.35	99.52	108.42	489.08	340.38	365.27	371.44	373.11	390.19	352.29	3,382.38
1946	Below Normal	322.70	291.85	339.85	429.49	321.35	346.43	349.37	345.26	349.59	351.81	370.41	334.04	4,152.15
1947	Dry	304.26	275.10	239.29	407.40	396.93	254.68	360.73	382.50	384.06	398.96	409.40	366.01	4,179.32
1948	Below Normal	305.82	276.54	227.92	239.88	227.68	149.42	219.04	269.73	13.32	445.56	449.24	397.73	3,221.88
1949	Dry	305.34	275.54	214.98	109.01	115.33	144.63	361.48	377.73	381.07	393.83	404.48	362.11	3,445.53
1950	Below Normal	305.92	276.79	229.92	99.29	102.04	122.86	302.00	344.23	12.97	436.45	439.55	388.50	3,060.52
1951	Above Normal	297.58	268.43	252.24	471.87	419.44	498.54	315.28	356.28	361.69	362.89	382.13	344.85	4,331.22
1952	Wet	315.11	284.88	248.07	471.87	469.11	341.84	291.27	300.07	301.74	308.14	329.65	289.85	3,951.60
1953	Wet	255.99	230.65	345.75	471.87	455.14	535.93	429.55	334.40	331.67	343.32	357.64	320.14	4,412.05
1954	Above Normal	273.70	246.52	205.44	305.31	306.36	297.46	331.63	379.92	365.40	387.43	419.45	370.90	3,889.52
1955	Dry	284.61	256.51	199.34	107.49	127.02	166.31	280.40	320.35	316.92	339.95	345.54	305.21	3,049.65
1956	Wet	229.21	205.40	157.95	397.66	431.35	506.05	360.85	388.13	394.93	396.50	417.95	376.85	4,262.83
1957	Above Normal	346.50	313.97	273.91	471.87	448.73	299.00	278.15	235.13	14.50	417.61	419.14	371.12	3,889.63
1958	Wet	282.15	254.27	197.68	87.73	221.30	457.24	358.77	387.93	394.16	397.50	420.88	375.87	3,835.48
1959	Below Normal	344.13	311.58	270.70	471.87	455.14	490.09	317.59	361.51	173.02	425.38	430.48	381.03	4,432.52
1960	Dry	292.38	263.61	204.93	96.43	98.82	128.85	353.70	401.04	274.34	453.89	342.40	445.70	3,356.09
1961	Dry	350.77	317.51	250.75	126.65	132.77	128.17	299.91	341.41	340.71	363.88	310.29	208.96	3,171.78
1962	Below Normal	53.77	311.55	345.13	54.05	63.41	161.14	304.04	349.32	13.51	443.77	447.49	395.68	2,942.86
1963	Wet	303.37	273.82	214.10	195.46	227.10	301.16	344.10	342.37	346.43	348.43	367.05	331.25	3,594.64
1964	Dry	301.79	272.47	346.71	359.64	234.32	246.60	369.07	356.32	361.88	363.53	381.42	344.01	3,937.76
1965	Wet	315.21	284.58	248.65	380.80	401.99	326.42	338.37	332.08	324.40	341.24	357.62	321.58	3,972.94
1966	Below Normal	287.98	259.47	222.87	427.03	443.64	337.39	320.38	360.57	335.23	386.66	398.59	351.89	4,131.70
1967	Wet	275.14	247.44	194.06	122.06	249.38	314.32	368.14	362.86	367.98	371.27	391.58	351.21	3,615.44
1968	Below Normal	320.23	289.59	268.44	471.87	471.39	504.39	363.62	341.82	342.91	357.90	371.18	330.17	4,433.51
1969	Wet	271.84	244.63	198.58	340.60	455.14	511.87	311.18	341.79	346.26	350.55	373.37	331.42	4,077.23
1970	Wet	322.42	244.92	231.25	471.87	455.14	519.49	334.91	355.84	361.40	362.65	381.43	343.99	4,385.31
1971	Wet	314.60	284.17	247.61	471.87	455.14	384.82	308.01	357.15	351.55	381.38	391.57	345.12	4,292.99
1972	Below Normal	264.20	237.59	184.06	100.84	196.04	276.81	330.30	367.08	366.67	388.12	398.45	352.78	3,462.94
1973	Above Normal	279.50	251.90	199.58	149.44	285.03	374.74	331.01	367.39	373.75	373.85	392.39	354.04	3,732.62
1974	Wet	324.68	293.56	256.63	471.87	455.14	487.11	374.13	358.98	365.39	366.70	387.58	348.17	4,489.94
1975	Wet	317.39	286.63	248.53	471.87	455.14	454.28	370.64	359.24	365.32	365.66	382.69	345.95	4,423.34
1976	Critical	315.97	285.83	250.07	401.00	393.76	251.59	313.08	359.64	150.35	426.18	318.03	416.72	3,882.22
1977	Critical	321.04	289.90	225.81	95.16	98.20	100.60	92.69	22.14	13.77	17.60	15.73	12.41	1,305.05
1978	Above Normal	4.90	44.19	225.25	53.86	94.96	256.06	337.81	330.60	335.20	336.45	352.32	316.94	2,688.54
1979	Below Normal	287.87	259.20	225.57	395.52	438.17	383.48	318.63	348.10	353.80	354.75	372.24	334.89	4,072.22
1980	Above Normal	304.33	274.87	239.59	421.10	471.39	511.91	305.81	335.87	340.33	345.49	367.19	325.26	4,243.14
1981	Dry	292.18	263.93	226.28	460.56	455.14	335.25	305.59	355.77	58.40	442.02	408.78	406.14	4,010.04
1982	Wet	311.51	281.40	218.85	183.05	218.03	517.15	372.47	361.78	379.09	382.17	405.50	361.61	3,992.61
1983	Wet	354.07	322.75	495.95	471.87	455.14	511.81	260.11	271.19	317.61	321.43	271.47	273.42	4,326.82
1984	Wet	281.52	257.61	498.07	471.87	471.39	513.22	318.31	360.98	365.48	368.07	387.21	349.80	4,643.53
1985	Dry	319.66	289.39	345.42	418.59	425.17	396.10	345.31	340.90	346.87	347.51	364.02	328.25	4,267.19
1986	Wet	299.11	270.36	235.51	384.94	360.18	530.24	344.13	370.21	376.83	379.27	401.25	357.62	4,309.65
1987	Dry	325.77	295.31	255.98	471.87	451.52	252.57	225.23	270.09	273.73	269.86	242.61	213.33	3,547.87
1988	Critical	115.67	84.79	69.29	57.14	84.16	93.37	157.73	182.86	181.96	182.01	162.48	142.45	1,513.91
1989	Dry	69.46	52.51	44.78	36.77	72.82	92.83	343.87	399.59	295.38	448.10	417.66	413.90	2,687.67
1990	Critical	319.94	289.22	225.48	99.84	107.06	117.38	198.59	235.21	237.36	235.54	210.66	185.03	2,461.31
1991	Critical	96.57	70.07	59.12	50.57	70.28	90.95	160.02	177.47	105.69	212.42	187.93	165.78	1,446.87
1992	Critical	81.81	57.14	51.89	43.01	66.87	87.31	158.20	183.57	182.09	15.94	15.22	135.34	1,078.39
1993	Above Normal	193.65	16.46	243.02	58.11	176.02	262.29	337.46	351.45	237.05	387.22	401.07	358.81	3,022.61
1994	Critical	305.06	275.62	229.04	282.83	270.61	215.13	286.45	325.81	269.54	358.18	105.86	328.49	3,252.62
1995	Wet	67.24	222.48	421.05	53.50	152.97	230.78	392.24	381.36	387.61	390.45	411.50	369.30	3,480.48
1996	Wet	338.25	306.39	267.25	439.66	451.26	401.89	375.50	362.72	368.36	370.02	388.67	350.37	4,420.34
1997	Wet	320.62	290.21	253.45	471.87	455.14	531.90	330.35	340.90	344.73	347.70	368.30	329.76	4,384.93
1998	Wet	298.21	269.69	232.78	464.41	455.14	470.50	338.65	343.95	348.72	354.42	376.89	333.77	4,287.13
1999	Wet	316.84	322.05	298.08	471.87	455.14	484.12	353.94	356.48	361.11	364.49	383.95	346.20	4,514.27
2000	Above Normal	316.44	286.34	249.36	426.88	412.39	321.94	340.60	380.57	379.61	404.14	412.90	365.96	4,297.13
2001	Dry	289.96	261.98	208.19	155.06	150.94	136.96	227.04	274.07	277.39	276.25	247.90	217.67	2,723.41
2002	Dry	117.43	86.85	70.40	48.11	104.87	169.91	376.46	362.83	367.78	370.69	386.89	349.59	2,811.81
2003	Above Normal	319.95	195.09	346.58	65.22	109.56	168.57	286.44	326.89	21.27	413.10	415.56	367.52	3,035.75
	Average	267.00	241.94	227.63	266.13	280.23	309.99	308.50	329.52	294.56	350.16	346.68	318.74	3,541.07
	Wet	289.35	267.29	260.22	359.76	381.19	446.40	347.29	350.47	356.42	360.76	378.30	339.25	4,136.69
	Above Normal	294.92	237.32	266.02	248.36	280.19	306.80	325.95	345.65	288.05	380.32	394.81	352.31	3,720.68
	Below Normal	268.99	271.97	240.29	274.65	282.50	335.10	320.43	352.14	261.79	395.34	406.73	362.11	3,772.05
	Dry	245.43	218.15	192.67	214.09	216.35	211.95	306.48	341.57	301.21	365.92	348.11	326.79	3,288.72
	Critical	220.71	192.29	156.30	149.13	154.69	135.39	196.10	223.58	195.31	220.64	157.83	178.04	2,179.99

Energy Use (GWh) At Pumping Plant at Edmonston: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	535.27	448.05	355.81	88.17	163.30	270.82	345.84	334.98	339.56	341.52	359.45	323.52	3,906.29
1923	Below Normal	293.11	264.78	229.88	471.87	455.14	452.11	314.38	351.65	348.97	371.42	384.03	339.95	4,277.29
1924	Critical	269.83	242.67	192.39	158.51	156.58	134.47	177.62	209.04	209.66	207.86	186.09	163.31	2,308.03
1925	Dry	81.82	61.21	51.92	44.31	69.94	208.47	294.99	382.05	380.68	407.25	414.29	366.04	2,762.97
1926	Dry	280.49	253.06	196.77	99.40	113.05	156.26	229.76	329.36	327.56	349.90	356.11	314.39	3,006.11
1927	Wet	237.60	213.12	164.10	91.26	145.88	319.65	371.77	365.98	371.87	373.33	390.70	352.67	3,397.93
1928	Above Normal	323.36	292.51	256.06	404.73	399.02	245.10	372.18	362.88	367.57	369.81	385.16	347.90	4,126.28
1929	Critical	316.11	286.29	249.93	367.97	343.09	191.50	152.54	194.85	194.05	193.50	173.40	148.32	2,811.55
1930	Dry	76.38	57.32	48.74	40.20	79.81	109.46	252.26	292.85	294.14	304.15	294.13	259.25	2,108.69
1931	Critical	171.70	145.08	109.92	76.47	89.09	104.33	205.55	244.88	246.06	245.00	219.09	191.92	2,049.09
1932	Dry	97.36	75.20	62.78	58.39	92.81	135.44	256.91	293.73	291.58	309.69	310.66	274.50	2,259.05
1933	Critical	198.32	175.43	133.57	84.13	96.70	126.59	228.27	282.00	285.40	286.99	263.23	231.56	2,392.19
1934	Critical	134.57	103.43	78.26	67.45	76.19	108.71	219.40	262.04	264.44	262.48	34.23	12.20	1,623.40
1935	Below Normal	125.92	290.66	217.35	65.53	90.21	129.12	329.26	380.29	217.95	439.71	445.44	394.42	3,125.86
1936	Below Normal	302.47	273.92	213.55	103.11	127.94	399.99	341.09	380.58	386.70	388.37	406.74	367.09	3,691.55
1937	Below Normal	337.46	305.65	267.74	415.57	455.14	495.96	328.64	357.24	362.66	365.83	384.41	343.52	4,419.82
1938	Wet	311.72	282.49	245.53	471.87	455.14	498.09	315.14	334.78	340.35	343.74	366.15	324.71	4,289.71
1939	Dry	291.43	263.53	235.21	471.87	455.14	524.55	339.03	374.98	194.96	433.34	312.84	432.51	4,329.39
1940	Above Normal	345.90	151.76	371.72	52.75	66.41	172.11	328.93	385.89	320.20	424.62	431.20	381.05	3,432.54
1941	Wet	292.99	264.33	206.01	148.92	193.21	458.09	276.46	311.02	314.06	318.69	338.67	300.15	3,422.60
1942	Wet	267.50	241.70	206.51	471.87	455.14	534.78	408.08	332.60	337.38	340.06	359.07	322.08	4,276.77
1943	Wet	291.93	263.49	227.86	407.18	455.14	444.78	397.11	375.37	380.24	383.85	404.67	363.40	4,395.02
1944	Dry	332.12	300.82	261.84	296.14	276.99	188.20	259.07	299.36	296.61	313.13	310.08	273.91	3,408.27
1945	Below Normal	192.33	167.20	127.78	98.96	108.13	448.82	340.88	365.76	371.94	373.61	390.70	352.77	3,338.88
1946	Below Normal	323.18	292.29	342.47	429.49	321.35	347.61	350.82	346.77	351.16	353.37	372.06	335.54	4,166.11
1947	Dry	305.76	276.47	240.53	409.95	397.51	254.24	360.27	383.38	384.81	400.26	410.53	366.86	4,190.57
1948	Below Normal	305.44	276.19	227.08	234.18	222.56	147.53	219.27	276.61	13.32	445.62	449.39	397.84	3,215.03
1949	Dry	305.45	275.65	215.09	108.94	115.42	144.37	361.40	378.01	381.32	394.23	404.83	362.38	3,447.09
1950	Below Normal	305.86	276.74	229.73	96.34	99.41	122.03	301.94	344.17	12.97	436.36	439.47	388.42	3,053.44
1951	Above Normal	297.51	268.37	248.50	471.87	419.44	498.54	315.28	356.28	361.69	362.89	382.13	344.85	4,327.35
1952	Wet	315.11	284.88	248.07	471.87	469.09	341.82	291.23	287.94	288.86	294.50	313.79	277.67	3,884.83
1953	Wet	245.28	220.56	359.95	471.87	455.14	497.23	356.05	328.55	329.84	339.77	354.39	317.77	4,276.40
1954	Above Normal	274.79	247.58	208.04	323.46	323.67	310.42	333.78	382.67	379.67	385.36	421.01	372.22	3,962.67
1955	Dry	285.83	257.64	200.30	108.57	127.13	165.88	278.33	317.86	314.39	337.25	342.78	302.76	3,038.72
1956	Wet	227.16	203.51	156.41	340.33	431.42	506.16	361.12	388.39	395.20	396.76	418.22	377.10	4,201.78
1957	Above Normal	346.75	314.20	274.12	471.87	448.62	298.85	278.29	236.26	14.50	417.64	419.18	371.15	3,891.43
1958	Wet	282.18	254.30	197.70	87.74	221.31	456.91	358.77	387.93	394.17	397.50	420.88	375.87	3,835.26
1959	Below Normal	344.13	311.58	270.70	471.87	455.14	479.66	310.27	352.79	111.27	427.32	431.24	382.02	4,347.99
1960	Dry	292.87	264.01	205.05	94.97	97.53	129.48	354.26	400.31	287.89	449.71	353.56	436.86	3,366.50
1961	Dry	345.50	312.69	247.54	132.74	138.24	130.29	300.54	342.18	341.49	364.71	314.31	208.62	3,178.85
1962	Below Normal	53.57	311.59	345.16	54.05	63.41	161.14	304.04	349.33	13.51	443.78	447.50	395.69	2,942.77
1963	Wet	303.37	273.83	214.10	195.46	227.10	301.16	344.10	342.37	346.43	348.42	367.05	331.25	3,594.64
1964	Dry	301.79	272.47	346.75	359.62	234.17	247.47	368.91	356.16	361.71	363.36	381.25	343.86	3,937.52
1965	Wet	315.06	284.44	248.51	382.30	402.88	324.21	338.49	332.77	318.90	343.17	359.47	323.23	3,973.43
1966	Below Normal	289.13	260.54	223.62	424.65	441.30	336.30	320.40	360.65	335.00	386.83	398.74	352.01	4,129.17
1967	Wet	275.19	247.49	194.08	121.57	249.14	314.28	368.24	362.50	367.60	370.86	391.10	350.85	3,612.90
1968	Below Normal	319.92	289.30	251.32	471.87	471.39	505.87	363.80	346.97	347.16	365.32	378.08	335.33	4,446.33
1969	Wet	270.29	243.13	194.55	258.43	455.14	511.87	309.26	339.94	344.34	348.67	371.45	329.60	3,976.67
1970	Wet	320.55	243.20	229.65	471.87	455.14	518.80	330.22	356.48	362.07	363.32	382.13	344.63	4,378.06
1971	Wet	315.23	284.76	248.14	471.87	455.14	384.10	307.35	356.32	345.18	381.66	391.72	345.28	4,286.75
1972	Below Normal	264.29	237.67	184.10	101.21	196.35	276.85	330.22	366.89	366.48	387.89	398.26	352.61	3,462.82
1973	Above Normal	279.45	251.85	199.57	149.89	285.40	375.70	330.26	367.46	373.83	373.93	392.47	354.11	3,733.92
1974	Wet	324.76	293.63	256.69	471.87	455.14	467.86	391.25	356.22	362.46	363.59	383.94	345.35	4,472.76
1975	Wet	314.89	284.28	246.69	464.09	451.70	437.94	374.72	363.30	369.56	369.88	387.13	349.99	4,414.17
1976	Critical	319.99	289.53	253.41	405.62	397.21	252.17	311.10	357.26	149.42	423.30	319.75	412.74	3,891.50
1977	Critical	317.64	286.74	223.16	94.82	97.90	100.49	105.07	22.14	14.06	17.60	15.45	12.41	1,307.48
1978	Above Normal	4.90	47.80	224.29	53.86	95.03	249.54	336.49	341.73	345.11	352.02	365.88	327.71	2,744.36
1979	Below Normal	286.77	258.11	218.97	330.29	321.75	372.53	361.06	350.96	356.74	357.52	374.87	337.69	3,927.26
1980	Above Normal	307.39	277.66	242.33	404.22	471.39	525.64	289.86	322.91	326.66	331.36	351.24	312.03	4,162.69
1981	Dry	279.87	252.45	216.70	471.01	455.14	377.86	312.39	364.42	120.69	439.84	393.33	409.63	4,093.33
1982	Wet	314.71	284.38	221.41	184.25	219.33	517.21	372.52	361.83	379.15	382.23	405.56	361.66	4,004.24
1983	Wet	329.54	347.41	495.96	471.87	455.14	511.81	260.11	271.19	317.61	321.43	271.47	273.42	4,326.96
1984	Wet	281.52	257.61	498.07	471.87	471.39	513.22	318.33	361.00	365.49	368.08	387.22	349.82	4,643.62
1985	Dry	319.68	289.40	345.45	418.58	425.16	396.09	345.32	340.91	346.88	347.52	364.03	328.26	4,267.28
1986	Wet	299.12	270.37	235.51	384.94	360.18	409.70	370.98	370.37	377.01	379.46	401.46	357.78	4,216.88
1987	Dry	325.91	295.44	256.09	471.87	451.55	252.68	218.10	260.80	263.98	260.32	234.03	205.75	3,496.52
1988	Critical	110.68	80.76	66.70	55.71	83.45	93.14	157.74	182.86	181.97	182.01	162.48	142.46	1,499.96
1989	Dry	69.47	52.52	44.78	36.70	72.75	92.73	343.57	399.21	293.19	448.08	405.55	417.69	2,676.24
1990	Critical	323.03	292.04	227.70	99.76	107.03	117.39	198.63	235.27	237.41	235.59	210.71	185.07	2,469.63
1991	Critical	96.59	70.09	59.13	50.57	70.27	90.94	159.99	173.60	105.75	213.45	188.75	166.53	1,445.66
1992	Critical	82.24	53.29	54.66	44.57	66.86	87.30	158.18	183.55	182.07	15.94	15.22	134.29	1,078.17
1993	Above Normal	192.66	14.78	246.66	58.11	175.83	261.47	337.43	351.84	232.94	388.57	402.33	360.01	3,022.63
1994	Critical	305.80	276.26	229.37	280.90	268.94	214.41	286.47	325.82	270.08	358.09	105.86	328.29	3,250.29
1995	Wet	67.13	222.51	420.96	53.50	152.95	230.76	392.25	381.37	387.61	390.46	411.51	369.30	3,480.31
1996	Wet	338.25	306.39	267.25	219.30	256.67	314.24	368.44	355.65	360.96	362.60	381.13	343.70	3,874.58
1997	Wet	314.15	284.15	247.91	471.87	455.14	532.51	333.28	341.66	345.52	348.48	369.09	330.52	4,374.28
1998	Wet	298.99	270.40	233.45	466.90	455.14	470.06	338.38	331.59	335.60	340.54	360.79	321.38	4,223.22
1999	Wet	331.49	304.04	304.76	471.87	455.14	454.59	335.01	357.11	361.77	365.16	384.69	346.84	4,472.47
2000	Above Normal	317.06	286.91	249.85	428.58	414.54	319.19	339.76	382.20	380.96	406.55	414.97	367.51	4,308.08
2001	Dry	289.09	261.16	206.55	143.16	140.30	134.01	228.67	276.19	279.63	278.44	249.85	219.40	2,706.45
2002	Dry	118.55	87.76	70.97	48.25	105.16	169.74	375.36	361.74	366.64	369.55	385.69	348.50	2,807.91
2003	Above Normal	318.86	204.72	335.08	68.91	112.91	169.82	286.39	326.83	21.25	413.04	415.49	367.46	3,040.76
	Average	266.09	241.01	227.59	260.28	275.85	305.89	307.79	328.82	294.24	349.50	345.70	318.18	3,520.95
	Wet	287.91	266.55	260.38	346.03	373.61	433.53	345.72	348.24	353.82	359.09	375.90	337.92	4,088.70
	Above Normal	295.33	233.85	267.67	248.04	281.30	308.10	324.54	345.99	288.66	380.61	395.04	352.46	3,721.58
	Below Normal	267.40	272.59	239.25	269.21	273.52	333.97	322.58	352.19	256.85	395.93	407.21	362.49	3,753.17
	Dry	244.41	217.16	191.84	211.93	213.77	212.07	304.40	341.86	307.12	365.04	346.55	326.18	3,282.30
	Critical	220.54	191.80	156.52	148.87	154.44	135.12	196.71	222.78	195.03	220.15	157.86	177.43	2,177.25

Difference in Energy Use (GWh) At Pumping Plant at Edmonston: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.03	0.03	0.02	0.01
1923	Below Normal	0.02	0.02	0.02	0.00	0.00	(0.62)	(0.02)	0.25	0.22	0.33	0.30	0.23	0.06
1924	Critical	(0.02)	(0.03)	(0.12)	(2.57)	(2.28)	(1.87)	(3.10)	(4.04)	(4.26)	(4.17)	(3.72)	(3.28)	(2.46)
1925	Dry	(2.13)	(1.29)	(1.07)	(1.08)	(0.76)	(13.91)	1.00	1.20	1.22	1.30	1.34	1.19	(1.08)
1926	Dry	1.01	0.93	0.76	0.16	(0.13)	(0.35)	(0.56)	(0.93)	(0.95)	(1.00)	(1.02)	(0.91)	(0.25)
1927	Wet	(0.76)	(0.70)	(0.57)	0.06	(0.85)	0.04	0.45	0.43	0.46	0.45	0.47	0.42	(0.01)
1928	Above Normal	0.43	0.39	0.35	0.44	0.26	0.03	(0.11)	0.24	0.21	0.35	0.29	0.22	0.26
1929	Critical	(0.07)	(0.07)	(0.21)	(1.27)	(1.13)	(0.42)	0.00	(0.09)	(0.09)	(0.09)	(0.08)	0.49	(0.25)
1930	Dry	(0.30)	(0.15)	(0.11)	(0.12)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.03)	(0.03)	(0.07)
1931	Critical	(0.05)	(0.05)	(0.04)	(0.03)	0.11	0.15	0.31	0.40	0.42	0.42	0.37	2.00	0.33
1932	Dry	0.50	(0.97)	(0.43)	(0.20)	0.02	0.25	0.26	0.09	0.01	0.27	0.62	0.55	0.08
1933	Critical	0.93	1.04	0.80	0.21	0.12	(0.86)	(1.15)	(0.89)	(0.68)	(1.35)	(2.34)	(2.13)	(0.52)
1934	Critical	(2.71)	(2.91)	(1.27)	(1.77)	(0.53)	0.28	0.93	1.21	1.27	1.24	3.76	0.00	(0.04)
1935	Below Normal	(19.73)	11.16	8.46	0.09	0.11	0.09	(1.72)	(2.11)	(11.00)	(0.82)	(0.58)	(0.51)	(1.38)
1936	Below Normal	(0.31)	(0.21)	(0.10)	0.18	0.64	(4.02)	(0.17)	(0.15)	(0.15)	(0.15)	(0.17)	(0.16)	(0.40)
1937	Below Normal	(0.16)	(0.15)	(0.13)	0.05	0.00	51.43	(5.43)	(5.23)	(5.43)	(5.31)	(5.38)	(5.11)	1.60
1938	Wet	(5.24)	(4.81)	(4.49)	0.00	0.00	(10.12)	7.52	(21.31)	(21.43)	(7.89)	(21.42)	(3.37)	(7.71)
1939	Dry	(3.48)	(3.19)	(2.97)	0.00	0.00	(12.10)	(35.92)	6.71	42.32	(0.48)	(5.93)	(0.33)	(1.28)
1940	Above Normal	1.57	(58.13)	25.99	(11.41)	(9.89)	(3.13)	(0.12)	(0.15)	(0.70)	(0.05)	(0.06)	(0.04)	(4.68)
1941	Wet	(0.04)	(0.05)	(0.04)	0.06	(0.02)	(16.73)	0.00	0.00	0.01	0.00	0.00	0.00	(1.40)
1942	Wet	0.00	0.00	0.00	0.00	0.00	(0.08)	(1.45)	(1.01)	(1.08)	(1.14)	(1.35)	(1.05)	(0.60)
1943	Wet	(0.93)	(0.88)	(0.68)	5.68	0.00	8.03	8.24	(0.11)	(0.13)	(0.24)	(0.57)	(0.26)	1.51
1944	Dry	(0.10)	(0.11)	0.11	(44.56)	(40.08)	(13.74)	(0.68)	(0.43)	(0.29)	(0.76)	(1.37)	(1.22)	(8.60)
1945	Below Normal	(1.81)	(1.99)	(1.57)	(0.56)	(0.29)	(40.26)	0.50	0.49	0.50	0.50	0.51	0.48	(3.63)
1946	Below Normal	0.48	0.44	2.62	0.00	0.00	1.18	1.45	1.51	1.57	1.56	1.65	1.50	1.16
1947	Dry	1.50	1.37	1.24	2.55	0.58	(0.44)	(0.46)	0.88	0.75	1.30	1.13	0.85	0.94
1948	Below Normal	(0.38)	(0.35)	(0.84)	(5.70)	(5.12)	(1.89)	0.23	6.88	0.00	0.06	0.15	0.11	(0.57)
1949	Dry	0.11	0.11	0.11	(0.07)	0.09	(0.26)	(0.08)	0.28	0.25	0.40	0.35	0.27	0.13
1950	Below Normal	(0.06)	(0.05)	(0.19)	(2.95)	(2.63)	(0.83)	(0.06)	(0.06)	0.00	(0.09)	(0.08)	(0.08)	(0.59)
1951	Above Normal	(0.07)	(0.06)	(3.74)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.32)
1952	Wet	0.00	0.00	0.00	0.00	(0.02)	(0.02)	(0.04)	(12.13)	(12.88)	(13.64)	(15.86)	(12.18)	(5.56)
1953	Wet	(10.71)	(10.09)	14.20	0.00	0.00	(38.70)	(73.50)	(5.85)	(1.83)	(3.55)	(3.25)	(2.37)	(11.30)
1954	Above Normal	1.09	1.06	2.60	18.15	17.31	12.96	2.15	2.75	14.27	(2.07)	1.56	1.32	6.10
1955	Dry	1.22	1.13	0.96	1.08	0.11	(0.43)	(2.07)	(2.49)	(2.53)	(2.70)	(2.76)	(2.45)	(0.91)
1956	Wet	(2.05)	(1.89)	(1.54)	(57.33)	0.07	0.11	0.27	0.26	0.27	0.26	0.27	0.25	(5.09)
1957	Above Normal	0.25	0.23	0.21	0.00	(0.11)	(0.15)	0.14	1.13	0.00	0.03	0.04	0.03	0.15
1958	Wet	0.03	0.03	0.02	0.01	0.01	(0.33)	0.00	0.00	0.01	0.00	0.00	0.00	(0.02)
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	(10.43)	(7.32)	(8.72)	(61.75)	1.94	0.76	0.99	(7.04)
1960	Dry	0.49	0.40	0.12	(1.46)	(1.29)	0.63	0.56	(0.73)	13.55	(4.18)	11.16	(8.84)	0.87
1961	Dry	(5.27)	(4.82)	(3.21)	6.09	5.47	2.12	0.63	0.77	0.78	0.83	4.02	(0.34)	0.59
1962	Below Normal	(0.20)	0.04	0.03	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.01	(0.01)
1963	Wet	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.04	(0.02)	(0.15)	0.87	(0.16)	(0.16)	(0.17)	(0.17)	(0.17)	(0.15)	(0.02)
1965	Wet	(0.15)	(0.14)	(0.14)	1.50	0.89	(2.21)	0.12	0.69	(5.50)	1.93	1.85	1.65	0.04
1966	Below Normal	1.15	1.07	0.75	(2.38)	(2.34)	(1.09)	0.02	0.08	(0.23)	0.17	0.15	0.12	(0.21)
1967	Wet	0.05	0.05	0.02	(0.49)	(0.24)	(0.04)	0.10	(0.36)	(0.38)	(0.41)	(0.48)	(0.36)	(0.21)
1968	Below Normal	(0.31)	(0.29)	(17.12)	0.00	0.00	1.48	0.18	5.15	4.25	7.42	6.90	5.16	1.07
1969	Wet	(1.55)	(1.50)	(4.03)	(82.17)	0.00	0.00	(1.92)	(1.85)	(1.92)	(1.88)	(1.92)	(1.82)	(8.38)
1970	Wet	(1.87)	(1.72)	(1.60)	0.00	0.00	(0.69)	(4.69)	0.64	0.67	0.67	0.70	0.64	(0.60)
1971	Wet	0.63	0.59	0.53	0.00	0.00	(0.72)	(0.66)	(0.83)	(6.37)	0.28	0.15	0.16	(0.52)
1972	Below Normal	0.09	0.08	0.04	0.37	0.31	0.04	(0.08)	(0.19)	(0.19)	(0.23)	(0.19)	(0.17)	(0.01)
1973	Above Normal	(0.05)	(0.05)	(0.01)	0.45	0.37	0.96	(0.75)	0.07	0.08	0.08	0.08	0.07	0.11
1974	Wet	0.08	0.07	0.06	0.00	0.00	(19.25)	17.12	(2.76)	(2.93)	(3.11)	(3.64)	(2.82)	(1.43)
1975	Wet	(2.50)	(2.35)	(1.84)	(7.78)	(3.44)	(16.34)	4.08	4.06	4.24	4.22	4.44	4.04	(0.76)
1976	Critical	4.02	3.70	3.34	4.62	3.45	0.58	(1.98)	(2.38)	(0.93)	(2.88)	1.72	(3.98)	0.77
1977	Critical	(3.40)	(3.16)	(2.65)	(0.34)	(0.30)	(0.11)	12.38	0.00	0.29	0.00	(0.28)	0.00	0.20
1978	Above Normal	0.00	3.61	(0.96)	0.00	0.07	(6.52)	(1.32)	11.13	9.91	15.57	13.56	10.77	4.65
1979	Below Normal	(1.10)	(1.09)	(6.60)	(65.23)	(116.42)	(10.95)	42.43	2.86	2.94	2.77	2.63	2.80	(12.08)
1980	Above Normal	3.06	2.79	2.74	(16.88)	0.00	13.73	(15.95)	(12.96)	(13.67)	(14.13)	(15.95)	(13.23)	(6.70)
1981	Dry	(12.31)	(11.48)	(9.58)	10.45	0.00	42.61	6.80	8.65	62.29	(2.18)	(15.45)	3.49	6.94
1982	Wet	3.20	2.98	2.56	1.20	1.30	0.06	0.05	0.05	0.06	0.06	0.06	0.05	0.97
1983	Wet	(24.53)	24.66	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.01	0.01	0.01	0.02	0.01
1985	Dry	0.02	0.01	0.03	(0.01)	(0.01)	(0.01)	0.01	0.01	0.01	0.01	0.01	0.01	0.01
1986	Wet	0.01	0.01	0.00	0.00	0.00	(120.54)	26.85	0.16	0.18	0.19	0.21	0.16	(7.73)
1987	Dry	0.14	0.13	0.11	0.00	0.03	0.11	(7.13)	(9.29)	(9.75)	(9.54)	(8.58)	(7.58)	(4.28)
1988	Critical	(4.99)	(4.03)	(2.59)	(1.43)	(0.71)	(0.23)	0.01	0.00	0.01	0.00	0.00	0.01	(1.16)
1989	Dry	0.01	0.01	0.00	(0.07)	(0.07)	(0.10)	(0.30)	(0.38)	(2.19)	(0.02)	(12.11)	3.79	(0.95)
1990	Critical	3.09	2.82	2.22	(0.08)	(0.03)	0.01	0.04	0.06	0.05	0.05	0.05	0.04	0.69
1991	Critical	0.02	0.02	0.01	0.00	(0.01)	(0.01)	(0.03)	(3.87)	0.06	1.03	0.82	0.75	(0.10)
1992	Critical	0.43	(3.85)	2.77	1.56	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	0.00	0.00	(1.05)	(0.02)
1993	Above Normal	(0.99)	(1.68)	3.64	0.00	(0.19)	(0.82)	(0.03)	0.39	(4.11)	1.35	1.26	1.20	0.00
1994	Critical	0.74	0.64	0.33	(1.93)	(1.67)	(0.72)	0.02	0.01	0.54	(0.09)	0.00	(0.20)	(0.19)
1995	Wet	(0.11)	0.03	(0.09)	0.00	(0.02)	(0.02)	0.01	0.01	0.00	0.01	0.01	0.00	(0.01)
1996	Wet	0.00	0.00	0.00	(220.36)	(194.59)	(87.65)	(7.06)	(7.07)	(7.40)	(7.42)	(7.54)	(6.67)	(45.48)
1997	Wet	(6.47)	(6.06)	(5.54)	0.00	0.00	0.61	2.93	0.76	0.79	0.78	0.79	0.76	(0.89)
1998	Wet	0.78	0.71	0.67	2.49	0.00	(0.44)	(0.27)	(12.36)	(13.12)	(13.88)	(16.10)	(12.39)	(5.33)
1999	Wet	14.65	(18.01)	6.68	0.00	0.00	(29.53)	(18.93)	0.63	0.66	0.67	0.74	0.64	(3.48)
2000	Above Normal	0.62	0.57	0.49	1.70	2.15	(2.75)	(0.84)	1.63	1.35	2.41	2.07	1.55	0.91
2001	Dry	(0.87)	(0.82)	(1.64)	(11.90)	(10.64)	(2.95)	1.63	2.12	2.24	2.19	1.95	1.73	(1.41)
2002	Dry	1.12	0.91	0.57	0.14	0.29	(0.17)	(1.10)	(1.09)	(1.14)	(1.14)	(1.20)	(1.09)	(0.32)
2003	Above Normal	(1.09)	9.63	(11.50)	3.69	3.35	1.25	(0.05)	(0.06)	(0.02)	(0.06)	(0.07)	(0.06)	0.42
	Average	(0.92)	(0.92)	(0.04)	(5.84)	(4.38)	(4.10)	(0.70)	(0.70)	(0.32)	(0.65)	(0.98)	(0.56)	(1.68)
	Wet	(1.44)	(0.73)	0.16	(13.74)	(7.57)	(12.87)	(1.57)	(2.23)	(2.60)	(1.68)	(2.40)	(1.33)	(4.00)
	Above Normal	0.40	(3.47)	1.65	(0.32)	1.11	1.30	(1.41)	0.35	0.61	0.29	0.23	0.15	0.08
	Below Normal	(1.59)	0.62	(1.05)	(5.44)	(8.98)	(1.13)	2.14	0.05	(4.95)	0.58	0.48	0.38	(1.57)
	Dry	(1.02)	(0.99)	(0.83)	(2.17)	(2.59)	0.12	(2.09)	0.29	5.91	(0.88)	(1.56)	(0.61)	(0.53)
	Critical	(0.17)	(0.49)	0.22	(0.25)	(0.25)	(0.27)	0.62	(0.80)	(0.28)	(0.49)	0.03	(0.61)	(0.23)

Percent Difference in Energy Use (GWh) At Pumping Plant at Edmonston: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	-2%	-1%	-1%	-2%	-2%	-2%	-2%	-2%	-2%
1925	Dry	-3%	-2%	-2%	-2%	-1%	-6%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1932	Dry	1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	1%	1%	0%	0%	-1%	-1%	0%	0%	0%	-1%	-1%
1934	Critical	-2%	-3%	-2%	-3%	-1%	0%	0%	0%	0%	0%	12%	0%
1935	Below Normal	-14%	4%	4%	0%	0%	0%	-1%	-1%	-5%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	1%	-1%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	12%	-2%	-1%	-1%	-1%	-1%	-1%
1938	Wet	-2%	-2%	-2%	0%	0%	-2%	2%	-6%	-6%	-2%	-6%	-1%
1939	Dry	-1%	-1%	-1%	0%	0%	-2%	-10%	2%	28%	0%	-2%	0%
1940	Above Normal	0%	-28%	8%	-18%	-13%	-2%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	1%	0%	2%	2%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	-13%	-13%	-7%	0%	0%	0%	0%	0%	0%
1945	Below Normal	-1%	-1%	-1%	-1%	0%	-8%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-2%	-2%	-1%	0%	3%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-3%	-3%	-1%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	-4%	-4%	-4%	-5%	-4%
1953	Wet	-4%	-4%	4%	0%	0%	-7%	-17%	-2%	-1%	-1%	-1%	-1%
1954	Above Normal	0%	0%	1%	6%	6%	4%	1%	1%	4%	-1%	0%	0%
1955	Dry	0%	0%	0%	1%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-1%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-2%	-2%	-2%	-36%	0%	0%	0%
1960	Dry	0%	0%	0%	-2%	-1%	0%	0%	0%	5%	-1%	3%	-2%
1961	Dry	-2%	-2%	-1%	5%	4%	2%	0%	0%	0%	0%	1%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	-2%	1%	1%	1%
1966	Below Normal	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	-6%	0%	0%	0%	0%	2%	1%	2%	2%	2%
1969	Wet	-1%	-1%	-2%	-24%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1970	Wet	-1%	-1%	-1%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	-4%	5%	-1%	-1%	-1%	-1%	-1%
1975	Wet	-1%	-1%	-1%	-2%	-1%	-4%	1%	1%	1%	1%	1%	1%
1976	Critical	1%	1%	1%	1%	1%	0%	-1%	-1%	-1%	-1%	1%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	13%	0%	2%	0%	-2%	0%
1978	Above Normal	0%	8%	0%	0%	0%	-3%	0%	3%	3%	5%	4%	3%
1979	Below Normal	0%	0%	-3%	-16%	-27%	-3%	13%	1%	1%	1%	1%	1%
1980	Above Normal	1%	1%	1%	-4%	0%	3%	-5%	-4%	-4%	-4%	-4%	-4%
1981	Dry	-4%	-4%	-4%	2%	0%	13%	2%	2%	107%	0%	-4%	1%
1982	Wet	1%	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	-7%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-23%	8%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-3%	-3%	-4%	-4%	-4%	-4%
1988	Critical	-4%	-5%	-4%	-3%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	-3%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%
1992	Critical	1%	-7%	5%	4%	0%	0%	0%	0%	0%	0%	0%	-1%
1993	Above Normal	-1%	-10%	1%	0%	0%	0%	0%	0%	-2%	0%	0%	0%
1994	Critical	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	-50%	-43%	-22%	-2%	-2%	-2%	-2%	-2%	-2%
1997	Wet	-2%	-2%	-2%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	1%	0%	0%	0%	-4%	-4%	-4%	-4%	-4%
1999	Wet	5%	-6%	2%	0%	0%	-6%	-5%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	1%	-1%	0%	0%	0%	1%	1%	0%
2001	Dry	0%	0%	-1%	-8%	-7%	-2%	1%	1%	1%	1%	1%	1%
2002	Dry	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	5%	-3%	6%	3%	1%	0%	0%	0%	0%	0%	0%
	Average	0%	-1%	0%	-2%	-1%	-1%	0%	0%	1%	0%	0%	0%
	Wet	0%	0%	0%	-3%	-2%	-3%	0%	-1%	-1%	0%	-1%	0%
	Above Normal	0%	-2%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	-1%	0%	0%	-2%	-2%	0%	1%	0%	-3%	0%	0%	0%
	Dry	0%	0%	0%	-1%	-1%	0%	-1%	0%	8%	0%	0%	0%
	Critical	0%	-1%	0%	0%	0%	0%	1%	0%	0%	0%	1%	0%

Energy Use (GWh) At Pumping Plant at Las Perillas: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.73	0.54	0.48	0.23	0.30	0.40	0.69	0.96	1.18	1.23	1.08	0.76	8.58
1923	Below Normal	0.57	0.38	0.34	0.79	0.76	0.51	0.63	1.03	1.25	1.31	1.11	0.81	9.49
1924	Critical	0.44	0.32	0.29	0.19	0.18	0.18	0.27	0.34	0.64	0.66	0.58	0.29	4.38
1925	Dry	0.18	0.15	0.16	0.09	0.09	0.30	0.66	1.09	1.32	1.38	1.16	0.85	7.43
1926	Dry	0.43	0.32	0.29	0.09	0.11	0.21	0.37	0.95	1.14	1.20	1.01	0.74	6.86
1927	Wet	0.38	0.28	0.25	0.15	0.23	0.41	0.69	0.97	1.19	1.24	1.09	0.76	7.64
1928	Above Normal	0.57	0.39	0.35	0.68	0.63	0.36	0.67	0.93	1.14	1.19	1.05	0.73	8.69
1929	Critical	0.54	0.37	0.33	0.56	0.50	0.27	0.22	0.30	0.57	0.60	0.53	0.26	5.05
1930	Dry	0.16	0.14	0.15	0.08	0.11	0.16	0.45	0.67	0.96	1.00	0.86	0.54	5.28
1931	Critical	0.30	0.23	0.22	0.08	0.09	0.14	0.31	0.39	0.74	0.77	0.68	0.34	4.29
1932	Dry	0.21	0.18	0.19	0.10	0.15	0.20	0.48	0.78	0.99	1.03	0.87	0.62	5.80
1933	Critical	0.32	0.24	0.22	0.09	0.10	0.18	0.36	0.53	0.89	0.93	0.81	0.44	5.11
1934	Critical	0.26	0.21	0.22	0.09	0.08	0.15	0.34	0.42	0.79	0.82	0.73	0.36	4.47
1935	Below Normal	0.23	0.19	0.20	0.09	0.12	0.19	0.66	1.09	1.32	1.38	1.16	0.86	7.49
1936	Below Normal	0.44	0.33	0.29	0.10	0.17	0.47	0.71	1.01	1.24	1.29	1.15	0.80	8.00
1937	Below Normal	0.60	0.41	0.37	0.63	0.66	0.37	0.85	1.17	1.43	1.49	1.32	0.92	10.22
1938	Wet	0.70	0.47	0.43	0.95	0.91	0.54	0.90	1.31	1.60	1.66	1.48	0.98	11.93
1939	Dry	0.74	0.50	0.45	0.91	0.86	0.55	0.65	1.06	1.29	1.34	1.14	0.83	10.32
1940	Above Normal	0.44	0.32	0.29	0.12	0.12	0.27	0.65	1.10	1.34	1.40	1.18	0.87	8.10
1941	Wet	0.44	0.33	0.29	0.25	0.32	0.43	0.78	1.10	1.34	1.40	1.24	0.87	8.79
1942	Wet	0.65	0.44	0.40	0.91	0.90	0.63	0.73	1.01	1.24	1.29	1.14	0.80	10.14
1943	Wet	0.60	0.40	0.36	0.78	0.82	0.58	0.85	1.17	1.44	1.49	1.32	0.92	10.73
1944	Dry	0.69	0.47	0.42	0.55	0.49	0.31	0.48	0.76	1.00	1.04	0.88	0.61	7.70
1945	Below Normal	0.32	0.24	0.23	0.13	0.13	0.47	0.71	0.97	1.20	1.25	1.10	0.77	7.52
1946	Below Normal	0.58	0.39	0.43	0.82	0.53	0.46	0.65	0.92	1.14	1.19	1.05	0.73	8.89
1947	Dry	0.55	0.37	0.33	0.67	0.59	0.38	0.68	1.04	1.27	1.32	1.14	0.82	9.16
1948	Below Normal	0.50	0.35	0.32	0.33	0.30	0.20	0.34	0.97	1.17	1.22	1.03	0.76	7.49
1949	Dry	0.39	0.29	0.26	0.13	0.13	0.20	0.69	1.03	1.25	1.31	1.13	0.81	7.62
1950	Below Normal	0.51	0.36	0.32	0.19	0.17	0.19	0.59	0.97	1.18	1.23	1.04	0.76	7.51
1951	Above Normal	0.39	0.29	0.26	0.40	0.42	0.48	0.67	0.96	1.19	1.23	1.09	0.76	8.14
1952	Wet	0.57	0.38	0.34	0.80	0.79	0.56	0.74	1.11	1.35	1.40	1.25	0.87	10.16
1953	Wet	0.67	0.47	0.50	0.97	0.91	0.58	0.62	0.92	1.13	1.18	1.02	0.73	9.70
1954	Above Normal	0.48	0.33	0.29	0.46	0.48	0.42	0.66	1.10	1.33	1.39	1.17	0.86	8.97
1955	Dry	0.43	0.32	0.29	0.15	0.17	0.23	0.54	0.90	1.09	1.14	0.96	0.71	6.93
1956	Wet	0.35	0.26	0.23	0.38	0.47	0.54	0.78	1.09	1.35	1.40	1.24	0.87	8.96
1957	Above Normal	0.65	0.43	0.39	0.73	0.67	0.43	0.54	0.90	1.09	1.14	0.96	0.70	8.63
1958	Wet	0.35	0.26	0.24	0.21	0.36	0.52	0.93	1.28	1.58	1.64	1.45	1.01	9.83
1959	Below Normal	0.76	0.51	0.46	0.85	0.82	0.54	0.62	1.04	1.26	1.31	1.10	0.81	10.08
1960	Dry	0.41	0.30	0.27	0.09	0.08	0.17	0.70	1.13	1.37	1.44	1.21	0.89	8.06
1961	Dry	0.47	0.35	0.31	0.13	0.14	0.17	0.59	0.97	1.17	1.22	1.03	0.76	7.31
1962	Below Normal	0.39	0.29	0.26	0.09	0.09	0.25	0.60	1.00	1.21	1.26	1.06	0.78	7.28
1963	Wet	0.40	0.30	0.27	0.31	0.33	0.39	0.65	0.92	1.14	1.18	1.05	0.73	7.67
1964	Dry	0.55	0.36	0.41	0.69	0.42	0.37	0.69	0.94	1.16	1.21	1.07	0.75	8.62
1965	Wet	0.56	0.38	0.34	0.66	0.68	0.46	0.63	0.89	1.10	1.14	1.00	0.70	8.54
1966	Below Normal	0.51	0.34	0.31	0.67	0.67	0.47	0.64	1.06	1.28	1.34	1.13	0.83	9.25
1967	Wet	0.43	0.32	0.29	0.21	0.40	0.45	0.77	1.10	1.35	1.41	1.24	0.87	8.84
1968	Below Normal	0.65	0.44	0.40	0.83	0.84	0.55	0.63	0.98	1.20	1.25	1.07	0.77	9.61
1969	Wet	0.46	0.33	0.29	0.46	0.37	0.44	0.83	1.13	1.38	1.43	1.28	0.89	9.29
1970	Wet	0.68	0.47	0.42	1.02	0.89	0.59	0.67	0.95	1.18	1.22	1.08	0.76	9.93
1971	Wet	0.56	0.38	0.34	0.79	0.74	0.47	0.61	1.05	1.27	1.33	1.12	0.83	9.49
1972	Below Normal	0.41	0.31	0.27	0.22	0.27	0.35	0.65	1.05	1.28	1.33	1.13	0.82	8.09
1973	Above Normal	0.45	0.32	0.29	0.28	0.42	0.44	0.68	0.97	1.20	1.25	1.10	0.77	8.17
1974	Wet	0.58	0.39	0.35	0.83	0.84	0.61	0.78	1.08	1.34	1.39	1.23	0.86	10.28
1975	Wet	0.64	0.43	0.39	0.83	0.74	0.59	0.69	0.94	1.16	1.21	1.07	0.75	9.44
1976	Critical	0.56	0.37	0.34	0.67	0.59	0.37	0.61	1.01	1.23	1.29	1.08	0.79	8.91
1977	Critical	0.40	0.30	0.27	0.09	0.08	0.12	0.22	0.27	0.00	0.00	0.06	1.05	2.86
1978	Above Normal	0.42	0.31	0.29	0.08	0.18	0.36	0.66	0.92	1.13	1.17	1.04	0.72	7.28
1979	Below Normal	0.54	0.37	0.33	0.61	0.57	0.50	0.71	1.02	1.25	1.30	1.15	0.81	9.16
1980	Above Normal	0.60	0.41	0.37	0.74	0.78	0.44	0.83	1.12	1.36	1.41	1.26	0.88	10.20
1981	Dry	0.67	0.47	0.43	0.86	0.84	0.50	0.59	1.00	1.22	1.27	1.07	0.79	9.71
1982	Wet	0.39	0.29	0.26	0.27	0.35	0.54	1.00	1.27	1.57	1.63	1.44	1.01	10.02
1983	Wet	0.75	0.51	0.46	0.98	0.71	0.42	0.81	1.09	1.33	1.38	1.23	0.86	10.53
1984	Wet	0.73	0.54	0.49	1.09	0.81	0.47	0.66	0.96	1.18	1.23	1.09	0.76	10.01
1985	Dry	0.57	0.38	0.42	0.76	0.69	0.53	0.64	0.90	1.12	1.16	1.03	0.72	8.92
1986	Wet	0.54	0.36	0.32	0.58	0.53	0.60	0.84	1.13	1.38	1.43	1.27	0.89	9.87
1987	Dry	0.68	0.47	0.43	0.74	0.66	0.33	0.35	0.44	0.82	0.85	0.75	0.38	6.90
1988	Critical	0.23	0.20	0.21	0.09	0.10	0.12	0.23	0.29	0.54	0.56	0.50	0.25	3.32
1989	Dry	0.15	0.13	0.14	0.09	0.09	0.12	0.68	1.14	1.38	1.44	1.21	0.89	7.46
1990	Critical	0.46	0.34	0.31	0.09	0.09	0.15	0.30	0.38	0.71	0.74	0.65	0.32	4.54
1991	Critical	0.20	0.17	0.18	0.09	0.08	0.12	0.23	0.29	0.55	0.58	0.51	0.25	3.25
1992	Critical	0.16	0.13	0.14	0.09	0.08	0.12	0.23	0.28	0.54	0.56	0.04	0.50	2.87
1993	Above Normal	0.24	0.19	0.18	0.08	0.30	0.35	0.66	0.98	1.20	1.25	1.08	0.77	7.28
1994	Critical	0.49	0.34	0.31	0.42	0.38	0.31	0.56	0.93	1.12	1.17	0.99	0.73	7.75
1995	Wet	0.37	0.27	0.24	0.09	0.28	0.33	0.85	1.17	1.44	1.50	1.33	0.93	8.80
1996	Wet	0.70	0.47	0.43	0.83	0.78	0.57	0.71	0.98	1.21	1.26	1.11	0.78	9.83
1997	Wet	0.58	0.39	0.35	0.81	0.81	0.63	0.79	1.09	1.34	1.40	1.24	0.86	10.29
1998	Wet	0.65	0.43	0.39	0.75	0.85	0.62	0.79	1.28	1.57	1.63	1.44	1.01	11.41
1999	Wet	0.76	0.59	0.55	0.95	0.95	0.67	0.67	0.96	1.18	1.23	1.09	0.76	10.36
2000	Above Normal	0.57	0.38	0.34	0.66	0.66	0.48	0.67	1.08	1.31	1.37	1.16	0.85	9.53
2001	Dry	0.46	0.34	0.30	0.18	0.17	0.18	0.36	0.45	0.84	0.87	0.77	0.39	5.31
2002	Dry	0.24	0.20	0.22	0.16	0.19	0.25	0.68	0.93	1.15	1.19	1.05	0.74	7.00
2003	Above Normal	0.55	0.37	0.34	0.25	0.23	0.25	0.55	0.91	1.11	1.16	0.97	0.72	7.41
	Average	0.49	0.35	0.32	0.45	0.44	0.38	0.62	0.92	1.16	1.21	1.05	0.75	8.13
	Wet	0.56	0.39	0.35	0.65	0.65	0.52	0.76	1.08	1.32	1.37	1.21	0.85	9.71
	Above Normal	0.51	0.36	0.32	0.39	0.43	0.39	0.66	0.99	1.22	1.27	1.10	0.78	8.42
	Below Normal	0.50	0.35	0.32	0.45	0.44	0.39	0.64	1.02	1.24	1.30	1.11	0.80	8.58
	Dry	0.44	0.32	0.30	0.36	0.33	0.29	0.57	0.90	1.14	1.19	1.02	0.71	7.58
	Critical	0.36	0.27	0.25	0.21	0.20	0.19	0.32	0.45	0.69	0.72	0.60	0.47	4.73

