Hydropower Modeling Attachment: Alternative Plan 2, 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: Alternative2_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	10.05	9.75	10.68	9.40	104.44
1923	Below Normal	9.02	8.11	7.17	11.23	10.15	11.23	10.13	1.53	0.76	11.23	11.23	10.87	102.66
1924	Critical	10.54	9.49	8.39	7.98	7.58	4.62	5.48	7.38	5.67	0.39	0.35	0.29	68.16
1925	Dry	5.42	9.86	11.23	1.89	2.66	3.29	6.86	8.74	9.13	9.01	9.83	9.15	87.07
1926	Dry	7.20	6.43	5.59	3.03	3.54	4.20	6.37	9.50	9.79	9.65	10.60	9.85	85.75
1927	Wet	7.77	6.92	5.99	3.25	4.83	7.47	8.82	9.18	10.12	9.72	10.44	9.29	93.80
1928	Above Normal	8.98	8.10	7.28	11.23	10.51	7.10	8.77	10.09	7.97	10.71	11.23	10.58	112.55
1929	Critical	9.22	8.31	7.40	8.64	8.08	4.46	4.27	5.75	5.95	5.38	5.27	0.83	73.56
1930	Dry	4.72	3.51	2.94	1.46	2.40	2.86	6.50	8.49	8.77	8.33	8.77	8.22	66.97
1931	Critical	6.00	5.10	4.43	2.19	2.83	2.70	5.66	7.61	7.85	7.06	6.93	1.37	59.73
1932	Dry	3.54	5.35	4.40	1.74	3.03	3.53	6.29	8.09	8.79	8.59	9.25	8.66	71.26
1933	Critical	6.73	5.96	4.93	2.86	3.01	3.44	6.45	8.63	9.04	8.43	8.68	8.19	76.35
1934	Critical	5.55	3.79	4.87	2.14	2.45	2.60	5.84	7.84	8.10	7.27	0.36	0.29	51.10
1935	Below Normal	4.82	9.53	7.57	1.67	2.71	3.26	8.16	10.51	4.66	11.23	11.23	10.87	86.22
1936	Below Normal	9.53	8.59	7.33	3.51	4.34	8.33	8.98	9.78	10.73	10.31	11.11	9.88	102.42
1937	Below Normal	9.55	8.63	7.73	11.23	10.15	11.23	8.88	9.37	10.32	9.99	10.81	9.50	117.39
1938	Wet	9.11	8.22	6.96	11.23	10.15	11.23	8.49	9.02	9.50	9.72	10.73	9.36	113.72
1939	Dry	8.95	8.02	7.15	11.23	10.15	11.23	8.30	10.10	2.30	11.23	6.60	10.87	106.13
1940	Above Normal	10.51	1.92	11.00	1.53	1.76	4.29	8.05	10.52	8.20	11.23	11.23	10.87	91.11
1941	Wet	9.24	8.30	6.74	4.70	5.53	11.23	7.68	8.33	9.22	9.02	9.92	8.65	98.56
1942	Wet	8.26	7.41	6.14	11.23	10.15	11.23	9.91	8.66	9.58	9.26	10.10	8.93	110.86
1943	Wet	8.61	7.74	6.88	11.23	10.15	10.76	9.79	9.82	10.75	10.41	11.23	10.01	117.38
1944	Dry	9.63	8.68	7.73	9.71	8.82	5.30	6.49	8.43	9.00	8.74	9.34	8.76	100.63
1945	Below Normal	6.69	5.84	5.12	3.04	3.37	11.23	8.97	9.38	10.34	9.93	10.68	9.50	94.09
1946	Below Normal	9.18	8.28	8.04	11.23	8.45	8.01	8.50	8.91	9.82	9.46	10.28	9.14	109.30
1947	Dry	8.82	7.96	7.10	11.23	10.15	7.35	8.74	10.15	10.74	10.45	11.23	10.37	114.29
1948	Below Normal	8.94	8.04	7.12	7.98	7.53	4.22	6.13	6.24	0.31	11.23	11.23	10.87	89.84
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	0.56	11.23	11.23	10.87	82.19
1951	Above Normal	9.09	8.14	6.82	11.23	10.15	11.23	8.36	9.17	10.11	9.72	10.55	9.39	113.96
1952	Wet	9.07	8.17	7.30	11.23	10.51	8.91	7.30	7.74	8.09	8.43	9.29	8.10	104.14
1953	Wet	7.73	6.90	10.81	11.23	10.15	11.23	8.61	8.59	9.40	9.17	10.02	9.05	112.89
1954	Above Normal	8.28	7.44	6.54	11.08	10.15	8.18	8.19	10.44	10.80	9.65	11.23	10.87	112.85
1955	Dry	8.78	7.84	6.79	3.65	4.35	4.27	6.72	8.59	8.83	8.74	9.57	8.89	87.02
1956	Wet	6.98	6.20	5.38	9.47	10.51	11.23	9.57	10.08	10.87	10.63	11.23	10.28	112.43
1957	Above Normal	9.93	8.95	7.99	11.23	10.15	8.52	6.72	4.80	0.83	11.20	11.23	10.87	102.42
1958	Wet	8.83	7.92	6.78	3.91	6.06	11.23	9.73	10.27	10.87	10.90	11.23	10.46	108.19
1959	Below Normal	10.08	9.05	8.14	11.23	10.15	11.23	7.55	9.59	2.09	11.23	11.23	10.87	112.44
1960	Dry	9.04	8.11	7.02	3.16	3.10	3.40	8.68	10.86	5.82	11.23	7.72	10.87	89.01
1961	Dry	9.98	8.93	7.70	4.16	4.52	3.51	7.31	9.29	9.54	9.40	7.66	3.64	85.64
1962	Below Normal	0.99	6.80	11.23	1.13	1.72	4.00	7.40	9.50	0.80	11.23	11.23	10.87	76.90
1963	Wet	9.48	8.51	7.30	6.16	6.24	6.96	8.33	8.80	9.70	9.35	10.15	9.04	100.02
1964	Dry	8.73	7.86	8.71	11.23	6.18	6.33	8.93	9.13	9.59	9.20	9.97	8.82	104.68
1965	Wet	8.52	7.63	6.91	11.07	10.15	8.06	8.18	8.58	8.67	9.19	9.97	8.93	105.86
1966	Below Normal	8.46	7.61	6.77	11.23	10.15	8.73	7.90	9.82	9.36	10.44	11.23	10.72	112.42
1967	Wet	8.78	7.85	6.83	4.84	7.07	7.43	9.04	9.46	9.91	10.05	10.94	9.67	101.87
1968	Below Normal	9.31	8.07	7.57	11.23	10.51	11.23	9.25	9.32	10.08	9.88	10.95	10.04	117.44
1969	Wet	8.56	7.67	6.62	8.04	10.15	11.23	8.60	9.13	9.57	9.81	10.83	9.46	109.67
1970	Wet	9.19	8.00	7.22	11.23	10.15	11.23	8.43	9.19	10.13	9.73	10.56	9.39	114.45
1971	Wet	9.08	8.18	7.30	11.23	10.15	10.41	7.55	9.74	9.93	10.26	11.23	10.57	115.63
1972	Below Normal	8.48	7.58	6.61	4.32	5.69	6.46	8.09	9.92	10.17	9.99	11.04	10.16	98.51
1973	Above Normal	8.33	7.43	6.46	5.46	8.09	8.18	8.75	9.44	10.40	9.96	10.76	9.57	102.83
1974	Wet	9.26	8.35	7.47	11.23	10.15	11.23	9.65	9.27	10.23	9.85	10.74	9.53	116.96
1975	Wet	9.18	8.25	7.34	11.23	10.15	11.16	9.04	9.28	10.24	9.80	10.54	9.40	115.61
1976	Critical	9.06	8.18	7.35	11.23	10.51	7.31	7.58	9.71	1.75	10.89	6.75	10.87	101.19
1977	Critical	9.30	8.32	7.14	2.80	3.10	2.55	1.72	0.25	0.30	0.45	0.38	0.29	36.60
1978	Above Normal	0.11	1.72	10.61	1.22	3.09	5.74	8.18	8.90	9.78	9.46	10.23	9.20	78.24
1979	Below Normal	8.49	7.63	6.77	11.23	10.15	9.26	8.78	9.06	10.01	9.61	10.37	9.21	110.57
1980	Above Normal	8.86	7.98	7.14	11.23	10.51	11.23	7.98	8.61	9.51	9.29	10.18	8.90	111.42
1981	Dry	8.52	7.63	6.73	11.23	10.15	9.96	7.60	9.90	2.28	11.23	10.34	10.87	106.44
1982	Wet	9.73	8.75	7.45	5.90	6.12	11.23	10.22	9.92	10.87	10.56	11.23	10.18	112.16
1983	Wet	9.79	8.52	11.23	11.23	10.15	11.23	7.24	7.78	8.49	9.19	9.20	8.22	112.27
1984	Wet	8.25	7.41	11.23	11.23	10.51	11.23	8.42	9.28	10.19	9.82	10.66	9.50	117.73
1985	Dry	9.16	8.27	8.30	11.23	10.15	10.07	8.33	8.72	9.60	9.20	9.93	8.82	111.78
1986	Wet	8.52	7.68	7.00	11.23	10.15	10.18	9.50	9.81	10.79	10.45	11.23	9.99	116.53
1987	Dry	9.60	8.65	7.61	11.23	10.15	7.86	6.08	8.19	8.66	7.76	7.65	7.26	100.70
1988	Critical	4.85	3.78	3.27	1.87	2.52	2.25	4.21	5.60	5.81	5.26	5.13	4.85	49.40
1989	Dry	3.13	2.37	2.06	1.43	2.12	2.21	8.43	10.90	6.21	11.23	10.27	10.87	71.23
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	5.10	2.12	6.18	5.98	5.70	45.36
1992	Critical	3.61	2.41	2.53	1.43	1.92	1.99	4.22	5.61	5.81	0.39	0.36	2.82	33.10
1993	Above Normal	7.19	0.57	9.38	1.40	4.54	5.88	8.21	9.30	4.45	10.47	11.23	10.39	83.01
1994	Critical	9.21	8.30	7.26	9.58	9.08	5.86	6.94	8.83	6.53	9.19	1.82	8.32	90.92
1995	Wet	2.20	1.76	11.23	1.12	4.07	5.45	9.69	9.96	10.87	10.57	11.23	10.13	88.28
1996	Wet	9.76	8.80	7.96	6.69	7.05	7.35	8.92	9.12	10.05	9.67	10.46	9.30	105.13
1997	Wet	8.98	8.11	6.97	11.23	10.15	11.23	8.50	8.98	9.88	9.58	10.48	9.25	113.34
1998	Wet	8.88	7.99	7.08	11.23	10.15	11.23	8.40	8.77	9.19	8.96	10.32	9.06	111.26
1999	Wet	9.61	8.74	9.26	11.23	10.15	11.17	8.45	9.20	10.12	9.78	10.62	9.44	117.77
2000	Above Normal	9.12	8.23	7.34	11.23	10.51	8.90	8.30	10.33	10.87	10.93	11.23	10.87	117.86
2001	Dry	9.03	8.12	6.99	5.01	4.61	3.64	6.43	8.72	9.08	8.17	8.05	7.63	85.48
2002	Dry	5.03	3.92	3.37	2.31	3.57	4.34	9.02	9.20	9.63	9.26	9.94	8.81	78.40
2003	Above Normal	8.48	3.68	8.79	2.37	3.48	4.22	6.91	8.83	1.01	10.85	11.23	10.87	80.72
	Average	8.07	7.21	7.19	7.10	7.02	7.36	7.80	8.74	8.00	9.31	9.46	8.81	96.07
	Wet	8.59	7.69	7.67	8.98	8.88	10.10	8.77	9.15	9.89	9.76	10.56	9.43	109.48
	Above Normal	8.34	6.25	8.37	6.87	7.25	7.47	8.10	9.13	7.83	10.27	10.92	10.15	100.95
	Below Normal	8.01	7.96	7.43	7.34	6.99	7.97	8.29	8.73	6.43	10.50	10.99	10.24	100.89
	Dry	7.69	7.20	6.58	6.00	5.74	5.39	7.55	9.28	8.23	9.52	9.31	9.01	91.48
	Critical	7.31	6.28	5.64	4.61	4.72	3.59	5.18	6.64	5.55	5.64	4.06	4.18	63.39

Difference in Energy generated (GWh) at Alamo Dam: Alternative2_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	0.96	1.00	1.14	0.99	0.48
1923	Below Normal	0.95	0.88	0.66	0.00	0.00	0.00	2.37	(7.99)	(8.95)	1.63	0.52	1.04	(0.74)
1924	Critical	2.40	2.26	2.09	2.83	2.32	0.89	0.56	0.78	(1.18)	(5.76)	(5.67)	(5.41)	(0.32)
1925	Dry	1.72	7.03	8.78	0.35	0.58	(0.67)	(1.06)	(1.64)	(1.48)	(1.46)	(1.40)	(1.54)	0.77
1926	Dry	(1.23)	(1.09)	(0.91)	0.08	(0.07)	0.19	(0.01)	0.54	0.61	0.60	0.64	0.61	0.00
1927	Wet	0.49	0.45	0.39	0.17	0.01	0.10	(0.16)	(0.18)	0.29	0.30	0.27	0.29	0.20
1928	Above Normal	0.30	0.31	0.21	0.00	0.00	(0.18)	(0.19)	0.84	(1.71)	1.43	1.27	1.73	0.33
1929	Critical	0.77	0.71	0.48	(2.59)	(2.07)	(1.32)	0.21	(0.25)	(0.26)	(0.22)	(0.22)	(4.16)	(0.74)
1930	Dry	1.29	0.91	0.69	0.02	0.06	0.18	(0.01)	(0.03)	(0.04)	(0.01)	0.00	0.00	0.26
1931	Critical	0.03	0.04	0.03	0.05	0.09	0.12	(0.02)	(0.04)	(0.04)	(0.03)	(0.03)	(5.13)	(0.41)
1932	Dry	(0.58)	1.93	1.47	0.00	0.06	0.16	0.00	0.01	0.49	0.48	0.47	0.48	0.41
1933	Critical	0.47	0.46	0.16	0.49	0.01	0.11	0.04	(0.08)	0.02	0.18	0.35	0.32	0.21
1934	Critical	0.18	(0.48)	1.17	0.24	0.11	(0.07)	(0.25)	(0.35)	(0.36)	(0.32)	(0.72)	0.00	(0.07)
1935	Below Normal	0.76	(0.50)	(0.35)	(0.04)	(0.03)	(0.01)	0.06	0.08	1.16	0.00	0.00	0.00	0.09
1936	Below Normal	0.51	0.50	0.36	0.48	(0.01)	(0.53)	0.00	0.01	0.48	0.49	0.49	0.48	0.27
1937	Below Normal	0.49	0.49	0.35	0.00	0.00	0.47	(0.12)	(0.12)	0.36	0.37	0.37	0.37	0.25
1938	Wet	0.37	0.38	(0.10)	0.00	0.00	0.00	(0.07)	(0.91)	(0.91)	0.21	(0.42)	0.42	(0.09)
1939	Dry	0.42	0.42	0.43	0.00	0.00	0.00	(0.86)	0.13	0.49	0.08	0.19	0.00	0.11
1940	Above Normal	0.46	(2.32)	0.80	0.10	(0.32)	(0.09)	0.00	(0.01)	0.45	0.32	0.00	0.00	(0.05)
1941	Wet	0.48	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.48	0.49	0.48	0.24
1942	Wet	0.48	0.48	0.00	0.00	0.00	0.00	(0.01)	(0.03)	0.44	0.44	0.43	0.44	0.22
1943	Wet	0.45	0.45	0.35	0.00	0.00	0.36	0.16	(0.02)	0.46	0.45	0.35	0.45	0.29
1944	Dry	0.45	0.46	0.36	(1.30)	(1.60)	(0.56)	0.00	0.01	0.39	0.38	0.36	0.36	(0.06)
1945	Below Normal	0.35	0.34	0.34	0.36	(0.01)	0.00	0.01	0.01	0.50	0.49	0.50	0.49	0.28
1946	Below Normal	0.50	0.49	0.47	0.00	0.00	0.03	0.04	0.04	0.52	0.52	0.53	0.52	0.31
1947	Dry	0.52	0.52	0.39	0.00	0.00	0.01	0.00	0.04	0.29	0.30	0.22	0.31	0.22
1948	Below Normal	0.27	0.27	0.26	0.06	(0.18)	(0.06)	0.01	0.29	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	0.01	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	0.25	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	0.48	0.48	0.48	0.48	0.20
1952	Wet	0.48	0.48	0.36	0.00	0.00	0.00	0.00	(0.48)	(0.50)	(0.05)	(0.16)	(0.01)	0.01
1953	Wet	0.04	0.09	1.22	0.00	0.00	0.00	(1.77)	(0.19)	0.39	0.38	0.34	0.33	0.07
1954	Above Normal	0.44	0.45	0.34	1.12	0.00	0.30	0.06	0.08	0.79	0.08	0.00	0.01	0.31
1955	Dry	0.22	0.22	0.21	0.19	0.00	(0.01)	(0.05)	(0.07)	(0.01)	(0.01)	(0.02)	(0.02)	0.05
1956	Wet	0.00	0.00	0.01	(1.76)	0.00	0.00	0.01	0.01	0.31	0.49	0.15	0.49	(0.02)
1957	Above Normal	0.49	0.48	0.38	0.00	0.00	0.00	0.00	0.05	0.48	0.49	0.00	0.11	0.21
1958	Wet	0.49	0.48	0.35	0.48	0.00	0.00	0.00	0.00	0.11	0.49	0.00	0.48	0.24
1959	Below Normal	0.48	0.48	0.48	0.00	0.00	0.00	(0.20)	(0.25)	0.32	0.28	0.00	0.00	0.13
1960	Dry	0.30	0.31	0.30	0.28	(0.05)	0.01	0.01	(0.04)	0.63	0.00	0.52	0.00	0.19
1961	Dry	(0.20)	(0.19)	(0.16)	0.21	0.19	0.08	0.02	0.02	0.02	0.02	0.16	(0.01)	0.01
1962	Below Normal	0.17	(0.04)	0.00	0.00	0.00	0.00	0.00	0.01	0.48	0.00	0.00	0.00	0.05
1963	Wet	0.48	0.48	0.35	0.48	0.00	0.00	0.00	0.00	0.48	0.48	0.48	0.48	0.31
1964	Dry	0.48	0.48	0.35	0.00	0.01	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.11
1965	Wet	(0.01)	0.00	0.00	0.05	0.00	(0.02)	0.00	0.02	0.21	0.52	0.53	0.54	0.15
1966	Below Normal	0.52	0.51	0.39	0.00	0.00	(0.03)	0.00	0.00	0.42	0.44	0.07	0.44	0.23
1967	Wet	0.44	0.44	0.41	0.42	(0.01)	0.00	0.00	(0.01)	(0.02)	0.46	0.46	0.47	0.26
1968	Below Normal	0.47	0.16	0.47	0.00	0.00	0.00	0.40	0.19	0.64	0.66	0.73	0.74	0.37
1969	Wet	0.55	0.54	0.37	(0.92)	0.00	0.00	(0.05)	(0.06)	(0.06)	0.43	0.43	0.43	0.14
1970	Wet	0.48	0.44	0.44	0.00	0.00	0.00	0.00	0.04	0.52	0.52	0.52	0.51	0.29
1971	Wet	0.51	0.51	0.38	0.00	0.00	0.02	(0.02)	(0.02)	0.13	0.39	0.22	0.39	0.21
1972	Below Normal	0.38	0.39	0.39	0.39	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.13
1973	Above Normal	0.00	0.00	0.00	0.01	0.01	0.03	(0.03)	0.01	0.48	0.49	0.48	0.48	0.16
1974	Wet	0.49	0.49	0.36	0.00	0.00	0.00	0.44	(0.11)	0.37	0.37	0.34	0.38	0.26
1975	Wet	0.38	0.39	0.30	0.00	0.00	(0.07)	0.09	0.10	0.58	0.57	0.58	0.57	0.29
1976	Critical	0.57	0.56	0.43	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)	0.48	0.00	0.01	0.00	0.00	0.00	0.02
1978	Above Normal	0.00	(0.16)	0.09	0.00	0.00	(0.10)	(0.01)	0.41	0.86	0.90	0.98	1.05	0.34
1979	Below Normal	0.64	0.62	0.42	0.00	0.00	1.37	0.30	0.05	0.53	0.51	0.51	0.52	0.46
1980	Above Normal	0.52	0.52	0.40	0.00	0.00	0.00	(0.56)	(0.44)	0.02	0.01	(0.07)	0.03	0.04
1981	Dry	0.06	0.10	0.06	0.00	0.00	0.88	0.18	0.25	0.53	0.00	(0.18)	0.00	0.16
1982	Wet	0.61	0.59	0.45	0.53	0.06	0.00	0.00	0.00	0.46	0.48	0.12	0.49	0.32
1983	Wet	0.38	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.48	0.12
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.48	0.48	0.48	0.16
1985	Dry	0.48	0.48	0.36	0.00	0.00	0.00	0.00	0.00	0.41	0.41	0.42	0.41	0.25
1986	Wet	0.42	0.41	0.41	0.00	0.00	(1.05)	0.22	0.01	0.49	0.49	0.32	0.49	0.18
1987	Dry	0.49	0.49	0.31	0.00	0.00	0.00	(0.22)	(0.32)	(0.14)	(0.10)	(0.10)	(0.09)	0.03
1988	Critical	0.00	0.03	0.05	0.14	(0.04)	(0.01)	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	(0.01)	(0.02)	(0.11)	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	(0.20)	(0.01)	0.03	0.03	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	(0.06)	(0.01)
1993	Above Normal	(0.05)	(0.08)	0.16	0.00	(0.01)	(0.02)	0.00	0.02	0.28	0.52	0.35	0.52	0.14
1994	Critical	0.51	0.50	0.37	0.41	(0.07)	(0.03)	0.00	0.01	0.02	0.00	0.00	0.00	0.14
1995	Wet	1.25	(0.59)	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.49	0.24	0.48	0.19
1996	Wet	0.48	0.48	0.48	(4.54)	(3.46)	(2.63)	(0.20)	(0.21)	0.26	0.27	0.26	0.28	(0.71)
1997	Wet	0.29	0.31	(0.08)	0.00	0.00	0.00	0.02	0.02	0.50	0.50	0.50	0.50	0.21
1998	Wet	0.50	0.50	0.39	0.00	0.00	0.00	(0.02)	(0.49)	(0.53)	(0.55)	(0.18)	(0.02)	(0.03)
1999	Wet	0.97	(0.03)	0.74	0.00	0.00	(0.06)	(0.03)	0.03	0.51	0.51	0.52	0.51	0.31
2000	Above Normal	0.51	0.51	0.37	0.00	0.00	(0.03)	(0.01)	0.07	0.36	0.56	0.00	0.40	0.23
2001	Dry	0.50	0.49	0.35	0.04	(0.40)	(0.11)	0.05	0.07	0.14	0.13	0.13	0.13	0.13
2002	Dry	0.11	0.10	0.09	0.08	0.00	0.00	(0.03)	(0.03)	(0.03)	(0.03)	(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	0.28	0.29	0.00	0.24	0.08
	Average	0.38	0.37	0.39	(0.00)	(0.06)	(0.03)	0.00	(0.12)	0.08	0.20	0.13	0.09	0.12
	Wet	0.44	0.32	0.29	(0.20)	(0.13)	(0.13)	(0.05)	(0.10)	0.23	0.37	0.30	0.42	0.15
	Above Normal	0.24	0.04	0.19	0.17	(0.01)	0.00	(0.03)	0.12	0.31	0.55	0.39	0.50	0.21
	Below Normal	0.46	0.33	0.30	0.08	(0.02)	0.09	0.20	(0.55)	(0.24)	0.38	0.27	0.33	0.14
	Dry	0.28	0.70	0.73	(0.00)	(0.07)	0.01	(0.11)	(0.06)	0.12	0.04	0.04	0.04	0.15
	Critical	0.41	0.32	0.41	0.13	0.03	(0.02)	0.08	(0.02)	(0.15)	(0.52)	(0.51)	(1.20)	(0.09)

Percent Difference in Energy generated (GWh) at Alamo Dam: Alternative2_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%	11%	11%	12%	12%
1923	Below Normal	12%	12%	10%	0%	0%	0%	31%	-84%	-92%	17%	5%	11%
1924	Critical	29%	31%	33%	55%	44%	24%	11%	12%	-17%	-94%	-94%	-95%
1925	Dry	46%	248%	358%	23%	28%	-17%	-13%	-16%	-14%	-14%	-12%	-14%
1926	Dry	-15%	-14%	-14%	3%	-2%	5%	0%	6%	7%	7%	6%	7%
1927	Wet	7%	7%	7%	6%	0%	1%	-2%	-2%	3%	3%	3%	3%
1928	Above Normal	3%	4%	3%	0%	0%	-2%	-2%	9%	-18%	15%	13%	20%
1929	Critical	9%	9%	7%	-23%	-20%	-23%	5%	-4%	-4%	-4%	-4%	-83%
1930	Dry	38%	35%	31%	1%	3%	7%	0%	0%	0%	0%	0%	0%
1931	Critical	1%	1%	1%	2%	3%	5%	0%	-1%	-1%	0%	0%	-79%
1932	Dry	-14%	56%	50%	0%	2%	5%	0%	0%	6%	6%	5%	6%
1933	Critical	8%	8%	3%	21%	0%	3%	1%	-1%	0%	2%	4%	4%
1934	Critical	3%	-11%	32%	13%	5%	-3%	-4%	-4%	-4%	-4%	-67%	0%
1935	Below Normal	19%	-5%	-4%	-2%	-1%	0%	1%	1%	33%	0%	0%	0%
1936	Below Normal	6%	6%	5%	16%	0%	-6%	0%	0%	5%	5%	5%	5%
1937	Below Normal	5%	6%	5%	0%	0%	4%	-1%	-1%	4%	4%	4%	4%
1938	Wet	4%	5%	-1%	0%	0%	0%	-1%	-9%	-9%	2%	-4%	5%
1939	Dry	5%	6%	6%	0%	0%	0%	-9%	1%	27%	1%	3%	0%
1940	Above Normal	5%	-55%	8%	7%	-15%	-2%	0%	0%	6%	3%	0%	0%
1941	Wet	5%	6%	0%	0%	0%	0%	0%	0%	5%	6%	5%	6%
1942	Wet	6%	7%	0%	0%	0%	0%	0%	0%	5%	5%	4%	5%
1943	Wet	6%	6%	5%	0%	0%	3%	2%	0%	4%	5%	3%	5%
1944	Dry	5%	6%	5%	-12%	-15%	-10%	0%	0%	5%	5%	4%	4%
1945	Below Normal	6%	6%	7%	13%	0%	0%	0%	0%	5%	5%	5%	5%
1946	Below Normal	6%	6%	6%	0%	0%	0%	0%	0%	6%	6%	5%	6%
1947	Dry	6%	7%	6%	0%	0%	0%	0%	0%	3%	3%	2%	3%
1948	Below Normal	3%	3%	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%	5%	5%	5%	5%
1952	Wet	6%	6%	5%	0%	0%	0%	0%	-6%	-6%	-1%	-2%	0%
1953	Wet	1%	1%	13%	0%	0%	0%	-17%	-2%	4%	4%	4%	4%
1954	Above Normal	6%	6%	5%	11%	0%	4%	1%	1%	8%	1%	0%	0%
1955	Dry	3%	3%	3%	5%	0%	0%	-1%	-1%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	-16%	0%	0%	0%	0%	3%	5%	1%	5%
1957	Above Normal	5%	6%	5%	0%	0%	0%	0%	1%	137%	5%	0%	1%
1958	Wet	6%	6%	5%	14%	0%	0%	0%	0%	1%	5%	0%	5%
1959	Below Normal	5%	6%	6%	0%	0%	0%	-3%	-3%	18%	3%	0%	0%
1960	Dry	3%	4%	4%	10%	-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%	-1%	0%	0%	0%	0%	0%	0%	150%	0%	0%	0%
1963	Wet	5%	6%	5%	8%	0%	0%	0%	0%	5%	5%	5%	6%
1964	Dry	6%	7%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	2%	6%	6%	6%
1966	Below Normal	7%	7%	6%	0%	0%	0%	0%	0%	5%	4%	1%	4%
1967	Wet	5%	6%	6%	10%	0%	0%	0%	0%	0%	5%	4%	5%
1968	Below Normal	5%	2%	7%	0%	0%	0%	5%	2%	7%	7%	7%	8%
1969	Wet	7%	8%	6%	-10%	0%	0%	-1%	-1%	-1%	5%	4%	5%
1970	Wet	6%	6%	6%	0%	0%	0%	0%	0%	5%	6%	5%	6%
1971	Wet	6%	7%	5%	0%	0%	0%	0%	0%	1%	4%	2%	4%
1972	Below Normal	5%	5%	6%	10%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1974	Wet	6%	6%	5%	0%	0%	0%	5%	-1%	4%	4%	3%	4%
1975	Wet	4%	5%	4%	0%	0%	-1%	1%	1%	6%	6%	6%	6%
1976	Critical	7%	7%	6%	0%	0%	0%	-1%	-1%	-1%	-1%	2%	0%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	39%	0%	3%	0%	0%	0%
1978	Above Normal	0%	-9%	1%	0%	0%	-2%	0%	5%	10%	11%	11%	13%
1979	Below Normal	8%	9%	7%	0%	0%	17%	4%	1%	6%	6%	5%	6%
1980	Above Normal	6%	7%	6%	0%	0%	0%	-7%	-5%	0%	0%	-1%	0%
1981	Dry	1%	1%	1%	0%	0%	10%	2%	3%	30%	0%	-2%	0%
1982	Wet	7%	7%	6%	10%	1%	0%	0%	0%	4%	5%	1%	5%
1983	Wet	4%	1%	0%	0%	0%	0%	0%	0%	0%	0%	6%	6%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1985	Dry	6%	6%	5%	0%	0%	0%	0%	0%	4%	5%	4%	5%
1986	Wet	5%	6%	6%	0%	0%	-9%	2%	0%	5%	5%	3%	5%
1987	Dry	5%	6%	4%	0%	0%	0%	-3%	-4%	-2%	-1%	-1%	-1%
1988	Critical	0%	1%	2%	8%	-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%	-12%	2%	0%	0%	0%	0%	0%	7%	5%	3%	5%
1994	Critical	6%	6%	5%	4%	-1%	-1%	0%	0%	0%	0%	0%	0%
1995	Wet	132%	-25%	0%	0%	0%	0%	0%	0%	4%	5%	2%	5%
1996	Wet	5%	6%	6%	-40%	-33%	-26%	-2%	-2%	3%	3%	3%	3%
1997	Wet	3%	4%	-1%	0%	0%	0%	0%	0%	5%	6%	5%	6%
1998	Wet	6%	7%	6%	0%	0%	0%	0%	-5%	-5%	-6%	-2%	0%
1999	Wet	11%	0%	9%	0%	0%	-1%	0%	0%	5%	6%	5%	6%
2000	Above Normal	6%	7%	5%	0%	0%	0%	0%	1%	3%	5%	0%	4%
2001	Dry	6%	6%	5%	1%	-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%	38%	3%	0%	2%
	Average	7%	7%	9%	2%	0%	0%	1%	-1%	7%	2%	0%	0%
	Wet	10%	4%	4%	-1%	-1%	-1%	-1%	-1%	2%	4%	3%	5%
	Above Normal	3%	-2%	2%	4%	-1%	0%	0%	1%	18%	6%	4%	6%
	Below Normal	8%	5%	5%	2%	-1%	1%	3%	-6%	16%	4%	3%	4%
	Dry	6%	21%	26%	2%	1%	0%	-1%	-1%	4%	1%	1%	1%
	Critical	5%	4%	8%	7%	2%	0%	4%	0%	-2%	-8%	-13%	-21%

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: Alternative2_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	64.46	67.94	68.60	63.42	743.18
1923	Below Normal	54.08	50.00	41.58	68.90	59.84	92.90	86.38	56.89	4.44	89.21	85.03	73.63	762.88
1924	Critical	60.64	56.00	42.85	34.78	27.59	26.90	34.25	32.78	31.04	1.71	1.68	1.40	351.62
1925	Dry	35.31	38.50	35.29	15.93	13.39	24.72	58.15	57.44	55.31	65.56	60.18	49.45	509.23
1926	Dry	35.14	32.15	19.99	19.33	15.83	31.63	42.84	61.81	59.22	70.37	64.49	52.81	505.61
1927	Wet	38.14	34.93	22.01	13.38	16.40	69.80	75.77	69.11	70.00	73.78	74.51	69.23	627.06
1928	Above Normal	60.35	55.50	46.55	54.45	49.94	35.69	74.54	70.82	70.34	81.25	78.16	68.43	746.02
1929	Critical	56.37	51.85	40.04	34.49	28.70	25.63	28.58	26.67	24.22	28.79	21.69	9.78	376.81
1930	Dry	4.98	1.54	0.10	8.96	12.94	22.38	48.17	47.13	44.57	52.72	44.88	35.26	323.63
1931	Critical	18.99	15.98	7.48	13.95	13.17	20.93	35.05	33.55	31.85	38.10	28.36	20.52	277.93
1932	Dry	8.46	8.02	1.55	13.78	12.67	27.13	51.74	50.80	50.68	59.53	53.80	44.09	382.25
1933	Critical	29.44	26.61	14.30	17.52	14.10	25.18	41.37	43.50	42.09	49.81	40.51	31.09	375.52
1934	Critical	13.75	11.23	8.10	14.04	11.90	21.42	35.89	34.44	32.82	39.06	1.73	1.40	225.78
1935	Below Normal	22.90	24.58	15.07	12.54	13.65	25.44	67.61	68.11	68.22	86.20	79.34	65.37	549.03
1936	Below Normal	49.88	46.09	30.39	19.56	14.89	92.25	63.93	73.08	74.13	78.20	78.96	73.33	694.69
1937	Below Normal	64.52	59.40	50.11	49.88	68.89	92.30	59.45	66.69	67.53	71.26	71.94	66.51	788.48
1938	Wet	57.26	52.91	41.92	61.91	84.50	92.46	55.16	60.33	58.02	64.32	64.91	59.76	753.46
1939	Dry	50.13	46.53	43.17	47.13	83.13	92.93	69.33	67.27	67.47	85.27	79.64	74.06	806.06
1940	Above Normal	59.45	54.85	66.80	16.13	12.46	34.59	66.70	68.06	68.21	83.48	76.84	63.38	670.95
1941	Wet	48.02	44.38	26.91	21.21	32.63	92.27	48.02	56.30	56.72	59.85	60.39	55.66	602.36
1942	Wet	46.02	42.62	32.45	47.07	54.55	92.94	84.99	62.77	63.42	66.89	67.53	62.56	723.81
1943	Wet	53.39	49.19	40.84	51.71	62.23	92.92	80.50	70.39	71.27	75.14	75.94	70.37	793.89
1944	Dry	61.27	56.60	47.66	46.34	38.63	32.25	51.03	50.17	49.50	58.28	51.60	41.74	585.07
1945	Below Normal	26.32	23.37	13.66	20.56	15.63	80.19	63.81	70.32	71.27	75.21	75.87	70.48	606.69
1946	Below Normal	61.61	56.68	78.64	50.33	61.38	76.36	72.43	66.38	67.12	70.75	71.50	66.39	799.57
1947	Dry	57.44	52.83	44.12	54.90	46.48	41.92	74.06	70.53	69.61	78.31	74.97	65.17	730.34
1948	Below Normal	52.77	48.51	36.68	31.93	26.97	24.69	37.20	60.43	1.53	84.47	77.43	63.33	545.94
1949	Dry	47.75	43.86	28.82	19.75	16.44	27.89	74.40	70.14	67.72	75.70	72.86	63.80	609.13
1950	Below Normal	51.93	47.58	36.29	18.99	16.69	23.96	61.55	61.01	3.08	84.02	77.08	63.31	545.49
1951	Above Normal	47.83	44.09	44.29	73.01	83.50	92.27	58.39	68.04	68.90	72.52	73.31	68.10	794.25
1952	Wet	59.17	54.45	45.62	73.12	72.12	65.59	57.79	51.79	48.98	54.90	55.42	50.99	689.94
1953	Wet	41.25	38.19	62.63	55.75	65.76	92.95	73.59	61.57	61.86	67.54	66.23	59.62	746.94
1954	Above Normal	49.00	45.05	35.05	45.57	41.52	58.69	67.43	67.44	65.54	77.84	72.63	59.67	685.43
1955	Dry	44.43	40.91	26.83	16.05	14.84	32.08	57.29	56.70	53.77	63.77	58.70	48.06	513.43
1956	Wet	33.81	30.85	18.82	60.35	86.50	92.28	67.12	73.63	74.71	78.67	79.49	73.81	770.04
1957	Above Normal	64.91	59.88	50.67	61.82	53.64	50.50	57.12	56.35	4.59	82.30	75.66	62.44	679.88
1958	Wet	47.20	43.55	28.40	9.32	39.95	81.95	64.64	71.62	72.64	76.54	77.46	71.53	684.80
1959	Below Normal	62.29	57.70	49.37	68.77	62.58	87.35	63.13	62.65	32.26	83.35	76.41	62.84	768.70
1960	Dry	47.54	43.78	29.23	17.20	13.56	24.31	71.89	71.33	68.65	85.78	79.24	71.84	624.35
1961	Dry	56.50	51.96	36.11	19.11	18.07	23.74	61.31	60.80	57.74	68.64	62.92	54.82	571.72
1962	Below Normal	13.08	71.30	30.48	12.94	11.48	32.60	61.93	62.02	4.53	86.80	79.84	65.87	532.87
1963	Wet	50.27	46.49	30.78	35.41	40.80	65.88	71.20	65.53	66.22	69.65	70.50	65.51	678.24
1964	Dry	56.54	51.99	74.34	38.29	44.14	48.45	76.29	68.47	66.33	70.06	70.83	65.58	731.31
1965	Wet	56.67	51.86	43.74	63.81	70.72	65.72	70.06	63.36	63.86	68.84	68.85	63.15	750.64
1966	Below Normal	53.53	49.18	40.04	67.16	70.84	64.77	64.32	63.68	63.44	75.23	69.89	58.26	740.34
1967	Wet	43.86	40.45	27.33	14.67	42.73	67.28	75.24	68.15	66.00	72.85	73.60	68.09	660.25
1968	Below Normal	58.98	52.54	46.36	64.36	59.20	92.89	77.55	62.28	62.50	71.42	67.36	57.73	773.17
1969	Wet	44.71	41.19	28.86	40.59	83.50	92.28	53.40	61.11	58.78	65.21	65.85	60.58	696.06
1970	Wet	60.34	37.58	39.79	73.04	64.40	92.39	62.45	68.20	69.10	72.91	73.55	68.27	782.02
1971	Wet	59.35	54.61	45.77	65.26	66.21	70.52	61.98	62.71	62.10	73.92	67.97	56.01	746.41
1972	Below Normal	41.20	37.97	24.85	9.93	32.52	59.90	67.00	65.56	62.77	73.17	68.16	57.03	600.06
1973	Above Normal	43.10	39.52	26.87	14.49	49.04	86.27	61.32	70.30	71.33	75.08	75.85	70.44	683.61
1974	Wet	61.57	56.66	47.63	65.08	72.64	92.89	81.09	67.10	68.02	71.65	72.36	67.04	823.73
1975	Wet	57.95	53.44	44.76	62.24	58.57	86.43	77.62	69.82	70.81	74.54	75.33	69.97	801.48
1976	Critical	61.10	56.21	47.23	54.17	47.47	41.39	63.54	63.32	46.32	80.41	73.54	66.63	701.33
1977	Critical	50.90	46.71	30.97	15.24	13.73	19.66	27.52	6.15	1.66	1.83	1.75	1.40	217.52
1978	Above Normal	0.18	0.14	0.10	12.06	12.55	54.72	69.06	64.19	64.76	70.22	69.26	62.53	479.77
1979	Below Normal	52.12	47.96	38.10	45.44	38.71	75.51	74.26	66.69	67.58	71.15	71.86	66.67	716.05
1980	Above Normal	57.64	53.06	44.31	49.47	73.01	92.30	50.97	58.97	59.47	62.80	63.40	58.43	723.83
1981	Dry	48.87	45.25	37.22	61.47	54.75	71.33	63.68	64.59	36.49	86.74	79.65	68.65	718.69
1982	Wet	52.97	48.90	32.55	32.93	38.59	92.26	65.80	63.44	69.22	73.05	73.72	68.04	711.47
1983	Wet	58.70	70.11	92.04	50.75	84.14	92.29	44.95	44.25	51.69	52.06	43.89	48.01	732.88
1984	Wet	44.40	41.63	91.95	58.96	87.53	92.28	59.28	69.12	69.94	73.79	74.52	69.22	832.62
1985	Dry	60.34	55.52	77.59	45.95	54.99	78.33	71.61	65.66	66.04	69.56	70.20	65.23	781.02
1986	Wet	56.28	51.69	43.80	49.10	41.82	82.70	72.35	68.37	69.31	72.92	73.83	68.19	750.36
1987	Dry	58.90	54.51	45.33	51.36	53.37	36.60	37.01	35.76	35.43	41.59	31.50	23.14	504.50
1988	Critical	4.87	2.01	1.22	9.52	12.75	19.19	28.34	26.17	23.67	28.23	21.15	15.39	192.51
1989	Dry	0.18	0.14	0.10	2.62	11.89	19.41	69.39	70.42	67.51	85.25	78.13	66.85	471.89
1990	Critical	50.99	46.90	31.17	15.56	14.62	22.15	34.22	32.66	30.88	36.74	27.42	19.90	363.21
1991	Critical	2.48	0.14	0.10	7.01	11.10	18.77	28.68	26.70	24.71	33.34	24.74	17.91	195.68
1992	Critical	1.33	0.14	0.10	6.03	11.08	19.03	28.39	26.10	23.63	1.66	1.73	30.22	149.44
1993	Above Normal	15.97	0.14	20.40	12.18	34.23	58.54	69.13	64.90	65.28	76.61	74.17	65.47	557.02
1994	Critical	53.83	49.54	37.84	40.86	32.66	38.36	58.66	57.98	54.78	67.72	26.92	63.53	582.68
1995	Wet	7.89	79.22	62.25	12.79	28.63	49.32	79.42	71.74	72.72	76.57	77.52	71.78	689.85
1996	Wet	62.71	57.93	49.58	43.89	53.88	71.24	75.96	68.09	68.94	72.65	73.41	68.17	766.45
1997	Wet	59.26	54.51	43.89	73.34	78.80	92.59	64.39	63.53	64.20	67.58	68.36	63.27	793.72
1998	Wet	54.00	49.86	41.44	61.29	72.62	92.96	68.08	61.35	58.88	62.30	66.05	60.96	749.79
1999	Wet	60.92	56.80	51.04	54.28	84.51	92.57	65.22	68.60	69.33	73.12	73.98	68.68	819.05
2000	Above Normal	59.77	55.00	46.09	56.51	53.91	55.79	69.21	68.68	68.73	80.06	74.66	62.65	751.06
2001	Dry	48.32	44.62	30.50	22.99	17.91	24.09	38.59	37.88	36.95	43.93	32.95	23.94	402.67
2002	Dry	5.08	2.05	0.53	0.52	12.55	33.20	78.34	70.47	68.28	72.19	73.07	67.68	483.96
2003	Above Normal	58.86	53.84	64.22	7.91	16.72	34.34	59.00	58.56	3.20	80.51	74.05	60.85	572.06
	Average	45.45	43.03	36.65	36.42	41.79	58.43	60.85	59.21	53.79	66.62	62.84	56.30	621.38
	Wet	50.62	49.38	43.72	48.13	60.95	83.26	67.54	64.69	65.26	69.66	69.81	64.56	737.59
	Above Normal	51.16	44.79	41.42	35.74	42.84	59.52	64.47	65.00	56.23	75.88	73.05	63.82	673.92
	Below Normal	47.52	48.06	37.97	38.66	39.52	65.79	65.75	64.70	46.46	78.60	75.05	65.05	673.14
	Dry	40.40	37.26	32.14	27.87	29.75	38.47	60.84	59.85	56.74	68.51	63.31	54.57	569.71
	Critical	33.72	30.28	21.78	21.93	19.91	24.88	37.04	34.17	30.64	33.95	22.60	23.26	334.17