Energy Use (GWh) At Pumping Plant at Las Perillas: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.73	0.54	0.48	0.23	0.30	0.40	0.69	0.96	1.18	1.23	1.08	0.76	8.58
1923	Below Normal	0.57	0.38	0.34	0.79	0.76	0.51	0.63	1.03	1.25	1.31	1.11	0.81	9.49
1924	Critical	0.44	0.32	0.29	0.19	0.18	0.18	0.27	0.33	0.62	0.65	0.57	0.28	4.32
1925	Dry	0.18	0.15	0.16	0.09	0.08	0.30	0.66	1.09	1.32	1.38	1.16	0.86	7.43
1926	Dry	0.44	0.33	0.29	0.09	0.11	0.21	0.37	0.94	1.14	1.19	1.00	0.74	6.85
1927	Wet	0.38	0.28	0.25	0.15	0.23	0.41	0.69	0.97	1.19	1.24	1.10	0.77	7.66
1928	Above Normal	0.57	0.39	0.35	0.68	0.63	0.36	0.67	0.93	1.14	1.19	1.05	0.74	8.70
1929	Critical	0.54	0.37	0.33	0.55	0.50	0.27	0.22	0.30	0.57	0.60	0.53	0.26	5.04
1930	Dry	0.16	0.14	0.15	0.08	0.11	0.16	0.45	0.67	0.96	1.00	0.86	0.54	5.28
1931	Critical	0.30	0.23	0.22	0.08	0.09	0.14	0.32	0.39	0.74	0.77	0.68	0.34	4.30
1932	Dry	0.21	0.18	0.19	0.10	0.15	0.20	0.49	0.79	0.99	1.04	0.88	0.62	5.84
1933	Critical	0.32	0.24	0.22	0.09	0.10	0.18	0.36	0.52	0.88	0.92	0.80	0.43	5.06
1934	Critical	0.26	0.21	0.22	0.09	0.08	0.15	0.34	0.42	0.79	0.83	0.73	0.22	4.34
1935	Below Normal	0.28	0.24	0.25	0.09	0.12	0.19	0.65	1.09	1.31	1.37	1.16	0.85	7.60
1936	Below Normal	0.43	0.32	0.29	0.10	0.18	0.47	0.71	1.01	1.24	1.29	1.15	0.80	7.99
1937	Below Normal	0.60	0.41	0.37	0.63	0.65	0.55	0.85	1.17	1.43	1.49	1.32	0.92	10.39
1938	Wet	0.70	0.47	0.43	0.86	0.98	0.67	0.90	1.23	1.52	1.58	1.40	0.98	11.72
1939	Dry	0.73	0.50	0.45	0.91	0.85	0.54	0.66	1.06	1.29	1.34	1.14	0.83	10.30
1940	Above Normal	0.45	0.33	0.29	0.10	0.10	0.27	0.65	1.10	1.34	1.40	1.18	0.87	8.08
1941	Wet	0.44	0.33	0.29	0.25	0.32	0.43	0.78	1.10	1.34	1.40	1.24	0.87	8.79
1942	Wet	0.65	0.44	0.40	0.91	0.90	0.63	0.72	0.99	1.22	1.27	1.13	0.79	10.05
1943	Wet	0.59	0.39	0.35	0.78	0.80	0.57	0.84	1.15	1.41	1.47	1.30	0.91	10.56
1944	Dry	0.68	0.46	0.42	0.44	0.39	0.27	0.48	0.75	0.99	1.04	0.88	0.60	7.40
1945	Below Normal	0.32	0.24	0.23	0.13	0.13	0.47	0.71	0.98	1.20	1.25	1.11	0.77	7.54
1946	Below Normal	0.58	0.39	0.43	0.82	0.53	0.46	0.66	0.93	1.15	1.19	1.05	0.74	8.93
1947	Dry	0.55	0.37	0.33	0.67	0.59	0.38	0.68	1.04	1.27	1.33	1.14	0.82	9.17
1948	Below Normal	0.50	0.35	0.32	0.32	0.29	0.20	0.34	0.97	1.17	1.22	1.03	0.76	7.47
1949	Dry	0.39	0.29	0.26	0.13	0.13	0.20	0.69	1.03	1.25	1.31	1.13	0.81	7.62
1950	Below Normal	0.51	0.36	0.32	0.18	0.17	0.19	0.59	0.97	1.18	1.23	1.04	0.76	7.50
1951	Above Normal	0.39	0.29	0.26	0.40	0.42	0.48	0.67	0.96	1.19	1.23	1.09	0.76	8.14
1952	Wet	0.57	0.38	0.34	0.80	0.79	0.56	0.74	1.04	1.27	1.32	1.18	0.82	9.81
1953	Wet	0.62	0.42	0.46	0.91	0.84	0.56	0.62	0.91	1.12	1.16	1.01	0.72	9.35
1954	Above Normal	0.48	0.33	0.30	0.49	0.52	0.44	0.66	1.11	1.34	1.40	1.18	0.87	9.12
1955	Dry	0.44	0.33	0.29	0.15	0.17	0.23	0.54	0.89	1.08	1.13	0.95	0.70	6.90
1956	Wet	0.35	0.26	0.23	0.37	0.47	0.54	0.78	1.09	1.35	1.40	1.24	0.87	8.95
1957	Above Normal	0.65	0.43	0.39	0.73	0.67	0.43	0.54	0.90	0.86	1.18	1.00	0.74	8.52
1958	Wet	0.39	0.30	0.27	0.21	0.36	0.52	0.93	1.28	1.58	1.64	1.45	1.01	9.94
1959	Below Normal	0.76	0.51	0.46	0.85	0.81	0.53	0.61	1.01	1.22	1.28	1.07	0.79	9.90
1960	Dry	0.40	0.29	0.26	0.09	0.08	0.18	0.70	1.13	1.37	1.43	1.21	0.89	8.03
1961	Dry	0.47	0.35	0.31	0.14	0.15	0.17	0.59	0.97	1.17	1.23	1.03	0.76	7.34
1962	Below Normal	0.39	0.29	0.26	0.09	0.09	0.25	0.60	1.00	1.21	1.26	1.06	0.78	7.28
1963	Wet	0.40	0.30	0.27	0.31	0.33	0.39	0.65	0.92	1.14	1.18	1.05	0.73	7.67
1964	Dry	0.55	0.36	0.41	0.69	0.42	0.37	0.69	0.94	1.16	1.21	1.07	0.75	8.62
1965	Wet	0.56	0.38	0.34	0.66	0.68	0.46	0.63	0.89	1.10	1.14	1.00	0.71	8.55
1966	Below Normal	0.51	0.34	0.31	0.66	0.67	0.47	0.64	1.06	1.29	1.34	1.13	0.83	9.25
1967	Wet	0.43	0.32	0.29	0.21	0.40	0.45	0.77	1.09	1.35	1.40	1.24	0.87	8.82
1968	Below Normal	0.65	0.44	0.40	0.82	0.84	0.54	0.63	1.01	1.23	1.28	1.09	0.80	9.73
1969	Wet	0.45	0.32	0.29	0.40	0.49	0.44	0.83	1.13	1.38	1.43	1.27	0.89	9.32
1970	Wet	0.75	0.47	0.42	1.02	0.92	0.58	0.67	0.95	1.18	1.22	1.08	0.76	10.02
1971	Wet	0.56	0.38	0.34	0.79	0.74	0.47	0.61	1.04	1.27	1.33	1.12	0.82	9.47
1972	Below Normal	0.41	0.31	0.27	0.22	0.27	0.35	0.65	1.05	1.27	1.33	1.13	0.82	8.08
1973	Above Normal	0.45	0.32	0.29	0.28	0.42	0.44	0.68	0.97	1.20	1.25	1.10	0.77	8.17
1974	Wet	0.58	0.39	0.35	0.83	0.84	0.61	0.76	1.05	1.29	1.34	1.19	0.83	10.06
1975	Wet	0.62	0.41	0.37	0.81	0.72	0.58	0.69	0.95	1.18	1.22	1.08	0.75	9.38
1976	Critical	0.56	0.38	0.34	0.67	0.59	0.37	0.61	1.01	1.22	1.28	1.07	0.79	8.89
1977	Critical	0.40	0.30	0.27	0.09	0.08	0.12	0.22	0.19	0.00	0.00	0.06	0.88	2.61
1978	Above Normal	0.30	0.51	0.46	0.08	0.18	0.35	0.67	0.95	1.17	1.22	1.06	0.75	7.70
1979	Below Normal	0.52	0.36	0.32	0.49	0.47	0.50	0.71	1.00	1.23	1.28	1.13	0.79	8.80
1980	Above Normal	0.59	0.40	0.36	0.72	0.78	0.60	0.76	1.07	1.31	1.36	1.21	0.85	10.01
1981	Dry	0.64	0.44	0.40	0.80	0.79	0.50	0.61	1.03	1.25	1.31	1.10	0.81	9.68
1982	Wet	0.40	0.30	0.27	0.27	0.35	0.53	1.00	1.27	1.57	1.63	1.44	1.01	10.04
1983	Wet	0.75	0.51	0.46	0.98	0.71	0.42	0.81	1.09	1.33	1.38	1.23	0.86	10.53
1984	Wet	0.73	0.54	0.49	1.09	0.80	0.47	0.66	0.96	1.18	1.23	1.09	0.76	10.00
1985	Dry	0.57	0.38	0.42	0.76	0.69	0.53	0.64	0.90	1.12	1.16	1.03	0.72	8.92
1986	Wet	0.54	0.36	0.32	0.58	0.53	0.60	0.84	1.13	1.38	1.43	1.28	0.89	9.88
1987	Dry	0.68	0.47	0.43	0.74	0.66	0.33	0.34	0.42	0.79	0.82	0.72	0.36	6.76
1988	Critical	0.23	0.19	0.21	0.09	0.10	0.12	0.23	0.29	0.54	0.56	0.50	0.25	3.31
1989	Dry	0.15	0.13	0.14	0.09	0.09	0.12	0.68	1.14	1.38	1.44	1.21	0.89	7.46
1990	Critical	0.46	0.34	0.31	0.09	0.09	0.15	0.30	0.38	0.71	0.74	0.65	0.32	4.54
1991	Critical	0.20	0.17	0.18	0.09	0.08	0.12	0.23	0.29	0.55	0.58	0.51	0.25	3.25
1992	Critical	0.15	0.13	0.14	0.09	0.08	0.12	0.23	0.28	0.54	0.46	0.04	0.53	2.79
1993	Above Normal	0.26	0.21	0.20	0.08	0.30	0.35	0.66	0.98	1.20	1.25	1.08	0.77	7.34
1994	Critical	0.49	0.34	0.31	0.42	0.37	0.31	0.56	0.93	1.12	1.17	0.99	0.73	7.74
1995	Wet	0.37	0.27	0.24	0.09	0.28	0.33	0.85	1.17	1.44	1.50	1.33	0.93	8.80
1996	Wet	0.70	0.47	0.43	0.44	0.45	0.43	0.69	0.95	1.17	1.22	1.08	0.75	8.78
1997	Wet	0.56	0.38	0.34	0.80	0.80	0.63	0.79	1.09	1.34	1.40	1.24	0.86	10.23
1998	Wet	0.65	0.43	0.39	0.75	0.85	0.62	0.79	1.13	1.40	1.45	1.28	0.90	10.64
1999	Wet	0.75	0.53	0.49	0.88	0.90	0.59	0.67	0.96	1.19	1.23	1.09	0.76	10.04
2000	Above Normal	0.57	0.38	0.34	0.66	0.66	0.48	0.67	1.09	1.32	1.38	1.17	0.85	9.57
2001	Dry	0.46	0.33	0.30	0.16	0.15	0.18	0.36	0.45	0.84	0.88	0.78	0.39	5.28
2002	Dry	0.24	0.20	0.22	0.16	0.18	0.25	0.68	0.93	1.14	1.19	1.05	0.73	6.97
2003	Above Normal	0.55	0.37	0.34	0.26	0.23	0.26	0.55	0.91	1.11	1.16	0.97	0.72	7.43
	Average	0.49	0.35	0.32	0.44	0.44	0.38	0.62	0.92	1.15	1.20	1.04	0.74	8.08
	Wet	0.56	0.39	0.35	0.62	0.63	0.52	0.76	1.06	1.30	1.35	1.20	0.84	9.58
	Above Normal	0.50	0.38	0.34	0.39	0.43	0.41	0.66	0.99	1.20	1.27	1.10	0.79	8.45
	Below Normal	0.50	0.35	0.33	0.44	0.43	0.41	0.64	1.02	1.24	1.29	1.11	0.80	8.57
	Dry	0.44	0.32	0.30	0.35	0.32	0.28	0.57	0.90	1.14	1.19	1.02	0.71	7.55
	Critical	0.36	0.27	0.25	0.21	0.20	0.19	0.32	0.44	0.69	0.71	0.59	0.44	4.68

Difference in Energy Use (GWh) At Pumping Plant at Las Perillas: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)
1925	Dry	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1926	Dry	0.01	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1929	Critical	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	(0.14)	(0.01)
1935	Below Normal	0.05	0.05	0.05	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	0.00	(0.01)	0.01
1936	Below Normal	(0.01)	(0.01)	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	(0.01)	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1938	Wet	0.00	0.00	0.00	(0.09)	0.07	0.13	0.00	(0.08)	(0.08)	(0.08)	(0.08)	0.00	(0.02)
1939	Dry	(0.01)	0.00	0.00	0.00	(0.01)	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1940	Above Normal	0.01	0.01	0.00	(0.02)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)
1943	Wet	(0.01)	(0.01)	(0.01)	0.00	(0.02)	(0.01)	(0.01)	(0.02)	(0.03)	(0.02)	(0.02)	(0.01)	(0.01)
1944	Dry	(0.01)	(0.01)	0.00	(0.11)	(0.10)	(0.04)	0.00	(0.01)	(0.01)	0.00	0.00	(0.01)	(0.03)
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.08)	(0.08)	(0.07)	(0.05)	(0.03)
1953	Wet	(0.05)	(0.05)	(0.04)	(0.06)	(0.07)	(0.02)	0.00	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	(0.03)
1954	Above Normal	0.00	0.00	0.01	0.03	0.04	0.02	0.00	0.01	0.01	0.01	0.01	0.01	0.01
1955	Dry	0.01	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1956	Wet	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.23)	0.04	0.04	0.04	(0.01)
1958	Wet	0.04	0.04	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1959	Below Normal	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.03)	(0.04)	(0.03)	(0.03)	(0.02)	(0.02)
1960	Dry	(0.01)	(0.01)	(0.01)	0.00	0.00	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1966	Below Normal	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00	0.03	0.03	0.03	0.02	0.03	0.01
1969	Wet	(0.01)	(0.01)	0.00	(0.06)	0.12	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1970	Wet	0.07	0.00	0.00	0.00	0.03	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.03)	(0.05)	(0.05)	(0.04)	(0.03)	(0.02)
1975	Wet	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	0.00	0.01	0.02	0.01	0.01	0.00	0.00
1976	Critical	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)	0.00	0.00	0.00	(0.17)	(0.02)
1978	Above Normal	(0.12)	0.20	0.17	0.00	0.00	(0.01)	0.01	0.03	0.04	0.05	0.02	0.03	0.04
1979	Below Normal	(0.02)	(0.01)	(0.01)	(0.12)	(0.10)	0.00	0.00	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)
1980	Above Normal	(0.01)	(0.01)	(0.01)	(0.02)	0.00	0.16	(0.07)	(0.05)	(0.05)	(0.05)	(0.05)	(0.03)	(0.02)
1981	Dry	(0.03)	(0.03)	(0.03)	(0.06)	(0.05)	0.00	0.02	0.03	0.03	0.04	0.03	0.02	0.00
1982	Wet	0.01	0.01	0.01	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.03)	(0.03)	(0.03)	(0.02)	(0.01)
1988	Critical	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)	0.00	0.03	(0.01)
1993	Above Normal	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1994	Critical	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	(0.39)	(0.33)	(0.14)	(0.02)	(0.03)	(0.04)	(0.04)	(0.03)	(0.03)	(0.09)
1997	Wet	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.15)	(0.17)	(0.18)	(0.16)	(0.11)	(0.06)
1999	Wet	(0.01)	(0.06)	(0.06)	(0.07)	(0.05)	(0.08)	0.00	0.00	0.01	0.00	0.00	0.00	(0.03)
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00
2001	Dry	0.00	(0.01)	0.00	(0.02)	(0.02)	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
2003	Above Normal	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	(0.00)	0.00	0.00	(0.01)	(0.01)	0.00	(0.00)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.00)
	Wet	0.00	(0.00)	(0.00)	(0.03)	(0.01)	(0.01)	(0.00)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)
	Above Normal	(0.01)	0.02	0.02	(0.00)	0.00	0.02	(0.00)	(0.00)	(0.02)	0.01	0.00	0.01	0.00
	Below Normal	0.00	0.00	0.00	(0.01)	(0.01)	0.01	(0.00)	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
	Dry	(0.00)	(0.00)	(0.00)	(0.01)	(0.01)	(0.00)	0.00	(0.00)	(0.00)	0.00	0.00	(0.00)	(0.00)
	Critical	(0.00)	0.00	0.00	(0.00)	(0.00)	0.00	0.00	(0.01)	(0.00)	(0.01)	(0.00)	(0.03)	(0.00)

Percent Difference in Energy Use (GWh) At Pumping Plant at Las Perillas: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	-3%	-3%	-2%	-2%	-3%
1925	Dry	0%	0%	0%	0%	-11%	0%	0%	0%	0%	0%	0%	1%
1926	Dry	2%	3%	0%	0%	0%	0%	0%	-1%	0%	-1%	-1%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1929	Critical	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	2%	1%	0%	1%	1%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	-1%	-1%	-1%	-2%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	-39%
1935	Below Normal	22%	26%	25%	0%	0%	0%	-2%	0%	-1%	-1%	0%	-1%
1936	Below Normal	-2%	-3%	0%	0%	6%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	-2%	49%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-9%	8%	24%	0%	-6%	-5%	-5%	-5%	0%
1939	Dry	-1%	0%	0%	0%	-1%	-2%	2%	0%	0%	0%	0%	0%
1940	Above Normal	2%	3%	0%	-17%	-17%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	-1%	-2%	-2%	-2%	-1%	-1%
1943	Wet	-2%	-3%	-3%	0%	-2%	-2%	-1%	-2%	-2%	-1%	-2%	-1%
1944	Dry	-1%	-2%	0%	-20%	-20%	-13%	0%	-1%	-1%	0%	0%	-2%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	1%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	2%	1%	1%	0%	0%	1%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1948	Below Normal	0%	0%	0%	-3%	-3%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	-6%	-6%	-6%	-6%	-6%
1953	Wet	-7%	-11%	-8%	-6%	-8%	-3%	0%	-1%	-1%	-2%	-1%	-1%
1954	Above Normal	0%	0%	3%	7%	8%	5%	0%	1%	1%	1%	1%	1%
1955	Dry	2%	3%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%
1956	Wet	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-21%	4%	4%	6%
1958	Wet	11%	15%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	-1%	-2%	-2%	-3%	-3%	-2%	-3%	-2%
1960	Dry	-2%	-3%	-4%	0%	0%	6%	0%	0%	0%	-1%	0%	0%
1961	Dry	0%	0%	0%	8%	7%	0%	0%	0%	0%	1%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1966	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	1%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	0%	-1%	0%	0%
1968	Below Normal	0%	0%	0%	-1%	0%	-2%	0%	3%	3%	2%	2%	4%
1969	Wet	-2%	-3%	0%	-13%	32%	0%	0%	0%	0%	0%	-1%	0%
1970	Wet	10%	0%	0%	0%	3%	-2%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	-1%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	-3%	-3%	-4%	-4%	-3%	-3%
1975	Wet	-3%	-5%	-5%	-2%	-3%	-2%	0%	1%	2%	1%	1%	0%
1976	Critical	0%	3%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	-30%	0%	0%	0%	-16%
1978	Above Normal	-29%	65%	59%	0%	0%	-3%	2%	3%	4%	4%	2%	4%
1979	Below Normal	-4%	-3%	-3%	-20%	-18%	0%	0%	-2%	-2%	-2%	-2%	-2%
1980	Above Normal	-2%	-2%	-3%	-3%	0%	36%	-8%	-4%	-4%	-4%	-4%	-3%
1981	Dry	-4%	-6%	-7%	-7%	-6%	0%	3%	3%	2%	3%	3%	3%
1982	Wet	3%	3%	4%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-3%	-5%	-4%	-4%	-4%	-5%
1988	Critical	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	-6%	0%	0%	0%	0%	0%	0%	0%	0%	-18%	0%	6%
1993	Above Normal	8%	11%	11%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	-47%	-42%	-25%	-3%	-3%	-3%	-3%	-3%	-4%
1997	Wet	-3%	-3%	-3%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	-12%	-11%	-11%	-11%	-11%
1999	Wet	-1%	-10%	-11%	-7%	-5%	-12%	0%	0%	1%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	0%
2001	Dry	0%	-3%	0%	-11%	-12%	0%	0%	0%	0%	1%	1%	0%
2002	Dry	0%	0%	0%	0%	-5%	0%	0%	0%	-1%	0%	0%	-1%
2003	Above Normal	0%	0%	0%	4%	0%	4%	0%	0%	0%	0%	0%	0%
	Average	0%	1%	1%	-2%	-1%	1%	0%	-1%	-1%	-1%	0%	-1%
	Wet	0%	-1%	-1%	-3%	-1%	-1%	0%	-1%	-1%	-1%	-1%	-1%
	Above Normal	-2%	6%	6%	-1%	-1%	4%	-1%	0%	-2%	0%	0%	1%
	Below Normal	1%	1%	2%	-2%	-1%	3%	0%	0%	0%	0%	0%	0%
	Dry	0%	0%	-1%	-2%	-3%	0%	0%	0%	0%	0%	0%	0%
	Critical	-1%	0%	0%	0%	0%	0%	0%	-3%	0%	-2%	0%	-5%

Energy Use (GWh) At Pumping Plant at Oso: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	26.99	22.53	14.89	4.45	9.77	17.74	20.82	18.85	18.27	19.42	19.57	18.07	211.37
1923	Below Normal	15.17	13.88	11.43	22.05	24.30	25.68	18.67	18.62	17.77	20.86	19.48	16.32	224.23
1924	Critical	12.10	11.10	7.32	6.45	5.87	7.12	9.50	9.08	8.52	10.16	7.70	5.66	100.58
1925	Dry	0.65	0.27	0.09	1.59	3.32	17.30	15.69	20.00	19.22	22.93	21.02	17.18	139.26
1926	Dry	12.53	11.52	7.23	4.55	4.56	8.92	11.84	17.46	16.65	19.82	18.16	14.83	148.07
1927	Wet	10.43	9.51	5.69	3.20	5.53	20.37	22.56	20.81	20.30	21.58	21.75	20.12	181.85
1928	Above Normal	17.29	15.82	13.18	14.61	15.06	11.29	22.73	20.75	20.18	21.53	21.64	19.95	214.03
1929	Critical	17.06	15.59	12.87	12.94	11.56	8.61	8.27	8.41	7.75	9.30	7.08	5.19	124.63
1930	Dry	0.46	0.26	0.11	1.21	3.75	6.56	14.22	13.95	13.35	15.85	13.46	10.55	93.73
1931	Critical	5.58	4.69	2.04	3.88	3.83	6.17	10.55	10.23	9.72	11.73	8.82	6.44	83.68
1932	Dry	1.15	0.43	0.11	2.71	3.70	7.95	15.38	15.22	14.38	17.12	15.42	12.49	106.06
1933	Critical	8.02	7.17	3.89	4.18	4.09	7.09	11.63	12.20	11.78	14.11	11.05	8.28	103.49
1934	Critical	2.86	1.92	0.10	3.61	3.36	6.46	11.12	10.81	10.39	12.47	0.94	0.76	64.80
1935	Below Normal	7.40	8.26	5.03	3.64	3.97	7.43	19.85	20.08	19.34	24.87	22.83	18.64	161.34
1936	Below Normal	13.86	12.75	8.17	4.82	4.34	26.97	18.79	21.61	21.11	22.46	22.63	20.93	198.44
1937	Below Normal	18.11	16.58	13.86	14.36	20.24	26.97	17.82	20.08	19.53	20.81	20.97	19.31	228.64
1938	Wet	16.37	15.07	12.48	17.72	20.95	26.24	15.68	18.10	17.54	18.66	18.79	17.23	214.83
1939	Dry	14.17	13.13	11.90	18.94	24.36	26.97	22.54	19.53	14.29	24.58	22.82	20.91	234.14
1940	Above Normal	16.31	14.99	16.10	4.22	4.00	10.27	19.73	20.27	19.52	24.08	22.11	18.04	189.64
1941	Wet	13.34	12.26	7.82	6.12	9.44	26.97	14.14	16.72	16.03	17.14	17.25	15.80	173.03
1942	Wet	12.75	11.78	9.48	23.94	15.86	26.97	24.83	18.59	18.02	19.20	19.34	17.82	218.58
1943	Wet	14.91	13.67	11.20	15.34	19.15	26.97	23.02	20.78	20.19	21.53	21.72	20.05	228.53
1944	Dry	17.12	15.76	13.12	13.31	11.92	9.65	15.21	15.09	14.22	17.00	15.04	12.06	169.50
1945	Below Normal	7.40	6.51	3.45	5.31	4.56	23.69	18.73	20.76	20.27	21.56	21.71	20.08	174.03
1946	Below Normal	17.25	15.77	22.38	13.64	17.71	22.11	21.19	19.57	18.98	20.20	20.38	18.83	228.01
1947	Dry	15.96	14.61	12.06	14.82	13.42	12.32	21.86	20.94	20.24	22.88	21.91	19.01	210.03
1948	Below Normal	15.19	13.91	10.25	8.91	7.96	7.29	11.11	17.91	0.83	25.24	23.14	18.91	160.65
1949	Dry	14.13	12.98	8.32	5.72	4.76	8.18	21.92	20.78	20.18	22.62	21.76	19.05	180.40
1950	Below Normal	15.35	14.06	10.53	5.60	4.95	7.06	18.23	18.18	0.81	24.65	22.59	18.44	160.45
1951	Above Normal	13.70	12.59	13.38	21.30	24.36	26.97	17.19	20.15	19.61	20.81	21.00	19.42	230.48
1952	Wet	16.56	15.16	12.57	19.74	20.80	19.05	17.00	15.66	14.87	15.98	16.09	14.67	198.15
1953	Wet	11.55	10.71	17.72	17.05	15.46	26.97	26.11	18.47	17.51	19.54	18.98	16.83	216.90
1954	Above Normal	13.37	12.22	9.20	11.68	11.30	16.25	19.85	19.94	19.07	23.00	21.40	17.49	194.77
1955	Dry	12.82	11.79	7.42	4.24	4.32	9.41	17.06	17.02	16.11	19.24	17.71	14.46	151.60
1956	Wet	10.09	9.20	5.47	17.67	25.23	26.97	19.70	21.75	21.28	22.60	22.79	21.08	223.83
1957	Above Normal	18.21	16.74	14.00	15.84	15.50	14.72	16.91	16.77	0.89	23.72	21.75	17.78	192.83
1958	Wet	13.08	12.01	7.60	1.84	11.55	23.95	18.99	21.20	20.67	22.01	22.23	20.45	195.58
1959	Below Normal	17.51	16.16	13.48	18.83	17.97	26.37	19.10	19.04	16.95	24.07	22.03	17.99	229.50
1960	Dry	13.30	12.21	7.75	4.39	3.97	7.11	21.17	21.16	20.51	25.67	23.68	21.58	182.50
1961	Dry	16.79	15.44	10.45	5.33	5.08	6.90	18.11	18.03	17.28	20.56	18.86	16.43	169.26
1962	Below Normal	4.55	20.76	8.66	3.75	3.35	9.51	18.34	18.42	0.84	25.05	22.98	18.78	154.99
1963	Wet	13.98	12.87	8.27	9.33	11.79	19.15	20.87	19.40	18.79	19.97	20.18	18.66	193.26
1964	Dry	15.80	14.44	21.12	10.27	12.88	14.01	22.38	20.25	19.73	20.97	21.15	19.55	212.55
1965	Wet	16.74	15.29	12.71	18.30	20.38	19.32	20.57	18.75	18.07	19.62	19.60	17.88	217.23
1966	Below Normal	14.88	13.57	10.89	18.54	20.53	18.89	19.05	18.96	18.15	21.75	20.15	16.64	212.00
1967	Wet	12.21	11.22	7.17	3.50	12.35	19.55	22.00	20.18	19.61	20.92	21.10	19.44	189.25
1968	Below Normal	16.53	15.18	14.68	21.36	17.05	26.97	21.94	18.45	17.77	20.24	19.22	16.54	225.93
1969	Wet	12.69	11.62	8.19	18.76	23.62	26.97	15.90	18.31	17.68	18.87	19.02	17.43	209.06
1970	Wet	17.15	10.50	10.86	16.91	19.34	26.97	19.46	20.15	19.62	20.85	20.99	19.40	222.20
1971	Wet	16.55	15.14	12.56	22.11	17.08	20.49	18.38	18.69	17.88	21.44	19.67	16.06	216.05
1972	Below Normal	11.49	10.57	6.47	2.15	9.37	17.44	19.80	19.51	18.77	21.95	20.44	17.08	175.04
1973	Above Normal	12.78	11.73	7.76	4.18	14.15	25.20	18.04	20.85	20.36	21.55	21.73	20.10	198.43
1974	Wet	17.27	15.79	13.17	21.91	24.36	26.97	22.29	19.95	19.45	20.63	20.80	19.19	241.78
1975	Wet	16.27	14.94	12.35	16.87	16.18	26.05	22.53	20.49	20.00	21.18	21.37	19.78	228.01
1976	Critical	16.92	15.47	12.86	14.57	13.66	12.10	18.88	18.98	14.13	24.18	22.12	20.00	203.87
1977	Critical	15.18	13.91	9.06	4.42	4.01	5.78	8.30	2.09	0.94	1.02	0.95	0.77	66.43
1978	Above Normal	0.32	0.52	0.16	3.50	3.66	16.49	20.46	18.77	18.19	19.31	19.46	17.96	138.80
1979	Below Normal	15.12	13.77	11.30	14.36	20.14	26.97	17.30	19.55	19.02	20.16	20.32	18.77	216.78
1980	Above Normal	15.87	14.52	12.03	15.65	23.36	26.97	15.52	17.93	17.30	18.51	18.65	17.08	213.39
1981	Dry	14.03	12.98	10.56	17.34	17.00	17.78	18.49	18.81	2.64	25.26	23.12	19.50	197.51
1982	Wet	14.68	13.48	8.73	8.61	11.13	26.97	19.38	18.85	19.72	20.99	21.14	19.43	203.11
1983	Wet	19.25	17.99	26.97	14.60	24.36	26.97	13.28	13.21	17.13	15.74	10.75	13.61	213.86
1984	Wet	13.24	12.50	26.97	16.96	25.23	26.97	17.40	20.45	19.87	21.18	21.35	19.76	241.88
1985	Dry	16.88	15.47	22.09	12.36	15.87	22.74	21.04	19.43	18.93	20.07	20.21	18.68	223.77
1986	Wet	15.84	14.47	11.93	13.39	12.08	26.97	18.33	20.23	19.73	20.94	21.16	19.44	214.51
1987	Dry	16.49	15.22	12.60	16.46	15.40	10.68	11.39	11.14	10.80	12.83	9.71	7.11	149.83
1988	Critical	1.54	0.63	0.10	2.54	3.72	5.66	8.52	7.96	7.28	8.78	6.66	4.91	58.30
1989	Dry	0.34	0.26	0.10	0.80	3.47	5.73	20.56	20.93	20.14	25.47	23.35	19.71	140.86
1990	Critical	14.86	13.68	8.84	4.51	4.25	6.52	10.26	9.87	9.41	11.27	8.50	6.24	108.21
1991	Critical	1.01	0.28	0.08	2.05	3.25	5.51	8.60	8.10	7.56	10.21	7.67	5.63	59.95
1992	Critical	0.67	0.26	0.11	1.57	3.24	5.62	8.55	8.01	7.30	0.97	0.94	9.28	46.52
1993	Above Normal	4.94	0.32	5.85	3.54	9.91	17.12	20.35	19.25	18.56	21.94	21.21	18.61	161.60
1994	Critical	15.00	13.71	10.30	10.96	9.50	11.23	17.38	17.27	16.41	20.34	8.41	18.96	169.47
1995	Wet	5.90	21.59	17.91	3.71	8.29	14.36	23.27	21.19	20.68	22.00	22.23	20.51	201.64
1996	Wet	17.61	16.19	13.53	19.00	20.60	23.72	22.70	20.54	20.02	21.28	21.46	19.83	236.48
1997	Wet	16.98	15.55	12.95	19.50	22.81	26.97	18.76	18.80	18.16	19.32	19.50	17.97	227.27
1998	Wet	15.00	13.80	11.31	16.74	23.54	25.63	19.96	18.37	17.76	19.02	19.20	17.58	217.91
1999	Wet	16.62	16.94	14.60	16.69	23.52	26.97	21.70	20.18	19.60	20.93	21.14	19.53	238.42
2000	Above Normal	16.67	15.27	12.65	15.34	15.48	16.50	20.48	20.30	19.51	22.96	21.43	17.91	214.50
2001	Dry	13.55	12.46	8.36	6.16	5.55	7.14	11.43	11.25	10.91	13.16	9.93	7.25	117.15
2002	Dry	1.59	0.70	0.08	0.07	3.62	9.70	23.01	20.83	20.28	21.64	21.86	20.22	143.60
2003	Above Normal	17.39	15.90	18.66	2.13	4.69	9.96	17.44	17.37	0.73	23.56	21.64	17.66	167.13
	Average	12.80	11.98	10.12	10.55	12.39	17.26	17.84	17.64	15.78	19.51	18.29	16.34	180.49
	Wet	14.50	13.82	12.32	14.60	17.72	24.44	19.95	19.22	18.85	20.12	19.98	18.44	213.97
	Above Normal	14.49	12.76	11.49	9.70	12.60	17.46	19.13	19.27	16.02	21.70	20.97	18.34	193.91
	Below Normal	13.56	13.70	10.76	11.24	12.60	19.53	18.57	19.34	15.01	22.42	21.35	18.38	196.43
	Dry	10.99	10.00	8.53	7.79	8.72	11.61	17.96	17.88	16.10	20.43	18.84	16.14	164.99
	Critical	9.23	8.20	5.63	5.97	5.86	7.32	10.96	10.25	9.27	11.21	7.57	7.68	99.16

Energy Use (GWh) At Pumping Plant at Oso: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	26.99	22.53	14.89	4.45	9.77	17.74	20.82	18.85	18.27	19.42	19.57	18.08	211.38
1923	Below Normal	15.17	13.88	11.43	18.10	24.30	25.63	18.67	18.63	17.78	20.88	19.49	16.32	220.28
1924	Critical	12.09	11.09	7.30	6.32	5.78	7.05	9.37	8.93	8.36	9.96	7.56	5.55	99.36
1925	Dry	0.59	0.27	0.09	1.49	3.30	15.63	15.74	20.06	19.28	23.00	21.09	17.23	137.77
1926	Dry	12.58	11.57	7.26	4.56	4.55	8.89	11.78	17.41	16.60	19.76	18.11	14.79	147.86
1927	Wet	10.39	9.47	5.66	3.23	5.46	20.37	22.58	20.84	20.33	21.60	21.78	20.14	181.85
1928	Above Normal	17.32	15.84	13.20	14.63	15.07	11.28	22.72	20.75	20.18	21.54	21.65	19.94	214.12
1929	Critical	17.04	15.57	12.85	12.90	11.53	8.60	8.27	8.40	7.74	9.30	7.08	5.19	124.47
1930	Dry	0.45	0.26	0.11	1.19	3.75	6.56	14.22	13.95	13.35	15.84	13.46	10.55	93.69
1931	Critical	5.58	4.68	2.04	3.88	3.83	6.18	10.56	10.24	9.73	11.74	8.83	6.45	83.74
1932	Dry	1.13	0.39	0.11	2.68	3.70	7.97	15.42	15.26	14.42	17.17	15.49	12.56	106.30
1933	Critical	8.10	7.26	3.96	4.18	4.10	7.05	11.51	12.07	11.67	13.98	10.89	8.12	102.89
1934	Critical	2.67	1.73	0.10	3.44	3.35	6.47	11.16	10.85	10.43	12.53	1.15	0.76	64.64
1935	Below Normal	7.42	8.65	5.37	3.64	3.97	7.43	19.75	19.97	19.24	24.79	22.76	18.58	161.57
1936	Below Normal	13.81	12.70	8.13	4.85	4.37	26.97	18.78	21.61	21.11	22.45	22.63	20.92	198.33
1937	Below Normal	18.10	16.57	13.86	14.36	20.11	26.97	17.46	19.75	19.19	20.45	20.61	18.96	226.39
1938	Wet	16.02	14.74	12.18	22.66	22.03	26.97	16.83	17.88	17.31	18.42	18.55	17.00	220.59
1939	Dry	13.93	12.91	11.70	18.90	23.80	26.97	20.41	20.01	19.27	24.62	22.94	21.10	236.56
1940	Above Normal	16.59	15.24	18.33	3.80	3.64	10.12	19.73	20.26	19.51	24.08	22.11	18.04	191.45
1941	Wet	13.33	12.26	7.82	6.13	9.44	26.97	14.14	16.72	16.03	17.14	17.25	15.80	173.03
1942	Wet	12.75	11.78	9.48	23.94	15.74	26.97	24.78	18.57	18.00	19.17	19.32	17.80	218.30
1943	Wet	14.89	13.65	11.18	14.92	17.90	26.97	23.62	20.83	20.24	21.59	21.78	20.10	227.67
1944	Dry	17.18	15.81	13.17	12.47	11.16	9.43	15.13	15.00	14.14	16.90	14.91	11.94	167.24
1945	Below Normal	7.25	6.35	3.33	5.27	4.55	23.43	18.76	20.79	20.29	21.59	21.74	20.11	173.46
1946	Below Normal	17.28	15.80	22.40	13.64	17.71	22.18	21.27	19.65	19.06	20.29	20.47	18.92	228.67
1947	Dry	16.05	14.69	12.14	14.92	13.42	12.24	21.82	20.94	20.24	22.94	21.92	18.98	210.30
1948	Below Normal	15.11	13.85	10.14	8.73	7.80	7.23	11.12	17.96	0.83	25.23	23.14	18.90	160.04
1949	Dry	14.12	12.97	8.32	5.71	4.77	8.16	21.91	20.78	20.18	22.64	21.77	19.04	180.37
1950	Below Normal	15.33	14.04	10.51	5.49	4.85	7.03	18.23	18.17	0.81	24.65	22.58	18.44	160.13
1951	Above Normal	13.70	12.59	12.92	21.30	19.22	26.97	17.19	20.15	19.61	20.81	21.00	19.42	224.88
1952	Wet	16.56	15.16	12.57	20.15	20.80	19.04	17.00	15.42	14.61	15.69	15.80	14.45	197.25
1953	Wet	11.40	10.49	17.54	15.17	18.97	26.97	21.63	18.23	17.51	19.38	18.95	16.95	213.19
1954	Above Normal	13.61	12.44	9.54	12.25	11.99	17.06	19.96	20.07	19.20	23.00	21.44	17.53	198.09
1955	Dry	12.85	11.82	7.44	4.33	4.32	9.38	16.94	16.90	15.98	19.08	17.57	14.35	150.96
1956	Wet	9.98	9.10	5.40	17.51	25.23	26.97	19.71	21.77	21.30	22.61	22.81	21.10	223.49
1957	Above Normal	18.23	16.75	14.01	16.91	15.49	14.71	16.92	16.78	0.89	23.72	21.75	17.78	193.94
1958	Wet	13.08	12.01	7.60	1.84	11.55	23.95	18.99	21.20	20.67	22.01	22.23	20.45	195.58
1959	Below Normal	17.51	16.16	13.48	18.90	18.05	25.37	18.71	18.62	9.25	24.30	22.23	18.15	220.73
1960	Dry	13.46	12.34	7.85	4.37	3.95	7.14	21.22	21.16	20.52	25.61	23.67	21.39	182.68
1961	Dry	16.65	15.32	10.41	5.52	5.25	6.96	18.15	18.07	17.32	20.61	18.90	16.41	169.57
1962	Below Normal	4.07	20.87	8.80	3.75	3.35	9.51	18.34	18.42	0.84	25.05	22.98	18.78	154.76
1963	Wet	13.98	12.87	8.27	9.33	11.79	19.15	20.87	19.40	18.79	19.97	20.18	18.66	193.26
1964	Dry	15.80	14.44	21.12	10.26	12.85	14.11	22.37	20.24	19.72	20.96	21.14	19.54	212.55
1965	Wet	16.73	15.28	12.70	18.36	20.39	19.10	20.58	18.78	18.09	19.74	19.70	17.96	217.41
1966	Below Normal	14.94	13.63	10.92	18.45	20.43	18.83	19.05	18.96	18.15	21.76	20.16	16.64	211.92
1967	Wet	12.22	11.22	7.17	3.46	12.34	19.55	22.01	20.17	19.60	20.92	21.09	19.44	189.19
1968	Below Normal	16.52	15.17	12.56	23.24	17.09	26.97	21.85	18.52	17.81	20.59	19.32	16.37	226.01
1969	Wet	12.29	11.27	7.63	11.43	20.96	26.97	15.77	18.19	17.56	18.75	18.89	17.31	197.02
1970	Wet	17.03	10.38	10.76	23.57	18.86	26.97	18.88	20.18	19.66	20.89	21.03	19.43	227.64
1971	Wet	16.59	15.17	12.59	22.12	23.40	20.41	18.34	18.65	17.84	21.47	19.69	16.08	222.35
1972	Below Normal	11.51	10.58	6.48	2.19	9.41	17.45	19.79	19.50	18.76	21.93	20.43	17.07	175.10
1973	Above Normal	12.78	11.73	7.76	4.20	14.17	25.21	18.04	20.85	20.36	21.56	21.74	20.10	198.50
1974	Wet	17.27	15.80	13.17	17.85	22.05	26.97	23.51	19.89	19.39	20.56	20.73	19.14	236.33
1975	Wet	16.23	14.89	12.31	17.08	16.89	25.09	22.77	20.71	20.23	21.43	21.61	20.01	229.25
1976	Critical	17.15	15.69	13.06	14.74	13.72	12.07	18.77	18.86	14.13	24.00	21.96	19.82	203.97
1977	Critical	15.01	13.75	8.94	4.41	4.00	5.78	8.30	2.09	0.94	1.02	0.95	0.77	65.96
1978	Above Normal	0.32	0.52	0.16	3.50	3.66	15.95	20.32	19.06	18.43	20.15	19.83	17.79	139.69
1979	Below Normal	14.55	13.27	10.36	12.22	11.19	21.94	21.79	19.79	19.26	20.41	20.58	19.02	204.38
1980	Above Normal	16.14	14.76	12.24	14.25	20.79	26.97	15.02	17.47	16.82	17.99	18.12	16.62	207.19
1981	Dry	13.61	12.54	10.17	16.81	15.80	19.27	18.85	19.23	10.33	25.02	22.91	19.59	204.13
1982	Wet	14.75	13.55	8.79	8.62	11.16	26.97	19.39	18.85	19.72	20.99	21.14	19.43	203.36
1983	Wet	16.45	20.80	26.97	14.60	24.36	26.97	13.28	13.21	17.13	15.74	10.75	13.61	213.87
1984	Wet	13.24	12.50	26.97	16.96	25.23	26.97	17.41	20.46	19.87	21.18	21.35	19.76	241.90
1985	Dry	16.88	15.47	22.09	12.36	15.87	22.74	21.04	19.43	18.93	20.07	20.21	18.68	223.77
1986	Wet	15.84	14.47	11.93	13.39	12.08	24.17	21.12	20.23	19.73	20.94	21.17	19.45	214.52
1987	Dry	16.49	15.22	12.60	16.46	15.40	10.68	11.09	10.80	10.43	12.38	9.38	6.87	147.80
1988	Critical	1.40	0.51	0.10	2.45	3.72	5.66	8.52	7.96	7.28	8.78	6.66	4.91	57.95
1989	Dry	0.34	0.26	0.10	0.79	3.47	5.73	20.54	20.91	20.12	25.47	23.35	19.93	141.01
1990	Critical	15.06	13.86	8.98	4.51	4.25	6.52	10.27	9.87	9.41	11.28	8.50	6.24	108.75
1991	Critical	1.01	0.28	0.08	2.05	3.25	5.51	8.59	8.10	7.59	10.26	7.70	5.65	60.07
1992	Critical	0.68	0.26	0.11	1.77	3.24	5.61	8.55	8.01	7.30	0.97	0.94	9.27	46.71
1993	Above Normal	4.93	0.32	5.91	3.54	9.90	17.05	20.35	19.26	18.56	22.06	21.31	18.68	161.87
1994	Critical	15.06	13.77	10.33	10.90	9.45	11.21	17.38	17.27	16.41	20.34	8.41	18.95	169.48
1995	Wet	2.55	23.16	17.90	3.71	8.29	14.36	23.27	21.19	20.68	22.00	22.24	20.51	199.86
1996	Wet	17.61	16.19	13.53	11.78	14.54	20.28	22.31	20.17	19.63	20.87	21.04	19.45	217.40
1997	Wet	16.60	15.19	12.62	21.14	17.39	26.97	19.08	18.85	18.21	19.38	19.56	18.02	223.01
1998	Wet	15.05	13.85	11.36	16.82	20.94	26.97	19.95	18.11	17.48	18.71	18.89	17.35	215.48
1999	Wet	17.14	16.02	14.40	14.81	19.71	26.97	19.43	20.20	19.63	20.96	21.17	19.56	230.00
2000	Above Normal	16.70	15.30	12.68	15.38	15.55	16.24	20.41	20.32	19.52	23.07	21.46	17.84	214.47
2001	Dry	13.41	12.34	8.17	5.79	5.22	7.07	11.50	11.33	10.99	13.26	10.00	7.30	116.38
2002	Dry	1.62	0.73	0.08	0.07	3.66	9.69	22.94	20.77	20.22	21.58	21.79	20.15	143.30
2003	Above Normal	17.33	15.84	18.53	2.31	4.86	10.02	17.44	17.37	0.73	23.56	21.63	17.66	167.28
	Average	12.70	12.01	10.09	10.37	11.99	17.11	17.83	17.62	15.81	19.49	18.28	16.31	179.61
	Wet	14.23	13.90	12.25	14.25	17.21	24.23	19.89	19.18	18.82	20.08	19.95	18.42	212.42
	Above Normal	14.55	12.82	11.68	9.71	12.01	17.44	19.08	19.27	16.01	21.75	20.97	18.29	193.57
	Below Normal	13.47	13.68	10.56	10.92	11.94	19.07	18.83	19.31	14.46	22.46	21.37	18.37	194.41
	Dry	10.95	9.96	8.50	7.70	8.57	11.59	17.84	17.90	16.78	20.38	18.81	16.13	165.12
	Critical	9.24	8.20	5.65	5.96	5.85	7.31	10.94	10.22	9.25	11.18	7.55	7.64	99.00

Difference in Energy Use (GWh) At Pumping Plant at Oso: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1923	Below Normal	0.00	0.00	0.00	(3.95)	0.00	(0.05)	0.00	0.01	0.01	0.02	0.01	0.00	(0.33)
1924	Critical	(0.01)	(0.01)	(0.02)	(0.13)	(0.09)	(0.07)	(0.13)	(0.15)	(0.16)	(0.20)	(0.14)	(0.11)	(0.10)
1925	Dry	(0.06)	0.00	0.00	(0.10)	(0.02)	(1.67)	0.05	0.06	0.06	0.07	0.07	0.05	(0.12)
1926	Dry	0.05	0.05	0.03	0.01	(0.01)	(0.03)	(0.06)	(0.05)	(0.05)	(0.06)	(0.05)	(0.04)	(0.02)
1927	Wet	(0.04)	(0.04)	(0.03)	0.03	(0.07)	0.00	0.02	0.03	0.03	0.02	0.03	0.02	0.00
1928	Above Normal	0.03	0.02	0.02	0.02	0.01	(0.01)	(0.01)	0.00	0.00	0.01	0.01	(0.01)	0.01
1929	Critical	(0.02)	(0.02)	(0.02)	(0.04)	(0.03)	(0.01)	0.00	(0.01)	(0.01)	0.00	0.00	0.00	(0.01)
1930	Dry	(0.01)	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1931	Critical	0.00	(0.01)	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
1932	Dry	(0.02)	(0.04)	0.00	(0.03)	0.00	0.02	0.04	0.04	0.04	0.05	0.07	0.07	0.02
1933	Critical	0.08	0.09	0.07	0.00	0.01	(0.04)	(0.12)	(0.13)	(0.11)	(0.13)	(0.16)	(0.16)	(0.05)
1934	Critical	(0.19)	(0.19)	0.00	(0.17)	(0.01)	0.01	0.04	0.04	0.04	0.06	0.21	0.00	(0.01)
1935	Below Normal	0.02	0.39	0.34	0.00	0.00	0.00	(0.10)	(0.11)	(0.10)	(0.08)	(0.07)	(0.06)	0.02
1936	Below Normal	(0.05)	(0.05)	(0.04)	0.03	0.03	0.00	(0.01)	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)
1937	Below Normal	(0.01)	(0.01)	0.00	0.00	(0.13)	0.00	(0.36)	(0.33)	(0.34)	(0.36)	(0.36)	(0.35)	(0.19)
1938	Wet	(0.35)	(0.33)	(0.30)	4.94	1.08	0.73	1.15	(0.22)	(0.23)	(0.24)	(0.24)	(0.23)	0.48
1939	Dry	(0.24)	(0.22)	(0.20)	(0.04)	(0.56)	0.00	(2.13)	0.48	4.98	0.04	0.12	0.19	0.20
1940	Above Normal	0.28	0.25	2.23	(0.42)	(0.36)	(0.15)	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.15
1941	Wet	(0.01)	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	(0.12)	0.00	(0.05)	(0.02)	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)
1943	Wet	(0.02)	(0.02)	(0.02)	(0.42)	(1.25)	0.00	0.60	0.05	0.05	0.06	0.06	0.05	(0.07)
1944	Dry	0.06	0.05	0.05	(0.84)	(0.76)	(0.22)	(0.08)	(0.09)	(0.08)	(0.10)	(0.13)	(0.12)	(0.19)
1945	Below Normal	(0.15)	(0.16)	(0.12)	(0.04)	(0.01)	(0.26)	0.03	0.03	0.02	0.03	0.03	0.03	(0.05)
1946	Below Normal	0.03	0.03	0.02	0.00	0.00	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.06
1947	Dry	0.09	0.08	0.08	0.10	0.00	(0.08)	(0.04)	0.00	0.00	0.06	0.01	(0.03)	0.02
1948	Below Normal	(0.08)	(0.06)	(0.11)	(0.18)	(0.16)	(0.06)	0.01	0.05	0.00	(0.01)	0.00	(0.01)	(0.05)
1949	Dry	(0.01)	(0.01)	0.00	(0.01)	0.01	(0.02)	(0.01)	0.00	0.00	0.02	0.01	(0.01)	0.00
1950	Below Normal	(0.02)	(0.02)	(0.02)	(0.11)	(0.10)	(0.03)	0.00	(0.01)	0.00	0.00	(0.01)	0.00	(0.03)
1951	Above Normal	0.00	0.00	(0.46)	0.00	(5.14)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.47)
1952	Wet	0.00	0.00	0.00	0.41	0.00	(0.01)	0.00	(0.24)	(0.26)	(0.29)	(0.29)	(0.22)	(0.08)
1953	Wet	(0.15)	(0.22)	(0.18)	(1.88)	3.51	0.00	(4.48)	(0.24)	0.00	(0.16)	(0.03)	0.12	(0.31)
1954	Above Normal	0.24	0.22	0.34	0.57	0.69	0.81	0.11	0.13	0.13	0.00	0.04	0.04	0.28
1955	Dry	0.03	0.03	0.02	0.09	0.00	(0.03)	(0.12)	(0.12)	(0.13)	(0.16)	(0.14)	(0.11)	(0.05)
1956	Wet	(0.11)	(0.10)	(0.07)	(0.16)	0.00	0.00	0.01	0.02	0.02	0.01	0.02	0.02	(0.03)
1957	Above Normal	0.02	0.01	0.01	1.07	(0.01)	(0.01)	0.01	0.01	0.00	0.00	0.00	0.00	0.09
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.07	0.08	(1.00)	(0.39)	(0.42)	(7.70)	0.23	0.20	0.16	(0.73)
1960	Dry	0.16	0.13	0.10	(0.02)	(0.02)	0.03	0.05	0.00	0.01	(0.06)	(0.01)	(0.19)	0.01
1961	Dry	(0.14)	(0.12)	(0.04)	0.19	0.17	0.06	0.04	0.04	0.04	0.05	0.04	(0.02)	0.03
1962	Below Normal	(0.48)	0.11	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	(0.01)	(0.03)	0.10	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1965	Wet	(0.01)	(0.01)	(0.01)	0.06	0.01	(0.22)	0.01	0.03	0.02	0.12	0.10	0.08	0.01
1966	Below Normal	0.06	0.06	0.03	(0.09)	(0.10)	(0.06)	0.00	0.00	0.00	0.01	0.01	0.00	(0.01)
1967	Wet	0.01	0.00	0.00	(0.04)	(0.01)	0.00	0.01	(0.01)	(0.01)	0.00	(0.01)	0.00	0.00
1968	Below Normal	(0.01)	(0.01)	(2.12)	1.88	0.04	0.00	(0.09)	0.07	0.04	0.35	0.10	(0.17)	0.01
1969	Wet	(0.40)	(0.35)	(0.56)	(7.33)	(2.66)	0.00	(0.13)	(0.12)	(0.12)	(0.12)	(0.13)	(0.12)	(1.00)
1970	Wet	(0.12)	(0.12)	(0.10)	6.66	(0.48)	0.00	(0.58)	0.03	0.04	0.04	0.04	0.03	0.45
1971	Wet	0.04	0.03	0.03	0.01	6.32	(0.08)	(0.04)	(0.04)	(0.04)	0.03	0.02	0.02	0.53
1972	Below Normal	0.02	0.01	0.01	0.04	0.04	0.01	(0.01)	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	0.00
1973	Above Normal	0.00	0.00	0.00	0.02	0.02	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.01
1974	Wet	0.00	0.01	0.00	(4.06)	(2.31)	0.00	1.22	(0.06)	(0.06)	(0.07)	(0.07)	(0.05)	(0.45)
1975	Wet	(0.04)	(0.05)	(0.04)	0.21	0.71	(0.96)	0.24	0.22	0.23	0.25	0.24	0.23	0.10
1976	Critical	0.23	0.22	0.20	0.17	0.06	(0.03)	(0.11)	(0.12)	0.00	(0.18)	(0.16)	(0.18)	0.01
1977	Critical	(0.17)	(0.16)	(0.12)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.54)	(0.14)	0.29	0.24	0.84	0.37	(0.17)	0.07
1979	Below Normal	(0.57)	(0.50)	(0.94)	(2.14)	(8.95)	(5.03)	4.49	0.24	0.24	0.25	0.26	0.25	(1.03)
1980	Above Normal	0.27	0.24	0.21	(1.40)	(2.57)	0.00	(0.50)	(0.46)	(0.48)	(0.52)	(0.53)	(0.46)	(0.52)
1981	Dry	(0.42)	(0.44)	(0.39)	(0.53)	(1.20)	1.49	0.36	0.42	7.69	(0.24)	(0.21)	0.09	0.55
1982	Wet	0.07	0.07	0.06	0.01	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02
1983	Wet	(2.80)	2.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(2.80)	2.79	0.00	0.00	0.00	0.01	0.01	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.30)	(0.34)	(0.37)	(0.45)	(0.33)	(0.24)	(0.17)
1988	Critical	(0.14)	(0.12)	0.00	(0.09)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1989	Dry	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.02)	(0.02)	(0.02)	0.00	0.00	0.22	0.01
1990	Critical	0.20	0.18	0.14	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.05
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.03	0.05	0.03	0.02	0.01
1992	Critical	0.01	0.00	0.00	0.20	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.02
1993	Above Normal	(0.01)	0.00	0.06	0.00	(0.01)	(0.07)	0.00	0.01	0.00	0.12	0.10	0.07	0.02
1994	Critical	0.06	0.06	0.03	(0.06)	(0.05)	(0.02)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1995	Wet	(3.35)	1.57	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	(0.15)
1996	Wet	0.00	0.00	0.00	(7.22)	(6.06)	(3.44)	(0.39)	(0.37)	(0.39)	(0.41)	(0.42)	(0.38)	(1.59)
1997	Wet	(0.38)	(0.36)	(0.33)	1.64	(5.42)	0.00	0.32	0.05	0.05	0.06	0.06	0.05	(0.36)
1998	Wet	0.05	0.05	0.05	0.08	(2.60)	1.34	(0.01)	(0.26)	(0.28)	(0.31)	(0.31)	(0.23)	(0.20)
1999	Wet	0.52	(0.92)	(0.20)	(1.88)	(3.81)	0.00	(2.27)	0.02	0.03	0.03	0.03	0.03	(0.70)
2000	Above Normal	0.03	0.03	0.03	0.04	0.07	(0.26)	(0.07)	0.02	0.01	0.11	0.03	(0.07)	0.00
2001	Dry	(0.14)	(0.12)	(0.19)	(0.37)	(0.33)	(0.07)	0.07	0.08	0.08	0.10	0.07	0.05	(0.06)
2002	Dry	0.03	0.03	0.00	0.00	0.04	(0.01)	(0.07)	(0.06)	(0.06)	(0.06)	(0.07)	(0.07)	(0.03)
2003	Above Normal	(0.06)	(0.06)	(0.13)	0.18	0.17	0.06	0.00	0.00	0.00	0.00	(0.01)	0.00	0.01
	Average	(0.10)	0.02	(0.03)	(0.18)	(0.39)	(0.15)	(0.01)	(0.02)	0.04	(0.01)	(0.02)	(0.02)	(0.07)
	Wet	(0.27)	0.08	(0.07)	(0.34)	(0.51)	(0.21)	(0.06)	(0.04)	(0.04)	(0.04)	(0.03)	(0.02)	(0.13)
	Above Normal	0.07	0.06	0.19	0.01	(0.59)	(0.01)	(0.05)	(0.00)	(0.01)	0.05	0.00	(0.05)	(0.03)
	Below Normal	(0.09)	(0.01)	(0.20)	(0.32)	(0.66)	(0.46)	0.26	(0.03)	(0.55)	0.04	0.02	(0.01)	(0.17)
	Dry	(0.03)	(0.03)	(0.03)	(0.09)	(0.15)	(0.02)	(0.12)	0.02	0.68	(0.04)	(0.03)	(0.01)	0.01
	Critical	0.00	0.00	0.02	(0.01)	(0.01)	(0.01)	(0.03)	(0.03)	(0.02)	(0.03)	(0.02)	(0.04)	(0.01)

Percent Difference in Energy Use (GWh) At Pumping Plant at Oso: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	-18%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	-2%	-2%	-1%	-1%	-2%	-2%	-2%	-2%	-2%
1925	Dry	-9%	0%	0%	-6%	-1%	-10%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	-1%	1%	-1%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	-2%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	-2%	-9%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	1%
1933	Critical	1%	1%	2%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-2%
1934	Critical	-7%	-10%	0%	-5%	0%	0%	0%	0%	0%	0%	22%	0%
1935	Below Normal	0%	5%	7%	0%	0%	0%	-1%	-1%	-1%	0%	0%	0%
1936	Below Normal	0%	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	-1%	0%	-2%	-2%	-2%	-2%	-2%	-2%
1938	Wet	-2%	-2%	-2%	28%	5%	3%	7%	-1%	-1%	-1%	-1%	-1%
1939	Dry	-2%	-2%	-2%	0%	-2%	0%	-9%	2%	35%	0%	1%	1%
1940	Above Normal	2%	2%	14%	-10%	-9%	-1%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-3%	-7%	0%	3%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	-6%	-6%	-2%	-1%	-1%	-1%	-1%	-1%	-1%
1945	Below Normal	-2%	-2%	-3%	-1%	0%	-1%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	1%	1%	1%	1%	0%	-1%	0%	0%	0%	0%	0%	0%
1948	Below Normal	-1%	0%	-1%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-3%	0%	-21%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	2%	0%	0%	0%	-2%	-2%	-2%	-2%	-1%
1953	Wet	-1%	-2%	-1%	-11%	23%	0%	-17%	-1%	0%	-1%	0%	1%
1954	Above Normal	2%	2%	4%	5%	6%	5%	1%	1%	1%	0%	0%	0%
1955	Dry	0%	0%	0%	2%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	7%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-4%	-2%	-2%	-45%	1%	1%	1%
1960	Dry	1%	1%	1%	0%	-1%	0%	0%	0%	0%	0%	0%	-1%
1961	Dry	-1%	-1%	0%	4%	3%	1%	0%	0%	0%	0%	0%	0%
1962	Below Normal	-11%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	1%	1%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	-14%	9%	0%	0%	0%	0%	0%	2%	1%	-1%
1969	Wet	-3%	-3%	-7%	-39%	-11%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1970	Wet	-1%	-1%	-1%	39%	-2%	0%	-3%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	37%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-19%	-9%	0%	5%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	1%	4%	-4%	1%	1%	1%	1%	1%	1%
1976	Critical	1%	1%	2%	1%	0%	0%	-1%	-1%	0%	-1%	-1%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	-3%	-1%	2%	1%	4%	2%	-1%
1979	Below Normal	-4%	-4%	-8%	-15%	-44%	-19%	26%	1%	1%	1%	1%	1%
1980	Above Normal	2%	2%	2%	-9%	-11%	0%	-3%	-3%	-3%	-3%	-3%	-3%
1981	Dry	-3%	-3%	-4%	-3%	-7%	8%	2%	2%	291%	-1%	-1%	0%
1982	Wet	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	-15%	16%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-10%	15%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-3%	-3%	-3%	-4%	-3%	-3%
1988	Critical	-9%	-19%	0%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	1%
1990	Critical	1%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	1%	0%	0%	13%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1994	Critical	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	-57%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	-38%	-29%	-15%	-2%	-2%	-2%	-2%	-2%	-2%
1997	Wet	-2%	-2%	-3%	8%	-24%	0%	2%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	-11%	5%	0%	-1%	-2%	-2%	-2%	-1%
1999	Wet	3%	-5%	-1%	-11%	-16%	0%	-10%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
2001	Dry	-1%	-1%	-2%	-6%	-6%	-1%	1%	1%	1%	1%	1%	1%
2002	Dry	2%	4%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	-1%	8%	4%	1%	0%	0%	0%	0%	0%	0%
	Average	-1%	0%	0%	-1%	-2%	-1%	0%	0%	3%	0%	0%	0%
	Wet	-3%	0%	-1%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	1%	0%	-3%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	-1%	0%	-1%	-2%	-3%	-2%	2%	0%	-3%	0%	0%	0%
	Dry	-1%	-1%	0%	-1%	-1%	0%	-1%	0%	18%	0%	0%	0%
	Critical	-1%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%

Energy Use (GWh) At Pumping Plant at Pearblossom: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	90.99	77.99	69.10	15.39	25.57	38.69	51.60	51.99	54.46	51.38	56.87	51.59	635.62
1923	Below Normal	50.11	45.48	40.86	73.02	64.11	69.94	46.53	56.74	57.25	55.19	62.90	58.98	681.11
1924	Critical	49.12	44.84	39.03	27.75	29.09	21.89	30.43	40.62	41.82	36.34	35.64	34.44	431.01
1925	Dry	21.84	17.00	14.80	9.06	12.65	23.93	47.66	62.31	62.92	60.49	67.74	64.18	464.58
1926	Dry	50.71	46.56	40.27	16.18	20.71	24.20	39.35	53.70	54.38	52.19	58.56	55.40	512.21
1927	Wet	43.77	40.04	34.68	17.14	28.60	46.52	55.35	56.70	59.38	55.86	61.11	55.50	554.65
1928	Above Normal	54.16	49.23	44.58	71.06	70.05	41.25	55.35	56.25	58.73	55.25	60.02	54.66	670.59
1929	Critical	52.78	48.12	43.72	66.46	63.77	32.34	25.06	36.91	37.89	33.11	32.49	30.04	502.69
1930	Dry	20.30	15.62	13.59	8.51	14.41	16.73	39.76	51.75	53.01	48.79	51.82	49.57	383.86
1931	Critical	35.75	31.04	27.06	12.05	16.16	15.66	35.14	47.10	48.22	41.98	41.28	39.31	390.75
1932	Dry	24.25	20.64	17.75	10.25	18.22	20.83	37.99	48.59	49.34	46.96	51.64	49.09	395.55
1933	Critical	37.56	33.91	29.51	13.18	17.45	20.30	39.64	53.43	54.87	48.70	49.36	47.63	445.54
1934	Critical	32.02	25.97	22.55	10.98	14.00	16.40	37.69	50.51	51.75	44.98	1.98	1.51	310.34
1935	Below Normal	21.58	63.37	49.96	10.03	16.82	20.26	48.85	62.55	15.25	66.43	73.56	69.93	518.59
1936	Below Normal	54.66	50.38	43.43	16.64	25.26	55.68	55.25	59.20	61.93	58.27	63.84	57.98	602.52
1937	Below Normal	56.57	51.48	46.56	75.14	74.71	69.15	54.62	56.55	59.18	56.02	61.74	55.60	717.32
1938	Wet	53.92	49.08	44.05	81.18	78.16	90.99	50.98	57.99	60.61	53.59	64.83	53.74	739.12
1939	Dry	52.00	47.12	41.45	75.02	58.73	90.99	55.94	59.65	4.18	65.38	33.89	76.53	660.88
1940	Above Normal	61.81	24.68	65.11	8.73	13.04	27.22	48.56	63.16	43.64	63.34	70.65	67.00	556.94
1941	Wet	52.86	48.50	41.88	27.10	32.87	78.43	45.86	48.62	50.81	48.54	54.80	49.04	579.31
1942	Wet	47.37	42.94	37.86	64.58	81.88	90.99	61.27	51.87	54.36	51.44	57.36	51.85	693.77
1943	Wet	50.48	45.74	40.87	70.76	79.55	62.45	58.62	58.70	61.19	58.04	64.48	58.34	709.22
1944	Dry	56.74	51.56	46.08	63.49	60.64	35.14	39.39	50.85	51.42	48.65	53.01	50.52	607.49
1945	Below Normal	38.06	33.93	29.54	15.22	19.99	90.99	55.12	56.69	59.43	55.92	61.15	55.56	571.60
1946	Below Normal	54.15	49.22	47.20	80.98	52.15	50.44	51.99	53.55	55.97	52.81	58.45	53.10	660.01
1947	Dry	51.73	46.98	42.29	71.66	73.96	41.52	53.41	61.07	62.62	59.54	65.51	61.19	691.48
1948	Below Normal	53.15	48.65	42.95	42.40	41.95	24.44	37.86	33.38	1.66	66.49	73.18	69.64	535.75
1949	Dry	54.43	50.02	43.26	16.65	21.19	22.56	53.55	60.07	61.98	58.76	64.51	60.07	567.05
1950	Below Normal	52.91	48.43	42.90	15.62	18.18	19.49	44.32	56.08	1.60	65.00	71.45	67.84	503.82
1951	Above Normal	53.01	48.72	42.24	90.68	69.27	86.37	51.24	55.35	57.95	54.52	60.33	54.86	724.54
1952	Wet	53.50	48.57	43.69	78.48	76.83	51.44	43.60	47.14	49.09	47.30	54.06	48.10	641.80
1953	Wet	46.31	41.81	59.92	80.03	81.39	90.99	64.70	52.68	53.65	51.24	57.40	53.03	733.15
1954	Above Normal	48.16	43.78	38.75	53.40	55.51	46.53	48.94	62.04	58.75	54.33	68.70	65.16	644.05
1955	Dry	51.50	47.19	40.78	19.14	25.17	25.85	40.81	51.92	52.36	50.54	56.38	53.42	515.06
1956	Wet	41.95	38.32	33.23	76.70	70.66	88.47	58.50	60.57	63.39	59.69	66.20	60.17	717.85
1957	Above Normal	58.72	53.39	47.86	86.44	82.18	48.20	40.48	25.76	1.86	62.14	67.86	64.63	639.52
1958	Wet	50.14	46.01	39.86	19.17	36.79	79.93	58.72	60.86	63.58	60.26	67.32	60.64	643.28
1959	Below Normal	59.06	53.59	47.67	75.66	74.87	77.72	46.69	58.90	4.01	64.09	71.08	67.52	700.86
1960	Dry	53.03	48.59	41.87	15.76	17.83	20.47	52.45	65.51	26.38	68.41	38.64	78.40	527.34
1961	Dry	62.31	57.17	49.26	21.41	24.32	20.40	43.99	55.60	56.45	54.18	41.86	17.79	504.74
1962	Below Normal	0.36	42.44	83.90	6.46	10.41	24.88	44.63	56.92	1.69	66.08	72.74	69.10	479.61
1963	Wet	53.99	49.61	43.01	33.79	37.83	43.77	51.17	53.10	55.47	52.36	57.93	52.68	584.71
1964	Dry	51.37	46.58	52.63	68.01	38.43	40.54	55.07	55.29	57.92	54.54	59.94	54.41	634.73
1965	Wet	53.20	48.24	43.58	62.76	65.16	49.20	50.19	51.66	50.51	51.12	56.54	51.56	633.72
1966	Below Normal	49.35	44.74	40.16	70.70	72.51	51.53	47.43	58.56	51.77	57.49	65.52	61.62	671.38
1967	Wet	50.23	45.89	39.79	24.03	41.78	46.13	55.18	56.61	59.15	56.00	62.20	56.24	593.23
1968	Below Normal	54.70	49.64	44.44	72.38	85.12	82.10	54.16	54.56	55.92	53.27	60.26	56.11	722.66
1969	Wet	48.73	44.39	38.91	49.48	82.18	90.99	51.54	53.65	56.07	53.40	60.49	54.27	684.10
1970	Wet	53.14	46.85	41.86	80.03	82.18	90.99	51.67	55.27	57.91	54.42	60.20	54.70	729.22
1971	Wet	53.40	48.43	43.58	72.75	82.18	61.26	45.41	58.20	57.57	56.57	64.50	60.86	704.71
1972	Below Normal	48.54	44.42	38.43	21.90	34.01	40.38	48.81	59.38	60.29	57.72	65.01	61.09	579.98
1973	Above Normal	50.38	46.10	40.12	29.45	47.35	50.63	54.00	57.08	59.86	56.10	61.71	56.05	608.83
1974	Wet	54.73	49.70	44.86	73.02	63.45	77.04	56.17	55.99	58.75	55.32	61.72	55.94	706.69
1975	Wet	54.47	49.33	44.05	83.37	82.18	68.44	55.22	55.66	58.39	54.75	59.87	54.50	720.23
1976	Critical	53.01	48.19	43.67	70.50	72.52	41.21	45.97	58.63	4.17	64.30	35.71	73.84	611.72
1977	Critical	57.48	52.68	45.23	15.42	17.64	15.28	6.21	1.33	1.51	2.46	2.13	1.55	218.92
1978	Above Normal	0.47	1.60	61.27	7.08	18.99	37.04	50.07	51.20	53.69	50.52	55.35	50.10	437.38
1979	Below Normal	48.83	44.18	39.96	70.44	70.99	49.83	51.85	54.09	56.76	53.38	58.71	53.21	652.23
1980	Above Normal	51.68	46.90	42.25	72.97	73.94	90.99	50.76	52.71	55.12	52.68	59.43	53.19	702.62
1981	Dry	51.46	46.58	41.03	81.39	82.18	52.44	44.73	57.91	4.17	66.65	61.83	71.85	662.22
1982	Wet	55.78	51.12	43.89	31.75	36.50	90.99	61.34	58.56	61.25	58.01	65.23	58.72	673.14
1983	Wet	57.82	52.50	84.64	85.54	72.94	90.99	42.10	44.29	48.49	52.16	49.27	45.66	726.40
1984	Wet	49.44	45.13	84.64	79.62	75.09	90.99	51.65	56.07	58.51	55.24	61.07	55.59	763.04
1985	Dry	54.13	49.22	49.69	80.39	75.60	59.40	51.28	52.75	55.46	52.06	57.11	51.81	688.90
1986	Wet	50.53	45.92	41.53	69.45	66.73	90.99	56.01	58.03	60.82	57.57	64.18	57.64	719.40
1987	Dry	56.02	50.95	45.38	83.51	82.18	44.15	39.03	52.46	53.89	46.62	46.02	44.58	644.79
1988	Critical	28.85	22.63	19.50	10.16	15.61	13.94	26.00	34.39	35.41	31.00	30.30	29.23	297.02
1989	Dry	18.46	14.16	12.41	8.45	13.00	13.67	50.96	65.55	33.83	66.95	62.98	72.90	433.32
1990	Critical	57.32	52.65	45.33	16.40	19.54	18.45	33.87	45.22	46.54	40.44	39.71	38.41	453.88
1991	Critical	24.60	19.16	16.60	9.45	12.64	13.60	26.49	32.29	10.68	36.89	35.70	34.70	272.80
1992	Critical	21.48	15.58	14.61	8.46	11.76	12.40	26.08	34.51	35.44	2.07	1.98	13.43	197.80
1993	Above Normal	43.90	1.30	59.15	8.29	28.64	37.61	50.01	55.76	20.92	58.57	65.02	60.31	489.48
1994	Critical	53.64	49.01	43.27	49.27	50.27	33.97	41.79	52.86	36.55	53.28	4.14	49.29	517.34
1995	Wet	1.42	12.48	84.64	6.39	25.44	34.30	59.11	59.59	62.31	58.96	65.25	59.00	528.89
1996	Wet	57.44	52.21	46.80	74.77	75.92	60.16	56.12	56.35	58.99	55.55	61.19	55.53	711.03
1997	Wet	54.15	49.23	44.40	80.12	68.33	90.99	51.23	53.18	55.50	52.63	58.89	53.21	711.86
1998	Wet	51.62	46.85	41.70	81.92	63.57	74.47	50.86	54.03	56.48	54.08	60.96	54.51	691.05
1999	Wet	52.61	54.16	52.71	80.78	61.07	78.01	52.02	55.38	57.83	54.77	60.60	55.03	714.97
2000	Above Normal	53.65	48.77	43.90	76.30	72.88	51.48	50.27	61.61	62.45	60.18	67.04	63.10	711.63
2001	Dry	51.70	47.42	41.30	26.78	27.59	22.07	39.44	53.33	54.66	47.65	46.99	45.47	504.40
2002	Dry	29.19	23.04	19.84	13.03	21.85	26.83	56.02	56.13	58.65	55.40	60.18	54.67	474.83
2003	Above Normal	53.20	18.66	59.54	13.54	21.13	26.00	41.68	53.00	1.34	61.74	67.60	64.23	481.66
	Average	47.19	42.61	43.12	45.90	47.78	49.71	47.45	53.12	46.59	53.26	55.45	53.58	585.76
	Wet	49.73	45.89	47.72	60.95	63.43	73.46	53.64	55.03	57.31	54.57	60.68	54.85	677.25
	Above Normal	51.68	38.43	51.16	44.44	48.21	48.50	49.41	53.83	44.06	56.73	63.38	58.74	608.57
	Below Normal	45.86	47.85	45.57	46.19	47.22	51.92	49.15	55.51	38.77	59.15	65.69	61.23	614.10
	Dry	45.07	40.36	36.32	38.26	38.26	33.43	46.71	56.36	47.42	55.76	54.37	56.21	548.52
	Critical	41.97	36.98	32.51	25.84	28.37	21.29	31.20	40.65	33.74	36.30	25.87	32.78	387.48

Energy Use (GWh) At Pumping Plant at Pearblossom: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	90.99	77.99	69.10	15.39	25.57	38.69	51.60	51.99	54.46	51.38	56.88	51.59	635.63
1923	Below Normal	50.12	45.48	40.86	82.93	64.11	69.87	46.53	56.79	57.29	55.23	62.96	59.04	691.21
1924	Critical	49.12	44.85	39.03	27.34	28.65	21.53	29.84	39.79	40.96	35.61	34.92	33.74	425.38
1925	Dry	21.39	16.64	14.49	8.97	12.48	23.76	47.82	62.52	63.13	60.69	67.97	64.39	464.25
1926	Dry	50.88	46.73	40.41	16.21	20.69	24.16	39.34	53.54	54.22	52.04	58.39	55.24	511.85
1927	Wet	43.65	39.92	34.58	17.11	28.50	46.52	55.42	56.77	59.45	55.93	61.18	55.57	554.60
1928	Above Normal	54.23	49.29	44.63	71.14	70.10	41.27	55.33	56.30	58.78	55.30	60.08	54.74	671.19
1929	Critical	52.79	48.13	43.72	66.22	63.56	32.27	25.07	36.89	37.87	33.09	32.47	30.20	502.28
1930	Dry	20.23	15.57	13.56	8.51	14.41	16.72	39.76	51.75	53.01	48.79	51.82	49.57	383.70
1931	Critical	35.75	31.04	27.06	12.05	16.19	15.69	35.20	47.19	48.31	42.05	41.35	39.90	391.78
1932	Dry	24.46	20.43	17.61	10.26	18.23	20.86	37.95	48.50	49.24	46.91	51.64	49.08	395.17
1933	Critical	37.62	34.01	29.59	13.21	17.47	20.13	39.60	53.51	54.97	48.63	49.09	47.39	445.22
1934	Critical	31.67	25.55	22.17	10.88	13.92	16.46	37.87	50.76	52.01	45.20	2.14	1.51	310.14
1935	Below Normal	15.53	66.04	51.83	10.06	16.85	20.27	48.57	62.19	12.10	66.42	73.60	69.95	513.41
1936	Below Normal	54.73	50.46	43.52	16.64	25.41	54.42	55.23	59.18	61.90	58.24	63.81	57.95	601.49
1937	Below Normal	56.54	51.46	46.54	75.14	75.05	80.43	53.81	55.73	58.33	55.26	60.96	54.86	724.11
1938	Wet	53.16	48.39	43.38	68.83	67.13	83.06	50.45	52.53	55.14	52.40	59.40	53.25	687.12
1939	Dry	51.49	46.66	41.01	75.10	60.11	87.10	50.04	60.64	5.10	65.29	31.89	76.09	650.52
1940	Above Normal	61.72	5.84	67.72	6.43	11.05	26.69	48.54	63.14	43.44	63.33	70.64	66.99	535.53
1941	Wet	52.86	48.49	41.87	27.11	32.86	73.18	45.86	48.62	50.81	48.54	54.80	49.05	574.05
1942	Wet	47.37	42.94	37.86	64.59	82.18	90.99	61.02	51.68	54.17	51.24	57.09	51.63	692.76
1943	Wet	50.28	45.55	40.73	72.19	81.45	64.55	59.81	58.64	61.13	57.97	64.29	58.20	714.79
1944	Dry	56.62	51.45	46.04	55.15	53.14	32.58	39.42	50.96	51.55	48.68	52.94	50.48	589.01
1945	Below Normal	37.89	33.71	29.35	15.17	19.97	79.02	55.19	56.76	59.51	55.99	61.22	55.63	559.41
1946	Below Normal	54.22	49.29	47.96	80.98	52.15	50.62	52.22	53.80	56.22	53.05	58.71	53.34	662.56
1947	Dry	51.96	47.20	42.48	72.14	74.06	41.58	53.34	61.28	62.79	59.74	65.76	61.47	693.80
1948	Below Normal	53.17	48.68	42.93	41.34	41.00	24.09	37.90	35.40	1.66	66.49	73.21	69.67	535.54
1949	Dry	54.46	50.05	43.29	16.65	21.19	22.53	53.54	60.13	62.03	58.82	64.59	60.15	567.43
1950	Below Normal	52.92	48.44	42.90	15.03	17.65	19.32	44.31	56.07	1.60	64.99	71.43	67.83	502.49
1951	Above Normal	53.00	48.70	42.23	90.68	82.18	86.37	51.24	55.35	57.95	54.52	60.33	54.86	737.41
1952	Wet	53.50	48.57	43.69	77.45	76.82	51.44	43.60	44.91	46.74	44.90	50.95	45.58	628.15
1953	Wet	43.97	39.67	65.31	87.39	74.98	79.72	52.84	51.58	53.25	50.77	56.68	52.22	708.38
1954	Above Normal	48.06	43.67	38.79	56.74	58.37	48.27	49.29	62.51	62.82	53.59	68.99	65.42	656.52
1955	Dry	51.75	47.44	41.00	19.24	25.19	25.78	40.48	51.49	51.94	50.14	55.93	52.99	513.37
1956	Wet	41.60	37.99	32.95	59.10	70.68	88.50	58.55	60.62	63.44	59.74	66.25	60.21	699.63
1957	Above Normal	58.76	53.42	47.90	83.76	82.18	48.17	40.50	26.09	1.86	62.14	67.86	64.64	637.28
1958	Wet	50.15	46.02	39.87	19.17	36.79	79.82	58.72	60.86	63.58	60.26	67.32	60.64	643.20
1959	Below Normal	59.06	53.59	47.67	75.51	74.68	76.89	45.52	57.42	4.16	64.38	71.06	67.62	697.56
1960	Dry	52.94	48.48	41.74	15.46	17.56	20.59	52.53	65.31	30.68	67.31	42.24	76.18	531.02
1961	Dry	61.03	56.00	48.37	22.54	25.34	20.80	44.09	55.74	56.58	54.31	43.00	17.72	505.52
1962	Below Normal	1.50	42.17	83.53	6.46	10.41	24.88	44.63	56.92	1.69	66.08	72.74	69.10	480.11
1963	Wet	53.99	49.61	43.01	33.79	37.83	43.77	51.17	53.10	55.47	52.36	57.93	52.68	584.71
1964	Dry	51.37	46.58	52.64	68.02	38.47	40.57	55.04	55.27	57.90	54.52	59.92	54.39	634.69
1965	Wet	53.17	48.22	43.57	63.00	65.33	49.01	50.20	51.79	48.70	51.39	56.84	51.87	633.09
1966	Below Normal	49.55	44.92	40.32	70.32	72.14	51.37	47.43	58.57	51.69	57.51	65.55	61.65	671.02
1967	Wet	50.24	45.90	39.80	23.98	41.74	46.13	55.20	56.54	59.08	55.93	62.10	56.16	592.80
1968	Below Normal	54.63	49.57	44.39	67.80	85.12	82.62	54.29	55.76	56.84	54.30	61.76	57.75	724.83
1969	Wet	48.93	44.64	38.95	43.89	82.18	90.99	51.25	53.36	55.76	53.13	60.21	54.01	677.30
1970	Wet	52.87	46.60	41.62	63.30	82.18	90.99	51.68	55.37	58.02	54.53	60.31	54.80	712.27
1971	Wet	53.50	48.52	43.67	72.71	66.29	61.24	45.31	58.05	55.69	56.61	64.51	60.88	686.98
1972	Below Normal	48.54	44.41	38.42	21.93	34.02	40.38	48.80	59.35	60.26	57.68	64.98	61.06	579.83
1973	Above Normal	50.37	46.09	40.11	29.53	47.41	50.89	53.76	57.10	59.88	56.11	61.72	56.06	609.03
1974	Wet	54.74	49.71	44.87	83.22	69.27	71.00	58.65	55.49	58.22	54.77	61.00	55.35	716.29
1975	Wet	53.92	48.83	43.68	81.08	79.90	65.93	55.86	56.32	59.08	55.39	60.57	55.14	715.70
1976	Critical	53.65	48.78	44.19	71.33	73.28	41.42	45.66	58.23	3.92	63.89	36.71	73.08	614.14
1977	Critical	56.86	52.10	44.71	15.35	17.58	15.26	10.10	1.33	1.60	2.46	2.05	1.55	220.95
1978	Above Normal	0.47	2.74	60.97	7.08	19.00	36.33	49.80	53.59	55.71	52.67	58.07	53.24	449.67
1979	Below Normal	49.45	44.85	40.11	58.47	59.68	55.51	53.92	54.50	57.19	53.74	59.02	53.55	639.99
1980	Above Normal	52.05	47.24	42.62	71.53	77.94	90.99	47.87	50.46	52.76	50.36	56.54	50.70	691.06
1981	Dry	49.09	44.41	39.32	82.57	82.18	60.93	45.82	59.39	4.25	66.31	57.25	72.53	664.05
1982	Wet	56.46	51.77	44.46	32.02	36.78	90.99	61.34	58.57	61.26	58.02	65.25	58.73	675.65
1983	Wet	57.12	53.21	84.64	85.54	72.94	90.99	42.10	44.29	48.49	52.16	49.27	45.66	726.41
1984	Wet	49.44	45.13	84.64	79.62	75.25	90.99	51.66	56.08	58.51	55.24	61.07	55.60	763.23
1985	Dry	54.13	49.22	49.70	80.39	75.60	59.40	51.28	52.75	55.46	52.06	57.11	51.81	688.91
1986	Wet	50.53	45.92	41.53	69.45	66.73	60.23	57.44	58.06	60.86	57.60	64.23	57.68	690.26
1987	Dry	56.05	50.98	45.40	83.51	82.18	44.17	37.66	50.54	51.92	44.95	44.34	42.95	634.65
1988	Critical	27.76	21.74	18.75	9.98	15.43	13.88	26.00	34.39	35.41	31.00	30.30	29.23	293.87
1989	Dry	18.46	14.16	12.41	8.44	12.99	13.65	50.91	65.49	33.20	66.94	59.17	73.57	429.39
1990	Critical	57.80	53.09	45.69	16.38	19.53	18.46	33.87	45.24	46.55	40.45	39.72	38.42	455.20
1991	Critical	24.61	19.17	16.60	9.45	12.64	13.60	26.48	31.08	10.61	37.09	35.86	34.87	272.06
1992	Critical	21.58	14.37	15.48	8.45	11.75	12.40	26.08	34.50	35.43	2.07	1.98	13.10	197.19
1993	Above Normal	43.60	0.77	60.16	8.29	28.61	37.52	50.00	55.85	19.59	58.68	65.14	60.48	488.69
1994	Critical	53.71	49.07	43.29	48.91	49.95	33.83	41.79	52.86	36.71	53.26	4.14	49.24	516.76
1995	Wet	9.78	8.55	84.64	6.39	25.44	34.30	59.11	59.59	62.31	58.96	65.25	59.00	533.32
1996	Wet	57.44	52.21	46.80	35.86	40.89	45.36	55.00	55.22	57.81	54.44	60.05	54.52	615.60
1997	Wet	53.17	48.32	43.56	75.46	81.45	90.99	51.35	53.29	55.62	52.73	59.01	53.31	718.26
1998	Wet	51.73	46.95	41.80	82.51	70.12	70.97	50.81	51.76	54.10	51.65	57.82	51.96	682.18
1999	Wet	55.87	51.28	55.77	88.15	72.97	70.46	51.78	55.48	57.94	54.87	60.72	55.14	730.43
2000	Above Normal	53.76	48.87	43.98	76.62	73.29	51.22	50.14	62.01	62.76	60.53	67.50	63.62	714.30
2001	Dry	51.69	47.42	41.24	24.57	25.61	21.52	39.75	53.77	55.11	48.04	47.37	45.84	501.93
2002	Dry	29.44	23.23	20.01	13.07	21.85	26.80	55.85	55.95	58.46	55.23	59.99	54.50	474.38
2003	Above Normal	53.03	21.85	56.25	14.17	21.70	26.21	41.67	52.99	1.34	61.73	67.59	64.22	482.75
	Average	47.17	42.28	43.21	44.79	47.38	48.69	47.27	52.99	46.43	53.13	55.23	53.48	582.05
	Wet	49.98	45.50	47.97	58.19	62.26	70.08	53.31	54.56	56.72	54.29	60.16	54.57	667.58
	Above Normal	51.67	37.21	51.21	44.28	49.78	48.55	49.15	53.95	44.28	56.70	63.45	58.88	609.09
	Below Normal	45.56	48.08	45.74	45.56	46.30	52.12	49.17	55.60	38.60	59.24	65.79	61.36	613.11
	Dry	44.86	40.15	36.15	37.82	37.85	33.53	46.37	56.39	47.59	55.60	53.96	56.05	546.31
	Critical	41.91	36.83	32.52	25.80	28.33	21.24	31.46	40.48	33.70	36.23	25.89	32.69	387.08

Difference in Energy Use (GWh) At Pumping Plant at Pearblossom: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1923	Below Normal	0.01	0.00	0.00	9.91	0.00	(0.07)	0.00	0.05	0.04	0.04	0.06	0.06	0.84
1924	Critical	0.00	0.01	0.00	(0.41)	(0.44)	(0.36)	(0.59)	(0.83)	(0.86)	(0.73)	(0.72)	(0.70)	(0.47)
1925	Dry	(0.45)	(0.36)	(0.31)	(0.09)	(0.17)	(0.17)	0.16	0.21	0.21	0.20	0.23	0.21	(0.03)
1926	Dry	0.17	0.17	0.14	0.03	(0.02)	(0.04)	(0.01)	(0.16)	(0.16)	(0.15)	(0.17)	(0.16)	(0.03)
1927	Wet	(0.12)	(0.12)	(0.10)	(0.03)	(0.10)	0.00	0.07	0.07	0.07	0.07	0.07	0.07	0.00
1928	Above Normal	0.07	0.06	0.05	0.08	0.05	0.02	(0.02)	0.05	0.05	0.05	0.06	0.08	0.05
1929	Critical	0.01	0.01	0.00	(0.24)	(0.21)	(0.07)	0.01	(0.02)	(0.02)	(0.02)	(0.02)	0.16	(0.03)
1930	Dry	(0.07)	(0.05)	(0.03)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1931	Critical	0.00	0.00	0.00	0.00	0.03	0.03	0.06	0.09	0.09	0.07	0.07	0.59	0.09
1932	Dry	0.21	(0.21)	(0.14)	0.01	0.01	0.03	(0.04)	(0.09)	(0.10)	(0.05)	0.00	(0.01)	(0.03)
1933	Critical	0.06	0.10	0.08	0.03	0.02	(0.17)	(0.04)	0.08	0.10	(0.07)	(0.27)	(0.24)	(0.03)
1934	Critical	(0.35)	(0.42)	(0.38)	(0.10)	(0.08)	0.06	0.18	0.25	0.26	0.22	0.16	0.00	(0.02)
1935	Below Normal	(6.05)	2.67	1.87	0.03	0.03	0.01	(0.28)	(0.36)	(3.15)	(0.01)	0.04	0.02	(0.43)
1936	Below Normal	0.07	0.08	0.09	0.00	0.15	(1.26)	(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)	(0.09)
1937	Below Normal	(0.03)	(0.02)	(0.02)	0.00	0.34	11.28	(0.81)	(0.82)	(0.85)	(0.76)	(0.78)	(0.74)	0.57
1938	Wet	(0.76)	(0.69)	(0.67)	(12.35)	(11.03)	(7.93)	(0.53)	(5.46)	(5.47)	(1.19)	(5.43)	(0.49)	(4.33)
1939	Dry	(0.51)	(0.46)	(0.44)	0.08	1.38	(3.89)	(5.90)	0.99	0.92	(0.09)	(2.00)	(0.44)	(0.86)
1940	Above Normal	(0.09)	(18.84)	2.61	(2.30)	(1.99)	(0.53)	(0.02)	(0.02)	(0.20)	(0.01)	(0.01)	(0.01)	(1.78)
1941	Wet	0.00	(0.01)	(0.01)	0.01	(0.01)	(5.25)	0.00	0.00	0.00	0.00	0.00	0.01	(0.44)
1942	Wet	0.00	0.00	0.00	0.01	0.30	0.00	(0.25)	(0.19)	(0.19)	(0.20)	(0.27)	(0.22)	(0.08)
1943	Wet	(0.20)	(0.19)	(0.14)	1.43	1.90	2.10	1.19	(0.06)	(0.06)	(0.07)	(0.19)	(0.14)	0.46
1944	Dry	(0.12)	(0.11)	(0.04)	(8.34)	(7.50)	(2.56)	0.03	0.11	0.13	0.03	(0.07)	(0.04)	(1.54)
1945	Below Normal	(0.17)	(0.22)	(0.19)	(0.05)	(0.02)	(11.97)	0.07	0.07	0.08	0.07	0.07	0.07	(1.02)
1946	Below Normal	0.07	0.07	0.76	0.00	0.00	0.18	0.23	0.25	0.25	0.24	0.26	0.24	0.21
1947	Dry	0.23	0.22	0.19	0.48	0.10	0.06	(0.07)	0.21	0.17	0.20	0.25	0.28	0.19
1948	Below Normal	0.02	0.03	(0.02)	(1.06)	(0.95)	(0.35)	0.04	2.02	0.00	0.00	0.03	0.03	(0.02)
1949	Dry	0.03	0.03	0.03	0.00	0.00	(0.03)	(0.01)	0.06	0.05	0.06	0.08	0.08	0.03
1950	Below Normal	0.01	0.01	0.00	(0.59)	(0.53)	(0.17)	(0.01)	(0.01)	0.00	(0.01)	(0.02)	(0.01)	(0.11)
1951	Above Normal	(0.01)	(0.02)	(0.01)	0.00	12.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.07
1952	Wet	0.00	0.00	0.00	(1.03)	(0.01)	0.00	0.00	(2.23)	(2.35)	(2.40)	(3.11)	(2.52)	(1.14)
1953	Wet	(2.34)	(2.14)	5.39	7.36	(6.41)	(11.27)	(11.86)	(1.10)	(0.40)	(0.47)	(0.72)	(0.81)	(2.06)
1954	Above Normal	(0.10)	(0.11)	0.04	3.34	2.86	1.74	0.35	0.47	4.07	(0.74)	0.29	0.26	1.04
1955	Dry	0.25	0.25	0.22	0.10	0.02	(0.07)	(0.33)	(0.43)	(0.42)	(0.40)	(0.45)	(0.43)	(0.14)
1956	Wet	(0.35)	(0.33)	(0.28)	(17.60)	0.02	0.03	0.05	0.05	0.05	0.05	0.05	0.04	(1.52)
1957	Above Normal	0.04	0.03	0.04	(2.68)	0.00	(0.03)	0.02	0.33	0.00	0.00	0.00	0.01	(0.19)
1958	Wet	0.01	0.01	0.01	0.00	0.00	(0.11)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1959	Below Normal	0.00	0.00	0.00	(0.15)	(0.19)	(0.83)	(1.17)	(1.48)	0.15	0.29	(0.02)	0.10	(0.27)
1960	Dry	(0.09)	(0.11)	(0.13)	(0.30)	(0.27)	0.12	0.08	(0.20)	4.30	(1.10)	3.60	(2.22)	0.31
1961	Dry	(1.28)	(1.17)	(0.89)	1.13	1.02	0.40	0.10	0.14	0.13	0.13	1.14	(0.07)	0.06
1962	Below Normal	1.14	(0.27)	(0.37)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.01	0.01	0.04	0.03	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	0.00
1965	Wet	(0.03)	(0.02)	(0.01)	0.24	0.17	(0.19)	0.01	0.13	(1.81)	0.27	0.30	0.31	(0.05)
1966	Below Normal	0.20	0.18	0.16	(0.38)	(0.37)	(0.16)	0.00	0.01	(0.08)	0.02	0.03	0.03	(0.03)
1967	Wet	0.01	0.01	0.01	(0.05)	(0.04)	0.00	0.02	(0.07)	(0.07)	(0.07)	(0.10)	(0.08)	(0.04)
1968	Below Normal	(0.07)	(0.07)	(0.05)	(4.58)	0.00	0.52	0.13	1.20	0.92	1.03	1.50	1.64	0.18
1969	Wet	0.20	0.25	0.04	(5.59)	0.00	0.00	(0.29)	(0.29)	(0.31)	(0.27)	(0.28)	(0.26)	(0.57)
1970	Wet	(0.27)	(0.25)	(0.24)	(16.73)	0.00	0.00	0.01	0.10	0.11	0.11	0.11	0.10	(1.41)
1971	Wet	0.10	0.09	0.09	(0.04)	(15.89)	(0.02)	(0.10)	(0.15)	(1.88)	0.04	0.01	0.02	(1.48)
1972	Below Normal	0.00	(0.01)	(0.01)	0.03	0.01	0.00	(0.01)	(0.03)	(0.03)	(0.04)	(0.03)	(0.03)	(0.01)
1973	Above Normal	(0.01)	(0.01)	(0.01)	0.08	0.06	0.26	(0.24)	0.02	0.02	0.01	0.01	0.01	0.02
1974	Wet	0.01	0.01	0.01	10.20	5.82	(6.04)	2.48	(0.50)	(0.53)	(0.55)	(0.72)	(0.59)	0.80
1975	Wet	(0.55)	(0.50)	(0.37)	(2.29)	(2.28)	(2.51)	0.64	0.66	0.69	0.64	0.70	0.64	(0.38)
1976	Critical	0.64	0.59	0.52	0.83	0.76	0.21	(0.31)	(0.40)	(0.25)	(0.41)	1.00	(0.76)	0.20
1977	Critical	(0.62)	(0.58)	(0.52)	(0.07)	(0.06)	(0.02)	3.89	0.00	0.09	0.00	(0.08)	0.00	0.17
1978	Above Normal	0.00	1.14	(0.30)	0.00	0.01	(0.71)	(0.27)	2.39	2.02	2.15	2.72	3.14	1.02
1979	Below Normal	0.62	0.67	0.15	(11.97)	(11.31)	5.68	2.07	0.41	0.43	0.36	0.31	0.34	(1.02)
1980	Above Normal	0.37	0.34	0.37	(1.44)	4.00	0.00	(2.89)	(2.25)	(2.36)	(2.32)	(2.89)	(2.49)	(0.96)
1981	Dry	(2.37)	(2.17)	(1.71)	1.18	0.00	8.49	1.09	1.48	0.08	(0.34)	(4.58)	0.68	0.15
1982	Wet	0.68	0.65	0.57	0.27	0.28	0.00	0.00	0.01	0.01	0.01	0.02	0.01	0.21
1983	Wet	(0.70)	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.16	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.02
1985	Dry	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(30.76)	1.43	0.03	0.04	0.03	0.05	0.04	(2.43)
1987	Dry	0.03	0.03	0.02	0.00	0.00	0.02	(1.37)	(1.92)	(1.97)	(1.67)	(1.68)	(1.63)	(0.85)
1988	Critical	(1.09)	(0.89)	(0.75)	(0.18)	(0.18)	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	(0.26)
1989	Dry	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.05)	(0.06)	(0.63)	(0.01)	(3.81)	0.67	(0.33)
1990	Critical	0.48	0.44	0.36	(0.02)	(0.01)	0.01	0.00	0.02	0.01	0.01	0.01	0.01	0.11
1991	Critical	0.01	0.01	0.00	0.00	0.00	0.00	(0.01)	(1.21)	(0.07)	0.20	0.16	0.17	(0.06)
1992	Critical	0.10	(1.21)	0.87	(0.01)	(0.01)	0.00	0.00	(0.01)	(0.01)	0.00	0.00	(0.33)	(0.05)
1993	Above Normal	(0.30)	(0.53)	1.01	0.00	(0.03)	(0.09)	(0.01)	0.09	(1.33)	0.11	0.12	0.17	(0.07)
1994	Critical	0.07	0.06	0.02	(0.36)	(0.32)	(0.14)	0.00	0.00	0.16	(0.02)	0.00	(0.05)	(0.05)
1995	Wet	8.36	(3.93)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37
1996	Wet	0.00	0.00	0.00	(38.91)	(35.03)	(14.80)	(1.12)	(1.13)	(1.18)	(1.11)	(1.14)	(1.01)	(7.95)
1997	Wet	(0.98)	(0.91)	(0.84)	(4.66)	13.12	0.00	0.12	0.11	0.12	0.10	0.12	0.10	0.53
1998	Wet	0.11	0.10	0.10	0.59	6.55	(3.50)	(0.05)	(2.27)	(2.38)	(2.43)	(3.14)	(2.55)	(0.74)
1999	Wet	3.26	(2.88)	3.06	7.37	11.90	(7.55)	(0.24)	0.10	0.11	0.10	0.12	0.11	1.29
2000	Above Normal	0.11	0.10	0.08	0.32	0.41	(0.26)	(0.13)	0.40	0.31	0.35	0.46	0.52	0.22
2001	Dry	(0.01)	0.00	(0.06)	(2.21)	(1.98)	(0.55)	0.31	0.44	0.45	0.39	0.38	0.37	(0.21)
2002	Dry	0.25	0.19	0.17	0.04	0.00	(0.03)	(0.17)	(0.18)	(0.19)	(0.17)	(0.19)	(0.17)	(0.04)
2003	Above Normal	(0.17)	3.19	(3.29)	0.63	0.57	0.21	(0.01)	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.09
	Average	(0.03)	(0.33)	0.08	(1.11)	(0.40)	(1.01)	(0.18)	(0.13)	(0.15)	(0.13)	(0.22)	(0.10)	(0.31)
	Wet	0.25	(0.39)	0.25	(2.76)	(1.18)	(3.38)	(0.32)	(0.47)	(0.59)	(0.28)	(0.52)	(0.28)	(0.81)
	Above Normal	(0.01)	(1.22)	0.05	(0.16)	1.57	0.05	(0.27)	0.12	0.22	(0.03)	0.06	0.14	0.04
	Below Normal	(0.30)	0.22	0.17	(0.63)	(0.92)	0.20	0.02	0.09	(0.16)	0.09	0.10	0.12	(0.08)
	Dry	(0.21)	(0.21)	(0.16)	(0.44)	(0.41)	0.10	(0.35)	0.03	0.16	(0.17)	(0.41)	(0.16)	(0.19)
	Critical	(0.06)	(0.16)	0.02	(0.04)	(0.04)	(0.04)	0.27	(0.17)	(0.04)	(0.06)	0.03	(0.10)	(0.03)