Difference in Energy generated (GWh) at Castaic: Alternative2_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	3.16	3.18	3.18	2.95	1.80
1923	Below Normal	2.72	2.98	2.30	(7.78)	(24.45)	4.46	23.25	(5.75)	(55.21)	19.72	20.14	19.21	0.13
1924	Critical	19.89	18.66	17.61	12.44	7.39	2.62	2.60	2.94	3.25	(31.23)	(23.02)	(16.54)	1.38
1925	Dry	34.00	38.36	35.19	10.54	2.03	(34.30)	5.35	(9.85)	(9.05)	(10.98)	(9.97)	(7.95)	3.61
1926	Dry	(7.13)	(6.65)	(4.94)	3.60	0.17	1.23	3.30	3.28	3.79	4.44	4.10	3.42	0.72
1927	Wet	3.15	3.00	2.43	2.35	(2.64)	(0.30)	(1.15)	(1.26)	1.68	1.61	1.60	1.69	1.01
1928	Above Normal	1.69	1.78	1.10	3.67	(2.23)	(2.93)	(2.92)	0.79	2.42	9.24	5.60	1.47	1.64
1929	Critical	(1.55)	(1.13)	(4.46)	(10.48)	(11.34)	(3.83)	0.97	(0.94)	(1.04)	(1.23)	(0.89)	(6.59)	(3.54)
1930	Dry	4.37	1.40	0.00	4.90	0.07	0.08	0.36	0.36	0.30	0.37	0.55	0.54	1.11
1931	Critical	0.68	0.69	0.52	0.56	0.05	(0.03)	(0.12)	(0.13)	(0.14)	(0.17)	(0.13)	(0.09)	0.14
1932	Dry	5.45	7.38	1.45	4.48	(0.02)	0.01	(0.16)	(0.15)	2.86	2.82	2.76	2.76	2.47
1933	Critical	2.72	2.72	0.88	3.10	0.02	1.01	2.42	2.72	3.05	3.42	4.40	4.20	2.56
1934	Critical	4.95	5.50	8.00	1.60	0.39	(0.42)	(1.18)	(1.33)	(1.47)	(1.75)	0.00	0.00	1.19
1935	Below Normal	(1.48)	(2.72)	(2.20)	(0.01)	0.01	0.02	0.45	0.50	3.50	2.99	3.00	3.00	0.59
1936	Below Normal	3.00	3.03	2.18	2.91	(0.04)	0.00	0.03	0.02	3.02	3.02	3.02	3.02	1.93
1937	Below Normal	3.03	3.05	2.24	(0.01)	(0.45)	0.00	(1.23)	(1.13)	1.82	1.75	1.73	1.80	1.05
1938	Wet	1.77	1.89	(1.04)	0.31	11.86	2.64	1.91	(0.68)	(0.71)	2.25	2.24	2.28	2.06
1939	Dry	2.27	2.35	2.40	(18.74)	(1.39)	0.00	(7.02)	1.57	20.00	3.03	3.29	3.86	0.97
1940	Above Normal	4.12	4.04	10.99	1.57	(1.27)	(0.54)	(0.02)	(0.02)	2.96	2.98	2.99	2.99	2.57
1941	Wet	3.00	3.02	0.00	0.02	0.00	0.00	0.00	0.00	2.99	2.98	2.99	2.99	1.50
1942	Wet	3.00	3.02	0.00	(36.22)	(0.41)	0.00	0.23	(0.07)	2.92	2.91	2.91	2.93	(1.57)
1943	Wet	2.97	2.97	2.29	(1.61)	(4.16)	0.00	1.98	0.18	3.17	3.18	3.18	3.19	1.45
1944	Dry	3.23	3.20	2.51	0.09	(2.64)	(0.78)	(0.31)	(0.31)	2.03	1.97	1.85	1.87	1.06
1945	Below Normal	1.77	1.78	1.94	2.20	(0.06)	(0.89)	0.11	0.10	3.09	3.10	3.10	3.10	1.61
1946	Below Normal	3.10	3.11	2.32	3.03	0.00	0.24	0.28	0.28	3.28	3.30	3.30	3.28	2.13
1947	Dry	3.30	3.30	2.52	3.40	0.02	(0.28)	(0.15)	0.03	1.62	1.81	1.65	1.48	1.56
1948	Below Normal	1.36	1.39	1.28	1.02	(0.55)	(0.20)	0.03	0.17	0.00	(0.02)	(0.02)	(0.02)	0.37
1949	Dry	(0.02)	(0.01)	(0.01)	(0.04)	0.03	(0.06)	(0.02)	0.01	0.01	0.06	0.02	(0.02)	0.00
1950	Below Normal	(0.06)	(0.05)	(0.08)	(0.37)	(0.33)	(0.10)	(0.01)	(0.02)	1.58	1.56	1.56	1.56	0.44
1951	Above Normal	1.57	1.58	(1.58)	0.00	0.00	0.00	0.00	0.00	2.99	2.99	2.99	2.99	1.13
1952	Wet	3.01	3.02	2.27	4.46	0.00	0.00	0.00	(0.82)	(0.89)	2.04	2.03	2.28	1.45
1953	Wet	2.49	2.35	2.39	(3.51)	12.19	0.00	(15.44)	(0.80)	3.01	2.45	2.92	3.42	0.96
1954	Above Normal	3.83	3.78	3.36	5.00	2.40	2.82	0.37	0.43	1.54	1.08	1.22	1.19	2.25
1955	Dry	1.19	1.19	1.18	1.40	(0.01)	(0.09)	(0.40)	(0.43)	(0.09)	(0.17)	(0.13)	(0.05)	0.30
1956	Wet	(0.01)	0.01	0.09	(0.19)	0.00	0.00	0.06	0.05	3.04	3.04	3.05	3.05	1.02
1957	Above Normal	3.06	3.07	2.37	6.75	(0.05)	(0.03)	0.03	0.03	2.99	2.99	2.99	2.99	2.27
1958	Wet	3.01	3.01	2.15	3.04	0.00	0.00	0.00	0.00	2.99	2.99	2.99	2.99	1.93
1959	Below Normal	3.00	3.01	3.04	3.29	0.29	(3.44)	(1.34)	(1.44)	(24.31)	2.89	2.79	2.65	(0.80)
1960	Dry	2.65	2.59	2.48	2.02	(0.08)	0.13	0.17	0.01	0.02	(0.19)	(0.03)	(0.65)	0.76
1961	Dry	(0.44)	(0.41)	(0.13)	0.66	0.60	0.22	0.12	0.13	0.13	0.16	0.14	(0.07)	0.09
1962	Below Normal	(1.66)	0.38	0.48	0.00	0.00	0.00	0.00	0.00	2.99	2.99	2.99	3.00	0.93
1963	Wet	3.01	3.02	2.22	3.03	0.00	0.00	0.00	0.00	2.99	2.99	2.99	2.99	1.94
1964	Dry	3.01	3.02	2.19	2.99	(0.11)	0.31	(0.04)	(0.03)	(0.04)	(0.04)	(0.04)	(0.03)	0.93
1965	Wet	(0.03)	(0.03)	(0.03)	0.18	0.04	(0.75)	0.01	0.08	3.08	3.41	3.34	3.24	1.05
1966	Below Normal	3.20	3.20	2.41	2.68	(0.36)	(0.20)	0.00	0.01	2.71	2.73	2.72	2.71	1.82
1967	Wet	2.71	2.73	2.55	2.62	(0.03)	0.00	0.01	(0.01)	(0.02)	2.97	2.98	2.98	1.62
1968	Below Normal	3.00	1.12	(4.16)	(9.94)	0.13	0.00	3.08	0.20	3.12	3.99	3.29	2.52	0.53
1969	Wet	1.90	2.03	0.62	(23.97)	2.55	0.00	(0.56)	(0.52)	(0.54)	2.42	2.42	2.45	(0.93)
1970	Wet	2.43	2.51	2.56	14.26	(2.63)	(0.18)	(3.87)	0.24	3.24	3.25	3.26	3.24	2.36
1971	Wet	3.26	3.26	2.49	(11.65)	7.01	0.01	(0.12)	(0.14)	2.29	2.51	2.49	2.49	1.16
1972	Below Normal	2.49	2.50	2.50	2.58	0.11	0.03	(0.01)	(0.03)	(0.02)	(0.04)	(0.03)	(0.01)	0.84
1973	Above Normal	(0.01)	0.00	0.01	0.06	0.05	0.04	0.00	0.02	3.00	3.00	3.00	3.00	1.01
1974	Wet	3.02	3.03	2.26	(11.13)	(11.86)	0.00	5.13	(0.19)	2.79	2.78	2.77	2.84	0.12
1975	Wet	2.89	2.87	2.21	3.60	2.52	(3.32)	0.70	0.66	3.68	3.72	3.73	3.68	2.25
1976	Critical	3.70	3.67	2.87	3.54	0.18	(0.08)	(0.32)	(0.35)	(0.55)	(0.45)	(0.42)	(0.46)	0.94
1977	Critical	(0.42)	(0.40)	(0.31)	(0.02)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	(1.88)	(0.55)	0.94	3.79	5.80	4.17	2.40	1.22
1979	Below Normal	1.07	1.27	(0.88)	(4.46)	(30.29)	(16.74)	15.46	0.81	3.82	3.86	3.87	3.85	(1.53)
1980	Above Normal	3.92	3.83	3.00	(4.80)	(7.51)	0.00	(1.73)	(1.55)	1.35	1.25	1.23	1.47	0.04
1981	Dry	1.59	1.58	1.03	1.19	(4.15)	10.20	1.23	1.43	29.25	2.18	2.27	3.31	4.26
1982	Wet	3.27	3.29	2.42	3.06	0.08	0.00	0.00	0.01	2.99	3.00	2.99	3.00	2.01
1983	Wet	(6.33)	9.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	2.99	0.77
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	3.00	2.99	3.00	2.99	1.00
1985	Dry	3.01	3.02	2.24	3.03	0.00	0.00	0.00	0.00	2.55	2.56	2.55	2.55	1.79
1986	Wet	2.56	2.58	2.59	2.59	0.00	(9.59)	9.94	0.02	3.00	3.01	3.00	3.00	1.89
1987	Dry	3.02	3.02	1.95	(5.85)	0.01	0.02	(1.04)	(1.16)	(0.18)	(0.44)	(0.03)	0.30	(0.03)
1988	Critical	0.62	0.72	1.12	0.79	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27
1989	Dry	0.00	0.00	0.00	(0.02)	(0.01)	(0.02)	(0.07)	(0.07)	(0.07)	0.00	0.01	0.76	0.04
1990	Critical	0.70	0.65	0.49	(0.01)	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.16
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.19	0.13	0.09	0.05
1992	Critical	0.06	0.00	0.00	0.69	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.06
1993	Above Normal	0.00	0.00	0.21	0.00	(0.04)	(0.25)	(0.02)	0.04	3.02	3.29	3.23	3.15	1.05
1994	Critical	3.11	3.11	2.28	2.80	(0.18)	(0.08)	0.00	0.01	0.01	(0.02)	0.00	(0.02)	0.92
1995	Wet	(11.52)	5.41	(0.03)	0.00	(0.01)	0.00	0.00	0.00	2.99	2.99	2.99	2.99	0.48
1996	Wet	3.00	3.02	3.04	(22.19)	(17.52)	(10.41)	(1.39)	(1.35)	1.59	1.51	1.50	1.62	(3.13)
1997	Wet	1.63	1.72	(0.70)	5.53	(0.32)	0.01	0.55	0.20	3.19	3.20	3.21	3.20	1.79
1998	Wet	3.22	3.22	2.51	3.11	(9.05)	4.64	0.01	(0.86)	(0.94)	(1.00)	1.98	2.25	0.76
1999	Wet	4.74	(0.06)	1.42	(3.75)	2.93	(0.39)	(8.84)	0.17	3.16	3.17	3.18	3.16	0.74
2000	Above Normal	3.18	3.19	2.39	3.21	0.28	(0.94)	(0.26)	0.06	3.02	3.38	3.09	2.76	1.95
2001	Dry	2.50	2.56	1.55	1.67	(1.22)	(0.28)	0.24	0.27	0.72	0.77	0.68	0.61	0.84
2002	Dry	0.54	0.52	0.43	0.42	0.11	(0.04)	(0.21)	(0.20)	(0.22)	(0.22)	(0.23)	(0.21)	0.06
2003	Above Normal	(0.21)	(0.21)	(0.45)	0.64	0.58	0.22	(0.01)	(0.01)	1.80	1.79	1.78	1.78	0.64
	Average	2.25	2.64	1.86	(0.17)	(1.02)	(0.77)	0.36	(0.15)	1.13	1.66	1.82	1.78	0.95
	Wet	1.62	2.71	1.41	(2.54)	(0.36)	(0.68)	(0.42)	(0.20)	2.10	2.55	2.80	2.84	0.99
	Above Normal	1.76	1.76	1.78	2.17	(0.66)	(0.33)	(0.45)	0.07	2.67	3.41	2.96	2.43	1.46
	Below Normal	1.75	1.72	0.96	(0.35)	(4.00)	(1.20)	2.86	(0.45)	(3.62)	3.70	3.68	3.55	0.72
	Dry	3.47	3.69	2.89	0.87	(0.37)	(1.31)	0.08	(0.28)	2.98	0.45	0.52	0.69	1.14
	Critical	2.87	2.85	2.42	1.25	(0.29)	(0.07)	0.36	0.24	0.27	(2.60)	(1.66)	(1.62)	0.34

Percent Difference in Energy generated (GWh) at Castaic: Alternative2_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%	5%	5%	5%
1923	Below Normal	5%	6%	6%	-10%	-29%	5%	37%	-9%	-93%	28%	31%	35%
1924	Critical	49%	50%	70%	56%	37%	11%	8%	10%	12%	-95%	-93%	-92%
1925	Dry	>1,000%	>1,000%	>1,000%	196%	18%	-58%	10%	-15%	-14%	-14%	-14%	-14%
1926	Dry	-17%	-17%	-20%	23%	1%	4%	8%	6%	7%	7%	7%	7%
1927	Wet	9%	9%	12%	21%	-14%	0%	-1%	-2%	2%	2%	2%	3%
1928	Above Normal	3%	3%	2%	7%	-4%	-8%	-4%	1%	4%	13%	8%	2%
1929	Critical	-3%	-2%	-10%	-23%	-28%	-13%	4%	-3%	-4%	-4%	-4%	-40%
1930	Dry	716%	1000%	0%	121%	1%	0%	1%	1%	1%	1%	1%	2%
1931	Critical	4%	5%	7%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	181%	>1,000%	>1,000%	48%	0%	0%	0%	0%	6%	5%	5%	7%
1933	Critical	10%	11%	7%	21%	0%	4%	6%	7%	8%	7%	12%	16%
1934	Critical	56%	96%	>1,000%	13%	3%	-2%	-3%	-4%	-4%	-4%	0%	0%
1935	Below Normal	-6%	-10%	-13%	0%	0%	0%	1%	1%	5%	4%	4%	5%
1936	Below Normal	6%	7%	8%	17%	0%	0%	0%	0%	4%	4%	4%	4%
1937	Below Normal	5%	5%	5%	0%	-1%	0%	-2%	-2%	3%	3%	2%	3%
1938	Wet	3%	4%	-2%	1%	16%	3%	4%	-1%	-1%	4%	4%	4%
1939	Dry	5%	5%	6%	-28%	-2%	0%	-9%	2%	42%	4%	4%	5%
1940	Above Normal	7%	8%	20%	11%	-9%	-2%	0%	0%	5%	4%	4%	5%
1941	Wet	7%	7%	0%	0%	0%	0%	0%	0%	6%	5%	5%	6%
1942	Wet	7%	8%	0%	-43%	-1%	0%	0%	0%	5%	5%	5%	5%
1943	Wet	6%	6%	6%	-3%	-6%	0%	3%	0%	5%	4%	4%	5%
1944	Dry	6%	6%	6%	0%	-6%	-2%	-1%	-1%	4%	3%	4%	5%
1945	Below Normal	7%	8%	17%	12%	0%	-1%	0%	0%	5%	4%	4%	5%
1946	Below Normal	5%	6%	3%	6%	0%	0%	0%	0%	5%	5%	5%	5%
1947	Dry	6%	7%	6%	7%	0%	-1%	0%	0%	2%	2%	2%	2%
1948	Below Normal	3%	3%	4%	3%	-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%	105%	2%	2%	3%
1951	Above Normal	3%	4%	-3%	0%	0%	0%	0%	0%	5%	4%	4%	5%
1952	Wet	5%	6%	5%	6%	0%	0%	0%	-2%	-2%	4%	4%	5%
1953	Wet	6%	7%	4%	-6%	23%	0%	-17%	-1%	5%	4%	5%	6%
1954	Above Normal	8%	9%	11%	12%	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%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1957	Above Normal	5%	5%	5%	12%	0%	0%	0%	0%	187%	4%	4%	5%
1958	Wet	7%	7%	8%	48%	0%	0%	0%	0%	4%	4%	4%	4%
1959	Below Normal	5%	6%	7%	5%	0%	-4%	-2%	-2%	-43%	4%	4%	4%
1960	Dry	6%	6%	9%	13%	-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%	194%	4%	4%	5%
1963	Wet	6%	7%	8%	9%	0%	0%	0%	0%	5%	4%	4%	5%
1964	Dry	6%	6%	3%	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%	7%	6%	4%	-1%	0%	0%	0%	4%	4%	4%	5%
1967	Wet	7%	7%	10%	22%	0%	0%	0%	0%	0%	4%	4%	5%
1968	Below Normal	5%	2%	-8%	-13%	0%	0%	4%	0%	5%	6%	5%	5%
1969	Wet	4%	5%	2%	-37%	3%	0%	-1%	-1%	-1%	4%	4%	4%
1970	Wet	4%	7%	7%	24%	-4%	0%	-6%	0%	5%	5%	5%	5%
1971	Wet	6%	6%	6%	-15%	12%	0%	0%	0%	4%	4%	4%	5%
1972	Below Normal	6%	7%	11%	35%	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%	6%	5%	-15%	-14%	0%	7%	0%	4%	4%	4%	4%
1975	Wet	5%	6%	5%	6%	4%	-4%	1%	1%	5%	5%	5%	6%
1976	Critical	6%	7%	6%	7%	0%	0%	-1%	-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%	3%	-2%	-9%	-44%	-18%	26%	1%	6%	6%	6%	6%
1980	Above Normal	7%	8%	7%	-9%	-9%	0%	-3%	-3%	2%	2%	2%	3%
1981	Dry	3%	4%	3%	2%	-7%	17%	2%	2%	404%	3%	3%	5%
1982	Wet	7%	7%	8%	10%	0%	0%	0%	0%	5%	4%	4%	5%
1983	Wet	-10%	16%	0%	0%	0%	0%	0%	0%	0%	0%	7%	7%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	5%
1985	Dry	5%	6%	3%	7%	0%	0%	0%	0%	4%	4%	4%	4%
1986	Wet	5%	5%	6%	6%	0%	-10%	16%	0%	5%	4%	4%	5%
1987	Dry	5%	6%	4%	-10%	0%	0%	-3%	-3%	-1%	-1%	0%	1%
1988	Critical	15%	56%	>1,000%	9%	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%	1%	1%	1%	1%
1992	Critical	5%	0%	0%	13%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	1%	0%	0%	0%	0%	0%	5%	4%	5%	5%
1994	Critical	6%	7%	6%	7%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	-59%	7%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1996	Wet	5%	5%	7%	-34%	-25%	-13%	-2%	-2%	2%	2%	2%	2%
1997	Wet	3%	3%	-2%	8%	0%	0%	1%	0%	5%	5%	5%	5%
1998	Wet	6%	7%	6%	5%	-11%	5%	0%	-1%	-2%	-2%	3%	4%
1999	Wet	8%	0%	3%	-6%	4%	0%	-12%	0%	5%	5%	4%	5%
2000	Above Normal	6%	6%	5%	6%	1%	-2%	0%	0%	5%	4%	4%	5%
2001	Dry	5%	6%	5%	8%	-6%	-1%	1%	1%	2%	2%	2%	3%
2002	Dry	12%	34%	430%	420%	1%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	-1%	9%	4%	1%	0%	0%	129%	2%	2%	3%
	Average	15%	19%	10%	13%	-1%	-1%	1%	0%	14%	2%	2%	2%
	Wet	2%	6%	4%	0%	0%	-1%	0%	0%	3%	4%	4%	5%
	Above Normal	3%	4%	4%	9%	-1%	-1%	-1%	0%	30%	5%	4%	4%
	Below Normal	3%	4%	3%	3%	-6%	-1%	5%	-1%	14%	5%	5%	6%
	Dry	52%	59%	26%	46%	0%	-2%	0%	0%	25%	1%	1%	1%
	Critical	12%	19%	7%	9%	1%	0%	1%	1%	1%	-8%	-7%	-10%

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: Alternative2_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	86.34	81.18	91.56	87.12	966.82
1923	Below Normal	85.81	78.38	68.07	98.92	106.58	136.75	92.50	1.17	5.46	105.27	117.68	113.48	1,010.07
1924	Critical	99.37	91.49	77.72	56.04	55.46	37.56	48.98	69.21	49.81	1.80	1.72	1.28	590.44
1925	Dry	38.66	91.60	110.44	13.93	22.48	30.17	59.94	79.31	80.83	77.17	86.21	83.69	774.43
1926	Dry	66.69	61.44	50.18	18.76	25.62	36.81	56.66	86.19	86.74	82.60	93.05	90.26	755.00
1927	Wet	72.08	66.19	53.81	20.11	37.39	71.12	78.43	82.11	90.39	84.50	92.65	87.87	836.65
1928	Above Normal	87.00	79.69	70.49	100.73	96.54	57.46	77.94	91.48	66.81	93.64	102.98	99.09	1,023.85
1929	Critical	88.03	81.01	69.66	60.78	59.11	35.67	37.63	53.57	54.81	47.23	46.31	1.27	635.08
1930	Dry	44.33	33.49	26.40	10.68	20.59	26.24	57.53	78.33	79.43	72.58	77.60	75.58	602.78
1931	Critical	54.89	48.05	39.22	13.70	21.13	23.36	50.60	71.38	72.84	62.58	61.52	5.10	524.37
1932	Dry	30.01	51.61	40.50	12.53	25.90	32.36	54.99	73.71	78.29	73.97	81.26	79.12	634.25
1933	Critical	62.01	56.53	44.03	18.40	22.46	31.13	57.87	80.30	82.75	74.12	77.08	75.31	681.99
1934	Critical	49.74	33.93	43.89	14.22	19.06	23.53	52.29	73.60	75.16	64.53	1.76	1.28	452.99
1935	Below Normal	35.62	90.39	68.99	11.84	23.39	30.42	71.89	95.67	30.08	103.62	114.89	111.75	788.55
1936	Below Normal	88.98	82.42	66.58	21.59	32.52	77.77	81.76	87.50	95.97	89.71	98.62	93.54	916.96
1937	Below Normal	92.57	84.83	74.99	102.15	101.55	121.74	78.67	81.35	89.64	84.26	93.36	88.39	1,093.50
1938	Wet	86.94	79.69	66.61	109.24	79.90	145.11	72.45	75.45	79.39	78.89	90.03	85.63	1,049.33
1939	Dry	84.08	76.72	66.91	125.86	74.94	130.42	73.08	91.42	5.76	101.56	48.93	121.48	1,001.16
1940	Above Normal	100.22	12.21	106.08	13.33	16.45	40.73	70.77	95.69	67.52	98.56	110.02	106.96	838.54
1941	Wet	85.86	79.22	60.82	33.61	43.74	109.89	66.10	69.77	77.45	73.30	83.30	79.11	862.17
1942	Wet	77.68	70.95	57.77	123.72	112.38	135.75	88.77	75.50	83.54	78.43	87.77	83.42	1,075.68
1943	Wet	82.52	75.37	65.87	98.47	115.23	96.24	85.65	85.80	94.02	88.40	98.49	93.60	1,079.66
1944	Dry	92.34	84.49	74.06	85.66	78.97	48.87	57.20	77.30	80.84	75.70	82.41	80.28	918.12
1945	Below Normal	61.43	55.26	45.64	20.54	26.45	121.04	81.66	83.89	92.32	86.31	94.69	89.82	859.05
1946	Below Normal	88.85	81.40	75.09	118.05	79.02	78.08	74.79	79.13	87.15	81.63	90.66	86.20	1,020.05
1947	Dry	85.34	78.08	68.62	101.76	102.37	59.43	77.52	92.01	96.07	90.73	100.27	96.64	1,048.84
1948	Below Normal	84.84	78.01	66.57	55.58	54.79	33.67	55.14	52.20	1.41	99.16	109.69	106.81	797.87
1949	Dry	84.07	77.34	62.90	18.28	27.32	33.37	77.69	90.15	92.48	86.96	96.12	92.35	839.03
1950	Below Normal	82.24	75.43	64.55	21.98	26.37	29.11	64.38	84.95	3.60	98.97	109.06	106.15	766.79
1951	Above Normal	83.96	77.44	61.18	132.92	108.49	135.49	75.39	81.40	89.63	83.79	93.07	88.54	1,111.30
1952	Wet	87.68	80.19	70.49	109.82	106.33	74.97	60.51	64.12	67.06	67.80	77.44	73.64	940.05
1953	Wet	72.30	65.85	103.33	125.65	101.70	119.15	76.56	76.41	82.98	78.44	87.86	84.24	1,074.47
1954	Above Normal	78.99	72.34	61.82	80.02	79.70	70.83	71.81	94.70	95.70	80.39	104.69	101.71	992.70
1955	Dry	81.39	74.81	60.94	22.38	32.29	38.05	58.71	77.95	78.23	74.80	83.88	81.41	764.84
1956	Wet	64.74	59.33	48.22	83.85	110.60	138.74	86.15	89.06	97.65	91.33	101.73	96.82	1,068.22
1957	Above Normal	95.81	87.64	77.02	117.68	112.95	69.00	58.62	37.71	5.89	96.88	105.85	103.28	968.33
1958	Wet	81.72	75.42	60.90	26.35	52.08	121.77	85.51	88.56	97.08	91.28	102.48	97.26	980.41
1959	Below Normal	95.92	87.63	77.40	102.03	98.66	113.49	66.12	87.02	4.53	99.33	109.84	106.85	1,048.82
1960	Dry	84.91	78.15	64.06	18.91	21.16	30.07	76.76	98.91	42.80	100.48	60.50	117.37	794.08
1961	Dry	94.63	86.74	71.20	25.70	32.10	29.89	64.07	84.49	84.63	80.58	62.53	24.94	741.50
1962	Below Normal	0.91	65.08	127.37	8.65	15.08	37.94	64.81	86.27	5.71	102.58	113.01	110.08	737.49
1963	Wet	87.50	80.80	65.35	49.14	53.21	66.97	73.36	78.08	86.02	80.60	89.50	85.15	895.68
1964	Dry	84.36	77.11	82.43	97.59	58.53	63.05	79.26	81.56	85.56	79.76	88.38	83.64	961.23
1965	Wet	82.91	75.45	67.18	90.61	95.34	73.82	72.05	76.48	75.69	79.42	88.10	83.92	960.97
1966	Below Normal	81.45	74.49	65.00	100.80	100.98	75.52	68.69	88.25	80.15	88.78	101.38	98.10	1,023.59
1967	Wet	81.33	74.74	61.36	31.61	57.97	69.99	79.11	82.71	86.66	85.41	95.21	90.42	896.52
1968	Below Normal	89.25	78.92	72.51	115.18	118.00	116.40	83.11	83.23	88.33	83.82	95.47	92.16	1,116.38
1969	Wet	79.92	73.38	60.43	59.55	103.48	142.68	73.46	76.48	80.23	79.81	91.05	86.59	1,007.06
1970	Wet	84.95	77.55	67.69	88.73	118.76	139.34	76.19	81.60	89.88	83.96	93.21	88.61	1,090.47
1971	Wet	87.82	80.27	70.60	119.20	107.02	90.58	65.71	87.75	86.49	87.12	99.50	96.43	1,078.49
1972	Below Normal	78.27	71.97	58.86	28.45	46.53	61.39	70.79	89.39	89.82	85.24	96.72	93.43	870.86
1973	Above Normal	77.83	71.32	58.72	35.79	66.41	75.69	78.71	84.14	92.61	86.34	95.29	90.47	913.32
1974	Wet	89.62	82.00	72.34	118.94	98.72	103.80	85.24	81.16	89.55	83.74	93.66	89.16	1,087.93
1975	Wet	88.17	80.47	70.46	113.79	109.77	97.48	80.56	83.06	91.49	85.32	93.59	88.89	1,083.05
1976	Critical	87.86	80.49	71.27	100.41	101.04	59.16	66.59	88.31	1.55	95.68	52.23	112.66	917.25
1977	Critical	88.25	81.04	65.94	15.90	21.31	21.03	10.71	1.12	1.78	1.82	1.78	1.33	312.01
1978	Above Normal	1.02	0.37	87.06	9.35	27.98	55.96	71.80	79.39	86.60	81.39	89.96	85.91	676.79
1979	Below Normal	81.09	74.24	64.25	82.62	81.70	82.41	77.40	80.09	88.41	82.62	91.05	86.43	972.31
1980	Above Normal	85.34	78.10	68.79	96.15	108.38	136.86	69.26	72.74	80.59	76.20	86.05	81.70	1,040.16
1981	Dry	80.32	73.29	63.40	115.08	112.08	82.89	66.64	89.99	6.07	103.48	88.86	115.76	997.86
1982	Wet	91.72	84.55	68.34	46.01	51.11	139.23	89.54	84.82	93.26	87.66	99.15	94.23	1,029.62
1983	Wet	92.87	80.51	131.64	115.72	106.09	142.69	59.29	62.37	65.58	62.22	77.26	73.53	1,069.77
1984	Wet	75.33	68.85	131.66	106.34	111.48	140.58	76.23	82.57	90.65	84.93	94.23	89.69	1,152.54
1985	Dry	88.74	81.23	77.77	116.79	104.12	87.67	73.57	77.79	85.44	79.72	87.82	83.29	1,043.95
1986	Wet	82.52	75.52	67.66	98.08	91.77	89.24	81.58	84.46	93.01	87.39	97.91	92.72	1,041.86
1987	Dry	91.32	83.60	72.34	126.49	112.16	62.59	54.67	77.04	80.37	69.01	68.09	66.68	964.36
1988	Critical	42.99	34.27	27.84	13.58	21.50	20.21	36.95	52.17	53.46	46.09	45.06	43.99	438.11
1989	Dry	27.65	21.51	17.27	10.39	18.43	20.10	74.31	99.38	47.02	99.90	87.28	113.05	636.29
1990	Critical	89.40	82.20	66.76	16.81	23.71	25.71	48.92	68.91	70.57	60.55	59.45	58.15	671.14
1991	Critical	36.75	28.89	23.21	11.42	17.45	19.85	37.78	46.78	14.12	55.70	53.86	52.86	398.67
1992	Critical	32.51	21.80	22.07	10.39	16.53	18.50	37.00	52.25	53.44	1.79	1.76	17.82	285.86
1993	Above Normal	66.57	0.81	90.80	10.20	43.13	58.12	72.09	83.24	29.43	91.09	101.32	97.25	744.05
1994	Critical	87.80	80.79	68.49	68.52	67.92	48.81	60.58	80.04	53.48	79.12	1.75	74.84	772.14
1995	Wet	14.13	11.81	129.19	8.55	38.59	52.73	84.64	87.33	95.83	89.97	99.98	94.87	807.62
1996	Wet	93.62	85.68	76.23	60.31	66.07	71.85	78.95	81.25	89.46	83.68	92.54	87.87	967.51
1997	Wet	87.00	79.65	67.69	103.14	93.01	135.54	74.77	77.51	85.43	80.34	90.34	85.94	1,060.36
1998	Wet	84.73	77.44	67.41	115.17	94.09	105.24	71.83	75.03	78.67	74.13	88.17	83.67	1,015.58
1999	Wet	90.04	83.05	89.30	127.24	80.12	105.95	76.39	81.84	89.94	84.44	93.76	89.10	1,091.17
2000	Above Normal	88.23	80.75	70.98	108.63	100.74	74.35	73.15	93.84	98.38	94.07	105.01	101.77	1,089.90
2001	Dry	84.20	77.67	63.51	32.79	32.26	30.83	58.09	82.19	84.52	72.77	71.73	70.19	760.75
2002	Dry	44.59	35.49	28.63	16.98	31.19	40.21	80.94	83.03	86.93	81.21	88.80	83.87	701.87
2003	Above Normal	82.87	33.81	87.34	20.39	32.64	39.97	60.54	80.37	3.64	94.44	103.58	100.89	740.48
	Average	75.90	69.29	68.42	63.39	65.37	73.40	68.70	77.84	69.13	80.19	83.93	83.12	878.68
	Wet	80.99	74.00	75.09	83.96	86.00	106.94	76.89	79.66	86.05	82.02	92.27	87.78	1,011.65
	Above Normal	80.31	59.54	78.40	62.99	69.45	72.91	71.26	81.07	66.93	88.16	99.12	95.39	925.52
	Below Normal	74.80	77.03	71.13	63.46	65.12	79.70	73.69	77.15	54.47	92.24	102.58	98.80	930.16
	Dry	71.54	69.13	61.20	53.92	51.81	49.06	66.76	84.49	71.22	83.50	80.76	86.64	830.02
	Critical	68.30	60.04	51.68	33.35	37.22	30.38	45.49	61.47	48.65	49.25	33.69	37.16	556.67

Difference in Energy generated (GWh) at DCanyon: Alternative2_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	6.39	6.53	8.13	8.01	3.42
1923	Below Normal	7.72	7.31	5.22	0.11	20.02	32.31	25.16	(84.03)	(79.70)	24.08	24.35	23.40	0.50
1924	Critical	23.56	22.18	20.73	22.71	17.92	6.26	5.28	7.47	(13.44)	(52.46)	(51.50)	(50.73)	(3.50)
1925	Dry	5.95	65.90	89.80	2.89	4.81	(4.02)	(11.65)	(15.17)	(13.43)	(12.69)	(15.04)	(14.56)	6.90
1926	Dry	(11.56)	(10.50)	(8.19)	2.06	(0.05)	1.12	(0.51)	4.91	5.51	5.26	5.70	5.59	(0.06)
1927	Wet	4.50	4.22	3.55	1.04	(1.41)	(0.34)	(1.40)	(1.66)	2.53	2.66	2.42	2.49	1.55
1928	Above Normal	2.50	2.66	1.72	4.95	0.53	(1.43)	(2.24)	8.04	(20.43)	12.35	14.07	14.97	3.14
1929	Critical	5.58	5.64	2.25	(29.41)	(28.46)	(9.86)	1.98	(2.47)	(2.47)	(2.09)	(2.08)	(43.92)	(8.78)
1930	Dry	13.90	9.79	7.42	0.24	0.07	1.11	(0.18)	(0.38)	(0.43)	(0.20)	0.02	(0.01)	2.61
1931	Critical	0.31	0.44	0.36	0.39	0.01	0.28	(0.24)	(0.33)	(0.34)	(0.29)	(0.29)	(54.42)	(4.51)
1932	Dry	(6.14)	20.48	15.60	0.03	0.00	0.92	0.04	0.12	4.41	4.33	4.25	4.27	4.03
1933	Critical	4.14	4.10	1.40	4.32	0.09	1.10	0.07	(1.22)	(0.48)	1.12	3.02	2.86	1.71
1934	Critical	1.60	(5.39)	11.95	1.45	0.35	(0.86)	(2.41)	(3.41)	(3.47)	(2.95)	0.00	0.00	(0.26)
1935	Below Normal	5.32	(7.03)	(5.20)	(0.22)	(0.18)	(0.06)	0.57	0.77	11.33	4.34	4.45	4.43	1.54
1936	Below Normal	4.44	4.43	3.18	4.25	(0.14)	(5.67)	0.05	0.04	4.31	4.31	4.32	4.32	2.32
1937	Below Normal	4.31	4.31	3.15	(0.02)	(0.04)	14.53	(1.29)	(1.29)	2.93	3.06	3.05	3.11	2.98
1938	Wet	3.08	3.17	(1.05)	(0.24)	(34.03)	4.65	(0.76)	(8.55)	(8.59)	2.47	(4.25)	3.57	(3.38)
1939	Dry	3.55	3.61	3.63	28.94	1.45	(5.58)	(9.00)	1.46	4.27	4.18	1.49	3.63	3.47
1940	Above Normal	4.32	(25.15)	7.95	0.82	(2.98)	(0.79)	(0.03)	(0.04)	3.95	4.26	4.26	4.26	0.07
1941	Wet	4.25	4.26	(0.01)	0.01	0.00	(8.10)	0.00	0.00	4.27	4.27	4.27	4.27	1.46
1942	Wet	4.27	4.27	0.00	41.33	0.49	(0.89)	0.11	(0.21)	4.05	4.05	3.94	3.95	5.45
1943	Wet	3.98	4.01	3.11	0.77	1.78	2.80	1.92	0.03	4.29	4.26	4.08	4.09	2.93
1944	Dry	4.11	4.14	3.27	(6.15)	(9.37)	(3.11)	0.05	0.18	3.53	3.37	3.21	3.23	0.54
1945	Below Normal	3.01	2.93	3.01	3.27	0.00	(18.92)	0.12	0.12	4.40	4.38	4.40	4.39	0.93
1946	Below Normal	4.38	4.38	4.39	4.27	0.00	0.29	0.34	0.36	4.65	4.62	4.67	4.64	3.08
1947	Dry	4.64	4.61	3.48	4.96	0.11	0.07	(0.09)	0.36	2.57	2.60	2.70	2.73	2.40
1948	Below Normal	2.32	2.32	2.19	0.75	(1.38)	(0.50)	0.06	3.08	0.00	(0.01)	0.03	0.02	0.74
1949	Dry	0.04	0.04	0.03	(0.01)	(0.02)	(0.05)	(0.01)	0.11	0.08	0.09	0.11	0.12	0.04
1950	Below Normal	0.02	0.02	(0.02)	(0.87)	(0.77)	(0.24)	(0.01)	(0.01)	2.25	2.23	2.23	2.23	0.59
1951	Above Normal	2.23	2.23	(0.01)	0.00	0.00	0.00	0.00	0.00	4.27	4.27	4.27	4.27	1.79
1952	Wet	4.27	4.27	3.19	2.64	(0.01)	(0.01)	(0.01)	(2.59)	(2.79)	1.44	0.32	0.54	0.94
1953	Wet	0.86	1.18	13.07	18.12	(8.15)	(17.10)	(18.77)	(1.83)	3.60	3.52	3.13	3.04	0.06
1954	Above Normal	4.18	4.17	3.41	9.16	4.17	2.67	0.53	0.71	7.96	0.35	1.96	1.93	3.43
1955	Dry	1.93	1.90	1.82	1.63	(0.03)	(0.14)	(0.49)	(0.65)	(0.15)	(0.11)	(0.19)	(0.18)	0.45
1956	Wet	(0.05)	0.00	0.09	(27.32)	0.03	0.05	0.06	0.07	4.34	4.33	4.33	4.34	(0.81)
1957	Above Normal	4.33	4.32	3.32	0.03	0.00	(0.04)	0.03	0.49	4.27	4.27	4.28	4.28	2.47
1958	Wet	4.28	4.28	3.03	4.27	0.00	(0.28)	0.00	0.00	4.27	4.27	4.27	4.27	2.72
1959	Below Normal	4.27	4.27	4.27	4.04	(0.29)	(1.36)	(1.76)	(2.26)	2.99	3.63	3.16	3.26	2.02
1960	Dry	2.94	2.91	2.95	2.71	(0.24)	0.24	0.10	(0.34)	6.78	(1.64)	5.60	(3.32)	1.56
1961	Dry	(1.95)	(1.96)	(1.50)	1.65	1.48	0.56	0.15	0.19	0.20	0.19	1.72	(0.13)	0.05
1962	Below Normal	0.00	0.11	0.68	0.00	0.00	0.00	0.00	0.01	4.27	4.27	4.27	4.27	1.49
1963	Wet	4.27	4.27	3.12	4.27	0.00	0.00	0.00	0.00	4.27	4.26	4.26	4.26	2.75
1964	Dry	4.27	4.26	3.14	4.28	0.06	0.04	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	1.32
1965	Wet	(0.03)	(0.03)	(0.03)	0.29	0.19	(0.36)	0.04	0.22	1.39	4.71	4.75	4.75	1.32
1966	Below Normal	4.57	4.56	3.46	3.72	(0.55)	(0.24)	0.01	0.03	3.74	3.89	3.90	3.90	2.58
1967	Wet	3.87	3.87	3.59	3.78	(0.05)	0.00	0.02	(0.07)	(0.08)	4.20	4.15	4.17	2.29
1968	Below Normal	4.17	1.51	4.21	19.33	0.07	(6.60)	4.28	1.79	5.56	5.69	6.27	6.35	4.39
1969	Wet	4.48	4.51	2.71	(6.70)	(23.11)	0.00	(0.59)	(0.59)	(0.61)	3.71	3.70	3.73	(0.73)
1970	Wet	3.72	3.75	3.78	(16.28)	(1.51)	0.32	0.02	0.31	4.59	4.56	4.60	4.58	1.04
1971	Wet	4.58	4.55	3.45	20.91	(8.11)	0.26	(0.16)	(0.21)	0.69	3.53	3.48	3.49	3.04
1972	Below Normal	3.46	3.46	3.46	3.52	0.03	0.00	(0.02)	(0.05)	(0.05)	(0.05)	(0.04)	(0.05)	1.14
1973	Above Normal	(0.02)	(0.02)	(0.01)	0.10	0.08	0.04	0.00	0.01	4.29	4.28	4.29	4.29	1.44
1974	Wet	4.28	4.28	3.17	20.42	13.57	(11.65)	5.09	(0.58)	3.65	3.64	3.37	3.41	4.39
1975	Wet	3.49	3.56	2.80	1.18	(3.09)	(3.79)	0.84	0.85	5.17	5.10	5.19	5.14	2.20
1976	Critical	5.14	5.06	3.90	5.25	0.90	0.22	(0.41)	(0.53)	0.00	(0.54)	1.32	(1.01)	1.61
1977	Critical	(0.83)	(0.79)	(0.67)	(0.05)	(0.05)	(0.01)	5.11	0.00	0.00	0.00	0.00	0.00	0.23
1978	Above Normal	0.00	0.00	(0.65)	0.00	0.03	(1.17)	(0.19)	4.14	7.59	7.76	8.62	9.04	2.93
1979	Below Normal	5.04	5.12	2.72	(13.28)	(14.51)	5.12	1.04	0.75	5.05	4.94	4.85	4.82	0.97
1980	Above Normal	4.88	4.83	3.78	(2.03)	4.05	(3.60)	(3.61)	(2.96)	1.13	1.21	0.31	0.51	0.71
1981	Dry	0.70	1.03	0.78	2.88	(2.89)	6.47	1.63	2.24	4.27	3.60	(3.28)	5.32	1.90
1982	Wet	5.29	5.23	3.85	4.47	0.24	(0.06)	0.02	0.01	4.28	4.28	4.29	4.29	3.02
1983	Wet	4.28	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.27	4.27	1.07
1984	Wet	0.00	0.00	0.00	0.00	0.39	0.00	0.01	0.00	4.27	4.28	4.27	4.28	1.46
1985	Dry	4.28	4.27	3.19	4.27	0.00	0.00	0.00	0.01	3.64	3.64	3.65	3.64	2.55
1986	Wet	3.65	3.65	3.65	3.65	0.00	(46.44)	0.05	0.05	4.32	4.32	4.33	4.32	(1.20)
1987	Dry	4.32	4.31	2.75	14.40	0.00	0.04	(2.12)	(3.00)	(1.47)	(1.03)	(1.01)	(0.97)	1.35
1988	Critical	(0.06)	0.25	0.51	1.38	(0.19)	(0.06)	0.01	0.00	0.00	0.00	0.00	0.00	0.15
1989	Dry	0.00	0.00	0.00	(0.01)	(0.03)	(0.03)	(0.08)	(0.11)	(1.08)	0.00	(6.23)	1.10	(0.54)
1990	Critical	0.80	0.72	0.59	(0.01)	0.00	0.00	0.01	0.02	0.01	0.01	0.01	0.01	0.18
1991	Critical	0.00	0.01	0.01	0.00	(0.01)	0.00	(0.01)	(2.06)	(0.12)	0.33	0.28	0.30	(0.11)
1992	Critical	0.16	(1.91)	1.39	0.00	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	(0.57)	(0.08)
1993	Above Normal	(0.53)	0.00	0.82	0.00	(0.05)	(0.15)	0.00	0.15	2.05	4.61	4.64	4.65	1.35
1994	Critical	4.47	4.46	3.30	3.72	(0.46)	(0.13)	0.01	0.00	0.28	(0.02)	0.00	(0.01)	1.30
1995	Wet	13.25	(6.79)	0.57	0.00	(0.01)	(0.01)	0.00	0.00	4.27	4.27	4.27	4.27	2.01
1996	Wet	4.27	4.27	4.27	(45.13)	(42.61)	(18.38)	(1.76)	(1.79)	2.38	2.50	2.37	2.49	(7.26)
1997	Wet	2.54	2.66	(0.74)	(7.58)	(0.75)	(0.17)	0.22	0.22	4.50	4.47	4.48	4.46	1.19
1998	Wet	4.47	4.45	3.45	4.52	10.36	(5.54)	(0.09)	(2.69)	(2.88)	(2.93)	0.18	0.41	1.14
1999	Wet	8.54	1.07	8.24	18.63	2.53	(10.49)	(0.35)	0.23	4.51	4.50	4.53	4.52	3.87
2000	Above Normal	4.53	4.50	3.34	4.76	0.61	(0.47)	(0.15)	0.73	4.82	4.87	5.04	5.09	3.14
2001	Dry	4.21	4.23	2.88	0.85	(3.05)	(0.79)	0.49	0.69	1.29	1.19	1.18	1.17	1.20
2002	Dry	0.96	0.89	0.83	0.63	(0.01)	(0.05)	(0.26)	(0.27)	(0.28)	(0.26)	(0.28)	(0.27)	0.14
2003	Above Normal	(0.27)	5.06	(5.22)	0.94	0.85	0.31	(0.02)	(0.01)	2.56	2.55	2.54	2.55	0.99
	Average	3.23	3.27	3.68	2.17	(1.23)	(1.31)	(0.05)	(1.20)	0.74	2.11	2.14	1.15	1.23
	Wet	4.02	2.81	2.73	1.81	(3.59)	(4.44)	(0.60)	(0.72)	2.33	3.49	3.42	3.75	1.25
	Above Normal	2.18	0.22	1.54	2.20	0.65	(0.35)	(0.37)	1.10	2.40	4.78	5.20	5.32	2.07
	Below Normal	3.79	2.69	2.48	2.06	0.16	1.33	2.04	(5.76)	(2.02)	4.96	4.99	4.94	1.81
	Dry	2.01	6.66	7.33	3.68	(0.43)	(0.18)	(1.22)	(0.54)	1.09	0.69	0.20	0.63	1.66
	Critical	3.74	2.90	3.81	0.81	(0.83)	(0.25)	0.78	(0.21)	(1.67)	(4.74)	(4.10)	(12.29)	(1.01)