Percent Difference in Energy Use (GWh) At Pumping Plant at Pearblossom: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	14%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	-1%	-2%	-2%	-2%	-2%	-2%	-2%	-2%	-2%
1925	Dry	-2%	-2%	-2%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1932	Dry	1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	-1%	-1%
1934	Critical	-1%	-2%	-2%	-1%	-1%	0%	0%	0%	1%	0%	8%	0%
1935	Below Normal	-28%	4%	4%	0%	0%	0%	-1%	-1%	-21%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	1%	-2%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	16%	-1%	-1%	-1%	-1%	-1%	-1%
1938	Wet	-1%	-1%	-2%	-15%	-14%	-9%	-1%	-9%	-9%	-2%	-8%	-1%
1939	Dry	-1%	-1%	-1%	0%	2%	-4%	-11%	2%	22%	0%	-6%	-1%
1940	Above Normal	0%	-76%	4%	-26%	-15%	-2%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	2%	2%	3%	2%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	-13%	-12%	-7%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	-1%	-1%	0%	0%	-13%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-2%	-2%	-1%	0%	6%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-4%	-3%	-1%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	19%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-1%	0%	0%	0%	-5%	-5%	-5%	-6%	-5%
1953	Wet	-5%	-5%	9%	9%	-8%	-12%	-18%	-2%	-1%	-1%	-1%	-2%
1954	Above Normal	0%	0%	0%	6%	5%	4%	1%	1%	7%	-1%	0%	0%
1955	Dry	0%	1%	1%	1%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-1%	-23%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	-3%	0%	0%	0%	1%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-1%	-3%	-3%	4%	0%	0%	0%
1960	Dry	0%	0%	0%	-2%	-2%	1%	0%	0%	16%	-2%	9%	-3%
1961	Dry	-2%	-2%	-2%	5%	4%	2%	0%	0%	0%	0%	3%	0%
1962	Below Normal	317%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-4%	1%	1%	1%
1966	Below Normal	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	-6%	0%	1%	0%	2%	2%	2%	2%	3%
1969	Wet	0%	1%	0%	-11%	0%	0%	-1%	-1%	-1%	-1%	0%	0%
1970	Wet	-1%	-1%	-1%	-21%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	-19%	0%	0%	0%	-3%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	14%	9%	-8%	4%	-1%	-1%	-1%	-1%	-1%
1975	Wet	-1%	-1%	-1%	-3%	-3%	-4%	1%	1%	1%	1%	1%	1%
1976	Critical	1%	1%	1%	1%	1%	1%	-1%	-1%	-6%	-1%	3%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	63%	0%	6%	0%	-4%	0%
1978	Above Normal	0%	71%	0%	0%	0%	-2%	-1%	5%	4%	4%	5%	6%
1979	Below Normal	1%	2%	0%	-17%	-16%	11%	4%	1%	1%	1%	1%	1%
1980	Above Normal	1%	1%	1%	-2%	5%	0%	-6%	-4%	-4%	-4%	-5%	-5%
1981	Dry	-5%	-5%	-4%	1%	0%	16%	2%	3%	2%	-1%	-7%	1%
1982	Wet	1%	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-34%	3%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-4%	-4%	-4%	-4%	-4%	-4%
1988	Critical	-4%	-4%	-4%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	-6%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-4%	-1%	1%	0%	0%
1992	Critical	0%	-8%	6%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1993	Above Normal	-1%	-41%	2%	0%	0%	0%	0%	0%	-6%	0%	0%	0%
1994	Critical	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	589%	-31%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	-52%	-46%	-25%	-2%	-2%	-2%	-2%	-2%	-2%
1997	Wet	-2%	-2%	-2%	-6%	19%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	1%	10%	-5%	0%	-4%	-4%	-4%	-5%	-5%
1999	Wet	6%	-5%	6%	9%	19%	-10%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	1%	-1%	0%	1%	0%	1%	1%	1%
2001	Dry	0%	0%	0%	-8%	-7%	-2%	1%	1%	1%	1%	1%	1%
2002	Dry	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	17%	-6%	5%	3%	1%	0%	0%	0%	0%	0%	0%
	Average	11%	-1%	0%	-2%	-1%	-1%	0%	0%	0%	0%	0%	0%
	Wet	22%	-2%	0%	-4%	-1%	-4%	0%	-1%	-1%	-1%	-1%	-1%
	Above Normal	0%	-2%	0%	-2%	1%	0%	-1%	0%	0%	0%	0%	0%
	Below Normal	21%	0%	0%	-1%	-1%	1%	0%	0%	-1%	0%	0%	0%
	Dry	0%	-1%	0%	-1%	-1%	0%	-1%	0%	2%	0%	-1%	0%
	Critical	0%	-1%	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%

Energy Use (GWh) At Pumping Plant at South Bay: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	14.70	7.57	9.06	1.02	1.68	11.46	9.47	9.50	12.65	13.29	12.77	11.66	114.83
1923	Below Normal	1.49	1.30	5.61	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	13.71	137.35
1924	Critical	1.64	2.54	5.31	10.10	9.10	12.59	7.04	4.95	5.84	6.45	6.37	5.93	77.86
1925	Dry	1.00	0.74	0.37	0.93	0.52	14.70	6.27	9.31	11.59	13.35	12.79	11.50	83.07
1926	Dry	1.76	2.73	5.27	7.04	6.57	11.97	8.04	8.13	10.12	11.59	11.08	9.95	94.25
1927	Wet	1.44	0.84	4.51	6.26	6.19	12.52	9.35	9.40	12.55	13.20	12.66	11.50	100.42
1928	Above Normal	1.48	1.29	5.59	14.70	13.75	14.70	14.23	14.70	14.23	13.76	11.96	10.87	131.26
1929	Critical	1.40	0.99	4.79	14.70	13.28	14.70	14.23	7.79	5.33	5.91	5.85	5.39	94.36
1930	Dry	0.89	0.66	0.33	0.83	0.45	8.91	8.50	6.88	8.49	9.59	9.34	8.48	63.35
1931	Critical	1.32	0.80	1.35	4.55	4.11	10.58	7.53	5.70	6.63	7.45	7.29	6.72	64.03
1932	Dry	1.14	0.85	0.42	1.06	1.76	10.84	8.72	7.17	8.87	10.15	9.79	8.90	69.67
1933	Critical	1.29	0.68	2.46	5.29	4.88	11.32	7.92	6.50	7.83	8.85	8.66	7.97	73.65
1934	Critical	1.33	0.93	0.49	3.02	3.10	10.56	7.76	6.02	7.08	7.83	0.84	3.56	52.52
1935	Below Normal	1.70	3.87	5.46	3.03	2.85	10.80	10.20	9.31	11.61	13.28	12.81	11.55	96.47
1936	Below Normal	1.76	2.72	5.27	7.10	6.79	14.70	7.52	9.77	12.99	13.67	13.17	11.96	107.42
1937	Below Normal	1.52	1.80	5.81	14.70	13.28	14.70	7.18	10.96	14.23	14.70	14.70	13.78	127.36
1938	Wet	2.69	3.06	6.78	14.70	13.28	14.70	8.47	14.70	14.23	14.70	14.70	14.23	136.24
1939	Dry	7.01	5.60	9.67	14.70	13.28	14.70	14.23	14.70	12.99	14.70	14.70	14.23	150.51
1940	Above Normal	9.82	5.54	9.34	1.02	1.46	11.34	10.23	9.49	11.79	13.44	12.96	11.71	108.14
1941	Wet	1.92	2.82	5.34	7.88	7.86	14.70	9.60	11.28	14.23	14.70	14.70	14.23	119.26
1942	Wet	3.48	3.56	7.32	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	143.83
1943	Wet	8.93	9.55	5.95	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	153.90
1944	Dry	7.81	3.75	7.46	13.96	12.81	14.46	8.68	7.22	8.80	10.08	9.77	8.92	113.72
1945	Below Normal	1.31	0.73	2.28	5.26	4.91	14.70	6.91	9.36	12.59	13.20	12.67	11.56	95.48
1946	Below Normal	1.47	1.29	14.70	14.70	2.65	13.10	9.27	9.23	12.29	12.95	12.46	11.33	115.44
1947	Dry	1.47	1.06	5.38	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	11.56	134.71
1948	Below Normal	1.56	2.06	5.40	13.73	12.39	13.95	7.64	8.22	10.25	11.77	11.29	10.19	108.45
1949	Dry	1.47	1.06	4.61	6.22	5.84	11.60	9.83	9.28	12.00	13.08	12.57	11.45	99.01
1950	Below Normal	1.54	1.87	5.38	2.08	2.32	10.73	9.66	8.39	5.24	13.09	12.61	11.39	84.30
1951	Above Normal	1.60	2.63	14.70	14.70	6.75	8.39	5.40	9.60	12.76	13.36	12.89	11.75	114.53
1952	Wet	1.52	1.47	5.67	14.70	13.75	14.70	14.23	14.70	14.23	14.70	14.70	14.23	138.60
1953	Wet	6.97	5.56	14.70	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	156.70
1954	Above Normal	6.63	1.88	5.17	14.70	13.28	14.70	14.23	9.54	11.79	13.62	13.00	11.79	130.33
1955	Dry	1.99	2.87	5.36	7.49	6.95	12.16	9.20	7.93	9.79	11.26	10.86	9.82	95.68
1956	Wet	1.39	0.70	4.25	14.70	11.33	8.90	6.23	10.79	14.23	14.70	14.63	13.35	115.20
1957	Above Normal	2.26	2.83	6.50	14.70	13.28	14.70	14.23	14.70	9.80	14.70	14.70	13.57	135.97
1958	Wet	1.37	0.69	4.04	6.38	6.51	14.70	9.42	12.47	14.23	14.70	14.70	14.23	113.44
1959	Below Normal	7.55	5.87	9.99	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	152.88
1960	Dry	9.24	6.54	5.08	6.92	6.22	11.72	10.48	9.74	12.27	13.88	13.31	12.05	117.45
1961	Dry	2.13	2.96	5.54	8.54	7.81	12.06	9.59	8.25	2.85	13.56	13.12	11.76	98.17
1962	Below Normal	1.81	2.85	5.38	1.28	1.68	10.99	9.75	8.54	10.64	12.23	11.76	10.60	87.51
1963	Wet	1.51	1.66	4.82	7.59	6.89	12.54	9.12	9.16	12.23	12.81	12.38	11.26	101.97
1964	Dry	1.46	1.05	14.70	14.70	11.14	0.24	8.49	9.23	12.33	12.97	12.51	11.35	110.17
1965	Wet	1.46	1.11	5.52	14.65	13.28	14.70	9.16	8.77	11.52	12.26	11.84	10.65	114.92
1966	Below Normal	1.40	0.97	4.64	14.70	13.28	14.70	14.23	14.70	14.23	13.49	12.99	11.73	131.06
1967	Wet	1.84	2.76	5.35	8.85	8.90	13.67	9.81	10.71	14.23	14.70	14.59	13.28	118.69
1968	Below Normal	2.20	2.78	6.45	14.70	13.75	14.70	14.23	14.70	14.23	14.70	14.70	14.23	141.37
1969	Wet	2.94	2.25	5.26	14.70	13.27	4.11	7.19	12.40	14.23	14.70	14.70	14.23	119.98
1970	Wet	6.85	6.02	9.68	14.70	13.28	14.70	9.22	9.53	12.65	13.28	12.75	11.61	134.27
1971	Wet	1.50	1.33	5.62	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	13.56	137.25
1972	Below Normal	1.73	2.71	5.21	7.62	7.25	12.58	10.19	9.48	11.89	13.44	12.94	11.67	106.71
1973	Above Normal	1.73	2.66	5.37	10.16	9.89	14.70	8.73	9.67	12.86	13.42	12.92	11.74	113.85
1974	Wet	1.51	1.52	5.70	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	138.20
1975	Wet	8.98	2.77	6.45	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	147.67
1976	Critical	4.50	1.76	5.48	14.70	13.75	14.70	14.23	14.70	13.02	14.70	11.98	10.86	134.38
1977	Critical	1.55	1.96	4.92	6.66	6.00	11.56	6.55	3.95	0.82	0.89	1.61	4.31	50.78
1978	Above Normal	0.00	3.51	5.44	1.18	2.09	11.53	9.38	8.87	11.80	12.39	11.94	10.82	88.95
1979	Below Normal	1.38	1.00	4.72	14.70	13.28	14.70	6.80	9.81	13.05	13.66	13.13	12.01	118.24
1980	Above Normal	1.52	1.79	5.82	14.70	13.75	14.70	8.62	12.38	14.23	14.70	14.70	14.23	131.14
1981	Dry	7.32	5.77	9.86	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	152.42
1982	Wet	1.59	2.06	4.91	7.60	7.14	14.70	14.23	12.39	14.23	14.70	14.70	14.23	122.48
1983	Wet	14.70	10.09	9.76	14.70	13.28	11.38	7.09	12.30	14.23	14.70	14.70	14.23	151.16
1984	Wet	14.70	14.23	14.38	14.70	13.75	14.70	5.37	9.66	12.76	13.43	12.90	11.79	152.37
1985	Dry	1.52	1.40	14.70	11.00	13.28	14.70	14.23	14.70	14.23	13.88	11.97	10.86	136.47
1986	Wet	1.40	1.01	4.76	14.70	13.28	14.70	10.87	11.82	14.23	14.70	14.70	14.23	130.40
1987	Dry	5.32	4.60	8.53	14.70	13.28	14.70	14.23	14.70	14.23	13.45	7.97	7.45	133.16
1988	Critical	1.26	0.93	0.46	1.32	2.77	10.37	6.66	4.25	5.08	5.72	5.56	5.16	49.54
1989	Dry	0.85	0.63	0.31	0.80	0.42	8.05	10.49	9.64	12.05	13.84	13.29	12.00	82.37
1990	Critical	2.17	3.02	5.50	7.23	6.61	12.17	7.43	5.42	6.43	7.16	7.06	6.58	76.78
1991	Critical	1.11	0.82	0.41	1.02	0.94	10.21	6.67	4.33	5.15	5.79	5.64	5.30	47.39
1992	Critical	0.87	0.64	0.32	0.81	0.43	7.86	6.69	4.37	5.06	3.31	0.87	7.88	39.11
1993	Above Normal	1.02	0.76	0.38	0.98	2.64	11.32	9.70	9.19	11.88	12.94	12.47	11.31	84.59
1994	Critical	1.51	1.67	5.31	14.70	13.28	14.70	9.56	8.06	9.99	11.47	11.03	9.97	111.25
1995	Wet	1.41	0.73	4.49	1.29	2.45	11.63	10.49	11.15	14.23	14.70	14.70	14.23	101.50
1996	Wet	3.25	3.41	7.15	14.70	13.75	14.70	14.23	14.70	14.23	13.54	13.04	11.81	138.51
1997	Wet	1.52	1.60	5.73	14.70	13.28	14.70	10.30	10.84	14.23	14.70	14.55	13.30	129.45
1998	Wet	2.18	2.79	6.45	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	140.89
1999	Wet	14.70	14.23	14.70	12.49	13.28	14.70	9.39	9.55	12.67	13.22	12.81	11.68	153.42
2000	Above Normal	1.50	1.43	5.64	14.70	13.75	14.70	14.23	14.70	14.23	14.70	14.70	13.73	138.01
2001	Dry	1.77	2.67	5.40	9.91	8.86	12.63	7.87	6.46	7.53	8.24	8.17	7.64	87.15
2002	Dry	1.30	0.96	0.48	1.87	3.16	11.69	9.25	8.98	12.03	12.60	12.10	11.03	85.45
2003	Above Normal	1.41	1.01	4.97	1.49	2.03	11.21	9.31	8.08	10.04	11.59	11.08	10.04	82.26
	Average	3.16	2.75	5.90	9.81	8.90	12.84	10.27	10.48	11.65	12.61	12.12	11.38	111.87
	Wet	4.30	3.76	6.90	12.42	11.45	13.62	10.90	12.28	13.81	14.27	14.13	13.36	131.18
	Above Normal	3.64	2.74	6.50	8.67	7.86	12.79	10.65	10.87	12.34	13.49	13.01	11.94	114.49
	Below Normal	2.03	2.27	6.16	10.21	8.64	13.55	10.15	10.85	12.26	13.54	13.19	12.14	115.00
	Dry	3.08	2.55	5.75	8.34	7.72	11.92	10.36	10.10	11.04	12.53	11.82	10.73	105.93
	Critical	1.66	1.40	3.07	7.01	6.52	11.78	8.52	6.34	6.52	7.13	6.06	6.64	72.64

Energy Use (GWh) At Pumping Plant at South Bay: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	14.70	7.57	9.06	1.02	1.68	11.46	9.47	9.50	12.65	13.29	12.77	11.66	114.83
1923	Below Normal	1.49	1.30	5.62	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	13.75	137.40
1924	Critical	1.64	2.56	5.31	10.02	9.02	12.53	6.98	4.86	5.73	6.33	6.25	5.82	77.05
1925	Dry	0.98	0.72	0.36	0.91	0.50	14.70	6.29	9.34	11.63	13.39	12.83	11.53	83.18
1926	Dry	1.79	2.75	5.28	7.06	6.59	11.98	8.02	8.11	10.09	11.55	11.05	9.92	94.19
1927	Wet	1.44	0.80	4.50	6.24	6.17	12.52	9.36	9.41	12.56	13.21	12.67	11.51	100.39
1928	Above Normal	1.48	1.31	5.60	14.70	13.75	14.70	14.23	14.70	14.23	13.87	11.97	10.88	131.42
1929	Critical	1.40	0.99	4.81	14.70	13.28	14.70	14.23	7.66	5.32	5.91	5.84	5.39	94.23
1930	Dry	0.89	0.66	0.33	0.83	0.45	8.90	8.50	6.88	8.49	9.59	9.34	8.48	63.34
1931	Critical	1.32	0.81	1.34	4.54	4.11	10.59	7.54	5.71	6.64	7.46	7.30	6.73	64.09
1932	Dry	1.15	0.85	0.42	1.06	1.78	10.84	8.73	7.18	8.89	10.17	9.80	8.91	69.78
1933	Critical	1.29	0.68	2.49	5.31	4.90	11.30	7.89	6.46	7.78	8.79	8.60	7.92	73.41
1934	Critical	1.33	0.93	0.49	2.83	3.03	10.55	7.78	6.05	7.11	7.87	1.25	3.81	53.03
1935	Below Normal	1.43	3.70	5.37	3.05	2.86	10.81	10.16	9.26	11.55	13.21	12.74	11.49	95.63
1936	Below Normal	1.71	2.69	5.24	7.07	6.77	14.70	7.51	9.76	12.99	13.67	13.16	11.96	107.23
1937	Below Normal	1.52	1.80	5.81	14.70	13.28	14.70	10.35	10.97	14.23	14.70	14.70	13.79	130.55
1938	Wet	2.69	3.08	6.79	14.70	13.28	14.70	4.55	12.34	14.23	14.70	14.70	14.23	129.99
1939	Dry	7.03	5.61	9.69	14.70	13.28	14.70	14.23	14.70	12.99	14.70	14.70	14.23	150.56
1940	Above Normal	9.10	4.89	10.20	0.65	1.15	11.24	10.23	9.48	11.78	13.44	12.95	11.70	106.81
1941	Wet	1.92	2.82	5.34	7.87	7.85	14.70	9.59	11.28	14.23	14.70	14.70	14.23	119.23
1942	Wet	3.48	3.56	7.33	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	143.84
1943	Wet	9.03	8.39	5.86	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	152.75
1944	Dry	9.81	3.41	7.13	9.47	8.77	12.97	8.66	7.20	8.77	10.04	9.73	8.89	104.85
1945	Below Normal	1.31	0.74	2.21	5.21	4.86	14.70	6.85	9.37	12.60	13.21	12.68	11.57	95.31
1946	Below Normal	1.47	1.30	14.70	14.70	2.65	13.11	9.29	9.27	12.34	13.01	12.51	11.38	115.73
1947	Dry	1.47	1.06	5.46	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	11.59	134.82
1948	Below Normal	1.57	2.12	5.40	13.47	12.15	13.86	7.64	8.24	10.28	11.81	11.32	10.22	108.08
1949	Dry	1.47	1.10	4.63	6.24	5.86	11.60	9.84	9.29	12.00	13.09	12.58	11.46	99.16
1950	Below Normal	1.54	1.89	5.38	1.98	2.24	10.70	9.66	8.39	5.24	13.09	12.60	11.39	84.10
1951	Above Normal	1.60	2.63	14.70	14.70	6.75	8.39	5.40	9.60	12.76	13.36	12.89	11.75	114.53
1952	Wet	1.52	1.47	5.67	14.70	13.75	14.70	14.23	14.70	14.23	14.70	14.70	14.23	138.60
1953	Wet	2.38	2.88	14.70	12.59	13.28	14.70	14.23	14.70	14.23	14.70	14.70	12.31	145.40
1954	Above Normal	1.46	0.95	5.09	14.70	13.28	14.70	14.23	11.35	11.90	13.74	13.13	11.90	126.43
1955	Dry	2.08	2.94	5.42	7.55	7.01	12.17	9.16	7.87	9.72	11.17	10.78	9.74	95.61
1956	Wet	1.38	0.69	4.12	14.70	11.26	8.90	6.23	10.79	14.23	14.70	14.63	13.35	114.98
1957	Above Normal	2.26	2.83	6.51	14.70	13.28	14.70	14.23	14.70	9.80	14.70	14.70	13.45	135.86
1958	Wet	1.38	0.69	4.05	6.38	6.52	14.70	9.42	12.47	14.23	14.70	14.70	14.23	113.47
1959	Below Normal	7.55	5.88	9.99	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	152.89
1960	Dry	9.18	4.44	4.93	6.74	6.05	11.69	10.45	9.72	12.27	13.85	13.28	12.02	114.62
1961	Dry	2.09	2.93	5.54	8.82	8.05	12.18	9.60	8.27	2.86	13.59	13.16	11.81	98.90
1962	Below Normal	1.85	2.86	5.33	1.28	1.68	10.99	9.75	8.54	10.64	12.23	11.76	10.60	87.51
1963	Wet	1.51	1.66	4.82	7.59	6.89	12.54	9.12	9.16	12.23	12.81	12.38	11.26	101.97
1964	Dry	1.46	1.05	14.70	14.70	11.14	0.24	8.49	9.23	12.33	12.97	12.51	11.35	110.17
1965	Wet	1.46	1.10	5.52	14.70	13.28	14.70	9.17	8.78	11.52	12.27	11.85	10.66	115.01
1966	Below Normal	1.40	0.97	4.67	14.70	13.28	14.70	14.23	14.70	14.04	13.42	13.00	11.73	130.84
1967	Wet	1.84	2.76	5.35	8.83	8.89	13.66	9.81	10.66	14.18	14.70	14.50	13.20	118.38
1968	Below Normal	2.14	2.74	6.41	14.70	13.75	14.70	14.23	14.70	14.23	14.70	14.70	14.23	141.23
1969	Wet	4.00	2.46	5.30	12.09	13.28	14.65	7.19	12.40	14.23	14.70	14.70	14.23	129.23
1970	Wet	7.19	6.05	9.32	14.70	13.28	14.70	8.88	9.55	12.67	13.30	12.77	11.62	134.03
1971	Wet	1.50	1.35	5.63	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	13.39	137.11
1972	Below Normal	1.70	2.69	5.19	7.61	7.24	12.57	10.19	9.48	11.89	13.44	12.94	11.66	106.60
1973	Above Normal	1.72	2.65	5.37	10.18	9.91	14.70	8.74	9.67	12.86	13.42	12.92	11.74	113.88
1974	Wet	1.51	1.52	5.71	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	138.21
1975	Wet	6.40	2.50	6.17	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	144.54
1976	Critical	2.92	1.82	5.54	14.70	13.75	14.70	14.23	14.70	13.02	14.70	11.90	10.79	132.77
1977	Critical	1.54	1.87	4.89	6.61	5.96	11.55	6.55	3.95	0.82	0.89	1.71	4.36	50.70
1978	Above Normal	0.00	3.46	5.34	1.18	2.09	11.56	9.64	9.00	11.77	12.62	12.17	11.01	89.84
1979	Below Normal	1.45	1.05	5.25	14.70	13.28	14.70	14.23	11.51	12.83	13.43	12.90	11.80	127.13
1980	Above Normal	1.50	1.55	5.71	14.70	13.75	14.70	10.26	11.28	14.23	14.70	14.70	14.23	131.31
1981	Dry	3.60	3.61	7.39	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	144.07
1982	Wet	6.91	2.50	5.05	7.79	7.31	14.70	14.23	12.39	14.23	14.70	14.70	14.23	128.74
1983	Wet	7.55	14.23	12.77	14.70	13.28	11.38	7.09	12.30	14.23	14.70	14.70	14.23	151.16
1984	Wet	14.70	14.23	14.13	14.70	13.75	14.70	5.37	9.66	12.76	13.43	12.90	11.79	152.12
1985	Dry	1.52	1.40	14.70	11.00	13.28	14.70	14.23	14.70	14.23	13.88	11.97	10.86	136.47
1986	Wet	1.40	1.01	4.76	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	136.64
1987	Dry	10.26	8.98	8.34	14.70	13.28	14.70	14.23	14.70	14.23	12.61	7.71	7.20	140.94
1988	Critical	1.21	0.90	0.45	1.11	2.44	10.34	6.66	4.25	5.08	5.72	5.56	5.16	48.88
1989	Dry	0.85	0.63	0.31	0.80	0.42	8.04	10.48	9.63	12.04	13.82	13.27	11.99	82.28
1990	Critical	2.16	3.01	5.49	7.22	6.60	12.17	7.43	5.42	6.43	7.16	7.06	6.58	76.73
1991	Critical	1.11	0.82	0.41	1.02	0.94	10.21	6.67	4.33	5.15	5.79	5.64	5.30	47.39
1992	Critical	0.87	0.64	0.32	0.81	0.43	7.85	6.69	4.37	5.06	3.31	2.06	7.48	39.89
1993	Above Normal	0.84	0.62	0.31	0.79	2.41	11.33	9.71	9.19	11.88	12.95	12.48	11.32	83.83
1994	Critical	1.52	1.69	5.31	14.70	13.28	14.70	9.41	8.06	9.99	11.47	11.03	9.97	111.13
1995	Wet	1.41	0.73	4.49	1.29	2.45	11.63	10.49	11.15	14.23	14.70	14.70	14.23	101.50
1996	Wet	3.25	3.41	7.15	4.77	4.84	12.39	9.51	9.42	12.55	13.19	12.70	11.49	104.67
1997	Wet	1.48	1.23	5.57	14.70	13.28	14.70	10.30	10.83	14.23	14.70	14.54	13.29	128.85
1998	Wet	2.18	2.78	6.45	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	140.88
1999	Wet	14.70	14.23	11.62	8.83	13.28	14.70	9.38	9.59	12.72	13.28	12.86	11.73	146.92
2000	Above Normal	1.51	1.48	5.66	14.70	13.75	14.70	14.23	14.70	14.23	14.70	14.70	14.11	138.47
2001	Dry	1.84	2.72	5.41	9.36	8.38	12.43	7.90	6.51	7.59	8.31	8.23	7.70	86.38
2002	Dry	1.31	0.96	0.48	1.97	3.18	11.69	9.24	8.96	11.99	12.56	12.07	11.00	85.41
2003	Above Normal	1.40	1.01	4.91	1.61	2.13	11.24	9.31	8.08	10.04	11.59	11.08	10.04	82.44
	Average	3.01	2.72	5.86	9.51	8.73	12.92	10.35	10.45	11.63	12.59	12.13	11.35	111.25
	Wet	4.01	3.77	6.85	11.72	11.11	13.93	10.68	12.10	13.74	14.26	14.12	13.26	129.56
	Above Normal	3.13	2.58	6.54	8.64	7.83	12.79	10.81	10.94	12.34	13.53	13.04	11.98	114.14
	Below Normal	2.01	2.27	6.18	10.18	8.61	13.55	10.90	10.97	12.24	13.52	13.17	12.13	115.73
	Dry	3.27	2.55	5.58	8.07	7.48	11.83	10.36	10.09	11.03	12.48	11.80	10.72	105.26
	Critical	1.53	1.39	3.07	6.96	6.48	11.77	8.51	6.32	6.51	7.12	6.18	6.61	72.44

Difference in Energy Use (GWh) At Pumping Plant at South Bay: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
1924	Critical	0.00	0.02	0.00	(0.08)	(0.08)	(0.06)	(0.06)	(0.09)	(0.11)	(0.12)	(0.12)	(0.11)	(0.07)
1925	Dry	(0.02)	(0.02)	(0.01)	(0.02)	(0.02)	0.00	0.02	0.03	0.04	0.04	0.04	0.03	0.01
1926	Dry	0.03	0.02	0.01	0.02	0.02	0.01	(0.02)	(0.02)	(0.03)	(0.04)	(0.03)	(0.03)	0.00
1927	Wet	0.00	(0.04)	(0.01)	(0.02)	(0.02)	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00
1928	Above Normal	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.01	0.01	0.01
1929	Critical	0.00	0.00	0.02	0.00	0.00	0.00	0.00	(0.13)	(0.01)	0.00	(0.01)	0.00	(0.01)
1930	Dry	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.01	(0.01)	(0.01)	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
1932	Dry	0.01	0.00	0.00	0.00	0.02	0.00	0.01	0.01	0.02	0.02	0.01	0.01	0.01
1933	Critical	0.00	0.00	0.03	0.02	0.02	(0.02)	(0.03)	(0.04)	(0.05)	(0.06)	(0.06)	(0.05)	(0.02)
1934	Critical	0.00	0.00	0.00	(0.19)	(0.07)	(0.01)	0.02	0.03	0.03	0.04	0.41	0.25	0.04
1935	Below Normal	(0.27)	(0.17)	(0.09)	0.02	0.01	0.01	(0.04)	(0.05)	(0.06)	(0.07)	(0.07)	(0.06)	(0.07)
1936	Below Normal	(0.05)	(0.03)	(0.03)	(0.03)	(0.02)	0.00	(0.01)	(0.01)	0.00	0.00	(0.01)	0.00	(0.02)
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	3.17	0.01	0.00	0.00	0.00	0.01	0.27
1938	Wet	0.00	0.02	0.01	0.00	0.00	0.00	(3.92)	(2.36)	0.00	0.00	0.00	0.00	(0.52)
1939	Dry	0.02	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1940	Above Normal	(0.72)	(0.65)	0.86	(0.37)	(0.31)	(0.10)	0.00	(0.01)	(0.01)	0.00	(0.01)	(0.01)	(0.11)
1941	Wet	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.10	(1.16)	(0.09)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)
1944	Dry	2.00	(0.34)	(0.33)	(4.49)	(4.04)	(1.49)	(0.02)	(0.02)	(0.03)	(0.04)	(0.04)	(0.03)	(0.74)
1945	Below Normal	0.00	0.01	(0.07)	(0.05)	(0.05)	0.00	(0.06)	0.01	0.01	0.01	0.01	0.01	(0.01)
1946	Below Normal	0.00	0.01	0.00	0.00	0.00	0.01	0.02	0.04	0.05	0.06	0.05	0.05	0.02
1947	Dry	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01
1948	Below Normal	0.01	0.06	0.00	(0.26)	(0.24)	(0.09)	0.00	0.02	0.03	0.04	0.03	0.03	(0.03)
1949	Dry	0.00	0.04	0.02	0.02	0.02	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.01
1950	Below Normal	0.00	0.02	0.00	(0.10)	(0.08)	(0.03)	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.02)
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	(4.59)	(2.68)	0.00	(2.11)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.92)	(0.94)
1954	Above Normal	(5.17)	(0.93)	(0.08)	0.00	0.00	0.00	0.00	1.81	0.11	0.12	0.13	0.11	(0.33)
1955	Dry	0.09	0.07	0.06	0.06	0.06	0.01	(0.04)	(0.06)	(0.07)	(0.09)	(0.08)	(0.08)	(0.01)
1956	Wet	(0.01)	(0.01)	(0.13)	0.00	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1957	Above Normal	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.12)	(0.01)
1958	Wet	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	(0.06)	(2.10)	(0.15)	(0.18)	(0.17)	(0.03)	(0.03)	(0.02)	0.00	(0.03)	(0.03)	(0.03)	(0.24)
1961	Dry	(0.04)	(0.03)	0.00	0.28	0.24	0.12	0.01	0.02	0.01	0.03	0.04	0.05	0.06
1962	Below Normal	0.04	0.01	(0.05)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	(0.01)	0.00	0.05	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.01
1966	Below Normal	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	(0.19)	(0.07)	0.01	0.00	(0.02)
1967	Wet	0.00	0.00	0.00	(0.02)	(0.01)	(0.01)	0.00	(0.05)	(0.05)	0.00	(0.09)	(0.08)	(0.03)
1968	Below Normal	(0.06)	(0.04)	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1969	Wet	1.06	0.21	0.04	(2.61)	0.01	10.54	0.00	0.00	0.00	0.00	0.00	0.00	0.77
1970	Wet	0.34	0.03	(0.36)	0.00	0.00	0.00	(0.34)	0.02	0.02	0.02	0.02	0.01	(0.02)
1971	Wet	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.17)	(0.01)
1972	Below Normal	(0.03)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)
1973	Above Normal	(0.01)	(0.01)	0.00	0.02	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	(2.58)	(0.27)	(0.28)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.26)
1976	Critical	(1.58)	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)	(0.07)	(0.13)
1977	Critical	(0.01)	(0.09)	(0.03)	(0.05)	(0.04)	(0.01)	0.00	0.00	0.00	0.00	0.10	0.05	(0.01)
1978	Above Normal	0.00	(0.05)	(0.10)	0.00	0.00	0.03	0.26	0.13	(0.03)	0.23	0.23	0.19	0.07
1979	Below Normal	0.07	0.05	0.53	0.00	0.00	0.00	7.43	1.70	(0.22)	(0.23)	(0.23)	(0.21)	0.74
1980	Above Normal	(0.02)	(0.24)	(0.11)	0.00	0.00	0.00	1.64	(1.10)	0.00	0.00	0.00	0.00	0.01
1981	Dry	(3.72)	(2.16)	(2.47)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.70)
1982	Wet	5.32	0.44	0.14	0.19	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52
1983	Wet	(7.15)	4.14	3.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	(0.25)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	3.36	2.88	0.00	0.00	0.00	0.00	0.52
1987	Dry	4.94	4.38	(0.19)	0.00	0.00	0.00	0.00	0.00	0.00	(0.84)	(0.26)	(0.25)	0.65
1988	Critical	(0.05)	(0.03)	(0.01)	(0.21)	(0.33)	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)
1989	Dry	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.01)	(0.01)
1990	Critical	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	1.19	(0.40)	0.07
1993	Above Normal	(0.18)	(0.14)	(0.07)	(0.19)	(0.23)	0.01	0.01	0.00	0.00	0.01	0.01	0.01	(0.06)
1994	Critical	0.01	0.02	0.00	0.00	0.00	0.00	(0.15)	0.00	0.00	0.00	0.00	0.00	(0.01)
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	(9.93)	(8.91)	(2.31)	(4.72)	(5.28)	(1.68)	(0.35)	(0.34)	(0.32)	(2.82)
1997	Wet	(0.04)	(0.37)	(0.16)	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	(0.01)	(0.05)
1998	Wet	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	(3.08)	(3.66)	0.00	0.00	(0.01)	0.04	0.05	0.06	0.05	0.05	(0.54)
2000	Above Normal	0.01	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.04
2001	Dry	0.07	0.05	0.01	(0.55)	(0.48)	(0.20)	0.03	0.05	0.06	0.07	0.06	0.06	(0.06)
2002	Dry	0.01	0.00	0.00	0.10	0.02	0.00	(0.01)	(0.02)	(0.04)	(0.04)	(0.03)	(0.03)	0.00
2003	Above Normal	(0.01)	0.00	(0.06)	0.12	0.10	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.02
	Average	(0.15)	(0.02)	(0.04)	(0.30)	(0.18)	0.08	0.08	(0.03)	(0.03)	(0.01)	0.01	(0.03)	(0.05)
	Wet	(0.29)	0.01	(0.04)	(0.70)	(0.34)	0.32	(0.22)	(0.18)	(0.06)	(0.01)	(0.01)	(0.09)	(0.14)
	Above Normal	(0.51)	(0.16)	0.04	(0.04)	(0.04)	(0.00)	0.16	0.07	0.01	0.04	0.03	0.05	(0.03)
	Below Normal	(0.02)	(0.01)	0.02	(0.03)	(0.03)	(0.01)	0.75	0.12	(0.03)	(0.02)	(0.02)	(0.01)	0.06
	Dry	0.19	(0.00)	(0.16)	(0.26)	(0.24)	(0.09)	(0.00)	(0.00)	(0.00)	(0.05)	(0.02)	(0.01)	(0.06)
	Critical	(0.14)	(0.00)	0.00	(0.04)	(0.04)	(0.01)	(0.02)	(0.02)	(0.01)	(0.01)	0.12	(0.03)	(0.02)

Percent Difference in Energy Use (GWh) At Pumping Plant at South Bay: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	1%	0%	-1%	-1%	0%	-1%	-2%	-2%	-2%	-2%	-2%
1925	Dry	-2%	-3%	-3%	-2%	-4%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	2%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	1%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%
1934	Critical	0%	0%	0%	-6%	-2%	0%	0%	0%	0%	1%	49%	7%
1935	Below Normal	-16%	-4%	-2%	1%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%
1936	Below Normal	-3%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	44%	0%	0%	0%	0%	0%
1938	Wet	0%	1%	0%	0%	0%	0%	-46%	-16%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	-7%	-12%	9%	-36%	-21%	-1%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	1%	-12%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	26%	-9%	-4%	-32%	-32%	-10%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	1%	-3%	-1%	-1%	0%	-1%	0%	0%	0%	0%	0%
1946	Below Normal	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	1%	3%	0%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	1%	0%	-5%	-3%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	-66%	-48%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	-13%
1954	Above Normal	-78%	-49%	-2%	0%	0%	0%	0%	19%	1%	1%	1%	1%
1955	Dry	5%	2%	1%	1%	1%	0%	0%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-3%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1958	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	-1%	-32%	-3%	-3%	-3%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	-2%	-1%	0%	3%	3%	1%	0%	0%	0%	0%	0%	0%
1962	Below Normal	2%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1968	Below Normal	-3%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	36%	9%	1%	-18%	0%	256%	0%	0%	0%	0%	0%	0%
1970	Wet	5%	0%	-4%	0%	0%	0%	-4%	0%	0%	0%	0%	0%
1971	Wet	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1972	Below Normal	-2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	-29%	-10%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	-35%	3%	1%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1977	Critical	-1%	-5%	-1%	-1%	-1%	0%	0%	0%	0%	0%	6%	1%
1978	Above Normal	0%	-1%	-2%	0%	0%	0%	3%	1%	0%	2%	2%	2%
1979	Below Normal	5%	5%	11%	0%	0%	0%	109%	17%	-2%	-2%	-2%	-2%
1980	Above Normal	-1%	-13%	-2%	0%	0%	0%	19%	-9%	0%	0%	0%	0%
1981	Dry	-51%	-37%	-25%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	335%	21%	3%	3%	2%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	-49%	41%	31%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	31%	24%	0%	0%	0%	0%
1987	Dry	93%	95%	-2%	0%	0%	0%	0%	0%	0%	-6%	-3%	-3%
1988	Critical	-4%	-3%	-2%	-16%	-12%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	137%	-5%
1993	Above Normal	-18%	-18%	-18%	-19%	-9%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	1%	1%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	-68%	-65%	-16%	-33%	-36%	-12%	-3%	-3%	-3%
1997	Wet	-3%	-23%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	-21%	-29%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	1%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%
2001	Dry	4%	2%	0%	-6%	-5%	-2%	0%	1%	1%	1%	1%	1%
2002	Dry	1%	0%	0%	5%	1%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	-1%	0%	-1%	8%	5%	0%	0%	0%	0%	0%	0%	0%
	Average	2%	-1%	-1%	-3%	-2%	3%	1%	0%	0%	0%	2%	0%
	Wet	9%	-1%	0%	-5%	-2%	9%	-2%	-1%	0%	0%	0%	-1%
	Above Normal	-9%	-7%	-1%	-4%	-2%	0%	2%	1%	0%	0%	0%	0%
	Below Normal	-1%	0%	0%	-1%	0%	0%	11%	1%	0%	0%	0%	0%
	Dry	4%	1%	-2%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%
	Critical	-3%	0%	0%	-2%	-1%	0%	0%	0%	0%	0%	16%	0%

Energy Use (GWh) At Pumping Plant at SWP Banks: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	90.57	60.97	131.24	65.00	53.04	82.37	18.03	17.24	109.40	121.99	121.99	118.05	989.89
1923	Below Normal	67.79	42.23	77.98	65.23	67.96	51.10	17.96	12.78	46.44	121.99	121.99	118.05	811.50
1924	Critical	63.18	55.29	51.48	55.50	37.15	5.48	5.30	11.98	5.30	108.32	5.48	10.15	414.61
1925	Dry	41.41	51.04	72.97	58.37	39.28	78.33	19.09	17.51	35.44	121.99	63.19	118.05	716.67
1926	Dry	54.72	47.93	50.32	58.68	29.28	5.48	20.05	15.81	42.24	121.99	61.50	62.26	570.26
1927	Wet	27.25	118.05	67.89	42.81	65.34	67.69	14.27	12.78	50.72	121.99	121.99	118.05	828.83
1928	Above Normal	59.07	38.49	129.71	62.82	37.28	78.31	15.25	12.78	45.21	111.99	121.99	118.05	830.95
1929	Critical	65.48	24.98	85.50	60.23	54.71	49.90	28.37	20.75	5.30	5.48	5.48	11.95	418.13
1930	Dry	20.61	16.97	60.61	43.46	41.21	46.14	24.64	22.21	28.52	121.99	49.78	118.05	594.19
1931	Critical	34.94	28.67	24.65	58.15	33.49	15.68	5.30	5.48	5.30	66.54	5.48	7.95	291.63
1932	Dry	18.13	26.96	131.02	62.50	69.87	74.11	5.30	12.78	5.30	121.99	78.02	42.13	648.11
1933	Critical	39.75	33.69	39.70	48.79	80.20	29.84	13.30	12.78	5.30	28.48	5.48	11.17	348.48
1934	Critical	19.08	20.63	73.80	109.04	69.89	25.44	5.30	14.12	5.30	5.48	5.48	9.08	362.64
1935	Below Normal	26.48	56.99	68.95	64.12	46.82	45.65	15.01	12.78	40.84	121.99	121.99	118.05	739.67
1936	Below Normal	57.68	49.54	56.06	40.46	144.14	131.51	18.13	12.78	48.80	121.99	121.99	95.97	899.05
1937	Below Normal	84.01	48.46	118.48	91.46	140.20	114.03	19.95	22.24	77.16	121.99	86.14	55.35	979.47
1938	Wet	90.73	118.05	111.21	139.11	113.11	120.18	42.07	112.80	118.05	117.76	118.74	81.63	1,283.44
1939	Dry	58.61	5.30	108.67	62.05	45.06	32.39	9.04	16.83	5.30	121.99	84.58	118.05	667.87
1940	Above Normal	36.85	18.36	61.90	47.29	56.83	103.88	20.21	12.78	48.47	115.60	121.99	118.05	762.21
1941	Wet	56.68	24.14	77.58	72.93	140.20	138.07	24.83	25.74	69.81	121.99	121.99	109.59	983.55
1942	Wet	42.43	5.30	76.87	90.91	85.25	90.18	21.00	21.13	68.30	121.99	121.99	100.95	846.30
1943	Wet	53.03	5.30	71.96	107.65	99.71	138.07	22.05	14.83	48.67	121.70	121.99	113.96	918.92
1944	Dry	49.89	5.30	129.82	62.08	63.07	45.04	15.43	12.78	33.01	121.99	82.56	46.04	667.01
1945	Below Normal	37.68	118.05	72.40	62.25	67.77	120.22	15.38	12.78	34.84	121.99	121.99	98.62	883.97
1946	Below Normal	98.41	115.64	103.02	75.52	48.88	62.01	13.46	12.78	34.88	121.99	121.99	101.40	909.98
1947	Dry	88.22	86.20	78.99	51.84	58.29	24.49	17.81	12.78	30.25	121.99	76.13	118.05	765.04
1948	Below Normal	77.32	62.33	41.44	36.92	5.13	46.20	12.37	12.78	47.38	121.99	121.99	118.05	703.90
1949	Dry	55.97	47.40	78.03	58.70	54.82	35.44	12.37	12.78	30.64	121.99	64.30	118.05	690.49
1950	Below Normal	30.17	33.82	40.14	40.76	42.71	62.92	12.37	12.78	37.12	121.80	121.99	118.05	674.63
1951	Above Normal	89.21	118.05	140.22	114.64	104.13	116.90	14.09	12.78	47.63	107.63	121.99	105.58	1,092.85
1952	Wet	56.21	68.28	71.83	83.97	67.50	138.07	27.85	41.83	102.10	121.99	121.99	102.37	1,003.99
1953	Wet	52.16	5.30	129.74	57.86	64.06	67.72	14.97	13.29	34.24	121.99	121.99	118.05	801.37
1954	Above Normal	39.96	5.30	128.12	37.58	41.46	63.11	12.59	12.78	46.31	106.23	121.99	118.05	733.48
1955	Dry	55.69	53.27	128.33	65.11	49.77	43.86	15.05	12.78	5.30	121.99	42.29	87.72	681.16
1956	Wet	35.55	68.57	109.49	155.23	109.94	118.40	15.06	16.98	75.00	121.99	121.99	100.26	1,048.46
1957	Above Normal	54.24	5.30	128.53	60.18	31.46	23.92	14.91	12.78	30.63	121.75	121.99	118.05	723.74
1958	Wet	121.99	46.38	67.70	46.22	67.57	138.07	42.33	36.32	93.26	121.99	121.99	118.05	1,021.87
1959	Below Normal	68.81	5.30	129.25	39.60	50.64	70.19	19.05	15.65	29.41	121.99	121.99	118.05	789.93
1960	Dry	58.77	48.77	42.88	58.16	38.27	44.41	5.30	22.32	26.90	121.99	91.01	118.05	676.83
1961	Dry	26.23	73.59	127.64	60.11	33.80	60.30	13.40	14.64	1.51	121.99	37.97	43.94	615.12
1962	Below Normal	15.57	47.35	53.46	45.35	51.70	70.00	16.57	12.78	30.25	118.28	121.99	118.05	701.35
1963	Wet	121.99	118.05	64.59	43.91	47.88	65.05	13.37	12.78	40.22	121.99	121.99	118.05	889.87
1964	Dry	72.67	118.05	91.21	62.09	46.76	39.76	12.37	12.78	5.30	121.99	55.34	118.05	756.37
1965	Wet	53.44	53.21	71.32	100.67	72.02	77.08	18.80	12.78	50.05	121.66	121.99	115.96	868.98
1966	Below Normal	35.39	66.46	137.04	71.27	65.83	55.00	12.37	12.78	29.58	119.51	121.99	118.05	845.27
1967	Wet	45.87	66.87	69.51	68.02	59.74	81.86	35.34	35.25	118.05	121.99	121.99	118.05	942.54
1968	Below Normal	74.69	5.30	126.38	61.79	38.98	64.43	17.11	15.85	29.35	121.69	121.99	118.05	795.61
1969	Wet	74.05	70.97	128.68	80.99	62.20	70.34	47.92	79.37	95.08	97.14	111.87	78.96	997.57
1970	Wet	62.85	5.30	75.09	138.07	110.11	121.44	12.37	12.78	32.60	121.99	121.99	64.15	878.74
1971	Wet	48.53	93.73	72.11	60.36	55.28	73.80	15.52	12.78	46.78	121.99	121.99	118.05	840.92
1972	Below Normal	52.46	5.30	128.55	58.73	30.92	42.62	21.00	13.00	29.05	121.99	121.99	118.05	743.66
1973	Above Normal	66.70	118.05	67.22	52.83	72.16	75.08	14.71	12.78	50.27	121.67	121.99	88.76	862.22
1974	Wet	98.82	118.05	80.60	80.82	64.82	109.87	17.00	12.78	60.65	121.99	121.99	108.42	995.81
1975	Wet	79.87	5.30	130.26	61.86	53.26	102.72	15.65	12.78	66.37	121.99	121.99	118.05	890.10
1976	Critical	110.14	5.30	128.74	52.67	34.07	51.90	22.86	20.21	5.30	115.53	75.63	118.05	740.40
1977	Critical	58.91	25.80	21.44	32.37	11.50	5.48	5.30	10.18	4.62	5.48	5.48	24.23	210.79
1978	Above Normal	5.48	29.86	53.35	52.59	77.62	90.47	29.84	26.59	94.48	121.99	121.99	118.05	822.31
1979	Below Normal	57.89	27.87	129.85	71.62	88.12	88.66	15.27	20.39	34.56	121.99	121.99	68.26	846.47
1980	Above Normal	84.23	53.21	129.13	111.30	82.22	78.00	15.54	16.53	78.64	121.99	91.94	6.01	868.74
1981	Dry	68.65	6.62	128.82	61.92	55.99	53.38	20.04	16.41	29.13	121.99	86.22	118.05	767.22
1982	Wet	57.73	118.05	66.88	70.27	131.21	132.07	108.25	44.20	92.12	121.99	121.99	118.05	1,182.81
1983	Wet	112.24	65.11	85.32	74.11	64.93	63.18	40.64	37.00	57.12	55.67	94.44	65.00	814.76
1984	Wet	117.81	107.79	123.45	122.72	115.94	119.30	14.79	12.78	35.88	121.70	121.99	102.82	1,116.97
1985	Dry	71.57	118.05	128.44	61.82	58.34	53.45	19.52	16.35	29.57	121.99	60.35	118.05	857.50
1986	Wet	83.40	96.26	78.05	38.95	139.19	120.53	26.97	26.20	69.02	121.99	74.79	118.05	993.40
1987	Dry	65.66	5.30	129.24	60.19	55.42	42.94	9.71	32.76	28.82	73.80	13.75	38.52	556.11
1988	Critical	8.42	15.00	60.60	42.64	5.13	30.14	17.99	17.75	5.30	90.42	5.48	22.30	321.17
1989	Dry	5.48	51.97	56.18	57.92	13.50	22.04	19.97	14.89	41.62	121.99	97.00	118.05	620.61
1990	Critical	60.59	40.73	59.22	56.26	35.64	18.67	5.30	16.70	4.25	121.99	5.48	32.23	457.06
1991	Critical	6.85	8.92	23.51	5.48	20.98	23.30	18.05	15.64	37.06	113.99	5.48	10.87	290.13
1992	Critical	13.03	9.29	25.30	24.58	28.97	43.69	12.37	12.78	25.54	5.48	5.48	37.69	244.20
1993	Above Normal	35.15	8.73	62.56	57.30	68.22	71.88	12.37	12.78	70.04	121.99	121.99	118.05	761.06
1994	Critical	64.29	5.30	127.55	58.43	54.59	42.35	16.33	18.73	4.31	121.99	21.58	57.38	592.83
1995	Wet	16.94	34.52	63.01	54.64	59.88	138.07	28.89	112.80	118.05	121.99	121.99	118.05	988.83
1996	Wet	39.79	22.06	68.92	51.39	133.97	126.07	17.77	17.06	59.25	121.99	121.99	118.05	898.31
1997	Wet	27.54	9.80	140.22	155.23	140.20	132.03	12.37	13.86	50.76	110.14	121.99	118.05	1,032.19
1998	Wet	37.76	13.74	128.71	54.90	140.20	138.07	32.29	38.03	118.05	121.99	121.99	118.05	1,063.78
1999	Wet	121.99	118.05	73.81	74.66	119.47	90.59	15.02	12.78	50.64	121.99	121.99	56.96	977.95
2000	Above Normal	40.78	5.30	127.64	40.53	88.19	104.07	14.61	12.78	44.23	113.87	121.99	118.05	832.04
2001	Dry	42.19	5.30	129.16	63.26	50.31	54.30	17.71	13.38	28.58	81.25	8.65	54.75	548.84
2002	Dry	5.48	56.94	71.48	48.37	61.81	47.55	13.07	12.78	29.55	121.99	27.85	116.07	612.94
2003	Above Normal	5.48	30.39	68.68	41.64	54.84	61.24	12.37	12.78	44.44	121.99	121.99	118.05	693.89
	Average	55.28	46.97	88.80	65.34	65.50	71.92	18.82	20.11	44.27	110.60	90.51	91.53	769.66
	Wet	66.79	60.62	88.65	81.86	91.65	106.87	26.82	30.84	70.03	117.83	118.60	105.22	965.78
	Above Normal	50.64	41.00	102.36	61.98	63.95	79.10	16.21	14.62	59.15	117.39	119.49	105.23	831.12
	Below Normal	56.03	48.90	91.64	58.93	63.56	73.18	16.14	14.44	39.26	121.51	119.43	105.86	808.89
	Dry	47.78	45.83	96.88	58.70	48.05	44.63	14.99	16.25	24.28	117.05	60.03	92.89	667.35
	Critical	45.39	22.80	60.12	50.35	38.86	28.49	12.98	14.76	9.41	65.77	12.67	29.42	391.01

Energy Use (GWh) At Pumping Plant at SWP Banks: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	90.57	60.97	131.24	65.00	53.10	82.50	18.03	17.24	109.40	121.99	121.99	118.05	990.08
1923	Below Normal	67.79	42.15	77.98	64.32	68.31	51.15	17.96	12.78	43.66	121.99	121.99	118.05	808.13
1924	Critical	62.95	55.07	51.24	57.27	37.15	5.48	5.30	11.98	5.30	100.50	5.48	9.81	407.53
1925	Dry	41.53	50.17	73.00	58.37	39.28	78.31	19.09	17.51	37.71	121.99	62.02	118.05	717.03
1926	Dry	54.91	48.09	50.31	58.68	29.28	5.48	20.05	15.21	42.25	121.99	58.82	64.98	570.05
1927	Wet	27.22	118.05	67.89	42.81	65.34	67.69	14.27	12.78	50.72	121.99	121.99	118.05	828.80
1928	Above Normal	59.08	38.49	129.71	62.82	37.28	78.31	15.25	12.78	45.21	111.93	121.99	118.05	830.90
1929	Critical	65.46	24.97	85.48	60.23	54.71	49.93	28.37	20.75	5.30	5.48	5.48	11.95	418.11
1930	Dry	20.61	16.97	60.61	43.46	41.21	46.14	24.64	22.21	28.52	121.99	49.66	118.05	594.07
1931	Critical	34.93	28.66	24.66	58.15	33.49	15.68	5.30	5.48	5.30	67.35	5.48	7.90	292.38
1932	Dry	18.19	26.97	131.02	62.50	70.57	74.11	5.30	12.78	5.30	121.99	77.05	42.13	647.91
1933	Critical	39.92	33.87	39.71	48.78	78.32	29.84	13.30	12.78	5.30	29.13	5.48	11.19	347.62
1934	Critical	19.07	20.74	73.69	109.02	69.87	25.45	5.30	14.12	5.30	5.48	5.48	9.10	362.62
1935	Below Normal	23.94	56.96	69.00	64.12	46.83	45.65	15.01	12.78	40.84	121.99	121.99	118.05	737.16
1936	Below Normal	57.53	49.43	56.08	40.46	144.14	129.64	18.13	12.78	48.80	121.99	121.99	95.64	896.61
1937	Below Normal	84.03	48.48	118.48	69.83	140.20	115.93	17.48	16.13	85.74	121.99	82.02	55.44	955.75
1938	Wet	90.74	118.05	91.80	121.63	120.31	122.16	37.63	46.02	113.33	121.99	121.99	102.96	1,208.61
1939	Dry	61.04	5.30	104.73	62.05	45.07	32.39	9.24	15.71	5.30	121.99	84.38	118.05	665.25
1940	Above Normal	30.23	18.25	61.12	47.41	56.83	103.88	20.21	12.78	48.48	115.58	121.99	118.05	754.81
1941	Wet	56.67	24.22	77.58	72.92	137.83	138.07	24.83	23.98	69.20	121.99	121.99	109.59	978.87
1942	Wet	42.96	5.30	76.87	85.20	83.61	90.18	21.00	21.13	68.30	121.99	121.99	109.39	847.92
1943	Wet	52.99	5.30	71.96	87.75	98.70	138.07	21.64	14.41	42.53	121.70	121.99	113.23	890.27
1944	Dry	51.12	5.30	129.82	62.08	63.07	45.04	15.43	12.78	33.01	121.99	84.58	46.11	670.33
1945	Below Normal	37.69	118.05	72.40	62.25	61.19	113.90	15.37	12.78	34.83	121.99	121.99	99.57	872.01
1946	Below Normal	98.77	118.05	103.02	75.52	49.18	62.01	13.46	12.78	34.88	121.99	121.99	100.62	912.27
1947	Dry	88.24	86.21	78.93	51.84	58.28	24.49	17.81	12.78	30.25	121.99	76.29	118.05	765.16
1948	Below Normal	77.37	62.34	41.41	36.92	5.13	46.20	12.37	12.78	47.38	121.99	121.99	118.05	703.93
1949	Dry	56.04	47.47	78.02	58.70	54.82	35.44	12.37	12.78	30.64	121.99	64.24	118.05	690.56
1950	Below Normal	29.34	33.82	40.14	40.76	42.71	62.92	12.37	12.78	37.10	121.80	121.99	118.05	673.78
1951	Above Normal	89.22	118.05	139.69	114.63	104.13	116.90	14.09	12.78	47.63	107.64	121.99	105.58	1,092.33
1952	Wet	56.21	68.30	71.83	83.34	67.68	138.07	25.20	35.25	88.50	121.99	121.99	112.03	990.39
1953	Wet	49.94	5.30	129.74	49.62	64.06	67.71	14.97	13.28	34.24	121.99	121.99	118.05	790.89
1954	Above Normal	40.02	5.30	128.12	37.58	41.46	63.11	12.60	12.78	46.31	106.23	121.99	118.05	733.55
1955	Dry	56.03	53.27	128.33	65.11	49.77	43.86	15.05	12.78	5.30	121.99	42.30	85.52	679.31
1956	Wet	35.58	68.58	93.82	155.23	109.92	118.41	15.06	16.98	75.00	121.99	121.99	100.77	1,033.33
1957	Above Normal	54.26	5.30	128.53	60.18	31.46	23.92	14.91	12.78	30.63	121.75	121.99	118.05	723.76
1958	Wet	121.99	46.36	67.70	46.22	67.57	138.07	39.24	31.17	89.17	121.99	121.99	118.05	1,009.52
1959	Below Normal	68.81	5.30	129.25	39.60	50.64	67.74	19.06	15.65	29.41	121.99	121.99	118.05	787.49
1960	Dry	58.42	47.72	42.48	58.16	38.27	44.41	5.30	22.32	26.90	121.99	91.78	118.05	675.80
1961	Dry	27.77	73.53	127.64	60.11	33.80	60.30	13.40	14.64	1.51	121.99	37.96	43.94	616.59
1962	Below Normal	15.58	47.37	53.46	45.36	51.70	70.00	16.57	12.78	30.25	118.28	121.99	118.05	701.39
1963	Wet	121.99	118.05	64.59	43.91	47.88	65.05	13.37	12.78	40.22	121.99	121.99	118.05	889.87
1964	Dry	72.69	118.05	91.21	62.09	46.76	39.76	12.37	12.78	5.30	121.99	55.42	118.05	756.47
1965	Wet	53.67	53.21	71.32	99.48	72.02	77.08	18.80	12.78	50.04	121.66	121.99	115.99	868.04
1966	Below Normal	35.41	66.45	137.04	71.27	65.83	55.00	12.37	12.78	29.58	119.51	121.99	118.05	845.28
1967	Wet	46.32	66.87	69.51	68.02	59.74	81.85	32.37	29.97	110.88	121.99	121.99	118.05	927.56
1968	Below Normal	73.59	5.30	128.63	61.79	38.98	64.43	17.11	15.85	29.35	121.69	121.99	118.05	796.76
1969	Wet	68.15	71.51	128.68	71.58	76.28	74.23	39.02	87.60	94.66	96.72	111.45	78.64	998.52
1970	Wet	62.68	5.30	75.09	137.43	111.80	121.42	12.37	12.78	32.60	121.99	121.99	63.10	878.55
1971	Wet	48.53	93.72	72.11	60.36	55.28	73.80	15.52	12.78	46.78	121.99	121.99	118.05	840.91
1972	Below Normal	52.42	5.30	128.55	58.73	30.92	42.62	21.00	13.00	29.05	121.99	121.99	118.05	743.62
1973	Above Normal	66.70	118.05	67.22	52.83	72.16	75.08	14.71	12.78	50.27	121.67	121.99	88.73	862.19
1974	Wet	98.37	118.05	80.60	77.29	64.82	92.42	16.96	12.78	60.63	121.99	121.99	118.05	983.95
1975	Wet	79.82	5.30	130.26	61.86	53.26	102.88	15.65	12.78	66.37	121.99	121.99	118.05	890.21
1976	Critical	110.82	5.30	128.74	52.67	34.06	51.90	22.86	20.21	5.30	114.80	75.56	118.05	740.27
1977	Critical	58.52	25.83	21.51	32.18	11.50	5.48	5.30	10.21	4.66	5.48	5.48	24.24	210.39
1978	Above Normal	5.48	30.32	53.15	52.59	71.47	81.11	24.02	20.48	73.54	121.99	121.99	118.05	774.19
1979	Below Normal	57.70	27.78	129.85	71.62	87.35	87.09	15.27	20.39	34.56	121.99	121.99	83.34	858.93
1980	Above Normal	98.76	55.94	129.13	77.56	88.87	81.97	15.54	16.53	77.64	98.93	69.05	55.45	865.37
1981	Dry	67.58	6.77	128.82	61.92	55.99	45.14	20.04	16.40	29.13	121.99	86.29	118.05	758.12
1982	Wet	60.54	118.05	66.88	70.27	130.19	135.27	108.25	37.51	83.05	121.99	121.99	118.05	1,172.04
1983	Wet	121.99	69.93	86.44	74.11	64.93	63.18	40.64	37.00	57.12	55.67	94.44	65.00	830.45
1984	Wet	117.81	107.79	123.36	122.72	115.92	119.30	14.79	12.78	35.88	121.70	121.99	102.84	1,116.88
1985	Dry	71.57	118.05	128.44	61.82	58.34	53.45	19.52	16.35	29.57	121.99	60.34	118.05	857.49
1986	Wet	83.40	96.26	78.05	38.95	105.49	138.07	26.55	22.76	67.49	121.99	97.47	98.38	974.86
1987	Dry	65.75	5.30	129.24	60.19	55.42	42.94	9.73	32.75	28.82	70.77	13.77	38.53	553.21
1988	Critical	8.40	14.97	60.60	42.64	5.14	30.18	17.99	17.75	5.30	90.61	5.48	22.31	321.37
1989	Dry	5.48	51.97	56.10	57.92	13.50	22.04	19.97	14.89	41.62	121.99	95.28	118.05	618.81
1990	Critical	60.98	40.70	59.88	56.26	35.63	18.67	5.30	16.70	4.25	121.99	5.48	32.23	458.07
1991	Critical	6.84	8.94	23.51	5.48	20.98	23.30	18.05	15.64	37.06	114.44	5.48	10.83	290.55
1992	Critical	12.97	9.25	25.32	24.40	28.97	43.69	12.37	12.78	25.54	5.48	5.48	37.68	243.93
1993	Above Normal	35.15	8.71	62.55	57.30	68.20	71.88	12.37	12.78	70.04	121.99	121.99	118.05	761.01
1994	Critical	64.28	5.30	127.55	58.43	54.59	42.35	16.33	18.73	4.31	121.99	21.58	57.35	592.79
1995	Wet	16.93	34.53	63.00	54.61	59.88	138.07	25.00	45.37	101.23	121.99	121.99	118.05	900.65
1996	Wet	36.96	19.33	68.92	51.39	133.90	122.90	17.77	17.07	59.25	121.99	121.99	118.05	889.52
1997	Wet	27.50	9.39	140.22	155.23	140.20	127.80	12.37	12.78	48.91	121.99	121.99	118.05	1,036.43
1998	Wet	37.72	13.66	128.71	54.85	140.20	138.07	29.73	32.99	118.05	121.99	121.99	118.05	1,056.01
1999	Wet	121.99	118.05	73.81	74.66	116.75	90.59	15.02	12.78	50.64	121.99	121.99	54.41	972.68
2000	Above Normal	40.79	5.30	127.64	40.53	87.15	103.25	14.61	12.78	44.23	113.86	121.99	118.05	830.18
2001	Dry	42.15	5.30	124.14	63.26	50.31	54.30	17.71	13.38	28.58	84.81	8.54	54.77	547.25
2002	Dry	5.48	56.92	71.48	48.37	61.80	47.55	13.07	12.78	29.55	121.99	27.85	117.43	614.27
2003	Above Normal	5.48	30.21	68.68	41.64	54.84	61.24	12.37	12.78	44.44	121.99	121.99	118.05	693.71
	Average	55.42	47.04	88.28	63.86	65.17	71.65	18.37	17.97	43.30	110.44	90.44	92.64	764.56
	Wet	66.87	60.71	87.34	79.29	90.91	106.94	25.69	24.63	67.49	118.43	119.58	106.19	954.07
	Above Normal	51.31	41.24	102.23	59.17	63.91	78.60	15.73	14.11	57.32	115.46	117.58	109.35	826.01
	Below Normal	55.71	49.06	91.81	57.33	63.08	72.45	15.97	14.00	39.67	121.51	119.14	106.93	806.65
	Dry	48.03	45.74	96.35	58.70	48.09	44.18	15.01	16.16	24.40	117.08	59.81	93.00	666.54
	Critical	45.43	22.80	60.16	50.46	38.70	28.50	12.98	14.76	9.41	65.23	12.66	29.39	390.47

Difference in Energy Use (GWh) At Pumping Plant at SWP Banks: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.06	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1923	Below Normal	0.00	(0.08)	0.00	(0.91)	0.35	0.05	0.00	0.00	(2.78)	0.00	0.00	0.00	(0.28)
1924	Critical	(0.23)	(0.22)	(0.24)	1.77	0.00	0.00	0.00	0.00	0.00	(7.82)	0.00	(0.34)	(0.59)
1925	Dry	0.12	(0.87)	0.03	0.00	0.00	(0.02)	0.00	0.00	2.27	0.00	(1.17)	0.00	0.03
1926	Dry	0.19	0.16	(0.01)	0.00	0.00	0.00	0.00	(0.60)	0.01	0.00	(2.68)	2.72	(0.02)
1927	Wet	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	0.00	0.00	0.00
1929	Critical	(0.02)	(0.01)	(0.02)	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.12)	0.00	(0.01)
1931	Critical	(0.01)	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.00	(0.05)	0.06
1932	Dry	0.06	0.01	0.00	0.00	0.70	0.00	0.00	0.00	0.00	0.00	(0.97)	0.00	(0.02)
1933	Critical	0.17	0.18	0.01	(0.01)	(1.88)	0.00	0.00	0.00	0.00	0.65	0.00	0.02	(0.07)
1934	Critical	(0.01)	0.11	(0.11)	(0.02)	(0.02)	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.00
1935	Below Normal	(2.54)	(0.03)	0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.21)
1936	Below Normal	(0.15)	(0.11)	0.02	0.00	0.00	(1.87)	0.00	0.00	0.00	0.00	0.00	(0.33)	(0.20)
1937	Below Normal	0.02	0.02	0.00	(21.63)	0.00	1.90	(2.47)	(6.11)	8.58	0.00	(4.12)	0.09	(1.98)
1938	Wet	0.01	0.00	(19.41)	(17.48)	7.20	1.98	(4.44)	(66.78)	(4.72)	4.23	3.25	21.33	(6.24)
1939	Dry	2.43	0.00	(3.94)	0.00	0.01	0.00	0.20	(1.12)	0.00	0.00	(0.20)	0.00	(0.22)
1940	Above Normal	(6.62)	(0.11)	(0.78)	0.12	0.00	0.00	0.00	0.00	0.01	(0.02)	0.00	0.00	(0.62)
1941	Wet	(0.01)	0.08	0.00	(0.01)	(2.37)	0.00	0.00	(1.76)	(0.61)	0.00	0.00	0.00	(0.39)
1942	Wet	0.53	0.00	0.00	(5.71)	(1.64)	0.00	0.00	0.00	0.00	0.00	0.00	8.44	0.14
1943	Wet	(0.04)	0.00	0.00	(19.90)	(1.01)	0.00	(0.41)	(0.42)	(6.14)	0.00	0.00	(0.73)	(2.39)
1944	Dry	1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.02	0.07	0.28
1945	Below Normal	0.01	0.00	0.00	0.00	(6.58)	(6.32)	(0.01)	0.00	(0.01)	0.00	0.00	0.95	(1.00)
1946	Below Normal	0.36	2.41	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	(0.78)	0.19
1947	Dry	0.02	0.01	(0.06)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.01
1948	Below Normal	0.05	0.01	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.07	0.07	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	0.00	0.01
1950	Below Normal	(0.83)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	(0.07)
1951	Above Normal	0.01	0.00	(0.53)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	(0.04)
1952	Wet	0.00	0.02	0.00	(0.63)	0.18	0.00	(2.65)	(6.58)	(13.60)	0.00	0.00	9.66	(1.13)
1953	Wet	(2.22)	0.00	0.00	(8.24)	0.00	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.87)
1954	Above Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
1955	Dry	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(2.20)	(0.15)
1956	Wet	0.03	0.01	(15.67)	0.00	(0.02)	0.01	0.00	0.00	0.00	0.00	0.00	0.51	(1.26)
1957	Above Normal	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	(0.02)	0.00	0.00	0.00	0.00	(3.09)	(5.15)	(4.09)	0.00	0.00	0.00	(1.03)
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	(2.45)	0.01	0.00	0.00	0.00	0.00	0.00	(0.20)
1960	Dry	(0.35)	(1.05)	(0.40)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.77	0.00	(0.09)
1961	Dry	1.54	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.12
1962	Below Normal	0.01	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.01
1965	Wet	0.23	0.00	0.00	(1.19)	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.03	(0.08)
1966	Below Normal	0.02	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.45	0.00	0.00	0.00	0.00	(0.01)	(2.97)	(5.28)	(7.17)	0.00	0.00	0.00	(1.25)
1968	Below Normal	(1.10)	0.00	2.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
1969	Wet	(5.90)	0.54	0.00	(9.41)	14.08	3.89	(8.90)	8.23	(0.42)	(0.42)	(0.42)	(0.32)	0.08
1970	Wet	(0.17)	0.00	0.00	(0.64)	1.69	(0.02)	0.00	0.00	0.00	0.00	0.00	(1.05)	(0.02)
1971	Wet	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	0.00
1974	Wet	(0.45)	0.00	0.00	(3.53)	0.00	(17.45)	(0.04)	0.00	(0.02)	0.00	0.00	9.63	(0.99)
1975	Wet	(0.05)	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1976	Critical	0.68	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.73)	(0.07)	0.00	(0.01)
1977	Critical	(0.39)	0.03	0.07	(0.19)	0.00	0.00	0.00	0.03	0.04	0.00	0.00	0.01	(0.03)
1978	Above Normal	0.00	0.46	(0.20)	0.00	(6.15)	(9.36)	(5.82)	(6.11)	(20.94)	0.00	0.00	0.00	(4.01)
1979	Below Normal	(0.19)	(0.09)	0.00	0.00	(0.77)	(1.57)	0.00	0.00	0.00	0.00	0.00	15.08	1.04
1980	Above Normal	14.53	2.73	0.00	(33.74)	6.65	3.97	0.00	0.00	(1.00)	(23.06)	(22.89)	49.44	(0.28)
1981	Dry	(1.07)	0.15	0.00	0.00	0.00	(8.24)	0.00	(0.01)	0.00	0.00	0.07	0.00	(0.76)
1982	Wet	2.81	0.00	0.00	0.00	(1.02)	3.20	0.00	(6.69)	(9.07)	0.00	0.00	0.00	(0.90)
1983	Wet	9.75	4.82	1.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.31
1984	Wet	0.00	0.00	(0.09)	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.02	(0.01)
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	(33.70)	17.54	(0.42)	(3.44)	(1.53)	0.00	22.68	(19.67)	(1.55)
1987	Dry	0.09	0.00	0.00	0.00	0.00	0.00	0.02	(0.01)	0.00	(3.03)	0.02	0.01	(0.24)
1988	Critical	(0.02)	(0.03)	0.00	0.00	0.01	0.04	0.00	0.00	0.00	0.19	0.00	0.01	0.02
1989	Dry	0.00	0.00	(0.08)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.72)	0.00	(0.15)
1990	Critical	0.39	(0.03)	0.66	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
1991	Critical	(0.01)	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	(0.04)	0.04
1992	Critical	(0.06)	(0.04)	0.02	(0.18)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)
1993	Above Normal	0.00	(0.02)	(0.01)	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	0.00
1995	Wet	(0.01)	0.01	(0.01)	(0.03)	0.00	0.00	(3.89)	(67.43)	(16.82)	0.00	0.00	0.00	(7.35)
1996	Wet	(2.83)	(2.73)	0.00	0.00	(0.07)	(3.17)	0.00	0.01	0.00	0.00	0.00	0.00	(0.73)
1997	Wet	(0.04)	(0.41)	0.00	0.00	0.00	(4.23)	0.00	(1.08)	(1.85)	11.85	0.00	0.00	0.35
1998	Wet	(0.04)	(0.08)	0.00	(0.05)	0.00	0.00	(2.56)	(5.04)	0.00	0.00	0.00	0.00	(0.65)
1999	Wet	0.00	0.00	0.00	0.00	(2.72)	0.00	0.00	0.00	0.00	0.00	0.00	(2.55)	(0.44)
2000	Above Normal	0.01	0.00	0.00	0.00	(1.04)	(0.82)	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.15)
2001	Dry	(0.04)	0.00	(5.02)	0.00	0.00	0.00	0.00	0.00	0.00	3.56	(0.11)	0.02	(0.13)
2002	Dry	0.00	(0.02)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	1.36	0.11
2003	Above Normal	0.00	(0.18)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
	Average	0.13	0.07	(0.52)	(1.48)	(0.34)	(0.28)	(0.46)	(2.14)	(0.97)	(0.16)	(0.07)	1.11	(0.42)
	Wet	0.08	0.09	(1.31)	(2.57)	(0.75)	0.07	(1.13)	(6.21)	(2.54)	0.60	0.98	0.97	(0.98)
	Above Normal	0.67	0.24	(0.13)	(2.80)	(0.04)	(0.51)	(0.48)	(0.51)	(1.83)	(1.93)	(1.91)	4.12	(0.42)
	Below Normal	(0.31)	0.15	0.16	(1.61)	(0.48)	(0.73)	(0.18)	(0.44)	0.41	0.00	(0.29)	1.07	(0.19)
	Dry	0.26	(0.09)	(0.53)	0.00	0.04	(0.46)	0.01	(0.10)	0.13	0.03	(0.22)	0.11	(0.07)
	Critical	0.04	0.00	0.03	0.11	(0.16)	0.01	0.00	0.00	0.00	(0.54)	(0.01)	(0.03)	(0.04)

Percent Difference in Energy Use (GWh) At Pumping Plant at SWP Banks: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	-1%	1%	0%	0%	0%	-6%	0%	0%	0%
1924	Critical	0%	0%	0%	3%	0%	0%	0%	0%	0%	-7%	0%	-3%
1925	Dry	0%	-2%	0%	0%	0%	0%	0%	0%	6%	0%	-2%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	-4%	0%	0%	-4%	4%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	-1%
1932	Dry	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	-1%	0%
1933	Critical	0%	1%	0%	0%	-2%	0%	0%	0%	0%	2%	0%	0%
1934	Critical	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	-10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	-24%	0%	2%	-12%	-27%	11%	0%	-5%	0%
1938	Wet	0%	0%	-17%	-13%	6%	2%	-11%	-59%	-4%	4%	3%	26%
1939	Dry	4%	0%	-4%	0%	0%	0%	2%	-7%	0%	0%	0%	0%
1940	Above Normal	-18%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	-2%	0%	0%	-7%	-1%	0%	0%	0%
1942	Wet	1%	0%	0%	-6%	-2%	0%	0%	0%	0%	0%	0%	8%
1943	Wet	0%	0%	0%	-18%	-1%	0%	-2%	-3%	-13%	0%	0%	-1%
1944	Dry	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1945	Below Normal	0%	0%	0%	0%	-10%	-5%	0%	0%	0%	0%	0%	1%
1946	Below Normal	0%	2%	0%	0%	1%	0%	0%	0%	0%	0%	0%	-1%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-1%	0%	0%	-10%	-16%	-13%	0%	0%	9%
1953	Wet	-4%	0%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%
1956	Wet	0%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-7%	-14%	-4%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%
1960	Dry	-1%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1961	Dry	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	1%	0%	0%	0%	0%	0%	-8%	-15%	-6%	0%	0%	0%
1968	Below Normal	-1%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	-8%	1%	0%	-12%	23%	6%	-19%	10%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	-2%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-4%	0%	-16%	0%	0%	0%	0%	0%	9%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1977	Critical	-1%	0%	0%	-1%	0%	0%	0%	0%	1%	0%	0%	0%
1978	Above Normal	0%	2%	0%	0%	-8%	-10%	-20%	-23%	-22%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	-1%	-2%	0%	0%	0%	0%	0%	22%
1980	Above Normal	17%	5%	0%	-30%	8%	5%	0%	0%	-1%	-19%	-25%	823%
1981	Dry	-2%	2%	0%	0%	0%	-15%	0%	0%	0%	0%	0%	0%
1982	Wet	5%	0%	0%	0%	-1%	2%	0%	-15%	-10%	0%	0%	0%
1983	Wet	9%	7%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-24%	15%	-2%	-13%	-2%	0%	30%	-17%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-4%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1990	Critical	1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	-13%	-60%	-14%	0%	0%	0%
1996	Wet	-7%	-12%	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	-4%	0%	0%	0%	-3%	0%	-8%	-4%	11%	0%	0%
1998	Wet	0%	-1%	0%	0%	0%	0%	-8%	-13%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	-4%
2000	Above Normal	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-4%	0%	0%	0%	0%	0%	0%	4%	-1%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	-2%	0%	0%	-1%	-3%	-1%	0%	0%	11%
	Wet	0%	0%	-1%	-3%	0%	0%	-3%	-8%	-3%	1%	1%	1%
	Above Normal	0%	0%	0%	-3%	0%	0%	-2%	-2%	-2%	-2%	-2%	69%
	Below Normal	-1%	0%	0%	-2%	-1%	-1%	-1%	-2%	0%	0%	0%	2%
	Dry	1%	0%	0%	0%	0%	-1%	0%	-1%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Energy Use (GWh) At Pumping Plant at SWP Dos Amigos: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	39.20	49.47	27.00	7.25	13.46	22.05	30.16	34.24	43.51	43.87	44.42	31.55	386.18
1923	Below Normal	29.11	35.32	21.37	34.85	34.36	33.65	24.76	32.29	42.86	47.34	43.54	28.72	408.17
1924	Critical	29.35	18.38	15.72	11.27	11.41	10.06	13.65	17.60	23.72	28.21	20.70	13.54	213.61
1925	Dry	7.05	5.33	4.80	3.47	5.38	20.51	23.37	33.71	45.02	50.52	52.14	29.62	280.92
1926	Dry	21.08	18.26	15.27	6.87	8.24	11.83	17.48	29.26	38.85	43.51	42.92	25.70	279.27
1927	Wet	18.09	15.60	12.96	6.64	11.29	25.30	31.70	36.26	45.64	45.97	46.49	33.45	329.39
1928	Above Normal	28.17	34.19	23.07	28.94	28.84	17.97	31.34	35.42	44.37	44.85	45.09	32.58	394.83
1929	Critical	27.30	32.60	22.29	26.16	24.63	13.92	11.51	16.21	21.54	22.94	18.82	12.26	250.18
1930	Dry	6.53	5.02	4.54	3.14	6.13	8.31	19.34	25.22	33.87	37.14	36.91	21.09	207.24
1931	Critical	13.41	11.05	9.13	5.39	6.60	7.80	15.51	20.12	27.20	31.63	23.79	15.36	186.99
1932	Dry	8.06	6.32	5.60	4.35	7.21	10.33	19.81	25.77	34.40	38.41	38.26	22.27	220.79
1933	Critical	15.10	12.84	10.59	5.88	7.13	9.59	17.41	23.61	32.11	36.43	28.94	18.80	218.43
1934	Critical	10.95	8.43	6.92	4.95	5.73	8.15	16.53	21.46	29.13	34.28	12.91	3.39	162.83
1935	Below Normal	11.83	19.27	14.94	4.71	6.88	9.85	25.64	33.84	35.80	52.72	47.43	31.50	294.41
1936	Below Normal	27.70	19.63	16.37	7.14	9.55	36.01	30.03	37.69	47.41	47.77	48.33	42.65	370.28
1937	Below Normal	29.38	26.08	24.07	29.42	46.60	49.96	31.16	34.32	45.48	49.98	56.49	35.20	458.14
1938	Wet	29.19	25.79	23.89	48.65	50.02	52.87	25.39	40.85	50.88	54.97	56.70	34.69	493.89
1939	Dry	34.21	33.19	23.57	34.95	34.34	38.58	28.83	33.37	31.14	51.85	46.24	34.41	424.68
1940	Above Normal	25.66	16.23	25.08	5.04	6.13	13.54	25.50	34.17	41.73	52.06	46.76	30.71	322.61
1941	Wet	23.52	25.17	15.93	11.31	15.60	34.98	26.73	30.10	40.27	44.83	45.47	31.32	345.23
1942	Wet	35.14	26.67	20.37	35.63	35.51	40.02	34.51	34.86	44.68	45.11	45.71	32.09	430.30
1943	Wet	33.76	31.44	21.63	29.47	34.86	33.52	34.62	35.32	46.66	51.20	51.86	36.28	440.62
1944	Dry	38.13	33.71	24.72	25.03	23.50	15.09	20.00	26.17	34.73	38.60	38.76	22.41	340.85
1945	Below Normal	14.95	12.62	10.46	7.10	8.12	46.91	29.98	36.25	45.64	45.99	46.49	42.49	347.00
1946	Below Normal	30.13	24.98	30.99	32.44	26.00	27.62	29.95	34.55	43.58	43.95	44.55	39.66	408.40
1947	Dry	29.77	23.69	21.80	29.11	28.56	18.75	29.28	35.51	45.95	49.07	54.57	31.89	397.95
1948	Below Normal	24.77	21.75	19.14	16.90	16.31	10.89	16.58	25.71	19.65	49.71	45.05	30.91	297.37
1949	Dry	26.35	19.46	16.11	7.69	8.55	10.94	29.54	35.39	45.71	48.44	56.85	31.91	336.94
1950	Below Normal	25.05	22.03	19.52	8.03	8.34	9.48	23.35	30.47	17.60	50.72	45.74	30.85	291.18
1951	Above Normal	28.58	18.30	17.71	50.62	47.00	52.39	28.01	35.70	45.12	45.44	46.06	32.99	447.92
1952	Wet	30.82	32.28	22.16	34.81	35.48	27.39	21.73	29.09	38.70	43.35	44.10	30.44	390.35
1953	Wet	28.79	35.09	35.80	36.02	35.42	39.50	33.51	32.20	41.23	43.38	42.04	29.09	432.07
1954	Above Normal	26.34	24.31	18.05	21.67	22.41	22.64	25.73	33.76	44.47	49.76	46.02	30.06	365.22
1955	Dry	23.81	23.16	15.50	7.65	9.49	12.58	21.69	28.42	37.76	42.42	46.06	24.91	293.45
1956	Wet	17.42	15.02	12.48	38.11	48.91	53.00	32.22	39.38	50.11	50.50	51.20	36.38	444.73
1957	Above Normal	36.32	35.70	25.05	33.52	32.24	21.90	21.53	23.10	11.91	50.23	44.91	29.64	366.05
1958	Wet	21.02	22.41	15.07	6.65	17.69	43.15	33.74	41.72	50.01	54.57	55.31	38.26	399.60
1959	Below Normal	31.81	45.61	25.91	34.11	33.48	35.14	24.60	32.12	31.49	50.78	45.67	30.35	421.07
1960	Dry	27.62	18.87	15.70	6.66	7.11	9.62	27.65	35.76	39.68	54.49	48.36	35.34	326.86
1961	Dry	26.04	22.77	19.13	8.80	9.58	9.50	23.19	30.24	40.28	45.12	44.86	19.32	298.83
1962	Below Normal	6.80	21.69	24.18	4.07	4.96	12.43	23.53	30.98	19.60	51.20	46.19	31.21	276.84
1963	Wet	22.42	19.47	16.20	14.93	17.85	23.89	29.58	34.31	43.27	43.62	44.23	31.71	341.48
1964	Dry	26.51	23.50	41.07	26.22	19.59	20.33	31.52	35.41	44.58	44.92	53.45	32.70	399.80
1965	Wet	27.51	24.37	22.48	28.55	30.96	25.36	28.71	32.77	40.81	42.56	42.42	30.20	376.70
1966	Below Normal	36.20	24.44	20.06	31.15	33.10	25.84	25.11	32.64	42.19	50.03	44.45	29.11	394.32
1967	Wet	28.46	18.29	9.25	8.84	14.06	19.50	32.37	33.64	44.34	48.84	49.47	34.76	341.82
1968	Below Normal	28.95	43.25	24.67	35.05	36.05	37.25	28.80	32.17	42.23	45.45	42.83	28.90	425.60
1969	Wet	28.21	19.29	16.84	24.64	26.41	31.53	23.86	30.10	40.27	52.21	52.38	33.43	379.17
1970	Wet	32.46	22.66	19.94	53.81	48.62	53.39	29.25	35.55	44.88	45.20	45.81	36.81	468.38
1971	Wet	33.13	25.93	22.49	34.79	34.14	28.04	23.98	31.98	42.78	48.40	43.51	28.19	397.36
1972	Below Normal	25.69	17.67	14.44	7.56	15.17	21.73	26.18	33.37	44.28	48.82	44.73	29.58	329.22
1973	Above Normal	29.00	18.93	16.15	10.91	21.99	28.85	29.16	36.50	46.03	46.28	46.87	33.66	364.33
1974	Wet	28.34	25.13	23.18	35.11	35.21	37.05	32.97	37.45	48.09	48.46	49.13	34.49	434.61
1975	Wet	28.69	40.93	23.40	34.09	33.04	34.62	31.64	35.60	44.82	45.08	45.59	32.84	430.34
1976	Critical	27.57	35.37	22.58	28.68	28.37	18.53	24.23	31.81	29.60	52.26	38.72	32.43	370.15
1977	Critical	23.43	20.45	16.94	6.59	7.08	7.41	7.77	3.84	1.44	3.75	1.52	10.31	110.53
1978	Above Normal	2.36	13.35	24.00	3.97	7.58	20.44	22.77	19.88	36.82	42.49	42.95	30.68	267.29
1979	Below Normal	31.64	33.07	20.83	28.08	30.98	38.20	28.61	35.67	45.36	45.68	46.19	42.48	426.79
1980	Above Normal	27.29	24.13	22.29	30.25	35.59	33.26	22.60	30.58	44.38	43.31	60.78	34.26	408.72
1981	Dry	27.09	23.76	21.78	33.42	33.75	24.73	23.63	31.50	23.85	51.13	50.96	31.73	377.33
1982	Wet	22.81	19.90	16.49	13.83	17.43	52.92	47.06	39.39	52.83	53.38	54.11	37.24	427.39
1983	Wet	36.82	41.74	38.19	31.79	27.65	26.95	16.95	14.19	22.78	39.16	39.62	26.94	362.78
1984	Wet	48.18	47.68	55.09	54.35	51.25	52.37	28.18	35.98	45.33	45.74	46.36	33.29	543.80
1985	Dry	27.93	24.80	31.84	31.31	30.92	30.43	29.49	33.95	42.80	43.06	51.97	31.31	409.81
1986	Wet	26.21	23.25	21.40	27.27	25.77	37.98	30.72	37.95	47.76	48.46	61.26	34.98	423.01
1987	Dry	29.26	25.82	23.74	33.53	32.16	17.96	17.04	22.29	30.20	36.79	26.31	17.24	312.34
1988	Critical	9.47	7.08	6.22	4.20	6.39	6.98	11.89	15.26	20.31	21.82	17.74	11.81	139.17
1989	Dry	6.01	4.66	4.23	2.93	5.59	6.96	26.60	35.29	40.70	54.12	52.50	32.92	272.51
1990	Critical	23.73	20.64	17.20	6.89	7.74	8.69	15.01	19.50	26.33	28.03	22.95	15.08	211.79
1991	Critical	8.05	6.00	5.40	3.78	5.31	6.81	12.07	14.90	15.74	27.47	19.47	13.16	138.16
1992	Critical	6.73	4.87	4.59	3.31	5.10	6.58	11.91	15.19	20.09	13.02	1.66	15.93	108.98
1993	Above Normal	15.76	4.02	18.12	4.23	14.21	20.88	27.84	33.40	36.04	47.09	45.24	31.47	298.30
1994	Critical	28.41	28.31	19.39	20.06	19.55	16.01	22.17	28.83	35.17	43.98	33.38	26.34	321.60
1995	Wet	7.44	16.02	28.66	4.03	12.45	16.67	34.28	39.76	50.66	51.43	52.08	36.59	350.07
1996	Wet	36.10	38.26	25.03	32.58	33.89	31.18	32.24	36.29	45.83	46.18	46.77	33.50	437.85
1997	Wet	40.67	24.95	23.02	34.95	34.85	47.51	30.31	36.33	46.79	47.27	47.92	33.34	447.91
1998	Wet	31.31	34.60	22.40	33.10	35.04	35.91	30.80	38.62	50.50	51.20	51.89	35.33	450.70
1999	Wet	29.90	52.43	31.99	35.79	49.62	39.12	30.47	35.64	44.94	45.40	46.04	38.66	480.00
2000	Above Normal	30.29	25.48	22.62	30.29	29.91	24.16	26.89	34.49	45.64	50.43	46.18	30.63	397.01
2001	Dry	26.70	24.75	16.80	10.83	10.80	10.12	17.22	22.66	30.77	39.88	26.93	17.59	255.05
2002	Dry	9.62	7.24	6.32	3.93	8.24	12.99	31.93	35.67	44.65	45.06	51.87	32.95	290.47
2003	Above Normal	27.76	18.80	28.62	5.73	9.00	13.00	22.14	28.98	19.92	47.40	42.72	28.86	292.93
	Average	24.91	23.48	19.76	20.36	22.14	24.88	25.45	30.87	37.99	44.37	42.97	29.37	346.55
	Wet	28.71	27.86	22.94	28.84	31.27	36.30	30.29	34.82	44.80	47.56	48.36	33.63	415.37
	Above Normal	26.39	23.58	22.31	19.37	22.36	24.26	26.14	31.69	38.33	46.93	46.50	31.42	359.28
	Below Normal	25.29	26.24	20.50	20.04	22.14	28.21	26.31	33.01	37.37	48.58	46.26	33.83	367.77
	Dry	22.32	19.13	17.36	15.55	16.06	16.09	24.31	30.87	38.05	45.25	45.55	27.52	318.06
	Critical	18.63	17.17	13.08	10.60	11.25	10.04	14.97	19.03	23.53	28.65	20.05	15.70	202.70

Energy Use (GWh) At Pumping Plant at SWP Dos Amigos: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	39.20	49.47	27.00	7.25	13.46	22.05	30.16	34.25	43.51	43.88	44.43	31.55	386.21
1923	Below Normal	29.97	34.37	21.38	34.85	34.36	33.60	24.75	32.30	42.87	47.38	43.55	28.72	408.10
1924	Critical	29.22	18.36	15.69	11.08	11.23	9.92	13.41	17.27	23.25	27.89	20.29	13.28	210.89
1925	Dry	6.89	5.23	4.71	3.40	5.32	18.84	23.45	33.82	45.16	50.68	51.38	29.72	278.60
1926	Dry	21.15	18.32	15.32	6.88	8.23	11.80	17.43	29.18	38.74	43.39	43.36	25.63	279.43
1927	Wet	18.03	15.56	12.92	6.64	11.22	25.31	31.74	36.30	45.69	46.02	46.54	33.49	329.46
1928	Above Normal	28.20	34.04	23.10	28.97	28.86	17.97	31.32	35.43	44.39	44.89	45.11	32.57	394.85
1929	Critical	27.28	32.59	22.26	26.07	24.55	13.89	11.51	16.20	21.53	22.93	18.81	12.29	249.91
1930	Dry	6.51	5.01	4.53	3.13	6.13	8.31	19.33	25.22	33.87	37.14	36.97	21.09	207.24
1931	Critical	13.41	11.05	9.12	5.39	6.61	7.81	15.54	20.15	27.25	31.70	23.83	15.49	187.35
1932	Dry	8.10	6.26	5.58	4.34	7.21	10.35	19.83	25.80	34.42	38.46	38.34	22.32	221.01
1933	Critical	15.16	12.90	10.65	5.89	7.14	9.52	17.31	23.49	31.96	36.22	28.68	18.62	217.54
1934	Critical	10.76	8.24	6.82	4.84	5.69	8.18	16.60	21.55	29.27	34.44	13.19	3.35	162.93
1935	Below Normal	10.70	19.95	15.46	4.72	6.89	9.85	25.51	33.66	35.00	52.53	47.28	31.44	292.99
1936	Below Normal	27.69	19.60	16.35	7.16	9.61	35.51	30.02	37.68	47.40	47.75	48.32	42.64	369.73
1937	Below Normal	29.37	26.07	24.07	29.43	36.54	50.84	30.82	34.00	45.15	49.65	56.13	34.88	446.95
1938	Wet	28.86	25.49	23.61	35.25	50.12	53.78	25.80	33.49	45.32	49.86	50.57	34.41	456.56
1939	Dry	32.99	37.39	23.35	34.65	34.00	37.41	26.80	33.98	33.93	51.87	45.34	34.63	426.34
1940	Above Normal	25.96	12.83	26.89	4.09	5.29	13.27	25.49	34.16	41.68	52.04	46.75	30.71	319.16
1941	Wet	23.57	25.63	15.92	11.32	15.60	33.94	26.73	30.10	40.27	44.84	45.47	31.32	344.71
1942	Wet	35.02	26.52	20.37	35.62	35.48	39.95	34.31	34.61	44.29	44.72	45.32	31.87	428.08
1943	Wet	33.61	31.24	21.50	29.68	34.75	33.89	34.99	35.10	46.27	50.80	51.44	36.08	439.35
1944	Dry	37.72	33.79	24.61	22.04	20.81	14.18	19.94	26.10	34.66	38.49	38.47	22.31	333.12
1945	Below Normal	14.83	12.49	10.35	7.06	8.10	42.13	30.02	36.29	45.69	46.03	46.54	42.09	341.62
1946	Below Normal	30.25	25.01	31.29	32.44	26.00	27.71	30.08	34.70	43.77	44.14	44.75	40.17	410.31
1947	Dry	29.26	23.80	21.90	29.28	28.59	18.72	29.19	35.52	46.02	49.25	54.70	31.86	398.09
1948	Below Normal	24.67	21.65	19.02	16.49	15.94	10.76	16.60	26.16	19.64	49.80	45.13	30.95	296.81
1949	Dry	26.34	19.47	16.13	7.69	8.56	10.92	29.52	35.39	45.73	48.49	56.89	31.91	337.04
1950	Below Normal	25.03	22.00	19.49	7.78	8.12	9.40	23.34	30.46	17.58	50.74	45.75	30.83	290.52
1951	Above Normal	28.55	18.30	17.48	50.62	47.00	52.39	28.01	35.70	45.12	45.44	46.06	32.99	447.66
1952	Wet	30.82	32.28	22.16	34.81	35.48	27.39	21.73	27.92	37.47	42.08	42.69	29.30	384.13
1953	Wet	28.46	33.59	37.85	35.65	34.99	36.92	28.97	32.01	41.09	42.88	41.91	29.21	423.53
1954	Above Normal	26.66	24.25	18.46	22.98	23.65	23.65	25.91	34.01	45.53	49.85	46.28	30.19	371.42
1955	Dry	23.84	23.41	15.58	7.72	9.49	12.55	21.53	28.20	37.47	42.09	45.74	24.72	292.34
1956	Wet	17.27	14.89	12.37	31.18	48.91	53.00	32.24	39.40	50.13	50.52	51.22	36.40	437.53
1957	Above Normal	36.33	35.73	25.07	33.52	32.23	21.89	21.54	23.18	11.91	50.12	44.85	29.68	366.05
1958	Wet	21.08	22.47	15.12	6.65	17.69	43.10	33.74	41.72	50.01	54.57	55.31	38.26	399.72
1959	Below Normal	31.81	45.08	25.91	34.11	33.45	34.22	24.02	31.34	27.15	50.27	45.23	30.25	412.84
1960	Dry	27.51	18.84	15.64	6.57	7.02	9.68	27.75	35.77	40.50	54.14	49.08	34.88	327.38
1961	Dry	25.80	22.56	19.01	9.24	9.97	9.66	23.24	30.31	40.37	45.23	45.14	19.32	299.85
1962	Below Normal	6.79	21.70	24.18	4.07	4.96	12.43	23.53	30.98	19.60	51.20	46.19	31.21	276.84
1963	Wet	22.42	19.47	16.20	14.93	17.85	23.89	29.58	34.31	43.27	43.62	44.23	31.70	341.47
1964	Dry	26.51	23.50	40.98	26.22	19.59	20.39	31.51	35.39	44.56	44.90	53.45	32.69	399.69
1965	Wet	27.50	24.36	22.47	28.65	31.02	25.17	28.70	32.80	40.49	42.74	42.54	30.27	376.71
1966	Below Normal	36.23	23.82	20.08	30.98	32.93	25.76	25.11	32.65	42.18	50.05	44.46	29.11	393.36
1967	Wet	28.29	18.29	9.24	8.81	14.05	19.50	32.38	33.55	44.20	48.69	49.32	34.68	341.00
1968	Below Normal	28.89	43.20	23.58	34.98	35.98	37.25	28.43	32.19	42.61	46.51	43.17	28.75	425.54
1969	Wet	27.62	18.72	16.13	19.24	27.21	31.52	23.72	29.94	40.07	52.21	52.38	33.28	372.04
1970	Wet	32.36	22.54	19.82	53.81	49.40	53.37	28.96	35.61	44.96	45.28	45.88	37.11	469.10
1971	Wet	33.28	25.63	22.53	34.79	34.14	27.97	23.92	31.91	42.33	48.35	43.46	28.19	396.50
1972	Below Normal	25.70	17.64	14.44	7.58	15.20	21.74	26.17	33.36	44.26	48.80	44.71	29.57	329.17
1973	Above Normal	29.01	18.93	16.15	10.94	22.02	28.91	29.11	36.51	46.04	46.29	46.87	33.67	364.45
1974	Wet	28.34	25.14	23.19	35.11	35.19	35.83	33.76	36.79	47.07	47.42	48.07	33.91	429.82
1975	Wet	28.26	40.09	23.04	33.49	32.73	33.61	31.99	36.00	45.33	45.59	46.11	33.21	429.45
1976	Critical	27.91	35.77	22.86	28.99	28.61	18.56	24.07	31.60	29.41	52.26	38.35	32.14	370.53
1977	Critical	23.20	20.24	16.76	6.57	7.06	7.40	8.54	3.86	1.45	3.75	1.50	10.31	110.64
1978	Above Normal	2.36	13.58	23.93	3.97	7.59	19.87	22.14	19.95	37.50	44.37	43.53	30.44	269.23
1979	Below Normal	30.70	31.16	19.55	23.41	23.23	28.90	31.23	35.61	45.15	45.45	45.96	42.48	402.83
1980	Above Normal	27.35	24.20	22.35	29.11	35.55	35.10	21.11	29.42	43.10	52.71	50.37	31.70	402.07
1981	Dry	26.05	22.88	21.02	33.71	33.47	27.65	24.17	32.28	28.23	51.63	50.13	32.10	383.32
1982	Wet	23.09	20.14	16.71	13.90	17.50	52.90	47.06	39.40	52.84	53.39	54.12	37.24	428.29
1983	Wet	30.79	47.78	38.19	31.79	27.65	26.95	16.95	14.19	22.78	39.16	39.62	26.94	362.79
1984	Wet	48.18	47.68	55.09	54.35	51.25	52.37	28.18	35.98	45.33	45.74	46.36	33.29	543.80
1985	Dry	27.93	24.80	31.84	31.31	30.92	30.43	29.49	33.95	42.80	43.06	51.97	31.31	409.81
1986	Wet	26.21	23.25	21.40	27.27	25.77	30.48	32.38	37.97	47.78	48.48	60.63	35.00	416.62
1987	Dry	29.28	26.54	23.75	33.54	32.17	17.97	16.49	21.54	29.14	35.60	25.38	16.66	308.06
1988	Critical	9.10	6.78	6.00	4.11	6.35	6.96	11.89	15.26	20.31	21.76	17.74	11.81	138.07
1989	Dry	6.01	4.66	4.23	2.92	5.58	6.95	26.57	35.26	40.54	54.10	51.72	33.15	271.69
1990	Critical	23.91	20.82	17.33	6.89	7.73	8.69	15.01	19.50	26.34	28.04	22.95	15.09	212.30
1991	Critical	8.06	6.01	5.41	3.78	5.31	6.81	12.07	14.66	15.74	27.33	19.72	13.21	138.11
1992	Critical	6.76	4.63	4.76	3.41	5.10	6.58	11.90	15.19	20.09	12.69	1.45	15.99	108.55
1993	Above Normal	15.79	4.03	18.53	4.23	14.19	20.81	27.82	33.41	35.80	47.21	45.32	31.52	298.66
1994	Critical	28.43	28.26	19.39	19.93	19.43	15.96	22.17	28.83	35.21	43.98	33.40	26.33	321.32
1995	Wet	7.43	16.02	28.66	4.03	12.45	16.67	34.28	39.76	50.66	51.43	52.08	36.59	350.06
1996	Wet	36.75	36.64	25.03	18.28	21.36	25.29	31.53	35.46	44.70	45.04	45.63	32.76	398.47
1997	Wet	40.16	24.39	22.47	34.88	34.80	47.68	30.49	36.37	46.83	47.31	47.96	33.39	446.73
1998	Wet	35.77	29.95	22.44	33.25	35.04	35.88	30.77	36.21	46.98	47.59	48.21	33.20	435.29
1999	Wet	41.45	52.44	32.53	35.41	49.38	39.12	29.29	35.73	45.08	45.53	46.18	39.34	491.48
2000	Above Normal	30.73	24.68	22.68	30.41	30.07	23.92	26.72	34.48	45.75	50.76	46.27	30.56	397.03
2001	Dry	26.47	24.54	16.55	9.98	10.04	9.91	17.35	22.83	31.02	40.16	27.15	17.73	253.73
2002	Dry	9.71	7.30	6.37	3.94	8.26	12.97	31.84	35.56	44.52	44.92	51.73	32.85	289.97
2003	Above Normal	27.67	19.38	27.89	6.04	9.28	13.11	22.14	28.97	19.92	47.40	42.71	28.85	293.36
	Average	24.96	23.38	19.75	19.75	21.73	24.48	25.37	30.70	37.84	44.34	42.63	29.28	344.21
	Wet	29.02	27.70	22.96	27.26	30.81	35.60	30.16	34.33	44.28	47.07	47.82	33.48	410.49
	Above Normal	26.48	23.29	22.46	19.34	22.43	24.41	25.96	31.62	38.35	47.91	45.71	31.20	359.18
	Below Normal	25.19	25.98	20.37	19.65	20.81	27.15	26.40	32.96	37.00	48.59	46.23	33.79	364.12
	Dry	22.12	19.35	17.28	15.36	15.85	16.04	24.19	30.89	38.43	45.20	45.39	27.49	317.60
	Critical	18.60	17.14	13.09	10.58	11.23	10.02	15.00	18.96	23.48	28.58	19.99	15.66	202.35