Percent Difference in Energy generated (GWh) at DCanyon: Alternative2_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%	9%	10%	10%
1923	Below Normal	10%	10%	8%	0%	23%	31%	37%	-99%	-94%	30%	26%	26%
1924	Critical	31%	32%	36%	68%	48%	20%	12%	12%	-21%	-97%	-97%	-98%
1925	Dry	18%	256%	435%	26%	27%	-12%	-16%	-16%	-14%	-14%	-15%	-15%
1926	Dry	-15%	-15%	-14%	12%	0%	3%	-1%	6%	7%	7%	7%	7%
1927	Wet	7%	7%	7%	5%	-4%	0%	-2%	-2%	3%	3%	3%	3%
1928	Above Normal	3%	3%	3%	5%	1%	-2%	-3%	10%	-23%	15%	16%	18%
1929	Critical	7%	7%	3%	-33%	-32%	-22%	6%	-4%	-4%	-4%	-4%	-97%
1930	Dry	46%	41%	39%	2%	0%	4%	0%	0%	-1%	0%	0%	0%
1931	Critical	1%	1%	1%	3%	0%	1%	0%	0%	0%	0%	0%	-91%
1932	Dry	-17%	66%	63%	0%	0%	3%	0%	0%	6%	6%	6%	6%
1933	Critical	7%	8%	3%	31%	0%	4%	0%	-1%	-1%	2%	4%	4%
1934	Critical	3%	-14%	37%	11%	2%	-4%	-4%	-4%	-4%	-4%	0%	0%
1935	Below Normal	18%	-7%	-7%	-2%	-1%	0%	1%	1%	60%	4%	4%	4%
1936	Below Normal	5%	6%	5%	25%	0%	-7%	0%	0%	5%	5%	5%	5%
1937	Below Normal	5%	5%	4%	0%	0%	14%	-2%	-2%	3%	4%	3%	4%
1938	Wet	4%	4%	-2%	0%	-30%	3%	-1%	-10%	-10%	3%	-5%	4%
1939	Dry	4%	5%	6%	30%	2%	-4%	-11%	2%	287%	4%	3%	3%
1940	Above Normal	5%	-67%	8%	7%	-15%	-2%	0%	0%	6%	5%	4%	4%
1941	Wet	5%	6%	0%	0%	0%	-7%	0%	0%	6%	6%	5%	6%
1942	Wet	6%	6%	0%	50%	0%	-1%	0%	0%	5%	5%	5%	5%
1943	Wet	5%	6%	5%	1%	2%	3%	2%	0%	5%	5%	4%	5%
1944	Dry	5%	5%	5%	-7%	-11%	-6%	0%	0%	5%	5%	4%	4%
1945	Below Normal	5%	6%	7%	19%	0%	-14%	0%	0%	5%	5%	5%	5%
1946	Below Normal	5%	6%	6%	4%	0%	0%	0%	0%	6%	6%	5%	6%
1947	Dry	6%	6%	5%	5%	0%	0%	0%	0%	3%	3%	3%	3%
1948	Below Normal	3%	3%	3%	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%	167%	2%	2%	2%
1951	Above Normal	3%	3%	0%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1952	Wet	5%	6%	5%	2%	0%	0%	0%	-4%	-4%	2%	0%	1%
1953	Wet	1%	2%	14%	17%	-7%	-13%	-20%	-2%	5%	5%	4%	4%
1954	Above Normal	6%	6%	6%	13%	6%	4%	1%	1%	9%	0%	2%	2%
1955	Dry	2%	3%	3%	8%	0%	0%	-1%	-1%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	-25%	0%	0%	0%	0%	5%	5%	4%	5%
1957	Above Normal	5%	5%	5%	0%	0%	0%	0%	1%	264%	5%	4%	4%
1958	Wet	6%	6%	5%	19%	0%	0%	0%	0%	5%	5%	4%	5%
1959	Below Normal	5%	5%	6%	4%	0%	-1%	-3%	-3%	194%	4%	3%	3%
1960	Dry	4%	4%	5%	17%	-1%	1%	0%	0%	19%	-2%	10%	-3%
1961	Dry	-2%	-2%	-2%	7%	5%	2%	0%	0%	0%	0%	3%	-1%
1962	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	297%	4%	4%	4%
1963	Wet	5%	6%	5%	10%	0%	0%	0%	0%	5%	6%	5%	5%
1964	Dry	5%	6%	4%	5%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	2%	6%	6%	6%
1966	Below Normal	6%	7%	6%	4%	-1%	0%	0%	0%	5%	5%	4%	4%
1967	Wet	5%	5%	6%	14%	0%	0%	0%	0%	0%	5%	5%	5%
1968	Below Normal	5%	2%	6%	20%	0%	-5%	5%	2%	7%	7%	7%	7%
1969	Wet	6%	7%	5%	-10%	-18%	0%	-1%	-1%	-1%	5%	4%	5%
1970	Wet	5%	5%	6%	-16%	-1%	0%	0%	0%	5%	6%	5%	5%
1971	Wet	6%	6%	5%	21%	-7%	0%	0%	0%	1%	4%	4%	4%
1972	Below Normal	5%	5%	6%	14%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1974	Wet	5%	6%	5%	21%	16%	-10%	6%	-1%	4%	5%	4%	4%
1975	Wet	4%	5%	4%	1%	-3%	-4%	1%	1%	6%	6%	6%	6%
1976	Critical	6%	7%	6%	6%	1%	0%	-1%	-1%	0%	-1%	3%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	91%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	-1%	0%	0%	-2%	0%	6%	10%	11%	11%	12%
1979	Below Normal	7%	7%	4%	-14%	-15%	7%	1%	1%	6%	6%	6%	6%
1980	Above Normal	6%	7%	6%	-2%	4%	-3%	-5%	-4%	1%	2%	0%	1%
1981	Dry	1%	1%	1%	3%	-3%	8%	3%	3%	237%	4%	-4%	5%
1982	Wet	6%	7%	6%	11%	0%	0%	0%	0%	5%	5%	5%	5%
1983	Wet	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%	6%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1985	Dry	5%	6%	4%	4%	0%	0%	0%	0%	4%	5%	4%	5%
1986	Wet	5%	5%	6%	4%	0%	-34%	0%	0%	5%	5%	5%	5%
1987	Dry	5%	5%	4%	13%	0%	0%	-4%	-4%	-2%	-1%	-1%	-1%
1988	Critical	0%	1%	2%	11%	-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%	7%	0%	0%	0%	0%	0%	0%	0%	0%	-3%
1993	Above Normal	-1%	0%	1%	0%	0%	0%	0%	0%	7%	5%	5%	5%
1994	Critical	5%	6%	5%	6%	-1%	0%	0%	0%	1%	0%	0%	0%
1995	Wet	>1,000%	-37%	0%	0%	0%	0%	0%	0%	5%	5%	4%	5%
1996	Wet	5%	5%	6%	-43%	-39%	-20%	-2%	-2%	3%	3%	3%	3%
1997	Wet	3%	3%	-1%	-7%	-1%	0%	0%	0%	6%	6%	5%	5%
1998	Wet	6%	6%	5%	4%	12%	-5%	0%	-3%	-4%	-4%	0%	0%
1999	Wet	10%	1%	10%	17%	3%	-9%	0%	0%	5%	6%	5%	5%
2000	Above Normal	5%	6%	5%	5%	1%	-1%	0%	1%	5%	5%	5%	5%
2001	Dry	5%	6%	5%	3%	-9%	-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%	237%	3%	3%	3%
	Average	4%	7%	10%	6%	-1%	-1%	1%	-1%	22%	2%	2%	0%
	Wet	4%	3%	4%	4%	-3%	-4%	-1%	-1%	3%	4%	4%	4%
	Above Normal	3%	-2%	2%	5%	0%	0%	0%	1%	45%	6%	6%	6%
	Below Normal	6%	4%	4%	5%	0%	2%	3%	-7%	47%	6%	5%	5%
	Dry	4%	22%	31%	7%	1%	0%	-2%	-1%	31%	1%	1%	1%
	Critical	5%	3%	8%	9%	1%	0%	9%	0%	-3%	-9%	-8%	-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: Alternative2_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	7.46	7.04	7.93	7.51	85.36
1923	Below Normal	7.28	6.62	5.83	8.57	9.21	11.74	8.14	0.15	0.51	9.11	10.17	9.78	87.11
1924	Critical	8.45	7.75	6.66	4.84	4.79	3.25	4.41	5.97	4.33	0.23	0.22	0.16	51.06
1925	Dry	3.29	7.77	9.46	1.21	1.93	2.60	5.35	6.84	6.99	6.70	7.47	7.22	66.83
1926	Dry	5.66	5.18	4.30	1.62	2.21	3.17	5.08	7.43	7.50	7.17	8.06	7.79	65.17
1927	Wet	6.12	5.59	4.62	1.74	3.22	6.10	6.93	7.08	7.80	7.32	8.01	7.57	72.10
1928	Above Normal	7.38	6.73	6.03	8.71	8.34	4.96	6.89	7.88	5.79	8.10	8.90	8.54	88.25
1929	Critical	7.47	6.85	5.97	5.25	5.10	3.09	3.43	4.63	4.74	4.12	4.04	0.17	54.86
1930	Dry	3.74	2.78	2.27	0.93	1.77	2.27	5.15	6.74	6.87	6.30	6.73	6.53	52.08
1931	Critical	4.65	4.03	3.37	1.19	1.82	2.02	4.56	6.16	6.29	5.44	5.35	0.51	45.39
1932	Dry	2.52	4.33	3.47	1.09	2.23	2.79	4.92	6.36	6.77	6.42	7.04	6.84	54.78
1933	Critical	5.26	4.76	3.78	1.59	1.93	2.69	5.17	6.91	7.14	6.43	6.68	6.50	58.84
1934	Critical	4.21	2.83	3.77	1.23	1.64	2.04	4.70	6.34	6.49	5.61	0.22	0.16	39.24
1935	Below Normal	3.02	7.66	5.92	1.03	2.01	2.62	6.37	8.24	2.67	8.97	9.93	9.63	68.07
1936	Below Normal	7.56	6.98	5.71	1.87	2.80	6.86	7.03	7.54	8.28	7.77	8.52	8.05	78.97
1937	Below Normal	7.86	7.17	6.42	8.83	8.96	10.45	6.76	7.02	7.74	7.30	8.08	7.61	94.20
1938	Wet	7.38	6.73	5.70	9.45	6.93	12.62	6.24	6.52	6.88	6.85	7.80	7.38	90.48
1939	Dry	7.14	6.48	5.73	10.89	6.52	11.20	6.49	7.88	0.58	8.79	4.29	10.45	86.44
1940	Above Normal	8.52	0.98	9.08	1.16	1.42	3.51	6.28	8.25	5.87	8.53	9.51	9.22	72.33
1941	Wet	7.30	6.70	5.21	2.89	3.75	9.60	5.69	6.03	6.70	6.37	7.22	6.82	74.28
1942	Wet	6.59	5.99	4.95	10.69	9.71	11.65	7.82	6.51	7.22	6.80	7.60	7.19	92.72
1943	Wet	7.00	6.36	5.64	8.51	9.93	8.27	7.56	7.40	8.10	7.66	8.52	8.06	93.01
1944	Dry	7.84	7.14	6.34	7.36	6.78	4.21	5.11	6.66	6.97	6.57	7.14	6.93	79.05
1945	Below Normal	5.21	4.65	3.92	1.78	2.28	10.55	7.02	7.23	7.97	7.47	8.19	7.74	74.01
1946	Below Normal	7.54	6.88	6.62	10.00	6.77	6.70	6.63	6.83	7.52	7.07	7.84	7.43	87.83
1947	Dry	7.24	6.59	5.88	8.80	8.84	5.13	6.86	7.93	8.29	7.86	8.67	8.33	90.42
1948	Below Normal	7.20	6.59	5.70	4.81	4.73	2.91	4.94	4.52	0.18	8.59	9.48	9.21	68.86
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	0.36	8.57	9.43	9.15	66.13
1951	Above Normal	7.14	6.55	5.25	11.56	9.28	11.59	6.49	7.02	7.74	7.26	8.05	7.63	95.56
1952	Wet	7.44	6.77	6.04	9.49	9.18	6.46	5.41	5.55	5.80	5.90	6.72	6.36	81.12
1953	Wet	6.13	5.55	9.03	10.66	8.79	10.23	6.77	6.59	7.16	6.80	7.60	7.26	92.57
1954	Above Normal	6.70	6.11	5.30	6.92	6.88	6.10	6.38	8.16	8.25	6.98	9.05	8.77	85.60
1955	Dry	6.92	6.32	5.23	1.94	2.78	3.28	5.24	6.72	6.76	6.49	7.27	7.03	65.98
1956	Wet	5.49	5.00	4.14	7.37	9.46	11.87	7.41	7.68	8.43	7.91	8.79	8.34	91.89
1957	Above Normal	8.13	7.41	6.59	10.17	9.75	5.95	5.24	3.28	0.57	8.39	9.15	8.90	83.53
1958	Wet	6.94	6.38	5.22	2.28	4.47	10.61	7.36	7.64	8.38	7.91	8.87	8.38	84.44
1959	Below Normal	8.15	7.41	6.63	8.85	8.55	9.76	5.89	7.50	0.48	8.60	9.49	9.20	90.51
1960	Dry	7.22	6.61	5.49	1.64	1.82	2.60	6.79	8.52	3.76	8.70	5.28	10.11	68.54
1961	Dry	8.05	7.34	6.10	2.23	2.77	2.58	5.71	7.28	7.32	6.99	5.45	2.21	64.03
1962	Below Normal	0.02	5.51	10.90	0.76	1.30	3.27	5.78	7.43	0.55	8.88	9.77	9.49	63.66
1963	Wet	7.44	6.84	5.60	4.22	4.56	5.75	6.49	6.74	7.42	6.98	7.74	7.34	77.12
1964	Dry	7.16	6.51	7.24	8.25	5.02	5.41	7.01	7.03	7.39	6.91	7.65	7.20	82.78
1965	Wet	7.04	6.37	5.75	7.80	8.19	6.34	6.39	6.60	6.54	6.88	7.62	7.23	82.75
1966	Below Normal	6.91	6.29	5.57	8.70	8.70	6.50	6.11	7.61	6.94	7.70	8.78	8.46	88.27
1967	Wet	6.91	6.32	5.26	2.73	4.98	6.01	6.98	7.14	7.48	7.40	8.24	7.79	77.24
1968	Below Normal	7.58	6.66	6.21	9.96	10.18	10.00	7.34	7.18	7.64	7.27	8.26	7.95	96.23
1969	Wet	6.79	6.20	5.18	5.13	9.07	12.21	6.33	6.61	6.94	6.93	7.89	7.47	86.75
1970	Wet	7.30	6.46	5.80	7.72	10.21	12.12	6.55	7.04	7.77	7.28	8.06	7.63	93.94
1971	Wet	7.45	6.78	6.04	10.29	9.23	7.79	5.85	7.56	7.48	7.56	8.62	8.32	92.97
1972	Below Normal	6.65	6.08	5.05	2.46	3.99	5.27	6.28	7.71	7.76	7.39	8.37	8.06	75.07
1973	Above Normal	6.61	6.02	5.03	3.10	5.70	6.62	6.84	7.26	8.00	7.48	8.24	7.79	78.69
1974	Wet	7.61	6.93	6.19	10.27	8.53	8.92	7.52	7.01	7.74	7.26	8.10	7.69	93.77
1975	Wet	7.49	6.80	6.03	9.84	9.48	8.38	7.11	7.16	7.90	7.39	8.09	7.66	93.33
1976	Critical	7.45	6.80	6.10	8.68	8.72	5.11	5.92	7.61	0.23	8.28	4.57	9.70	79.17
1977	Critical	7.51	6.85	5.65	1.38	1.84	1.82	1.15	0.14	0.16	0.28	0.24	0.17	27.19
1978	Above Normal	0.03	0.00	7.48	0.81	2.41	4.80	6.37	6.85	7.48	7.06	7.79	7.41	58.49
1979	Below Normal	6.89	6.27	5.50	7.14	7.05	7.08	6.85	6.91	7.64	7.16	7.88	7.45	83.82
1980	Above Normal	7.24	6.59	5.89	8.32	9.27	11.92	5.97	6.28	6.96	6.62	7.46	7.05	89.57
1981	Dry	6.82	6.19	5.43	9.96	9.69	7.14	5.93	7.76	0.59	8.96	7.71	9.98	86.16
1982	Wet	7.80	7.16	5.86	3.95	4.38	12.10	7.71	7.33	8.06	7.60	8.58	8.12	88.65
1983	Wet	7.89	6.99	11.26	9.83	9.30	12.21	5.11	5.40	5.97	5.43	6.43	6.35	92.17
1984	Wet	6.49	5.90	11.26	9.03	9.57	12.22	6.55	7.12	7.82	7.36	8.15	7.73	99.20
1985	Dry	7.52	6.86	6.85	9.89	8.99	7.54	6.53	6.71	7.39	6.91	7.60	7.17	89.96
1986	Wet	7.00	6.37	5.79	8.48	7.93	7.67	7.21	7.29	8.03	7.57	8.47	7.98	89.79
1987	Dry	7.75	7.07	6.20	10.93	9.69	5.41	4.90	6.64	6.94	5.99	5.91	5.77	83.20
1988	Critical	3.64	2.85	2.39	1.18	1.85	1.75	3.38	4.51	4.63	4.02	3.93	3.82	37.95
1989	Dry	2.32	1.76	1.49	0.90	1.59	1.74	6.60	8.56	4.10	8.65	7.57	9.74	55.02
1990	Critical	7.60	6.96	5.72	1.46	2.04	2.22	4.41	5.94	6.10	5.26	5.17	5.04	57.92
1991	Critical	3.10	2.39	2.00	0.99	1.50	1.72	3.44	4.05	1.27	4.85	4.68	4.58	34.57
1992	Critical	2.74	1.79	1.90	0.90	1.43	1.60	3.39	4.52	4.63	0.22	0.22	1.60	24.94
1993	Above Normal	5.65	0.00	7.77	0.89	3.70	4.99	6.39	7.18	2.60	7.89	8.76	8.38	64.20
1994	Critical	7.46	6.83	5.87	5.92	5.86	4.21	5.41	6.90	4.65	6.87	0.22	6.48	66.68
1995	Wet	1.15	0.97	11.07	0.75	3.31	4.53	7.47	7.53	8.26	7.79	8.64	8.17	69.64
1996	Wet	7.95	7.24	6.53	5.18	5.67	6.16	6.98	7.01	7.72	7.25	8.00	7.57	83.26
1997	Wet	7.38	6.73	5.80	8.91	8.04	11.82	6.44	6.70	7.38	6.97	7.82	7.41	91.40
1998	Wet	7.19	6.54	5.77	9.96	8.14	9.05	6.37	6.47	6.79	6.44	7.64	7.21	87.57
1999	Wet	7.73	7.11	7.64	10.80	6.95	9.27	6.56	7.05	7.75	7.31	8.11	7.67	93.95
2000	Above Normal	7.48	6.82	6.08	9.39	8.70	6.41	6.48	8.07	8.47	8.15	9.08	8.77	93.90
2001	Dry	7.15	6.57	5.44	2.83	2.78	2.66	5.18	7.07	7.28	6.31	6.22	6.07	65.56
2002	Dry	3.76	2.96	2.46	1.47	2.68	3.46	7.14	7.15	7.49	7.03	7.68	7.22	60.50
2003	Above Normal	7.02	2.81	7.47	1.77	2.81	3.44	5.40	6.92	0.35	8.18	8.96	8.70	63.83
	Average	6.47	5.85	5.87	5.47	5.64	6.33	6.06	6.71	5.99	6.96	7.27	7.17	75.79
	Wet	6.88	6.26	6.44	7.23	7.42	9.23	6.72	6.88	7.44	7.11	7.97	7.57	87.16
	Above Normal	6.99	5.02	6.72	5.45	5.97	6.29	6.28	6.99	5.80	7.64	8.57	8.22	79.94
	Below Normal	6.35	6.51	6.11	5.48	5.63	6.87	6.49	6.66	4.73	7.99	8.87	8.52	80.20
	Dry	6.07	5.83	5.27	4.64	4.47	4.23	5.94	7.28	6.17	7.24	7.00	7.48	71.60
	Critical	5.80	5.06	4.43	2.88	3.21	2.63	4.11	5.31	4.22	4.30	2.96	3.24	48.15

Difference in Energy generated (GWh) at Mojave Dam: Alternative2_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	0.55	0.56	0.71	0.69	0.30
1923	Below Normal	0.66	0.63	0.45	0.02	1.72	2.77	2.15	(7.20)	(6.84)	2.06	2.09	2.00	0.04
1924	Critical	2.01	1.90	1.77	1.96	1.55	0.54	0.45	0.64	(1.14)	(4.49)	(4.41)	(4.35)	(0.30)
1925	Dry	0.54	5.65	7.68	0.25	0.41	(0.54)	(0.81)	(1.30)	(1.15)	(1.09)	(1.29)	(1.25)	0.59
1926	Dry	(0.99)	(0.90)	(0.71)	0.17	0.00	0.09	(0.04)	0.42	0.47	0.45	0.49	0.48	(0.01)
1927	Wet	0.38	0.37	0.31	0.09	(0.12)	(0.03)	(0.12)	(0.14)	0.22	0.23	0.21	0.22	0.14
1928	Above Normal	0.21	0.23	0.14	0.42	0.04	(0.13)	(0.19)	0.69	(1.74)	1.06	1.21	1.29	0.27
1929	Critical	0.48	0.49	0.20	(2.55)	(2.46)	(0.85)	0.17	(0.21)	(0.22)	(0.18)	(0.18)	(3.75)	(0.76)
1930	Dry	1.19	0.83	0.63	0.02	0.00	0.10	(0.01)	(0.04)	(0.03)	(0.02)	0.00	0.00	0.22
1931	Critical	0.03	0.03	0.03	0.04	0.00	0.02	(0.02)	(0.03)	(0.03)	(0.03)	(0.02)	(4.64)	(0.39)
1932	Dry	(0.52)	1.75	1.33	0.01	0.00	0.08	0.00	0.01	0.38	0.37	0.36	0.37	0.35
1933	Critical	0.36	0.35	0.12	0.37	0.00	0.10	0.01	(0.10)	(0.04)	0.10	0.26	0.24	0.15
1934	Critical	0.13	(0.46)	1.02	0.12	0.03	(0.07)	(0.21)	(0.30)	(0.29)	(0.25)	0.00	0.00	(0.02)
1935	Below Normal	0.45	(0.60)	(0.44)	(0.02)	(0.02)	(0.01)	0.04	0.07	0.97	0.38	0.38	0.38	0.13
1936	Below Normal	0.38	0.39	0.28	0.37	(0.01)	(0.48)	0.00	0.00	0.37	0.37	0.37	0.37	0.20
1937	Below Normal	0.37	0.37	0.27	0.00	0.05	1.21	(0.11)	(0.11)	0.25	0.26	0.26	0.26	0.26
1938	Wet	0.27	0.27	(0.09)	(0.02)	(2.86)	0.41	(0.07)	(0.73)	(0.73)	0.21	(0.36)	0.30	(0.28)
1939	Dry	0.31	0.31	0.31	2.47	0.12	(0.48)	(0.76)	0.13	0.39	0.36	0.12	0.30	0.30
1940	Above Normal	0.37	(2.15)	0.68	0.07	(0.25)	(0.06)	(0.01)	0.00	0.34	0.36	0.36	0.37	0.01
1941	Wet	0.36	0.36	(0.01)	0.00	0.00	(0.69)	0.00	0.00	0.37	0.37	0.37	0.36	0.12
1942	Wet	0.37	0.37	0.00	3.53	0.04	(0.08)	0.01	(0.02)	0.35	0.34	0.34	0.34	0.47
1943	Wet	0.34	0.34	0.27	0.07	0.16	0.24	0.17	0.00	0.36	0.37	0.35	0.35	0.25
1944	Dry	0.35	0.35	0.28	(0.54)	(0.81)	(0.27)	0.00	0.01	0.30	0.29	0.27	0.27	0.04
1945	Below Normal	0.26	0.25	0.26	0.28	0.00	(1.61)	0.01	0.01	0.38	0.37	0.38	0.38	0.08
1946	Below Normal	0.37	0.38	0.38	0.37	0.00	0.03	0.03	0.04	0.40	0.39	0.40	0.40	0.27
1947	Dry	0.40	0.39	0.30	0.43	0.01	0.00	(0.01)	0.03	0.22	0.23	0.23	0.23	0.21
1948	Below Normal	0.19	0.20	0.18	0.07	(0.12)	(0.05)	0.01	0.26	0.00	0.00	0.00	0.01	0.06
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	0.19	0.19	0.19	0.19	0.05
1951	Above Normal	0.19	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.37	0.37	0.37	0.16
1952	Wet	0.37	0.36	0.28	0.23	0.00	0.00	0.00	(0.23)	(0.24)	0.12	0.02	0.05	0.08
1953	Wet	0.07	0.10	1.12	1.53	(0.71)	(1.47)	(1.60)	(0.15)	0.31	0.30	0.26	0.25	0.00
1954	Above Normal	0.36	0.36	0.30	0.79	0.36	0.23	0.05	0.06	0.68	0.03	0.16	0.17	0.30
1955	Dry	0.17	0.16	0.16	0.14	0.00	(0.01)	(0.04)	(0.06)	(0.01)	(0.01)	(0.02)	(0.02)	0.04
1956	Wet	(0.01)	0.00	0.01	(2.33)	0.01	0.00	0.01	0.01	0.38	0.37	0.37	0.38	(0.07)
1957	Above Normal	0.37	0.37	0.28	0.00	0.00	(0.01)	0.00	0.04	0.37	0.37	0.36	0.36	0.21
1958	Wet	0.36	0.37	0.26	0.37	0.00	(0.03)	0.00	0.00	0.37	0.37	0.37	0.37	0.23
1959	Below Normal	0.36	0.36	0.37	0.34	(0.02)	(0.11)	(0.15)	(0.19)	0.29	0.31	0.26	0.27	0.17
1960	Dry	0.25	0.25	0.25	0.24	(0.03)	0.02	0.01	(0.02)	0.58	(0.14)	0.47	(0.28)	0.13
1961	Dry	(0.16)	(0.17)	(0.13)	0.15	0.13	0.05	0.01	0.02	0.02	0.01	0.15	(0.01)	0.01
1962	Below Normal	0.00	0.01	0.05	0.00	0.00	0.00	0.00	0.00	0.37	0.37	0.37	0.37	0.13
1963	Wet	0.36	0.37	0.26	0.37	0.00	0.00	0.00	0.00	0.36	0.36	0.36	0.37	0.23
1964	Dry	0.37	0.37	0.26	0.36	0.01	0.01	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.11
1965	Wet	0.00	0.00	0.00	0.03	0.01	(0.03)	0.00	0.02	0.12	0.40	0.40	0.41	0.11
1966	Below Normal	0.39	0.39	0.30	0.32	(0.05)	(0.02)	0.00	0.00	0.33	0.33	0.34	0.33	0.22
1967	Wet	0.33	0.33	0.31	0.32	0.00	0.00	0.01	0.00	(0.01)	0.36	0.36	0.35	0.20
1968	Below Normal	0.36	0.12	0.36	1.65	0.00	(0.56)	0.36	0.16	0.48	0.49	0.54	0.55	0.38
1969	Wet	0.39	0.39	0.23	(0.58)	(1.94)	0.00	(0.05)	(0.05)	(0.05)	0.32	0.32	0.32	(0.06)
1970	Wet	0.31	0.33	0.32	(1.38)	(0.12)	0.03	0.00	0.02	0.40	0.40	0.39	0.39	0.09
1971	Wet	0.39	0.39	0.29	1.79	(0.70)	0.02	(0.01)	(0.02)	0.07	0.30	0.30	0.30	0.26
1972	Below Normal	0.30	0.29	0.30	0.30	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.00	0.10
1973	Above Normal	0.00	(0.01)	(0.01)	0.01	0.00	0.03	(0.02)	0.00	0.36	0.37	0.37	0.37	0.12
1974	Wet	0.37	0.37	0.27	1.75	1.16	(0.99)	0.43	(0.05)	0.31	0.31	0.28	0.30	0.38
1975	Wet	0.30	0.31	0.24	0.10	(0.27)	(0.33)	0.07	0.07	0.44	0.44	0.44	0.44	0.19
1976	Critical	0.44	0.44	0.33	0.45	0.07	0.02	(0.03)	(0.05)	0.00	(0.05)	0.11	(0.09)	0.14
1977	Critical	(0.07)	(0.07)	(0.06)	0.00	0.00	0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.02
1978	Above Normal	0.00	0.00	(0.06)	0.00	0.01	(0.10)	(0.01)	0.35	0.65	0.67	0.74	0.78	0.25
1979	Below Normal	0.44	0.44	0.23	(1.15)	(1.44)	0.45	0.28	0.06	0.43	0.42	0.42	0.41	0.08
1980	Above Normal	0.41	0.41	0.32	(0.18)	0.28	(0.29)	(0.31)	(0.26)	0.09	0.10	0.03	0.05	0.05
1981	Dry	0.06	0.09	0.06	0.27	(0.23)	0.56	0.14	0.20	0.36	0.31	(0.28)	0.46	0.17
1982	Wet	0.45	0.45	0.33	0.38	0.02	(0.01)	0.01	0.00	0.37	0.37	0.37	0.37	0.26
1983	Wet	0.27	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.36	0.09
1984	Wet	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.37	0.37	0.37	0.37	0.13
1985	Dry	0.36	0.36	0.28	0.36	0.00	0.00	0.00	0.00	0.32	0.31	0.32	0.31	0.22
1986	Wet	0.32	0.31	0.31	0.32	0.00	(4.16)	0.20	0.01	0.37	0.37	0.37	0.37	(0.10)
1987	Dry	0.37	0.37	0.24	1.23	0.00	0.01	(0.19)	(0.25)	(0.13)	(0.09)	(0.09)	(0.08)	0.12
1988	Critical	0.00	0.02	0.04	0.12	(0.02)	(0.01)	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	(0.01)	(0.10)	0.00	(0.53)	0.10	(0.05)
1990	Critical	0.06	0.07	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)	0.03	0.02	0.02	(0.01)
1992	Critical	0.02	(0.16)	0.12	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.05)	(0.01)
1993	Above Normal	(0.04)	0.00	0.07	0.00	0.00	(0.01)	0.00	0.01	0.18	0.40	0.40	0.40	0.12
1994	Critical	0.38	0.38	0.29	0.32	(0.04)	(0.01)	0.00	0.00	0.02	0.00	0.00	0.00	0.11
1995	Wet	1.13	(0.53)	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.37	0.36	0.37	0.17
1996	Wet	0.36	0.36	0.37	(3.91)	(3.69)	(1.59)	(0.15)	(0.15)	0.20	0.22	0.20	0.22	(0.63)
1997	Wet	0.22	0.23	(0.06)	(0.65)	(0.06)	(0.01)	0.02	0.02	0.39	0.39	0.38	0.38	0.10
1998	Wet	0.39	0.38	0.29	0.39	0.88	(0.47)	0.00	(0.24)	(0.25)	(0.25)	0.01	0.03	0.10
1999	Wet	0.82	(0.01)	0.70	1.58	0.20	(0.91)	(0.03)	0.02	0.39	0.38	0.39	0.38	0.33
2000	Above Normal	0.39	0.39	0.29	0.41	0.05	(0.04)	(0.01)	0.06	0.41	0.42	0.43	0.43	0.27
2001	Dry	0.36	0.37	0.24	0.07	(0.27)	(0.07)	0.04	0.06	0.11	0.10	0.10	0.10	0.10
2002	Dry	0.08	0.08	0.07	0.06	0.00	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)	0.01
2003	Above Normal	(0.03)	0.43	(0.45)	0.09	0.08	0.02	0.00	0.00	0.22	0.22	0.22	0.22	0.08
	Average	0.28	0.28	0.31	0.19	(0.11)	(0.12)	0.00	(0.10)	0.07	0.18	0.18	0.10	0.11
	Wet	0.34	0.24	0.23	0.15	(0.31)	(0.39)	(0.04)	(0.06)	0.20	0.30	0.29	0.32	0.11
	Above Normal	0.19	0.02	0.13	0.19	0.05	(0.03)	(0.03)	0.09	0.21	0.41	0.45	0.46	0.18
	Below Normal	0.32	0.23	0.21	0.18	0.00	0.11	0.19	(0.49)	(0.17)	0.42	0.43	0.42	0.16
	Dry	0.18	0.57	0.63	0.32	(0.04)	(0.03)	(0.09)	(0.05)	0.10	0.06	0.02	0.05	0.14
	Critical	0.32	0.25	0.33	0.07	(0.07)	(0.02)	0.07	(0.02)	(0.14)	(0.41)	(0.35)	(1.05)	(0.09)

Percent Difference in Energy generated (GWh) at Mojave Dam: Alternative2_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%	9%	10%	10%
1923	Below Normal	10%	11%	8%	0%	23%	31%	36%	-98%	-93%	29%	26%	26%
1924	Critical	31%	32%	36%	68%	48%	20%	11%	12%	-21%	-95%	-95%	-96%
1925	Dry	20%	267%	431%	26%	27%	-17%	-13%	-16%	-14%	-14%	-15%	-15%
1926	Dry	-15%	-15%	-14%	12%	0%	3%	-1%	6%	7%	7%	6%	7%
1927	Wet	7%	7%	7%	5%	-4%	0%	-2%	-2%	3%	3%	3%	3%
1928	Above Normal	3%	4%	2%	5%	0%	-3%	-3%	10%	-23%	15%	16%	18%
1929	Critical	7%	8%	3%	-33%	-33%	-22%	5%	-4%	-4%	-4%	-4%	-96%
1930	Dry	47%	43%	38%	2%	0%	5%	0%	-1%	0%	0%	0%	0%
1931	Critical	1%	1%	1%	3%	0%	1%	0%	0%	0%	-1%	0%	-90%
1932	Dry	-17%	68%	62%	1%	0%	3%	0%	0%	6%	6%	5%	6%
1933	Critical	7%	8%	3%	30%	0%	4%	0%	-1%	-1%	2%	4%	4%
1934	Critical	3%	-14%	37%	11%	2%	-3%	-4%	-5%	-4%	-4%	0%	0%
1935	Below Normal	18%	-7%	-7%	-2%	-1%	0%	1%	1%	57%	4%	4%	4%
1936	Below Normal	5%	6%	5%	25%	0%	-7%	0%	0%	5%	5%	5%	5%
1937	Below Normal	5%	5%	4%	0%	1%	13%	-2%	-2%	3%	4%	3%	4%
1938	Wet	4%	4%	-2%	0%	-29%	3%	-1%	-10%	-10%	3%	-4%	4%
1939	Dry	5%	5%	6%	29%	2%	-4%	-10%	2%	205%	4%	3%	3%
1940	Above Normal	5%	-69%	8%	6%	-15%	-2%	0%	0%	6%	4%	4%	4%
1941	Wet	5%	6%	0%	0%	0%	-7%	0%	0%	6%	6%	5%	6%
1942	Wet	6%	7%	0%	49%	0%	-1%	0%	0%	5%	5%	5%	5%
1943	Wet	5%	6%	5%	1%	2%	3%	2%	0%	5%	5%	4%	5%
1944	Dry	5%	5%	5%	-7%	-11%	-6%	0%	0%	4%	5%	4%	4%
1945	Below Normal	5%	6%	7%	19%	0%	-13%	0%	0%	5%	5%	5%	5%
1946	Below Normal	5%	6%	6%	4%	0%	0%	0%	1%	6%	6%	5%	6%
1947	Dry	6%	6%	5%	5%	0%	0%	0%	0%	3%	3%	3%	3%
1948	Below Normal	3%	3%	3%	1%	-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%	112%	2%	2%	2%
1951	Above Normal	3%	3%	0%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1952	Wet	5%	6%	5%	2%	0%	0%	0%	-4%	-4%	2%	0%	1%
1953	Wet	1%	2%	14%	17%	-7%	-13%	-19%	-2%	5%	5%	4%	4%
1954	Above Normal	6%	6%	6%	13%	6%	4%	1%	1%	9%	0%	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%	5%	5%	4%	5%
1957	Above Normal	5%	5%	4%	0%	0%	0%	0%	1%	185%	5%	4%	4%
1958	Wet	5%	6%	5%	19%	0%	0%	0%	0%	5%	5%	4%	5%
1959	Below Normal	5%	5%	6%	4%	0%	-1%	-2%	-2%	153%	4%	3%	3%
1960	Dry	4%	4%	5%	17%	-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%	206%	4%	4%	4%
1963	Wet	5%	6%	5%	10%	0%	0%	0%	0%	5%	5%	5%	5%
1964	Dry	5%	6%	4%	5%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	2%	6%	6%	6%
1966	Below Normal	6%	7%	6%	4%	-1%	0%	0%	0%	5%	4%	4%	4%
1967	Wet	5%	6%	6%	13%	0%	0%	0%	0%	0%	5%	5%	5%
1968	Below Normal	5%	2%	6%	20%	0%	-5%	5%	2%	7%	7%	7%	7%
1969	Wet	6%	7%	5%	-10%	-18%	0%	-1%	-1%	-1%	5%	4%	4%
1970	Wet	4%	5%	6%	-15%	-1%	0%	0%	0%	5%	6%	5%	5%
1971	Wet	6%	6%	5%	21%	-7%	0%	0%	0%	1%	4%	4%	4%
1972	Below Normal	5%	5%	6%	14%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1974	Wet	5%	6%	5%	21%	16%	-10%	6%	-1%	4%	4%	4%	4%
1975	Wet	4%	5%	4%	1%	-3%	-4%	1%	1%	6%	6%	6%	6%
1976	Critical	6%	7%	6%	5%	1%	0%	-1%	-1%	0%	-1%	2%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	62%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	-1%	0%	0%	-2%	0%	5%	10%	10%	10%	12%
1979	Below Normal	7%	8%	4%	-14%	-17%	7%	4%	1%	6%	6%	6%	6%
1980	Above Normal	6%	7%	6%	-2%	3%	-2%	-5%	-4%	1%	2%	0%	1%
1981	Dry	1%	1%	1%	3%	-2%	9%	2%	3%	157%	4%	-4%	5%
1982	Wet	6%	7%	6%	11%	0%	0%	0%	0%	5%	5%	5%	5%
1983	Wet	4%	1%	0%	0%	0%	0%	0%	0%	0%	0%	6%	6%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1985	Dry	5%	6%	4%	4%	0%	0%	0%	0%	5%	5%	4%	5%
1986	Wet	5%	5%	6%	4%	0%	-35%	3%	0%	5%	5%	5%	5%
1987	Dry	5%	6%	4%	13%	0%	0%	-4%	-4%	-2%	-1%	-2%	-1%
1988	Critical	0%	1%	2%	11%	-1%	-1%	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%	0%	0%
1992	Critical	1%	-8%	7%	0%	0%	-1%	0%	0%	0%	0%	0%	-3%
1993	Above Normal	-1%	0%	1%	0%	0%	0%	0%	0%	7%	5%	5%	5%
1994	Critical	5%	6%	5%	6%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	>1,000%	-35%	0%	0%	0%	0%	0%	0%	5%	5%	4%	5%
1996	Wet	5%	5%	6%	-43%	-39%	-21%	-2%	-2%	3%	3%	3%	3%
1997	Wet	3%	4%	-1%	-7%	-1%	0%	0%	0%	6%	6%	5%	5%
1998	Wet	6%	6%	5%	4%	12%	-5%	0%	-4%	-4%	-4%	0%	0%
1999	Wet	12%	0%	10%	17%	3%	-9%	0%	0%	5%	5%	5%	5%
2000	Above Normal	6%	6%	5%	5%	1%	-1%	0%	1%	5%	5%	5%	5%
2001	Dry	5%	6%	5%	3%	-9%	-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%	18%	-6%	5%	3%	1%	0%	0%	169%	3%	3%	3%
	Average	4%	7%	10%	6%	-1%	-1%	1%	-1%	16%	2%	2%	0%
	Wet	4%	3%	4%	4%	-3%	-4%	0%	-1%	3%	4%	4%	4%
	Above Normal	3%	-2%	2%	5%	0%	0%	0%	1%	32%	6%	6%	6%
	Below Normal	6%	4%	4%	5%	0%	2%	3%	-7%	34%	6%	5%	5%
	Dry	4%	23%	31%	7%	1%	0%	-1%	-1%	22%	1%	1%	1%
	Critical	5%	3%	8%	9%	1%	0%	6%	0%	-3%	-9%	-8%	-23%

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: Alternative2_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	139.03	1,702.14
1924	Critical	122.14	72.45	118.98	44.42	42.73	72.31	95.81	114.20	124.56	119.78	69.83	34.13	1,031.34
1925	Dry	21.05	20.33	21.42	36.66	19.49	19.90	63.41	95.00	198.29	343.57	179.35	168.98	1,187.45
1926	Dry	59.12	26.72	42.89	18.42	18.27	44.59	48.37	183.45	245.61	356.54	205.29	110.96	1,360.23
1927	Wet	26.11	40.04	112.36	20.07	76.54	238.14	223.48	228.22	165.78	425.45	342.73	358.02	2,256.94
1928	Above Normal	122.22	71.88	89.13	44.99	121.77	267.19	86.97	126.04	260.07	424.23	316.93	264.94	2,196.36
1929	Critical	112.06	32.54	41.59	51.94	42.22	43.36	114.72	149.47	124.72	88.12	71.38	35.79	907.91
1930	Dry	29.53	19.67	115.23	19.77	102.11	19.43	71.70	105.44	227.61	365.83	184.63	167.74	1,428.69
1931	Critical	55.51	28.67	22.64	21.62	20.35	19.96	138.91	101.46	118.39	190.24	83.99	35.58	837.32
1932	Dry	25.27	19.81	106.47	19.02	35.42	76.04	94.32	76.99	107.75	316.95	239.81	61.80	1,179.65
1933	Critical	36.83	30.15	23.05	37.57	19.29	122.37	93.13	112.08	132.00	124.02	70.21	36.61	837.31
1934	Critical	26.70	20.64	65.17	35.07	83.76	18.44	111.52	128.36	130.74	79.93	77.08	33.15	810.56
1935	Below Normal	35.96	19.67	20.04	35.94	20.14	19.12	55.79	120.08	170.57	397.49	321.65	199.55	1,416.00
1936	Below Normal	77.39	58.84	47.71	45.76	173.52	184.17	88.60	119.32	143.60	387.80	321.67	107.56	1,755.94
1937	Below Normal	148.59	79.11	156.34	47.40	41.08	48.44	85.74	124.22	331.80	354.96	226.25	79.92	1,723.85
1938	Wet	115.89	43.26	47.98	51.18	393.76	575.85	480.73	607.94	396.29	234.75	229.77	366.98	3,544.38
1939	Dry	138.51	82.81	87.81	54.40	49.83	55.05	185.71	171.00	182.67	369.14	245.28	196.63	1,818.84
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	338.05	157.35	395.90	2,770.60
1942	Wet	136.32	80.08	255.33	482.17	520.62	90.67	381.59	280.65	320.86	319.58	196.48	394.14	3,458.49
1943	Wet	149.58	76.54	51.52	552.12	225.96	547.96	178.57	123.07	168.77	437.60	334.16	366.02	3,211.87
1944	Dry	136.66	76.75	155.52	56.67	53.39	58.74	109.97	116.34	208.46	336.74	197.32	61.28	1,567.84
1945	Below Normal	42.78	39.10	55.49	40.06	39.94	49.07	95.09	106.32	135.52	374.13	295.26	135.71	1,408.47
1946	Below Normal	114.20	42.96	46.19	49.81	51.91	96.01	111.69	153.02	187.81	417.43	337.36	161.21	1,769.60
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	85.53	1,279.58
1949	Dry	79.89	49.69	46.84	48.79	44.53	49.56	103.64	112.07	212.79	359.90	205.65	194.32	1,507.67
1950	Below Normal	33.58	24.18	29.68	35.66	18.39	19.47	92.03	116.64	130.91	400.29	321.39	154.58	1,376.80
1951	Above Normal	63.89	48.76	415.89	393.69	330.91	155.21	113.96	132.68	199.39	441.54	336.66	274.65	2,907.23
1952	Wet	119.70	70.82	47.53	50.21	363.73	238.57	580.03	609.34	408.64	179.85	120.55	344.44	3,133.41
1953	Wet	160.46	85.07	207.63	580.34	47.61	212.03	206.94	196.76	289.76	436.63	225.46	356.51	3,005.20
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	119.44	45.94	43.82	45.25	43.62	48.88	108.03	112.99	152.89	328.18	148.94	115.76	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	222.91	146.20	367.58	2,932.22
1959	Below Normal	159.78	86.25	217.08	49.30	236.72	73.07	144.19	126.68	230.04	412.16	300.86	148.63	2,184.76
1960	Dry	88.60	64.01	41.39	28.82	26.27	24.96	117.20	121.88	215.06	365.35	240.35	206.01	1,539.90
1961	Dry	30.98	41.88	36.12	28.54	24.40	26.47	89.65	113.08	155.91	340.60	145.27	43.04	1,075.94
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	357.84	2,908.68
1964	Dry	120.67	57.57	47.64	45.54	44.22	48.83	123.69	110.59	135.34	350.65	172.92	217.31	1,474.97
1965	Wet	55.46	44.72	91.88	575.85	144.29	179.55	319.65	215.70	175.61	428.51	260.46	368.63	2,860.31
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	60.46	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	148.91	74.39	373.53	223.70	132.34	129.32	225.72	427.99	292.88	205.24	2,473.81
1969	Wet	86.89	43.25	44.55	315.93	379.48	217.27	315.65	556.00	224.38	161.80	157.04	334.57	2,836.81
1970	Wet	144.50	81.90	458.27	576.37	322.23	137.74	119.70	125.14	170.41	407.89	307.71	249.20	3,101.06
1971	Wet	119.26	74.95	64.55	67.85	63.13	220.35	217.07	381.53	287.06	419.64	285.63	365.81	2,566.83
1972	Below Normal	122.08	71.39	47.76	48.51	46.72	69.29	119.65	119.04	191.09	392.38	297.55	205.83	1,731.29
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	325.92	113.30	359.02	3,466.44
1975	Wet	136.99	77.86	53.24	55.34	226.11	435.61	88.07	393.08	314.87	383.52	105.17	371.18	2,641.04
1976	Critical	90.83	76.80	153.42	49.52	50.61	56.56	122.70	127.36	133.05	315.48	160.07	181.11	1,517.51
1977	Critical	96.62	26.68	30.73	30.28	27.27	25.34	67.05	49.40	95.33	32.23	31.86	30.88	543.67
1978	Above Normal	24.74	18.92	18.54	35.55	22.87	181.08	208.85	129.80	163.91	372.13	297.47	270.29	1,744.15
1979	Below Normal	148.23	74.18	188.57	35.70	30.46	29.38	82.51	128.31	239.52	380.29	273.16	123.37	1,733.68
1980	Above Normal	118.07	50.46	50.56	237.95	539.41	176.62	98.44	119.58	125.70	235.70	104.75	182.90	2,040.14
1981	Dry	159.08	84.58	110.31	54.07	76.44	235.65	88.29	122.38	242.65	374.57	220.89	227.05	1,995.96
1982	Wet	61.93	31.48	440.32	278.01	529.40	456.83	575.19	384.90	234.07	230.40	118.30	185.59	3,526.42
1983	Wet	166.67	289.86	372.49	428.14	521.91	575.85	322.40	515.71	511.46	211.56	137.14	226.64	4,279.83
1984	Wet	196.78	489.14	580.66	185.68	274.46	309.52	107.84	127.38	220.40	437.63	248.77	325.69	3,503.95
1985	Dry	118.53	45.02	46.45	52.38	45.03	50.27	100.90	188.07	210.11	365.08	166.39	157.46	1,545.69
1986	Wet	120.41	61.92	39.00	39.44	486.51	577.50	88.15	125.08	152.95	389.71	217.15	306.97	2,604.79
1987	Dry	142.24	71.39	167.14	46.78	41.15	45.19	85.12	143.57	170.59	180.37	71.48	61.22	1,226.24
1988	Critical	34.21	23.42	42.03	26.80	31.36	43.66	59.10	78.77	116.69	223.60	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	246.97	170.43	1,412.75
1990	Critical	53.68	64.59	90.66	18.38	17.02	16.90	109.69	68.02	104.86	298.22	52.24	65.51	959.77
1991	Critical	37.07	16.74	30.58	32.72	20.13	33.34	46.66	60.74	135.74	254.71	55.91	58.13	782.47
1992	Critical	28.14	18.46	21.96	19.73	34.95	15.68	60.24	125.28	151.77	93.64	84.96	88.30	743.11
1993	Above Normal	24.25	17.99	15.71	35.54	18.45	285.23	169.40	347.59	244.45	423.68	337.31	318.13	2,237.73
1994	Critical	133.08	69.74	114.30	32.60	27.51	24.91	109.53	97.39	122.13	314.48	100.53	73.31	1,219.51
1995	Wet	53.95	27.02	42.53	28.86	227.25	575.85	479.59	606.44	467.97	188.51	162.25	182.70	3,042.92
1996	Wet	185.16	153.29	136.81	405.08	538.70	341.08	271.46	428.83	193.59	407.60	197.08	362.81	3,621.49
1997	Wet	133.20	77.91	491.01	575.85	311.49	182.18	120.70	120.68	161.02	390.14	207.12	332.52	3,103.82
1998	Wet	129.22	72.19	61.19	46.66	517.99	478.87	139.98	362.41	500.28	203.25	130.73	221.62	2,864.39
1999	Wet	195.45	280.80	202.74	471.55	501.99	379.33	98.35	121.23	147.23	396.92	165.05	229.91	3,190.55
2000	Above Normal	145.18	76.30	204.58	49.95	276.23	315.72	80.63	132.54	226.73	446.27	317.21	281.01	2,552.35
2001	Dry	115.22	68.94	172.15	44.28	39.99	43.00	81.54	139.64	172.25	205.66	74.37	59.89	1,216.93
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	95.26	65.05	110.20	121.70	158.98	175.30	154.05	200.54	209.60	330.13	208.58	210.21	2,039.60
	Wet	111.66	96.79	165.54	274.52	335.66	354.76	262.88	336.05	274.40	328.61	201.33	326.20	3,068.40
	Above Normal	88.82	53.38	119.37	93.70	158.32	229.79	131.65	197.73	213.12	405.73	290.56	276.01	2,258.17
	Below Normal	99.85	55.96	85.52	44.51	88.07	68.73	95.26	127.50	188.11	393.97	300.23	152.89	1,700.59
	Dry	89.85	50.71	74.86	38.53	42.19	52.15	97.50	129.80	187.34	333.77	181.19	143.16	1,421.04
	Critical	68.91	40.07	62.93	33.39	34.77	41.07	94.09	101.04	124.17	177.87	76.45	60.54	915.28

Difference in Energy generated (GWh) at Oroville Dam: Alternative2_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)	23.27	2.26
1924	Critical	35.52	(1.54)	59.39	(2.69)	(2.42)	(3.58)	(5.22)	(6.51)	(8.20)	(126.56)	(1.02)	0.18	(5.22)
1925	Dry	0.14	0.10	0.10	0.10	0.09	(0.17)	(0.11)	(0.19)	3.86	(0.43)	(2.27)	0.20	0.12
1926	Dry	(5.29)	(4.75)	(2.16)	(12.72)	0.28	0.59	0.41	0.44	2.64	(5.03)	13.61	25.81	1.15
1927	Wet	0.10	0.08	(0.01)	(0.01)	(0.27)	0.00	0.00	0.00	0.00	(0.04)	(0.25)	0.00	(0.03)
1928	Above Normal	(0.07)	(0.05)	0.00	(0.02)	0.00	0.58	(0.06)	(0.11)	0.40	(0.19)	0.47	0.40	0.11
1929	Critical	(0.92)	0.52	(0.07)	(0.49)	0.52	(2.34)	0.13	0.16	0.12	0.08	(0.44)	0.04	(0.22)
1930	Dry	0.04	0.02	0.19	0.04	0.12	0.02	0.06	0.07	0.14	0.29	2.74	0.04	0.31
1931	Critical	0.56	0.59	0.20	(0.01)	(0.02)	(0.02)	(0.09)	(0.02)	(0.12)	(1.36)	(0.05)	0.00	(0.03)
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	(0.03)	41.37	(1.66)	3.31
1933	Critical	(29.22)	(4.67)	(7.29)	9.66	(0.12)	(0.76)	(0.57)	(0.65)	(1.02)	(10.17)	0.08	0.09	(3.72)
1934	Critical	0.07	0.05	0.00	(0.01)	(0.02)	(2.52)	0.06	0.06	0.06	0.01	0.02	0.00	(0.18)
1935	Below Normal	4.58	(0.07)	(0.05)	(0.06)	(0.03)	(0.02)	(0.03)	(0.04)	(0.03)	(0.21)	(0.23)	(0.21)	0.30
1936	Below Normal	0.25	0.19	(0.06)	(0.06)	(3.53)	0.00	0.00	0.00	0.00	0.31	(0.02)	0.84	(0.17)
1937	Below Normal	(0.04)	(0.03)	(0.11)	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)	20.78	(1.83)	(8.22)	(0.45)	0.83
1938	Wet	(0.74)	(0.27)	(0.21)	(0.18)	(15.21)	0.00	0.00	0.00	0.00	8.25	(2.11)	36.46	2.17
1939	Dry	(1.21)	(0.73)	(9.26)	(0.41)	(0.35)	(0.37)	(1.05)	(3.42)	(1.51)	(3.20)	(3.91)	(12.05)	(3.12)
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	(0.01)	0.00	0.00	(0.01)
1942	Wet	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.13)	15.13	1.25
1943	Wet	(0.60)	(0.32)	(0.18)	(16.17)	0.00	0.00	0.00	(0.04)	0.04	(0.47)	(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)	0.26	2.38	0.26
1945	Below Normal	(0.09)	(0.07)	(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)	(17.12)	(0.31)	(0.21)	4.28	(24.04)	0.01	(0.01)	6.14	(0.46)	(0.48)	(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)	(1.15)	(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	0.06	0.01
1949	Dry	0.10	0.10	(0.01)	0.00	(0.01)	0.00	(0.01)	(0.02)	0.00	(0.02)	0.97	(0.14)	0.08
1950	Below Normal	(1.15)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.30)	0.10	0.05	(0.19)
1951	Above Normal	0.02	0.01	1.36	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)	12.55	1.01
1953	Wet	(1.08)	(0.68)	(10.86)	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	0.75	(0.01)	(0.01)	(0.02)	(0.01)	(0.03)	(0.04)	(0.04)	(0.07)	(0.14)	(0.11)	(4.82)	(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	0.06	0.00	0.07	0.01
1959	Below Normal	(0.01)	0.00	0.04	(0.01)	(0.19)	0.00	(0.02)	(0.02)	0.03	0.08	(0.04)	(0.82)	(0.08)
1960	Dry	(0.41)	(1.52)	(0.48)	0.06	0.05	0.04	0.12	0.11	0.17	0.37	1.64	0.31	0.04
1961	Dry	2.11	0.00	0.01	0.00	0.00	0.00	0.00	0.00	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	0.00	0.19
1964	Dry	0.00	(0.54)	0.01	0.01	0.01	0.01	0.02	0.01	0.03	0.06	0.17	0.05	(0.01)
1965	Wet	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.16)	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	(0.01)	(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)	5.84	(7.26)	0.00	0.00	(0.01)	(0.03)	(1.24)	0.06	0.20	0.08	(0.20)
1969	Wet	(7.19)	0.15	0.15	10.00	0.00	0.00	0.00	0.00	0.00	4.21	(2.80)	(3.42)	0.09
1970	Wet	6.26	(0.06)	(4.49)	0.00	0.00	0.00	0.00	0.00	0.09	(0.06)	0.00	(0.61)	0.09
1971	Wet	0.05	0.03	0.02	0.01	0.01	0.69	0.00	0.00	0.00	(0.01)	(0.02)	(0.01)	0.06
1972	Below Normal	(0.07)	(0.01)	0.00	0.01	0.01	0.13	0.00	0.00	0.00	0.00	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	0.04	0.00	0.00	0.00	0.00	0.00	0.00	(0.12)	(0.11)	17.66	1.46
1975	Wet	(0.67)	(0.41)	(0.23)	(0.18)	(17.76)	0.00	0.01	(0.01)	0.00	0.03	0.03	0.02	(1.60)
1976	Critical	0.92	0.02	0.04	(0.01)	(0.02)	(0.01)	(0.03)	(0.03)	(0.04)	(1.12)	(0.12)	(0.03)	(0.04)
1977	Critical	0.19	(0.58)	0.00	0.02	0.01	0.01	0.03	0.02	0.04	0.02	0.02	0.02	(0.02)
1978	Above Normal	0.02	0.01	0.01	0.02	0.01	0.77	0.00	(0.07)	0.07	0.22	0.18	0.21	0.12
1979	Below Normal	(0.20)	(0.13)	0.91	(0.04)	(0.02)	(0.02)	(0.02)	(0.06)	(0.54)	(0.57)	(0.10)	30.68	2.49
1980	Above Normal	35.77	(1.44)	(1.35)	(77.28)	0.00	0.00	(0.21)	(0.23)	(0.33)	(44.75)	0.32	93.36	0.32
1981	Dry	(2.02)	(1.19)	(4.59)	(9.84)	(33.84)	0.00	0.02	0.05	0.13	0.13	0.17	(1.38)	(4.36)
1982	Wet	4.33	0.00	(4.53)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.03	(0.01)
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	0.05	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00
1986	Wet	(0.01)	(0.04)	0.04	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01	40.34	(36.33)	0.33
1987	Dry	(0.28)	(0.15)	(0.02)	(0.11)	(0.10)	(0.09)	(0.15)	(0.32)	(0.47)	(4.85)	(0.03)	(0.05)	(0.55)
1988	Critical	(0.04)	(0.03)	(0.01)	0.00	0.01	0.01	0.01	(0.01)	0.00	0.25	(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	(3.00)	0.22	(0.23)
1990	Critical	0.68	0.08	1.14	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	0.03	0.06	0.01	0.03	0.03	0.03	0.07	1.26	(1.04)	0.04	0.05
1992	Critical	0.02	0.01	0.02	0.02	0.03	0.01	0.03	0.07	0.10	0.09	(0.01)	0.08	0.04
1993	Above Normal	0.03	0.02	0.01	0.02	0.01	1.52	0.00	0.00	0.00	(0.03)	(0.02)	0.00	0.13
1994	Critical	0.00	0.00	0.04	0.00	0.01	0.00	0.00	0.00	0.01	(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	0.10	0.01
1996	Wet	(0.11)	(0.11)	(0.10)	0.22	0.00	0.00	0.00	0.00	0.00	(0.04)	(0.07)	(0.02)	(0.02)
1997	Wet	(0.13)	(0.09)	0.41	0.00	0.00	0.00	0.00	0.00	(5.09)	1.91	0.17	1.17	(0.14)
1998	Wet	0.11	0.06	0.05	0.02	0.11	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	0.00	0.01	0.00	0.01	(0.01)	0.01	0.03	(4.46)	(0.37)
2000	Above Normal	0.17	0.10	0.22	0.05	4.60	0.00	(0.01)	0.00	0.02	(0.03)	0.03	0.04	0.43
2001	Dry	(0.03)	(0.02)	(5.87)	0.14	0.11	0.12	0.21	0.37	0.50	6.07	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	0.00	(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	0.39	(0.42)	0.21	(1.31)	(0.72)	(0.37)	(0.08)	(0.13)	0.20	(2.18)	0.88	2.74	(0.06)
	Wet	0.05	(0.06)	(0.76)	(0.23)	(1.28)	0.03	0.00	(0.00)	(0.19)	0.60	1.33	1.56	0.09
	Above Normal	2.22	(0.13)	(0.10)	(6.43)	0.36	0.15	(0.02)	(0.03)	0.02	(3.65)	0.17	7.85	0.03
	Below Normal	0.16	(1.19)	0.44	(0.55)	0.39	(1.72)	(0.02)	(0.02)	1.79	(0.42)	(0.72)	5.78	0.33
	Dry	(0.35)	(0.49)	(1.21)	(1.26)	(1.87)	0.01	(0.03)	(0.17)	0.29	(0.40)	2.69	0.50	(0.19)
	Critical	0.65	(0.46)	4.46	0.55	(0.17)	(0.76)	(0.46)	(0.57)	(0.74)	(11.44)	(0.21)	0.04	(0.76)

Percent Difference in Energy generated (GWh) at Oroville Dam: Alternative2_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%	0%	0%	0%	0%	-1%	0%	0%	2%	0%	-1%	0%
1926	Dry	-8%	-15%	-5%	-41%	2%	1%	1%	0%	1%	-1%	7%	30%
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%	2%	0%	-1%	1%	-5%	0%	0%	0%	0%	-1%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1931	Critical	1%	2%	1%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	21%	-3%
1933	Critical	-44%	-13%	-24%	35%	-1%	-1%	-1%	-1%	-1%	-8%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	-12%	0%	0%	0%	0%	0%	0%
1935	Below Normal	15%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	1%
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%	11%
1939	Dry	-1%	-1%	-10%	-1%	-1%	-1%	-1%	-2%	-1%	-1%	-2%	-6%
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	0%	-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	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	-8%	0%	0%	3%	0%	0%	0%	0%	0%	3%	-2%	-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%	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%	33%
1980	Above Normal	43%	-3%	-3%	-25%	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%	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%	-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%	1%	-1%	0%	-1%	0%	0%	0%	-1%	0%	3%
	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%	6%
	Dry	0%	-1%	-1%	-3%	-2%	0%	0%	0%	0%	0%	1%	1%
	Critical	0%	-1%	6%	2%	0%	-2%	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: Alternative2_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	2.10	19.68	21.18	18.75	28.52	0.00	0.00	0.00	90.23
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	21.51	23.11	21.74	0.00	6.72	0.00	73.08
1926	Dry	0.00	0.00	0.00	0.00	0.00	19.32	14.88	26.44	25.10	0.00	5.49	0.00	91.23
1927	Wet	4.20	0.00	0.00	0.00	0.00	0.00	47.29	45.38	30.47	0.00	0.00	0.00	127.34
1928	Above Normal	0.47	8.42	0.00	3.94	22.39	0.00	42.64	42.49	28.33	0.00	0.00	0.00	148.68
1929	Critical	0.00	11.21	0.00	0.00	0.00	0.00	0.31	9.90	22.99	25.86	15.54	0.00	85.81
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	17.37	26.59	29.49	0.00	9.41	0.00	82.86
1931	Critical	0.00	0.00	0.00	0.00	0.00	5.34	26.67	31.19	35.38	0.00	24.32	4.49	127.39
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	37.91	39.24	53.45	0.00	0.00	5.83	136.43
1933	Critical	0.88	5.19	0.00	0.00	0.00	0.00	27.66	38.99	58.48	37.47	33.37	15.15	217.19
1934	Critical	2.87	0.00	0.00	0.00	0.00	0.00	28.64	26.89	40.91	38.62	7.30	0.00	145.23
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	37.53	46.17	22.59	0.00	0.00	0.00	106.29
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	47.67	63.81	44.71	0.00	0.00	0.00	156.19
1937	Below Normal	0.00	6.09	0.00	0.00	0.00	0.00	51.08	55.56	14.48	0.00	15.17	15.25	157.63
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	18.70	28.55	0.00	0.00	0.00	0.00	47.25
1939	Dry	1.66	39.79	0.00	16.17	29.31	45.77	41.13	35.67	34.76	0.00	0.03	0.00	244.29
1940	Above Normal	9.91	4.12	0.00	0.00	0.00	0.00	29.61	37.65	24.95	0.00	0.00	0.00	106.24
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	3.23	22.41	0.00	0.00	0.00	0.00	53.23	52.16	35.27	0.00	0.00	0.00	166.30
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	4.77	0.00	183.30
1948	Below Normal	0.00	0.00	0.46	2.12	16.62	0.00	11.39	23.71	0.00	0.00	0.00	0.00	54.30
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	10.66	6.55	1.84	0.00	0.00	0.00	27.35	34.53	1.57	0.00	0.00	0.00	82.50
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	25.16	26.06	0.00	0.00	0.00	0.00	65.02
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	35.83	56.36	19.61	0.00	0.00	0.00	111.80
1959	Below Normal	1.40	32.46	0.00	29.89	18.83	8.23	25.14	24.81	15.26	0.00	0.00	0.00	156.02
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	9.96	0.00	0.00	0.00	0.00	0.00	33.49	36.93	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	4.29	53.31	52.71	46.53	0.00	18.11	0.00	175.07
1965	Wet	3.10	0.00	0.00	0.00	0.04	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	0.97	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	37.53	38.57	0.00	0.00	0.00	0.00	76.10
1968	Below Normal	0.00	35.50	0.00	16.77	37.09	16.08	40.26	35.55	36.69	0.00	0.00	0.00	217.94
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	10.80	0.00	0.00	0.00	0.00	0.00	10.80
1970	Wet	0.00	39.75	0.00	0.00	0.00	0.00	50.46	58.05	46.15	0.00	0.00	6.56	200.97
1971	Wet	4.12	0.00	0.00	13.80	16.14	0.00	29.33	30.55	24.44	0.00	0.00	0.00	118.38
1972	Below Normal	0.00	19.54	0.00	0.00	4.02	7.73	31.41	39.91	39.48	0.00	0.00	0.00	142.09
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	47.47	42.80	20.60	0.00	0.00	0.00	168.05
1976	Critical	0.00	24.04	0.00	12.18	26.69	0.00	28.57	38.57	30.22	0.00	2.88	0.00	163.15
1977	Critical	0.00	8.67	8.46	0.00	3.15	7.82	6.65	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	21.51	17.45	6.76	0.00	0.00	0.00	45.72
1979	Below Normal	0.00	9.73	0.00	0.00	0.00	0.00	53.57	50.48	43.79	0.00	0.00	0.00	157.57
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	32.80	45.64	16.99	0.00	14.96	9.02	119.41
1981	Dry	0.00	21.78	0.00	12.65	16.42	15.21	26.16	28.94	17.76	0.00	0.75	0.00	139.67
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	47.08	58.14	26.34	0.00	10.38	0.00	162.99
1987	Dry	0.62	27.14	0.00	13.12	14.25	1.18	22.62	11.16	23.55	0.00	15.46	0.00	129.10
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	2.33	0.00	0.00	0.00	3.34	18.75	13.07	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	9.42	0.00	0.00	14.26	3.60	41.36
1992	Critical	0.08	0.12	0.00	0.00	0.00	0.00	9.76	11.08	6.38	1.20	0.00	0.00	28.62
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	34.53	38.08	5.39	0.00	0.00	0.00	78.00
1994	Critical	0.00	23.84	0.00	0.00	0.00	0.00	26.79	28.27	39.29	0.00	2.34	0.00	120.53
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	41.20	28.18	7.49	0.00	0.00	0.00	76.87
1996	Wet	15.99	20.42	0.00	0.00	0.00	0.00	43.84	41.34	25.17	0.00	0.00	0.00	146.76
1997	Wet	17.63	23.43	0.00	0.00	0.00	0.00	54.39	58.85	37.87	0.00	0.00	0.00	192.17
1998	Wet	6.13	23.10	0.00	14.80	0.00	0.00	37.30	40.41	0.00	0.00	0.00	0.00	121.74
1999	Wet	0.00	0.00	0.00	4.56	0.00	0.00	47.86	56.08	33.78	0.00	0.00	9.72	152.00
2000	Above Normal	11.94	28.63	0.00	20.85	0.00	0.00	40.19	44.83	34.48	0.00	0.00	0.00	180.92
2001	Dry	3.32	19.09	0.00	0.00	0.00	0.00	19.42	28.67	23.18	0.00	27.11	0.00	120.79
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	2.34	7.85	0.13	3.57	4.30	3.17	33.70	36.93	25.17	1.26	4.16	0.91	123.48
	Wet	2.61	8.65	0.00	3.80	2.90	0.64	38.59	42.52	21.99	0.00	0.40	0.63	122.72
	Above Normal	4.65	7.76	0.00	4.28	5.29	1.43	35.35	39.55	18.50	0.00	1.25	0.75	118.79
	Below Normal	1.55	8.26	0.16	4.48	6.99	4.88	37.71	41.40	24.95	0.00	1.08	1.09	132.56
	Dry	1.94	7.39	0.00	3.67	4.44	6.75	33.36	35.30	33.83	0.00	9.13	0.43	136.24
	Critical	0.95	6.42	0.71	1.17	3.01	3.02	17.27	19.43	25.98	8.60	11.37	2.17	100.08

Difference in Energy generated (GWh) at SWP San Luis: Alternative2_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	2.10	1.37	(1.16)	(2.23)	(0.89)	0.00	(24.72)	(10.35)	(2.99)
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(8.90)	(24.15)	(16.92)	0.00	(13.31)	0.00	(5.27)
1926	Dry	0.00	0.00	0.00	0.00	0.00	(1.43)	(1.69)	(7.86)	3.57	0.00	(4.89)	0.00	(1.03)
1927	Wet	(2.51)	0.00	0.00	0.00	0.00	0.00	(5.96)	(10.50)	(2.59)	0.00	0.00	0.00	(1.80)
1928	Above Normal	(0.67)	(0.58)	0.00	(0.52)	(3.44)	0.00	(7.79)	(8.44)	1.64	0.00	0.00	0.00	(1.65)
1929	Critical	0.00	(4.80)	0.00	(1.29)	(2.64)	0.00	(1.37)	(2.49)	(3.45)	(2.54)	(4.81)	(6.87)	(2.52)
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.17)	(0.48)	(1.25)	0.00	2.65	0.00	0.06
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.53	(0.58)	(0.91)	(1.86)	0.00	(1.71)	(5.90)	(0.87)
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.50)	(0.70)	(1.67)	0.00	0.00	0.27	(0.22)
1933	Critical	0.88	5.19	0.00	0.00	0.00	0.00	1.30	1.87	2.38	6.11	2.19	1.15	1.76
1934	Critical	0.18	0.00	0.00	0.00	0.00	0.00	(1.68)	(2.11)	(3.04)	9.94	(3.22)	0.00	0.01
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.44	1.02	0.00	0.00	0.00	0.15
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.75)	(1.71)	0.00	0.00	0.00	(0.21)
1937	Below Normal	0.00	(0.22)	0.00	0.00	0.00	0.00	2.72	4.46	(8.45)	0.00	1.26	(2.26)	(0.21)
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	2.91	28.55	0.00	0.00	0.00	0.00	2.62
1939	Dry	(2.64)	(2.19)	0.00	(1.08)	(1.60)	(3.64)	(5.44)	(1.86)	(0.76)	0.00	(0.45)	0.00	(1.64)
1940	Above Normal	2.29	(2.63)	0.00	0.00	0.00	0.00	0.53	0.44	(0.45)	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	(0.37)	(0.63)	(1.08)	(1.12)	0.00	0.00	0.00	(0.32)
1943	Wet	0.05	0.24	0.00	0.00	0.00	0.00	(0.20)	(2.79)	(1.84)	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	(0.13)	0.00	0.02
1948	Below Normal	0.00	0.00	(0.12)	(0.54)	(0.48)	0.00	0.04	0.46	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	0.24	(0.07)	(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	(0.01)	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	2.79	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)	0.15	(1.57)	(2.90)	(4.78)	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	(0.44)	0.00	0.00	0.00	0.00	0.00	0.15	0.20	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	0.11	(0.01)	0.01	0.05	0.00	(0.03)	0.00	0.01
1965	Wet	(0.12)	0.00	0.00	0.00	0.04	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	2.33	3.41	0.00	0.00	0.00	0.00	0.47
1968	Below Normal	0.00	(2.76)	0.00	(0.35)	(0.65)	(1.89)	0.42	(1.38)	(0.99)	0.00	0.00	0.00	(0.63)
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	4.32	0.00	0.00	0.00	0.00	0.00	0.36
1970	Wet	0.00	(0.16)	0.00	0.00	0.00	0.00	(1.32)	0.32	0.35	0.00	0.00	0.38	(0.04)
1971	Wet	0.11	0.00	0.00	(0.04)	(0.05)	0.00	(0.16)	(0.27)	(0.51)	0.00	0.00	0.00	(0.08)
1972	Below Normal	0.00	0.00	0.00	0.00	0.04	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	(0.08)	(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	1.06	1.45	0.85	0.00	0.00	0.00	0.14
1976	Critical	0.00	0.39	0.00	0.45	0.32	0.00	(0.29)	(0.36)	(0.33)	0.00	0.01	0.00	0.02
1977	Critical	0.00	(0.17)	(0.18)	0.00	0.00	0.03	0.59	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	2.63	3.00	6.76	0.00	0.00	0.00	1.03
1979	Below Normal	0.00	(4.02)	0.00	0.00	0.00	0.00	7.64	(0.60)	(3.37)	0.00	0.00	(2.57)	(0.24)
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(2.44)	(2.42)	(1.22)	0.00	11.04	(20.21)	(1.27)
1981	Dry	0.00	(6.16)	0.00	1.09	0.41	11.04	1.12	1.56	4.48	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	5.07	3.66	0.84	0.00	(16.62)	0.00	(0.59)
1987	Dry	0.62	(1.10)	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	0.20	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)	(0.31)	0.00	0.00	0.19	(0.01)	(0.01)
1992	Critical	(0.01)	(0.09)	0.00	0.00	0.00	0.00	(0.02)	(0.04)	(0.07)	(0.12)	0.00	0.00	(0.03)
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.22)	(0.13)	(0.29)	0.00	0.00	0.00	(0.05)
1994	Critical	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.02)	0.04	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	28.18	7.49	0.00	0.00	0.00	3.13
1996	Wet	(1.65)	(0.57)	0.00	(15.52)	0.00	0.00	(4.37)	(5.51)	4.81	0.00	0.00	0.00	(1.90)
1997	Wet	(0.75)	(0.44)	0.00	0.00	0.00	0.00	0.20	0.93	1.00	0.00	0.00	0.00	0.08
1998	Wet	0.04	(0.13)	0.00	(0.06)	0.00	0.00	1.68	(1.28)	0.00	0.00	0.00	0.00	0.02
1999	Wet	0.00	0.00	0.00	(1.98)	0.00	0.00	(2.52)	0.59	0.66	0.00	0.00	1.23	(0.17)
2000	Above Normal	0.06	(0.02)	0.00	0.07	0.00	0.00	(0.55)	(0.48)	(0.16)	0.00	0.00	0.00	(0.09)
2001	Dry	(0.27)	(0.54)	0.00	0.00	0.00	0.00	0.22	0.24	0.15	0.00	0.34	0.00	0.01
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	(0.11)	(0.31)	(0.00)	(0.13)	(0.14)	0.09	(0.13)	(0.10)	(0.60)	0.16	(0.66)	(0.55)	(0.21)
	Wet	(0.27)	(0.17)	0.00	(0.38)	(0.07)	(0.21)	0.04	2.11	0.61	0.00	(0.64)	0.06	0.09
	Above Normal	0.14	(0.05)	0.00	0.16	(0.10)	0.00	(0.36)	(0.36)	0.51	0.00	0.92	(1.68)	(0.07)
	Below Normal	0.02	(0.59)	(0.01)	(0.12)	(0.45)	0.32	0.96	(1.26)	(3.57)	0.00	0.09	(0.35)	(0.41)
	Dry	(0.24)	(0.73)	0.00	0.00	(0.08)	0.33	(0.96)	(1.94)	(0.76)	0.00	(0.97)	0.01	(0.45)
	Critical	0.05	0.06	(0.02)	(0.07)	(0.03)	0.16	(0.27)	(0.55)	(0.60)	1.12	(2.67)	(1.83)	(0.39)

Percent Difference in Energy generated (GWh) at SWP San Luis: Alternative2_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%	-	7%	-5%	-11%	-3%	0%	-100%	-100%
1925	Dry	0%	0%	0%	0%	0%	0%	-29%	-51%	-44%	0%	-66%	0%
1926	Dry	0%	0%	0%	0%	0%	-7%	-10%	-23%	17%	0%	-47%	0%
1927	Wet	-37%	0%	0%	0%	0%	0%	-11%	-19%	-8%	0%	0%	0%
1928	Above Normal	-59%	-6%	0%	-12%	-13%	0%	-15%	-17%	6%	0%	0%	0%
1929	Critical	0%	-30%	0%	-100%	-100%	0%	-82%	-20%	-13%	-9%	-24%	-100%
1930	Dry	0%	0%	0%	0%	0%	0%	-1%	-2%	-4%	0%	39%	0%
1931	Critical	0%	0%	0%	0%	0%	11%	-2%	-3%	-5%	0%	-7%	-57%
1932	Dry	0%	0%	0%	0%	0%	0%	-1%	-2%	-3%	0%	0%	5%
1933	Critical	-	-	0%	0%	0%	0%	5%	5%	4%	19%	7%	8%
1934	Critical	7%	0%	0%	0%	0%	0%	-6%	-7%	-7%	35%	-31%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	1%	1%	5%	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%	18%	-	0%	0%	0%	0%
1939	Dry	-61%	-5%	0%	-6%	-5%	-7%	-12%	-5%	-2%	0%	-94%	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%	-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	-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	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	8%	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%	-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%	-7%	0%	-2%	-2%	-11%	1%	-4%	-3%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	67%	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%	4%	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%	10%	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%	282%	-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%	-9%	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%	-3%	0%	-100%	0%	0%	-9%	-12%	24%	0%	0%	0%
1997	Wet	-4%	-2%	0%	0%	0%	0%	0%	2%	3%	0%	0%	0%
1998	Wet	1%	-1%	0%	0%	0%	0%	5%	-3%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	-30%	0%	0%	-5%	1%	2%	0%	0%	14%
2000	Above Normal	1%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	0%
2001	Dry	-8%	-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	-4%	-3%	0%	4%	-2%	3%	0%	-2%	-2%	0%	0%	-5%
	Wet	-8%	-1%	0%	19%	0%	-2%	3%	0%	2%	0%	-2%	1%
	Above Normal	-2%	-2%	0%	1%	1%	0%	0%	1%	-1%	0%	23%	-6%
	Below Normal	0%	-2%	-2%	-3%	-4%	2%	2%	-3%	-12%	0%	1%	-8%
	Dry	-5%	-3%	0%	0%	0%	14%	-3%	-5%	0%	0%	-5%	0%
	Critical	-1%	-14%	0%	-8%	-9%	2%	-7%	-3%	-2%	3%	-13%	-21%

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.: Alternative2_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	565.46	615.53	481.80	591.01	5,410.87
1923	Below Normal	343.88	270.79	290.18	299.56	350.49	398.96	377.05	246.29	147.94	684.10	617.89	408.15	4,435.28
1924	Critical	355.86	283.27	301.60	177.23	164.70	193.64	239.68	281.67	278.19	144.69	84.11	43.81	2,548.45
1925	Dry	129.88	196.06	213.73	83.62	72.05	99.58	254.11	309.21	422.81	583.53	406.92	372.48	3,143.98
1926	Dry	203.86	156.83	143.59	77.17	79.01	166.11	204.02	428.01	493.00	613.76	452.52	319.65	3,337.53
1927	Wet	182.17	179.32	233.07	71.06	161.17	470.37	509.79	503.49	427.12	693.31	614.61	622.88	4,668.36
1928	Above Normal	343.19	276.06	262.73	264.79	360.16	436.54	347.53	396.82	505.99	718.63	607.01	531.86	5,051.31
1929	Critical	327.56	231.39	196.99	190.11	168.00	136.49	215.75	281.78	265.30	224.34	182.21	58.24	2,478.16
1930	Dry	95.35	66.74	167.90	51.71	166.05	90.68	239.37	305.22	444.22	583.20	380.88	337.93	2,929.25
1931	Critical	159.67	117.46	86.23	65.50	71.26	90.98	298.36	283.85	306.10	358.79	239.60	86.10	2,163.90
1932	Dry	79.89	98.75	180.85	60.89	91.05	172.56	287.11	289.96	340.44	542.04	458.30	237.26	2,839.10
1933	Critical	166.81	151.58	103.41	92.88	73.29	224.03	260.68	327.52	368.11	344.66	265.50	196.00	2,574.47
1934	Critical	116.14	84.00	144.82	79.60	143.13	85.27	273.93	315.47	331.02	270.08	99.84	42.63	1,985.93
1935	Below Normal	123.82	171.51	131.15	75.03	74.38	100.12	293.12	395.18	349.61	704.27	624.30	461.02	3,503.51
1936	Below Normal	274.86	241.08	184.37	112.53	264.74	452.78	341.32	410.86	430.28	663.68	604.83	344.73	4,326.06
1937	Below Normal	382.34	293.28	352.21	257.53	279.58	347.97	331.21	389.64	599.31	613.42	496.82	312.62	4,655.93
1938	Wet	331.55	231.13	202.77	288.11	684.98	981.47	739.87	913.04	626.05	452.51	464.24	612.54	6,528.26
1939	Dry	341.20	300.92	250.33	302.12	310.74	410.41	439.24	439.68	348.70	673.95	465.84	489.16	4,772.29
1940	Above Normal	254.11	142.48	267.32	92.62	74.95	766.03	426.41	379.08	423.04	744.54	637.80	562.75	4,771.13
1941	Wet	311.61	254.24	169.41	132.62	634.13	723.04	367.29	640.80	437.41	556.41	365.91	629.70	5,222.57
1942	Wet	332.17	275.62	415.95	776.13	820.05	412.94	729.21	547.72	572.87	552.67	427.49	643.90	6,506.72
1943	Wet	356.99	279.65	203.67	836.49	494.86	893.58	484.36	396.26	440.98	714.45	614.21	640.42	6,355.92
1944	Dry	373.43	305.98	347.64	243.99	219.65	179.59	291.05	320.85	428.27	566.12	408.81	231.52	3,916.90
1945	Below Normal	167.27	150.95	140.68	106.81	104.79	328.68	349.23	383.65	411.93	642.67	568.63	370.75	3,726.04
1946	Below Normal	338.94	238.67	270.41	277.89	257.43	328.32	374.21	419.62	454.96	678.15	603.21	388.75	4,630.56
1947	Dry	354.41	262.76	207.34	282.40	254.15	217.40	353.52	439.12	468.64	644.16	498.67	437.90	4,420.47
1948	Below Normal	241.64	213.29	178.95	168.77	165.21	110.26	185.58	277.11	139.55	702.44	610.77	319.26	3,312.83
1949	Dry	267.65	220.57	176.62	111.72	111.85	142.76	372.09	389.77	483.85	631.26	470.57	435.46	3,814.17
1950	Below Normal	232.14	201.26	172.30	96.80	80.62	96.57	300.57	356.00	147.49	700.06	615.00	399.49	3,398.30
1951	Above Normal	251.72	220.04	623.62	725.90	642.25	484.40	348.93	406.64	469.97	710.26	607.73	525.86	6,017.32
1952	Wet	340.95	265.54	212.68	305.56	671.97	469.71	857.15	885.14	613.31	362.71	309.83	555.33	5,849.88
1953	Wet	334.74	267.29	462.67	933.43	294.84	547.46	483.01	445.74	552.45	688.77	460.84	598.90	6,070.14
1954	Above Normal	335.99	265.37	340.22	287.45	227.06	438.81	506.16	386.04	538.81	713.14	607.69	547.88	5,194.62
1955	Dry	306.51	209.03	168.14	107.43	114.52	154.41	310.73	344.65	391.27	563.62	381.74	305.42	3,357.47
1956	Wet	177.28	169.86	162.37	859.77	678.40	563.84	466.18	804.96	536.20	631.34	490.13	636.15	6,176.48
1957	Above Normal	379.37	317.09	426.43	309.68	375.91	372.44	289.62	275.69	163.64	740.87	606.95	532.90	4,790.59
1958	Wet	232.11	240.78	174.22	105.03	719.55	735.11	565.82	785.24	612.51	472.78	402.44	642.67	5,688.26
1959	Below Normal	395.63	327.69	421.36	319.21	508.84	366.55	359.64	362.28	324.43	715.81	594.27	399.30	5,095.01
1960	Dry	279.56	239.18	172.86	86.02	79.69	105.02	379.62	394.25	429.11	668.42	472.19	490.01	3,795.93
1961	Dry	250.90	234.07	185.64	97.14	98.09	105.85	304.66	354.99	412.54	594.74	347.03	165.96	3,151.61
1962	Below Normal	63.66	217.27	237.29	57.87	57.56	119.63	295.88	434.95	211.63	692.97	589.49	436.67	3,414.87
1963	Wet	222.27	207.80	165.36	180.11	711.92	508.31	777.58	462.31	438.65	710.12	576.41	612.95	5,573.79
1964	Dry	331.98	242.84	273.92	232.48	192.47	213.88	400.29	375.93	399.09	602.45	430.39	455.35	4,151.07
1965	Wet	261.93	225.65	255.33	875.75	392.94	399.48	594.48	465.27	402.71	683.39	507.41	619.82	5,684.16
1966	Below Normal	354.03	250.67	196.88	284.72	295.30	260.79	337.42	399.57	466.70	689.29	578.45	461.01	4,574.83
1967	Wet	240.78	218.49	167.39	116.94	191.02	631.48	356.85	719.79	639.31	385.16	369.63	659.78	4,696.62
1968	Below Normal	380.67	305.98	332.23	341.95	699.89	559.40	406.39	370.60	488.75	695.27	553.64	435.08	5,569.85
1969	Wet	269.29	205.04	171.41	504.24	693.15	563.84	537.74	812.01	434.14	373.01	384.54	575.44	5,523.85
1970	Wet	363.21	286.52	671.65	889.12	613.04	469.04	368.58	395.60	447.81	674.50	577.00	505.69	6,261.76
1971	Wet	343.29	271.55	233.21	337.84	321.59	474.88	443.97	661.86	543.27	691.72	547.43	620.92	5,491.53
1972	Below Normal	299.20	249.96	166.50	108.25	166.82	255.84	348.60	376.44	453.97	658.56	560.70	437.09	4,081.93
1973	Above Normal	219.54	200.78	167.49	124.96	485.17	463.39	344.70	467.26	515.75	654.67	503.31	462.47	4,609.49
1974	Wet	344.74	245.09	474.19	915.29	449.37	943.42	667.35	597.92	521.44	577.06	347.36	616.95	6,700.18
1975	Wet	355.19	297.91	217.07	310.49	501.22	756.48	361.29	690.29	589.35	647.90	343.67	636.80	5,707.66
1976	Critical	307.46	298.68	337.85	276.77	281.19	202.87	338.21	379.14	247.15	595.21	362.61	451.44	4,078.58
1977	Critical	303.69	212.38	173.35	80.73	84.09	95.11	136.43	66.28	113.41	46.11	45.38	42.88	1,399.84
1978	Above Normal	31.49	26.62	128.69	70.71	80.51	362.38	452.51	350.59	386.48	622.08	549.87	509.52	3,571.45
1979	Below Normal	348.78	261.27	357.35	215.02	196.46	253.61	352.84	387.05	517.83	637.53	531.17	345.52	4,404.43
1980	Above Normal	332.37	236.55	211.73	470.77	866.96	511.27	301.04	352.59	340.26	450.11	330.66	402.50	4,806.81
1981	Dry	353.65	278.49	262.81	309.31	324.04	500.21	301.76	367.91	349.62	681.63	482.37	506.04	4,717.84
1982	Wet	267.71	216.27	642.55	428.91	732.86	835.39	874.28	679.03	508.60	471.42	361.04	427.25	6,445.31
1983	Wet	395.37	541.55	730.01	710.61	861.83	978.49	509.46	723.16	735.97	387.17	305.09	417.37	7,296.08
1984	Wet	384.10	710.57	970.97	434.72	586.30	667.21	344.81	401.15	504.33	709.72	510.86	588.62	6,813.36
1985	Dry	341.03	238.70	272.16	280.95	275.85	305.40	352.52	448.71	470.34	617.68	418.58	385.03	4,406.95
1986	Wet	329.08	246.65	197.85	264.97	743.34	905.59	354.18	399.55	410.44	657.09	487.11	570.90	5,566.75
1987	Dry	366.36	297.61	355.66	298.82	280.09	189.33	237.97	315.28	363.48	355.57	224.93	183.60	3,468.70
1988	Critical	103.61	73.91	83.72	64.72	88.25	105.94	158.76	198.57	252.91	363.55	171.27	140.19	1,805.40
1989	Dry	70.42	66.65	43.66	38.96	70.25	77.21	321.57	453.04	433.97	664.66	508.45	440.52	3,189.36
1990	Critical	252.20	252.18	238.16	68.99	73.64	90.76	248.53	220.10	272.49	472.51	192.05	173.85	2,555.46
1991	Critical	94.53	57.94	65.29	66.55	63.03	91.19	148.60	173.10	210.31	419.44	181.10	160.89	1,731.97
1992	Critical	74.33	49.96	53.34	46.66	76.80	72.34	164.15	249.88	276.32	109.09	97.47	168.99	1,439.33
1993	Above Normal	134.35	24.55	160.21	72.01	128.41	492.47	419.05	629.35	413.37	702.86	617.32	579.76	4,373.71
1994	Critical	344.32	281.28	276.36	187.68	167.85	150.16	308.35	319.75	320.83	561.03	159.85	274.54	3,352.00
1995	Wet	94.56	174.07	298.99	65.77	354.40	806.32	813.39	943.53	761.42	432.22	418.31	427.32	5,590.30
1996	Wet	436.31	390.85	327.35	608.20	786.51	591.95	564.90	730.05	448.47	668.70	443.45	623.04	6,619.78
1997	Wet	369.58	295.49	718.42	904.70	595.51	516.32	372.78	379.84	415.31	641.44	448.98	583.56	6,241.93
1998	Wet	343.16	279.60	218.81	303.86	825.64	825.55	387.32	638.49	744.79	406.14	349.19	442.07	5,764.62
1999	Wet	427.39	512.80	421.52	782.72	810.17	711.51	346.87	390.41	408.52	660.85	411.26	482.65	6,366.67
2000	Above Normal	378.13	301.19	395.07	298.51	525.09	542.42	324.60	407.53	507.27	739.55	600.90	541.24	5,561.50
2001	Dry	316.85	264.36	327.78	130.15	116.01	127.32	237.66	337.79	372.75	393.80	246.15	187.75	3,058.37
2002	Dry	145.42	80.61	83.01	54.79	91.77	129.77	379.67	356.29	391.69	574.71	350.33	401.74	3,039.80
2003	Above Normal	283.78	186.75	271.93	90.03	116.13	161.02	267.29	484.04	196.87	742.25	593.14	570.23	3,963.46
	Average	275.93	235.31	268.61	278.71	333.06	386.23	382.86	444.71	422.33	573.17	438.02	427.97	4,466.91
	Wet	309.52	288.05	350.73	497.79	589.64	668.57	533.79	615.87	529.75	573.18	443.79	576.68	5,977.34
	Above Normal	284.80	213.17	298.41	245.21	339.64	448.53	367.07	456.39	418.91	679.54	562.02	529.83	4,843.52
	Below Normal	281.92	242.41	245.13	194.42	250.15	284.25	332.36	372.09	367.46	677.02	582.08	394.25	4,223.53
	Dry	256.02	208.90	212.98	158.32	163.74	188.19	314.83	370.59	413.54	586.41	411.37	354.60	3,639.49
	Critical	217.18	174.50	171.76	116.45	121.27	128.23	232.62	258.09	270.18	325.79	173.42	153.30	2,342.79

Difference in Energy generated (GWh) at Syst. Tot.: Alternative2_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	13.14	14.24	16.19	14.55	7.74
1923	Below Normal	14.59	14.91	10.01	(12.17)	(13.06)	48.28	70.47	(125.25)	(214.57)	57.80	57.91	84.28	(0.57)
1924	Critical	101.46	54.52	123.16	44.56	33.22	9.72	4.11	4.86	(19.61)	(262.32)	(124.48)	(97.22)	(10.67)
1925	Dry	62.65	140.09	162.18	20.32	9.12	(60.24)	(14.04)	(58.18)	(42.96)	(33.20)	(49.59)	(29.75)	8.87
1926	Dry	(32.95)	(30.31)	(19.79)	(4.69)	0.44	1.72	3.42	3.57	18.97	6.76	23.81	42.86	1.15
1927	Wet	8.01	9.91	8.09	5.02	(6.02)	(0.74)	(9.48)	(14.49)	3.15	5.72	5.17	5.72	1.67
1928	Above Normal	4.96	5.40	3.83	10.66	(6.39)	(5.72)	(15.01)	2.36	(17.83)	29.49	26.16	20.89	4.90
1929	Critical	3.45	0.81	(4.27)	(52.94)	(53.14)	(20.84)	2.65	(6.76)	(7.93)	(6.94)	(9.29)	(69.19)	(18.70)
1930	Dry	23.37	13.78	8.93	8.10	0.38	1.52	0.26	(0.28)	(1.13)	0.66	6.76	0.89	5.27
1931	Critical	2.11	2.32	1.48	1.38	0.14	0.89	(1.13)	(1.51)	(2.61)	(2.21)	(2.33)	(70.24)	(5.98)
1932	Dry	1.43	35.89	20.70	7.15	0.02	1.17	(0.69)	(0.81)	8.16	9.66	58.88	8.14	12.48
1933	Critical	(21.31)	5.84	(3.95)	19.77	0.02	2.16	4.70	4.17	5.69	0.86	12.93	11.36	3.52
1934	Critical	10.06	2.48	26.84	4.36	1.10	(4.47)	(6.39)	(8.24)	(9.48)	3.60	(3.93)	0.00	1.33
1935	Below Normal	9.73	(12.54)	(9.54)	(0.34)	(0.24)	(0.06)	1.76	2.12	20.04	9.28	9.40	9.38	3.25
1936	Below Normal	10.42	10.38	7.22	9.67	(4.30)	(6.68)	0.08	(0.66)	8.28	10.34	9.99	10.96	5.48
1937	Below Normal	9.95	9.76	7.21	(0.06)	(0.73)	16.20	(0.77)	1.11	21.97	4.66	(1.65)	3.93	5.96
1938	Wet	5.82	6.57	(3.09)	0.03	(35.48)	9.16	5.06	17.27	(11.35)	15.91	(3.85)	50.02	4.67
1939	Dry	4.03	5.14	(2.35)	0.20	(2.55)	(10.07)	(28.32)	(1.42)	34.74	6.18	2.50	(3.78)	0.36
1940	Above Normal	2.88	(25.87)	25.32	3.41	(5.62)	(2.01)	0.45	0.35	9.00	9.72	9.42	9.42	3.04
1941	Wet	10.03	9.84	(0.02)	0.05	(0.24)	(8.79)	(0.13)	1.31	10.14	9.88	9.70	9.90	4.31
1942	Wet	9.47	9.75	0.02	(12.64)	(0.11)	(1.34)	(0.15)	(1.46)	8.38	9.41	9.21	26.74	4.77
1943	Wet	8.94	9.44	7.18	(20.18)	(4.67)	3.41	5.20	(2.54)	8.38	9.62	9.79	9.92	3.71
1944	Dry	8.41	6.88	8.27	(7.73)	(15.88)	(5.07)	(0.60)	(0.48)	7.31	7.13	7.60	9.14	2.08
1945	Below Normal	6.37	6.28	6.58	7.35	(0.15)	(22.02)	0.05	(0.14)	9.51	9.55	9.88	45.76	6.59
1946	Below Normal	8.34	(9.94)	8.64	9.24	2.36	(26.61)	1.00	0.97	17.84	10.33	10.37	8.34	3.41
1947	Dry	10.67	10.69	8.12	11.03	0.18	(0.48)	(0.53)	0.46	5.68	5.75	4.35	3.00	4.91
1948	Below Normal	4.95	5.01	4.54	1.94	(3.11)	(0.94)	0.17	4.38	0.00	(0.03)	0.10	0.05	1.42
1949	Dry	0.15	0.14	0.02	(0.09)	0.02	(0.18)	(0.10)	0.16	0.11	0.19	1.29	(0.02)	0.14
1950	Below Normal	(1.21)	(0.13)	(0.20)	(1.63)	(1.45)	(0.45)	(0.05)	(0.06)	5.19	3.42	5.02	4.97	1.12
1951	Above Normal	5.19	5.21	(0.99)	0.00	0.00	0.28	0.00	0.00	9.92	9.90	9.89	9.88	4.11
1952	Wet	9.91	9.92	7.44	9.96	(0.18)	(0.01)	2.11	(1.78)	(4.91)	4.80	2.93	18.71	4.91
1953	Wet	2.52	1.68	6.79	19.68	9.46	(23.59)	(54.98)	(3.37)	9.35	8.03	8.37	9.01	(0.59)
1954	Above Normal	11.08	12.93	9.32	21.41	10.57	7.80	1.90	3.00	13.41	2.20	4.11	4.04	8.48
1955	Dry	5.10	4.18	4.06	4.16	(0.06)	(0.32)	(1.63)	(1.96)	(0.85)	(0.57)	(0.85)	(6.07)	0.43
1956	Wet	(0.18)	0.14	0.38	(31.42)	0.03	0.83	0.20	0.19	9.90	10.06	9.73	11.09	0.91
1957	Above Normal	10.06	10.10	7.73	10.76	(0.10)	(1.22)	0.11	0.70	9.90	9.90	9.43	9.54	6.41
1958	Wet	9.92	9.87	7.05	9.94	0.00	(0.32)	2.79	3.80	12.30	9.97	9.83	9.99	7.10
1959	Below Normal	9.82	8.10	10.00	8.96	(0.55)	(6.78)	(5.83)	(7.93)	(39.94)	8.94	7.85	6.81	(0.05)
1960	Dry	7.24	5.75	6.84	6.50	(0.40)	0.52	0.84	0.02	9.24	(1.72)	8.44	(4.32)	3.25
1961	Dry	(0.92)	(2.99)	(1.98)	3.06	2.74	1.03	0.51	0.65	0.69	0.47	2.44	(0.24)	0.46
1962	Below Normal	(2.48)	0.70	1.49	0.02	0.00	0.00	0.01	0.01	9.90	9.42	9.42	9.44	3.16
1963	Wet	9.91	9.92	7.27	9.91	0.00	0.00	(0.09)	(0.13)	9.73	12.48	9.90	9.89	6.57
1964	Dry	9.91	9.29	7.27	9.42	(0.09)	0.69	(0.08)	(0.08)	(0.01)	(0.03)	0.06	(0.04)	3.03
1965	Wet	0.15	(0.08)	(0.08)	0.65	0.32	(1.53)	(0.68)	(1.01)	5.60	10.91	11.09	10.87	3.02
1966	Below Normal	10.65	10.57	7.98	8.01	(1.44)	(0.75)	(0.02)	(0.27)	8.61	9.03	8.64	8.27	5.77
1967	Wet	9.59	8.99	8.36	8.69	(0.12)	(0.02)	2.38	3.30	(0.12)	9.77	9.70	11.26	5.98
1968	Below Normal	9.73	0.79	5.07	(3.48)	(0.36)	(9.05)	10.41	1.04	9.27	13.30	13.04	11.75	5.13
1969	Wet	(0.06)	8.83	4.42	(35.11)	(21.01)	0.00	2.73	(1.52)	(1.58)	13.15	5.12	4.47	(1.71)
1970	Wet	15.59	8.28	3.48	4.98	(5.81)	0.17	(7.46)	1.06	11.14	10.60	10.71	10.32	5.26
1971	Wet	10.84	10.66	8.10	4.18	2.28	0.95	(0.54)	(0.74)	4.04	8.22	7.97	8.15	5.34
1972	Below Normal	8.03	8.11	8.12	8.32	0.26	0.21	(0.04)	(0.10)	(0.09)	(0.12)	(0.10)	(0.07)	2.71
1973	Above Normal	(0.03)	(0.03)	0.00	0.21	0.16	0.16	(0.14)	(0.60)	8.04	9.92	9.94	9.90	3.13
1974	Wet	9.95	9.96	7.44	7.71	(4.38)	(12.64)	15.32	(4.41)	4.90	8.62	8.30	28.97	6.64
1975	Wet	8.11	8.10	6.62	5.83	(20.05)	(9.49)	3.19	3.53	12.93	12.08	12.21	12.04	4.59
1976	Critical	13.11	12.31	9.29	11.77	1.57	0.12	(1.33)	(1.60)	(1.25)	(2.66)	0.75	(1.89)	3.35
1977	Critical	(1.56)	(2.30)	(1.46)	(0.08)	(0.08)	0.01	6.65	0.02	0.06	0.01	0.01	0.01	0.11
1978	Above Normal	0.01	(0.15)	(0.60)	0.01	0.05	(3.49)	1.59	9.38	22.05	18.90	17.29	14.98	6.67
1979	Below Normal	7.61	4.07	3.02	(21.53)	(64.58)	(20.08)	33.89	1.50	8.14	11.42	11.86	45.29	1.72
1980	Above Normal	54.13	10.43	7.91	(98.88)	(7.90)	(3.88)	(9.89)	(8.79)	1.85	(47.96)	13.57	89.93	0.04
1981	Dry	1.33	(3.66)	(2.57)	(5.12)	(48.09)	35.17	5.07	6.56	56.46	7.54	(0.09)	9.42	5.17
1982	Wet	16.70	11.53	3.27	10.26	0.44	(0.07)	0.03	6.21	17.57	9.94	9.57	9.95	7.95
1983	Wet	(5.38)	15.59	0.00	0.00	0.00	0.00	0.04	0.00	0.01	(0.22)	9.61	9.90	2.46
1984	Wet	0.00	0.00	0.00	0.00	0.43	0.00	0.01	0.01	9.91	9.91	9.92	9.96	3.35
1985	Dry	9.92	9.93	7.41	9.45	0.00	(0.01)	0.01	0.01	8.46	8.46	8.44	8.44	5.88
1986	Wet	8.47	8.44	8.54	8.08	(0.01)	(67.16)	21.38	3.73	10.82	9.99	39.97	(31.92)	1.69
1987	Dry	10.31	8.74	6.44	5.94	(0.40)	(0.04)	(5.77)	(7.15)	(4.31)	(7.62)	(2.89)	(0.73)	0.21
1988	Critical	0.47	1.37	2.37	2.91	(0.41)	0.91	0.00	(0.01)	0.02	0.30	(0.02)	0.01	0.66
1989	Dry	0.03	0.00	0.00	(0.04)	(0.05)	(0.07)	(0.18)	(0.12)	(1.45)	0.02	(10.85)	2.54	(0.85)
1990	Critical	2.91	2.15	2.82	(0.02)	0.01	0.02	0.06	0.03	0.04	0.24	0.02	0.09	0.70
1991	Critical	0.03	0.02	0.04	0.07	0.01	0.01	0.00	(2.71)	0.13	2.09	(0.43)	0.52	(0.02)
1992	Critical	0.31	(2.32)	1.65	1.10	0.02	0.00	0.01	0.02	0.02	(0.02)	(0.03)	(0.61)	0.01
1993	Above Normal	(0.59)	(0.07)	1.40	0.03	(0.12)	1.17	(0.25)	0.11	7.05	10.75	10.54	10.60	3.39
1994	Critical	10.32	10.30	7.62	8.91	(0.86)	(0.29)	(0.01)	0.06	0.43	(0.07)	(0.01)	(0.04)	3.03
1995	Wet	(2.71)	0.73	0.52	0.00	(0.01)	(0.02)	1.84	28.19	17.34	9.89	9.67	10.02	6.29
1996	Wet	8.14	9.24	9.83	(104.08)	(77.59)	(39.16)	(8.68)	(9.81)	10.21	5.37	5.14	5.40	(15.50)
1997	Wet	4.78	5.40	(1.52)	0.57	(1.34)	0.53	1.32	1.50	5.65	12.63	10.65	11.76	4.33
1998	Wet	10.66	10.40	8.18	9.83	(2.66)	1.33	1.57	(6.03)	(5.10)	(5.29)	3.23	4.11	2.52
1999	Wet	18.04	0.97	11.97	12.28	7.34	(11.85)	(17.03)	1.16	11.12	10.48	10.55	6.55	5.13
2000	Above Normal	10.72	10.55	8.03	10.40	6.38	(2.05)	(1.14)	0.49	10.28	11.25	10.46	10.40	7.15
2001	Dry	8.76	8.62	(1.05)	3.75	(5.52)	(1.29)	1.40	1.86	3.35	9.82	2.85	2.38	2.91
2002	Dry	2.07	1.89	1.68	1.44	0.16	(0.12)	(0.94)	(0.99)	(0.99)	(0.67)	(2.99)	2.01	0.21
2003	Above Normal	(0.60)	6.05	(6.87)	2.13	1.94	0.73	(0.06)	(0.09)	5.93	5.91	5.62	5.86	2.21
	Average	7.86	7.27	7.62	0.47	(3.98)	(2.99)	0.33	(1.91)	2.36	2.75	5.75	6.81	2.70
	Wet	7.20	7.46	4.62	(2.91)	(6.13)	(6.17)	(1.31)	0.92	6.52	8.92	9.39	10.88	3.28
	Above Normal	8.15	2.88	4.59	(1.24)	(0.07)	(0.70)	(1.52)	1.04	7.73	7.02	11.89	17.50	4.77
	Below Normal	7.61	4.01	5.01	1.02	(6.24)	(2.05)	7.94	(8.81)	(9.70)	11.24	10.84	17.80	3.22
	Dry	7.31	12.45	11.90	4.05	(3.33)	(2.00)	(2.30)	(3.23)	5.64	1.05	3.34	2.44	3.11
	Critical	10.11	7.29	13.80	3.48	(1.53)	(0.98)	0.78	(0.97)	(2.87)	(22.26)	(10.57)	(18.93)	(1.89)