Difference in Energy Use (GWh) At Pumping Plant at SWP Dos Amigos: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.00	0.00
1923	Below Normal	0.86	(0.95)	0.01	0.00	0.00	(0.05)	(0.01)	0.01	0.01	0.04	0.01	0.00	(0.01)
1924	Critical	(0.13)	(0.02)	(0.03)	(0.19)	(0.18)	(0.14)	(0.24)	(0.33)	(0.47)	(0.32)	(0.41)	(0.26)	(0.23)
1925	Dry	(0.16)	(0.10)	(0.09)	(0.07)	(0.06)	(1.67)	0.08	0.11	0.14	0.16	(0.76)	0.10	(0.19)
1926	Dry	0.07	0.06	0.05	0.01	(0.01)	(0.03)	(0.05)	(0.08)	(0.11)	(0.12)	0.44	(0.07)	0.01
1927	Wet	(0.06)	(0.04)	(0.04)	0.00	(0.07)	0.01	0.04	0.04	0.05	0.05	0.05	0.04	0.01
1928	Above Normal	0.03	(0.15)	0.03	0.03	0.02	0.00	(0.02)	0.01	0.02	0.04	0.02	(0.01)	0.00
1929	Critical	(0.02)	(0.01)	(0.03)	(0.09)	(0.08)	(0.03)	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.03	(0.02)
1930	Dry	(0.02)	(0.01)	(0.01)	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.06	0.00	0.00
1931	Critical	0.00	0.00	(0.01)	0.00	0.01	0.01	0.03	0.03	0.05	0.07	0.04	0.13	0.03
1932	Dry	0.04	(0.06)	(0.02)	(0.01)	0.00	0.02	0.02	0.03	0.02	0.05	0.08	0.05	0.02
1933	Critical	0.06	0.06	0.06	0.01	0.01	(0.07)	(0.10)	(0.12)	(0.15)	(0.21)	(0.26)	(0.18)	(0.07)
1934	Critical	(0.19)	(0.19)	(0.10)	(0.11)	(0.04)	0.03	0.07	0.09	0.14	0.16	0.28	(0.04)	0.01
1935	Below Normal	(1.13)	0.68	0.52	0.01	0.01	0.00	(0.13)	(0.18)	(0.80)	(0.19)	(0.15)	(0.06)	(0.12)
1936	Below Normal	(0.01)	(0.03)	(0.02)	0.02	0.06	(0.50)	(0.01)	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	(0.05)
1937	Below Normal	(0.01)	(0.01)	0.00	0.01	(10.06)	0.88	(0.34)	(0.32)	(0.33)	(0.33)	(0.36)	(0.32)	(0.93)
1938	Wet	(0.33)	(0.30)	(0.28)	(13.40)	0.10	0.91	0.41	(7.36)	(5.56)	(5.11)	(6.13)	(0.28)	(3.11)
1939	Dry	(1.22)	4.20	(0.22)	(0.30)	(0.34)	(1.17)	(2.03)	0.61	2.79	0.02	(0.90)	0.22	0.14
1940	Above Normal	0.30	(3.40)	1.81	(0.95)	(0.84)	(0.27)	(0.01)	(0.01)	(0.05)	(0.02)	(0.01)	0.00	(0.29)
1941	Wet	0.05	0.46	(0.01)	0.01	0.00	(1.04)	0.00	0.00	0.00	0.01	0.00	0.00	(0.04)
1942	Wet	(0.12)	(0.15)	0.00	(0.01)	(0.03)	(0.07)	(0.20)	(0.25)	(0.39)	(0.39)	(0.39)	(0.22)	(0.19)
1943	Wet	(0.15)	(0.20)	(0.13)	0.21	(0.11)	0.37	0.37	(0.22)	(0.39)	(0.40)	(0.42)	(0.20)	(0.11)
1944	Dry	(0.41)	0.08	(0.11)	(2.99)	(2.69)	(0.91)	(0.06)	(0.07)	(0.07)	(0.11)	(0.29)	(0.10)	(0.64)
1945	Below Normal	(0.12)	(0.13)	(0.11)	(0.04)	(0.02)	(4.78)	0.04	0.04	0.05	0.04	0.05	(0.40)	(0.45)
1946	Below Normal	0.12	0.03	0.30	0.00	0.00	0.09	0.13	0.15	0.19	0.19	0.20	0.51	0.16
1947	Dry	(0.51)	0.11	0.10	0.17	0.03	(0.03)	(0.09)	0.01	0.07	0.18	0.13	(0.03)	0.01
1948	Below Normal	(0.10)	(0.10)	(0.12)	(0.41)	(0.37)	(0.13)	0.02	0.45	(0.01)	0.09	0.08	0.04	(0.05)
1949	Dry	(0.01)	0.01	0.02	0.00	0.01	(0.02)	(0.02)	0.00	0.02	0.05	0.04	0.00	0.01
1950	Below Normal	(0.02)	(0.03)	(0.03)	(0.25)	(0.22)	(0.08)	(0.01)	(0.01)	(0.02)	0.02	0.01	(0.02)	(0.06)
1951	Above Normal	(0.03)	0.00	(0.23)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.17)	(1.23)	(1.27)	(1.41)	(1.14)	(0.52)
1953	Wet	(0.33)	(1.50)	2.05	(0.37)	(0.43)	(2.58)	(4.54)	(0.19)	(0.14)	(0.50)	(0.13)	0.12	(0.71)
1954	Above Normal	0.32	(0.06)	0.41	1.31	1.24	1.01	0.18	0.25	1.06	0.09	0.26	0.13	0.52
1955	Dry	0.03	0.25	0.08	0.07	0.00	(0.03)	(0.16)	(0.22)	(0.29)	(0.33)	(0.32)	(0.19)	(0.09)
1956	Wet	(0.15)	(0.13)	(0.11)	(6.93)	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	(0.60)
1957	Above Normal	0.01	0.03	0.02	0.00	(0.01)	(0.01)	0.01	0.08	0.00	(0.11)	(0.06)	0.04	0.00
1958	Wet	0.06	0.06	0.05	0.00	0.00	(0.05)	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1959	Below Normal	0.00	(0.53)	0.00	0.00	(0.03)	(0.92)	(0.58)	(0.78)	(4.34)	(0.51)	(0.44)	(0.10)	(0.69)
1960	Dry	(0.11)	(0.03)	(0.06)	(0.09)	(0.09)	0.06	0.10	0.01	0.82	(0.35)	0.72	(0.46)	0.04
1961	Dry	(0.24)	(0.21)	(0.12)	0.44	0.39	0.16	0.05	0.07	0.09	0.11	0.28	0.00	0.08
1962	Below Normal	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1964	Dry	0.00	0.00	(0.09)	0.00	0.00	0.06	(0.01)	(0.02)	(0.02)	(0.02)	0.00	(0.01)	(0.01)
1965	Wet	(0.01)	(0.01)	(0.01)	0.10	0.06	(0.19)	(0.01)	0.03	(0.32)	0.18	0.12	0.07	0.00
1966	Below Normal	0.03	(0.62)	0.02	(0.17)	(0.17)	(0.08)	0.00	0.01	(0.01)	0.02	0.01	0.00	(0.08)
1967	Wet	(0.17)	0.00	(0.01)	(0.03)	(0.01)	0.00	0.01	(0.09)	(0.14)	(0.15)	(0.15)	(0.08)	(0.07)
1968	Below Normal	(0.06)	(0.05)	(1.09)	(0.07)	(0.07)	0.00	(0.37)	0.02	0.38	1.06	0.34	(0.15)	(0.01)
1969	Wet	(0.59)	(0.57)	(0.71)	(5.40)	0.80	(0.01)	(0.14)	(0.16)	(0.20)	0.00	0.00	(0.15)	(0.59)
1970	Wet	(0.10)	(0.12)	(0.12)	0.00	0.78	(0.02)	(0.29)	0.06	0.08	0.08	0.07	0.30	0.06
1971	Wet	0.15	(0.30)	0.04	0.00	0.00	(0.07)	(0.06)	(0.07)	(0.45)	(0.05)	(0.05)	0.00	(0.07)
1972	Below Normal	0.01	(0.03)	0.00	0.02	0.03	0.01	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	(0.01)	0.00
1973	Above Normal	0.01	0.00	0.00	0.03	0.03	0.06	(0.05)	0.01	0.01	0.01	0.00	0.01	0.01
1974	Wet	0.00	0.01	0.01	0.00	(0.02)	(1.22)	0.79	(0.66)	(1.02)	(1.04)	(1.06)	(0.58)	(0.40)
1975	Wet	(0.43)	(0.84)	(0.36)	(0.60)	(0.31)	(1.01)	0.35	0.40	0.51	0.51	0.52	0.37	(0.07)
1976	Critical	0.34	0.40	0.28	0.31	0.24	0.03	(0.16)	(0.21)	(0.19)	0.00	(0.37)	(0.29)	0.03
1977	Critical	(0.23)	(0.21)	(0.18)	(0.02)	(0.02)	(0.01)	0.77	0.02	0.01	0.00	(0.02)	0.00	0.01
1978	Above Normal	0.00	0.23	(0.07)	0.00	0.01	(0.57)	(0.63)	0.07	0.68	1.88	0.58	(0.24)	0.16
1979	Below Normal	(0.94)	(1.91)	(1.28)	(4.67)	(7.75)	(9.30)	2.62	(0.06)	(0.21)	(0.23)	(0.23)	0.00	(2.00)
1980	Above Normal	0.06	0.07	0.06	(1.14)	(0.04)	1.84	(1.49)	(1.16)	(1.28)	9.40	(10.41)	(2.56)	(0.55)
1981	Dry	(1.04)	(0.88)	(0.76)	0.29	(0.28)	2.92	0.54	0.78	4.38	0.50	(0.83)	0.37	0.50
1982	Wet	0.28	0.24	0.22	0.07	0.07	(0.02)	0.00	0.01	0.01	0.01	0.01	0.00	0.08
1983	Wet	(6.03)	6.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(7.50)	1.66	0.02	0.02	0.02	(0.63)	0.02	(0.53)
1987	Dry	0.02	0.72	0.01	0.01	0.01	0.01	(0.55)	(0.75)	(1.06)	(1.19)	(0.93)	(0.58)	(0.36)
1988	Critical	(0.37)	(0.30)	(0.22)	(0.09)	(0.04)	(0.02)	0.00	0.00	0.00	(0.06)	0.00	0.00	(0.09)
1989	Dry	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.03)	(0.03)	(0.16)	(0.02)	(0.78)	0.23	(0.07)
1990	Critical	0.18	0.18	0.13	0.00	(0.01)	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.04
1991	Critical	0.01	0.01	0.01	0.00	0.00	0.00	0.00	(0.24)	0.00	(0.14)	0.25	0.05	0.00
1992	Critical	0.03	(0.24)	0.17	0.10	0.00	0.00	(0.01)	0.00	0.00	(0.33)	(0.21)	0.06	(0.04)
1993	Above Normal	0.03	0.01	0.41	0.00	(0.02)	(0.07)	(0.02)	0.01	(0.24)	0.12	0.08	0.05	0.03
1994	Critical	0.02	(0.05)	0.00	(0.13)	(0.12)	(0.05)	0.00	0.00	0.04	0.00	0.02	(0.01)	(0.02)
1995	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.65	(1.62)	0.00	(14.30)	(12.53)	(5.89)	(0.71)	(0.83)	(1.13)	(1.14)	(1.14)	(0.74)	(3.28)
1997	Wet	(0.51)	(0.56)	(0.55)	(0.07)	(0.05)	0.17	0.18	0.04	0.04	0.04	0.04	0.05	(0.10)
1998	Wet	4.46	(4.65)	0.04	0.15	0.00	(0.03)	(0.03)	(2.41)	(3.52)	(3.61)	(3.68)	(2.13)	(1.28)
1999	Wet	11.55	0.01	0.54	(0.38)	(0.24)	0.00	(1.18)	0.09	0.14	0.13	0.14	0.68	0.96
2000	Above Normal	0.44	(0.80)	0.06	0.12	0.16	(0.24)	(0.17)	(0.01)	0.11	0.33	0.09	(0.07)	0.00
2001	Dry	(0.23)	(0.21)	(0.25)	(0.85)	(0.76)	(0.21)	0.13	0.17	0.25	0.28	0.22	0.14	(0.11)
2002	Dry	0.09	0.06	0.05	0.01	0.02	(0.02)	(0.09)	(0.11)	(0.13)	(0.14)	(0.14)	(0.10)	(0.04)
2003	Above Normal	(0.09)	0.58	(0.73)	0.31	0.28	0.11	0.00	(0.01)	0.00	0.00	(0.01)	(0.01)	0.04
	Average	0.05	(0.09)	(0.01)	(0.61)	(0.41)	(0.39)	(0.07)	(0.18)	(0.15)	(0.03)	(0.34)	(0.10)	(0.20)
	Wet	0.32	(0.16)	0.02	(1.58)	(0.46)	(0.70)	(0.13)	(0.49)	(0.52)	(0.49)	(0.55)	(0.15)	(0.41)
	Above Normal	0.09	(0.29)	0.15	(0.02)	0.07	0.16	(0.18)	(0.06)	0.03	0.98	(0.79)	(0.22)	(0.01)
	Below Normal	(0.10)	(0.26)	(0.13)	(0.40)	(1.33)	(1.06)	0.10	(0.05)	(0.37)	0.01	(0.04)	(0.04)	(0.31)
	Dry	(0.21)	0.22	(0.08)	(0.19)	(0.21)	(0.05)	(0.12)	0.03	0.37	(0.05)	(0.17)	(0.02)	(0.04)
	Critical	(0.03)	(0.03)	0.01	(0.02)	(0.02)	(0.02)	0.03	(0.06)	(0.05)	(0.07)	(0.06)	(0.04)	(0.03)

Percent Difference in Energy Use (GWh) At Pumping Plant at SWP Dos Amigos: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	3%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	-2%	-2%	-1%	-2%	-2%	-2%	-1%	-2%	-2%
1925	Dry	-2%	-2%	-2%	-2%	-1%	-8%	0%	0%	0%	0%	-1%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1927	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1932	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	1%	0%	0%	-1%	-1%	-1%	0%	-1%	-1%	-1%
1934	Critical	-2%	-2%	-1%	-2%	-1%	0%	0%	0%	0%	0%	2%	-1%
1935	Below Normal	-10%	4%	3%	0%	0%	0%	-1%	-1%	-2%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	1%	-1%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	-22%	2%	-1%	-1%	-1%	-1%	-1%	-1%
1938	Wet	-1%	-1%	-1%	-28%	0%	2%	2%	-18%	-11%	-9%	-11%	-1%
1939	Dry	-4%	13%	-1%	-1%	-1%	-3%	-7%	2%	9%	0%	-2%	1%
1940	Above Normal	1%	-21%	7%	-19%	-14%	-2%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	2%	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	-1%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1943	Wet	0%	-1%	-1%	1%	0%	1%	1%	-1%	-1%	-1%	-1%	-1%
1944	Dry	-1%	0%	0%	-12%	-11%	-6%	0%	0%	0%	0%	-1%	0%
1945	Below Normal	-1%	-1%	-1%	-1%	0%	-10%	0%	0%	0%	0%	0%	-1%
1946	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1947	Dry	-2%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	-1%	-2%	-2%	-1%	0%	2%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-3%	-3%	-1%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	-4%	-3%	-3%	-3%	-4%
1953	Wet	-1%	-4%	6%	-1%	-1%	-7%	-14%	-1%	0%	-1%	0%	0%
1954	Above Normal	1%	0%	2%	6%	6%	4%	1%	1%	2%	0%	1%	0%
1955	Dry	0%	1%	1%	1%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-1%	-18%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	-1%	0%	0%	0%	-3%	-2%	-2%	-14%	-1%	-1%	0%
1960	Dry	0%	0%	0%	-1%	-1%	1%	0%	0%	2%	-1%	1%	-1%
1961	Dry	-1%	-1%	-1%	5%	4%	2%	0%	0%	0%	0%	1%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	-1%	0%	0%	0%
1966	Below Normal	0%	-3%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	-4%	0%	0%	0%	-1%	0%	1%	2%	1%	-1%
1969	Wet	-2%	-3%	-4%	-22%	3%	0%	-1%	-1%	0%	0%	0%	0%
1970	Wet	0%	-1%	-1%	0%	2%	0%	-1%	0%	0%	0%	0%	1%
1971	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	-3%	2%	-2%	-2%	-2%	-2%	-2%
1975	Wet	-1%	-2%	-2%	-2%	-1%	-3%	1%	1%	1%	1%	1%	1%
1976	Critical	1%	1%	1%	1%	1%	0%	-1%	-1%	-1%	0%	-1%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	10%	1%	1%	0%	-1%	0%
1978	Above Normal	0%	2%	0%	0%	0%	-3%	-3%	0%	2%	4%	1%	-1%
1979	Below Normal	-3%	-6%	-6%	-17%	-25%	-24%	9%	0%	0%	-1%	0%	0%
1980	Above Normal	0%	0%	0%	-4%	0%	6%	-7%	-4%	-3%	22%	-17%	-7%
1981	Dry	-4%	-4%	-3%	1%	-1%	12%	2%	2%	18%	1%	-2%	1%
1982	Wet	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	-16%	14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-20%	5%	0%	0%	0%	-1%	0%
1987	Dry	0%	3%	0%	0%	0%	0%	-3%	-3%	-4%	-3%	-4%	-3%
1988	Critical	-4%	-4%	-4%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	-1%	1%	0%
1992	Critical	0%	-5%	4%	3%	0%	0%	0%	0%	0%	-3%	-13%	0%
1993	Above Normal	0%	0%	2%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1994	Critical	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	2%	-4%	0%	-44%	-37%	-19%	-2%	-2%	-2%	-2%	-2%	-2%
1997	Wet	-1%	-2%	-2%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1998	Wet	14%	-13%	0%	0%	0%	0%	0%	-6%	-7%	-7%	-7%	-6%
1999	Wet	39%	0%	2%	-1%	0%	0%	-4%	0%	0%	0%	0%	2%
2000	Above Normal	1%	-3%	0%	0%	1%	-1%	-1%	0%	0%	1%	0%	0%
2001	Dry	-1%	-1%	-1%	-8%	-7%	-2%	1%	1%	1%	1%	1%	1%
2002	Dry	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	3%	-3%	5%	3%	1%	0%	0%	0%	0%	0%	0%
	Average	0%	-1%	0%	-2%	-1%	-1%	0%	0%	0%	0%	-1%	0%
	Wet	1%	-1%	0%	-4%	-1%	-2%	0%	-1%	-1%	-1%	-1%	0%
	Above Normal	0%	-2%	1%	-1%	0%	0%	-1%	0%	0%	2%	-1%	-1%
	Below Normal	-1%	-1%	-1%	-2%	-4%	-3%	0%	0%	-1%	0%	0%	0%
	Dry	-1%	1%	0%	-1%	-1%	0%	0%	0%	1%	0%	0%	0%
	Critical	0%	-1%	0%	0%	0%	0%	1%	0%	0%	0%	-1%	0%

Energy Use (GWh) At Pumping Plant at SWP San Luis: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.48	0.00	61.88	47.07	23.57	32.54	0.00	0.00	9.43	23.77	25.16	39.35	263.25
1923	Below Normal	9.58	0.00	29.02	0.00	0.00	0.00	0.00	0.00	0.00	11.86	18.74	34.87	104.07
1924	Critical	15.54	13.57	15.38	27.55	9.44	0.00	0.00	0.00	0.00	49.07	0.00	0.00	130.55
1925	Dry	16.11	28.65	54.99	48.79	28.52	31.08	0.00	0.00	0.00	13.96	0.00	38.27	260.37
1926	Dry	7.44	7.11	14.83	40.54	9.13	0.00	0.00	0.00	0.00	19.49	0.00	2.27	100.81
1927	Wet	0.00	71.98	36.59	26.25	41.86	9.48	0.00	0.00	0.00	19.41	21.34	35.83	262.74
1928	Above Normal	0.00	0.00	74.05	0.00	0.00	35.90	0.00	0.00	0.00	11.04	12.88	30.15	164.02
1929	Critical	4.89	0.00	31.31	0.00	0.00	16.16	0.00	0.00	0.00	0.00	0.00	0.00	52.36
1930	Dry	3.99	4.47	43.99	33.41	27.16	25.43	0.00	0.00	0.00	35.80	0.00	59.05	233.30
1931	Critical	4.93	4.53	4.72	44.04	18.58	0.00	0.00	0.00	0.00	5.17	0.00	0.00	81.97
1932	Dry	0.17	7.78	101.14	50.84	57.80	55.56	0.00	0.00	0.00	35.81	9.21	0.00	318.31
1933	Critical	6.03	5.66	16.05	36.30	73.34	5.65	0.00	0.00	0.00	0.00	0.00	0.00	143.03
1934	Critical	0.00	2.13	54.40	98.47	61.85	6.96	0.00	0.00	0.00	0.00	0.00	0.33	224.14
1935	Below Normal	0.19	8.53	26.99	47.36	29.95	20.66	0.00	0.00	0.00	6.29	15.69	33.37	189.03
1936	Below Normal	8.40	5.98	18.22	22.13	132.31	58.16	0.00	0.00	0.00	17.35	19.13	16.50	298.18
1937	Below Normal	19.08	0.00	69.40	26.04	42.11	0.72	0.00	0.00	0.00	13.63	0.00	0.00	170.98
1938	Wet	25.04	62.22	65.55	34.87	0.10	0.57	0.00	23.88	3.17	3.48	2.82	2.04	223.74
1939	Dry	0.00	0.00	58.50	0.00	0.00	0.00	0.00	0.00	0.00	3.55	0.00	22.34	84.39
1940	Above Normal	0.00	0.00	2.91	23.61	36.36	64.61	0.00	0.00	0.00	1.47	8.46	26.69	164.11
1941	Wet	5.19	0.00	31.34	40.64	105.42	66.48	0.00	0.00	0.00	22.70	23.82	33.42	329.01
1942	Wet	0.00	0.00	29.72	8.71	3.82	0.00	0.00	0.00	0.00	20.38	18.67	20.01	101.31
1943	Wet	0.00	0.00	20.63	35.87	19.47	66.10	0.00	0.00	0.00	5.51	8.15	19.37	175.10
1944	Dry	0.00	0.00	62.21	2.38	6.72	6.33	0.00	0.00	0.00	21.88	7.82	0.00	107.34
1945	Below Normal	2.89	66.17	45.15	44.88	53.55	16.11	0.00	0.00	0.00	17.64	19.02	18.92	284.33
1946	Below Normal	32.36	60.46	32.83	0.00	0.00	0.00	0.00	0.00	0.00	19.05	18.08	24.11	186.89
1947	Dry	26.29	32.70	30.96	0.00	0.00	0.00	0.00	0.00	0.00	8.20	0.00	24.63	122.78
1948	Below Normal	13.74	10.39	0.00	0.00	0.00	14.53	0.00	0.00	0.42	8.33	15.80	28.73	91.94
1949	Dry	6.32	4.80	38.58	39.70	36.91	8.16	0.00	0.00	0.00	9.48	0.00	24.75	168.70
1950	Below Normal	0.00	0.00	0.00	18.89	20.36	34.32	0.00	0.00	0.00	7.31	15.29	29.32	125.49
1951	Above Normal	35.37	71.17	103.02	0.00	0.11	0.71	0.00	0.00	0.00	5.73	12.34	23.56	252.01
1952	Wet	0.00	13.37	20.78	3.15	0.00	81.11	0.00	0.00	13.42	22.02	28.24	30.23	212.32
1953	Wet	0.00	0.00	48.22	0.00	0.00	0.00	0.00	0.00	0.00	16.74	21.14	36.40	122.50
1954	Above Normal	0.00	0.00	78.04	0.00	0.00	8.24	0.00	0.00	0.00	0.52	12.61	27.21	126.62
1955	Dry	5.36	11.90	83.27	45.83	28.80	13.48	0.00	0.00	0.00	21.43	0.00	19.40	229.47
1956	Wet	0.00	30.79	75.94	72.57	0.09	0.71	0.00	0.00	0.00	10.86	11.12	13.05	215.13
1957	Above Normal	0.00	0.00	63.89	0.00	0.00	0.00	0.00	0.00	0.47	3.83	15.06	28.18	111.43
1958	Wet	57.23	12.98	32.82	30.14	29.56	46.94	0.00	0.00	0.00	3.59	4.89	26.59	244.74
1959	Below Normal	0.00	0.00	64.93	0.00	0.00	0.00	0.00	0.00	0.00	5.76	11.79	29.50	111.98
1960	Dry	6.46	4.34	6.58	36.63	19.24	18.49	0.00	0.00	0.00	1.49	0.00	22.58	115.81
1961	Dry	0.00	13.76	71.67	35.06	9.76	35.51	0.00	0.00	0.00	14.15	0.00	0.28	180.19
1962	Below Normal	0.18	0.05	0.00	25.50	34.72	35.59	0.00	0.00	0.00	8.35	13.37	27.12	144.88
1963	Wet	54.15	68.91	28.54	9.16	7.14	9.63	0.00	0.00	0.00	23.70	25.61	39.35	266.19
1964	Dry	13.24	63.20	17.81	0.00	0.10	0.00	0.00	0.00	0.00	14.33	0.00	25.18	133.86
1965	Wet	0.00	0.50	16.67	29.74	0.05	16.76	0.00	0.00	0.00	16.84	18.83	27.82	127.21
1966	Below Normal	0.00	13.32	82.99	0.00	0.00	0.00	0.00	0.00	0.00	6.82	13.62	32.13	148.88
1967	Wet	0.00	20.44	42.50	43.76	26.86	38.18	0.00	0.00	16.54	15.09	17.00	35.89	256.26
1968	Below Normal	11.14	0.00	73.43	0.00	0.00	0.00	0.00	0.00	0.00	12.19	16.20	35.56	148.52
1969	Wet	21.33	25.46	88.80	24.61	0.08	0.65	0.00	12.49	3.12	3.66	3.19	2.21	185.60
1970	Wet	1.16	0.00	31.22	19.08	0.14	0.74	0.00	0.00	0.00	21.03	17.50	0.00	90.87
1971	Wet	0.00	34.42	19.43	0.00	0.00	7.04	0.00	0.00	0.00	9.43	17.35	32.62	120.29
1972	Below Normal	6.38	0.00	83.97	38.56	0.00	0.00	0.00	0.00	0.00	8.34	16.15	34.77	188.17
1973	Above Normal	19.82	67.76	30.26	26.46	23.23	8.39	0.00	0.00	0.00	15.64	16.62	10.38	218.56
1974	Wet	32.39	60.23	30.49	0.00	0.00	29.41	0.00	0.00	0.00	14.30	13.27	21.68	201.77
1975	Wet	12.54	0.00	71.26	0.00	0.00	22.28	0.00	0.00	0.00	13.78	14.94	25.77	160.57
1976	Critical	37.97	0.00	70.87	0.00	0.00	6.27	0.00	0.00	0.00	5.35	0.00	27.36	147.82
1977	Critical	4.55	0.00	0.00	11.30	0.00	0.00	0.00	0.34	0.49	0.48	0.44	0.29	17.89
1978	Above Normal	0.19	0.05	0.01	27.99	52.40	40.45	0.00	0.00	9.28	26.98	28.55	41.89	227.79
1979	Below Normal	2.11	0.00	81.15	5.71	17.93	0.65	0.00	0.00	0.00	19.94	21.90	0.00	149.39
1980	Above Normal	21.75	0.95	77.73	44.92	0.13	0.65	0.00	0.00	0.00	26.18	0.00	0.00	172.31
1981	Dry	5.25	0.00	69.05	0.00	0.00	0.00	0.00	0.00	0.00	5.39	0.00	26.50	106.19
1982	Wet	4.75	58.69	27.28	36.66	100.77	14.95	1.33	0.00	0.00	6.48	7.70	30.73	289.34
1983	Wet	36.83	0.22	0.02	0.00	0.12	0.67	1.24	2.54	2.78	3.50	3.35	2.48	53.75
1984	Wet	1.48	0.35	0.04	0.00	0.10	0.84	0.00	0.00	0.00	14.68	15.85	22.71	56.05
1985	Dry	9.35	58.32	55.62	0.00	0.00	0.00	0.00	0.00	0.00	17.89	0.00	29.79	170.97
1986	Wet	20.15	40.85	29.75	0.00	84.28	39.35	0.00	0.00	0.00	18.74	0.00	33.63	266.75
1987	Dry	0.65	0.00	67.10	0.00	0.00	0.00	0.00	0.00	0.00	3.96	0.00	0.63	72.34
1988	Critical	0.00	0.00	33.06	28.33	0.00	9.52	0.00	0.00	0.00	23.89	0.00	0.00	94.80
1989	Dry	0.00	24.95	37.37	45.99	5.61	3.56	0.00	0.00	0.00	1.94	0.00	27.73	147.15
1990	Critical	5.00	0.00	14.66	33.29	14.70	0.00	0.00	0.00	0.00	36.38	0.00	0.00	104.03
1991	Critical	0.00	0.00	7.76	0.00	6.59	3.55	0.00	0.00	0.42	36.29	0.00	0.00	54.61
1992	Critical	0.00	0.00	8.70	10.09	11.51	19.63	0.00	0.00	0.00	0.00	0.46	0.33	50.72
1993	Above Normal	0.20	0.05	13.19	32.28	31.48	20.58	0.00	0.00	0.00	11.34	15.30	26.52	150.94
1994	Critical	6.55	0.00	72.45	8.85	7.01	2.01	0.00	0.00	0.00	14.72	0.00	0.31	111.90
1995	Wet	0.18	0.03	0.00	30.77	27.27	91.90	0.00	22.33	2.97	4.38	11.27	30.67	221.77
1996	Wet	0.00	0.00	11.28	0.00	51.13	53.87	0.00	0.00	0.00	13.94	14.59	26.53	171.34
1997	Wet	0.00	0.00	76.40	72.50	66.39	28.80	0.00	0.00	0.00	1.40	12.44	29.97	287.90
1998	Wet	0.00	0.00	67.23	0.00	56.46	58.11	0.00	0.00	3.25	7.51	11.46	32.60	236.62
1999	Wet	48.47	0.29	0.00	0.00	8.12	0.56	0.00	0.00	0.00	20.57	22.30	0.00	100.31
2000	Above Normal	0.00	0.00	67.06	0.00	17.07	46.59	0.00	0.00	0.00	3.85	12.35	27.31	174.23
2001	Dry	0.00	0.00	77.48	33.40	23.09	28.26	0.00	0.00	0.00	9.38	0.00	11.64	183.25
2002	Dry	0.00	29.85	51.27	37.23	45.48	15.86	0.00	0.00	0.00	14.51	0.00	24.69	218.89
2003	Above Normal	0.00	0.00	3.76	23.89	30.09	26.40	0.00	0.00	0.00	11.49	19.19	31.89	146.71
	Average	8.42	13.71	40.95	21.00	20.44	17.83	0.03	0.75	0.80	12.96	9.49	20.22	166.61
	Wet	12.34	19.30	34.71	19.94	24.20	26.35	0.10	2.36	1.74	12.84	14.11	23.52	191.51
	Above Normal	6.48	11.67	47.98	18.85	17.87	23.76	0.00	0.00	1.60	11.82	14.88	26.09	181.00
	Below Normal	7.58	11.78	43.43	16.36	23.64	12.91	0.00	0.00	0.03	11.63	15.34	24.64	167.34
	Dry	5.59	16.21	52.36	24.99	16.57	13.43	0.00	0.00	0.00	14.04	0.95	19.99	164.12
	Critical	7.12	2.16	27.45	24.85	16.92	5.81	0.00	0.03	0.08	14.28	0.08	2.39	101.15

Energy Use (GWh) At Pumping Plant at SWP San Luis: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.48	0.00	61.88	47.07	23.61	32.63	0.00	0.00	9.22	23.31	22.70	38.81	259.71
1923	Below Normal	9.42	0.00	29.01	0.00	0.00	0.00	0.00	0.00	0.00	11.67	18.38	33.63	102.11
1924	Critical	15.27	13.23	14.85	28.92	9.57	0.00	0.00	0.00	0.00	37.91	0.00	0.00	119.75
1925	Dry	15.56	26.04	54.22	47.87	27.99	34.26	0.00	0.00	0.00	13.57	0.00	37.54	257.05
1926	Dry	7.44	7.12	14.69	40.52	9.17	0.00	0.00	0.00	0.00	19.56	0.00	4.08	102.58
1927	Wet	0.00	72.05	36.64	26.19	41.88	9.42	0.00	0.00	0.00	19.26	21.21	35.74	262.39
1928	Above Normal	0.00	0.00	73.97	0.00	0.00	35.91	0.00	0.00	0.00	10.90	12.83	30.08	163.69
1929	Critical	4.90	0.00	31.34	0.00	0.00	16.19	0.00	0.00	0.00	0.00	0.00	0.00	52.43
1930	Dry	4.02	4.49	44.01	33.43	27.17	25.44	0.00	0.00	0.00	35.79	0.00	59.02	233.37
1931	Critical	4.92	4.52	4.72	43.97	18.53	0.00	0.00	0.00	0.00	5.74	0.00	0.00	82.40
1932	Dry	0.17	7.82	101.03	50.76	58.46	55.46	0.00	0.00	0.00	35.68	8.21	0.00	317.59
1933	Critical	6.05	5.67	15.89	36.15	70.90	5.82	0.00	0.00	0.00	0.00	0.00	0.00	140.48
1934	Critical	0.00	2.59	54.57	98.94	62.06	6.86	0.00	0.00	0.00	0.00	0.00	0.33	225.35
1935	Below Normal	0.19	7.71	26.24	47.33	29.93	20.63	0.00	0.00	0.00	6.61	15.92	33.51	188.07
1936	Below Normal	8.36	5.95	18.29	22.10	132.24	57.22	0.00	0.00	0.00	17.02	18.79	15.91	295.88
1937	Below Normal	18.72	0.00	67.83	0.80	67.69	0.72	0.00	0.00	0.00	13.84	0.00	0.00	169.60
1938	Wet	24.86	60.64	42.63	47.69	8.73	0.57	0.00	0.00	10.95	14.96	16.05	23.97	251.05
1939	Dry	0.00	0.00	53.07	0.00	0.00	0.00	0.00	0.00	0.00	3.50	0.00	22.09	78.66
1940	Above Normal	0.00	0.00	0.01	25.56	38.24	65.82	0.00	0.00	0.00	1.46	8.42	26.62	166.13
1941	Wet	5.21	0.00	31.03	40.52	102.43	68.61	0.00	0.00	0.00	22.56	23.71	33.29	327.36
1942	Wet	0.00	0.00	29.67	2.79	2.08	0.00	0.00	0.00	0.00	19.75	18.82	26.55	99.66
1943	Wet	0.00	0.00	21.00	16.79	18.35	63.70	0.00	0.00	0.00	5.39	8.01	17.65	150.89
1944	Dry	0.00	0.00	54.12	9.43	13.25	8.63	0.00	0.00	0.00	22.03	9.17	0.00	116.63
1945	Below Normal	3.05	66.99	45.50	45.11	45.91	20.61	0.00	0.00	0.00	17.53	18.86	19.65	283.21
1946	Below Normal	32.57	60.16	32.01	0.00	0.00	0.00	0.00	0.00	0.00	18.62	17.77	23.20	184.33
1947	Dry	26.08	32.49	30.65	0.00	0.00	0.00	0.00	0.00	0.00	7.97	0.00	24.60	121.79
1948	Below Normal	13.83	10.45	0.00	0.00	0.00	14.80	0.00	0.00	0.42	8.22	15.70	28.66	92.08
1949	Dry	6.32	4.81	38.53	39.71	36.89	8.22	0.00	0.00	0.00	9.41	0.00	24.73	168.62
1950	Below Normal	0.00	0.00	0.00	19.36	20.78	34.45	0.00	0.00	0.00	7.28	15.28	29.34	126.49
1951	Above Normal	35.39	71.18	103.00	0.00	0.11	0.71	0.00	0.00	0.00	5.74	12.34	23.56	252.03
1952	Wet	0.00	13.38	20.78	2.54	0.00	80.56	0.00	0.00	1.96	23.67	29.92	40.43	213.24
1953	Wet	0.00	0.00	43.86	0.00	0.00	0.00	0.00	0.00	0.00	17.76	22.01	38.75	122.38
1954	Above Normal	0.00	0.00	78.16	0.00	0.00	6.17	0.00	0.00	0.00	0.39	12.29	26.99	124.00
1955	Dry	5.39	11.72	83.00	45.59	28.72	13.54	0.00	0.00	0.00	22.00	0.00	18.30	228.26
1956	Wet	0.00	31.03	61.03	87.23	0.08	0.71	0.00	0.00	0.00	10.82	11.07	13.40	215.37
1957	Above Normal	0.00	0.00	63.87	0.00	0.00	0.00	0.00	0.00	0.47	3.95	15.13	28.16	111.58
1958	Wet	57.19	12.87	32.70	30.13	29.56	47.04	0.00	0.00	0.00	3.52	4.82	26.26	244.09
1959	Below Normal	0.00	0.00	64.20	0.00	0.00	0.00	0.00	0.00	0.00	6.36	12.33	29.74	112.63
1960	Dry	6.37	4.23	6.40	36.93	19.50	18.42	0.00	0.00	0.00	1.90	0.00	23.13	116.88
1961	Dry	0.00	14.09	72.06	34.19	8.86	35.19	0.00	0.00	0.00	14.04	0.00	0.28	178.71
1962	Below Normal	0.18	0.05	0.00	25.50	34.72	35.59	0.00	0.00	0.00	8.35	13.37	27.12	144.88
1963	Wet	54.15	68.91	28.54	9.16	7.13	9.61	0.00	0.00	0.00	23.69	25.61	39.34	266.14
1964	Dry	13.25	63.21	17.80	0.00	0.10	0.00	0.00	0.00	0.00	14.36	0.00	25.21	133.93
1965	Wet	0.00	0.52	16.72	28.41	0.00	16.94	0.00	0.00	0.00	16.53	18.64	27.72	125.48
1966	Below Normal	0.00	13.26	82.93	0.00	0.00	0.00	0.00	0.00	0.00	6.81	13.60	32.11	148.71
1967	Wet	0.15	20.45	42.51	43.85	26.89	38.10	0.00	0.00	9.48	14.74	16.47	34.33	246.97
1968	Below Normal	9.71	0.00	74.75	0.00	0.00	0.00	0.00	0.00	0.00	10.69	15.35	34.33	144.83
1969	Wet	15.09	26.56	88.83	27.61	14.76	0.65	0.00	22.81	3.11	3.65	3.18	2.21	208.46
1970	Wet	1.16	0.00	31.68	18.37	0.14	0.74	0.00	0.00	0.00	22.11	17.39	0.00	91.59
1971	Wet	0.00	34.29	19.32	0.00	0.00	7.18	0.00	0.00	0.00	9.49	17.40	32.69	120.37
1972	Below Normal	6.37	0.00	84.01	38.51	0.00	0.00	0.00	0.00	0.00	8.37	16.17	34.81	188.24
1973	Above Normal	19.84	67.78	30.26	26.38	23.16	8.23	0.00	0.00	0.00	15.39	16.37	10.28	217.69
1974	Wet	31.83	59.47	30.07	0.00	0.00	11.11	0.00	0.00	0.00	14.28	14.08	28.98	189.82
1975	Wet	14.12	0.00	72.20	0.00	0.00	24.82	0.00	0.00	0.00	13.25	14.37	25.36	164.12
1976	Critical	38.55	0.00	70.32	0.00	0.00	6.18	0.00	0.00	0.00	5.35	0.00	27.76	148.16
1977	Critical	4.62	0.00	0.00	11.27	0.00	0.00	0.00	0.34	0.49	0.48	0.44	0.29	17.93
1978	Above Normal	0.19	0.05	0.01	27.99	46.74	31.88	0.00	0.00	0.00	20.03	20.92	33.94	181.75
1979	Below Normal	3.58	0.00	79.91	15.73	34.67	22.00	0.00	0.00	0.00	20.14	20.68	8.43	205.14
1980	Above Normal	34.29	3.39	78.48	10.03	8.15	0.65	0.00	0.00	0.00	7.30	0.00	0.00	142.29
1981	Dry	8.67	0.00	72.92	0.00	0.00	0.00	0.00	0.00	0.00	4.79	0.00	26.06	112.44
1982	Wet	4.86	57.83	26.76	36.39	98.75	18.80	1.33	0.00	0.00	6.31	7.51	30.06	288.60
1983	Wet	51.10	0.21	0.02	0.00	0.12	0.67	1.24	2.54	2.78	3.50	3.35	2.48	68.01
1984	Wet	1.48	0.35	0.04	0.00	0.10	0.84	0.00	0.00	0.00	14.68	15.85	22.73	56.07
1985	Dry	9.35	58.31	55.61	0.00	0.00	0.00	0.00	0.00	0.00	17.89	0.00	29.79	170.95
1986	Wet	20.15	40.85	29.75	0.00	47.07	77.99	0.00	0.00	0.00	18.38	0.00	16.01	250.20
1987	Dry	0.00	0.00	66.47	0.00	0.00	0.00	0.00	0.00	0.00	3.72	0.00	1.36	71.55
1988	Critical	0.00	0.31	33.21	28.54	0.00	9.58	0.00	0.00	0.00	24.00	0.00	0.00	95.64
1989	Dry	0.00	24.99	37.43	46.02	5.63	3.59	0.00	0.00	0.00	1.98	0.00	27.46	147.10
1990	Critical	4.99	0.00	14.88	33.28	14.69	0.00	0.00	0.00	0.00	36.33	0.00	0.00	104.17
1991	Critical	0.00	0.00	7.75	0.00	6.57	3.54	0.00	0.00	0.42	36.48	0.00	0.00	54.76
1992	Critical	0.00	0.00	8.51	9.85	11.47	19.56	0.00	0.00	0.00	0.00	0.46	0.33	50.18
1993	Above Normal	0.20	0.05	12.70	32.24	31.53	20.68	0.00	0.00	0.00	11.18	15.20	26.43	150.21
1994	Critical	6.50	0.00	72.42	9.12	7.26	2.11	0.00	0.00	0.00	14.73	0.00	0.31	112.45
1995	Wet	0.18	0.03	0.00	30.74	27.21	90.95	0.00	0.00	0.00	3.94	8.71	23.80	185.56
1996	Wet	0.00	0.00	8.94	8.37	76.15	63.13	0.00	0.00	0.00	14.97	15.86	27.61	215.03
1997	Wet	0.00	0.00	77.58	72.71	66.57	23.27	0.00	0.00	0.00	10.15	12.45	30.98	293.71
1998	Wet	0.00	0.00	67.14	0.00	56.26	57.71	0.00	0.00	10.36	14.69	18.68	37.27	262.11
1999	Wet	25.59	0.29	0.00	0.00	5.70	0.56	0.00	0.00	0.00	20.35	22.06	0.00	74.55
2000	Above Normal	0.00	0.00	66.85	0.00	15.75	46.10	0.00	0.00	0.00	3.41	12.18	27.08	171.37
2001	Dry	0.00	0.00	74.65	35.17	24.83	28.76	0.00	0.00	0.00	11.68	0.00	11.44	186.53
2002	Dry	0.00	29.55	51.11	37.11	45.34	15.86	0.00	0.00	0.00	14.66	0.00	26.31	219.94
2003	Above Normal	0.00	0.00	4.81	23.29	29.52	26.17	0.00	0.00	0.00	11.49	19.20	31.90	146.38
	Average	8.44	13.68	40.18	20.65	20.97	18.44	0.03	0.31	0.61	12.85	9.58	20.52	166.25
	Wet	11.81	19.22	33.06	20.37	24.23	27.45	0.10	0.98	1.49	13.94	14.89	24.52	192.05
	Above Normal	7.53	11.87	47.83	16.05	18.07	22.91	0.00	0.00	0.81	9.55	13.97	25.32	173.90
	Below Normal	7.57	11.76	43.19	15.32	26.14	14.72	0.00	0.00	0.03	11.54	15.16	25.03	170.44
	Dry	5.70	16.05	51.54	25.37	17.00	13.74	0.00	0.00	0.00	14.14	0.97	20.08	164.59
	Critical	7.15	2.19	27.37	25.00	16.75	5.82	0.00	0.03	0.08	13.42	0.08	2.42	100.31