Percent Difference in Energy generated (GWh) at Syst. Tot.: Alternative2_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%	3%
1923	Below Normal	4%	6%	4%	-4%	-4%	14%	23%	-34%	-59%	9%	10%	26%
1924	Critical	40%	24%	69%	34%	25%	5%	2%	2%	-7%	-64%	-60%	-69%
1925	Dry	93%	250%	315%	32%	14%	-38%	-5%	-16%	-9%	-5%	-11%	-7%
1926	Dry	-14%	-16%	-12%	-6%	1%	1%	2%	1%	4%	1%	6%	15%
1927	Wet	5%	6%	4%	8%	-4%	0%	-2%	-3%	1%	1%	1%	1%
1928	Above Normal	1%	2%	1%	4%	-2%	-1%	-4%	1%	-3%	4%	5%	4%
1929	Critical	1%	0%	-2%	-22%	-24%	-13%	1%	-2%	-3%	-3%	-5%	-54%
1930	Dry	32%	26%	6%	19%	0%	2%	0%	0%	0%	0%	2%	0%
1931	Critical	1%	2%	2%	2%	0%	1%	0%	-1%	-1%	-1%	-1%	-45%
1932	Dry	2%	57%	13%	13%	0%	1%	0%	0%	2%	2%	15%	4%
1933	Critical	-11%	4%	-4%	27%	0%	1%	2%	1%	2%	0%	5%	6%
1934	Critical	9%	3%	23%	6%	1%	-5%	-2%	-3%	-3%	1%	-4%	0%
1935	Below Normal	9%	-7%	-7%	0%	0%	0%	1%	1%	6%	1%	2%	2%
1936	Below Normal	4%	4%	4%	9%	-2%	-1%	0%	0%	2%	2%	2%	3%
1937	Below Normal	3%	3%	2%	0%	0%	5%	0%	0%	4%	1%	0%	1%
1938	Wet	2%	3%	-2%	0%	-5%	1%	1%	2%	-2%	4%	-1%	9%
1939	Dry	1%	2%	-1%	0%	-1%	-2%	-6%	0%	11%	1%	1%	-1%
1940	Above Normal	1%	-15%	10%	4%	-7%	0%	0%	0%	2%	1%	1%	2%
1941	Wet	3%	4%	0%	0%	0%	-1%	0%	0%	2%	2%	3%	2%
1942	Wet	3%	4%	0%	-2%	0%	0%	0%	0%	1%	2%	2%	4%
1943	Wet	3%	3%	4%	-2%	-1%	0%	1%	-1%	2%	1%	2%	2%
1944	Dry	2%	2%	2%	-3%	-7%	-3%	0%	0%	2%	1%	2%	4%
1945	Below Normal	4%	4%	5%	7%	0%	-6%	0%	0%	2%	2%	2%	14%
1946	Below Normal	3%	-4%	3%	3%	1%	-7%	0%	0%	4%	2%	2%	2%
1947	Dry	3%	4%	4%	4%	0%	0%	0%	0%	1%	1%	1%	1%
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	-1%	0%	0%	-2%	-2%	0%	0%	0%	4%	0%	1%	1%
1951	Above Normal	2%	2%	0%	0%	0%	0%	0%	0%	2%	1%	2%	2%
1952	Wet	3%	4%	4%	3%	0%	0%	0%	0%	-1%	1%	1%	3%
1953	Wet	1%	1%	1%	2%	3%	-4%	-10%	-1%	2%	1%	2%	2%
1954	Above Normal	3%	5%	3%	8%	5%	2%	0%	1%	3%	0%	1%	1%
1955	Dry	2%	2%	2%	4%	0%	0%	-1%	-1%	0%	0%	0%	-2%
1956	Wet	0%	0%	0%	-4%	0%	0%	0%	0%	2%	2%	2%	2%
1957	Above Normal	3%	3%	2%	4%	0%	0%	0%	0%	6%	1%	2%	2%
1958	Wet	4%	4%	4%	10%	0%	0%	0%	0%	2%	2%	3%	2%
1959	Below Normal	3%	3%	2%	3%	0%	-2%	-2%	-2%	-11%	1%	1%	2%
1960	Dry	3%	2%	4%	8%	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%	5%	1%	2%	2%
1963	Wet	5%	5%	5%	6%	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%	2%	2%	2%
1966	Below Normal	3%	4%	4%	3%	0%	0%	0%	0%	2%	1%	2%	2%
1967	Wet	4%	4%	5%	8%	0%	0%	1%	0%	0%	3%	3%	2%
1968	Below Normal	3%	0%	2%	-1%	0%	-2%	3%	0%	2%	2%	2%	3%
1969	Wet	0%	5%	3%	-7%	-3%	0%	1%	0%	0%	4%	1%	1%
1970	Wet	4%	3%	1%	1%	-1%	0%	-2%	0%	3%	2%	2%	2%
1971	Wet	3%	4%	4%	1%	1%	0%	0%	0%	1%	1%	1%	1%
1972	Below Normal	3%	3%	5%	8%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	2%	2%	2%	2%
1974	Wet	3%	4%	2%	1%	-1%	-1%	2%	-1%	1%	2%	2%	5%
1975	Wet	2%	3%	3%	2%	-4%	-1%	1%	1%	2%	2%	4%	2%
1976	Critical	4%	4%	3%	4%	1%	0%	0%	0%	-1%	0%	0%	0%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	5%	0%	0%	0%	0%	0%
1978	Above Normal	0%	-1%	0%	0%	0%	-1%	0%	3%	6%	3%	3%	3%
1979	Below Normal	2%	2%	1%	-9%	-25%	-7%	11%	0%	2%	2%	2%	15%
1980	Above Normal	19%	5%	4%	-17%	-1%	-1%	-3%	-2%	1%	-10%	4%	29%
1981	Dry	0%	-1%	-1%	-2%	-13%	8%	2%	2%	19%	1%	0%	2%
1982	Wet	7%	6%	1%	2%	0%	0%	0%	1%	4%	2%	3%	2%
1983	Wet	-1%	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%	2%	1%	2%	2%
1986	Wet	3%	4%	5%	3%	0%	-7%	6%	1%	3%	2%	9%	-5%
1987	Dry	3%	3%	2%	2%	0%	0%	-2%	-2%	-1%	-2%	-1%	0%
1988	Critical	0%	2%	3%	5%	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%	-2%	0%	1%	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%	2%	2%	2%
1994	Critical	3%	4%	3%	5%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	-3%	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%	0%	0%	0%	0%	0%	0%	1%	2%	2%	2%
1998	Wet	3%	4%	4%	3%	0%	0%	0%	-1%	-1%	-1%	1%	1%
1999	Wet	4%	0%	3%	2%	1%	-2%	-5%	0%	3%	2%	3%	1%
2000	Above Normal	3%	4%	2%	4%	1%	0%	0%	0%	2%	2%	2%	2%
2001	Dry	3%	3%	0%	3%	-5%	-1%	1%	1%	1%	3%	1%	1%
2002	Dry	1%	2%	2%	3%	0%	0%	0%	0%	0%	0%	-1%	1%
2003	Above Normal	0%	3%	-2%	2%	2%	0%	0%	0%	3%	1%	1%	1%
	Average	4%	6%	7%	3%	-1%	-1%	0%	-1%	1%	0%	1%	0%
	Wet	2%	3%	2%	1%	-1%	-1%	0%	0%	1%	2%	2%	2%
	Above Normal	3%	1%	2%	3%	0%	0%	0%	0%	2%	1%	2%	4%
	Below Normal	3%	2%	2%	1%	-2%	-1%	3%	-2%	-3%	2%	2%	5%
	Dry	8%	19%	19%	5%	0%	-2%	-1%	-1%	2%	0%	1%	1%
	Critical	4%	3%	8%	5%	0%	-1%	1%	0%	-1%	-6%	-5%	-14%

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: Alternative2_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	13.25	8.63	13.16	15.02	18.94	8.54	5.11	151.84
1925	Dry	4.61	4.46	5.11	4.61	4.16	4.10	3.72	3.84	16.75	41.33	20.24	23.73	136.66
1926	Dry	8.73	5.39	8.79	4.61	4.16	7.48	3.72	15.62	22.83	44.38	26.05	15.70	167.46
1927	Wet	4.61	4.46	21.26	4.61	13.08	36.29	23.68	20.69	10.14	47.59	40.93	48.85	276.19
1928	Above Normal	20.48	12.39	15.68	8.71	21.21	42.84	4.96	5.12	24.02	51.21	41.21	38.69	286.52
1929	Critical	20.48	8.42	8.71	8.71	7.86	8.98	9.39	15.26	12.76	6.70	4.17	3.83	115.27
1930	Dry	4.61	4.46	20.78	4.61	18.55	4.10	3.72	3.84	20.11	44.94	21.11	22.82	173.65
1931	Critical	7.90	5.70	4.65	4.61	4.16	4.10	15.46	11.75	13.83	31.63	11.30	5.54	120.63
1932	Dry	4.61	4.46	23.43	4.61	4.31	14.50	5.63	3.84	3.72	40.00	34.06	3.83	147.00
1933	Critical	7.72	6.15	4.87	4.61	4.16	24.17	3.87	10.62	10.82	13.63	3.84	3.83	98.29
1934	Critical	4.61	4.46	14.18	4.61	17.25	4.34	13.09	16.78	16.57	10.77	9.59	4.92	121.17
1935	Below Normal	7.32	4.46	4.61	4.61	4.39	4.10	4.96	5.12	9.28	44.23	38.87	24.04	155.99
1936	Below Normal	11.46	10.33	8.71	8.71	27.85	28.30	4.96	5.69	7.97	42.29	37.96	7.87	202.10
1937	Below Normal	20.48	12.39	26.98	8.71	7.86	8.71	4.96	5.12	36.87	42.15	27.37	4.96	206.56
1938	Wet	20.48	8.42	8.71	8.71	59.96	89.10	64.94	88.70	40.63	18.60	21.33	46.92	476.50
1939	Dry	20.48	12.39	13.82	8.71	7.86	8.71	13.34	15.54	14.14	46.00	32.51	30.68	224.18
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	49.43	39.64	49.56	416.93
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	15.00	4.96	10.34	13.66	48.63	42.01	18.00	207.56
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	8.58	8.71	8.71	7.86	8.71	6.82	6.27	18.61	44.96	25.66	28.31	184.12
1950	Below Normal	6.86	4.75	6.12	4.61	4.16	4.10	4.96	5.12	4.96	45.75	39.77	16.87	148.03
1951	Above Normal	10.92	8.42	63.81	59.83	50.17	23.50	4.96	8.96	14.34	51.21	41.47	36.15	373.74
1952	Wet	20.48	12.39	8.71	8.71	55.60	36.29	86.23	89.10	44.98	12.09	6.41	40.55	421.54
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	11.79	8.71	8.71	80.48	60.98	37.98	53.54	33.06	16.58	9.05	43.94	373.53
1959	Below Normal	20.48	12.39	33.42	8.71	36.46	11.55	9.40	6.05	19.71	50.31	39.82	22.64	270.94
1960	Dry	13.54	12.09	8.40	6.14	5.75	5.12	11.08	7.27	18.24	44.61	30.72	30.15	193.11
1961	Dry	6.79	5.95	7.14	6.14	5.55	5.47	6.07	6.26	12.71	46.51	17.98	3.83	130.40
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	48.22	371.87
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	23.23	12.21	56.46	33.99	9.85	5.94	19.69	51.21	37.52	26.72	309.69
1969	Wet	15.40	8.42	8.71	51.13	57.70	33.06	37.39	65.62	18.51	9.53	11.65	39.77	356.89
1970	Wet	20.45	12.39	69.18	89.10	49.31	21.11	7.35	5.12	12.42	48.29	39.14	34.52	408.38
1971	Wet	20.48	13.93	11.83	11.83	10.68	33.34	19.01	43.97	27.94	48.01	32.86	49.56	323.44
1972	Below Normal	17.60	12.39	8.71	8.71	8.14	10.15	4.96	5.12	14.61	45.65	37.17	27.77	200.98
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	14.40	12.39	24.50	8.71	8.14	8.71	4.96	5.74	5.58	35.42	17.67	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	36.12	196.37
1979	Below Normal	20.48	12.39	31.61	6.14	5.55	5.12	4.96	5.12	19.81	43.28	33.08	11.81	199.35
1980	Above Normal	20.48	8.42	8.71	38.53	83.35	27.22	4.96	5.12	4.96	21.05	5.12	18.81	246.73
1981	Dry	20.48	12.39	17.56	8.71	12.23	35.67	4.96	5.12	21.07	43.81	25.60	31.96	239.56
1982	Wet	11.65	5.95	68.79	42.72	80.48	68.63	86.23	40.93	18.60	17.57	5.12	19.67	466.34
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	23.16	43.58	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	30.31	28.91	163.58
1990	Critical	10.26	12.39	18.17	4.61	4.16	4.10	6.13	4.06	4.59	41.97	3.84	5.32	119.60
1991	Critical	4.94	4.46	6.55	6.76	4.16	4.10	3.72	3.84	16.95	43.81	6.02	6.65	111.96
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	44.89	17.72	39.76	22.12	46.40	39.32	40.30	272.54
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	16.04	399.99
1996	Wet	23.38	22.62	20.82	61.24	83.35	51.95	33.25	53.29	11.75	43.55	17.28	45.91	468.39
1997	Wet	20.48	12.39	77.03	89.10	47.60	27.84	4.96	5.12	10.59	45.52	23.17	46.62	410.42
1998	Wet	20.48	12.39	11.34	8.71	79.84	73.10	14.59	47.09	55.33	12.92	5.95	22.37	364.11
1999	Wet	26.85	41.79	30.87	71.14	76.69	58.12	4.96	5.12	8.50	44.69	14.71	26.38	409.82
2000	Above Normal	20.48	12.39	32.74	8.71	43.21	48.12	4.96	7.76	18.01	51.21	38.14	38.00	323.73
2001	Dry	20.48	12.39	31.22	8.71	7.86	8.71	4.96	10.55	16.88	29.71	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	15.01	11.01	18.40	19.62	25.28	27.45	15.05	18.85	17.82	37.95	23.38	27.08	256.89
	Wet	17.61	15.46	26.28	42.84	51.85	54.11	31.89	37.81	25.01	33.46	19.01	41.20	396.51
	Above Normal	13.93	9.34	19.63	15.10	25.18	35.66	11.16	17.56	16.26	45.55	34.00	36.63	280.00
	Below Normal	15.14	9.63	14.29	7.75	14.48	11.17	5.55	6.75	13.89	45.77	37.52	18.06	200.01
	Dry	14.08	8.79	13.84	7.27	7.77	9.24	6.17	8.29	15.43	41.94	21.92	19.98	174.71
	Critical	11.68	7.95	11.70	6.20	6.66	7.79	6.86	9.02	12.00	24.96	7.93	8.14	120.89

Difference in Energy generated (GWh) at Thermalito Dam: Alternative2_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	0.07	0.03	0.02	0.04	(23.03)	(0.26)	0.00	(0.47)
1925	Dry	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.64	0.01	(0.33)	0.12	0.04
1926	Dry	(2.52)	(2.43)	0.00	0.00	0.00	(0.79)	0.00	(0.13)	0.10	(1.62)	1.72	4.89	(0.06)
1927	Wet	0.00	0.00	(0.01)	0.00	(0.04)	0.01	0.01	0.00	0.01	0.01	(0.03)	0.01	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.08	0.00	0.10	0.13	0.03
1929	Critical	0.00	0.00	0.00	0.00	0.00	(0.38)	0.00	0.01	0.00	0.00	(0.11)	0.00	(0.04)
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.45	0.01	0.04
1931	Critical	0.11	0.12	0.04	0.00	0.00	0.00	0.00	0.01	0.00	(0.24)	(0.01)	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)	8.02	0.00	0.67
1933	Critical	(2.28)	(3.93)	0.26	0.00	0.00	0.00	0.00	0.00	(0.05)	(1.93)	0.00	0.00	(0.66)
1934	Critical	0.00	0.00	0.00	0.00	0.00	(0.28)	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	0.01	(0.03)
1935	Below Normal	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.08
1936	Below Normal	0.06	0.05	0.00	0.00	(0.54)	0.00	0.00	0.00	0.00	0.05	0.00	0.14	(0.02)
1937	Below Normal	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	3.20	0.00	(1.14)	0.00	0.17
1938	Wet	0.00	0.00	0.00	0.00	(2.21)	0.00	0.00	0.00	0.00	1.18	(0.28)	5.62	0.36
1939	Dry	0.00	0.00	(1.30)	0.00	0.00	0.00	0.00	(0.37)	(0.07)	(0.07)	(0.21)	(1.86)	(0.32)
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	(0.06)	(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	(3.51)	0.00	(0.01)	0.88	(0.02)	(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	0.01	0.00	0.00
1949	Dry	0.01	0.01	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	(0.19)	0.00	0.00	(0.03)
1951	Above Normal	(0.01)	0.00	0.20	0.00	0.00	0.28	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	0.00	0.00	0.06	0.06	0.00	1.95	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	(0.06)	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	(0.03)	0.02	0.00	0.01	0.02	0.02	0.01	(0.13)	(0.01)
1960	Dry	(0.07)	(0.30)	(0.11)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	(0.02)
1961	Dry	0.41	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	0.00	0.03
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	0.90	(1.08)	0.00	0.01	0.00	0.00	(0.18)	0.00	0.02	0.01	(0.03)
1969	Wet	(1.32)	0.00	0.00	1.53	0.00	0.00	0.00	0.00	0.00	0.60	(0.39)	(0.50)	(0.01)
1970	Wet	0.93	0.00	(0.64)	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	0.00	(0.11)	0.02
1971	Wet	0.00	0.00	0.00	0.00	0.00	(0.06)	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	0.02	0.00	0.00	0.00	0.00	0.00	0.01	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	0.00	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	0.14	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.17)	(0.03)	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	0.07	0.03
1979	Below Normal	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	(0.06)	(0.07)	(0.01)	5.27	0.44
1980	Above Normal	6.28	0.00	0.00	(11.74)	0.00	0.00	0.00	0.00	0.00	(6.50)	0.00	13.85	0.16
1981	Dry	0.00	0.00	(0.52)	(1.41)	(4.95)	(0.01)	0.00	0.00	0.01	0.02	0.02	(0.26)	(0.59)
1982	Wet	0.80	0.00	(0.67)	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	6.42	(5.57)	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	(0.54)	(0.08)	(0.05)
1990	Critical	0.17	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	0.01	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	0.00	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	0.23	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	0.02	0.00
1996	Wet	(0.01)	(0.02)	(0.01)	0.03	0.00	0.01	0.03	0.00	0.01	0.00	0.01	(0.13)	(0.01)
1997	Wet	0.00	0.00	0.07	0.00	0.00	0.68	0.00	0.00	(0.74)	0.24	0.00	0.14	0.03
1998	Wet	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.05	0.06	0.06	0.08	0.11	0.06
1999	Wet	0.11	0.08	0.03	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	(0.69)	(0.04)
2000	Above Normal	0.00	0.00	0.00	0.00	0.68	0.01	0.00	0.00	0.01	0.00	0.01	0.02	0.06
2001	Dry	0.00	0.00	(1.10)	0.00	0.00	0.00	0.00	0.00	0.00	1.09	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	0.10	(0.12)	0.09	(0.18)	(0.10)	(0.02)	0.00	(0.01)	0.05	(0.38)	0.17	0.44	0.00
	Wet	0.03	0.00	(0.11)	(0.03)	(0.17)	0.06	0.00	0.00	(0.02)	0.08	0.22	0.24	0.02
	Above Normal	0.37	(0.00)	(0.00)	(0.98)	0.05	0.05	(0.00)	(0.01)	0.00	(0.53)	0.02	1.17	0.01
	Below Normal	0.06	(0.21)	0.08	(0.08)	0.06	(0.25)	(0.00)	0.00	0.28	(0.03)	(0.09)	1.01	0.07
	Dry	(0.11)	(0.16)	(0.16)	(0.08)	(0.27)	(0.04)	(0.00)	(0.03)	0.04	(0.08)	0.53	0.10	(0.02)
	Critical	0.36	(0.32)	0.98	0.00	0.00	0.03	0.00	0.00	(0.00)	(2.10)	(0.05)	0.00	(0.09)

Percent Difference in Energy generated (GWh) at Thermalito Dam: Alternative2_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%	4%	0%	-2%	1%
1926	Dry	-22%	-31%	0%	0%	0%	-10%	0%	-1%	0%	-4%	7%	45%
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%	-3%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1931	Critical	1%	2%	1%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	31%	0%
1933	Critical	-23%	-39%	6%	0%	0%	0%	0%	0%	0%	-12%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	-6%	0%	0%	0%	0%	0%	0%
1935	Below Normal	15%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	1%	0%	0%	0%	-2%	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%	-4%	0%	0%	0%	0%	7%	-1%	14%
1939	Dry	0%	0%	-9%	0%	0%	0%	0%	-2%	0%	0%	-1%	-6%
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%	0%	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%	1%	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	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%	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	-8%	0%	0%	3%	0%	0%	0%	0%	0%	7%	-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%	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%	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%	1%	0%	0%	0%	0%	0%	0%	0%	0%	81%
1980	Above Normal	44%	0%	0%	-23%	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%	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%	3%	0%	0%	-7%	1%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	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%	4%	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	1%	-1%	1%	-1%	0%	0%	0%	0%	0%	-1%	1%	6%
	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%	-1%	1%	-1%	0%	0%	1%	0%	0%	12%
	Dry	-1%	-2%	-1%	-1%	-2%	-1%	0%	0%	0%	0%	2%	2%
	Critical	3%	-3%	10%	0%	0%	0%	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: Alternative2_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	39.14	41.52	41.86	38.67	444.33
1923	Below Normal	32.59	30.19	24.72	40.50	35.28	55.10	51.87	34.54	3.21	54.28	51.72	44.74	458.74
1924	Critical	36.48	33.70	25.30	20.47	16.31	16.07	20.93	20.22	19.24	1.85	1.78	1.44	213.79
1925	Dry	21.56	23.55	20.78	9.39	7.94	14.80	35.16	34.92	33.79	40.17	36.91	30.25	309.22
1926	Dry	21.32	19.53	11.84	11.39	9.38	18.91	26.12	37.58	36.20	43.06	39.50	32.28	307.11
1927	Wet	23.13	21.19	13.02	7.89	9.71	41.45	45.40	41.72	42.42	44.96	45.34	42.06	378.29
1928	Above Normal	36.31	33.35	27.57	32.02	29.46	21.31	44.82	42.89	42.66	49.49	47.59	41.60	449.07
1929	Critical	33.92	31.20	23.63	20.30	16.94	15.31	17.43	16.53	15.10	18.14	13.82	6.57	228.89
1930	Dry	3.45	1.29	0.18	5.30	7.68	13.42	29.24	28.66	27.36	32.49	27.74	21.78	198.59
1931	Critical	11.74	9.93	4.44	8.23	7.80	12.56	21.45	20.74	19.67	23.74	17.84	12.99	171.13
1932	Dry	5.49	5.17	1.02	8.13	7.50	16.21	31.30	30.94	31.00	36.56	33.08	27.09	233.49
1933	Critical	17.94	16.23	8.44	10.33	8.34	15.04	25.16	26.48	25.79	30.76	25.13	19.31	228.95
1934	Critical	8.71	7.12	4.84	8.28	7.06	12.91	21.96	21.21	20.24	24.31	1.80	1.44	139.88
1935	Below Normal	14.17	15.21	8.95	7.40	8.08	15.15	40.81	41.28	41.54	52.53	48.38	39.81	333.31
1936	Below Normal	30.07	27.83	17.95	11.53	8.82	55.10	38.39	44.13	44.88	47.61	47.99	44.51	418.81
1937	Below Normal	38.77	35.67	29.64	29.33	41.09	55.10	35.67	40.30	40.93	43.49	43.84	40.47	474.30
1938	Wet	34.48	31.89	24.88	36.40	49.77	55.10	33.15	36.52	35.34	39.38	39.67	36.50	453.08
1939	Dry	30.27	28.19	25.73	27.72	48.99	55.10	41.86	40.79	41.02	51.95	48.54	44.97	485.13
1940	Above Normal	35.75	33.00	39.35	9.52	7.39	20.65	40.29	41.35	41.58	50.91	46.90	38.59	405.28
1941	Wet	28.99	26.82	15.96	12.49	19.27	55.10	28.86	34.11	34.45	36.70	36.96	34.00	363.71
1942	Wet	27.80	25.83	19.35	27.68	32.16	55.10	50.87	37.89	38.49	40.87	41.19	38.10	435.33
1943	Wet	32.18	29.66	24.21	30.41	36.69	55.10	48.21	42.51	43.08	45.81	46.23	42.80	476.89
1944	Dry	36.87	34.08	28.28	27.26	22.79	19.23	30.87	30.58	30.18	35.81	31.76	25.68	353.39
1945	Below Normal	16.13	14.31	8.15	12.12	9.25	47.89	38.31	42.43	43.18	45.82	46.15	42.82	366.56
1946	Below Normal	37.07	34.05	47.13	29.65	36.18	45.34	43.46	40.10	40.66	43.16	43.55	40.38	480.73
1947	Dry	34.54	31.78	26.12	32.28	27.42	24.99	44.58	42.75	42.25	47.75	45.70	39.68	439.84
1948	Below Normal	31.80	29.24	21.67	18.79	15.92	14.73	22.68	36.64	1.56	51.47	47.22	38.56	330.28
1949	Dry	28.81	26.48	16.98	11.63	9.72	16.64	44.77	42.42	41.16	46.17	44.42	38.84	368.04
1950	Below Normal	31.29	28.68	21.45	11.19	9.88	14.32	37.22	37.08	2.46	51.22	47.03	38.55	330.37
1951	Above Normal	28.88	26.63	26.38	43.54	49.77	55.10	35.09	41.12	41.79	44.22	44.63	41.41	478.56
1952	Wet	35.59	32.75	27.01	42.98	42.51	38.92	34.72	31.45	29.77	33.74	33.99	31.24	414.67
1953	Wet	25.02	23.20	37.63	32.78	38.76	55.10	44.19	37.19	37.49	41.29	40.44	36.35	449.44
1954	Above Normal	29.56	27.17	20.76	26.80	24.50	34.86	40.77	40.95	39.80	47.55	44.39	36.40	413.51
1955	Dry	26.85	24.78	15.82	9.47	8.78	19.14	34.59	34.47	32.78	39.10	36.03	29.45	311.26
1956	Wet	20.55	18.76	11.20	36.00	51.55	55.10	40.26	44.43	45.24	47.91	48.33	44.84	464.17
1957	Above Normal	39.00	36.01	30.00	36.35	31.64	30.04	34.55	34.23	3.48	50.18	46.17	38.04	409.69
1958	Wet	28.48	26.30	16.76	5.51	23.58	48.96	38.78	43.27	43.96	46.66	47.15	43.51	412.92
1959	Below Normal	37.53	34.78	29.33	40.43	36.89	51.87	38.21	37.99	20.07	50.81	46.62	38.26	462.79
1960	Dry	28.71	26.44	17.27	10.14	8.03	14.56	43.34	43.18	41.85	52.26	48.31	43.66	377.75
1961	Dry	34.01	31.29	21.27	11.26	10.69	14.19	37.06	36.85	35.30	42.02	38.55	33.47	345.96
1962	Below Normal	8.25	42.65	17.95	7.63	6.80	19.41	37.46	37.59	3.37	52.89	48.69	40.09	322.78
1963	Wet	30.31	28.07	18.18	20.84	24.09	39.12	42.63	39.59	40.11	42.51	42.95	39.85	408.25
1964	Dry	34.04	31.28	44.48	22.75	26.24	28.80	45.71	41.31	40.21	42.74	43.14	39.87	440.57
1965	Wet	34.15	31.20	25.95	37.51	41.68	39.04	42.03	38.32	38.68	42.03	41.97	38.41	450.97
1966	Below Normal	32.28	29.61	23.66	39.49	41.75	38.48	38.92	38.70	38.63	45.99	42.75	35.55	445.81
1967	Wet	26.53	24.51	16.13	8.66	25.20	39.95	44.96	41.17	39.98	44.44	44.82	41.44	397.79
1968	Below Normal	35.52	31.66	27.45	37.84	34.92	55.10	46.69	37.78	38.11	43.67	41.20	35.24	465.18
1969	Wet	27.03	24.93	17.07	23.88	49.77	55.10	32.12	37.04	35.72	39.92	40.23	37.01	419.82
1970	Wet	36.48	22.90	23.70	42.93	37.98	55.10	37.46	41.26	41.95	44.45	44.77	41.51	470.49
1971	Wet	35.72	32.84	27.13	38.37	39.02	41.89	37.46	38.05	37.82	45.21	41.61	34.22	449.34
1972	Below Normal	24.92	23.04	14.66	5.87	19.20	35.66	40.42	39.80	38.26	44.73	41.69	34.81	363.06
1973	Above Normal	26.06	23.94	15.84	8.54	28.94	51.53	36.84	42.56	43.32	45.75	46.14	42.80	412.26
1974	Wet	37.04	34.05	28.23	38.27	42.82	55.10	48.59	40.59	41.33	43.72	44.08	40.83	494.65
1975	Wet	34.93	32.19	26.52	36.60	34.54	51.29	46.46	42.22	42.99	45.42	45.83	42.55	481.54
1976	Critical	36.75	33.77	27.97	31.86	28.00	24.65	38.36	38.52	28.45	49.05	44.90	40.53	422.81
1977	Critical	30.72	28.15	18.31	8.99	8.14	11.76	16.91	4.17	1.79	1.92	1.81	1.45	134.12
1978	Above Normal	0.56	1.01	0.28	7.11	7.45	32.58	41.51	38.89	39.37	42.87	42.23	38.07	291.93
1979	Below Normal	31.49	28.88	22.54	26.73	22.84	44.84	44.52	40.38	41.07	43.40	43.76	40.58	431.03
1980	Above Normal	34.73	31.92	26.33	29.09	43.04	55.10	30.67	35.65	36.07	38.46	38.75	35.68	435.49
1981	Dry	29.56	27.39	22.16	36.15	32.29	42.36	38.50	39.23	22.71	52.84	48.56	41.77	433.52
1982	Wet	31.90	29.47	19.24	19.38	22.78	55.10	39.60	38.46	42.01	44.58	44.93	41.43	428.88
1983	Wet	35.37	42.49	55.10	29.84	49.77	55.10	27.09	26.92	34.92	32.06	23.65	29.52	441.83
1984	Wet	27.01	25.52	55.10	34.66	51.55	55.10	35.54	41.75	42.31	44.98	45.35	42.09	500.96
1985	Dry	36.25	33.38	46.50	27.03	32.42	46.47	42.98	39.64	40.13	42.44	42.77	39.64	469.65
1986	Wet	33.87	31.08	25.89	28.88	24.68	49.19	43.36	41.29	42.03	44.49	44.98	41.46	451.20
1987	Dry	35.46	32.87	26.88	30.21	31.47	21.81	22.61	21.99	21.86	25.83	19.72	14.59	305.30
1988	Critical	3.44	1.63	0.82	5.63	7.56	11.52	17.36	16.18	14.77	17.81	13.50	9.92	120.14
1989	Dry	0.61	0.46	0.16	1.57	7.04	11.67	41.96	42.67	41.03	51.96	47.66	40.67	287.46
1990	Critical	30.75	28.30	18.34	9.18	8.65	13.28	20.93	20.08	19.12	22.92	17.27	12.64	221.46
1991	Critical	1.99	0.51	0.11	4.15	6.60	11.22	17.51	16.46	15.40	20.85	15.64	11.45	121.89
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	12.05	7.19	20.21	34.83	41.57	39.31	39.65	46.72	45.21	39.84	337.17
1994	Critical	32.46	29.84	22.37	24.04	19.28	22.88	35.49	35.22	33.44	41.46	17.09	38.66	352.23
1995	Wet	5.16	47.32	36.59	7.55	16.91	29.33	47.55	43.24	43.97	46.66	47.16	43.63	415.07
1996	Wet	37.74	34.86	29.42	25.82	31.78	42.32	45.54	41.13	41.78	44.29	44.68	41.43	460.79
1997	Wet	35.63	32.77	26.03	43.11	46.44	55.10	38.64	38.48	38.93	41.30	41.70	38.56	476.69
1998	Wet	32.53	30.08	24.57	36.04	42.80	55.10	40.78	36.96	35.65	38.15	40.33	37.17	450.16
1999	Wet	36.79	34.51	30.66	31.92	49.77	55.10	39.08	41.28	41.88	44.58	45.03	41.74	492.34
2000	Above Normal	35.93	33.07	27.25	33.23	31.79	33.15	41.69	41.47	41.61	48.86	45.57	38.17	451.79
2001	Dry	29.13	26.96	17.97	13.54	10.59	14.39	23.45	23.07	22.61	27.24	20.59	15.07	244.61
2002	Dry	3.48	1.68	0.37	0.34	7.43	19.78	46.88	42.39	41.24	44.00	44.47	41.12	293.18
2003	Above Normal	35.37	32.35	37.86	4.68	9.89	20.45	35.61	35.44	2.42	49.12	45.22	37.09	345.50
	Average	27.44	26.02	21.75	21.44	24.68	34.79	36.65	35.90	32.82	40.75	38.40	34.37	375.02
	Wet	30.55	29.82	25.98	28.32	35.98	49.54	40.51	39.11	39.70	42.54	42.44	39.32	443.82
	Above Normal	30.61	27.09	24.51	21.08	25.33	35.47	38.82	39.37	34.24	46.30	44.56	38.86	406.22
	Below Normal	28.71	28.99	22.52	22.75	23.35	39.15	39.62	39.20	28.42	47.93	45.76	39.60	405.98
	Dry	24.47	22.59	19.10	16.42	17.58	22.92	36.72	36.30	34.59	41.91	38.75	33.33	344.67
	Critical	20.52	18.40	12.90	12.92	11.77	14.89	22.58	21.01	18.98	21.22	14.37	14.61	204.15

Difference in Energy generated (GWh) at Warne: Alternative2_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	1.90	1.93	1.94	1.81	1.08
1923	Below Normal	1.63	1.84	1.39	(4.57)	(14.40)	2.60	13.73	(3.46)	(33.02)	11.75	11.99	11.47	0.08
1924	Critical	11.81	11.05	10.37	7.32	4.36	1.55	1.57	1.76	1.94	(18.78)	(13.86)	(10.01)	0.76
1925	Dry	20.31	23.06	20.64	6.19	1.20	(20.54)	3.14	(5.89)	(5.41)	(6.59)	(5.99)	(4.77)	2.11
1926	Dry	(4.24)	(3.98)	(2.90)	2.12	0.10	0.72	1.96	1.97	2.27	2.66	2.46	2.05	0.43
1927	Wet	1.88	1.79	1.43	1.38	(1.56)	(0.18)	(0.68)	(0.75)	1.01	0.96	0.96	1.02	0.61
1928	Above Normal	1.00	1.05	0.65	2.16	(1.31)	(1.73)	(1.62)	0.54	1.50	5.59	3.43	0.90	1.01
1929	Critical	(0.91)	(0.63)	(2.67)	(6.14)	(6.67)	(2.26)	0.59	(0.56)	(0.62)	(0.74)	(0.54)	(3.93)	(2.09)
1930	Dry	2.59	0.82	0.00	2.88	0.05	0.05	0.22	0.22	0.18	0.22	0.33	0.32	0.66
1931	Critical	0.41	0.41	0.30	0.33	0.02	(0.02)	(0.07)	(0.08)	(0.08)	(0.10)	(0.07)	(0.06)	0.08
1932	Dry	3.23	4.36	0.85	2.63	(0.02)	0.00	(0.09)	(0.09)	1.70	1.69	1.65	1.66	1.46
1933	Critical	1.62	1.62	0.52	1.83	0.01	0.59	1.44	1.62	1.82	2.05	2.64	2.50	1.52
1934	Critical	2.94	3.26	4.69	0.94	0.23	(0.24)	(0.71)	(0.80)	(0.88)	(1.05)	0.00	0.00	0.70
1935	Below Normal	(0.89)	(1.63)	(1.29)	0.00	0.00	0.01	0.27	0.30	2.09	1.79	1.79	1.80	0.35
1936	Below Normal	1.79	1.80	1.28	1.72	(0.02)	0.00	0.02	0.01	1.81	1.81	1.80	1.80	1.15
1937	Below Normal	1.80	1.81	1.32	(0.01)	(0.27)	0.00	(0.72)	(0.68)	1.09	1.05	1.05	1.08	0.63
1938	Wet	1.06	1.13	(0.61)	0.19	6.95	1.46	1.14	(0.40)	(0.42)	1.34	1.34	1.36	1.21
1939	Dry	1.36	1.39	1.43	(11.00)	(0.78)	0.00	(4.18)	0.93	11.91	1.80	1.96	2.30	0.59
1940	Above Normal	2.45	2.39	6.45	0.94	(0.75)	(0.32)	(0.02)	(0.01)	1.77	1.78	1.79	1.79	1.52
1941	Wet	1.79	1.79	0.00	0.01	0.00	0.00	0.00	0.00	1.79	1.79	1.79	1.79	0.90
1942	Wet	1.79	1.78	0.00	(21.27)	(0.24)	0.00	0.14	(0.05)	1.75	1.74	1.74	1.76	(0.91)
1943	Wet	1.76	1.75	1.34	(0.94)	(2.45)	0.00	1.17	0.11	1.90	1.90	1.90	1.90	0.86
1944	Dry	1.92	1.89	1.48	0.06	(1.55)	(0.46)	(0.19)	(0.18)	1.22	1.17	1.10	1.12	0.63
1945	Below Normal	1.06	1.06	1.14	1.30	(0.04)	(0.53)	0.07	0.06	1.85	1.86	1.86	1.85	0.96
1946	Below Normal	1.85	1.84	1.39	1.78	0.00	0.15	0.17	0.16	1.96	1.97	1.98	1.96	1.27
1947	Dry	1.96	1.95	1.48	2.00	0.02	(0.17)	(0.07)	0.02	0.97	1.08	0.99	0.89	0.93
1948	Below Normal	0.81	0.83	0.75	0.60	(0.33)	(0.12)	0.01	0.10	0.00	(0.02)	(0.01)	(0.01)	0.22
1949	Dry	(0.01)	(0.01)	(0.01)	(0.03)	0.02	(0.05)	(0.01)	0.01	0.01	0.03	0.01	(0.01)	0.00
1950	Below Normal	(0.03)	(0.02)	(0.05)	(0.22)	(0.20)	(0.06)	(0.01)	0.00	0.94	0.93	0.94	0.93	0.26
1951	Above Normal	0.93	0.93	(0.96)	0.00	0.00	0.00	0.00	0.00	1.79	1.79	1.79	1.79	0.67
1952	Wet	1.79	1.79	1.34	2.62	0.00	0.00	0.00	(0.49)	(0.53)	1.20	1.19	1.34	0.85
1953	Wet	1.47	1.34	1.41	(2.06)	7.18	0.00	(9.14)	(0.49)	1.80	1.46	1.73	2.04	0.56
1954	Above Normal	2.28	2.22	1.98	2.94	1.42	1.67	0.22	0.26	0.91	0.64	0.73	0.72	1.33
1955	Dry	0.70	0.71	0.69	0.83	(0.01)	(0.05)	(0.24)	(0.25)	(0.06)	(0.11)	(0.07)	(0.02)	0.18
1956	Wet	(0.01)	0.01	0.05	(0.11)	0.00	0.00	0.03	0.03	1.82	1.82	1.82	1.82	0.61
1957	Above Normal	1.82	1.82	1.39	3.97	(0.03)	(0.02)	0.02	0.01	1.79	1.79	1.79	1.79	1.35
1958	Wet	1.79	1.79	1.26	1.79	0.00	0.00	0.00	0.00	1.79	1.79	1.79	1.79	1.15
1959	Below Normal	1.79	1.78	1.79	1.94	0.17	(2.03)	(0.81)	(0.86)	(14.49)	1.72	1.66	1.58	(0.48)
1960	Dry	1.57	1.52	1.46	1.19	(0.05)	0.08	0.10	0.00	0.01	(0.12)	(0.02)	(0.38)	0.45
1961	Dry	(0.25)	(0.24)	(0.07)	0.39	0.35	0.14	0.07	0.07	0.08	0.10	0.08	(0.03)	0.06
1962	Below Normal	(0.98)	0.23	0.28	0.00	0.00	0.00	0.00	0.00	1.79	1.79	1.79	1.79	0.56
1963	Wet	1.78	1.79	1.31	1.79	0.00	0.00	0.00	0.00	1.79	1.79	1.79	1.78	1.15
1964	Dry	1.79	1.79	1.30	1.78	(0.07)	0.19	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	0.56
1965	Wet	(0.02)	(0.01)	(0.01)	0.11	0.02	(0.45)	0.01	0.06	1.84	2.04	1.99	1.94	0.63
1966	Below Normal	1.91	1.90	1.42	1.59	(0.21)	(0.12)	0.00	0.01	1.63	1.64	1.64	1.62	1.09
1967	Wet	1.62	1.62	1.50	1.55	(0.02)	(0.01)	0.00	(0.01)	(0.01)	1.78	1.78	1.78	0.97
1968	Below Normal	1.78	0.66	(2.54)	(5.83)	0.08	0.00	1.86	0.13	1.88	2.40	1.99	1.51	0.33
1969	Wet	1.14	1.22	0.35	(14.46)	1.49	0.00	(0.33)	(0.31)	(0.32)	1.46	1.44	1.47	(0.57)
1970	Wet	1.46	1.48	1.51	8.37	(1.55)	0.00	(2.30)	0.14	1.94	1.94	1.95	1.94	1.41
1971	Wet	1.94	1.93	1.47	(6.84)	4.12	0.01	(0.07)	(0.08)	1.36	1.49	1.49	1.48	0.69
1972	Below Normal	1.48	1.48	1.48	1.52	0.06	0.02	(0.01)	(0.01)	(0.01)	(0.03)	(0.02)	(0.01)	0.50
1973	Above Normal	0.00	(0.01)	0.01	0.03	0.03	0.02	0.00	0.01	1.79	1.80	1.79	1.80	0.61
1974	Wet	1.79	1.79	1.33	(6.53)	(6.95)	0.00	3.05	(0.11)	1.66	1.66	1.65	1.69	0.09
1975	Wet	1.72	1.69	1.29	2.13	1.49	(1.97)	0.42	0.40	2.21	2.22	2.24	2.20	1.34
1976	Critical	2.20	2.18	1.69	2.09	0.10	(0.05)	(0.20)	(0.21)	(0.33)	(0.27)	(0.25)	(0.28)	0.56
1977	Critical	(0.25)	(0.24)	(0.18)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	(1.12)	(0.28)	0.60	2.29	3.51	2.53	1.45	0.75
1979	Below Normal	0.64	0.77	(0.55)	(2.61)	(18.32)	(10.26)	9.19	0.48	2.29	2.30	2.31	2.30	(0.96)
1980	Above Normal	2.33	2.26	1.76	(2.89)	(4.72)	0.00	(1.02)	(0.93)	0.80	0.73	0.72	0.86	(0.01)
1981	Dry	0.94	0.89	0.59	0.71	(2.44)	6.04	0.73	0.85	17.44	1.31	1.37	1.98	2.53
1982	Wet	1.94	1.96	1.42	1.80	0.05	0.00	0.01	0.00	1.80	1.79	1.80	1.79	1.20
1983	Wet	(3.93)	5.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.79	1.79	0.45
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.79	1.79	1.79	1.79	0.60
1985	Dry	1.79	1.79	1.34	1.79	0.00	0.00	0.00	0.00	1.53	1.53	1.53	1.53	1.07
1986	Wet	1.53	1.52	1.53	1.53	0.00	(5.91)	5.92	0.01	1.80	1.79	1.80	1.79	1.11
1987	Dry	1.80	1.79	1.15	(3.42)	0.01	0.01	(0.63)	(0.70)	(0.11)	(0.26)	(0.02)	0.17	(0.02)
1988	Critical	0.37	0.41	0.66	0.47	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
1989	Dry	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.04)	(0.05)	(0.04)	0.00	0.00	0.45	0.02
1990	Critical	0.42	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	0.06	0.03
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	0.12	0.00	(0.02)	(0.14)	(0.01)	0.02	1.81	1.97	1.94	1.88	0.63
1994	Critical	1.86	1.85	1.34	1.65	(0.10)	(0.05)	0.01	0.00	0.00	(0.01)	0.00	(0.01)	0.55
1995	Wet	(6.83)	3.20	(0.01)	0.00	0.00	(0.01)	0.00	0.00	1.79	1.79	1.79	1.79	0.29
1996	Wet	1.79	1.79	1.79	(13.03)	(10.32)	(6.16)	(0.83)	(0.80)	0.95	0.90	0.89	0.97	(1.84)
1997	Wet	0.97	1.01	(0.42)	3.25	(0.19)	0.00	0.32	0.12	1.91	1.92	1.92	1.92	1.06
1998	Wet	1.92	1.90	1.47	1.84	(5.33)	2.70	0.01	(0.51)	(0.56)	(0.62)	1.17	1.31	0.44
1999	Wet	2.85	(0.08)	0.83	(2.19)	1.69	0.00	(5.26)	0.10	1.90	1.90	1.90	1.89	0.46
2000	Above Normal	1.90	1.89	1.41	1.89	0.17	(0.55)	(0.15)	0.04	1.81	2.04	1.85	1.65	1.16
2001	Dry	1.49	1.52	0.91	0.98	(0.72)	(0.17)	0.14	0.16	0.43	0.46	0.40	0.36	0.50
2002	Dry	0.31	0.31	0.25	0.25	0.06	(0.02)	(0.13)	(0.13)	(0.13)	(0.14)	(0.13)	(0.13)	0.03
2003	Above Normal	(0.13)	(0.12)	(0.27)	0.37	0.34	0.12	0.00	0.00	1.07	1.07	1.07	1.07	0.38
	Average	1.34	1.57	1.09	(0.10)	(0.61)	(0.46)	0.22	(0.09)	0.68	0.99	1.09	1.06	0.56
	Wet	0.96	1.60	0.83	(1.50)	(0.22)	(0.40)	(0.25)	(0.12)	1.26	1.52	1.67	1.70	0.59
	Above Normal	1.05	1.04	1.05	1.27	(0.42)	(0.20)	(0.25)	0.05	1.60	2.05	1.78	1.46	0.87
	Below Normal	1.05	1.03	0.56	(0.20)	(2.39)	(0.74)	1.70	(0.27)	(2.16)	2.21	2.20	2.12	0.43
	Dry	2.07	2.20	1.70	0.52	(0.21)	(0.79)	0.04	(0.17)	1.78	0.27	0.31	0.42	0.68
	Critical	1.71	1.69	1.42	0.74	(0.17)	(0.04)	0.22	0.14	0.16	(1.57)	(1.00)	(0.98)	0.19

Percent Difference in Energy generated (GWh) at Warne: Alternative2_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%	5%	5%	5%
1923	Below Normal	5%	6%	6%	-10%	-29%	5%	36%	-9%	-91%	28%	30%	34%
1924	Critical	48%	49%	69%	56%	36%	11%	8%	10%	11%	-91%	-89%	-87%
1925	Dry	>1,000%	>1,000%	>1,000%	193%	18%	-58%	10%	-14%	-14%	-14%	-14%	-14%
1926	Dry	-17%	-17%	-20%	23%	1%	4%	8%	6%	7%	7%	7%	7%
1927	Wet	9%	9%	12%	21%	-14%	0%	-1%	-2%	2%	2%	2%	2%
1928	Above Normal	3%	3%	2%	7%	-4%	-8%	-3%	1%	4%	13%	8%	2%
1929	Critical	-3%	-2%	-10%	-23%	-28%	-13%	4%	-3%	-4%	-4%	-4%	-37%
1930	Dry	301%	174%	0%	119%	1%	0%	1%	1%	1%	1%	1%	1%
1931	Critical	4%	4%	7%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	143%	538%	500%	48%	0%	0%	0%	0%	6%	5%	5%	7%
1933	Critical	10%	11%	7%	22%	0%	4%	6%	7%	8%	7%	12%	15%
1934	Critical	51%	84%	>1,000%	13%	3%	-2%	-3%	-4%	-4%	-4%	0%	0%
1935	Below Normal	-6%	-10%	-13%	0%	0%	0%	1%	1%	5%	4%	4%	5%
1936	Below Normal	6%	7%	8%	18%	0%	0%	0%	0%	4%	4%	4%	4%
1937	Below Normal	5%	5%	5%	0%	-1%	0%	-2%	-2%	3%	2%	2%	3%
1938	Wet	3%	4%	-2%	1%	16%	3%	4%	-1%	-1%	4%	3%	4%
1939	Dry	5%	5%	6%	-28%	-2%	0%	-9%	2%	41%	4%	4%	5%
1940	Above Normal	7%	8%	20%	11%	-9%	-2%	0%	0%	4%	4%	4%	5%
1941	Wet	7%	7%	0%	0%	0%	0%	0%	0%	5%	5%	5%	6%
1942	Wet	7%	7%	0%	-43%	-1%	0%	0%	0%	5%	4%	4%	5%
1943	Wet	6%	6%	6%	-3%	-6%	0%	2%	0%	5%	4%	4%	5%
1944	Dry	5%	6%	6%	0%	-6%	-2%	-1%	-1%	4%	3%	4%	5%
1945	Below Normal	7%	8%	16%	12%	0%	-1%	0%	0%	4%	4%	4%	5%
1946	Below Normal	5%	6%	3%	6%	0%	0%	0%	0%	5%	5%	5%	5%
1947	Dry	6%	7%	6%	7%	0%	-1%	0%	0%	2%	2%	2%	2%
1948	Below Normal	3%	3%	4%	3%	-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%	62%	2%	2%	2%
1951	Above Normal	3%	4%	-4%	0%	0%	0%	0%	0%	4%	4%	4%	5%
1952	Wet	5%	6%	5%	6%	0%	0%	0%	-2%	-2%	4%	4%	4%
1953	Wet	6%	6%	4%	-6%	23%	0%	-17%	-1%	5%	4%	4%	6%
1954	Above Normal	8%	9%	11%	12%	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%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1957	Above Normal	5%	5%	5%	12%	0%	0%	0%	0%	106%	4%	4%	5%
1958	Wet	7%	7%	8%	48%	0%	0%	0%	0%	4%	4%	4%	4%
1959	Below Normal	5%	5%	6%	5%	0%	-4%	-2%	-2%	-42%	4%	4%	4%
1960	Dry	6%	6%	9%	13%	-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%	113%	4%	4%	5%
1963	Wet	6%	7%	8%	9%	0%	0%	0%	0%	5%	4%	4%	5%
1964	Dry	6%	6%	3%	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%	7%	6%	4%	-1%	0%	0%	0%	4%	4%	4%	5%
1967	Wet	7%	7%	10%	22%	0%	0%	0%	0%	0%	4%	4%	4%
1968	Below Normal	5%	2%	-8%	-13%	0%	0%	4%	0%	5%	6%	5%	4%
1969	Wet	4%	5%	2%	-38%	3%	0%	-1%	-1%	-1%	4%	4%	4%
1970	Wet	4%	7%	7%	24%	-4%	0%	-6%	0%	5%	5%	5%	5%
1971	Wet	6%	6%	6%	-15%	12%	0%	0%	0%	4%	3%	4%	5%
1972	Below Normal	6%	7%	11%	35%	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%	6%	5%	-15%	-14%	0%	7%	0%	4%	4%	4%	4%
1975	Wet	5%	6%	5%	6%	5%	-4%	1%	1%	5%	5%	5%	5%
1976	Critical	6%	7%	6%	7%	0%	0%	-1%	-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%	9%	6%	4%
1979	Below Normal	2%	3%	-2%	-9%	-45%	-19%	26%	1%	6%	6%	6%	6%
1980	Above Normal	7%	8%	7%	-9%	-10%	0%	-3%	-3%	2%	2%	2%	2%
1981	Dry	3%	3%	3%	2%	-7%	17%	2%	2%	331%	3%	3%	5%
1982	Wet	6%	7%	8%	10%	0%	0%	0%	0%	4%	4%	4%	5%
1983	Wet	-10%	16%	0%	0%	0%	0%	0%	0%	0%	0%	8%	6%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1985	Dry	5%	6%	3%	7%	0%	0%	0%	0%	4%	4%	4%	4%
1986	Wet	5%	5%	6%	6%	0%	-11%	16%	0%	4%	4%	4%	5%
1987	Dry	5%	6%	4%	-10%	0%	0%	-3%	-3%	-1%	-1%	0%	1%
1988	Critical	12%	34%	413%	9%	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	2%	0%	0%	13%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	1%	0%	0%	0%	0%	0%	5%	4%	4%	5%
1994	Critical	6%	7%	6%	7%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	-57%	7%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1996	Wet	5%	5%	6%	-34%	-25%	-13%	-2%	-2%	2%	2%	2%	2%
1997	Wet	3%	3%	-2%	8%	0%	0%	1%	0%	5%	5%	5%	5%
1998	Wet	6%	7%	6%	5%	-11%	5%	0%	-1%	-2%	-2%	3%	4%
1999	Wet	8%	0%	3%	-6%	4%	0%	-12%	0%	5%	4%	4%	5%
2000	Above Normal	6%	6%	5%	6%	1%	-2%	0%	0%	5%	4%	4%	5%
2001	Dry	5%	6%	5%	8%	-6%	-1%	1%	1%	2%	2%	2%	2%
2002	Dry	10%	23%	208%	278%	1%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	-1%	9%	4%	1%	0%	0%	79%	2%	2%	3%
	Average	9%	15%	18%	12%	-1%	-1%	1%	0%	10%	2%	2%	2%
	Wet	2%	6%	4%	0%	0%	-1%	0%	0%	3%	4%	4%	5%
	Above Normal	3%	4%	4%	9%	-1%	-1%	-1%	0%	19%	5%	4%	4%
	Below Normal	3%	4%	3%	4%	-6%	-1%	5%	-1%	6%	5%	5%	6%
	Dry	27%	43%	41%	38%	0%	-2%	0%	0%	21%	1%	1%	1%
	Critical	11%	16%	42%	9%	1%	0%	1%	1%	1%	-8%	-7%	-9%

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: Alternative2_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	0.84	0.77	0.57	0.79	0.99	1.86	1.94	0.15	1.30	11.99
1925	Dry	0.98	0.79	0.76	0.31	0.29	0.48	1.43	2.37	2.88	3.00	2.53	1.86	17.68
1926	Dry	0.94	0.70	0.63	0.30	0.30	0.58	1.04	2.60	3.15	3.29	2.77	2.03	18.33
1927	Wet	1.03	0.77	0.69	0.39	0.55	1.05	1.76	2.46	3.03	3.15	2.79	1.95	19.62
1928	Above Normal	1.46	0.98	0.89	1.72	1.58	0.90	1.78	2.67	3.27	3.40	2.93	2.10	23.68
1929	Critical	1.31	0.92	0.83	0.91	0.83	0.54	0.61	0.76	1.43	1.50	1.32	0.65	11.61
1930	Dry	0.40	0.34	0.36	0.23	0.28	0.42	1.17	1.78	2.49	2.60	2.23	1.43	13.73
1931	Critical	0.77	0.61	0.58	0.23	0.24	0.35	0.81	1.01	1.90	1.98	1.75	0.87	11.10
1932	Dry	0.54	0.46	0.49	0.26	0.38	0.52	1.25	2.03	2.57	2.68	2.27	1.60	15.05
1933	Critical	0.82	0.62	0.57	0.23	0.26	0.49	1.01	1.55	2.40	2.50	2.16	1.27	13.88
1934	Critical	0.72	0.58	0.58	0.23	0.22	0.37	0.84	1.05	1.96	2.05	1.80	0.90	11.30
1935	Below Normal	0.56	0.47	0.51	0.23	0.30	0.50	1.72	2.86	3.46	3.62	3.04	2.24	19.51
1936	Below Normal	1.14	0.85	0.76	0.25	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	1.70	1.43	2.22	3.03	3.73	3.88	3.43	2.40	27.03
1938	Wet	1.81	1.23	1.11	2.24	2.54	1.72	2.34	3.20	3.94	4.10	3.63	2.54	30.40
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	1.16	0.85	0.76	0.26	0.26	0.70	1.70	2.87	3.48	3.63	3.06	2.25	20.98
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	4.27	3.77	2.64	25.83
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	2.61	3.18	3.32	2.83	2.06	25.24
1969	Wet	1.17	0.84	0.75	1.07	1.29	1.13	2.16	2.93	3.58	3.71	3.31	2.31	24.25
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	0.33	1.49	1.28	0.21	0.47	0.91	1.74	2.48	3.04	3.17	2.77	1.96	19.85
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	2.02	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	1.08	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	1.20	1.22	1.14	1.79	2.46	3.03	3.15	2.79	1.95	22.88
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	2.05	2.93	3.61	3.75	3.32	2.32	27.58
1999	Wet	1.94	1.37	1.26	2.28	2.32	1.51	1.75	2.50	3.08	3.21	2.83	1.98	26.03
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	0.38	0.46	0.94	1.17	2.19	2.29	2.01	1.01	13.70
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	0.91	0.83	1.14	1.14	0.99	1.61	2.39	3.00	3.13	2.69	1.93	21.02
	Wet	1.45	1.00	0.91	1.62	1.65	1.34	1.97	2.75	3.38	3.52	3.11	2.18	24.87
	Above Normal	1.26	0.99	0.89	1.03	1.14	1.06	1.74	2.64	3.18	3.38	2.92	2.09	22.30
	Below Normal	1.31	0.92	0.85	1.17	1.13	1.07	1.67	2.64	3.22	3.36	2.89	2.08	22.29
	Dry	1.16	0.83	0.79	0.92	0.84	0.72	1.47	2.32	2.94	3.07	2.63	1.83	19.53
	Critical	0.94	0.70	0.65	0.53	0.50	0.47	0.85	1.19	1.81	1.87	1.43	1.23	12.17

Difference in Energy Use (GWh) At Pumping Plant at Badger Hill: Alternative2_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	0.34	0.30	0.10	0.09	0.11	0.21	0.22	(1.37)	0.55	0.05
1925	Dry	0.51	0.40	0.34	0.09	0.07	(0.30)	(0.28)	(0.46)	(0.55)	(0.58)	(0.48)	(0.36)	(0.13)
1926	Dry	(0.19)	(0.14)	(0.13)	0.06	0.02	0.02	0.08	0.14	0.18	0.19	0.16	0.11	0.04
1927	Wet	0.05	0.04	0.03	(0.01)	(0.04)	(0.02)	(0.03)	(0.05)	(0.06)	(0.06)	(0.05)	(0.04)	(0.02)
1928	Above Normal	(0.03)	(0.02)	(0.01)	(0.04)	(0.05)	(0.04)	0.03	0.26	0.30	0.32	0.21	0.19	0.09
1929	Critical	(0.10)	(0.04)	(0.04)	(0.53)	(0.47)	(0.16)	0.03	(0.03)	(0.06)	(0.05)	(0.05)	(0.03)	(0.13)
1930	Dry	(0.02)	(0.01)	(0.02)	0.01	0.01	0.00	0.00	0.03	0.01	0.01	0.01	0.02	0.00
1931	Critical	0.00	0.01	0.00	0.01	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	(0.01)	0.00
1932	Dry	0.00	0.00	0.00	0.01	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	0.00	(0.01)	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.02	0.06	0.18	0.09	0.09	0.06	0.12	0.05
1934	Critical	0.04	0.02	0.00	0.00	0.01	(0.02)	(0.04)	(0.05)	(0.09)	(0.09)	(0.08)	(0.04)	(0.03)
1935	Below Normal	(0.03)	(0.02)	(0.02)	0.00	0.00	0.00	0.02	0.03	0.02	0.03	0.02	0.02	0.01
1936	Below Normal	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
1937	Below Normal	0.00	0.00	0.00	0.00	(0.02)	0.47	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	0.32	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	0.01	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)	(0.03)	(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	0.01	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	0.07	0.07	0.07	0.05	0.05	0.02
1969	Wet	(0.02)	0.00	(0.01)	(0.12)	0.34	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	(0.76)	0.68	0.54	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)	(0.02)	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)	(0.01)	(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	(0.94)	(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	(0.01)	(0.38)	(0.46)	(0.48)	(0.43)	(0.30)	(0.17)
1999	Wet	(0.04)	(0.17)	(0.16)	(0.18)	(0.15)	(0.22)	0.00	0.01	0.01	0.02	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)	(0.05)	(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)	(0.02)	(0.01)	(0.03)	(0.00)	(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	(0.06)	0.06	0.05	0.01	0.01	0.05	0.02	0.06	0.03	0.09	0.07	0.06	0.04
	Below Normal	0.01	0.01	0.01	(0.01)	(0.00)	0.04	(0.00)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00
	Dry	0.01	0.01	0.00	(0.02)	(0.02)	(0.02)	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)
	Critical	(0.00)	(0.00)	(0.00)	(0.02)	(0.01)	(0.01)	0.01	0.02	0.01	(0.01)	(0.12)	0.02	(0.01)

Percent Difference in Energy Use (GWh) At Pumping Plant at Badger Hill: Alternative2_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%	68%	64%	21%	13%	13%	13%	13%	-90%	73%
1925	Dry	109%	103%	81%	41%	32%	-38%	-16%	-16%	-16%	-16%	-16%	-16%
1926	Dry	-17%	-17%	-17%	25%	7%	4%	8%	6%	6%	6%	6%	6%
1927	Wet	5%	5%	5%	-3%	-7%	-2%	-2%	-2%	-2%	-2%	-2%	-2%
1928	Above Normal	-2%	-2%	-1%	-2%	-3%	-4%	2%	11%	10%	10%	8%	10%
1929	Critical	-7%	-4%	-5%	-37%	-36%	-23%	5%	-4%	-4%	-3%	-4%	-4%
1930	Dry	-5%	-3%	-5%	5%	4%	0%	0%	2%	0%	0%	0%	1%
1931	Critical	0%	2%	0%	5%	0%	-3%	-1%	-1%	-1%	-1%	0%	-1%
1932	Dry	0%	0%	0%	4%	0%	0%	-1%	0%	0%	0%	0%	-1%
1933	Critical	0%	0%	0%	0%	0%	4%	6%	13%	4%	4%	3%	10%
1934	Critical	6%	4%	0%	0%	5%	-5%	-5%	-5%	-4%	-4%	-4%	-4%
1935	Below Normal	-5%	-4%	-4%	0%	0%	0%	1%	1%	1%	1%	1%	1%
1936	Below Normal	1%	0%	0%	-4%	0%	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%	23%	0%	-6%	-5%	-5%	-5%	0%
1939	Dry	0%	0%	0%	0%	-1%	-2%	1%	0%	0%	0%	0%	0%
1940	Above Normal	1%	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%	-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%	2%	2%	2%	2%
1969	Wet	-2%	0%	-1%	-10%	36%	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	-70%	84%	73%	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%	-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%	-44%	-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%	-11%	-11%	-7%	-6%	-13%	0%	0%	0%	1%	0%	1%
2000	Above Normal	1%	0%	1%	1%	1%	0%	0%	1%	1%	1%	0%	0%
2001	Dry	-2%	0%	0%	-11%	-12%	-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%	2%	2%	0%	0%	0%	0%	0%	0%	0%	-1%	1%
	Wet	0%	0%	0%	-3%	-1%	-1%	0%	-1%	-1%	-1%	-1%	-1%
	Above Normal	-5%	8%	7%	1%	1%	4%	1%	3%	1%	3%	3%	3%
	Below Normal	1%	1%	1%	-1%	-1%	4%	0%	0%	0%	0%	0%	0%
	Dry	4%	4%	3%	2%	0%	-3%	-1%	-1%	-1%	-1%	-1%	-1%
	Critical	0%	0%	-1%	3%	3%	-1%	1%	1%	1%	-1%	-8%	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: Alternative2_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	41.95	42.34	44.19	39.28	456.03
1923	Below Normal	35.47	31.76	27.22	51.50	49.72	58.46	46.57	20.09	3.34	54.38	55.30	48.85	482.66
1924	Critical	40.97	36.56	30.37	27.42	24.76	17.93	22.34	27.17	23.24	2.84	1.78	1.47	256.85
1925	Dry	24.64	33.63	36.27	8.46	9.65	14.35	31.94	36.86	37.74	40.26	40.32	35.24	349.36
1926	Dry	26.59	23.44	18.18	11.93	12.30	18.36	26.74	39.86	40.48	43.12	43.32	37.81	342.13
1927	Wet	28.74	25.30	19.61	10.98	15.53	35.34	40.56	40.29	43.07	43.30	44.78	40.25	387.75
1928	Above Normal	36.78	33.05	28.63	46.36	43.17	26.02	40.44	43.27	38.73	48.02	48.72	43.28	476.47
1929	Critical	36.53	32.69	27.30	28.92	26.19	17.21	17.90	21.52	21.73	21.85	19.49	5.51	276.84
1930	Dry	12.84	8.85	6.98	5.73	8.93	12.69	28.45	33.53	34.12	35.40	34.00	29.39	250.91
1931	Critical	19.62	16.27	12.32	8.66	9.98	11.92	22.97	27.94	28.50	28.58	25.44	9.65	221.85
1932	Dry	11.10	14.75	10.73	7.56	10.35	15.56	28.86	33.52	35.61	37.60	37.23	32.65	275.52
1933	Critical	23.98	20.94	15.19	11.08	10.62	14.79	26.52	32.95	34.09	34.96	32.75	28.23	286.10
1934	Critical	17.25	12.04	13.48	8.56	8.78	11.84	23.62	28.71	29.35	29.37	1.80	1.47	186.27
1935	Below Normal	19.51	29.16	21.70	7.09	9.83	14.46	37.55	43.96	31.16	52.49	52.59	46.23	365.73
1936	Below Normal	35.82	31.99	24.81	13.11	13.99	43.07	38.01	42.77	45.64	45.89	47.51	42.70	425.31
1937	Below Normal	39.18	35.24	30.58	45.70	49.96	54.64	36.78	40.37	43.19	43.61	45.22	40.22	504.69
1938	Wet	36.43	32.73	26.80	51.48	49.73	54.44	34.95	38.17	39.18	41.50	43.47	38.34	487.22
1939	Dry	34.36	30.73	27.60	53.62	50.00	57.79	38.24	42.66	25.32	51.45	37.98	50.18	499.93
1940	Above Normal	40.42	18.77	42.28	7.72	7.34	19.40	37.03	44.01	39.32	50.70	50.89	44.65	402.53
1941	Wet	34.69	30.87	22.60	16.24	21.10	50.26	31.10	35.33	37.89	38.47	40.23	35.50	394.28
1942	Wet	31.63	28.31	22.58	51.50	49.73	58.42	45.49	37.59	40.32	40.68	42.36	37.82	486.43
1943	Wet	34.24	30.66	26.32	44.60	49.69	48.78	44.21	42.42	45.20	45.66	47.49	42.42	501.69
1944	Dry	38.68	34.72	30.01	34.74	30.75	21.01	29.16	34.20	35.81	37.70	36.96	32.30	396.04
1945	Below Normal	23.10	19.84	15.50	12.28	11.87	49.14	37.96	41.09	43.95	44.20	45.69	41.08	385.70
1946	Below Normal	37.58	33.76	38.66	48.73	35.20	38.30	39.01	39.03	41.70	42.01	43.67	39.22	476.87
1947	Dry	35.69	32.05	27.63	46.89	43.72	28.27	40.27	43.39	45.00	46.74	47.41	42.02	479.08
1948	Below Normal	35.00	31.23	25.84	26.74	24.47	16.38	24.64	31.92	3.73	50.88	50.81	44.49	366.13
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	11.14	13.69	34.00	39.27	2.55	51.60	51.32	44.84	348.61
1951	Above Normal	34.50	30.48	27.24	51.20	45.58	54.56	35.17	40.11	42.90	43.09	44.81	40.25	489.89
1952	Wet	36.72	32.96	28.45	53.31	51.19	37.68	32.64	32.75	33.20	35.75	37.45	33.01	445.11
1953	Wet	29.19	26.01	41.04	53.36	49.71	54.47	39.70	37.20	39.57	40.72	41.91	37.39	490.27
1954	Above Normal	32.41	28.95	24.09	37.41	35.57	34.39	37.62	43.70	44.63	45.32	48.65	42.54	455.28
1955	Dry	32.75	28.96	22.66	12.56	13.99	18.63	31.34	36.26	36.57	39.10	39.27	34.28	346.37
1956	Wet	25.74	22.58	17.40	37.17	46.90	55.46	40.29	43.77	46.75	46.99	48.90	43.86	475.81
1957	Above Normal	40.23	36.16	31.33	53.77	49.34	33.20	31.34	27.43	3.60	50.20	49.80	43.72	450.12
1958	Wet	33.62	29.81	23.04	11.50	24.15	50.08	40.23	43.97	46.94	47.38	49.44	43.89	444.05
1959	Below Normal	40.06	35.91	31.42	53.78	50.07	52.88	34.95	40.27	15.97	50.23	50.17	44.09	499.80
1960	Dry	34.04	30.25	23.78	11.70	10.69	14.45	39.82	45.58	33.97	51.59	40.61	48.88	385.36
1961	Dry	38.53	34.21	27.06	14.55	15.17	14.52	33.84	39.04	39.47	42.05	36.11	23.97	358.52
1962	Below Normal	6.80	34.08	37.63	5.97	7.00	18.17	34.23	39.85	3.88	53.19	53.00	46.46	340.26
1963	Wet	35.98	31.95	24.87	23.15	24.77	33.18	38.27	38.55	41.17	41.46	43.12	38.74	415.21
1964	Dry	35.26	31.61	39.10	41.38	25.73	27.33	40.98	40.04	40.96	41.21	42.79	38.25	444.64
1965	Wet	34.83	31.04	27.10	41.75	44.00	35.82	37.67	37.50	38.19	40.89	42.30	37.88	448.97
1966	Below Normal	33.89	30.32	25.83	48.16	48.12	37.12	36.16	41.26	40.72	46.40	47.17	41.32	476.47
1967	Wet	32.58	28.86	22.87	15.01	27.18	34.65	41.02	40.94	41.87	44.16	45.94	41.01	416.09
1968	Below Normal	37.32	32.30	29.30	53.34	51.46	53.77	42.44	39.52	41.91	43.89	44.81	39.49	509.55
1969	Wet	32.18	28.58	22.76	28.82	49.52	56.02	34.58	38.39	39.22	41.63	43.70	38.61	454.01
1970	Wet	37.43	28.41	26.89	51.53	49.75	56.80	36.33	40.19	42.99	43.20	44.87	40.29	498.68
1971	Wet	36.80	33.01	28.52	53.31	49.66	42.63	34.70	40.80	41.71	45.68	46.25	40.42	493.49
1972	Below Normal	31.23	27.63	21.74	12.61	21.45	30.54	37.16	41.86	42.34	44.73	45.35	39.64	396.28
1973	Above Normal	31.31	27.63	21.89	16.44	31.12	41.26	36.81	41.31	44.20	44.28	45.92	41.25	423.42
1974	Wet	37.76	33.91	29.37	53.32	49.70	50.93	43.98	40.23	43.14	43.33	45.14	40.40	511.21
1975	Wet	36.76	32.92	28.37	52.67	49.63	48.08	41.55	40.75	43.61	43.71	45.22	40.71	503.98
1976	Critical	37.17	33.41	28.98	46.33	43.62	28.03	35.07	40.79	18.73	48.55	36.78	46.19	443.65
1977	Critical	35.49	31.47	24.49	10.38	10.74	11.20	11.76	2.53	1.67	2.09	1.85	1.49	145.16
1978	Above Normal	0.63	8.27	26.92	5.92	10.52	27.62	37.61	38.56	41.15	41.97	43.10	38.43	320.70
1979	Below Normal	33.68	30.08	25.36	38.16	35.37	40.93	40.14	39.52	42.34	42.49	44.00	39.47	451.54
1980	Above Normal	35.88	32.18	27.82	44.33	51.43	57.64	32.50	36.54	39.16	39.74	41.51	36.73	475.46
1981	Dry	32.93	29.46	25.12	53.53	50.01	41.85	35.18	41.58	17.56	52.22	46.65	47.69	473.78
1982	Wet	37.00	33.03	25.61	21.93	23.93	56.65	41.72	41.14	45.31	45.73	47.78	42.35	462.18
1983	Wet	38.48	37.92	53.94	51.53	49.74	55.99	29.27	30.93	36.30	36.78	32.86	32.55	486.29
1984	Wet	31.24	28.15	54.12	51.54	51.51	56.15	35.50	40.62	43.31	43.66	45.36	40.79	521.95
1985	Dry	37.22	33.45	38.99	47.54	46.71	43.49	38.36	38.33	40.87	41.01	42.45	38.11	486.53
1986	Wet	34.67	31.10	27.28	43.94	39.63	44.94	41.38	41.70	44.63	44.96	46.96	41.69	482.88
1987	Dry	37.92	34.11	29.12	53.80	49.68	27.90	24.49	29.91	31.41	31.22	28.00	23.97	401.53
1988	Critical	13.29	9.66	8.05	6.81	9.17	10.40	17.72	21.01	21.25	21.40	19.02	16.17	173.95
1989	Dry	7.99	5.87	4.97	4.07	8.00	10.36	38.68	45.54	34.63	51.49	46.30	46.83	304.73
1990	Critical	36.13	32.03	24.96	10.92	11.73	13.08	22.32	27.01	27.66	27.66	24.62	20.97	279.09
1991	Critical	11.03	7.80	6.54	5.57	7.73	10.16	17.98	20.00	13.02	24.84	21.89	18.80	165.36
1992	Critical	9.38	5.96	6.04	4.92	7.36	9.77	17.77	21.08	21.24	1.91	1.80	16.74	123.97
1993	Above Normal	22.19	2.04	27.00	6.38	19.20	28.87	37.74	39.88	29.27	46.22	47.29	42.07	348.15
1994	Critical	35.85	32.08	26.46	32.71	29.55	23.93	32.26	37.18	31.63	41.22	13.47	36.88	373.22
1995	Wet	8.24	24.42	45.83	5.91	16.76	25.66	43.70	43.04	45.96	46.34	48.20	43.04	397.10
1996	Wet	39.33	35.32	31.02	26.86	30.16	35.48	40.89	39.94	42.70	42.95	44.58	40.03	449.26
1997	Wet	36.53	32.82	27.29	51.44	49.68	58.30	37.16	38.72	41.37	41.77	43.59	38.83	497.50
1998	Wet	35.07	31.43	26.94	52.94	49.71	51.59	37.82	37.62	38.43	39.04	42.67	37.82	481.08
1999	Wet	38.57	35.05	34.54	53.35	49.70	49.75	37.06	40.23	42.94	43.37	45.12	40.51	510.19
2000	Above Normal	36.97	33.22	28.66	49.02	45.56	35.47	38.20	43.52	45.78	48.63	49.04	43.13	497.20
2001	Dry	34.22	30.50	24.01	17.49	15.34	14.91	25.71	31.70	32.83	32.92	29.43	25.09	314.15
2002	Dry	13.76	10.00	8.10	5.59	11.62	19.11	41.61	40.54	41.37	41.75	43.17	38.68	315.30
2003	Above Normal	35.19	22.41	36.46	7.70	12.56	19.15	32.24	37.28	5.81	48.28	48.10	42.22	347.40
	Average	31.25	28.06	26.28	29.54	30.21	33.70	34.63	37.09	34.43	41.11	40.33	36.50	403.14
	Wet	33.63	30.66	29.43	38.81	40.88	47.60	38.53	39.34	41.73	42.66	44.22	39.54	467.03
	Above Normal	33.86	26.86	30.11	28.34	30.79	33.97	36.34	39.56	34.71	45.73	46.84	41.46	428.55
	Below Normal	31.62	30.97	27.19	30.57	29.98	37.25	37.11	38.63	28.74	47.57	48.33	42.72	430.69
	Dry	29.03	26.49	23.55	24.61	23.63	23.15	34.11	38.63	35.96	42.32	39.87	36.99	378.35
	Critical	26.39	22.58	18.68	16.86	16.69	15.02	22.35	25.66	22.68	23.77	16.72	16.96	244.36

Difference in Energy Use (GWh) At Pumping Plant at Buena Vista: Alternative2_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	3.35	3.46	3.73	3.22	1.71
1923	Below Normal	3.01	2.84	2.13	0.05	0.05	8.82	11.07	(20.07)	(37.05)	11.50	11.54	10.62	0.38
1924	Critical	10.71	9.92	9.25	9.75	7.32	2.75	2.03	2.70	(1.70)	(22.07)	(20.41)	(17.42)	(0.60)
1925	Dry	15.03	26.66	30.40	3.45	1.87	(10.37)	(1.33)	(6.58)	(6.10)	(6.52)	(6.70)	(5.78)	2.84
1926	Dry	(4.76)	(4.24)	(3.33)	1.07	(0.11)	0.78	0.85	2.17	2.50	2.65	2.63	2.34	0.21
1927	Wet	1.97	1.81	1.52	0.98	(0.61)	0.16	(0.67)	(0.77)	1.05	1.05	1.01	1.09	0.72
1928	Above Normal	1.10	1.17	0.75	1.98	(0.63)	(1.19)	(0.88)	2.59	(2.77)	6.23	5.60	4.66	1.55
1929	Critical	1.61	1.45	0.03	(11.69)	(11.68)	(4.06)	0.76	(0.86)	(0.91)	(0.89)	(0.79)	(11.28)	(3.19)
1930	Dry	4.05	2.44	1.57	1.27	0.15	0.44	0.07	0.02	0.00	0.05	0.15	0.15	0.86
1931	Critical	0.23	0.27	0.21	0.28	0.21	0.28	(0.09)	(0.12)	(0.12)	(0.12)	(0.11)	(11.87)	(0.91)
1932	Dry	0.02	6.28	3.74	1.12	0.12	0.37	(0.03)	(0.01)	1.86	1.83	1.80	1.80	1.58
1933	Critical	1.77	1.76	0.59	1.89	0.02	0.55	0.73	0.51	0.81	1.24	1.90	1.82	1.13
1934	Critical	1.68	0.27	4.70	0.97	0.35	(0.28)	(0.93)	(1.22)	(1.30)	(1.28)	(3.50)	0.00	(0.04)
1935	Below Normal	2.52	(1.50)	(1.16)	(0.09)	(0.07)	(0.02)	0.27	0.33	3.58	1.94	1.96	1.94	0.81
1936	Below Normal	1.93	1.93	1.39	1.85	(0.02)	(1.22)	0.02	0.01	1.88	1.88	1.88	1.88	1.12
1937	Below Normal	1.88	1.88	1.38	0.00	0.00	5.69	(0.58)	(0.56)	1.28	1.29	1.29	1.32	1.24
1938	Wet	1.30	1.35	(0.49)	0.00	0.00	(1.24)	0.31	(2.28)	(2.30)	1.03	(0.43)	1.53	(0.10)
1939	Dry	1.52	1.55	1.57	1.95	0.09	(1.08)	(3.77)	0.64	6.10	1.72	1.21	1.84	1.11
1940	Above Normal	2.08	(4.33)	4.57	0.57	(1.13)	(0.35)	(0.02)	(0.01)	1.78	1.86	1.86	1.86	0.73
1941	Wet	1.86	1.86	0.00	0.00	0.00	(1.77)	0.00	0.00	1.86	1.87	1.87	1.87	0.78
1942	Wet	1.87	1.87	0.00	0.00	0.00	(0.21)	0.03	(0.13)	1.73	1.72	1.70	1.74	0.86
1943	Wet	1.76	1.77	1.37	0.54	0.00	0.82	0.84	(0.03)	1.82	1.80	1.78	1.82	1.19
1944	Dry	1.85	1.85	1.44	(2.98)	(4.35)	(1.49)	(0.08)	(0.05)	1.41	1.36	1.30	1.31	0.13
1945	Below Normal	1.24	1.22	1.27	1.38	(0.03)	(4.36)	0.06	0.05	1.92	1.92	1.92	1.91	0.71
1946	Below Normal	1.92	1.91	1.67	1.87	0.00	0.13	0.16	0.16	2.04	2.04	2.05	2.03	1.33
1947	Dry	2.03	2.02	1.53	2.15	0.06	(0.05)	(0.04)	0.11	1.11	1.17	1.15	1.11	1.03
1948	Below Normal	0.97	0.97	0.92	0.38	(0.56)	(0.21)	0.03	0.73	(0.10)	0.05	0.06	0.04	0.27
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)	(0.29)	(0.10)	0.00	0.00	0.98	0.97	0.97	0.98	0.26
1951	Above Normal	0.98	0.97	(0.41)	0.00	0.00	0.00	0.00	0.00	1.87	1.86	1.87	1.86	0.75
1952	Wet	1.86	1.86	1.39	1.86	0.00	0.00	(0.01)	(1.32)	(1.39)	0.39	0.14	0.55	0.44
1953	Wet	0.71	0.78	3.40	1.83	(0.03)	(4.21)	(7.96)	(0.70)	1.57	1.39	1.43	1.56	(0.02)
1954	Above Normal	1.94	1.97	1.62	3.86	1.90	1.39	0.25	0.32	2.25	0.48	0.87	0.84	1.47
1955	Dry	0.82	0.80	0.78	0.79	0.01	(0.05)	(0.23)	(0.28)	(0.07)	(0.10)	(0.10)	(0.05)	0.19
1956	Wet	(0.01)	0.01	0.05	(5.99)	0.01	0.01	0.02	0.03	1.90	1.89	1.89	1.89	0.14
1957	Above Normal	1.89	1.89	1.45	1.86	(0.01)	(0.02)	0.02	0.12	1.87	1.87	1.87	1.87	1.22
1958	Wet	1.87	1.87	1.32	1.87	0.00	(0.06)	0.00	0.00	1.87	1.87	1.87	1.86	1.20
1959	Below Normal	1.86	1.86	1.86	1.89	0.00	(1.08)	(0.83)	(1.01)	(5.44)	1.43	1.32	1.37	0.27
1960	Dry	1.32	1.34	1.31	1.15	(0.14)	0.07	0.05	(0.10)	1.44	(0.45)	1.17	(0.92)	0.52
1961	Dry	(0.56)	(0.55)	(0.38)	0.67	0.60	0.24	0.07	0.08	0.09	0.09	0.42	(0.04)	0.06
1962	Below Normal	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	1.86	1.87	1.87	0.62
1963	Wet	1.87	1.87	1.36	1.87	0.00	0.00	0.00	0.00	1.86	1.87	1.87	1.86	1.20
1964	Dry	1.87	1.86	1.37	1.87	(0.02)	0.09	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	0.58
1965	Wet	(0.01)	(0.02)	(0.02)	0.15	0.09	(0.23)	0.02	0.08	1.27	2.09	2.08	2.05	0.63
1966	Below Normal	2.00	1.98	1.50	1.61	(0.26)	(0.12)	0.00	0.01	1.66	1.70	1.70	1.70	1.12
1967	Wet	1.70	1.69	1.57	1.63	(0.03)	(0.01)	0.01	(0.05)	(0.04)	1.81	1.81	1.82	0.99
1968	Below Normal	1.83	0.67	0.02	1.87	(0.01)	(1.47)	1.79	0.59	2.40	2.69	2.62	2.42	1.29
1969	Wet	1.80	1.77	1.01	(8.26)	0.07	(0.01)	(0.27)	(0.26)	(0.27)	1.60	1.59	1.60	0.03
1970	Wet	1.73	1.62	1.64	0.00	0.00	(0.14)	(0.97)	0.15	2.01	2.02	2.02	2.00	1.01
1971	Wet	2.00	1.99	1.51	1.86	0.00	0.07	(0.08)	(0.10)	0.86	1.53	1.51	1.52	1.06
1972	Below Normal	1.52	1.52	1.52	1.55	0.03	0.00	(0.01)	(0.02)	(0.02)	(0.03)	(0.02)	(0.02)	0.50
1973	Above Normal	(0.01)	(0.01)	0.00	0.05	0.04	0.09	(0.07)	0.01	1.87	1.87	1.87	1.87	0.63
1974	Wet	1.87	1.87	1.38	1.87	0.00	(2.54)	2.28	(0.35)	1.50	1.47	1.43	1.54	1.03
1975	Wet	1.57	1.61	1.24	0.97	(0.37)	(1.76)	0.40	0.40	2.28	2.28	2.30	2.25	1.10
1976	Critical	2.25	2.22	1.71	2.30	0.32	0.06	(0.19)	(0.23)	(0.17)	(0.27)	0.15	(0.36)	0.65
1977	Critical	(0.30)	(0.28)	(0.23)	(0.04)	(0.03)	(0.01)	1.11	0.00	0.02	0.00	(0.01)	0.00	0.02
1978	Above Normal	0.00	(0.36)	0.22	0.00	0.01	(0.68)	(0.05)	1.39	3.18	3.80	3.55	3.17	1.19
1979	Below Normal	1.84	1.78	0.75	(5.34)	(12.71)	(1.18)	4.59	0.28	2.15	2.13	2.11	2.15	(0.12)
1980	Above Normal	2.18	2.16	1.68	(1.86)	0.00	1.63	(1.73)	(1.41)	0.38	0.33	0.13	0.43	0.33
1981	Dry	0.53	0.62	0.41	2.90	(0.07)	4.56	0.78	1.00	8.65	1.72	0.23	2.30	1.97
1982	Wet	2.25	2.20	1.64	2.00	0.14	0.01	0.01	0.01	1.87	1.88	1.87	1.87	1.31
1983	Wet	(0.79)	2.67	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	1.87	0.47
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.87	1.87	1.87	1.86	0.62
1985	Dry	1.87	1.86	1.39	1.86	0.00	0.00	0.00	0.01	1.59	1.60	1.59	1.59	1.11
1986	Wet	1.60	1.59	1.59	1.60	0.00	(13.14)	3.00	0.02	1.89	1.88	1.89	1.88	0.32
1987	Dry	1.88	1.87	1.20	1.86	0.00	0.01	(0.81)	(1.07)	(0.45)	(0.44)	(0.32)	(0.17)	0.30
1988	Critical	0.13	0.25	0.40	0.53	(0.08)	(0.03)	0.00	0.00	0.01	0.00	0.00	0.00	0.10
1989	Dry	0.01	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.04)	(0.04)	(0.26)	0.00	(1.36)	0.43	(0.11)
1990	Critical	0.34	0.32	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	(0.45)	0.00	0.12	0.09	0.09	(0.01)
1992	Critical	0.05	(0.41)	0.30	0.17	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.12)	0.00
1993	Above Normal	(0.12)	(0.18)	0.42	0.00	(0.02)	(0.09)	0.00	0.05	1.40	2.03	2.02	2.00	0.63
1994	Critical	1.95	1.94	1.43	1.64	(0.20)	(0.08)	0.00	0.00	0.06	(0.01)	0.00	0.00	0.56
1995	Wet	0.00	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	1.87	1.86	1.86	1.87	0.62
1996	Wet	1.87	1.87	1.86	(21.25)	(19.23)	(8.68)	(0.84)	(0.86)	0.95	0.95	0.93	1.05	(3.45)
1997	Wet	1.07	1.15	(0.35)	(0.01)	(0.01)	0.06	0.19	0.10	1.96	1.96	1.96	1.96	0.84
1998	Wet	1.96	1.95	1.52	1.94	0.00	(0.06)	(0.03)	(1.54)	(1.67)	(1.76)	(0.10)	0.38	0.22
1999	Wet	3.34	(0.12)	2.03	1.83	(0.03)	(3.36)	(2.30)	0.11	1.99	1.99	1.99	1.98	0.79
2000	Above Normal	1.97	1.97	1.46	2.08	0.26	(0.30)	(0.07)	0.23	2.07	2.20	2.15	2.07	1.34
2001	Dry	1.79	1.78	1.19	0.48	(1.23)	(0.34)	0.19	0.24	0.52	0.52	0.49	0.46	0.51
2002	Dry	0.39	0.36	0.33	0.27	0.03	(0.02)	(0.12)	(0.12)	(0.13)	(0.13)	(0.13)	(0.12)	0.05
2003	Above Normal	(0.12)	1.05	(1.25)	0.42	0.38	0.15	(0.01)	(0.01)	1.12	1.12	1.11	1.12	0.42
	Average	1.48	1.52	1.38	0.40	(0.48)	(0.47)	0.10	(0.32)	0.47	0.96	0.96	0.80	0.57
	Wet	1.42	1.42	1.02	(0.49)	(0.77)	(1.40)	(0.23)	(0.29)	1.09	1.47	1.54	1.66	0.54
	Above Normal	0.99	0.52	0.88	1.09	0.08	0.07	(0.14)	0.39	1.53	2.26	2.22	2.08	1.00
	Below Normal	1.61	1.22	0.94	0.48	(0.99)	0.35	1.18	(1.39)	(1.63)	2.24	2.23	2.16	0.70
	Dry	1.65	2.58	2.47	1.10	(0.17)	(0.38)	(0.25)	(0.22)	1.02	0.28	0.20	0.35	0.72
	Critical	1.70	1.48	1.55	0.48	(0.31)	(0.07)	0.29	0.03	(0.28)	(1.94)	(1.89)	(3.26)	(0.18)

Percent Difference in Energy Use (GWh) At Pumping Plant at Buena Vista: Alternative2_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%	9%	9%	9%	9%
1923	Below Normal	9%	10%	8%	0%	0%	18%	31%	-50%	-92%	27%	26%	28%
1924	Critical	35%	37%	44%	55%	42%	18%	10%	11%	-7%	-89%	-92%	-92%
1925	Dry	156%	382%	518%	69%	24%	-42%	-4%	-15%	-14%	-14%	-14%	-14%
1926	Dry	-15%	-15%	-15%	10%	-1%	4%	3%	6%	7%	7%	6%	7%
1927	Wet	7%	8%	8%	10%	-4%	0%	-2%	-2%	2%	2%	2%	3%
1928	Above Normal	3%	4%	3%	4%	-1%	-4%	-2%	6%	-7%	15%	13%	12%
1929	Critical	5%	5%	0%	-29%	-31%	-19%	4%	-4%	-4%	-4%	-4%	-67%
1930	Dry	46%	38%	29%	28%	2%	4%	0%	0%	0%	0%	0%	1%
1931	Critical	1%	2%	2%	3%	2%	2%	0%	0%	0%	0%	0%	-55%
1932	Dry	0%	74%	54%	17%	1%	2%	0%	0%	6%	5%	5%	6%
1933	Critical	8%	9%	4%	21%	0%	4%	3%	2%	2%	4%	6%	7%
1934	Critical	11%	2%	54%	13%	4%	-2%	-4%	-4%	-4%	-4%	-66%	0%
1935	Below Normal	15%	-5%	-5%	-1%	-1%	0%	1%	1%	13%	4%	4%	4%
1936	Below Normal	6%	6%	6%	16%	0%	-3%	0%	0%	4%	4%	4%	5%
1937	Below Normal	5%	6%	5%	0%	0%	12%	-2%	-1%	3%	3%	3%	3%
1938	Wet	4%	4%	-2%	0%	0%	-2%	1%	-6%	-6%	3%	-1%	4%
1939	Dry	5%	5%	6%	4%	0%	-2%	-9%	2%	32%	3%	3%	4%
1940	Above Normal	5%	-19%	12%	8%	-13%	-2%	0%	0%	5%	4%	4%	4%
1941	Wet	6%	6%	0%	0%	0%	-3%	0%	0%	5%	5%	5%	6%
1942	Wet	6%	7%	0%	0%	0%	0%	0%	0%	4%	4%	4%	5%
1943	Wet	5%	6%	5%	1%	0%	2%	2%	0%	4%	4%	4%	4%
1944	Dry	5%	6%	5%	-8%	-12%	-7%	0%	0%	4%	4%	4%	4%
1945	Below Normal	6%	7%	9%	13%	0%	-8%	0%	0%	5%	5%	4%	5%
1946	Below Normal	5%	6%	5%	4%	0%	0%	0%	0%	5%	5%	5%	5%
1947	Dry	6%	7%	6%	5%	0%	0%	0%	0%	3%	3%	2%	3%
1948	Below Normal	3%	3%	4%	1%	-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%	62%	2%	2%	2%
1951	Above Normal	3%	3%	-1%	0%	0%	0%	0%	0%	5%	5%	4%	5%
1952	Wet	5%	6%	5%	4%	0%	0%	0%	-4%	-4%	1%	0%	2%
1953	Wet	2%	3%	9%	4%	0%	-7%	-17%	-2%	4%	4%	4%	4%
1954	Above Normal	6%	7%	7%	12%	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%	5%
1957	Above Normal	5%	6%	5%	4%	0%	0%	0%	0%	108%	4%	4%	4%
1958	Wet	6%	7%	6%	19%	0%	0%	0%	0%	4%	4%	4%	4%
1959	Below Normal	5%	5%	6%	4%	0%	-2%	-2%	-2%	-25%	3%	3%	3%
1960	Dry	4%	5%	6%	11%	-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%	92%	4%	4%	4%
1963	Wet	5%	6%	6%	9%	0%	0%	0%	0%	5%	5%	5%	5%
1964	Dry	6%	6%	4%	5%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	3%	5%	5%	6%
1966	Below Normal	6%	7%	6%	3%	-1%	0%	0%	0%	4%	4%	4%	4%
1967	Wet	6%	6%	7%	12%	0%	0%	0%	0%	0%	4%	4%	5%
1968	Below Normal	5%	2%	0%	4%	0%	-3%	4%	2%	6%	7%	6%	7%
1969	Wet	6%	7%	5%	-22%	0%	0%	-1%	-1%	-1%	4%	4%	4%
1970	Wet	5%	6%	6%	0%	0%	0%	-3%	0%	5%	5%	5%	5%
1971	Wet	6%	6%	6%	4%	0%	0%	0%	0%	2%	3%	3%	4%
1972	Below Normal	5%	6%	8%	14%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	5%
1974	Wet	5%	6%	5%	4%	0%	-5%	5%	-1%	4%	4%	3%	4%
1975	Wet	4%	5%	5%	2%	-1%	-4%	1%	1%	6%	6%	5%	6%
1976	Critical	6%	7%	6%	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%	-4%	1%	0%	0%	-2%	0%	4%	8%	10%	9%	9%
1979	Below Normal	6%	6%	3%	-12%	-26%	-3%	13%	1%	5%	5%	5%	6%
1980	Above Normal	6%	7%	6%	-4%	0%	3%	-5%	-4%	1%	1%	0%	1%
1981	Dry	2%	2%	2%	6%	0%	12%	2%	2%	97%	3%	0%	5%
1982	Wet	6%	7%	7%	10%	1%	0%	0%	0%	4%	4%	4%	5%
1983	Wet	-2%	8%	0%	0%	0%	0%	0%	0%	0%	0%	6%	6%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	5%	4%	4%	5%
1985	Dry	5%	6%	4%	4%	0%	0%	0%	0%	4%	4%	4%	4%
1986	Wet	5%	5%	6%	4%	0%	-23%	8%	0%	4%	4%	4%	5%
1987	Dry	5%	6%	4%	4%	0%	0%	-3%	-3%	-1%	-1%	-1%	-1%
1988	Critical	1%	3%	5%	8%	-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%	-6%	5%	4%	0%	0%	0%	0%	0%	0%	0%	-1%
1993	Above Normal	-1%	-8%	2%	0%	0%	0%	0%	0%	5%	5%	4%	5%
1994	Critical	6%	6%	6%	5%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	5%
1996	Wet	5%	6%	6%	-44%	-39%	-20%	-2%	-2%	2%	2%	2%	3%
1997	Wet	3%	4%	-1%	0%	0%	0%	1%	0%	5%	5%	5%	5%
1998	Wet	6%	7%	6%	4%	0%	0%	0%	-4%	-4%	-4%	0%	1%
1999	Wet	9%	0%	6%	4%	0%	-6%	-6%	0%	5%	5%	5%	5%
2000	Above Normal	6%	6%	5%	4%	1%	-1%	0%	1%	5%	5%	5%	5%
2001	Dry	6%	6%	5%	3%	-7%	-2%	1%	1%	2%	2%	2%	2%
2002	Dry	3%	4%	4%	5%	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%	12%	5%	-1%	-1%	1%	-1%	5%	2%	1%	1%
	Wet	4%	5%	4%	0%	-2%	-3%	0%	-1%	3%	4%	4%	4%
	Above Normal	3%	1%	3%	6%	0%	0%	0%	1%	14%	5%	5%	5%
	Below Normal	5%	4%	4%	3%	-2%	1%	3%	-3%	6%	5%	5%	5%
	Dry	13%	30%	35%	10%	1%	-2%	-1%	-1%	8%	1%	1%	1%
	Critical	6%	5%	10%	7%	1%	0%	2%	0%	-1%	-8%	-13%	-17%

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: Alternative2_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	104.98	105.81	111.83	100.49	1,165.96
1923	Below Normal	91.35	83.08	71.25	134.85	130.07	152.61	119.56	47.94	8.38	135.03	139.05	124.40	1,237.57
1924	Critical	104.90	95.42	79.32	71.42	64.39	46.08	56.80	67.61	56.11	4.60	4.28	3.48	654.41
1925	Dry	57.11	86.33	94.26	22.04	25.10	36.60	81.05	92.28	93.37	99.83	101.16	89.55	878.68
1926	Dry	67.68	60.99	47.30	31.18	32.07	46.70	67.95	99.82	100.13	106.90	108.71	96.08	865.51
1927	Wet	73.19	65.84	51.05	28.64	40.30	91.77	104.41	102.51	109.02	109.45	114.26	103.61	994.05
1928	Above Normal	95.23	86.59	75.07	120.68	112.28	67.00	103.44	109.36	96.21	120.56	123.56	110.90	1,220.88
1929	Critical	94.04	85.46	71.41	75.26	68.09	44.30	45.51	53.54	53.23	53.13	47.62	12.52	704.11
1930	Dry	32.66	22.87	18.12	14.87	23.22	32.43	72.26	83.74	84.05	87.10	84.48	74.46	630.26
1931	Critical	49.70	42.18	31.98	22.57	25.98	30.52	58.42	69.57	69.89	69.59	62.23	22.95	555.58
1932	Dry	27.74	38.37	27.95	19.69	26.84	39.60	73.26	83.87	88.23	93.25	93.34	83.05	695.19
1933	Critical	61.08	54.47	39.49	28.96	27.65	37.78	67.40	82.18	83.92	85.78	81.01	71.50	721.22
1934	Critical	43.56	31.06	35.08	22.33	22.84	30.29	60.09	71.49	72.00	71.52	4.34	3.49	468.09
1935	Below Normal	45.24	75.03	56.10	18.46	25.56	36.82	95.27	110.12	74.82	130.95	132.59	117.95	918.91
1936	Below Normal	91.60	83.41	64.70	34.29	36.31	112.22	97.57	108.84	115.52	116.00	121.26	109.92	1,091.64
1937	Below Normal	101.45	92.35	80.18	118.72	130.07	141.63	93.93	102.10	108.57	109.48	114.79	103.10	1,296.37
1938	Wet	94.02	85.66	70.17	134.85	130.07	141.70	88.75	95.77	97.36	103.26	109.66	97.81	1,249.08
1939	Dry	88.31	80.33	72.23	139.77	130.07	150.29	97.28	107.06	59.89	128.69	94.44	128.65	1,277.01
1940	Above Normal	103.95	48.58	110.88	20.00	18.98	49.19	94.00	110.28	96.42	126.27	128.15	113.82	1,020.52
1941	Wet	88.65	80.47	58.87	42.56	55.21	131.04	79.01	88.88	94.67	96.00	101.71	90.70	1,007.77
1942	Wet	81.37	74.00	59.02	134.85	130.07	152.31	117.15	95.06	101.35	102.12	107.55	96.98	1,251.83
1943	Wet	88.36	80.23	68.92	116.12	130.07	127.02	113.41	107.28	113.59	114.62	120.57	108.78	1,288.97
1944	Dry	99.84	90.90	78.62	89.52	79.13	53.77	74.03	85.55	88.57	93.29	92.42	82.08	1,007.72
1945	Below Normal	58.76	51.58	40.32	32.09	30.90	128.27	97.42	104.53	111.22	111.69	116.58	105.74	989.10
1946	Below Normal	97.28	88.45	101.54	127.66	91.84	99.34	100.26	99.10	105.28	105.91	111.25	100.81	1,228.72
1947	Dry	92.30	83.93	72.41	122.08	113.60	72.66	102.96	109.56	112.62	117.03	119.97	107.49	1,226.61
1948	Below Normal	89.94	81.58	67.54	69.58	63.61	42.16	62.66	78.99	3.81	127.35	128.43	113.69	929.34
1949	Dry	87.29	78.77	61.47	31.13	32.98	41.26	103.28	108.03	108.97	112.66	115.69	103.56	985.09
1950	Below Normal	87.41	79.09	65.65	27.55	28.43	34.88	86.29	98.36	6.30	127.30	128.18	113.60	883.04
1951	Above Normal	87.62	79.29	71.01	134.85	119.87	142.47	90.10	101.82	108.29	108.63	114.13	103.47	1,261.55
1952	Wet	94.97	86.34	74.58	139.77	134.06	97.68	83.23	82.28	82.55	89.08	94.60	84.28	1,143.42
1953	Wet	75.02	67.95	107.79	139.77	130.07	142.09	101.75	93.89	99.18	102.02	106.20	95.73	1,261.46
1954	Above Normal	83.45	75.68	63.02	97.37	92.50	88.71	95.39	109.36	110.29	111.92	122.10	108.16	1,157.95
1955	Dry	83.47	75.41	59.03	32.81	36.33	47.40	79.54	90.84	90.42	96.95	98.53	87.09	877.82
1956	Wet	65.49	58.73	45.27	97.81	123.29	144.65	103.20	110.99	117.86	118.31	124.44	112.69	1,222.73
1957	Above Normal	104.02	94.72	82.12	139.77	128.21	85.40	79.53	67.50	9.07	124.28	124.72	110.99	1,150.33
1958	Wet	85.56	77.60	59.99	30.00	63.25	130.50	102.53	110.86	117.57	118.52	125.20	112.34	1,133.92
1959	Below Normal	103.27	93.97	82.29	139.77	130.07	137.08	88.67	100.82	35.28	125.56	126.68	112.61	1,276.07
1960	Dry	87.13	78.89	62.04	30.58	27.87	37.00	101.24	114.40	82.26	128.58	100.98	124.96	975.93
1961	Dry	98.78	89.30	70.65	37.93	39.50	37.23	85.88	97.78	97.59	104.22	89.78	59.62	908.26
1962	Below Normal	15.31	89.04	98.64	15.45	18.12	46.05	86.89	99.83	8.79	131.75	132.81	118.00	860.68
1963	Wet	91.62	83.18	64.78	60.78	64.90	86.07	98.34	97.84	103.93	104.50	109.82	99.59	1,065.35
1964	Dry	91.17	82.79	102.69	107.70	66.92	70.71	105.43	101.79	103.37	103.84	108.95	98.27	1,143.63
1965	Wet	90.04	81.29	71.02	109.23	115.12	92.65	96.73	95.10	96.05	103.00	107.66	97.30	1,155.19
1966	Below Normal	87.55	79.38	67.65	126.27	126.11	96.10	91.56	103.06	100.19	114.99	118.40	105.05	1,216.31
1967	Wet	83.09	75.18	59.60	39.19	71.20	89.81	105.24	103.60	105.06	110.92	116.70	105.20	1,064.79
1968	Below Normal	96.36	84.52	76.75	139.77	134.71	140.28	108.47	98.97	103.99	109.03	112.70	100.56	1,306.11
1969	Wet	82.30	74.53	59.38	75.59	130.07	146.28	88.22	97.00	98.25	104.41	110.92	98.97	1,165.92
1970	Wet	96.70	74.29	70.42	134.85	130.07	148.09	93.16	102.05	108.58	108.94	114.32	103.59	1,285.06
1971	Wet	95.19	86.46	74.75	139.77	130.07	110.16	87.84	101.83	102.75	113.05	115.92	102.65	1,260.44
1972	Below Normal	79.51	71.91	56.60	32.90	56.10	79.12	94.37	104.85	104.74	110.86	113.82	100.77	1,005.55
1973	Above Normal	79.86	71.97	57.03	42.83	81.55	107.33	94.41	105.01	111.75	111.78	117.08	106.12	1,086.72
1974	Wet	97.73	88.83	77.00	139.77	130.07	132.51	113.02	101.82	108.53	108.85	114.67	103.64	1,316.44
1975	Wet	94.93	86.18	74.31	137.46	129.14	125.16	106.94	103.68	110.38	110.48	115.39	104.80	1,298.85
1976	Critical	96.22	87.53	75.98	120.65	113.37	72.04	88.98	102.19	42.55	121.12	91.31	118.16	1,130.10
1977	Critical	90.95	82.11	63.91	27.11	27.99	28.72	29.42	6.33	3.97	5.03	4.46	3.55	373.55
1978	Above Normal	1.40	11.67	64.96	15.39	27.16	71.31	96.16	97.66	103.55	105.53	109.49	98.58	802.86
1979	Below Normal	86.88	78.69	66.39	99.27	91.92	106.45	103.18	100.29	106.86	107.09	112.04	101.42	1,160.48
1980	Above Normal	92.76	84.27	72.89	115.44	134.71	150.38	82.84	92.28	98.28	99.63	105.31	94.10	1,222.89
1981	Dry	84.91	77.07	65.75	139.52	130.07	107.92	89.27	104.14	39.32	130.64	117.25	122.02	1,207.88
1982	Wet	94.89	86.22	66.86	57.58	62.68	147.81	106.46	103.40	113.28	114.16	120.83	108.28	1,182.45
1983	Wet	99.10	99.28	141.73	134.85	130.07	146.27	74.33	77.50	90.77	91.86	82.50	83.06	1,251.32
1984	Wet	80.45	73.62	142.34	134.85	134.71	146.67	90.97	103.16	109.37	110.11	115.58	104.90	1,346.73
1985	Dry	96.28	87.63	102.40	124.55	121.50	113.19	98.69	97.42	103.34	103.52	108.24	98.01	1,254.77
1986	Wet	89.69	81.47	71.51	114.22	102.93	116.85	106.25	105.85	112.66	113.37	119.65	107.17	1,241.62
1987	Dry	98.06	89.35	76.33	139.77	129.04	72.21	62.31	74.51	77.23	76.18	68.67	60.59	1,024.25
1988	Critical	33.43	24.88	20.87	17.73	23.85	26.62	45.08	52.26	52.00	52.02	46.43	40.71	435.88
1989	Dry	19.85	15.01	12.80	10.49	20.79	26.50	98.18	114.08	83.73	128.05	115.77	119.40	764.65
1990	Critical	92.34	83.49	65.09	28.51	30.59	33.55	56.76	67.23	67.85	67.33	60.22	52.89	705.85
1991	Critical	27.60	20.03	16.90	14.45	20.08	25.99	45.72	49.53	30.22	61.02	53.96	47.61	413.11
1992	Critical	23.51	15.23	15.62	12.74	19.11	24.95	45.20	52.45	52.03	4.55	4.35	38.34	308.08
1993	Above Normal	55.04	4.21	70.56	16.61	50.24	74.71	96.43	100.55	71.43	116.00	119.94	107.81	883.53
1994	Critical	92.31	83.88	69.22	85.17	76.83	61.24	81.87	93.12	77.19	102.33	30.25	93.86	947.27
1995	Wet	19.21	63.58	120.31	15.29	43.71	65.95	112.10	108.99	115.70	116.51	122.52	110.46	1,014.33
1996	Wet	101.59	92.48	81.30	69.53	78.42	91.96	105.16	101.49	107.92	108.39	113.63	102.96	1,154.83
1997	Wet	94.51	85.96	71.51	134.85	130.07	152.16	94.89	97.67	103.70	104.54	110.44	99.41	1,279.71
1998	Wet	90.40	82.23	70.51	137.83	130.07	134.33	96.70	94.70	95.85	97.25	107.94	96.71	1,234.52
1999	Wet	99.61	91.77	90.58	139.77	130.07	129.52	95.08	102.16	108.42	109.39	114.98	104.15	1,315.50
2000	Above Normal	95.64	87.01	75.12	127.45	118.52	91.18	97.09	109.25	113.82	121.15	123.55	109.98	1,269.76
2001	Dry	87.53	79.55	62.64	45.65	39.93	38.24	65.35	78.94	80.61	80.27	72.10	63.40	794.21
2002	Dry	34.57	25.77	20.97	14.48	30.05	48.51	107.27	103.38	104.78	105.61	110.22	99.59	805.20
2003	Above Normal	91.12	58.51	95.75	19.70	32.27	48.53	81.84	93.40	9.03	121.00	121.70	107.97	880.82
	Average	80.09	73.11	68.68	77.11	78.81	87.34	88.41	93.33	85.50	102.60	101.69	93.20	1,029.88
	Wet	86.45	80.13	77.06	101.53	106.91	123.89	98.65	99.44	104.78	107.04	112.22	101.38	1,199.47
	Above Normal	86.92	69.21	78.34	73.85	80.29	87.82	92.66	99.59	86.09	114.38	118.46	106.03	1,093.65
	Below Normal	80.85	80.86	71.11	79.76	78.13	96.64	94.72	96.99	70.98	118.79	122.04	109.12	1,099.99
	Dry	74.15	69.07	61.54	64.10	61.39	59.57	86.96	97.07	88.80	105.37	100.04	94.33	962.37
	Critical	67.47	58.81	48.74	43.91	43.40	38.51	56.77	63.96	55.08	58.17	40.87	42.42	618.10