Difference in Energy Use (GWh) At Pumping Plant at SWP San Luis: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.04	0.09	0.00	0.00	(0.21)	(0.46)	(2.46)	(0.54)	(0.30)
1923	Below Normal	(0.16)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.19)	(0.36)	(1.24)	(0.16)
1924	Critical	(0.27)	(0.34)	(0.53)	1.37	0.13	0.00	0.00	0.00	0.00	(11.16)	0.00	0.00	(0.90)
1925	Dry	(0.55)	(2.61)	(0.77)	(0.92)	(0.53)	3.18	0.00	0.00	0.00	(0.39)	0.00	(0.73)	(0.28)
1926	Dry	0.00	0.01	(0.14)	(0.02)	0.04	0.00	0.00	0.00	0.00	0.07	0.00	1.81	0.15
1927	Wet	0.00	0.07	0.05	(0.06)	0.02	(0.06)	0.00	0.00	0.00	(0.15)	(0.13)	(0.09)	(0.03)
1928	Above Normal	0.00	0.00	(0.08)	0.00	0.00	0.01	0.00	0.00	0.00	(0.14)	(0.05)	(0.07)	(0.03)
1929	Critical	0.01	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1930	Dry	0.03	0.02	0.02	0.02	0.01	0.01	0.00	0.00	0.00	(0.01)	0.00	(0.03)	0.01
1931	Critical	(0.01)	(0.01)	0.00	(0.07)	(0.05)	0.00	0.00	0.00	0.00	0.57	0.00	0.00	0.04
1932	Dry	0.00	0.04	(0.11)	(0.08)	0.66	(0.10)	0.00	0.00	0.00	(0.13)	(1.00)	0.00	(0.06)
1933	Critical	0.02	0.01	(0.16)	(0.15)	(2.44)	0.17	0.00	0.00	0.00	0.00	0.00	0.00	(0.21)
1934	Critical	0.00	0.46	0.17	0.47	0.21	(0.10)	0.00	0.00	0.00	0.00	0.00	0.00	0.10
1935	Below Normal	0.00	(0.82)	(0.75)	(0.03)	(0.02)	(0.03)	0.00	0.00	0.00	0.32	0.23	0.14	(0.08)
1936	Below Normal	(0.04)	(0.03)	0.07	(0.03)	(0.07)	(0.94)	0.00	0.00	0.00	(0.33)	(0.34)	(0.59)	(0.19)
1937	Below Normal	(0.36)	0.00	(1.57)	(25.24)	25.58	0.00	0.00	0.00	0.00	0.21	0.00	0.00	(0.12)
1938	Wet	(0.18)	(1.58)	(22.92)	12.82	8.63	0.00	0.00	(23.88)	7.78	11.48	13.23	21.93	2.28
1939	Dry	0.00	0.00	(5.43)	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	0.00	(0.25)	(0.48)
1940	Above Normal	0.00	0.00	(2.90)	1.95	1.88	1.21	0.00	0.00	0.00	(0.01)	(0.04)	(0.07)	0.17
1941	Wet	0.02	0.00	(0.31)	(0.12)	(2.99)	2.13	0.00	0.00	0.00	(0.14)	(0.11)	(0.13)	(0.14)
1942	Wet	0.00	0.00	(0.05)	(5.92)	(1.74)	0.00	0.00	0.00	0.00	(0.63)	0.15	6.54	(0.14)
1943	Wet	0.00	0.00	0.37	(19.08)	(1.12)	(2.40)	0.00	0.00	0.00	(0.12)	(0.14)	(1.72)	(2.02)
1944	Dry	0.00	0.00	(8.09)	7.05	6.53	2.30	0.00	0.00	0.00	0.15	1.35	0.00	0.77
1945	Below Normal	0.16	0.82	0.35	0.23	(7.64)	4.50	0.00	0.00	0.00	(0.11)	(0.16)	0.73	(0.09)
1946	Below Normal	0.21	(0.30)	(0.82)	0.00	0.00	0.00	0.00	0.00	0.00	(0.43)	(0.31)	(0.91)	(0.21)
1947	Dry	(0.21)	(0.21)	(0.31)	0.00	0.00	0.00	0.00	0.00	0.00	(0.23)	0.00	(0.03)	(0.08)
1948	Below Normal	0.09	0.06	0.00	0.00	0.00	0.27	0.00	0.00	0.00	(0.11)	(0.10)	(0.07)	0.01
1949	Dry	0.00	0.01	(0.05)	0.01	(0.02)	0.06	0.00	0.00	0.00	(0.07)	0.00	(0.02)	(0.01)
1950	Below Normal	0.00	0.00	0.00	0.47	0.42	0.13	0.00	0.00	0.00	(0.03)	(0.01)	0.02	0.08
1951	Above Normal	0.02	0.01	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1952	Wet	0.00	0.01	0.00	(0.61)	0.00	(0.55)	0.00	0.00	(11.46)	1.65	1.68	10.20	0.08
1953	Wet	0.00	0.00	(4.36)	0.00	0.00	0.00	0.00	0.00	0.00	1.02	0.87	2.35	(0.01)
1954	Above Normal	0.00	0.00	0.12	0.00	0.00	(2.07)	0.00	0.00	0.00	(0.13)	(0.32)	(0.22)	(0.22)
1955	Dry	0.03	(0.18)	(0.27)	(0.24)	(0.08)	0.06	0.00	0.00	0.00	0.57	0.00	(1.10)	(0.10)
1956	Wet	0.00	0.24	(14.91)	14.66	(0.01)	0.00	0.00	0.00	0.00	(0.04)	(0.05)	0.35	0.02
1957	Above Normal	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.07	(0.02)	0.01
1958	Wet	(0.04)	(0.11)	(0.12)	(0.01)	0.00	0.10	0.00	0.00	0.00	(0.07)	(0.07)	(0.33)	(0.05)
1959	Below Normal	0.00	0.00	(0.73)	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.54	0.24	0.05
1960	Dry	(0.09)	(0.11)	(0.18)	0.30	0.26	(0.07)	0.00	0.00	0.00	0.41	0.00	0.55	0.09
1961	Dry	0.00	0.33	0.39	(0.87)	(0.90)	(0.32)	0.00	0.00	0.00	(0.11)	0.00	0.00	(0.12)
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	(0.01)	(0.02)	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00
1964	Dry	0.01	0.01	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.01
1965	Wet	0.00	0.02	0.05	(1.33)	(0.05)	0.18	0.00	0.00	0.00	(0.31)	(0.19)	(0.10)	(0.14)
1966	Below Normal	0.00	(0.06)	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.02)	(0.01)
1967	Wet	0.15	0.01	0.01	0.09	0.03	(0.08)	0.00	0.00	(7.06)	(0.35)	(0.53)	(1.56)	(0.77)
1968	Below Normal	(1.43)	0.00	1.32	0.00	0.00	0.00	0.00	0.00	0.00	(1.50)	(0.85)	(1.23)	(0.31)
1969	Wet	(6.24)	1.10	0.03	3.00	14.68	0.00	0.00	10.32	(0.01)	(0.01)	(0.01)	0.00	1.91
1970	Wet	0.00	0.00	0.46	(0.71)	0.00	0.00	0.00	0.00	0.00	1.08	(0.11)	0.00	0.06
1971	Wet	0.00	(0.13)	(0.11)	0.00	0.00	0.14	0.00	0.00	0.00	0.06	0.05	0.07	0.01
1972	Below Normal	(0.01)	0.00	0.04	(0.05)	0.00	0.00	0.00	0.00	0.00	0.03	0.02	0.04	0.01
1973	Above Normal	0.02	0.02	0.00	(0.08)	(0.07)	(0.16)	0.00	0.00	0.00	(0.25)	(0.25)	(0.10)	(0.07)
1974	Wet	(0.56)	(0.76)	(0.42)	0.00	0.00	(18.30)	0.00	0.00	0.00	(0.02)	0.81	7.30	(1.00)
1975	Wet	1.58	0.00	0.94	0.00	0.00	2.54	0.00	0.00	0.00	(0.53)	(0.57)	(0.41)	0.30
1976	Critical	0.58	0.00	(0.55)	0.00	0.00	(0.09)	0.00	0.00	0.00	0.00	0.00	0.40	0.03
1977	Critical	0.07	0.00	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	(5.66)	(8.57)	0.00	0.00	(9.28)	(6.95)	(7.63)	(7.95)	(3.84)
1979	Below Normal	1.47	0.00	(1.24)	10.02	16.74	21.35	0.00	0.00	0.00	0.20	(1.22)	8.43	4.65
1980	Above Normal	12.54	2.44	0.75	(34.89)	8.02	0.00	0.00	0.00	0.00	(18.88)	0.00	0.00	(2.50)
1981	Dry	3.42	0.00	3.87	0.00	0.00	0.00	0.00	0.00	0.00	(0.60)	0.00	(0.44)	0.52
1982	Wet	0.11	(0.86)	(0.52)	(0.27)	(2.02)	3.85	0.00	0.00	0.00	(0.17)	(0.19)	(0.67)	(0.06)
1983	Wet	14.27	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.19
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
1985	Dry	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	(37.21)	38.64	0.00	0.00	0.00	(0.36)	0.00	(17.62)	(1.38)
1987	Dry	(0.65)	0.00	(0.63)	0.00	0.00	0.00	0.00	0.00	0.00	(0.24)	0.00	0.73	(0.07)
1988	Critical	0.00	0.31	0.15	0.21	0.00	0.06	0.00	0.00	0.00	0.11	0.00	0.00	0.07
1989	Dry	0.00	0.04	0.06	0.03	0.02	0.03	0.00	0.00	0.00	0.04	0.00	(0.27)	0.00
1990	Critical	(0.01)	0.00	0.22	(0.01)	(0.01)	0.00	0.00	0.00	0.00	(0.05)	0.00	0.00	0.01
1991	Critical	0.00	0.00	(0.01)	0.00	(0.02)	(0.01)	0.00	0.00	0.00	0.19	0.00	0.00	0.01
1992	Critical	0.00	0.00	(0.19)	(0.24)	(0.04)	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1993	Above Normal	0.00	0.00	(0.49)	(0.04)	0.05	0.10	0.00	0.00	0.00	(0.16)	(0.10)	(0.09)	(0.06)
1994	Critical	(0.05)	0.00	(0.03)	0.27	0.25	0.10	0.00	0.00	0.00	0.01	0.00	0.00	0.05
1995	Wet	0.00	0.00	0.00	(0.03)	(0.06)	(0.95)	0.00	(22.33)	(2.97)	(0.44)	(2.56)	(6.87)	(3.02)
1996	Wet	0.00	0.00	(2.34)	8.37	25.02	9.26	0.00	0.00	0.00	1.03	1.27	1.08	3.64
1997	Wet	0.00	0.00	1.18	0.21	0.18	(5.53)	0.00	0.00	0.00	8.75	0.01	1.01	0.48
1998	Wet	0.00	0.00	(0.09)	0.00	(0.20)	(0.40)	0.00	0.00	7.11	7.18	7.22	4.67	2.12
1999	Wet	(22.88)	0.00	0.00	0.00	(2.42)	0.00	0.00	0.00	0.00	(0.22)	(0.24)	0.00	(2.15)
2000	Above Normal	0.00	0.00	(0.21)	0.00	(1.32)	(0.49)	0.00	0.00	0.00	(0.44)	(0.17)	(0.23)	(0.24)
2001	Dry	0.00	0.00	(2.83)	1.77	1.74	0.50	0.00	0.00	0.00	2.30	0.00	(0.20)	0.27
2002	Dry	0.00	(0.30)	(0.16)	(0.12)	(0.14)	0.00	0.00	0.00	0.00	0.15	0.00	1.62	0.09
2003	Above Normal	0.00	0.00	1.05	(0.60)	(0.57)	(0.23)	0.00	0.00	0.00	0.00	0.01	0.01	(0.03)
	Average	0.01	(0.03)	(0.78)	(0.35)	0.53	0.60	0.00	(0.44)	(0.20)	(0.10)	0.09	0.30	(0.03)
	Wet	(0.53)	(0.08)	(1.66)	0.42	0.03	1.10	0.00	(1.38)	(0.25)	1.10	0.78	1.00	0.05
	Above Normal	1.05	0.21	(0.15)	(2.81)	0.20	(0.84)	0.00	0.00	(0.79)	(2.27)	(0.91)	(0.77)	(0.59)
	Below Normal	(0.00)	(0.02)	(0.24)	(1.05)	2.50	1.81	0.00	0.00	0.00	(0.10)	(0.18)	0.40	0.26
	Dry	0.11	(0.16)	(0.81)	0.39	0.42	0.31	0.00	0.00	0.00	0.11	0.02	0.09	0.04
	Critical	0.03	0.04	(0.08)	0.15	(0.16)	0.01	0.00	0.00	0.00	(0.86)	0.00	0.03	(0.07)

Percent Difference in Energy Use (GWh) At Pumping Plant at SWP San Luis: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-2%	-2%	-10%	-1%
1923	Below Normal	-2%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	-2%	-4%
1924	Critical	-2%	-3%	-3%	5%	1%	0%	0%	0%	0%	-23%	0%	0%
1925	Dry	-3%	-9%	-1%	-2%	-2%	10%	0%	0%	0%	-3%	0%	-2%
1926	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	80%
1927	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	-1%	-1%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	11%	0%	0%
1932	Dry	0%	1%	0%	0%	1%	0%	0%	0%	0%	0%	-11%	0%
1933	Critical	0%	0%	-1%	0%	-3%	3%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	22%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	-10%	-3%	0%	0%	0%	0%	0%	0%	5%	1%	0%
1936	Below Normal	0%	-1%	0%	0%	0%	-2%	0%	0%	0%	-2%	-2%	-4%
1937	Below Normal	-2%	0%	-2%	-97%	61%	0%	0%	0%	0%	2%	0%	0%
1938	Wet	-1%	-3%	-35%	37%	>1,000%	0%	0%	-100%	245%	330%	469%	>1,000%
1939	Dry	0%	0%	-9%	0%	0%	0%	0%	0%	0%	-1%	0%	-1%
1940	Above Normal	0%	0%	-100%	8%	5%	2%	0%	0%	0%	-1%	0%	0%
1941	Wet	0%	0%	-1%	0%	-3%	3%	0%	0%	0%	-1%	0%	0%
1942	Wet	0%	0%	0%	-68%	-46%	0%	0%	0%	0%	-3%	1%	33%
1943	Wet	0%	0%	2%	-53%	-6%	-4%	0%	0%	0%	-2%	-2%	-9%
1944	Dry	0%	0%	-13%	296%	97%	36%	0%	0%	0%	1%	17%	0%
1945	Below Normal	6%	1%	1%	1%	-14%	28%	0%	0%	0%	-1%	-1%	4%
1946	Below Normal	1%	0%	-2%	0%	0%	0%	0%	0%	0%	-2%	-2%	-4%
1947	Dry	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	-3%	0%	0%
1948	Below Normal	1%	1%	0%	0%	0%	2%	0%	0%	0%	-1%	-1%	0%
1949	Dry	0%	0%	0%	0%	0%	1%	0%	0%	0%	-1%	0%	0%
1950	Below Normal	0%	0%	0%	2%	2%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-19%	0%	-1%	0%	0%	-85%	7%	6%	34%
1953	Wet	0%	0%	-9%	0%	0%	0%	0%	0%	0%	6%	4%	6%
1954	Above Normal	0%	0%	0%	0%	0%	-25%	0%	0%	0%	-25%	-3%	-1%
1955	Dry	1%	-2%	0%	-1%	0%	0%	0%	0%	0%	3%	0%	-6%
1956	Wet	0%	1%	-20%	20%	-11%	0%	0%	0%	0%	0%	0%	3%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%
1958	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	-2%	-1%	-1%
1959	Below Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	10%	5%	1%
1960	Dry	-1%	-3%	-3%	1%	1%	0%	0%	0%	0%	28%	0%	2%
1961	Dry	0%	2%	1%	-2%	-9%	-1%	0%	0%	0%	-1%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	4%	0%	-4%	-100%	1%	0%	0%	0%	-2%	-1%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	-	0%	0%	0%	0%	0%	0%	0%	-43%	-2%	-3%	-4%
1968	Below Normal	-13%	0%	2%	0%	0%	0%	0%	0%	0%	-12%	-5%	-3%
1969	Wet	-29%	4%	0%	12%	>1,000%	0%	0%	83%	0%	0%	0%	0%
1970	Wet	0%	0%	1%	-4%	0%	0%	0%	0%	0%	5%	-1%	0%
1971	Wet	0%	0%	-1%	0%	0%	2%	0%	0%	0%	1%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	-2%	0%	0%	0%	-2%	-2%	-1%
1974	Wet	-2%	-1%	-1%	0%	0%	-62%	0%	0%	0%	0%	6%	34%
1975	Wet	13%	0%	1%	0%	0%	11%	0%	0%	0%	-4%	-4%	-2%
1976	Critical	2%	0%	-1%	0%	0%	-1%	0%	0%	0%	0%	0%	1%
1977	Critical	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	-11%	-21%	0%	0%	-100%	-26%	-27%	-19%
1979	Below Normal	70%	0%	-2%	175%	93%	>1,000%	0%	0%	0%	1%	-6%	-
1980	Above Normal	58%	257%	1%	-78%	>1,000%	0%	0%	0%	0%	-72%	0%	0%
1981	Dry	65%	0%	6%	0%	0%	0%	0%	0%	0%	-11%	0%	-2%
1982	Wet	2%	-1%	-2%	-1%	-2%	26%	0%	0%	0%	-3%	-2%	-2%
1983	Wet	39%	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-44%	98%	0%	0%	0%	-2%	0%	-52%
1987	Dry	-100%	0%	-1%	0%	0%	0%	0%	0%	0%	-6%	0%	116%
1988	Critical	0%	-	0%	1%	0%	1%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	1%	0%	0%	0%	2%	0%	-1%
1990	Critical	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1992	Critical	0%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	-4%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%
1994	Critical	-1%	0%	0%	3%	4%	5%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-1%	0%	-100%	-100%	-10%	-23%	-22%
1996	Wet	0%	0%	-21%	-	49%	17%	0%	0%	0%	7%	9%	4%
1997	Wet	0%	0%	2%	0%	0%	-19%	0%	0%	0%	625%	0%	3%
1998	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	219%	96%	63%	14%
1999	Wet	-47%	0%	0%	0%	-30%	0%	0%	0%	0%	-1%	-1%	0%
2000	Above Normal	0%	0%	0%	0%	-8%	-1%	0%	0%	0%	-11%	-1%	-1%
2001	Dry	0%	0%	-4%	5%	8%	2%	0%	0%	0%	25%	0%	-2%
2002	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	1%	0%	7%
2003	Above Normal	0%	0%	28%	-3%	-2%	-1%	0%	0%	0%	0%	0%	0%
	Average	1%	3%	-2%	3%	0%	1%	0%	-1%	2%	11%	6%	2%
	Wet	-1%	0%	-3%	-3%	-7%	3%	0%	-5%	9%	40%	20%	1%
	Above Normal	5%	21%	-6%	-6%	-1%	-4%	0%	0%	-9%	-11%	-4%	-2%
	Below Normal	4%	-1%	-1%	6%	10%	2%	0%	0%	0%	0%	-1%	-1%
	Dry	-2%	-1%	-2%	17%	5%	3%	0%	0%	0%	2%	0%	11%
	Critical	0%	2%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%

Energy Use (GWh) At Pumping Plant at System Total: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	1,086.48	905.48	858.83	275.77	377.66	621.50	662.96	649.71	774.11	803.41	836.53	768.90	8,621.34
1923	Below Normal	624.09	544.11	538.68	933.53	902.10	889.84	607.77	679.71	721.02	848.85	875.77	795.13	8,960.60
1924	Critical	586.56	517.98	429.61	385.59	345.62	267.46	344.64	413.66	417.80	568.76	371.22	326.79	4,975.69
1925	Dry	217.89	199.33	229.71	191.95	198.09	528.68	566.24	732.78	764.07	913.89	856.29	841.93	6,240.85
1926	Dry	578.63	520.82	433.95	285.85	251.89	304.21	451.99	636.00	672.95	813.78	745.27	657.10	6,352.44
1927	Wet	468.12	584.02	415.06	242.26	384.06	673.05	704.96	700.49	763.59	855.56	888.08	816.94	7,496.19
1928	Above Normal	656.56	586.68	682.03	812.85	777.11	576.88	712.02	699.72	751.19	830.39	867.84	801.56	8,754.83
1929	Critical	654.82	561.06	583.78	747.33	696.34	431.25	322.70	391.41	379.65	378.19	339.61	293.04	5,779.18
1930	Dry	171.37	131.54	198.47	152.56	215.57	281.15	495.73	573.29	594.54	742.19	617.67	666.94	4,841.02
1931	Critical	360.76	303.66	237.97	245.28	219.14	216.84	390.56	466.60	478.99	545.35	426.94	368.85	4,260.94
1932	Dry	202.69	180.25	353.45	221.65	301.03	388.54	483.36	564.27	565.59	751.30	682.69	557.73	5,252.55
1933	Critical	411.90	361.54	306.05	242.18	335.11	280.58	443.74	546.08	556.70	585.40	516.27	454.44	5,039.99
1934	Critical	278.15	223.55	280.76	336.19	275.52	241.49	415.32	506.17	512.82	511.84	75.65	38.80	3,696.26
1935	Below Normal	294.87	588.32	491.35	233.24	245.47	314.05	630.51	730.93	483.12	969.07	984.25	892.12	6,857.30
1936	Below Normal	630.03	561.29	475.20	255.95	517.73	943.34	655.49	729.05	791.15	883.28	917.61	811.56	8,171.68
1937	Below Normal	727.63	613.01	688.69	889.01	1,035.54	958.02	646.28	705.18	786.96	853.53	843.40	717.06	9,464.31
1938	Wet	705.86	713.95	647.48	1,060.57	974.40	1,085.41	618.31	820.60	827.39	810.97	877.60	710.54	9,853.08
1939	Dry	620.63	513.75	619.33	930.26	874.74	1,026.96	708.55	714.59	311.37	954.95	697.73	953.20	8,926.06
1940	Above Normal	679.79	402.00	709.65	188.65	235.12	501.67	632.21	737.84	665.82	929.34	950.39	860.21	7,492.69
1941	Wet	604.65	518.32	495.99	394.25	607.78	1,087.87	548.70	614.65	679.65	765.83	803.00	716.99	7,837.68
1942	Wet	553.41	461.22	498.64	962.71	934.36	1,083.62	786.22	657.36	724.81	802.55	835.46	735.27	9,035.63
1943	Wet	611.80	511.08	522.70	890.56	964.39	1,012.57	752.15	725.45	781.36	869.16	910.08	823.15	9,374.45
1944	Dry	681.00	571.56	684.79	703.93	665.94	437.06	499.62	576.25	603.75	746.08	689.66	564.59	7,424.23
1945	Below Normal	401.48	497.69	361.94	292.59	325.11	1,062.81	650.50	700.01	747.87	854.27	885.77	789.82	7,569.86
1946	Below Normal	729.82	714.63	772.50	876.38	640.55	707.75	663.93	663.12	707.21	816.18	848.24	763.02	8,903.33
1947	Dry	681.24	626.84	558.21	807.62	796.80	504.13	692.62	736.52	768.99	895.15	865.90	830.59	8,764.61
1948	Below Normal	656.18	583.01	468.63	486.93	433.07	347.61	423.35	517.44	109.94	973.53	984.35	889.12	6,873.16
1949	Dry	628.16	557.97	518.48	301.76	308.86	320.25	684.32	722.36	761.41	885.09	845.39	823.47	7,357.52
1950	Below Normal	595.56	544.50	470.98	244.02	253.98	333.90	574.12	659.10	86.69	960.44	970.23	875.43	6,568.95
1951	Above Normal	679.78	683.06	718.68	1,013.90	893.54	1,055.47	601.71	684.09	743.37	809.95	865.10	779.42	9,528.07
1952	Wet	643.08	615.74	556.91	958.56	933.93	857.60	574.35	613.77	701.90	744.95	790.26	687.84	8,678.89
1953	Wet	540.43	452.65	836.41	930.17	908.42	1,061.96	814.13	648.65	675.64	800.47	829.53	761.32	9,259.78
1954	Above Normal	555.61	465.45	592.36	607.65	614.29	629.37	633.36	726.72	748.96	850.02	933.20	842.22	8,199.21
1955	Dry	589.44	543.58	586.50	314.28	319.41	374.12	536.65	614.25	613.99	794.98	708.35	680.82	6,676.37
1956	Wet	459.44	477.64	483.26	984.07	926.88	1,072.05	687.81	749.46	836.12	895.18	934.01	825.02	9,330.94
1957	Above Normal	702.60	595.20	705.69	935.17	863.52	583.81	537.46	459.22	81.92	924.60	934.93	844.35	8,168.47
1958	Wet	699.27	530.30	470.25	245.27	509.03	1,048.62	717.26	773.48	854.17	895.03	938.33	858.35	8,539.36
1959	Below Normal	714.61	604.47	706.50	907.78	889.43	976.61	613.98	700.49	370.55	941.27	953.08	865.21	9,243.98
1960	Dry	618.35	543.45	434.14	276.20	243.98	310.70	662.92	775.51	555.56	990.09	747.09	974.72	7,132.71
1961	Dry	672.85	672.27	668.08	333.32	293.82	342.45	571.25	655.58	647.98	834.86	638.47	434.13	6,765.06
1962	Below Normal	114.86	612.31	703.72	169.42	204.14	412.48	582.16	668.75	89.15	970.14	981.62	885.30	6,394.05
1963	Wet	735.14	690.40	493.79	418.32	477.52	636.96	654.10	657.75	706.65	814.47	849.51	782.02	7,916.63
1964	Dry	645.06	684.42	770.31	733.85	489.42	493.70	698.05	683.33	700.20	832.89	791.58	791.09	8,313.90
1965	Wet	636.88	578.84	553.33	838.94	818.56	704.46	648.64	637.89	673.85	792.93	823.84	749.51	8,457.67
1966	Below Normal	580.00	561.17	637.40	861.09	885.40	684.76	612.99	696.53	678.17	870.19	896.15	812.58	8,776.43
1967	Wet	562.40	545.01	471.33	344.34	546.12	702.23	722.10	717.79	842.88	853.87	892.19	819.26	8,019.52
1968	Below Normal	680.98	560.20	701.58	929.19	914.26	999.20	696.57	665.09	692.32	823.58	849.85	778.89	9,291.71
1969	Wet	606.44	549.12	591.29	735.09	904.95	1,008.59	626.80	735.56	764.19	784.62	839.70	711.92	8,858.27
1970	Wet	669.76	467.31	543.49	1,047.28	972.42	1,105.32	638.08	683.04	727.43	838.77	868.58	716.57	9,278.05
1971	Wet	636.77	654.49	555.28	928.37	899.96	796.93	593.24	690.03	726.43	865.59	888.43	802.30	9,037.82
1972	Below Normal	553.34	445.13	559.55	291.45	397.26	560.36	635.78	703.35	734.26	875.32	898.27	816.73	7,470.80
1973	Above Normal	610.80	651.56	473.06	363.48	625.69	778.35	634.77	704.36	768.10	853.85	888.00	765.97	8,117.99
1974	Wet	732.15	720.30	591.29	949.38	899.58	1,042.87	719.36	696.32	768.14	844.71	881.31	790.89	9,636.30
1975	Wet	689.22	552.77	668.86	935.24	896.69	966.31	709.93	694.01	769.34	837.84	869.54	797.94	9,387.69
1976	Critical	735.78	544.10	667.42	796.78	766.79	532.28	609.47	701.37	305.83	937.16	678.17	924.45	8,199.60
1977	Critical	654.67	559.02	443.70	222.49	196.64	200.82	178.05	56.72	31.15	41.28	36.66	64.45	2,685.65
1978	Above Normal	17.94	125.93	494.08	178.96	308.36	610.41	653.13	636.10	743.48	795.12	824.71	757.79	6,146.01
1979	Below Normal	599.64	517.19	633.61	812.13	913.52	808.25	611.03	677.75	717.27	825.10	857.88	710.96	8,684.33
1980	Above Normal	670.51	562.93	656.61	936.35	952.00	1,029.54	585.27	650.17	738.15	814.06	813.93	626.65	9,036.17
1981	Dry	623.72	500.68	628.37	916.34	901.51	679.32	592.83	690.38	173.22	970.03	869.23	907.54	8,453.17
1982	Wet	636.32	694.51	503.64	449.24	638.53	1,125.97	826.83	734.35	829.53	870.02	913.26	836.74	9,058.94
1983	Wet	822.70	682.67	1,003.85	945.29	901.36	1,004.61	523.57	544.73	656.17	680.73	634.34	590.60	8,990.62
1984	Wet	678.72	623.28	1,066.79	1,013.32	1,004.63	1,091.94	607.80	692.61	738.42	842.31	877.74	784.76	10,022.32
1985	Dry	672.79	710.74	832.21	839.15	846.76	789.11	667.29	663.74	698.10	807.34	763.97	766.09	9,057.29
1986	Wet	657.36	636.09	548.35	754.72	894.24	1,144.02	673.87	726.72	795.81	870.71	856.57	829.27	9,387.73
1987	Dry	674.61	554.76	679.17	932.97	891.57	518.92	438.74	550.90	563.47	607.65	481.18	444.68	7,338.62
1988	Critical	228.24	176.83	226.73	176.87	162.68	220.90	314.33	362.31	356.35	465.10	318.58	293.26	3,302.18
1989	Dry	138.63	177.56	179.66	173.46	153.29	203.32	659.39	765.26	610.43	979.82	896.18	921.61	5,858.61
1990	Critical	656.01	574.14	496.57	277.46	252.45	245.66	378.15	460.37	462.01	612.07	411.47	384.06	5,210.42
1991	Critical	190.89	143.15	144.89	99.43	157.46	203.58	318.69	349.82	243.31	560.63	365.71	325.17	3,102.73
1992	Critical	169.15	118.65	133.55	114.91	163.55	230.63	309.58	358.64	376.56	51.52	35.06	297.71	2,359.51
1993	Above Normal	400.23	41.89	531.30	195.76	425.08	582.83	640.59	674.13	528.31	874.22	901.19	819.25	6,614.78
1994	Critical	638.55	520.45	629.38	596.35	569.45	451.96	549.45	630.43	523.03	821.96	248.06	669.01	6,848.08
1995	Wet	139.26	426.55	842.63	182.99	370.60	662.48	760.73	856.81	870.24	879.51	924.17	848.51	7,764.48
1996	Wet	674.66	601.94	582.52	867.44	1,021.84	927.15	721.34	705.34	768.88	845.88	879.58	804.98	9,401.55
1997	Wet	633.80	545.91	691.14	1,100.74	1,044.18	1,157.08	632.95	660.91	720.91	785.81	845.61	774.70	9,593.74
1998	Wet	597.03	525.45	634.89	914.30	1,030.62	1,069.36	670.74	697.42	803.19	820.50	864.85	788.12	9,416.47
1999	Wet	772.50	750.30	645.57	944.83	974.00	993.34	673.78	684.28	745.05	841.70	878.10	715.16	9,618.61
2000	Above Normal	629.40	535.08	661.67	832.51	870.38	753.22	652.09	733.11	775.79	893.51	922.75	835.36	9,094.87
2001	Dry	582.26	494.34	597.86	388.07	357.60	345.80	443.83	530.85	563.75	629.75	486.33	480.20	5,900.64
2002	Dry	228.61	252.45	257.97	178.69	305.34	387.09	712.70	694.45	734.20	844.98	771.15	797.80	6,165.43
2003	Above Normal	596.87	384.28	714.68	189.27	290.43	408.32	545.08	626.49	118.15	917.68	926.24	837.00	6,554.49
	Average	562.81	512.64	557.74	581.39	607.15	670.87	595.65	642.95	615.27	796.89	765.64	714.08	7,623.09
	Wet	621.81	581.15	612.11	770.70	824.58	966.25	677.22	696.90	759.68	827.30	861.30	772.26	8,971.25
	Above Normal	607.21	494.96	649.89	544.19	602.77	677.61	624.22	665.14	619.78	858.01	888.73	794.89	8,027.41
	Below Normal	564.51	567.65	586.45	584.48	611.25	714.21	614.60	678.32	551.12	890.34	910.46	814.50	8,087.89
	Dry	512.66	468.68	512.81	482.33	467.53	457.53	587.00	660.02	605.75	833.05	730.79	727.46	7,045.62
	Critical	463.79	383.68	381.70	353.41	345.06	293.62	381.22	436.97	387.02	506.61	318.62	370.00	4,621.69

Energy Use (GWh) At Pumping Plant at System Total: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	1,086.48	905.48	858.83	275.77	377.77	621.72	663.00	649.76	773.95	803.01	834.14	768.41	8,618.32
1923	Below Normal	624.84	543.12	538.71	938.58	902.44	888.77	607.74	680.16	718.65	849.30	875.97	794.37	8,962.65
1924	Critical	585.89	517.38	428.63	383.98	341.48	263.92	338.83	406.00	409.57	541.91	364.04	320.22	4,901.85
1925	Dry	213.49	193.38	226.93	189.12	196.13	507.08	568.10	735.03	768.68	915.98	856.79	843.43	6,214.14
1926	Dry	580.70	522.71	435.21	286.13	251.69	303.58	450.98	633.67	671.15	811.93	741.20	659.94	6,348.89
1927	Wet	466.71	582.78	414.05	242.28	382.53	673.07	705.78	701.31	764.46	856.28	888.84	817.64	7,495.73
1928	Above Normal	657.34	587.22	682.61	813.66	777.58	576.96	711.81	700.18	751.61	830.96	868.35	801.92	8,760.20
1929	Critical	654.67	560.94	583.43	745.00	694.26	430.55	322.72	391.11	379.48	378.01	339.45	293.96	5,773.58
1930	Dry	170.84	131.28	198.29	152.37	215.56	281.13	495.71	573.27	594.53	742.15	617.56	666.85	4,839.54
1931	Critical	360.66	303.55	237.90	245.17	219.29	217.13	391.14	467.37	479.81	547.55	427.66	372.61	4,269.84
1932	Dry	203.74	178.55	352.52	221.23	302.46	388.92	483.80	564.41	565.58	751.65	681.83	558.71	5,253.40
1933	Critical	413.71	363.57	307.38	242.42	331.02	279.14	441.68	544.48	555.44	583.51	511.92	450.55	5,024.82
1934	Critical	273.25	218.88	278.40	333.37	274.70	241.93	417.05	508.46	515.27	514.25	82.47	38.51	3,696.54
1935	Below Normal	255.01	608.25	506.37	233.40	245.67	314.18	627.32	726.96	462.15	967.72	983.31	891.29	6,821.63
1936	Below Normal	629.33	560.77	475.14	256.22	518.87	932.66	655.16	728.78	790.87	882.67	916.94	810.36	8,157.77
1937	Below Normal	727.00	612.76	686.89	842.24	1,051.24	1,051.28	637.47	689.64	785.74	844.19	829.57	707.96	9,465.98
1938	Wet	696.26	703.73	597.06	1,034.77	980.61	1,066.70	622.28	681.72	786.14	807.77	849.26	747.61	9,573.91
1939	Dry	615.79	512.42	604.60	930.21	875.42	1,003.57	643.83	725.68	384.49	953.97	685.56	952.32	8,887.86
1940	Above Normal	675.27	290.56	753.12	169.06	218.19	497.02	631.97	737.56	664.47	929.22	950.24	860.05	7,376.73
1941	Wet	604.62	518.78	495.61	394.22	602.39	1,058.19	548.68	612.90	679.05	765.70	802.91	716.88	7,799.93
1942	Wet	553.83	461.08	498.60	951.08	931.12	1,083.40	783.43	655.26	722.45	799.45	832.76	748.12	9,020.58
1943	Wet	610.01	508.16	521.64	861.49	962.73	1,024.81	766.38	724.51	774.46	868.09	908.39	819.94	9,350.61
1944	Dry	683.53	571.05	676.43	625.91	595.94	413.08	498.43	575.50	603.25	744.85	690.41	562.48	7,240.86
1945	Below Normal	398.42	494.96	359.40	291.80	310.36	982.50	651.34	700.91	748.80	855.08	886.55	791.94	7,472.06
1946	Below Normal	731.35	717.55	776.77	876.38	640.85	709.93	666.63	665.96	710.23	818.75	851.08	764.50	8,929.98
1947	Dry	683.15	629.16	560.19	812.27	797.83	503.38	691.75	738.16	770.45	897.42	868.25	832.15	8,784.16
1948	Below Normal	655.62	582.48	467.08	476.27	423.46	344.36	423.79	530.51	109.76	973.74	984.70	889.35	6,861.12
1949	Dry	628.47	558.31	518.65	301.65	309.00	319.83	684.19	722.89	761.90	885.78	846.01	823.95	7,360.63
1950	Below Normal	594.63	544.42	470.64	238.89	249.41	332.46	574.02	658.98	86.64	960.28	970.07	875.30	6,555.74
1951	Above Normal	679.66	682.97	711.74	1,013.90	901.31	1,055.47	601.71	684.09	743.37	809.95	865.10	779.41	9,528.68
1952	Wet	643.08	615.78	556.91	956.70	934.07	857.02	571.62	584.80	653.10	721.56	762.67	685.05	8,542.36
1953	Wet	514.30	430.55	861.09	924.61	904.77	988.92	681.09	638.00	672.04	794.67	824.34	757.41	8,991.79
1954	Above Normal	552.57	466.17	597.11	640.75	645.68	650.67	637.34	733.65	776.23	846.32	936.08	844.62	8,327.19
1955	Dry	592.12	545.74	588.09	316.00	319.57	373.39	532.81	609.57	609.14	790.39	703.09	672.93	6,652.84
1956	Wet	455.71	474.44	449.72	886.54	926.90	1,072.26	688.30	749.93	836.61	895.62	934.47	826.34	9,196.84
1957	Above Normal	703.07	595.63	706.06	933.56	863.33	583.52	537.73	461.36	81.11	924.81	935.16	844.45	8,169.79
1958	Wet	699.48	530.40	470.36	245.29	509.05	1,048.07	714.18	768.33	850.09	894.97	938.26	858.02	8,526.50
1959	Below Normal	714.61	603.95	705.77	907.73	889.28	955.59	600.51	684.25	264.11	944.53	954.25	866.95	9,091.53
1960	Dry	618.45	540.71	433.46	273.67	241.74	311.81	663.96	774.13	581.29	982.51	769.10	958.84	7,149.67
1961	Dry	664.66	663.64	662.51	343.85	303.15	346.12	572.43	657.03	649.47	836.34	646.13	433.58	6,778.91
1962	Below Normal	115.26	612.26	703.50	169.43	204.14	412.48	582.17	668.76	89.16	970.15	981.63	885.31	6,394.25
1963	Wet	735.15	690.41	493.80	418.32	477.51	636.94	654.10	657.74	706.65	814.46	849.50	782.01	7,916.59
1964	Dry	645.08	684.42	770.27	733.82	489.18	495.21	697.75	683.03	699.88	832.60	791.37	790.84	8,313.45
1965	Wet	636.83	578.59	553.14	839.15	820.11	700.68	648.84	639.16	663.37	796.20	827.04	752.44	8,455.55
1966	Below Normal	582.09	562.35	638.71	856.79	881.17	682.80	613.02	696.67	677.55	870.41	896.41	812.79	8,770.76
1967	Wet	562.91	545.10	471.37	343.54	545.72	702.06	719.33	711.70	827.74	852.62	890.55	816.88	7,989.52
1968	Below Normal	677.75	559.59	675.71	926.36	914.20	1,001.93	696.68	674.61	700.62	836.32	861.86	787.11	9,312.74
1969	Wet	592.34	548.05	583.99	582.01	931.60	1,023.95	614.41	750.71	760.19	780.89	835.91	708.26	8,712.31
1970	Wet	666.83	464.23	540.70	1,035.87	974.54	1,104.23	629.69	684.24	728.71	841.13	869.79	716.95	9,256.91
1971	Wet	638.03	655.10	556.15	928.34	890.39	795.80	592.03	688.47	714.30	866.07	888.68	802.47	9,015.83
1972	Below Normal	553.42	445.21	559.63	292.05	397.79	560.43	635.64	703.00	733.91	874.92	897.93	816.46	7,470.39
1973	Above Normal	610.72	651.48	473.04	364.24	626.32	779.99	633.36	704.50	768.25	853.75	887.91	765.99	8,119.55
1974	Wet	731.28	719.66	590.98	951.99	903.06	970.46	749.78	690.64	761.72	837.97	874.43	802.10	9,584.07
1975	Wet	683.21	547.45	665.90	920.59	889.47	939.58	717.43	701.56	777.33	845.24	877.30	804.98	9,370.04
1976	Critical	742.84	551.04	673.06	805.17	773.15	533.29	605.83	696.96	303.91	931.41	681.06	917.44	8,215.16
1977	Critical	648.12	553.16	438.88	221.62	196.06	200.61	201.59	56.50	31.73	41.27	36.22	63.87	2,689.63
1978	Above Normal	17.51	133.91	492.60	178.97	296.69	580.77	644.75	650.41	732.01	817.75	842.20	769.60	6,157.17
1979	Below Normal	598.52	513.81	620.75	703.14	723.22	802.47	692.63	684.28	721.85	829.52	860.65	739.04	8,489.88
1980	Above Normal	702.86	572.72	662.06	837.88	968.03	1,056.84	557.67	625.20	711.94	756.90	752.66	650.24	8,855.00
1981	Dry	599.60	477.55	612.17	932.81	899.69	748.93	605.33	706.48	280.69	966.34	840.35	913.74	8,583.68
1982	Wet	650.58	699.64	508.07	451.35	638.01	1,133.10	826.93	727.77	820.57	869.97	913.19	836.17	9,075.35
1983	Wet	792.60	739.19	1,008.27	945.29	901.36	1,004.61	523.57	544.73	656.17	680.73	634.34	590.60	9,021.46
1984	Wet	678.72	623.28	1,066.45	1,013.32	1,004.74	1,092.01	607.84	692.64	738.45	842.33	877.77	784.84	10,022.39
1985	Dry	672.82	710.77	832.27	839.14	846.75	789.09	667.30	663.75	698.11	807.35	763.97	766.10	9,057.42
1986	Wet	657.37	636.10	548.35	754.72	823.31	975.16	723.66	726.48	794.61	870.70	878.99	792.27	9,181.72
1987	Dry	679.25	560.09	678.56	932.97	891.62	519.13	425.54	533.52	544.92	585.40	464.67	431.02	7,246.69
1988	Critical	218.87	169.60	221.92	174.33	161.06	220.55	314.34	362.33	356.37	465.36	318.59	293.28	3,276.60
1989	Dry	138.64	177.61	179.64	173.38	153.16	203.14	658.82	764.55	606.25	979.77	871.37	928.21	5,834.54
1990	Critical	661.95	579.19	501.47	277.30	252.38	245.67	378.23	460.47	462.12	612.13	411.57	384.14	5,226.62
1991	Critical	190.93	143.19	144.90	99.43	157.43	203.54	318.62	342.45	243.36	562.94	367.41	326.52	3,100.72
1992	Critical	169.87	111.28	138.63	117.17	163.50	230.54	309.55	358.60	376.52	50.81	36.05	295.54	2,358.06
1993	Above Normal	398.36	38.74	537.84	195.52	424.52	581.47	640.53	674.85	520.51	876.51	903.34	821.31	6,613.50
1994	Critical	639.78	521.50	629.92	593.10	566.64	450.74	549.32	630.46	524.06	821.80	248.07	668.61	6,844.00
1995	Wet	144.09	424.23	842.46	182.93	370.51	661.49	756.84	767.05	850.45	879.07	921.61	841.64	7,642.37
1996	Wet	672.48	597.60	580.18	467.63	685.90	772.49	703.51	686.75	752.96	832.33	866.10	793.30	8,411.23
1997	Wet	621.86	534.00	681.96	1,097.80	1,051.96	1,148.42	638.03	661.19	720.48	807.79	847.00	777.05	9,587.54
1998	Wet	602.79	521.96	636.00	918.91	1,034.35	1,066.10	667.67	667.67	783.01	799.03	839.40	768.29	9,305.18
1999	Wet	787.09	719.10	655.40	945.97	976.46	940.42	641.18	685.54	746.42	842.86	879.37	714.47	9,534.28
2000	Above Normal	630.95	535.33	662.41	835.62	871.96	746.96	650.47	736.12	778.42	897.67	926.43	838.33	9,110.67
2001	Dry	580.61	492.82	587.01	367.55	339.44	340.74	446.89	534.87	568.06	639.83	490.00	483.30	5,871.12
2002	Dry	230.72	253.83	258.91	178.93	305.70	386.78	710.65	692.38	732.01	842.96	768.86	798.74	6,160.47
2003	Above Normal	594.88	402.50	693.97	195.62	296.15	410.43	544.99	626.40	118.11	917.58	926.12	836.90	6,563.65
	Average	561.32	510.86	556.40	568.39	599.24	663.49	593.94	638.92	613.28	795.41	763.57	714.37	7,579.19
	Wet	619.16	579.59	609.55	742.10	809.74	943.84	672.95	684.65	751.60	825.52	858.19	771.61	8,868.48
	Above Normal	609.14	488.56	652.62	537.88	605.63	678.49	621.28	665.34	618.33	855.37	885.64	798.44	8,016.70
	Below Normal	561.28	568.68	584.65	572.09	596.58	712.27	618.87	678.11	542.86	891.26	910.78	816.62	8,054.03
	Dry	511.20	466.89	509.76	478.39	463.00	457.50	583.24	660.44	616.10	831.51	727.58	726.51	7,032.13
	Critical	463.38	382.77	382.04	353.17	344.25	293.13	382.41	435.43	386.47	504.25	318.71	368.77	4,614.79

Difference in Energy Use (GWh) At Pumping Plant at System Total: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.11	0.22	0.04	0.05	(0.16)	(0.40)	(2.39)	(0.49)	(0.25)
1923	Below Normal	0.75	(0.99)	0.03	5.05	0.34	(1.07)	(0.03)	0.45	(2.37)	0.45	0.20	(0.76)	0.17
1924	Critical	(0.67)	(0.60)	(0.98)	(1.61)	(4.14)	(3.54)	(5.81)	(7.66)	(8.23)	(26.85)	(7.18)	(6.57)	(6.15)
1925	Dry	(4.40)	(5.95)	(2.78)	(2.83)	(1.96)	(21.60)	1.86	2.25	4.61	2.09	0.50	1.50	(2.23)
1926	Dry	2.07	1.89	1.26	0.28	(0.20)	(0.63)	(1.01)	(2.33)	(1.80)	(1.85)	(4.07)	2.84	(0.30)
1927	Wet	(1.41)	(1.24)	(1.01)	0.02	(1.53)	0.02	0.82	0.82	0.87	0.72	0.76	0.70	(0.04)
1928	Above Normal	0.78	0.54	0.58	0.81	0.47	0.08	(0.21)	0.46	0.42	0.57	0.51	0.36	0.45
1929	Critical	(0.15)	(0.12)	(0.35)	(2.33)	(2.08)	(0.70)	0.02	(0.30)	(0.17)	(0.18)	(0.16)	0.92	(0.47)
1930	Dry	(0.53)	(0.26)	(0.18)	(0.19)	(0.01)	(0.02)	(0.02)	(0.02)	(0.01)	(0.04)	(0.11)	(0.09)	(0.12)
1931	Critical	(0.10)	(0.11)	(0.07)	(0.11)	0.15	0.29	0.58	0.77	0.82	2.20	0.72	3.76	0.74
1932	Dry	1.05	(1.70)	(0.93)	(0.42)	1.43	0.38	0.44	0.14	(0.01)	0.35	(0.86)	0.98	0.07
1933	Critical	1.81	2.03	1.33	0.24	(4.09)	(1.44)	(2.06)	(1.60)	(1.26)	(1.89)	(4.35)	(3.89)	(1.26)
1934	Critical	(4.90)	(4.67)	(2.36)	(2.82)	(0.82)	0.44	1.73	2.29	2.45	2.41	6.82	(0.29)	0.02
1935	Below Normal	(39.86)	19.93	15.02	0.16	0.20	0.13	(3.19)	(3.97)	(20.97)	(1.35)	(0.94)	(0.83)	(2.97)
1936	Below Normal	(0.70)	(0.52)	(0.06)	0.27	1.14	(10.68)	(0.33)	(0.27)	(0.28)	(0.61)	(0.67)	(1.20)	(1.16)
1937	Below Normal	(0.63)	(0.25)	(1.80)	(46.77)	15.70	93.26	(8.81)	(15.54)	(1.22)	(9.34)	(13.83)	(9.10)	0.14
1938	Wet	(9.60)	(10.22)	(50.42)	(25.80)	6.21	(18.71)	3.97	(138.88)	(41.25)	(3.20)	(28.34)	37.07	(23.26)
1939	Dry	(4.84)	(1.33)	(14.73)	(0.05)	0.68	(23.39)	(64.72)	11.09	73.12	(0.98)	(12.17)	(0.88)	(3.18)
1940	Above Normal	(4.52)	(111.44)	43.47	(19.59)	(16.93)	(4.65)	(0.24)	(0.28)	(1.35)	(0.12)	(0.15)	(0.16)	(9.66)
1941	Wet	(0.03)	0.46	(0.38)	(0.03)	(5.39)	(29.68)	(0.02)	(1.75)	(0.60)	(0.13)	(0.09)	(0.11)	(3.15)
1942	Wet	0.42	(0.14)	(0.04)	(11.63)	(3.24)	(0.22)	(2.79)	(2.10)	(2.36)	(3.10)	(2.70)	12.85	(1.25)
1943	Wet	(1.79)	(2.92)	(1.06)	(29.07)	(1.66)	12.24	14.23	(0.94)	(6.90)	(1.07)	(1.69)	(3.21)	(1.99)
1944	Dry	2.53	(0.51)	(8.36)	(78.02)	(70.00)	(23.98)	(1.19)	(0.75)	(0.50)	(1.23)	0.75	(2.11)	(15.28)
1945	Below Normal	(3.06)	(2.73)	(2.54)	(0.79)	(14.75)	(80.31)	0.84	0.90	0.93	0.81	0.78	2.12	(8.15)
1946	Below Normal	1.53	2.92	4.27	0.00	0.30	2.18	2.70	2.84	3.02	2.57	2.84	1.48	2.22
1947	Dry	1.91	2.32	1.98	4.65	1.03	(0.75)	(0.87)	1.64	1.46	2.27	2.35	1.56	1.63
1948	Below Normal	(0.56)	(0.53)	(1.55)	(10.66)	(9.61)	(3.25)	0.44	13.07	(0.18)	0.21	0.35	0.23	(1.00)
1949	Dry	0.31	0.34	0.17	(0.11)	0.14	(0.42)	(0.13)	0.53	0.49	0.69	0.62	0.48	0.26
1950	Below Normal	(0.93)	(0.08)	(0.34)	(5.13)	(4.57)	(1.44)	(0.10)	(0.12)	(0.05)	(0.16)	(0.16)	(0.13)	(1.10)
1951	Above Normal	(0.12)	(0.09)	(6.94)	0.00	7.77	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.05
1952	Wet	0.00	0.04	0.00	(1.86)	0.14	(0.58)	(2.73)	(28.97)	(48.80)	(23.39)	(27.59)	(2.79)	(11.38)
1953	Wet	(26.13)	(22.10)	24.68	(5.56)	(3.65)	(73.04)	(133.04)	(10.65)	(3.60)	(5.80)	(5.19)	(3.91)	(22.33)
1954	Above Normal	(3.04)	0.72	4.75	33.10	31.39	21.30	3.98	6.93	27.27	(3.70)	2.88	2.40	10.67
1955	Dry	2.68	2.16	1.59	1.72	0.16	(0.73)	(3.84)	(4.68)	(4.85)	(4.59)	(5.26)	(7.89)	(1.96)
1956	Wet	(3.73)	(3.20)	(33.54)	(97.53)	0.02	0.21	0.49	0.47	0.49	0.44	0.46	1.32	(11.18)
1957	Above Normal	0.47	0.43	0.37	(1.61)	(0.19)	(0.29)	0.27	2.14	(0.81)	0.21	0.23	0.10	0.11
1958	Wet	0.21	0.10	0.11	0.02	0.02	(0.55)	(3.08)	(5.15)	(4.08)	(0.06)	(0.07)	(0.33)	(1.07)
1959	Below Normal	0.00	(0.52)	(0.73)	(0.05)	(0.15)	(21.02)	(13.47)	(16.24)	(106.44)	3.26	1.17	1.74	(12.70)
1960	Dry	0.10	(2.74)	(0.68)	(2.53)	(2.24)	1.11	1.04	(1.38)	25.73	(7.58)	22.01	(15.88)	1.41
1961	Dry	(8.19)	(8.63)	(5.57)	10.53	9.33	3.67	1.18	1.45	1.49	1.48	7.66	(0.55)	1.15
1962	Below Normal	0.40	(0.05)	(0.22)	0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.02
1963	Wet	0.01	0.01	0.01	0.00	(0.01)	(0.02)	0.00	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.00
1964	Dry	0.02	0.00	(0.04)	(0.03)	(0.24)	1.51	(0.30)	(0.30)	(0.32)	(0.29)	(0.21)	(0.25)	(0.04)
1965	Wet	(0.05)	(0.25)	(0.19)	0.21	1.55	(3.78)	0.20	1.27	(10.48)	3.27	3.20	2.93	(0.18)
1966	Below Normal	2.09	1.18	1.31	(4.30)	(4.23)	(1.96)	0.03	0.14	(0.62)	0.22	0.26	0.21	(0.47)
1967	Wet	0.51	0.09	0.04	(0.80)	(0.40)	(0.17)	(2.77)	(6.09)	(15.14)	(1.25)	(1.64)	(2.38)	(2.50)
1968	Below Normal	(3.23)	(0.61)	(25.87)	(2.83)	(0.06)	2.73	0.11	9.52	8.30	12.74	12.01	8.22	1.75
1969	Wet	(14.10)	(1.07)	(7.30)	(153.08)	26.65	15.36	(12.39)	15.15	(4.00)	(3.73)	(3.79)	(3.66)	(12.16)
1970	Wet	(2.93)	(3.08)	(2.79)	(11.41)	2.12	(1.09)	(8.39)	1.20	1.28	2.36	1.21	0.38	(1.76)
1971	Wet	1.26	0.61	0.87	(0.03)	(9.57)	(1.13)	(1.21)	(1.56)	(12.13)	0.48	0.25	0.17	(1.83)
1972	Below Normal	0.08	0.08	0.08	0.60	0.53	0.07	(0.14)	(0.35)	(0.35)	(0.40)	(0.34)	(0.27)	(0.03)
1973	Above Normal	(0.08)	(0.08)	(0.02)	0.76	0.63	1.64	(1.41)	0.14	0.15	(0.10)	(0.09)	0.02	0.13
1974	Wet	(0.87)	(0.64)	(0.31)	2.61	3.48	(72.41)	30.42	(5.68)	(6.42)	(6.74)	(6.88)	11.21	(4.35)
1975	Wet	(6.01)	(5.32)	(2.96)	(14.65)	(7.22)	(26.73)	7.50	7.55	7.99	7.40	7.76	7.04	(1.47)
1976	Critical	7.06	6.94	5.64	8.39	6.36	1.01	(3.64)	(4.41)	(1.92)	(5.75)	2.89	(7.01)	1.30
1977	Critical	(6.55)	(5.86)	(4.82)	(0.87)	(0.58)	(0.21)	23.54	(0.22)	0.58	(0.01)	(0.44)	(0.58)	0.33
1978	Above Normal	(0.43)	7.98	(1.48)	0.01	(11.67)	(29.64)	(8.38)	14.31	(11.47)	22.63	17.49	11.81	0.93
1979	Below Normal	(1.12)	(3.38)	(12.86)	(108.99)	(190.30)	(5.78)	81.60	6.53	4.58	4.42	2.77	28.08	(16.20)
1980	Above Normal	32.35	9.79	5.45	(98.47)	16.03	27.30	(27.60)	(24.97)	(26.21)	(57.16)	(61.27)	23.59	(15.10)
1981	Dry	(24.12)	(23.13)	(16.20)	16.47	(1.82)	69.61	12.50	16.10	107.47	(3.69)	(28.88)	6.20	10.88
1982	Wet	14.26	5.13	4.43	2.11	(0.52)	7.13	0.10	(6.58)	(8.96)	(0.05)	(0.07)	(0.57)	1.37
1983	Wet	(30.10)	56.52	4.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.57
1984	Wet	0.00	0.00	(0.34)	0.00	0.11	0.07	0.04	0.03	0.03	0.02	0.03	0.08	0.01
1985	Dry	0.03	0.03	0.06	(0.01)	(0.01)	(0.02)	0.01	0.01	0.01	0.01	0.00	0.01	0.01
1986	Wet	0.01	0.01	0.00	0.00	(70.93)	(168.86)	49.79	(0.24)	(1.20)	(0.01)	22.42	(37.00)	(17.17)
1987	Dry	4.64	5.33	(0.61)	0.00	0.05	0.21	(13.20)	(17.38)	(18.55)	(22.25)	(16.51)	(13.66)	(7.66)
1988	Critical	(9.37)	(7.23)	(4.81)	(2.54)	(1.62)	(0.35)	0.01	0.02	0.02	0.26	0.01	0.02	(2.13)
1989	Dry	0.01	0.05	(0.02)	(0.08)	(0.13)	(0.18)	(0.57)	(0.71)	(4.18)	(0.05)	(24.81)	6.60	(2.01)
1990	Critical	5.94	5.05	4.90	(0.16)	(0.07)	0.01	0.08	0.10	0.11	0.06	0.10	0.08	1.35
1991	Critical	0.04	0.04	0.01	0.00	(0.03)	(0.04)	(0.07)	(7.37)	0.05	2.31	1.70	1.35	(0.17)
1992	Critical	0.72	(7.37)	5.08	2.26	(0.05)	(0.09)	(0.03)	(0.04)	(0.04)	(0.71)	0.99	(2.17)	(0.12)
1993	Above Normal	(1.87)	(3.15)	6.54	(0.24)	(0.56)	(1.36)	(0.06)	0.72	(7.80)	2.29	2.15	2.06	(0.11)
1994	Critical	1.23	1.05	0.54	(3.25)	(2.81)	(1.22)	(0.13)	0.03	1.03	(0.16)	0.01	(0.40)	(0.34)
1995	Wet	4.83	(2.32)	(0.17)	(0.06)	(0.09)	(0.99)	(3.89)	(89.76)	(19.79)	(0.44)	(2.56)	(6.87)	(10.18)
1996	Wet	(2.18)	(4.34)	(2.34)	(399.81)	(335.94)	(154.66)	(17.83)	(18.59)	(15.92)	(13.55)	(13.48)	(11.68)	(82.53)
1997	Wet	(11.94)	(11.91)	(9.18)	(2.94)	7.78	(8.66)	5.08	0.28	(0.43)	21.98	1.39	2.35	(0.52)
1998	Wet	5.76	(3.49)	1.11	4.61	3.73	(3.26)	(3.07)	(29.75)	(20.18)	(21.47)	(25.45)	(19.83)	(9.27)
1999	Wet	14.59	(31.20)	9.83	1.14	2.46	(52.92)	(32.60)	1.26	1.37	1.16	1.27	(0.69)	(7.03)
2000	Above Normal	1.55	0.25	0.74	3.11	1.58	(6.26)	(1.62)	3.01	2.63	4.16	3.68	2.97	1.32
2001	Dry	(1.65)	(1.52)	(10.85)	(20.52)	(18.16)	(5.06)	3.06	4.02	4.31	10.08	3.67	3.10	(2.46)
2002	Dry	2.11	1.38	0.94	0.24	0.36	(0.31)	(2.05)	(2.07)	(2.19)	(2.02)	(2.29)	0.94	(0.41)
2003	Above Normal	(1.99)	18.22	(20.71)	6.35	5.72	2.11	(0.09)	(0.09)	(0.04)	(0.10)	(0.12)	(0.10)	0.76
	Average	(1.49)	(1.78)	(1.34)	(13.01)	(7.91)	(7.38)	(1.71)	(4.03)	(1.99)	(1.48)	(2.07)	0.29	(3.66)
	Wet	(2.65)	(1.56)	(2.56)	(28.60)	(14.84)	(22.40)	(4.28)	(12.26)	(8.08)	(1.78)	(3.11)	(0.65)	(8.56)
	Above Normal	1.93	(6.40)	2.73	(6.31)	2.86	0.87	(2.94)	0.20	(1.45)	(2.64)	(3.09)	3.55	(0.89)
	Below Normal	(3.23)	1.03	(1.80)	(12.39)	(14.68)	(1.94)	4.26	(0.22)	(8.26)	0.92	0.32	2.13	(2.82)
	Dry	(1.46)	(1.79)	(3.05)	(3.94)	(4.53)	(0.03)	(3.77)	0.42	10.35	(1.53)	(3.20)	(0.95)	(1.12)
	Critical	(0.41)	(0.90)	0.34	(0.23)	(0.82)	(0.49)	1.19	(1.53)	(0.55)	(2.36)	0.09	(1.23)	(0.58)