Difference in Energy Use (GWh) At Pumping Plant at Chrisman: Alternative2_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	7.95	8.22	9.12	8.04	4.14
1923	Below Normal	7.59	7.42	5.56	0.00	0.00	23.23	29.71	(52.48)	(91.28)	28.98	29.39	27.32	1.29
1924	Critical	27.78	26.06	24.31	25.39	18.99	7.12	5.15	6.72	(5.02)	(55.99)	(49.96)	(44.13)	(1.13)
1925	Dry	33.12	68.47	79.12	9.07	4.89	(26.95)	(2.97)	(16.56)	(15.07)	(16.18)	(16.85)	(14.72)	7.11
1926	Dry	(12.19)	(11.06)	(8.72)	2.82	(0.28)	1.94	2.13	5.43	6.25	6.62	6.65	5.97	0.46
1927	Wet	5.07	4.74	3.99	2.58	(1.63)	0.43	(1.71)	(1.96)	2.88	2.89	2.74	2.95	1.91
1928	Above Normal	2.94	3.11	1.99	5.14	(1.68)	(3.03)	(2.95)	5.73	(8.77)	14.98	13.57	11.54	3.55
1929	Critical	3.68	3.63	(0.07)	(30.26)	(30.28)	(10.55)	1.92	(2.17)	(2.25)	(2.19)	(1.96)	(29.73)	(8.35)
1930	Dry	10.75	6.45	4.16	3.35	0.41	1.15	0.17	0.05	(0.01)	0.18	0.41	0.36	2.29
1931	Critical	0.62	0.70	0.55	0.71	0.55	0.75	(0.23)	(0.30)	(0.31)	(0.31)	(0.27)	(31.32)	(2.41)
1932	Dry	0.06	16.60	9.89	2.95	0.32	0.97	(0.08)	(0.05)	4.91	4.83	4.74	4.76	4.16
1933	Critical	4.67	4.63	1.55	4.98	0.05	1.36	1.84	1.33	2.16	3.38	5.11	4.72	2.98
1934	Critical	4.33	0.67	12.35	2.55	0.92	(0.70)	(2.34)	(3.05)	(3.21)	(3.14)	(4.37)	0.00	0.33
1935	Below Normal	3.62	(4.85)	(3.60)	(0.24)	(0.19)	(0.06)	0.68	0.84	9.39	5.06	5.13	5.09	1.74
1936	Below Normal	5.07	5.07	3.64	4.87	(0.07)	(3.24)	0.05	0.04	4.97	4.97	4.97	4.97	2.94
1937	Below Normal	4.96	4.96	3.63	(0.03)	0.00	14.59	(1.54)	(1.48)	3.38	3.42	3.40	3.47	3.23
1938	Wet	3.44	3.56	(1.28)	0.00	0.00	(3.54)	0.84	(5.99)	(6.03)	2.77	(1.10)	4.05	(0.27)
1939	Dry	4.03	4.11	4.16	4.92	0.00	(3.07)	(9.87)	1.82	16.27	4.71	3.34	4.95	2.95
1940	Above Normal	5.55	(11.40)	12.08	1.66	(2.83)	(0.89)	(0.04)	(0.04)	4.71	4.91	4.91	4.91	1.96
1941	Wet	4.91	4.92	(0.01)	0.02	(0.01)	(4.65)	0.00	0.00	4.92	4.93	4.93	4.92	2.07
1942	Wet	4.93	4.93	0.00	0.00	0.00	(0.54)	0.12	(0.28)	4.63	4.61	4.55	4.64	2.30
1943	Wet	4.67	4.68	3.61	1.38	0.00	2.21	2.28	(0.02)	4.89	4.86	4.76	4.85	3.18
1944	Dry	4.90	4.90	3.82	(7.84)	(11.48)	(3.94)	(0.20)	(0.12)	3.72	3.59	3.41	3.45	0.35
1945	Below Normal	3.28	3.23	3.35	3.65	(0.08)	(11.50)	0.15	0.14	5.07	5.06	5.07	5.06	1.87
1946	Below Normal	5.06	5.05	4.42	4.92	0.00	0.34	0.42	0.43	5.38	5.37	5.40	5.35	3.51
1947	Dry	5.35	5.31	4.03	5.65	0.17	(0.12)	(0.13)	0.25	2.86	3.02	2.97	2.89	2.69
1948	Below Normal	2.54	2.55	2.41	1.03	(1.46)	(0.54)	0.06	1.91	0.00	0.02	0.05	0.03	0.72
1949	Dry	0.03	0.03	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)	(0.82)	(0.73)	(0.23)	(0.01)	(0.01)	2.59	2.57	2.57	2.58	0.70
1951	Above Normal	2.58	2.58	(1.07)	0.00	0.00	0.00	0.00	0.00	4.93	4.92	4.93	4.92	1.98
1952	Wet	4.92	4.93	3.69	4.92	0.00	(0.01)	(0.01)	(3.47)	(3.68)	1.02	0.39	1.45	1.18
1953	Wet	1.86	2.04	8.98	4.92	0.00	(11.07)	(21.01)	(1.67)	4.40	3.91	3.99	4.24	0.05
1954	Above Normal	5.23	5.23	4.31	10.12	4.95	3.70	0.62	0.79	5.87	1.20	2.23	2.16	3.87
1955	Dry	2.13	2.11	2.06	2.09	0.03	(0.13)	(0.59)	(0.71)	(0.15)	(0.20)	(0.22)	(0.13)	0.52
1956	Wet	(0.01)	0.03	0.13	(15.83)	0.02	0.03	0.08	0.07	5.00	5.00	5.00	4.99	0.38
1957	Above Normal	5.00	4.99	3.84	4.92	(0.03)	(0.05)	0.04	0.30	4.93	4.94	4.94	4.93	3.23
1958	Wet	4.93	4.94	3.50	4.93	0.01	(0.17)	0.00	0.00	4.93	4.92	4.92	4.92	3.15
1959	Below Normal	4.93	4.93	4.93	4.92	0.00	(2.98)	(2.09)	(2.49)	(14.17)	4.00	3.66	3.72	0.78
1960	Dry	3.57	3.56	3.48	3.02	(0.37)	0.18	0.16	(0.21)	3.86	(1.13)	3.13	(2.41)	1.40
1961	Dry	(1.46)	(1.44)	(1.01)	1.74	1.56	0.60	0.17	0.21	0.22	0.23	1.11	(0.10)	0.15
1962	Below Normal	(0.06)	0.01	0.01	0.00	0.00	0.00	0.00	0.00	4.93	4.93	4.93	4.92	1.64
1963	Wet	4.92	4.93	3.60	4.92	0.00	0.00	0.00	0.00	4.93	4.93	4.92	4.92	3.17
1964	Dry	4.92	4.92	3.61	4.92	(0.04)	0.24	(0.04)	(0.04)	(0.05)	(0.05)	(0.05)	(0.04)	1.53
1965	Wet	(0.04)	(0.04)	(0.04)	0.40	0.24	(0.63)	0.03	0.20	3.34	5.48	5.46	5.40	1.65
1966	Below Normal	5.25	5.23	3.96	4.23	(0.67)	(0.32)	0.00	0.02	4.39	4.49	4.49	4.49	2.96
1967	Wet	4.46	4.47	4.14	4.31	(0.07)	(0.02)	0.03	(0.10)	(0.10)	4.82	4.80	4.83	2.63
1968	Below Normal	4.84	1.76	0.04	4.92	0.00	(3.86)	4.55	1.29	5.99	6.75	6.63	6.21	3.26
1969	Wet	4.62	4.62	2.63	(21.75)	0.00	0.00	(0.71)	(0.68)	(0.70)	4.23	4.22	4.26	0.06
1970	Wet	4.56	4.30	4.33	0.00	0.00	(0.37)	(2.55)	0.36	5.30	5.30	5.32	5.28	2.65
1971	Wet	5.29	5.25	3.99	4.92	0.00	0.19	(0.18)	(0.24)	2.28	4.06	4.02	4.02	2.80
1972	Below Normal	4.01	4.01	4.00	4.08	0.08	0.02	(0.02)	(0.05)	(0.04)	(0.06)	(0.05)	(0.05)	1.33
1973	Above Normal	(0.02)	(0.02)	(0.01)	0.12	0.10	0.24	(0.19)	0.02	4.94	4.94	4.94	4.94	1.67
1974	Wet	4.94	4.94	3.66	4.92	0.00	(6.70)	6.10	(0.77)	4.11	4.06	3.91	4.14	2.78
1975	Wet	4.23	4.27	3.29	2.61	(0.93)	(4.66)	1.02	1.02	5.98	5.98	6.03	5.93	2.90
1976	Critical	5.92	5.85	4.52	6.05	0.84	0.14	(0.49)	(0.59)	(0.42)	(0.67)	0.43	(0.93)	1.72
1977	Critical	(0.80)	(0.74)	(0.62)	(0.08)	(0.07)	(0.03)	2.93	0.00	0.03	0.00	(0.04)	0.00	0.05
1978	Above Normal	0.00	(0.96)	0.59	0.00	0.02	(1.87)	(0.38)	3.18	7.76	9.38	8.80	8.01	2.88
1979	Below Normal	4.61	4.62	1.93	(13.76)	(33.30)	(3.14)	12.12	0.81	5.75	5.71	5.66	5.72	(0.27)
1980	Above Normal	5.79	5.72	4.42	(4.90)	0.00	4.09	(4.55)	(3.71)	1.02	0.90	0.38	1.15	0.86
1981	Dry	1.41	1.65	1.08	7.90	0.00	12.11	1.94	2.47	22.63	4.32	0.43	5.96	5.16
1982	Wet	5.87	5.80	4.32	5.27	0.37	0.02	0.02	0.01	4.94	4.94	4.95	4.94	3.45
1983	Wet	(2.08)	7.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.92	4.92	1.23
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.93	4.92	4.92	4.93	1.64
1985	Dry	4.93	4.93	3.69	4.93	0.00	(0.01)	0.01	0.00	4.21	4.21	4.21	4.20	2.94
1986	Wet	4.21	4.21	4.21	4.21	0.00	(34.68)	7.91	0.05	4.97	4.98	4.98	4.97	0.83
1987	Dry	4.96	4.96	3.18	4.92	0.00	0.03	(2.06)	(2.67)	(1.00)	(0.94)	(0.66)	(0.38)	0.86
1988	Critical	0.37	0.65	1.07	1.40	(0.20)	(0.06)	0.00	0.00	0.00	0.01	0.00	0.00	0.27
1989	Dry	0.00	0.00	0.00	(0.02)	(0.02)	(0.03)	(0.09)	(0.11)	(0.68)	(0.01)	(3.59)	1.12	(0.29)
1990	Critical	0.91	0.84	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)	(1.19)	0.02	0.32	0.25	0.23	(0.03)
1992	Critical	0.13	(1.10)	0.79	0.45	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	(0.34)	(0.01)
1993	Above Normal	(0.30)	(0.49)	1.11	0.00	(0.06)	(0.25)	(0.01)	0.11	3.69	5.34	5.32	5.27	1.64
1994	Critical	5.13	5.11	3.77	4.34	(0.51)	(0.24)	0.01	0.01	0.16	(0.03)	0.00	(0.02)	1.48
1995	Wet	(0.01)	0.00	(0.02)	0.00	(0.01)	0.00	0.01	0.00	4.93	4.93	4.92	4.92	1.64
1996	Wet	4.93	4.92	4.93	(56.12)	(50.54)	(22.89)	(2.15)	(2.17)	2.65	2.65	2.56	2.83	(9.03)
1997	Wet	2.88	3.03	(0.92)	0.00	0.00	0.15	0.48	0.25	5.18	5.17	5.19	5.17	2.22
1998	Wet	5.18	5.16	3.99	5.11	0.00	(0.13)	(0.08)	(3.59)	(3.81)	(4.03)	0.23	1.32	0.78
1999	Wet	9.07	(0.26)	5.39	4.92	0.00	(8.83)	(6.07)	0.29	5.22	5.23	5.26	5.21	2.12
2000	Above Normal	5.21	5.18	3.86	5.46	0.67	(0.82)	(0.25)	0.49	5.34	5.65	5.55	5.40	3.48
2001	Dry	4.67	4.68	3.14	1.34	(3.21)	(0.90)	0.47	0.62	1.34	1.32	1.26	1.19	1.33
2002	Dry	1.01	0.95	0.85	0.73	0.08	(0.05)	(0.31)	(0.31)	(0.32)	(0.32)	(0.35)	(0.31)	0.14
2003	Above Normal	(0.31)	2.76	(3.30)	1.06	0.96	0.36	(0.02)	(0.02)	2.95	2.95	2.94	2.94	1.11
	Average	3.78	3.97	3.63	1.06	(1.27)	(1.24)	0.25	(0.84)	1.32	2.54	2.62	2.11	1.49
	Wet	3.76	3.75	2.70	(1.28)	(2.02)	(3.69)	(0.60)	(0.72)	2.93	3.94	4.11	4.42	1.44
	Above Normal	2.64	1.39	2.32	2.88	0.21	0.15	(0.49)	0.81	3.78	5.69	5.64	5.35	2.53
	Below Normal	3.98	3.14	2.44	1.27	(2.60)	0.88	3.15	(3.65)	(3.83)	5.81	5.81	5.63	1.84
	Dry	4.01	6.73	6.48	2.92	(0.44)	(1.00)	(0.63)	(0.55)	2.73	0.79	0.56	0.94	1.88
	Critical	4.40	3.86	4.07	1.29	(0.81)	(0.18)	0.73	0.06	(0.74)	(4.88)	(4.23)	(8.46)	(0.41)

Percent Difference in Energy Use (GWh) At Pumping Plant at Chrisman: Alternative2_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%	9%	9%
1923	Below Normal	9%	10%	8%	0%	0%	18%	33%	-52%	-92%	27%	27%	28%
1924	Critical	36%	38%	44%	55%	42%	18%	10%	11%	-8%	-92%	-92%	-93%
1925	Dry	138%	383%	523%	70%	24%	-42%	-4%	-15%	-14%	-14%	-14%	-14%
1926	Dry	-15%	-15%	-16%	10%	-1%	4%	3%	6%	7%	7%	7%	7%
1927	Wet	7%	8%	8%	10%	-4%	0%	-2%	-2%	3%	3%	2%	3%
1928	Above Normal	3%	4%	3%	4%	-1%	-4%	-3%	6%	-8%	14%	12%	12%
1929	Critical	4%	4%	0%	-29%	-31%	-19%	4%	-4%	-4%	-4%	-4%	-70%
1930	Dry	49%	39%	30%	29%	2%	4%	0%	0%	0%	0%	0%	0%
1931	Critical	1%	2%	2%	3%	2%	3%	0%	0%	0%	0%	0%	-58%
1932	Dry	0%	76%	55%	18%	1%	3%	0%	0%	6%	5%	5%	6%
1933	Critical	8%	9%	4%	21%	0%	4%	3%	2%	3%	4%	7%	7%
1934	Critical	11%	2%	54%	13%	4%	-2%	-4%	-4%	-4%	-4%	-50%	0%
1935	Below Normal	9%	-6%	-6%	-1%	-1%	0%	1%	1%	14%	4%	4%	5%
1936	Below Normal	6%	6%	6%	17%	0%	-3%	0%	0%	4%	4%	4%	5%
1937	Below Normal	5%	6%	5%	0%	0%	11%	-2%	-1%	3%	3%	3%	3%
1938	Wet	4%	4%	-2%	0%	0%	-2%	1%	-6%	-6%	3%	-1%	4%
1939	Dry	5%	5%	6%	4%	0%	-2%	-9%	2%	37%	4%	4%	4%
1940	Above Normal	6%	-19%	12%	9%	-13%	-2%	0%	0%	5%	4%	4%	5%
1941	Wet	6%	7%	0%	0%	0%	-3%	0%	0%	5%	5%	5%	6%
1942	Wet	6%	7%	0%	0%	0%	0%	0%	0%	5%	5%	4%	5%
1943	Wet	6%	6%	6%	1%	0%	2%	2%	0%	4%	4%	4%	5%
1944	Dry	5%	6%	5%	-8%	-13%	-7%	0%	0%	4%	4%	4%	4%
1945	Below Normal	6%	7%	9%	13%	0%	-8%	0%	0%	5%	5%	5%	5%
1946	Below Normal	5%	6%	5%	4%	0%	0%	0%	0%	5%	5%	5%	6%
1947	Dry	6%	7%	6%	5%	0%	0%	0%	0%	3%	3%	3%	3%
1948	Below Normal	3%	3%	4%	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%	70%	2%	2%	2%
1951	Above Normal	3%	3%	-1%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1952	Wet	5%	6%	5%	4%	0%	0%	0%	-4%	-4%	1%	0%	2%
1953	Wet	3%	3%	9%	4%	0%	-7%	-17%	-2%	5%	4%	4%	5%
1954	Above Normal	7%	7%	7%	12%	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%	0%	-14%	0%	0%	0%	0%	4%	4%	4%	5%
1957	Above Normal	5%	6%	5%	4%	0%	0%	0%	0%	119%	4%	4%	5%
1958	Wet	6%	7%	6%	20%	0%	0%	0%	0%	4%	4%	4%	5%
1959	Below Normal	5%	6%	6%	4%	0%	-2%	-2%	-2%	-29%	3%	3%	3%
1960	Dry	4%	5%	6%	11%	-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%	128%	4%	4%	4%
1963	Wet	6%	6%	6%	9%	0%	0%	0%	0%	5%	5%	5%	5%
1964	Dry	6%	6%	4%	5%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	4%	6%	5%	6%
1966	Below Normal	6%	7%	6%	3%	-1%	0%	0%	0%	5%	4%	4%	4%
1967	Wet	6%	6%	7%	12%	0%	0%	0%	0%	0%	5%	4%	5%
1968	Below Normal	5%	2%	0%	4%	0%	-3%	4%	1%	6%	7%	6%	7%
1969	Wet	6%	7%	5%	-22%	0%	0%	-1%	-1%	-1%	4%	4%	4%
1970	Wet	5%	6%	7%	0%	0%	0%	-3%	0%	5%	5%	5%	5%
1971	Wet	6%	6%	6%	4%	0%	0%	0%	0%	2%	4%	4%	4%
1972	Below Normal	5%	6%	8%	14%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	5%	5%	4%	5%
1974	Wet	5%	6%	5%	4%	0%	-5%	6%	-1%	4%	4%	4%	4%
1975	Wet	5%	5%	5%	2%	-1%	-4%	1%	1%	6%	6%	6%	6%
1976	Critical	7%	7%	6%	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%	-8%	1%	0%	0%	-3%	0%	3%	8%	10%	9%	9%
1979	Below Normal	6%	6%	3%	-12%	-27%	-3%	13%	1%	6%	6%	5%	6%
1980	Above Normal	7%	7%	6%	-4%	0%	3%	-5%	-4%	1%	1%	0%	1%
1981	Dry	2%	2%	2%	6%	0%	13%	2%	2%	136%	3%	0%	5%
1982	Wet	7%	7%	7%	10%	1%	0%	0%	0%	5%	5%	4%	5%
1983	Wet	-2%	8%	0%	0%	0%	0%	0%	0%	0%	0%	6%	6%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	5%	5%	4%	5%
1985	Dry	5%	6%	4%	4%	0%	0%	0%	0%	4%	4%	4%	4%
1986	Wet	5%	5%	6%	4%	0%	-23%	8%	0%	5%	5%	4%	5%
1987	Dry	5%	6%	4%	4%	0%	0%	-3%	-3%	-1%	-1%	-1%	-1%
1988	Critical	1%	3%	5%	9%	-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%	-7%	5%	4%	0%	0%	0%	0%	0%	0%	0%	-1%
1993	Above Normal	-1%	-10%	2%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1994	Critical	6%	6%	6%	5%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	5%
1996	Wet	5%	6%	6%	-45%	-39%	-20%	-2%	-2%	3%	3%	2%	3%
1997	Wet	3%	4%	-1%	0%	0%	0%	1%	0%	5%	5%	5%	5%
1998	Wet	6%	7%	6%	4%	0%	0%	0%	-4%	-4%	-4%	0%	1%
1999	Wet	10%	0%	6%	4%	0%	-6%	-6%	0%	5%	5%	5%	5%
2000	Above Normal	6%	6%	5%	4%	1%	-1%	0%	0%	5%	5%	5%	5%
2001	Dry	6%	6%	5%	3%	-7%	-2%	1%	1%	2%	2%	2%	2%
2002	Dry	3%	4%	4%	5%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	5%	-3%	6%	3%	1%	0%	0%	49%	2%	2%	3%
	Average	6%	10%	12%	5%	-1%	-1%	1%	-1%	7%	2%	1%	1%
	Wet	4%	5%	4%	0%	-2%	-3%	0%	-1%	3%	4%	4%	5%
	Above Normal	3%	0%	3%	7%	0%	0%	-1%	1%	17%	5%	5%	5%
	Below Normal	5%	4%	4%	3%	-2%	1%	3%	-4%	9%	5%	5%	6%
	Dry	12%	30%	36%	10%	1%	-2%	-1%	0%	10%	1%	1%	1%
	Critical	6%	5%	11%	7%	1%	0%	2%	0%	-1%	-8%	-12%	-18%

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: Alternative2_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	0.61	0.39	0.04	0.07	0.07	0.07	0.04	1.29
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	0.77	0.36	0.04	0.06	0.08	0.07	0.05	1.43
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	0.10	0.97	0.05	0.06	0.07	0.08	0.07	0.05	1.45
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.80	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	0.00	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	0.74	0.38	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	0.67	0.39	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: Alternative2_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	0.01	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	0.04	(0.03)	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)	(0.90)	0.96	0.02	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	0.00	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	0.01	(0.01)	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)	0.06	(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	(0.02)	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: Alternative2_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%	2%	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%	5%	-8%	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%	-90%	>1,000%	67%	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%	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%	1%	-3%	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%	-1%	7%	0%	0%	0%	0%	0%
	Wet	0%	37%	-2%	-4%	-3%	2%	-2%	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%	-1%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	-1%	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: Alternative2_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	367.36	370.25	391.33	351.63	4,079.98
1923	Below Normal	319.66	290.73	249.33	471.87	455.14	534.02	418.35	167.74	29.33	472.50	486.57	435.31	4,330.55
1924	Critical	367.06	333.88	277.57	249.91	225.33	161.24	198.75	236.59	196.35	16.08	14.98	12.19	2,289.93
1925	Dry	199.85	302.10	329.83	77.11	87.82	128.09	283.63	322.90	326.72	349.34	353.97	313.35	3,074.71
1926	Dry	236.82	213.42	165.52	109.09	112.22	163.43	237.78	349.30	350.37	374.06	380.39	336.20	3,028.60
1927	Wet	256.12	230.39	178.64	100.20	141.01	321.12	365.36	358.69	381.49	382.99	399.82	362.54	3,478.37
1928	Above Normal	333.24	302.99	262.70	422.29	392.88	234.45	361.94	382.67	336.67	421.88	432.37	388.06	4,272.14
1929	Critical	329.06	299.05	249.87	263.35	238.27	155.02	159.26	187.33	186.25	185.90	166.62	43.79	2,463.77
1930	Dry	114.27	80.01	63.40	52.02	81.25	113.49	252.84	293.02	294.11	304.78	295.62	260.57	2,205.38
1931	Critical	173.90	147.59	111.91	78.99	90.91	106.79	204.44	243.44	244.55	243.52	217.75	80.31	1,944.10
1932	Dry	97.07	134.26	97.80	68.92	93.91	138.56	256.35	293.48	308.72	326.32	326.63	290.61	2,432.63
1933	Critical	213.72	190.61	138.18	101.33	96.74	132.22	235.84	287.58	293.67	300.15	283.48	250.19	2,523.71
1934	Critical	152.41	108.70	122.76	78.15	79.93	105.98	210.27	250.14	251.93	250.25	15.19	12.20	1,637.91
1935	Below Normal	158.31	262.56	196.29	64.60	89.43	128.83	333.37	385.33	261.83	458.22	463.95	412.73	3,215.45
1936	Below Normal	320.53	291.87	226.40	120.00	127.05	392.69	341.43	380.87	404.23	405.90	424.31	384.63	3,819.91
1937	Below Normal	355.01	323.17	280.56	415.44	455.14	495.60	328.67	357.28	379.93	383.09	401.68	360.79	4,536.36
1938	Wet	328.99	299.75	245.56	471.87	455.14	495.83	310.56	335.12	340.70	361.32	383.74	342.27	4,370.85
1939	Dry	309.01	281.08	252.73	489.10	455.14	525.88	340.41	374.63	209.57	450.31	330.45	450.17	4,468.48
1940	Above Normal	363.74	170.01	387.99	69.98	66.41	172.11	328.92	385.88	337.40	441.85	448.43	398.28	3,571.00
1941	Wet	310.22	281.57	206.01	148.92	193.21	458.52	276.46	311.02	331.29	335.92	355.90	317.38	3,526.42
1942	Wet	284.73	258.93	206.51	471.87	455.14	532.97	409.92	332.63	354.64	357.33	376.34	339.34	4,380.35
1943	Wet	309.19	280.75	241.18	406.32	455.14	444.46	396.83	375.38	397.49	401.09	421.91	380.64	4,510.38
1944	Dry	349.36	318.07	275.13	313.26	276.89	188.16	259.06	299.35	309.93	326.45	323.39	287.22	3,526.27
1945	Below Normal	205.63	180.49	141.09	112.28	108.13	448.85	340.88	365.76	389.17	390.84	407.94	370.00	3,461.06
1946	Below Normal	340.41	309.52	355.32	446.72	321.35	347.61	350.82	346.77	368.39	370.60	389.29	352.77	4,299.57
1947	Dry	322.99	293.70	253.36	427.18	397.51	254.24	360.27	383.38	394.08	409.53	419.80	376.12	4,292.16
1948	Below Normal	314.72	285.47	236.35	243.48	222.58	147.54	219.26	276.39	13.32	445.62	449.39	397.83	3,251.95
1949	Dry	305.45	275.65	215.09	108.94	115.42	144.38	361.41	378.01	381.31	394.22	404.82	362.37	3,447.07
1950	Below Normal	305.86	276.74	229.74	96.41	99.47	122.05	301.94	344.17	22.05	445.44	448.54	397.50	3,089.91
1951	Above Normal	306.59	277.45	248.48	471.87	419.44	498.54	315.28	356.28	378.92	380.12	399.36	362.08	4,414.41
1952	Wet	332.34	302.11	260.95	489.10	469.09	341.82	291.23	287.93	288.86	311.72	331.02	294.90	4,001.07
1953	Wet	262.51	237.79	377.18	489.10	455.14	497.21	356.03	328.55	347.06	357.00	371.61	335.00	4,414.18
1954	Above Normal	292.03	264.82	220.52	340.71	323.69	310.42	333.78	382.66	385.91	391.65	427.25	378.46	4,051.90
1955	Dry	292.07	263.88	206.54	114.82	127.14	165.88	278.33	317.86	316.39	339.25	344.79	304.76	3,071.71
1956	Wet	229.16	205.51	158.41	342.24	431.42	506.16	361.12	388.39	412.43	413.99	435.45	394.34	4,278.62
1957	Above Normal	363.98	331.43	287.34	489.10	448.62	298.84	278.29	236.18	31.73	434.87	436.42	388.39	4,025.19
1958	Wet	299.41	271.53	209.90	104.96	221.31	456.66	358.77	387.93	411.40	414.73	438.11	393.10	3,967.81
1959	Below Normal	361.36	328.81	287.94	489.10	455.14	479.68	310.29	352.81	123.46	439.35	443.27	394.05	4,465.26
1960	Dry	304.90	276.04	217.08	107.01	97.53	129.48	354.26	400.31	287.86	449.94	353.36	437.25	3,415.02
1961	Dry	345.64	312.48	247.23	132.73	138.22	130.28	300.53	342.16	341.47	364.69	314.16	208.61	3,178.20
1962	Below Normal	53.56	311.57	345.16	54.05	63.41	161.14	304.04	349.32	30.74	461.01	464.72	412.91	3,011.63
1963	Wet	320.60	291.06	226.69	212.69	227.10	301.16	344.10	342.37	363.66	365.66	384.28	348.48	3,727.85
1964	Dry	319.02	289.70	359.35	376.86	234.18	247.43	368.92	356.17	361.72	363.37	381.26	343.87	4,001.85
1965	Wet	315.06	284.45	248.52	382.20	402.82	324.19	338.48	332.77	336.09	360.42	376.71	340.47	4,042.18
1966	Below Normal	306.37	277.77	236.73	441.86	441.28	336.29	320.40	360.65	350.58	402.39	414.30	367.58	4,256.20
1967	Wet	290.76	263.06	208.56	137.13	249.14	314.28	368.24	362.52	367.62	388.12	408.36	368.10	3,725.89
1968	Below Normal	337.17	295.74	268.56	489.10	471.39	490.88	379.57	346.31	363.89	381.52	394.36	351.89	4,570.38
1969	Wet	287.98	260.80	207.78	264.50	455.14	511.87	308.70	339.41	343.79	365.36	388.13	346.30	4,079.76
1970	Wet	338.38	259.94	246.42	471.87	455.14	518.20	325.98	357.10	379.96	381.20	400.04	362.48	4,496.71
1971	Wet	333.08	302.56	261.55	489.10	455.14	385.47	307.36	356.33	359.56	395.57	405.64	359.21	4,410.57
1972	Below Normal	278.24	251.62	198.06	115.14	196.31	276.85	330.23	366.91	366.50	387.91	398.28	352.63	3,518.68
1973	Above Normal	279.46	251.86	199.57	149.86	285.38	375.58	330.37	367.45	391.05	391.15	409.69	371.33	3,802.75
1974	Wet	341.98	310.85	269.46	489.10	455.14	463.68	395.47	356.29	379.76	380.90	401.26	362.65	4,606.54
1975	Wet	332.19	301.57	260.04	481.01	451.89	437.97	374.21	362.79	386.26	386.58	403.79	366.70	4,545.00
1976	Critical	336.70	306.29	265.88	422.19	396.71	252.08	311.37	357.59	148.89	423.83	319.51	413.46	3,954.50
1977	Critical	318.25	287.31	223.63	94.87	97.94	100.50	102.96	22.14	13.89	17.60	15.61	12.41	1,307.11
1978	Above Normal	4.90	40.84	227.29	53.86	95.02	249.54	336.48	341.75	362.36	369.28	383.14	344.96	2,809.42
1979	Below Normal	304.00	275.34	232.31	347.38	321.65	372.49	361.04	350.93	373.94	374.72	392.06	354.89	4,060.75
1980	Above Normal	324.60	294.86	255.07	403.97	471.39	526.23	289.88	322.92	343.91	348.61	368.49	329.28	4,279.21
1981	Dry	297.12	269.70	230.07	488.23	455.14	377.64	312.38	364.40	137.60	457.12	410.28	426.99	4,226.67
1982	Wet	332.05	301.71	233.94	201.47	219.32	517.21	372.52	361.83	396.38	399.46	422.80	378.90	4,137.59
1983	Wet	346.77	347.41	495.96	471.87	455.14	511.81	260.11	271.19	317.61	321.43	288.70	290.65	4,378.65
1984	Wet	281.52	257.61	498.07	471.87	471.39	513.22	318.33	361.00	382.72	385.32	404.46	367.05	4,712.56
1985	Dry	336.91	306.64	358.31	435.81	425.16	396.08	345.32	340.91	361.60	362.24	378.75	342.97	4,390.70
1986	Wet	313.84	285.08	250.23	399.66	360.18	408.88	371.80	370.38	394.24	396.69	418.69	375.01	4,344.68
1987	Dry	343.14	312.67	267.08	489.10	451.55	252.69	218.03	260.71	270.24	266.58	240.30	212.03	3,584.12
1988	Critical	116.98	87.08	73.03	62.05	83.44	93.14	157.74	182.86	181.97	182.01	162.49	142.46	1,525.25
1989	Dry	69.47	52.52	44.78	36.69	72.74	92.72	343.54	399.18	292.99	448.08	405.12	417.82	2,675.65
1990	Critical	323.14	292.14	227.78	99.75	107.03	117.39	198.63	235.26	237.41	235.59	210.71	185.07	2,469.90
1991	Critical	96.59	70.09	59.13	50.57	70.27	90.94	159.98	173.32	105.74	213.53	188.82	166.59	1,445.57
1992	Critical	82.27	53.30	54.67	44.58	66.86	87.30	158.18	183.55	182.07	15.94	15.22	134.17	1,078.11
1993	Above Normal	192.60	14.74	246.89	58.11	175.82	261.43	337.43	351.86	249.97	405.92	419.68	377.25	3,091.70
1994	Critical	323.02	293.52	242.21	298.04	268.85	214.31	286.47	325.83	270.12	358.09	105.86	328.43	3,314.75
1995	Wet	67.21	222.47	420.97	53.50	152.95	230.76	392.25	381.37	404.85	407.69	428.74	386.53	3,549.29
1996	Wet	355.49	323.62	284.48	243.30	274.41	321.79	367.97	355.13	377.65	379.28	397.62	360.28	4,041.02
1997	Wet	330.72	300.80	250.24	471.87	455.14	532.44	332.05	341.78	362.87	365.82	386.44	347.86	4,478.03
1998	Wet	316.34	287.74	246.75	482.29	455.14	470.03	338.36	331.39	335.39	340.30	377.71	338.39	4,319.83
1999	Wet	348.56	321.11	316.97	489.10	455.14	453.21	332.70	357.48	379.39	382.77	402.32	364.44	4,603.19
2000	Above Normal	334.66	304.48	262.88	445.99	414.73	319.05	339.73	382.31	398.28	423.93	432.33	384.83	4,443.20
2001	Dry	306.29	278.36	219.18	159.75	139.73	133.83	228.69	276.22	282.07	280.88	252.29	221.83	2,779.12
2002	Dry	120.98	90.18	73.39	50.67	105.17	169.74	375.36	361.74	366.64	369.55	385.69	348.50	2,817.61
2003	Above Normal	318.86	204.76	335.05	68.92	112.92	169.82	286.39	326.83	31.59	423.39	425.84	377.81	3,082.18
	Average	280.24	255.83	240.33	269.84	275.79	305.64	309.35	326.57	299.17	359.02	355.85	326.14	3,603.76
	Wet	302.51	280.39	269.65	355.27	374.11	433.50	345.19	347.95	366.66	374.56	392.68	354.73	4,197.21
	Above Normal	304.16	242.19	274.13	258.42	280.93	307.32	324.23	348.47	301.26	400.24	414.53	371.03	3,826.92
	Below Normal	282.92	282.96	248.85	279.10	273.39	338.18	331.45	339.37	248.38	415.65	427.05	381.82	3,849.12
	Dry	259.46	241.69	215.33	224.29	214.82	208.44	304.28	339.65	310.74	368.71	350.06	330.07	3,367.55
	Critical	236.09	205.80	170.55	153.65	151.86	134.74	198.66	223.80	192.74	203.54	143.02	148.44	2,162.88

Difference in Energy Use (GWh) At Pumping Plant at Edmonston: Alternative2_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	27.82	28.76	31.91	28.13	14.49
1923	Below Normal	26.57	25.97	19.47	0.00	0.00	81.29	103.95	(183.66)	(319.42)	101.41	102.84	95.59	4.50
1924	Critical	97.21	91.18	85.06	88.83	66.47	24.90	18.03	23.51	(17.57)	(195.95)	(174.83)	(154.40)	(3.96)
1925	Dry	115.90	239.60	276.84	31.72	17.12	(94.29)	(10.36)	(57.95)	(52.74)	(56.61)	(58.98)	(51.50)	24.90
1926	Dry	(42.66)	(38.71)	(30.49)	9.85	(0.96)	6.82	7.46	19.01	21.86	23.16	23.26	20.90	1.63
1927	Wet	17.76	16.57	13.97	9.00	(5.72)	1.51	(5.96)	(6.86)	10.08	10.11	9.59	10.29	6.70
1928	Above Normal	10.31	10.87	6.99	18.00	(5.88)	(10.62)	(10.35)	20.03	(30.69)	52.42	47.50	40.38	12.41
1929	Critical	12.88	12.69	(0.27)	(105.89)	(105.95)	(36.90)	6.72	(7.61)	(7.89)	(7.69)	(6.86)	(104.04)	(29.23)
1930	Dry	37.59	22.54	14.55	11.70	1.42	4.02	0.57	0.16	(0.04)	0.61	1.46	1.29	7.99
1931	Critical	2.15	2.46	1.95	2.49	1.93	2.61	(0.80)	(1.04)	(1.09)	(1.06)	(0.97)	(109.61)	(8.42)
1932	Dry	0.21	58.09	34.59	10.33	1.12	3.37	(0.30)	(0.16)	17.15	16.90	16.59	16.66	14.55
1933	Critical	16.33	16.22	5.41	17.41	0.16	4.77	6.42	4.69	7.59	11.81	17.91	16.50	10.44
1934	Critical	15.13	2.36	43.23	8.93	3.21	(2.45)	(8.20)	(10.69)	(11.24)	(10.99)	(15.28)	0.00	1.17
1935	Below Normal	12.66	(16.94)	(12.60)	(0.84)	(0.67)	(0.20)	2.39	2.93	32.88	17.69	17.93	17.80	6.09
1936	Below Normal	17.75	17.74	12.75	17.07	(0.25)	(11.32)	0.17	0.14	17.38	17.38	17.40	17.38	10.30
1937	Below Normal	17.39	17.37	12.69	(0.08)	0.00	51.07	(5.40)	(5.19)	11.84	11.95	11.89	12.16	11.31
1938	Wet	12.03	12.45	(4.46)	0.00	0.00	(12.38)	2.94	(20.97)	(21.08)	9.69	(3.83)	14.19	(0.95)
1939	Dry	14.10	14.36	14.55	17.23	0.00	(10.77)	(34.54)	6.36	56.93	16.49	11.68	17.33	10.31
1940	Above Normal	19.41	(39.88)	42.26	5.82	(9.89)	(3.13)	(0.13)	(0.16)	16.50	17.18	17.17	17.19	6.86
1941	Wet	17.19	17.19	(0.04)	0.06	(0.02)	(16.30)	0.00	0.00	17.24	17.23	17.23	17.23	7.25
1942	Wet	17.23	17.23	0.00	0.00	0.00	(1.89)	0.39	(0.98)	16.18	16.13	15.92	16.21	8.04
1943	Wet	16.33	16.38	12.64	4.82	0.00	7.71	7.96	(0.10)	17.12	17.00	16.67	16.98	11.13
1944	Dry	17.14	17.14	13.40	(27.44)	(40.18)	(13.78)	(0.69)	(0.44)	13.03	12.56	11.94	12.09	1.23
1945	Below Normal	11.49	11.30	11.74	12.76	(0.29)	(40.23)	0.50	0.49	17.73	17.73	17.75	17.71	6.56
1946	Below Normal	17.71	17.67	15.47	17.23	0.00	1.18	1.45	1.51	18.80	18.79	18.88	18.73	12.29
1947	Dry	18.73	18.60	14.07	19.78	0.58	(0.44)	(0.46)	0.88	10.02	10.57	10.40	10.11	9.40
1948	Below Normal	8.90	8.93	8.43	3.60	(5.10)	(1.88)	0.22	6.66	0.00	0.06	0.15	0.10	2.51
1949	Dry	0.11	0.11	0.11	(0.07)	0.09	(0.25)	(0.07)	0.28	0.24	0.39	0.34	0.26	0.13
1950	Below Normal	(0.06)	(0.05)	(0.18)	(2.88)	(2.57)	(0.81)	(0.06)	(0.06)	9.08	8.99	8.99	9.00	2.45
1951	Above Normal	9.01	9.02	(3.76)	0.00	0.00	0.00	0.00	0.00	17.23	17.23	17.23	17.23	6.93
1952	Wet	17.23	17.23	12.88	17.23	(0.02)	(0.02)	(0.04)	(12.14)	(12.88)	3.58	1.37	5.05	4.12
1953	Wet	6.52	7.14	31.43	17.23	0.00	(38.72)	(73.52)	(5.85)	15.39	13.68	13.97	14.86	0.18
1954	Above Normal	18.33	18.30	15.08	35.40	17.33	12.96	2.15	2.74	20.51	4.22	7.80	7.56	13.53
1955	Dry	7.46	7.37	7.20	7.33	0.12	(0.43)	(2.07)	(2.49)	(0.53)	(0.70)	(0.75)	(0.45)	1.84
1956	Wet	(0.05)	0.11	0.46	(55.42)	0.07	0.11	0.27	0.26	17.50	17.49	17.50	17.49	1.32
1957	Above Normal	17.48	17.46	13.43	17.23	(0.11)	(0.16)	0.14	1.05	17.23	17.26	17.28	17.27	11.30
1958	Wet	17.26	17.26	12.22	17.23	0.01	(0.58)	0.00	0.00	17.24	17.23	17.23	17.23	11.03
1959	Below Normal	17.23	17.23	17.24	17.23	0.00	(10.41)	(7.30)	(8.70)	(49.56)	13.97	12.79	13.02	2.73
1960	Dry	12.52	12.43	12.15	10.58	(1.29)	0.63	0.56	(0.73)	13.52	(3.95)	10.96	(8.45)	4.91
1961	Dry	(5.13)	(5.03)	(3.52)	6.08	5.45	2.11	0.62	0.75	0.76	0.81	3.87	(0.35)	0.54
1962	Below Normal	(0.21)	0.02	0.03	0.00	0.00	0.00	0.00	0.00	17.23	17.24	17.23	17.23	5.73
1963	Wet	17.23	17.24	12.59	17.23	0.00	0.00	0.00	0.00	17.23	17.23	17.23	17.23	11.10
1964	Dry	17.23	17.23	12.64	17.22	(0.14)	0.83	(0.15)	(0.15)	(0.16)	(0.16)	(0.16)	(0.14)	5.34
1965	Wet	(0.15)	(0.13)	(0.13)	1.40	0.83	(2.23)	0.11	0.69	11.69	19.18	19.09	18.89	5.77
1966	Below Normal	18.39	18.30	13.86	14.83	(2.36)	(1.10)	0.02	0.08	15.35	15.73	15.71	15.69	10.38
1967	Wet	15.62	15.62	14.50	15.07	(0.24)	(0.04)	0.10	(0.34)	(0.36)	16.85	16.78	16.89	9.20
1968	Below Normal	16.94	6.15	0.12	17.23	0.00	(13.51)	15.95	4.49	20.98	23.62	23.18	21.72	11.41
1969	Wet	16.14	16.17	9.20	(76.10)	0.00	0.00	(2.48)	(2.38)	(2.47)	14.81	14.76	14.88	0.21
1970	Wet	15.96	15.02	15.17	0.00	0.00	(1.29)	(8.93)	1.26	18.56	18.55	18.61	18.49	9.28
1971	Wet	18.48	18.39	13.94	17.23	0.00	0.65	(0.65)	(0.82)	8.01	14.19	14.07	14.09	9.80
1972	Below Normal	14.04	14.03	14.00	14.30	0.27	0.04	(0.07)	(0.17)	(0.17)	(0.21)	(0.17)	(0.15)	4.65
1973	Above Normal	(0.04)	(0.04)	(0.01)	0.42	0.35	0.84	(0.64)	0.06	17.30	17.30	17.30	17.29	5.84
1974	Wet	17.30	17.29	12.83	17.23	0.00	(23.43)	21.34	(2.69)	14.37	14.20	13.68	14.48	9.72
1975	Wet	14.80	14.94	11.51	9.14	(3.25)	(16.31)	3.57	3.55	20.94	20.92	21.10	20.75	10.14
1976	Critical	20.73	20.46	15.81	21.19	2.95	0.49	(1.71)	(2.05)	(1.46)	(2.35)	1.48	(3.26)	6.02
1977	Critical	(2.79)	(2.59)	(2.18)	(0.29)	(0.26)	(0.10)	10.27	0.00	0.12	0.00	(0.12)	0.00	0.17
1978	Above Normal	0.00	(3.35)	2.04	0.00	0.06	(6.52)	(1.33)	11.15	27.16	32.83	30.82	28.02	10.07
1979	Below Normal	16.13	16.14	6.74	(48.14)	(116.52)	(10.99)	42.41	2.83	20.14	19.97	19.82	20.00	(0.96)
1980	Above Normal	20.27	19.99	15.48	(17.13)	0.00	14.32	(15.93)	(12.95)	3.58	3.12	1.30	4.02	3.01
1981	Dry	4.94	5.77	3.79	27.67	0.00	42.39	6.79	8.63	79.20	15.10	1.50	20.85	18.05
1982	Wet	20.54	20.31	15.09	18.42	1.29	0.06	0.05	0.05	17.29	17.29	17.30	17.29	12.08
1983	Wet	(7.30)	24.66	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.23	17.23	4.32
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	17.24	17.25	17.25	17.25	5.75
1985	Dry	17.25	17.25	12.89	17.22	(0.01)	(0.02)	0.01	0.01	14.73	14.73	14.73	14.72	10.29
1986	Wet	14.73	14.72	14.72	14.72	0.00	(121.36)	27.67	0.17	17.41	17.42	17.44	17.39	2.92
1987	Dry	17.37	17.36	11.10	17.23	0.03	0.12	(7.20)	(9.38)	(3.49)	(3.28)	(2.31)	(1.30)	3.02
1988	Critical	1.31	2.29	3.74	4.91	(0.72)	(0.23)	0.01	0.00	0.01	0.00	0.01	0.01	0.95
1989	Dry	0.01	0.01	0.00	(0.08)	(0.08)	(0.11)	(0.33)	(0.41)	(2.39)	(0.02)	(12.54)	3.92	(1.00)
1990	Critical	3.20	2.92	2.30	(0.09)	(0.03)	0.01	0.04	0.05	0.05	0.05	0.05	0.04	0.72
1991	Critical	0.02	0.02	0.01	0.00	(0.01)	(0.01)	(0.04)	(4.15)	0.05	1.11	0.89	0.81	(0.11)
1992	Critical	0.46	(3.84)	2.78	1.57	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	0.00	0.00	(1.17)	(0.02)
1993	Above Normal	(1.05)	(1.72)	3.87	0.00	(0.20)	(0.86)	(0.03)	0.41	12.92	18.70	18.61	18.44	5.76
1994	Critical	17.96	17.90	13.17	15.21	(1.76)	(0.82)	0.02	0.02	0.58	(0.09)	0.00	(0.06)	5.18
1995	Wet	(0.03)	(0.01)	(0.08)	0.00	(0.02)	(0.02)	0.01	0.01	17.24	17.24	17.24	17.23	5.73
1996	Wet	17.24	17.23	17.23	(196.36)	(176.85)	(80.10)	(7.53)	(7.59)	9.29	9.26	8.95	9.91	(31.61)
1997	Wet	10.10	10.59	(3.21)	0.00	0.00	0.54	1.70	0.88	18.14	18.12	18.14	18.10	7.76
1998	Wet	18.13	18.05	13.97	17.88	0.00	(0.47)	(0.29)	(12.56)	(13.33)	(14.12)	0.82	4.62	2.73
1999	Wet	31.72	(0.94)	18.89	17.23	0.00	(30.91)	(21.24)	1.00	18.28	18.28	18.37	18.24	7.41
2000	Above Normal	18.22	18.14	13.52	19.11	2.34	(2.89)	(0.87)	1.74	18.67	19.79	19.43	18.87	12.17
2001	Dry	16.33	16.38	10.99	4.69	(11.21)	(3.13)	1.65	2.15	4.68	4.63	4.39	4.16	4.64
2002	Dry	3.55	3.33	2.99	2.56	0.30	(0.17)	(1.10)	(1.09)	(1.14)	(1.14)	(1.20)	(1.09)	0.48
2003	Above Normal	(1.09)	9.67	(11.53)	3.70	3.36	1.25	(0.05)	(0.06)	10.32	10.29	10.28	10.29	3.87
	Average	13.23	13.89	12.70	3.71	(4.44)	(4.35)	0.86	(2.95)	4.61	8.87	9.17	7.40	5.23
	Wet	13.15	13.10	9.44	(4.49)	(7.07)	(12.90)	(2.10)	(2.52)	10.24	13.80	14.37	15.48	5.04
	Above Normal	9.24	4.87	8.11	10.06	0.75	0.52	(1.72)	2.83	13.21	19.93	19.72	18.72	8.85
	Below Normal	13.92	10.99	8.55	4.45	(9.11)	3.08	11.02	(12.76)	(13.41)	20.31	20.31	19.71	6.43
	Dry	14.04	23.55	22.66	10.20	(1.54)	(3.51)	(2.20)	(1.92)	9.54	2.78	1.95	3.28	6.57
	Critical	15.38	13.51	14.25	4.52	(2.84)	(0.64)	2.56	0.23	(2.57)	(17.10)	(14.81)	(29.60)	(1.42)