Percent Difference in Energy Use (GWh) At Pumping Plant at System Total: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	-1%	-1%	-2%	-2%	-2%	-5%	-2%	-2%
1925	Dry	-2%	-3%	-1%	-1%	-1%	-4%	0%	0%	1%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1932	Dry	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	1%	0%	0%	-1%	-1%	0%	0%	0%	0%	-1%	-1%
1934	Critical	-2%	-2%	-1%	-1%	0%	0%	0%	0%	0%	0%	9%	-1%
1935	Below Normal	-14%	3%	3%	0%	0%	0%	-1%	-1%	-4%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	-5%	2%	10%	-1%	-2%	0%	-1%	-2%	-1%
1938	Wet	-1%	-1%	-8%	-2%	1%	-2%	1%	-17%	-5%	0%	-3%	5%
1939	Dry	-1%	0%	-2%	0%	0%	-2%	-9%	2%	23%	0%	-2%	0%
1940	Above Normal	-1%	-28%	6%	-10%	-7%	-1%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	-1%	-3%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	2%
1943	Wet	0%	-1%	0%	-3%	0%	1%	2%	0%	-1%	0%	0%	0%
1944	Dry	0%	0%	-1%	-11%	-11%	-5%	0%	0%	0%	0%	0%	0%
1945	Below Normal	-1%	-1%	-1%	0%	-5%	-8%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-2%	-2%	-1%	0%	3%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-1%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	-5%	-7%	-3%	-3%	0%
1953	Wet	-5%	-5%	3%	-1%	0%	-7%	-16%	-2%	-1%	-1%	-1%	-1%
1954	Above Normal	-1%	0%	1%	5%	5%	3%	1%	1%	4%	0%	0%	0%
1955	Dry	0%	0%	0%	1%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-7%	-10%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-2%	-2%	-2%	-29%	0%	0%	0%
1960	Dry	0%	-1%	0%	-1%	-1%	0%	0%	0%	5%	-1%	3%	-2%
1961	Dry	-1%	-1%	-1%	3%	3%	1%	0%	0%	0%	0%	1%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	-2%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	-2%	0%	0%	0%
1968	Below Normal	0%	0%	-4%	0%	0%	0%	0%	1%	1%	2%	1%	1%
1969	Wet	-2%	0%	-1%	-21%	3%	2%	-2%	2%	-1%	0%	0%	-1%
1970	Wet	0%	-1%	-1%	-1%	0%	0%	-1%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	-2%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	-7%	4%	-1%	-1%	-1%	-1%	1%
1975	Wet	-1%	-1%	0%	-2%	-1%	-3%	1%	1%	1%	1%	1%	1%
1976	Critical	1%	1%	1%	1%	1%	0%	-1%	-1%	-1%	-1%	0%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	13%	0%	2%	0%	-1%	-1%
1978	Above Normal	-2%	6%	0%	0%	-4%	-5%	-1%	2%	-2%	3%	2%	2%
1979	Below Normal	0%	-1%	-2%	-13%	-21%	-1%	13%	1%	1%	1%	0%	4%
1980	Above Normal	5%	2%	1%	-11%	2%	3%	-5%	-4%	-4%	-7%	-8%	4%
1981	Dry	-4%	-5%	-3%	2%	0%	10%	2%	2%	62%	0%	-3%	1%
1982	Wet	2%	1%	1%	0%	0%	1%	0%	-1%	-1%	0%	0%	0%
1983	Wet	-4%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-8%	-15%	7%	0%	0%	0%	3%	-4%
1987	Dry	1%	1%	0%	0%	0%	0%	-3%	-3%	-3%	-4%	-3%	-3%
1988	Critical	-4%	-4%	-2%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	-3%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%
1992	Critical	0%	-6%	4%	2%	0%	0%	0%	0%	0%	-1%	3%	-1%
1993	Above Normal	0%	-8%	1%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1994	Critical	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	3%	-1%	0%	0%	0%	0%	-1%	-10%	-2%	0%	0%	-1%
1996	Wet	0%	-1%	0%	-46%	-33%	-17%	-2%	-3%	-2%	-2%	-2%	-1%
1997	Wet	-2%	-2%	-1%	0%	1%	-1%	1%	0%	0%	3%	0%	0%
1998	Wet	1%	-1%	0%	1%	0%	0%	0%	-4%	-3%	-3%	-3%	-3%
1999	Wet	2%	-4%	2%	0%	0%	-5%	-5%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-2%	-5%	-5%	-1%	1%	1%	1%	2%	1%	1%
2002	Dry	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	5%	-3%	3%	2%	1%	0%	0%	0%	0%	0%	0%
	Average	0%	-1%	0%	-2%	-1%	-1%	0%	-1%	0%	0%	0%	0%
	Wet	0%	0%	-1%	-3%	-2%	-2%	-1%	-2%	-1%	0%	0%	0%
	Above Normal	0%	-2%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	1%
	Below Normal	-1%	0%	0%	-2%	-2%	0%	1%	0%	-2%	0%	0%	0%
	Dry	0%	0%	-1%	-1%	-1%	0%	-1%	0%	5%	0%	0%	0%
	Critical	0%	-1%	0%	0%	0%	0%	1%	0%	0%	0%	1%	0%

Energy Use (GWh) At Pumping Plant at Teerink: Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	72.77	59.80	47.47	11.73	21.70	36.39	46.86	45.94	46.92	47.24	49.19	43.84	529.85
1923	Below Normal	39.49	35.19	30.53	62.67	60.49	60.45	43.21	48.84	49.11	52.12	53.21	46.49	581.80
1924	Critical	36.81	32.41	25.70	21.50	21.21	18.45	24.68	29.71	30.27	30.21	26.93	22.90	320.78
1925	Dry	11.64	8.43	7.11	6.06	9.43	30.08	40.48	52.84	53.31	56.87	57.19	49.88	383.32
1926	Dry	38.14	33.68	26.18	13.19	15.07	21.37	31.48	45.83	46.16	49.18	49.48	43.12	412.88
1927	Wet	32.55	28.57	22.00	12.14	19.63	42.83	50.18	49.94	51.09	51.35	53.23	47.61	461.12
1928	Above Normal	43.41	38.79	33.94	54.06	53.34	33.12	50.30	49.48	50.46	50.79	52.44	46.96	557.09
1929	Critical	42.49	38.02	33.20	49.47	46.12	25.87	20.82	27.17	27.46	27.57	24.59	20.34	383.12
1930	Dry	10.63	7.75	6.55	5.39	10.65	14.88	34.53	40.74	41.47	42.93	41.14	35.53	292.19
1931	Critical	23.55	19.44	14.71	10.18	11.86	14.13	28.04	34.09	34.75	34.84	31.02	26.11	282.72
1932	Dry	13.42	10.26	8.47	7.81	12.42	18.46	35.15	40.77	41.01	43.45	43.06	37.48	311.76
1933	Critical	27.00	23.32	17.75	11.16	12.87	17.30	31.37	39.44	40.43	40.95	37.48	32.08	331.15
1934	Critical	18.90	14.28	10.66	9.21	10.23	14.72	29.85	36.38	37.23	37.21	6.33	1.67	226.67
1935	Below Normal	20.62	37.31	27.82	8.71	12.02	17.59	45.37	53.07	33.49	61.47	61.59	53.87	432.93
1936	Below Normal	41.23	36.58	28.51	13.69	17.03	53.94	46.24	52.01	53.21	53.49	55.49	49.63	501.05
1937	Below Normal	45.38	40.60	35.55	55.67	60.86	59.61	45.47	49.79	50.96	51.43	53.42	47.30	596.04
1938	Wet	42.74	38.19	33.22	62.72	60.57	67.82	42.16	49.20	50.43	49.17	53.39	44.75	594.36
1939	Dry	39.95	35.51	31.68	62.94	60.79	71.71	51.13	51.12	23.30	60.46	44.70	58.80	592.09
1940	Above Normal	46.66	28.09	45.92	8.67	10.28	24.02	45.09	53.56	45.62	59.38	59.64	52.04	478.97
1941	Wet	39.94	35.30	27.50	19.75	25.67	63.36	37.84	42.96	43.78	44.46	46.64	40.88	468.08
1942	Wet	36.20	32.17	27.47	62.74	60.58	71.42	55.34	45.87	46.91	47.34	49.44	43.86	579.34
1943	Wet	39.51	35.15	30.37	53.66	60.53	58.40	52.79	51.64	52.74	53.31	55.60	49.37	593.07
1944	Dry	44.82	40.00	34.78	45.94	42.74	27.37	35.56	41.64	41.80	44.14	43.34	37.65	479.78
1945	Below Normal	26.56	22.63	17.30	13.24	14.46	65.16	46.13	49.92	51.10	51.39	53.23	47.62	458.74
1946	Below Normal	43.39	38.76	45.04	57.08	42.86	46.48	47.28	47.27	48.21	48.57	50.61	45.21	560.76
1947	Dry	40.95	36.55	31.77	54.49	53.17	34.47	49.06	52.64	53.37	55.40	56.27	49.75	567.89
1948	Below Normal	41.40	36.82	30.33	32.08	30.46	20.17	29.93	37.91	4.54	61.81	61.74	54.07	441.26
1949	Dry	41.44	36.73	28.65	14.50	15.37	19.72	49.12	51.94	52.88	54.63	55.54	49.18	469.70
1950	Below Normal	41.37	36.84	30.59	13.55	13.88	16.75	41.38	47.76	1.78	61.57	61.25	53.35	420.07
1951	Above Normal	40.78	35.91	33.66	62.37	55.52	66.45	42.80	48.78	49.88	50.11	52.22	46.68	585.16
1952	Wet	42.41	37.85	32.94	62.67	62.35	45.88	39.72	41.42	42.04	42.95	45.35	39.45	535.03
1953	Wet	34.63	30.70	45.83	62.77	60.59	71.48	58.02	46.09	46.19	47.79	49.21	43.55	596.85
1954	Above Normal	37.05	32.83	27.34	40.85	41.00	40.17	45.48	52.78	51.53	54.50	58.11	50.72	532.36
1955	Dry	38.84	34.26	26.62	14.30	16.99	22.72	38.41	44.44	44.53	47.63	47.86	41.73	418.33
1956	Wet	31.30	27.45	21.11	52.57	57.11	67.54	49.01	53.21	54.54	54.82	57.17	51.04	576.87
1957	Above Normal	46.66	41.71	36.37	63.23	60.11	40.44	38.11	33.18	1.98	58.76	58.30	50.89	529.74
1958	Wet	38.62	34.00	26.43	11.70	29.39	61.06	48.96	53.48	54.81	55.33	57.86	51.11	522.75
1959	Below Normal	46.48	41.44	35.98	63.21	60.99	65.72	43.54	50.21	25.97	59.33	59.42	51.96	604.25
1960	Dry	39.80	35.18	27.34	12.82	13.16	17.47	48.41	55.57	39.52	63.28	47.96	60.59	461.10
1961	Dry	47.57	42.31	33.41	16.87	17.71	17.36	41.09	47.38	47.87	50.99	43.38	29.14	435.08
1962	Below Normal	8.23	41.48	45.82	7.23	8.49	22.09	41.65	48.46	2.33	62.42	62.21	54.24	404.65
1963	Wet	41.50	36.60	28.61	25.90	30.15	40.39	46.58	46.88	47.78	48.11	50.16	44.84	487.50
1964	Dry	40.62	36.20	45.94	48.12	31.34	33.15	49.90	48.72	49.82	50.10	52.06	46.52	532.49
1965	Wet	42.39	37.80	33.01	50.66	53.48	43.89	45.83	45.50	44.87	47.15	48.91	43.55	537.04
1966	Below Normal	38.80	34.49	29.61	56.70	58.93	45.34	44.00	50.17	47.48	54.33	55.30	48.17	563.32
1967	Wet	37.57	33.06	25.92	16.27	33.12	42.19	49.92	49.85	50.96	51.47	53.67	47.65	491.65
1968	Below Normal	43.18	38.49	35.65	62.70	62.69	67.28	49.48	47.34	48.03	50.07	51.30	45.06	601.27
1969	Wet	36.95	32.62	26.47	45.16	60.23	68.24	42.41	47.01	48.01	48.65	51.20	44.99	551.94
1970	Wet	43.44	32.59	30.73	62.77	60.60	69.35	45.39	48.70	49.82	50.05	52.11	46.55	592.10
1971	Wet	42.33	37.75	32.88	62.67	60.49	51.82	42.32	49.74	49.67	53.67	54.41	47.30	585.05
1972	Below Normal	36.14	31.76	24.60	13.44	26.06	37.17	45.23	50.94	51.50	54.40	55.18	48.23	474.65
1973	Above Normal	38.09	33.63	26.64	19.94	37.84	50.13	44.88	50.24	51.46	51.54	53.57	47.88	505.84
1974	Wet	43.67	38.99	34.07	62.68	60.53	65.12	50.76	49.35	50.63	50.88	53.16	47.25	607.09
1975	Wet	42.81	38.10	33.02	62.97	60.90	60.70	50.09	49.08	50.25	50.35	52.20	46.76	597.23
1976	Critical	42.48	37.96	33.19	53.63	52.73	34.05	42.90	49.90	22.90	59.36	44.52	56.63	530.25
1977	Critical	43.55	38.64	30.09	12.65	13.08	13.61	12.91	2.98	1.88	2.40	2.14	1.70	175.63
1978	Above Normal	0.69	10.46	32.50	7.18	12.76	34.44	45.83	45.20	46.15	46.37	48.09	42.86	372.53
1979	Below Normal	38.73	34.43	29.95	52.98	58.56	51.28	43.26	47.72	48.86	49.05	50.93	45.37	551.12
1980	Above Normal	41.00	36.53	31.82	56.27	62.65	68.22	41.65	46.16	47.14	47.89	50.32	44.13	573.78
1981	Dry	39.42	35.09	30.07	61.68	61.00	45.40	41.87	49.36	10.73	61.41	56.46	55.21	547.70
1982	Wet	42.28	37.51	29.17	24.25	28.96	68.99	50.77	50.03	52.82	53.30	55.83	49.23	543.14
1983	Wet	47.79	42.91	65.70	62.77	60.59	68.20	35.60	37.60	44.12	44.69	37.66	37.28	584.91
1984	Wet	38.00	34.25	65.93	62.79	62.75	68.39	43.20	49.40	50.38	50.79	52.89	47.33	626.10
1985	Dry	43.01	38.44	45.78	55.64	56.90	52.96	46.68	46.61	47.75	47.89	49.68	44.39	575.73
1986	Wet	40.23	35.91	31.27	51.57	48.26	70.74	46.71	50.70	51.97	52.36	54.82	48.41	582.95
1987	Dry	43.85	39.23	33.99	63.27	60.51	33.94	30.77	37.66	38.70	38.43	34.39	29.31	484.05
1988	Critical	15.96	11.41	9.28	7.62	11.22	12.66	21.53	25.50	25.76	25.94	23.06	19.59	209.53
1989	Dry	9.65	7.09	6.01	4.92	9.72	12.59	47.12	55.46	42.40	62.62	57.97	56.45	372.00
1990	Critical	43.54	38.59	30.08	13.27	14.26	15.89	27.13	32.81	33.58	33.56	29.88	25.43	338.02
1991	Critical	13.36	9.45	7.92	6.75	9.37	12.33	21.85	24.82	15.73	29.98	26.44	22.68	200.68
1992	Critical	11.29	7.70	6.95	5.75	8.92	11.85	21.59	25.58	25.76	2.18	2.07	20.44	150.08
1993	Above Normal	27.11	2.65	32.35	7.74	23.38	35.24	45.93	48.44	33.84	53.71	55.05	48.73	414.17
1994	Critical	41.24	36.68	30.47	37.83	36.21	29.22	39.25	45.21	38.35	50.11	16.30	44.84	445.71
1995	Wet	9.96	29.71	55.82	7.15	20.38	31.23	53.19	52.35	53.62	54.07	56.36	50.07	473.91
1996	Wet	45.58	40.72	35.50	58.60	60.15	53.78	50.80	49.63	50.76	51.04	53.08	47.40	597.04
1997	Wet	43.14	38.55	33.65	62.68	60.52	70.94	44.99	46.97	47.91	48.37	50.62	44.83	593.17
1998	Wet	40.28	35.87	30.95	62.12	60.55	62.90	46.07	47.63	48.75	49.58	52.01	45.52	582.23
1999	Wet	42.86	42.81	39.59	62.76	60.57	64.69	47.91	48.79	49.79	50.29	52.44	46.84	609.34
2000	Above Normal	42.58	38.04	33.11	57.18	55.17	43.55	46.58	52.66	53.14	56.45	57.03	49.93	585.42
2001	Dry	39.45	34.95	27.77	20.69	20.15	18.53	31.04	38.24	39.25	39.35	35.15	29.91	374.48
2002	Dry	16.21	11.69	9.43	6.44	14.08	23.26	50.79	49.46	50.46	50.90	52.66	47.18	382.56
2003	Above Normal	42.96	25.97	45.92	8.83	14.80	23.11	39.24	45.35	5.58	57.34	57.15	49.98	416.23
	Average	36.21	32.29	30.31	35.48	37.37	41.60	42.02	45.49	41.26	48.79	47.86	43.40	482.08
	Wet	39.18	35.58	34.58	47.87	50.72	59.67	47.18	48.19	49.41	50.05	51.90	46.05	560.38
	Above Normal	39.98	32.03	35.59	33.17	37.38	41.27	44.40	47.65	40.31	52.84	54.26	47.89	506.76
	Below Normal	36.50	36.20	31.95	36.64	37.70	44.93	43.73	48.67	36.90	55.10	56.06	49.33	513.71
	Dry	33.30	29.08	25.64	28.62	28.96	28.64	41.81	47.25	42.46	51.09	48.24	44.55	449.62
	Critical	30.01	25.66	20.83	19.92	20.67	18.34	26.83	31.13	27.84	31.19	22.56	24.53	299.53

Energy Use (GWh) At Pumping Plant at Teerink: Alternative5_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	72.77	59.80	47.47	11.73	21.70	36.39	46.86	45.94	46.92	47.25	49.20	43.84	529.87
1923	Below Normal	39.49	35.19	30.54	62.67	60.49	60.37	43.21	48.88	49.14	52.17	53.26	46.52	581.93
1924	Critical	36.81	32.41	25.69	21.15	20.91	18.19	24.25	29.15	29.66	29.61	26.40	22.45	316.68
1925	Dry	11.34	8.26	6.96	5.92	9.33	28.24	40.62	53.01	53.48	57.05	57.38	50.04	381.63
1926	Dry	38.27	33.80	26.28	13.21	15.06	21.32	31.40	45.70	46.03	49.04	49.33	42.99	412.43
1927	Wet	32.44	28.48	21.93	12.15	19.52	42.84	50.24	50.00	51.15	51.41	53.29	47.67	461.12
1928	Above Normal	43.47	38.84	33.99	54.12	53.38	33.12	50.29	49.51	50.49	50.85	52.48	46.99	557.53
1929	Critical	42.48	38.01	33.17	49.29	45.96	25.81	20.82	27.16	27.45	27.55	24.58	20.41	382.69
1930	Dry	10.59	7.73	6.54	5.38	10.65	14.88	34.52	40.74	41.46	42.93	41.13	35.52	292.07
1931	Critical	23.54	19.43	14.71	10.17	11.87	14.15	28.08	34.15	34.82	34.90	31.07	26.38	283.27
1932	Dry	13.49	10.13	8.41	7.79	12.42	18.50	35.18	40.78	41.01	43.48	43.14	37.56	311.89
1933	Critical	27.12	23.46	17.86	11.19	12.89	17.19	31.21	39.32	40.35	40.78	37.18	31.79	330.34
1934	Critical	18.53	13.90	10.49	8.98	10.16	14.76	29.98	36.55	37.41	37.39	6.84	1.67	226.66
1935	Below Normal	18.03	38.78	28.94	8.72	12.03	17.61	45.13	52.78	32.02	61.35	61.50	53.79	430.68
1936	Below Normal	41.18	36.55	28.49	13.71	17.12	53.41	46.21	51.99	53.18	53.47	55.47	49.61	500.39
1937	Below Normal	45.36	40.59	35.53	55.68	60.85	66.60	44.75	49.10	50.24	50.73	52.71	46.62	598.76
1938	Wet	42.05	37.55	32.62	62.71	60.57	66.60	43.14	46.37	47.59	48.11	50.54	44.29	582.14
1939	Dry	39.48	35.09	31.29	63.05	60.91	70.22	46.36	51.94	28.80	60.32	43.84	58.72	590.02
1940	Above Normal	46.83	20.41	49.34	7.09	8.90	23.59	45.07	53.54	45.53	59.38	59.63	52.04	471.35
1941	Wet	39.93	35.29	27.50	19.75	25.67	61.16	37.84	42.96	43.78	44.46	46.64	40.88	465.86
1942	Wet	36.20	32.17	27.47	62.73	60.57	71.40	55.14	45.71	46.74	47.16	49.23	43.71	578.23
1943	Wet	39.38	35.03	30.28	54.43	60.52	59.45	53.86	51.59	52.69	53.24	55.49	49.31	595.27
1944	Dry	44.79	39.99	34.79	40.04	37.44	25.56	35.47	41.58	41.76	44.05	43.17	37.49	466.13
1945	Below Normal	26.32	22.37	17.09	13.17	14.42	59.84	46.19	49.98	51.17	51.45	53.30	47.69	452.99
1946	Below Normal	43.45	38.82	45.39	57.08	42.86	46.64	47.48	47.47	48.43	48.78	50.84	45.41	562.65
1947	Dry	41.15	36.73	31.94	54.84	53.25	34.40	49.01	52.78	53.50	55.61	56.44	49.88	569.53
1948	Below Normal	41.36	36.78	30.23	31.32	29.77	19.91	29.96	38.83	4.41	61.87	61.81	54.11	440.36
1949	Dry	41.47	36.75	28.67	14.49	15.38	19.68	49.11	51.99	52.92	54.69	55.59	49.22	469.96
1950	Below Normal	41.37	36.84	30.56	13.14	13.52	16.63	41.37	47.76	1.78	61.55	61.24	53.34	419.10
1951	Above Normal	40.77	35.90	33.16	62.37	55.52	66.45	42.80	48.78	49.88	50.11	52.22	46.68	584.64
1952	Wet	42.41	37.85	32.94	62.67	62.35	45.87	39.72	39.82	40.34	41.15	43.26	37.85	526.23
1953	Wet	33.22	29.37	47.71	62.73	60.55	66.35	48.32	45.23	45.83	47.21	48.69	43.18	578.39
1954	Above Normal	37.15	32.95	27.67	43.28	43.31	41.86	45.78	53.17	53.45	54.27	58.35	50.91	542.15
1955	Dry	39.02	34.42	26.75	14.44	17.01	22.66	38.13	44.09	44.18	47.25	47.48	41.40	416.83
1956	Wet	31.02	27.20	20.90	45.01	57.12	67.55	49.04	53.24	54.58	54.85	57.21	51.08	568.80
1957	Above Normal	46.69	41.74	36.40	63.23	60.10	40.42	38.13	33.33	1.98	58.77	58.31	50.89	529.99
1958	Wet	38.63	34.00	26.43	11.70	29.39	61.02	48.96	53.49	54.81	55.33	57.87	51.11	522.74
1959	Below Normal	46.48	41.44	35.98	63.24	60.99	64.40	42.52	48.98	17.73	59.49	59.44	52.04	592.73
1960	Dry	39.83	35.22	27.35	12.63	12.99	17.56	48.47	55.45	41.28	62.70	49.40	59.41	462.29
1961	Dry	46.87	41.67	32.98	17.69	18.44	17.64	41.18	47.49	47.98	51.11	43.92	29.10	436.07
1962	Below Normal	8.21	41.48	45.83	7.23	8.49	22.09	41.65	48.46	2.33	62.42	62.20	54.24	404.63
1963	Wet	41.50	36.60	28.61	25.90	30.15	40.39	46.58	46.88	47.78	48.11	50.16	44.84	487.50
1964	Dry	40.62	36.20	45.95	48.12	31.31	33.27	49.88	48.70	49.80	50.08	52.03	46.50	532.46
1965	Wet	42.37	37.78	32.99	50.86	53.60	43.61	45.85	45.60	44.15	47.41	49.16	43.78	537.16
1966	Below Normal	38.95	34.63	29.71	56.39	58.62	45.20	44.00	50.18	47.45	54.36	55.32	48.19	563.00
1967	Wet	37.57	33.06	25.92	16.20	33.09	42.19	49.93	49.80	50.90	51.40	53.60	47.59	491.25
1968	Below Normal	43.14	38.45	33.39	62.70	62.69	67.46	49.59	48.17	48.79	51.25	52.37	45.85	603.85
1969	Wet	36.82	32.45	25.96	34.28	60.31	68.24	42.15	46.76	47.75	48.39	50.94	44.75	538.80
1970	Wet	43.19	32.36	30.52	62.77	60.60	69.26	44.78	48.79	49.91	50.14	52.20	46.64	591.16
1971	Wet	42.42	37.83	32.95	62.67	60.49	51.74	42.23	49.63	48.81	53.70	54.42	47.31	584.20
1972	Below Normal	36.14	31.77	24.61	13.48	26.10	37.17	45.22	50.91	51.48	54.37	55.16	48.20	474.61
1973	Above Normal	38.08	33.62	26.63	20.00	37.89	50.26	44.78	50.25	51.47	51.55	53.58	47.89	506.00
1974	Wet	43.68	39.00	34.08	62.68	60.53	62.57	52.98	48.92	50.16	50.38	52.61	46.84	604.43
1975	Wet	42.45	37.79	32.77	61.93	60.43	58.55	50.64	49.63	50.83	50.93	52.80	47.30	596.05
1976	Critical	43.02	38.45	33.64	54.25	53.20	34.12	42.63	49.57	22.76	58.96	44.73	56.09	531.42
1977	Critical	43.10	38.22	29.74	12.61	13.04	13.59	14.54	2.98	1.92	2.40	2.10	1.70	175.94
1978	Above Normal	0.69	10.93	32.38	7.18	12.77	33.61	45.78	46.90	47.76	48.73	50.13	44.45	381.31
1979	Below Normal	38.70	34.33	29.11	44.22	43.07	49.84	48.86	48.06	49.21	49.38	51.25	45.72	531.75
1980	Above Normal	41.39	36.89	32.18	54.02	62.65	70.13	39.54	44.43	45.32	46.01	48.20	42.38	563.14
1981	Dry	37.79	33.57	28.81	62.94	60.92	50.99	42.81	50.57	19.05	61.22	54.50	55.72	558.89
1982	Wet	42.74	37.92	29.52	24.41	29.13	69.00	50.78	50.04	52.82	53.31	55.84	49.23	544.74
1983	Wet	44.56	46.16	65.70	62.77	60.59	68.20	35.60	37.60	44.12	44.69	37.66	37.28	584.93
1984	Wet	38.00	34.25	65.93	62.79	62.75	68.39	43.21	49.41	50.39	50.79	52.89	47.33	626.13
1985	Dry	43.01	38.44	45.79	55.63	56.89	52.96	46.68	46.61	47.75	47.89	49.68	44.39	575.72
1986	Wet	40.23	35.91	31.27	51.57	48.26	54.84	50.25	50.72	51.99	52.38	54.85	48.43	570.70
1987	Dry	43.87	39.25	34.01	63.27	60.51	33.96	29.79	36.36	37.33	37.08	33.18	28.27	476.88
1988	Critical	15.28	10.87	8.94	7.43	11.13	12.63	21.53	25.50	25.77	25.94	23.06	19.59	207.67
1989	Dry	9.65	7.09	6.01	4.92	9.71	12.58	47.08	55.40	42.10	62.61	56.37	56.94	370.46
1990	Critical	43.95	38.96	30.37	13.26	14.25	15.90	27.13	32.82	33.59	33.56	29.89	25.44	339.12
1991	Critical	13.36	9.45	7.93	6.75	9.37	12.33	21.84	24.31	15.74	30.12	26.55	22.78	200.53
1992	Critical	11.34	7.19	7.31	5.95	8.92	11.85	21.58	25.58	25.76	2.18	2.07	20.30	150.03
1993	Above Normal	26.98	2.43	32.83	7.74	23.35	35.14	45.93	48.50	33.30	53.90	55.23	48.89	414.22
1994	Critical	41.34	36.77	30.51	37.57	35.99	29.12	39.25	45.22	38.42	50.09	16.30	44.81	445.39
1995	Wet	9.95	29.71	55.81	7.15	20.38	31.23	53.19	52.35	53.62	54.07	56.36	50.07	473.89
1996	Wet	45.58	40.72	35.50	29.44	34.36	42.18	49.84	48.65	49.73	50.01	52.04	46.49	524.54
1997	Wet	42.26	37.74	32.91	62.67	60.51	71.02	45.38	47.07	48.01	48.47	50.72	44.92	591.68
1998	Wet	40.38	35.96	31.03	62.47	60.54	62.84	46.03	45.78	46.75	47.48	49.67	43.75	572.68
1999	Wet	44.69	40.41	40.45	62.72	60.54	60.77	45.41	48.88	49.88	50.39	52.55	46.93	603.62
2000	Above Normal	42.66	38.11	33.17	57.41	55.46	43.20	46.49	52.92	53.38	56.83	57.36	50.16	587.15
2001	Dry	39.36	34.85	27.56	19.09	18.72	18.14	31.26	38.53	39.57	39.66	35.43	30.14	372.31
2002	Dry	16.37	11.81	9.51	6.46	14.12	23.24	50.64	49.31	50.30	50.74	52.50	47.03	382.03
2003	Above Normal	42.82	27.24	44.40	9.34	15.26	23.28	39.23	45.34	5.58	57.33	57.14	49.98	416.94
	Average	36.09	32.17	30.30	34.71	36.79	41.06	41.93	45.40	41.21	48.70	47.73	43.33	479.41
	Wet	38.99	35.48	34.60	46.04	49.71	57.97	46.97	47.88	49.04	49.81	51.57	45.87	553.93
	Above Normal	40.03	31.57	35.80	33.13	37.52	41.45	44.22	47.72	40.42	52.92	54.32	47.93	507.02
	Below Normal	36.30	36.29	31.81	35.91	36.50	44.80	44.01	48.68	36.24	55.19	56.13	49.38	511.25
	Dry	33.17	28.94	25.53	28.33	28.61	28.66	41.53	47.28	43.24	50.97	48.03	44.46	448.76
	Critical	29.99	25.59	20.86	19.88	20.64	18.30	26.90	31.03	27.80	31.12	22.56	24.45	299.15

Difference in Energy Use (GWh) At Pumping Plant at Teerink: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
1923	Below Normal	0.00	0.00	0.01	0.00	0.00	(0.08)	0.00	0.04	0.03	0.05	0.05	0.03	0.01
1924	Critical	0.00	0.00	(0.01)	(0.35)	(0.30)	(0.26)	(0.43)	(0.56)	(0.61)	(0.60)	(0.53)	(0.45)	(0.34)
1925	Dry	(0.30)	(0.17)	(0.15)	(0.14)	(0.10)	(1.84)	0.14	0.17	0.17	0.18	0.19	0.16	(0.14)
1926	Dry	0.13	0.12	0.10	0.02	(0.01)	(0.05)	(0.08)	(0.13)	(0.13)	(0.14)	(0.15)	(0.13)	(0.04)
1927	Wet	(0.11)	(0.09)	(0.07)	0.01	(0.11)	0.01	0.06	0.06	0.06	0.06	0.06	0.06	0.00
1928	Above Normal	0.06	0.05	0.05	0.06	0.04	0.00	(0.01)	0.03	0.03	0.06	0.04	0.03	0.04
1929	Critical	(0.01)	(0.01)	(0.03)	(0.18)	(0.16)	(0.06)	0.00	(0.01)	(0.01)	(0.02)	(0.01)	0.07	(0.04)
1930	Dry	(0.04)	(0.02)	(0.01)	(0.01)	0.00	0.00	(0.01)	0.00	(0.01)	0.00	(0.01)	(0.01)	(0.01)
1931	Critical	(0.01)	(0.01)	0.00	(0.01)	0.01	0.02	0.04	0.06	0.07	0.06	0.05	0.27	0.05
1932	Dry	0.07	(0.13)	(0.06)	(0.02)	0.00	0.04	0.03	0.01	0.00	0.03	0.08	0.08	0.01
1933	Critical	0.12	0.14	0.11	0.03	0.02	(0.11)	(0.16)	(0.12)	(0.08)	(0.17)	(0.30)	(0.29)	(0.07)
1934	Critical	(0.37)	(0.38)	(0.17)	(0.23)	(0.07)	0.04	0.13	0.17	0.18	0.18	0.51	0.00	0.00
1935	Below Normal	(2.59)	1.47	1.12	0.01	0.01	0.02	(0.24)	(0.29)	(1.47)	(0.12)	(0.09)	(0.08)	(0.19)
1936	Below Normal	(0.05)	(0.03)	(0.02)	0.02	0.09	(0.53)	(0.03)	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)	(0.06)
1937	Below Normal	(0.02)	(0.01)	(0.02)	0.01	(0.01)	6.99	(0.72)	(0.69)	(0.72)	(0.70)	(0.71)	(0.68)	0.23
1938	Wet	(0.69)	(0.64)	(0.60)	(0.01)	0.00	(1.22)	0.98	(2.83)	(2.84)	(1.06)	(2.85)	(0.46)	(1.02)
1939	Dry	(0.47)	(0.42)	(0.39)	0.11	0.12	(1.49)	(4.77)	0.82	5.50	(0.14)	(0.86)	(0.08)	(0.17)
1940	Above Normal	0.17	(7.68)	3.42	(1.58)	(1.38)	(0.43)	(0.02)	(0.02)	(0.09)	0.00	(0.01)	0.00	(0.64)
1941	Wet	(0.01)	(0.01)	0.00	0.00	0.00	(2.20)	0.00	0.00	0.00	0.00	0.00	0.00	(0.19)
1942	Wet	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.20)	(0.16)	(0.17)	(0.18)	(0.21)	(0.15)	(0.09)
1943	Wet	(0.13)	(0.12)	(0.09)	0.77	(0.01)	1.05	1.07	(0.05)	(0.05)	(0.07)	(0.11)	(0.06)	0.18
1944	Dry	(0.03)	(0.01)	0.01	(5.90)	(5.30)	(1.81)	(0.09)	(0.06)	(0.04)	(0.09)	(0.17)	(0.16)	(1.14)
1945	Below Normal	(0.24)	(0.26)	(0.21)	(0.07)	(0.04)	(5.32)	0.06	0.06	0.07	0.06	0.07	0.07	(0.48)
1946	Below Normal	0.06	0.06	0.35	0.00	0.00	0.16	0.20	0.20	0.22	0.21	0.23	0.20	0.16
1947	Dry	0.20	0.18	0.17	0.35	0.08	(0.07)	(0.05)	0.14	0.13	0.21	0.17	0.13	0.14
1948	Below Normal	(0.04)	(0.04)	(0.10)	(0.76)	(0.69)	(0.26)	0.03	0.92	(0.13)	0.06	0.07	0.04	(0.08)
1949	Dry	0.03	0.02	0.02	(0.01)	0.01	(0.04)	(0.01)	0.05	0.04	0.06	0.05	0.04	0.02
1950	Below Normal	0.00	0.00	(0.03)	(0.41)	(0.36)	(0.12)	(0.01)	0.00	0.00	(0.02)	(0.01)	(0.01)	(0.08)
1951	Above Normal	(0.01)	(0.01)	(0.50)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1952	Wet	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(1.60)	(1.70)	(1.80)	(2.09)	(1.60)	(0.73)
1953	Wet	(1.41)	(1.33)	1.88	(0.04)	(0.04)	(5.13)	(9.70)	(0.86)	(0.36)	(0.58)	(0.52)	(0.37)	(1.54)
1954	Above Normal	0.10	0.12	0.33	2.43	2.31	1.69	0.30	0.39	1.92	(0.23)	0.24	0.19	0.82
1955	Dry	0.18	0.16	0.13	0.14	0.02	(0.06)	(0.28)	(0.35)	(0.35)	(0.38)	(0.38)	(0.33)	(0.12)
1956	Wet	(0.28)	(0.25)	(0.21)	(7.56)	0.01	0.01	0.03	0.03	0.04	0.03	0.04	0.04	(0.67)
1957	Above Normal	0.03	0.03	0.03	0.00	(0.01)	(0.02)	0.02	0.15	0.00	0.01	0.01	0.00	0.02
1958	Wet	0.01	0.00	0.00	0.00	0.00	(0.04)	0.00	0.01	0.00	0.00	0.01	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.03	0.00	(1.32)	(1.02)	(1.23)	(8.24)	0.16	0.02	0.08	(0.96)
1960	Dry	0.03	0.04	0.01	(0.19)	(0.17)	0.09	0.06	(0.12)	1.76	(0.58)	1.44	(1.18)	0.10
1961	Dry	(0.70)	(0.64)	(0.43)	0.82	0.73	0.28	0.09	0.11	0.11	0.12	0.54	(0.04)	0.08
1962	Below Normal	(0.02)	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.01	0.00	(0.03)	0.12	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)	(0.02)	0.00
1965	Wet	(0.02)	(0.02)	(0.02)	0.20	0.12	(0.28)	0.02	0.10	(0.72)	0.26	0.25	0.23	0.01
1966	Below Normal	0.15	0.14	0.10	(0.31)	(0.31)	(0.14)	0.00	0.01	(0.03)	0.03	0.02	0.02	(0.03)
1967	Wet	0.00	0.00	0.00	(0.07)	(0.03)	0.00	0.01	(0.05)	(0.06)	(0.07)	(0.07)	(0.06)	(0.03)
1968	Below Normal	(0.04)	(0.04)	(2.26)	0.00	0.00	0.18	0.11	0.83	0.76	1.18	1.07	0.79	0.22
1969	Wet	(0.13)	(0.17)	(0.51)	(10.88)	0.08	0.00	(0.26)	(0.25)	(0.26)	(0.26)	(0.26)	(0.24)	(1.10)
1970	Wet	(0.25)	(0.23)	(0.21)	0.00	0.00	(0.09)	(0.61)	0.09	0.09	0.09	0.09	0.09	(0.08)
1971	Wet	0.09	0.08	0.07	0.00	0.00	(0.08)	(0.09)	(0.11)	(0.86)	0.03	0.01	0.01	(0.07)
1972	Below Normal	0.00	0.01	0.01	0.04	0.04	0.00	(0.01)	(0.03)	(0.02)	(0.03)	(0.02)	(0.03)	0.00
1973	Above Normal	(0.01)	(0.01)	(0.01)	0.06	0.05	0.13	(0.10)	0.01	0.01	0.01	0.01	0.01	0.01
1974	Wet	0.01	0.01	0.01	0.00	0.00	(2.55)	2.22	(0.43)	(0.47)	(0.50)	(0.55)	(0.41)	(0.22)
1975	Wet	(0.36)	(0.31)	(0.25)	(1.04)	(0.47)	(2.15)	0.55	0.55	0.58	0.58	0.60	0.54	(0.10)
1976	Critical	0.54	0.49	0.45	0.62	0.47	0.07	(0.27)	(0.33)	(0.14)	(0.40)	0.21	(0.54)	0.10
1977	Critical	(0.45)	(0.42)	(0.35)	(0.04)	(0.04)	(0.02)	1.63	0.00	0.04	0.00	(0.04)	0.00	0.03
1978	Above Normal	0.00	0.47	(0.12)	0.00	0.01	(0.83)	(0.05)	1.70	1.61	2.36	2.04	1.59	0.73
1979	Below Normal	(0.03)	(0.10)	(0.84)	(8.76)	(15.49)	(1.44)	5.60	0.34	0.35	0.33	0.32	0.35	(1.61)
1980	Above Normal	0.39	0.36	0.36	(2.25)	0.00	1.91	(2.11)	(1.73)	(1.82)	(1.88)	(2.12)	(1.75)	(0.89)
1981	Dry	(1.63)	(1.52)	(1.26)	1.26	(0.08)	5.59	0.94	1.21	8.32	(0.19)	(1.96)	0.51	0.93
1982	Wet	0.46	0.41	0.35	0.16	0.17	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.13
1983	Wet	(3.23)	3.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.01	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(15.90)	3.54	0.02	0.02	0.02	0.03	0.02	(1.02)
1987	Dry	0.02	0.02	0.02	0.00	0.00	0.02	(0.98)	(1.30)	(1.37)	(1.35)	(1.21)	(1.04)	(0.60)
1988	Critical	(0.68)	(0.54)	(0.34)	(0.19)	(0.09)	(0.03)	0.00	0.00	0.01	0.00	0.00	0.00	(0.16)
1989	Dry	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.04)	(0.06)	(0.30)	(0.01)	(1.60)	0.49	(0.13)
1990	Critical	0.41	0.37	0.29	(0.01)	(0.01)	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.09
1991	Critical	0.00	0.00	0.01	0.00	0.00	0.00	(0.01)	(0.51)	0.01	0.14	0.11	0.10	(0.01)
1992	Critical	0.05	(0.51)	0.36	0.20	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.14)	0.00
1993	Above Normal	(0.13)	(0.22)	0.48	0.00	(0.03)	(0.10)	0.00	0.06	(0.54)	0.19	0.18	0.16	0.00
1994	Critical	0.10	0.09	0.04	(0.26)	(0.22)	(0.10)	0.00	0.01	0.07	(0.02)	0.00	(0.03)	(0.03)
1995	Wet	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	(29.16)	(25.79)	(11.60)	(0.96)	(0.98)	(1.03)	(1.03)	(1.04)	(0.91)	(6.04)
1997	Wet	(0.88)	(0.81)	(0.74)	(0.01)	(0.01)	0.08	0.39	0.10	0.10	0.10	0.10	0.09	(0.12)
1998	Wet	0.10	0.09	0.08	0.35	(0.01)	(0.06)	(0.04)	(1.85)	(2.00)	(2.10)	(2.34)	(1.77)	(0.80)
1999	Wet	1.83	(2.40)	0.86	(0.04)	(0.03)	(3.92)	(2.50)	0.09	0.09	0.10	0.11	0.09	(0.48)
2000	Above Normal	0.08	0.07	0.06	0.23	0.29	(0.35)	(0.09)	0.26	0.24	0.38	0.33	0.23	0.14
2001	Dry	(0.09)	(0.10)	(0.21)	(1.60)	(1.43)	(0.39)	0.22	0.29	0.32	0.31	0.28	0.23	(0.18)
2002	Dry	0.16	0.12	0.08	0.02	0.04	(0.02)	(0.15)	(0.15)	(0.16)	(0.16)	(0.16)	(0.15)	(0.04)
2003	Above Normal	(0.14)	1.27	(1.52)	0.51	0.46	0.17	(0.01)	(0.01)	0.00	(0.01)	(0.01)	0.00	0.06
	Average	(0.12)	(0.12)	(0.00)	(0.78)	(0.58)	(0.53)	(0.09)	(0.10)	(0.05)	(0.09)	(0.13)	(0.07)	(0.22)
	Wet	(0.19)	(0.10)	0.02	(1.82)	(1.01)	(1.70)	(0.21)	(0.31)	(0.37)	(0.25)	(0.34)	(0.19)	(0.54)
	Above Normal	0.05	(0.46)	0.22	(0.05)	0.15	0.18	(0.17)	0.07	0.11	0.07	0.06	0.04	0.02
	Below Normal	(0.20)	0.09	(0.13)	(0.73)	(1.20)	(0.13)	0.28	0.01	(0.66)	0.09	0.07	0.05	(0.21)
	Dry	(0.14)	(0.13)	(0.11)	(0.29)	(0.34)	0.02	(0.28)	0.03	0.78	(0.12)	(0.21)	(0.08)	(0.07)
	Critical	(0.02)	(0.07)	0.03	(0.04)	(0.03)	(0.04)	0.08	(0.11)	(0.04)	(0.07)	0.00	(0.08)	(0.03)

Percent Difference in Energy Use (GWh) At Pumping Plant at Teerink: Alternative5_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	-2%	-1%	-1%	-2%	-2%	-2%	-2%	-2%	-2%
1925	Dry	-3%	-2%	-2%	-2%	-1%	-6%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1932	Dry	1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	1%	1%	0%	0%	-1%	-1%	0%	0%	0%	-1%	-1%
1934	Critical	-2%	-3%	-2%	-2%	-1%	0%	0%	0%	0%	0%	8%	0%
1935	Below Normal	-13%	4%	4%	0%	0%	0%	-1%	-1%	-4%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	1%	-1%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	12%	-2%	-1%	-1%	-1%	-1%	-1%
1938	Wet	-2%	-2%	-2%	0%	0%	-2%	2%	-6%	-6%	-2%	-5%	-1%
1939	Dry	-1%	-1%	-1%	0%	0%	-2%	-9%	2%	24%	0%	-2%	0%
1940	Above Normal	0%	-27%	7%	-18%	-13%	-2%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	1%	0%	2%	2%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	-13%	-12%	-7%	0%	0%	0%	0%	0%	0%
1945	Below Normal	-1%	-1%	-1%	-1%	0%	-8%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-2%	-2%	-1%	0%	2%	-3%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-3%	-3%	-1%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	-4%	-4%	-4%	-5%	-4%
1953	Wet	-4%	-4%	4%	0%	0%	-7%	-17%	-2%	-1%	-1%	-1%	-1%
1954	Above Normal	0%	0%	1%	6%	6%	4%	1%	1%	4%	0%	0%	0%
1955	Dry	0%	0%	0%	1%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-1%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-2%	-2%	-2%	-32%	0%	0%	0%
1960	Dry	0%	0%	0%	-1%	-1%	1%	0%	0%	4%	-1%	3%	-2%
1961	Dry	-1%	-2%	-1%	5%	4%	2%	0%	0%	0%	0%	1%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	-2%	1%	1%	1%
1966	Below Normal	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	-6%	0%	0%	0%	0%	2%	2%	2%	2%	2%
1969	Wet	0%	-1%	-2%	-24%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1970	Wet	-1%	-1%	-1%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	-4%	4%	-1%	-1%	-1%	-1%	-1%
1975	Wet	-1%	-1%	-1%	-2%	-1%	-4%	1%	1%	1%	1%	1%	1%
1976	Critical	1%	1%	1%	1%	1%	0%	-1%	-1%	-1%	-1%	0%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	13%	0%	2%	0%	-2%	0%
1978	Above Normal	0%	4%	0%	0%	0%	-2%	0%	4%	3%	5%	4%	4%
1979	Below Normal	0%	0%	-3%	-17%	-26%	-3%	13%	1%	1%	1%	1%	1%
1980	Above Normal	1%	1%	1%	-4%	0%	3%	-5%	-4%	-4%	-4%	-4%	-4%
1981	Dry	-4%	-4%	-4%	2%	0%	12%	2%	2%	78%	0%	-3%	1%
1982	Wet	1%	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	-7%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-22%	8%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-3%	-3%	-4%	-4%	-4%	-4%
1988	Critical	-4%	-5%	-4%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	-3%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%
1992	Critical	0%	-7%	5%	3%	0%	0%	0%	0%	0%	0%	0%	-1%
1993	Above Normal	0%	-8%	1%	0%	0%	0%	0%	0%	-2%	0%	0%	0%
1994	Critical	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	-50%	-43%	-22%	-2%	-2%	-2%	-2%	-2%	-2%
1997	Wet	-2%	-2%	-2%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	1%	0%	0%	0%	-4%	-4%	-4%	-4%	-4%
1999	Wet	4%	-6%	2%	0%	0%	-6%	-5%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	1%	-1%	0%	0%	0%	1%	1%	0%
2001	Dry	0%	0%	-1%	-8%	-7%	-2%	1%	1%	1%	1%	1%	1%
2002	Dry	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	5%	-3%	6%	3%	1%	0%	0%	0%	0%	0%	0%
	Average	0%	-1%	0%	-2%	-1%	-1%	0%	0%	1%	0%	0%	0%
	Wet	0%	0%	0%	-3%	-2%	-3%	0%	-1%	-1%	-1%	-1%	0%
	Above Normal	0%	-2%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	-1%	0%	0%	-2%	-2%	0%	1%	0%	-3%	0%	0%	0%
	Dry	0%	0%	0%	-1%	-1%	0%	-1%	0%	6%	0%	0%	0%
	Critical	0%	-1%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%