Percent Difference in Energy Use (GWh) At Pumping Plant at Edmonston: Alternative2_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%	9%	9%
1923	Below Normal	9%	10%	8%	0%	0%	18%	33%	-52%	-92%	27%	27%	28%
1924	Critical	36%	38%	44%	55%	42%	18%	10%	11%	-8%	-92%	-92%	-93%
1925	Dry	138%	383%	522%	70%	24%	-42%	-4%	-15%	-14%	-14%	-14%	-14%
1926	Dry	-15%	-15%	-16%	10%	-1%	4%	3%	6%	7%	7%	7%	7%
1927	Wet	7%	8%	8%	10%	-4%	0%	-2%	-2%	3%	3%	2%	3%
1928	Above Normal	3%	4%	3%	4%	-1%	-4%	-3%	6%	-8%	14%	12%	12%
1929	Critical	4%	4%	0%	-29%	-31%	-19%	4%	-4%	-4%	-4%	-4%	-70%
1930	Dry	49%	39%	30%	29%	2%	4%	0%	0%	0%	0%	0%	0%
1931	Critical	1%	2%	2%	3%	2%	3%	0%	0%	0%	0%	0%	-58%
1932	Dry	0%	76%	55%	18%	1%	2%	0%	0%	6%	5%	5%	6%
1933	Critical	8%	9%	4%	21%	0%	4%	3%	2%	3%	4%	7%	7%
1934	Critical	11%	2%	54%	13%	4%	-2%	-4%	-4%	-4%	-4%	-50%	0%
1935	Below Normal	9%	-6%	-6%	-1%	-1%	0%	1%	1%	14%	4%	4%	5%
1936	Below Normal	6%	6%	6%	17%	0%	-3%	0%	0%	4%	4%	4%	5%
1937	Below Normal	5%	6%	5%	0%	0%	11%	-2%	-1%	3%	3%	3%	3%
1938	Wet	4%	4%	-2%	0%	0%	-2%	1%	-6%	-6%	3%	-1%	4%
1939	Dry	5%	5%	6%	4%	0%	-2%	-9%	2%	37%	4%	4%	4%
1940	Above Normal	6%	-19%	12%	9%	-13%	-2%	0%	0%	5%	4%	4%	5%
1941	Wet	6%	7%	0%	0%	0%	-3%	0%	0%	5%	5%	5%	6%
1942	Wet	6%	7%	0%	0%	0%	0%	0%	0%	5%	5%	4%	5%
1943	Wet	6%	6%	6%	1%	0%	2%	2%	0%	5%	4%	4%	5%
1944	Dry	5%	6%	5%	-8%	-13%	-7%	0%	0%	4%	4%	4%	4%
1945	Below Normal	6%	7%	9%	13%	0%	-8%	0%	0%	5%	5%	5%	5%
1946	Below Normal	5%	6%	5%	4%	0%	0%	0%	0%	5%	5%	5%	6%
1947	Dry	6%	7%	6%	5%	0%	0%	0%	0%	3%	3%	3%	3%
1948	Below Normal	3%	3%	4%	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%	70%	2%	2%	2%
1951	Above Normal	3%	3%	-1%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1952	Wet	5%	6%	5%	4%	0%	0%	0%	-4%	-4%	1%	0%	2%
1953	Wet	3%	3%	9%	4%	0%	-7%	-17%	-2%	5%	4%	4%	5%
1954	Above Normal	7%	7%	7%	12%	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%	0%	-14%	0%	0%	0%	0%	4%	4%	4%	5%
1957	Above Normal	5%	6%	5%	4%	0%	0%	0%	0%	119%	4%	4%	5%
1958	Wet	6%	7%	6%	20%	0%	0%	0%	0%	4%	4%	4%	5%
1959	Below Normal	5%	6%	6%	4%	0%	-2%	-2%	-2%	-29%	3%	3%	3%
1960	Dry	4%	5%	6%	11%	-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%	128%	4%	4%	4%
1963	Wet	6%	6%	6%	9%	0%	0%	0%	0%	5%	5%	5%	5%
1964	Dry	6%	6%	4%	5%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	4%	6%	5%	6%
1966	Below Normal	6%	7%	6%	3%	-1%	0%	0%	0%	5%	4%	4%	4%
1967	Wet	6%	6%	7%	12%	0%	0%	0%	0%	0%	5%	4%	5%
1968	Below Normal	5%	2%	0%	4%	0%	-3%	4%	1%	6%	7%	6%	7%
1969	Wet	6%	7%	5%	-22%	0%	0%	-1%	-1%	-1%	4%	4%	4%
1970	Wet	5%	6%	7%	0%	0%	0%	-3%	0%	5%	5%	5%	5%
1971	Wet	6%	6%	6%	4%	0%	0%	0%	0%	2%	4%	4%	4%
1972	Below Normal	5%	6%	8%	14%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	5%	5%	4%	5%
1974	Wet	5%	6%	5%	4%	0%	-5%	6%	-1%	4%	4%	4%	4%
1975	Wet	5%	5%	5%	2%	-1%	-4%	1%	1%	6%	6%	6%	6%
1976	Critical	7%	7%	6%	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%	-8%	1%	0%	0%	-3%	0%	3%	8%	10%	9%	9%
1979	Below Normal	6%	6%	3%	-12%	-27%	-3%	13%	1%	6%	6%	5%	6%
1980	Above Normal	7%	7%	6%	-4%	0%	3%	-5%	-4%	1%	1%	0%	1%
1981	Dry	2%	2%	2%	6%	0%	13%	2%	2%	136%	3%	0%	5%
1982	Wet	7%	7%	7%	10%	1%	0%	0%	0%	5%	5%	4%	5%
1983	Wet	-2%	8%	0%	0%	0%	0%	0%	0%	0%	0%	6%	6%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	5%	5%	4%	5%
1985	Dry	5%	6%	4%	4%	0%	0%	0%	0%	4%	4%	4%	4%
1986	Wet	5%	5%	6%	4%	0%	-23%	8%	0%	5%	5%	4%	5%
1987	Dry	5%	6%	4%	4%	0%	0%	-3%	-3%	-1%	-1%	-1%	-1%
1988	Critical	1%	3%	5%	9%	-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%	-7%	5%	4%	0%	0%	0%	0%	0%	0%	0%	-1%
1993	Above Normal	-1%	-10%	2%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1994	Critical	6%	6%	6%	5%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	5%
1996	Wet	5%	6%	6%	-45%	-39%	-20%	-2%	-2%	3%	3%	2%	3%
1997	Wet	3%	4%	-1%	0%	0%	0%	1%	0%	5%	5%	5%	5%
1998	Wet	6%	7%	6%	4%	0%	0%	0%	-4%	-4%	-4%	0%	1%
1999	Wet	10%	0%	6%	4%	0%	-6%	-6%	0%	5%	5%	5%	5%
2000	Above Normal	6%	6%	5%	4%	1%	-1%	0%	0%	5%	5%	5%	5%
2001	Dry	6%	6%	5%	3%	-7%	-2%	1%	1%	2%	2%	2%	2%
2002	Dry	3%	4%	4%	5%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	5%	-3%	6%	3%	1%	0%	0%	49%	2%	2%	3%
	Average	6%	10%	12%	5%	-1%	-1%	1%	-1%	7%	2%	1%	1%
	Wet	4%	5%	4%	0%	-2%	-3%	0%	-1%	3%	4%	4%	5%
	Above Normal	3%	0%	3%	7%	0%	0%	-1%	1%	17%	5%	5%	5%
	Below Normal	5%	4%	4%	3%	-2%	1%	3%	-4%	9%	5%	5%	6%
	Dry	12%	30%	36%	10%	1%	-2%	-1%	-1%	10%	1%	1%	1%
	Critical	6%	5%	11%	7%	1%	0%	2%	0%	-1%	-8%	-12%	-18%

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: Alternative2_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	0.32	0.29	0.22	0.30	0.38	0.72	0.75	0.06	0.50	4.61
1925	Dry	0.38	0.31	0.29	0.12	0.11	0.19	0.55	0.91	1.11	1.16	0.97	0.72	6.82
1926	Dry	0.36	0.27	0.24	0.12	0.11	0.23	0.40	1.00	1.21	1.27	1.07	0.78	7.06
1927	Wet	0.40	0.30	0.27	0.15	0.21	0.41	0.68	0.95	1.17	1.21	1.07	0.75	7.57
1928	Above Normal	0.56	0.38	0.34	0.66	0.61	0.35	0.68	1.03	1.26	1.31	1.13	0.81	9.12
1929	Critical	0.50	0.36	0.32	0.35	0.32	0.21	0.23	0.29	0.55	0.58	0.51	0.25	4.47
1930	Dry	0.15	0.13	0.14	0.09	0.11	0.16	0.45	0.68	0.96	1.00	0.86	0.55	5.28
1931	Critical	0.30	0.23	0.22	0.09	0.09	0.14	0.31	0.39	0.73	0.76	0.67	0.34	4.27
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	0.19	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	0.76	0.79	0.69	0.35	4.34
1935	Below Normal	0.22	0.18	0.19	0.09	0.12	0.19	0.66	1.10	1.33	1.39	1.17	0.86	7.50
1936	Below Normal	0.44	0.33	0.29	0.10	0.17	0.47	0.71	1.01	1.25	1.29	1.15	0.80	8.01
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	0.66	0.90	1.23	1.52	1.58	1.40	0.98	11.71
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	1.22	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	1.00	1.23	1.28	1.09	0.79	9.71
1969	Wet	0.45	0.32	0.29	0.41	0.50	0.44	0.83	1.13	1.38	1.43	1.27	0.89	9.34
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	1.07	0.79	8.89
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	0.13	0.57	0.49	0.08	0.18	0.35	0.67	0.95	1.17	1.22	1.06	0.75	7.62
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	0.91	1.12	1.16	1.03	0.72	8.93
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	1.39	1.44	1.28	0.89	10.61
1999	Wet	0.75	0.53	0.49	0.88	0.90	0.58	0.67	0.96	1.19	1.23	1.09	0.76	10.03
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	8.10
	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	0.48	0.38	0.34	0.40	0.44	0.41	0.67	1.02	1.23	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	1.29	1.11	0.80	8.58
	Dry	0.45	0.32	0.31	0.35	0.32	0.28	0.57	0.89	1.13	1.18	1.01	0.71	7.52
	Critical	0.36	0.27	0.25	0.21	0.19	0.18	0.33	0.46	0.70	0.72	0.55	0.47	4.69

Difference in Energy Use (GWh) At Pumping Plant at Las Perillas: Alternative2_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	0.13	0.11	0.04	0.03	0.04	0.08	0.09	(0.52)	0.21	0.02
1925	Dry	0.20	0.16	0.13	0.03	0.02	(0.11)	(0.11)	(0.18)	(0.21)	(0.22)	(0.19)	(0.13)	(0.05)
1926	Dry	(0.07)	(0.05)	(0.05)	0.03	0.00	0.02	0.03	0.05	0.07	0.07	0.06	0.04	0.02
1927	Wet	0.02	0.02	0.02	0.00	(0.02)	0.00	(0.01)	(0.02)	(0.02)	(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	0.10	0.12	0.12	0.08	0.08	0.04
1929	Critical	(0.04)	(0.01)	(0.01)	(0.21)	(0.18)	(0.06)	0.01	(0.01)	(0.02)	(0.02)	(0.02)	(0.01)	(0.05)
1930	Dry	(0.01)	(0.01)	(0.01)	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00
1931	Critical	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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)	(0.03)	(0.03)	(0.04)	(0.01)	(0.01)
1935	Below Normal	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.01	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	0.01	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	0.12	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	0.00	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	0.02	0.03	0.03	0.02	0.02	0.01
1969	Wet	(0.01)	(0.01)	0.00	(0.05)	0.13	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)	(0.01)	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	(0.29)	0.26	0.20	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	(0.07)	(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	0.01	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)	(0.18)	(0.19)	(0.16)	(0.12)	(0.07)
1999	Wet	(0.01)	(0.06)	(0.06)	(0.07)	(0.05)	(0.09)	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	(0.02)	0.02	0.02	0.00	0.00	0.02	0.01	0.02	0.01	0.04	0.03	0.02	0.01
	Below Normal	0.01	0.00	0.00	(0.00)	(0.00)	0.02	0.00	(0.00)	(0.00)	(0.01)	(0.00)	(0.00)	(0.00)
	Dry	0.00	0.00	0.00	(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)	(0.01)	(0.01)	(0.00)	0.00	0.01	0.00	(0.00)	(0.05)	0.01	(0.00)

Percent Difference in Energy Use (GWh) At Pumping Plant at Las Perillas: Alternative2_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%	68%	61%	22%	11%	12%	13%	14%	-90%	72%
1925	Dry	111%	107%	81%	33%	22%	-37%	-17%	-17%	-16%	-16%	-16%	-15%
1926	Dry	-16%	-16%	-17%	33%	0%	10%	8%	5%	6%	6%	6%	5%
1927	Wet	5%	7%	8%	0%	-9%	0%	-1%	-2%	-2%	-2%	-2%	-1%
1928	Above Normal	-2%	-3%	-3%	-3%	-3%	-3%	1%	11%	11%	10%	8%	11%
1929	Critical	-7%	-3%	-3%	-38%	-36%	-22%	5%	-3%	-4%	-3%	-4%	-4%
1930	Dry	-6%	-7%	-7%	13%	0%	0%	0%	1%	0%	0%	0%	2%
1931	Critical	0%	0%	0%	13%	0%	0%	0%	0%	-1%	-1%	-1%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	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%	-4%	-4%	-5%	-3%
1935	Below Normal	-4%	-5%	-5%	0%	0%	0%	0%	1%	1%	1%	1%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	1%	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%	22%	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%	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%	2%	3%	2%	2%	3%
1969	Wet	-2%	-3%	0%	-11%	35%	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%	-1%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-16%
1978	Above Normal	-69%	84%	69%	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%	1%	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%	-12%	-11%	-12%
1999	Wet	-1%	-10%	-11%	-7%	-5%	-13%	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	1%	2%	2%	0%	0%	1%	0%	0%	0%	0%	-1%	1%
	Wet	0%	0%	0%	-3%	-1%	-1%	0%	-1%	-1%	-1%	-1%	-1%
	Above Normal	-5%	8%	6%	1%	0%	5%	1%	3%	1%	3%	3%	3%
	Below Normal	1%	1%	1%	-1%	-1%	4%	0%	0%	0%	0%	0%	0%
	Dry	5%	4%	3%	3%	-1%	-2%	0%	-1%	-1%	-1%	-1%	-1%
	Critical	0%	0%	0%	4%	2%	0%	2%	1%	1%	-1%	-8%	6%

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: Alternative2_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	19.19	20.37	20.52	18.95	217.67
1923	Below Normal	15.97	14.78	12.10	19.81	17.26	26.97	25.38	16.93	1.63	26.60	25.34	21.92	224.69
1924	Critical	17.87	16.50	12.39	10.02	7.99	7.88	10.27	9.93	9.47	0.98	0.93	0.76	104.99
1925	Dry	10.58	11.54	10.18	4.61	3.90	7.26	17.22	17.12	16.58	19.71	18.10	14.84	151.64
1926	Dry	10.46	9.57	5.81	5.59	4.61	9.27	12.80	18.42	17.76	21.12	19.36	15.84	150.61
1927	Wet	11.34	10.39	6.39	3.88	4.77	20.28	22.22	20.44	20.79	22.05	22.22	20.61	185.38
1928	Above Normal	17.78	16.33	13.50	15.67	14.42	10.44	21.94	21.01	20.91	24.26	23.32	20.39	219.97
1929	Critical	16.62	15.28	11.57	9.94	8.30	7.51	8.55	8.13	7.44	8.94	6.82	3.27	112.37
1930	Dry	1.73	0.66	0.11	2.61	3.78	6.58	14.32	14.06	13.44	15.95	13.62	10.70	97.56
1931	Critical	5.78	4.89	2.19	4.04	3.84	6.16	10.52	10.19	9.68	11.68	8.78	6.41	84.16
1932	Dry	2.73	2.56	0.52	3.99	3.69	7.95	15.33	15.17	15.22	17.94	16.23	13.30	114.63
1933	Critical	8.81	7.96	4.15	5.07	4.10	7.38	12.33	13.00	12.67	15.11	12.34	9.50	112.42
1934	Critical	4.30	3.51	2.39	4.07	3.48	6.33	10.77	10.42	9.96	11.96	0.94	0.76	68.89
1935	Below Normal	6.97	7.47	4.40	3.64	3.97	7.43	19.98	20.22	20.37	25.75	23.71	19.51	163.42
1936	Below Normal	14.73	13.63	8.79	5.66	4.33	26.97	18.80	21.62	22.00	23.34	23.52	21.81	205.20
1937	Below Normal	18.99	17.46	14.51	14.35	20.11	26.97	17.47	19.75	20.07	21.33	21.48	19.84	232.33
1938	Wet	16.89	15.61	12.18	17.81	24.36	26.97	16.24	17.90	17.34	19.32	19.45	17.90	221.97
1939	Dry	14.83	13.81	12.59	13.57	23.96	26.97	20.49	19.99	20.11	25.46	23.78	22.04	237.60
1940	Above Normal	17.51	16.16	19.25	4.67	3.64	10.12	19.73	20.26	20.39	24.96	22.98	18.92	198.59
1941	Wet	14.21	13.14	7.82	6.13	9.44	26.97	14.14	16.72	16.90	18.01	18.12	16.68	178.28
1942	Wet	13.63	12.66	9.48	13.55	15.74	26.97	24.89	18.57	18.87	20.05	20.19	18.68	213.28
1943	Wet	15.77	14.52	11.86	14.88	17.95	26.97	23.60	20.83	21.12	22.46	22.65	20.98	233.59
1944	Dry	18.06	16.69	13.84	13.34	11.16	9.43	15.12	15.00	14.82	17.58	15.58	12.61	173.23
1945	Below Normal	7.92	7.02	4.01	5.94	4.55	23.43	18.76	20.79	21.17	22.47	22.61	20.99	179.66
1946	Below Normal	18.16	16.67	23.05	14.51	17.71	22.18	21.27	19.65	19.94	21.17	21.34	19.79	235.44
1947	Dry	16.92	15.56	12.79	15.80	13.42	12.24	21.82	20.94	20.71	23.41	22.39	19.45	215.45
1948	Below Normal	15.58	14.32	10.61	9.20	7.81	7.23	11.12	17.96	0.83	25.23	23.14	18.90	161.93
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	1.27	25.11	23.04	18.90	161.97
1951	Above Normal	14.16	13.05	12.92	21.30	24.36	26.97	17.19	20.15	20.49	21.69	21.87	20.30	234.45
1952	Wet	17.43	16.03	13.22	21.03	20.80	19.04	17.00	15.42	14.61	16.56	16.67	15.33	203.14
1953	Wet	12.27	11.37	18.41	16.04	18.97	26.97	21.63	18.23	18.39	20.25	19.82	17.82	220.17
1954	Above Normal	14.48	13.31	10.17	13.12	11.99	17.06	19.96	20.07	19.52	23.31	21.75	17.85	202.59
1955	Dry	13.16	12.14	7.76	4.65	4.32	9.38	16.94	16.90	16.09	19.18	17.67	14.45	152.64
1956	Wet	10.08	9.20	5.50	17.61	25.23	26.97	19.71	21.77	22.17	23.49	23.68	21.97	227.38
1957	Above Normal	19.10	17.63	14.69	17.79	15.49	14.71	16.92	16.78	1.77	24.60	22.62	18.65	200.75
1958	Wet	13.96	12.88	8.21	2.72	11.55	23.95	18.99	21.20	21.55	22.88	23.10	21.32	202.31
1959	Below Normal	18.38	17.03	14.36	19.78	18.05	25.37	18.71	18.62	9.88	24.91	22.84	18.76	226.69
1960	Dry	14.07	12.95	8.46	4.98	3.95	7.14	21.22	21.16	20.52	25.62	23.67	21.40	185.14
1961	Dry	16.66	15.32	10.42	5.52	5.25	6.96	18.15	18.06	17.32	20.61	18.90	16.41	169.58
1962	Below Normal	4.07	20.87	8.79	3.75	3.35	9.51	18.34	18.42	1.71	25.92	23.85	19.65	158.23
1963	Wet	14.86	13.75	8.91	10.21	11.79	19.15	20.87	19.40	19.67	20.85	21.05	19.54	200.05
1964	Dry	16.68	15.32	21.76	11.14	12.85	14.10	22.37	20.24	19.72	20.96	21.14	19.54	215.82
1965	Wet	16.73	15.28	12.70	18.35	20.39	19.10	20.58	18.78	18.97	20.61	20.57	18.83	220.89
1966	Below Normal	15.82	14.50	11.59	19.32	20.43	18.83	19.05	18.96	18.94	22.55	20.95	17.43	218.37
1967	Wet	13.01	12.01	7.91	4.25	12.34	19.55	22.01	20.17	19.61	21.79	21.96	20.31	194.92
1968	Below Normal	17.40	15.50	13.44	18.51	17.09	26.97	22.85	18.52	18.69	21.42	20.20	17.28	227.87
1969	Wet	13.25	12.21	8.37	11.69	24.36	26.97	15.73	18.16	17.52	19.58	19.72	18.15	205.71
1970	Wet	17.87	11.22	11.60	21.00	18.58	26.97	18.34	20.22	20.57	21.80	21.94	20.34	230.45
1971	Wet	17.50	16.08	13.28	18.77	19.09	20.50	18.34	18.65	18.55	22.17	20.40	16.78	220.11
1972	Below Normal	12.22	11.29	7.19	2.89	9.41	17.45	19.79	19.50	18.76	21.94	20.44	17.07	177.95
1973	Above Normal	12.78	11.73	7.76	4.20	14.16	25.21	18.04	20.85	21.24	22.43	22.61	20.97	201.98
1974	Wet	18.14	16.67	13.82	18.72	20.95	26.97	23.78	19.89	20.27	21.44	21.60	20.01	242.26
1975	Wet	17.11	15.76	12.98	17.91	16.90	25.09	22.74	20.69	21.07	22.27	22.46	20.85	235.83
1976	Critical	18.00	16.53	13.69	15.59	13.71	12.07	18.78	18.88	13.97	24.04	22.00	19.87	207.13
1977	Critical	15.05	13.79	8.97	4.41	4.00	5.78	8.30	2.09	0.94	1.02	0.95	0.77	66.07
1978	Above Normal	0.32	0.52	0.16	3.50	3.66	15.95	20.32	19.06	19.31	21.02	20.70	18.66	143.18
1979	Below Normal	15.43	14.14	11.04	13.08	11.19	21.94	21.79	19.79	20.13	21.29	21.45	19.89	211.16
1980	Above Normal	17.01	15.63	12.89	14.24	21.06	26.97	15.02	17.47	17.69	18.87	19.00	17.50	213.35
1981	Dry	14.49	13.42	10.85	17.69	15.80	20.73	18.85	19.23	11.16	25.90	23.79	20.47	212.38
1982	Wet	15.63	14.43	9.43	9.49	11.16	26.97	19.39	18.85	20.59	21.86	22.02	20.31	210.13
1983	Wet	17.33	20.80	26.97	14.60	24.36	26.97	13.28	13.21	17.13	15.74	11.62	14.48	216.49
1984	Wet	13.24	12.50	26.97	16.96	25.23	26.97	17.41	20.46	20.74	22.06	22.22	20.63	245.39
1985	Dry	17.76	16.34	22.74	13.23	15.87	22.74	21.04	19.43	19.68	20.82	20.96	19.43	230.04
1986	Wet	16.59	15.22	12.68	14.13	12.08	24.07	21.22	20.23	20.61	21.82	22.04	20.32	221.01
1987	Dry	17.37	16.09	13.16	14.78	15.40	10.68	11.09	10.80	10.75	12.70	9.70	7.19	149.71
1988	Critical	1.72	0.83	0.42	2.77	3.72	5.66	8.52	7.96	7.28	8.78	6.66	4.91	59.23
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	15.07	13.86	8.99	4.51	4.25	6.52	10.27	9.87	9.41	11.28	8.50	6.24	108.77
1991	Critical	1.01	0.28	0.08	2.05	3.25	5.51	8.59	8.10	7.59	10.27	7.71	5.65	60.09
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	4.94	0.32	5.91	3.54	9.90	17.05	20.35	19.26	19.44	22.91	22.15	19.53	165.30
1994	Critical	15.90	14.62	10.96	11.77	9.44	11.21	17.38	17.27	16.41	20.34	8.41	18.95	172.66
1995	Wet	2.56	23.15	17.90	3.71	8.29	14.36	23.27	21.19	21.56	22.88	23.11	21.38	203.36
1996	Wet	18.48	17.07	14.40	12.64	15.56	20.71	22.29	20.15	20.48	21.72	21.90	20.30	225.70
1997	Wet	17.45	16.04	12.74	21.09	22.72	26.97	18.92	18.86	19.09	20.26	20.44	18.90	233.48
1998	Wet	15.94	14.73	12.03	17.63	20.94	26.97	19.96	18.12	17.49	18.72	19.77	18.23	220.53
1999	Wet	18.02	16.89	15.01	15.62	24.36	26.97	19.13	20.23	20.53	21.86	22.07	20.46	241.15
2000	Above Normal	17.60	16.19	13.34	16.26	15.56	16.23	20.41	20.32	20.40	23.95	22.33	18.71	221.30
2001	Dry	14.28	13.21	8.81	6.64	5.20	7.06	11.50	11.33	11.11	13.39	10.13	7.43	120.09
2002	Dry	1.74	0.85	0.20	0.19	3.66	9.69	22.94	20.77	20.22	21.58	21.79	20.15	143.78
2003	Above Normal	17.33	15.84	18.53	2.31	4.86	10.02	17.44	17.37	1.25	24.08	22.16	18.19	169.38
	Average	13.45	12.75	10.65	10.50	12.09	17.03	17.95	17.60	16.11	19.99	18.82	16.85	183.79
	Wet	14.97	14.60	12.72	13.86	17.61	24.24	19.83	19.17	19.47	20.87	20.80	19.27	217.42
	Above Normal	15.00	13.27	12.00	10.32	12.40	17.36	19.01	19.29	16.80	22.70	21.83	19.05	199.04
	Below Normal	14.07	14.19	11.03	11.14	11.44	19.16	19.40	19.21	13.96	23.50	22.42	19.41	198.92
	Dry	12.00	11.07	9.36	8.05	8.61	11.23	17.98	17.80	16.97	20.56	19.00	16.35	168.96
	Critical	10.07	9.03	6.33	6.33	5.78	7.30	11.07	10.32	9.34	10.45	7.08	7.20	100.29

Difference in Energy Use (GWh) At Pumping Plant at Oso: Alternative2_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	0.92	0.95	0.95	0.88	0.53
1923	Below Normal	0.80	0.90	0.67	(2.24)	(7.04)	1.29	6.71	(1.69)	(16.14)	5.74	5.86	5.60	0.04
1924	Critical	5.77	5.40	5.07	3.57	2.12	0.76	0.77	0.85	0.95	(9.18)	(6.77)	(4.90)	0.37
1925	Dry	9.93	11.27	10.09	3.02	0.58	(10.04)	1.53	(2.88)	(2.64)	(3.22)	(2.92)	(2.34)	1.03
1926	Dry	(2.07)	(1.95)	(1.42)	1.04	0.05	0.35	0.96	0.96	1.11	1.30	1.20	1.01	0.21
1927	Wet	0.91	0.88	0.70	0.68	(0.76)	(0.09)	(0.34)	(0.37)	0.49	0.47	0.47	0.49	0.29
1928	Above Normal	0.49	0.51	0.32	1.06	(0.64)	(0.85)	(0.79)	0.26	0.73	2.73	1.68	0.44	0.50
1929	Critical	(0.44)	(0.31)	(1.30)	(3.00)	(3.26)	(1.10)	0.28	(0.28)	(0.31)	(0.36)	(0.26)	(1.92)	(1.02)
1930	Dry	1.27	0.40	0.00	1.40	0.03	0.02	0.10	0.11	0.09	0.10	0.16	0.15	0.32
1931	Critical	0.20	0.20	0.15	0.16	0.01	(0.01)	(0.03)	(0.04)	(0.04)	(0.05)	(0.04)	(0.03)	0.04
1932	Dry	1.58	2.13	0.41	1.28	(0.01)	0.00	(0.05)	(0.05)	0.84	0.82	0.81	0.81	0.71
1933	Critical	0.79	0.79	0.26	0.89	0.01	0.29	0.70	0.80	0.89	1.00	1.29	1.22	0.74
1934	Critical	1.44	1.59	2.29	0.46	0.12	(0.13)	(0.35)	(0.39)	(0.43)	(0.51)	0.00	0.00	0.34
1935	Below Normal	(0.43)	(0.79)	(0.63)	0.00	0.00	0.00	0.13	0.14	1.03	0.88	0.88	0.87	0.17
1936	Below Normal	0.87	0.88	0.62	0.84	(0.01)	0.00	0.01	0.01	0.89	0.88	0.89	0.88	0.56
1937	Below Normal	0.88	0.88	0.65	(0.01)	(0.13)	0.00	(0.35)	(0.33)	0.54	0.52	0.51	0.53	0.31
1938	Wet	0.52	0.54	(0.30)	0.09	3.41	0.73	0.56	(0.20)	(0.20)	0.66	0.66	0.67	0.59
1939	Dry	0.66	0.68	0.69	(5.37)	(0.40)	0.00	(2.05)	0.46	5.82	0.88	0.96	1.13	0.29
1940	Above Normal	1.20	1.17	3.15	0.45	(0.36)	(0.15)	0.00	(0.01)	0.87	0.88	0.87	0.88	0.75
1941	Wet	0.87	0.88	0.00	0.01	0.00	0.00	0.00	0.00	0.87	0.87	0.87	0.88	0.44
1942	Wet	0.88	0.88	0.00	(10.39)	(0.12)	0.00	0.06	(0.02)	0.85	0.85	0.85	0.86	(0.44)
1943	Wet	0.86	0.85	0.66	(0.46)	(1.20)	0.00	0.58	0.05	0.93	0.93	0.93	0.93	0.42
1944	Dry	0.94	0.93	0.72	0.03	(0.76)	(0.22)	(0.09)	(0.09)	0.60	0.58	0.54	0.55	0.31
1945	Below Normal	0.52	0.51	0.56	0.63	(0.01)	(0.26)	0.03	0.03	0.90	0.91	0.90	0.91	0.47
1946	Below Normal	0.91	0.90	0.67	0.87	0.00	0.07	0.08	0.08	0.96	0.97	0.96	0.96	0.62
1947	Dry	0.96	0.95	0.73	0.98	0.00	(0.08)	(0.04)	0.00	0.47	0.53	0.48	0.44	0.45
1948	Below Normal	0.39	0.41	0.36	0.29	(0.15)	(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	0.00	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)	0.46	0.46	0.45	0.46	0.13
1951	Above Normal	0.46	0.46	(0.46)	0.00	0.00	0.00	0.00	0.00	0.88	0.88	0.87	0.88	0.33
1952	Wet	0.87	0.87	0.65	1.29	0.00	(0.01)	0.00	(0.24)	(0.26)	0.58	0.58	0.66	0.42
1953	Wet	0.72	0.66	0.69	(1.01)	3.51	0.00	(4.48)	(0.24)	0.88	0.71	0.84	0.99	0.27
1954	Above Normal	1.11	1.09	0.97	1.44	0.69	0.81	0.11	0.13	0.45	0.31	0.35	0.36	0.65
1955	Dry	0.34	0.35	0.34	0.41	0.00	(0.03)	(0.12)	(0.12)	(0.02)	(0.06)	(0.04)	(0.01)	0.09
1956	Wet	(0.01)	0.00	0.03	(0.06)	0.00	0.00	0.01	0.02	0.89	0.89	0.89	0.89	0.30
1957	Above Normal	0.89	0.89	0.69	1.95	(0.01)	(0.01)	0.01	0.01	0.88	0.88	0.87	0.87	0.66
1958	Wet	0.88	0.87	0.61	0.88	0.00	0.00	0.00	0.00	0.88	0.87	0.87	0.87	0.56
1959	Below Normal	0.87	0.87	0.88	0.95	0.08	(1.00)	(0.39)	(0.42)	(7.07)	0.84	0.81	0.77	(0.23)
1960	Dry	0.77	0.74	0.71	0.59	(0.02)	0.03	0.05	0.00	0.01	(0.05)	(0.01)	(0.18)	0.22
1961	Dry	(0.13)	(0.12)	(0.03)	0.19	0.17	0.06	0.04	0.03	0.04	0.05	0.04	(0.02)	0.03
1962	Below Normal	(0.48)	0.11	0.13	0.00	0.00	0.00	0.00	0.00	0.87	0.87	0.87	0.87	0.27
1963	Wet	0.88	0.88	0.64	0.88	0.00	0.00	0.00	0.00	0.88	0.88	0.87	0.88	0.57
1964	Dry	0.88	0.88	0.64	0.87	(0.03)	0.09	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.27
1965	Wet	(0.01)	(0.01)	(0.01)	0.05	0.01	(0.22)	0.01	0.03	0.90	0.99	0.97	0.95	0.31
1966	Below Normal	0.94	0.93	0.70	0.78	(0.10)	(0.06)	0.00	0.00	0.79	0.80	0.80	0.79	0.53
1967	Wet	0.80	0.79	0.74	0.75	(0.01)	0.00	0.01	(0.01)	0.00	0.87	0.86	0.87	0.47
1968	Below Normal	0.87	0.32	(1.24)	(2.85)	0.04	0.00	0.91	0.07	0.92	1.18	0.98	0.74	0.16
1969	Wet	0.56	0.59	0.18	(7.07)	0.74	0.00	(0.17)	(0.15)	(0.16)	0.71	0.70	0.72	(0.28)
1970	Wet	0.72	0.72	0.74	4.09	(0.76)	0.00	(1.12)	0.07	0.95	0.95	0.95	0.94	0.69
1971	Wet	0.95	0.94	0.72	(3.34)	2.01	0.01	(0.04)	(0.04)	0.67	0.73	0.73	0.72	0.34
1972	Below Normal	0.73	0.72	0.72	0.74	0.04	0.01	(0.01)	(0.01)	(0.01)	(0.01)	0.00	(0.01)	0.24
1973	Above Normal	0.00	0.00	0.00	0.02	0.01	0.01	0.00	0.00	0.88	0.88	0.88	0.87	0.30
1974	Wet	0.87	0.88	0.65	(3.19)	(3.41)	0.00	1.49	(0.06)	0.82	0.81	0.80	0.82	0.04
1975	Wet	0.84	0.82	0.63	1.04	0.72	(0.96)	0.21	0.20	1.07	1.09	1.09	1.07	0.65
1976	Critical	1.08	1.06	0.83	1.02	0.05	(0.03)	(0.10)	(0.10)	(0.16)	(0.14)	(0.12)	(0.13)	0.27
1977	Critical	(0.13)	(0.12)	(0.09)	(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	1.12	1.71	1.24	0.70	0.37
1979	Below Normal	0.31	0.37	(0.26)	(1.28)	(8.95)	(5.03)	4.49	0.24	1.11	1.13	1.13	1.12	(0.47)
1980	Above Normal	1.14	1.11	0.86	(1.41)	(2.30)	0.00	(0.50)	(0.46)	0.39	0.36	0.35	0.42	0.00
1981	Dry	0.46	0.44	0.29	0.35	(1.20)	2.95	0.36	0.42	8.52	0.64	0.67	0.97	1.24
1982	Wet	0.95	0.95	0.70	0.88	0.03	0.00	0.01	0.00	0.87	0.87	0.88	0.88	0.59
1983	Wet	(1.92)	2.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.87	0.22
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.87	0.88	0.87	0.87	0.29
1985	Dry	0.88	0.87	0.65	0.87	0.00	0.00	0.00	0.00	0.75	0.75	0.75	0.75	0.52
1986	Wet	0.75	0.75	0.75	0.74	0.00	(2.90)	2.89	0.00	0.88	0.88	0.88	0.88	0.54
1987	Dry	0.88	0.87	0.56	(1.68)	0.00	0.00	(0.30)	(0.34)	(0.05)	(0.13)	(0.01)	0.08	(0.01)
1988	Critical	0.18	0.20	0.32	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
1989	Dry	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.02)	(0.02)	(0.02)	0.00	0.00	0.22	0.01
1990	Critical	0.21	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	0.06	0.04	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	0.00	0.00	0.06	0.00	(0.01)	(0.07)	0.00	0.01	0.88	0.97	0.94	0.92	0.31
1994	Critical	0.90	0.91	0.66	0.81	(0.06)	(0.02)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.27
1995	Wet	(3.34)	1.56	(0.01)	0.00	0.00	0.00	0.00	0.00	0.88	0.88	0.88	0.87	0.14
1996	Wet	0.87	0.88	0.87	(6.36)	(5.04)	(3.01)	(0.41)	(0.39)	0.46	0.44	0.44	0.47	(0.90)
1997	Wet	0.47	0.49	(0.21)	1.59	(0.09)	0.00	0.16	0.06	0.93	0.94	0.94	0.93	0.52
1998	Wet	0.94	0.93	0.72	0.89	(2.60)	1.34	0.00	(0.25)	(0.27)	(0.30)	0.57	0.65	0.22
1999	Wet	1.40	(0.05)	0.41	(1.07)	0.84	0.00	(2.57)	0.05	0.93	0.93	0.93	0.93	0.23
2000	Above Normal	0.93	0.92	0.69	0.92	0.08	(0.27)	(0.07)	0.02	0.89	0.99	0.90	0.80	0.57
2001	Dry	0.73	0.75	0.45	0.48	(0.35)	(0.08)	0.07	0.08	0.20	0.23	0.20	0.18	0.25
2002	Dry	0.15	0.15	0.12	0.12	0.04	(0.01)	(0.07)	(0.06)	(0.06)	(0.06)	(0.07)	(0.07)	0.01
2003	Above Normal	(0.06)	(0.06)	(0.13)	0.18	0.17	0.06	0.00	0.00	0.52	0.52	0.52	0.53	0.19
	Average	0.66	0.76	0.53	(0.05)	(0.30)	(0.23)	0.11	(0.05)	0.33	0.49	0.53	0.52	0.28
	Wet	0.47	0.78	0.41	(0.73)	(0.10)	(0.20)	(0.12)	(0.06)	0.62	0.75	0.82	0.83	0.29
	Above Normal	0.51	0.51	0.51	0.62	(0.20)	(0.09)	(0.12)	0.02	0.78	1.01	0.87	0.71	0.43
	Below Normal	0.51	0.50	0.27	(0.10)	(1.17)	(0.36)	0.83	(0.13)	(1.05)	1.08	1.07	1.03	0.21
	Dry	1.01	1.07	0.83	0.25	(0.11)	(0.39)	0.02	(0.08)	0.87	0.13	0.15	0.20	0.33
	Critical	0.83	0.83	0.70	0.36	(0.09)	(0.02)	0.11	0.07	0.08	(0.76)	(0.49)	(0.48)	0.10

Percent Difference in Energy Use (GWh) At Pumping Plant at Oso: Alternative2_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%	5%	5%	5%
1923	Below Normal	5%	6%	6%	-10%	-29%	5%	36%	-9%	-91%	28%	30%	34%
1924	Critical	48%	49%	69%	55%	36%	11%	8%	9%	11%	-90%	-88%	-87%
1925	Dry	>1,000%	>1,000%	>1,000%	190%	17%	-58%	10%	-14%	-14%	-14%	-14%	-14%
1926	Dry	-17%	-17%	-20%	23%	1%	4%	8%	5%	7%	7%	7%	7%
1927	Wet	9%	9%	12%	21%	-14%	0%	-2%	-2%	2%	2%	2%	2%
1928	Above Normal	3%	3%	2%	7%	-4%	-8%	-3%	1%	4%	13%	8%	2%
1929	Critical	-3%	-2%	-10%	-23%	-28%	-13%	3%	-3%	-4%	-4%	-4%	-37%
1930	Dry	276%	154%	0%	116%	1%	0%	1%	1%	1%	1%	1%	1%
1931	Critical	4%	4%	7%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	137%	495%	373%	47%	0%	0%	0%	0%	6%	5%	5%	6%
1933	Critical	10%	11%	7%	21%	0%	4%	6%	7%	8%	7%	12%	15%
1934	Critical	50%	83%	>1,000%	13%	4%	-2%	-3%	-4%	-4%	-4%	0%	0%
1935	Below Normal	-6%	-10%	-13%	0%	0%	0%	1%	1%	5%	4%	4%	5%
1936	Below Normal	6%	7%	8%	17%	0%	0%	0%	0%	4%	4%	4%	4%
1937	Below Normal	5%	5%	5%	0%	-1%	0%	-2%	-2%	3%	2%	2%	3%
1938	Wet	3%	4%	-2%	1%	16%	3%	4%	-1%	-1%	4%	4%	4%
1939	Dry	5%	5%	6%	-28%	-2%	0%	-9%	2%	41%	4%	4%	5%
1940	Above Normal	7%	8%	20%	11%	-9%	-1%	0%	0%	4%	4%	4%	5%
1941	Wet	7%	7%	0%	0%	0%	0%	0%	0%	5%	5%	5%	6%
1942	Wet	7%	7%	0%	-43%	-1%	0%	0%	0%	5%	4%	4%	5%
1943	Wet	6%	6%	6%	-3%	-6%	0%	3%	0%	5%	4%	4%	5%
1944	Dry	5%	6%	5%	0%	-6%	-2%	-1%	-1%	4%	3%	4%	5%
1945	Below Normal	7%	8%	16%	12%	0%	-1%	0%	0%	4%	4%	4%	5%
1946	Below Normal	5%	6%	3%	6%	0%	0%	0%	0%	5%	5%	5%	5%
1947	Dry	6%	7%	6%	7%	0%	-1%	0%	0%	2%	2%	2%	2%
1948	Below Normal	3%	3%	4%	3%	-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%	57%	2%	2%	2%
1951	Above Normal	3%	4%	-3%	0%	0%	0%	0%	0%	4%	4%	4%	5%
1952	Wet	5%	6%	5%	7%	0%	0%	0%	-2%	-2%	4%	4%	4%
1953	Wet	6%	6%	4%	-6%	23%	0%	-17%	-1%	5%	4%	4%	6%
1954	Above Normal	8%	9%	11%	12%	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	5%	5%	5%	12%	0%	0%	0%	0%	99%	4%	4%	5%
1958	Wet	7%	7%	8%	48%	0%	0%	0%	0%	4%	4%	4%	4%
1959	Below Normal	5%	5%	7%	5%	0%	-4%	-2%	-2%	-42%	3%	4%	4%
1960	Dry	6%	6%	9%	13%	-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%	104%	3%	4%	5%
1963	Wet	6%	7%	8%	9%	0%	0%	0%	0%	5%	4%	4%	5%
1964	Dry	6%	6%	3%	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%	7%	6%	4%	0%	0%	0%	0%	4%	4%	4%	5%
1967	Wet	7%	7%	10%	21%	0%	0%	0%	0%	0%	4%	4%	4%
1968	Below Normal	5%	2%	-8%	-13%	0%	0%	4%	0%	5%	6%	5%	4%
1969	Wet	4%	5%	2%	-38%	3%	0%	-1%	-1%	-1%	4%	4%	4%
1970	Wet	4%	7%	7%	24%	-4%	0%	-6%	0%	5%	5%	5%	5%
1971	Wet	6%	6%	6%	-15%	12%	0%	0%	0%	4%	3%	4%	4%
1972	Below Normal	6%	7%	11%	34%	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%	6%	5%	-15%	-14%	0%	7%	0%	4%	4%	4%	4%
1975	Wet	5%	5%	5%	6%	4%	-4%	1%	1%	5%	5%	5%	5%
1976	Critical	6%	7%	6%	7%	0%	0%	-1%	-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%	9%	6%	4%
1979	Below Normal	2%	3%	-2%	-9%	-44%	-19%	26%	1%	6%	6%	6%	6%
1980	Above Normal	7%	8%	7%	-9%	-10%	0%	-3%	-3%	2%	2%	2%	2%
1981	Dry	3%	3%	3%	2%	-7%	17%	2%	2%	323%	3%	3%	5%
1982	Wet	6%	7%	8%	10%	0%	0%	0%	0%	4%	4%	4%	5%
1983	Wet	-10%	16%	0%	0%	0%	0%	0%	0%	0%	0%	8%	6%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1985	Dry	5%	6%	3%	7%	0%	0%	0%	0%	4%	4%	4%	4%
1986	Wet	5%	5%	6%	6%	0%	-11%	16%	0%	4%	4%	4%	5%
1987	Dry	5%	6%	4%	-10%	0%	0%	-3%	-3%	0%	-1%	0%	1%
1988	Critical	12%	32%	320%	9%	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	1%	0%	0%	13%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	1%	0%	0%	0%	0%	0%	5%	4%	4%	5%
1994	Critical	6%	7%	6%	7%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	-57%	7%	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	3%	3%	-2%	8%	0%	0%	1%	0%	5%	5%	5%	5%
1998	Wet	6%	7%	6%	5%	-11%	5%	0%	-1%	-2%	-2%	3%	4%
1999	Wet	8%	0%	3%	-6%	4%	0%	-12%	0%	5%	4%	4%	5%
2000	Above Normal	6%	6%	5%	6%	1%	-2%	0%	0%	5%	4%	4%	4%
2001	Dry	5%	6%	5%	8%	-6%	-1%	1%	1%	2%	2%	2%	2%
2002	Dry	9%	21%	150%	171%	1%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	-1%	8%	4%	1%	0%	0%	71%	2%	2%	3%
	Average	9%	14%	14%	10%	-1%	-1%	1%	0%	9%	2%	2%	2%
	Wet	2%	6%	4%	0%	0%	-1%	0%	0%	3%	4%	4%	5%
	Above Normal	3%	4%	4%	9%	-1%	-1%	-1%	0%	18%	5%	4%	4%
	Below Normal	3%	4%	3%	3%	-6%	-1%	5%	-1%	5%	5%	5%	6%
	Dry	25%	39%	31%	31%	0%	-2%	0%	0%	21%	1%	1%	1%
	Critical	11%	16%	34%	9%	1%	0%	1%	1%	1%	-8%	-7%	-9%

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: Alternative2_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	59.33	56.35	62.87	57.00	665.75
1923	Below Normal	55.37	50.49	44.49	75.00	78.47	90.99	62.73	3.65	4.31	71.29	79.17	74.08	690.04
1924	Critical	64.33	59.18	52.27	43.22	41.85	26.77	33.89	45.45	33.45	2.08	1.94	1.50	405.93
1925	Dry	26.99	59.81	72.99	11.23	16.36	20.45	41.35	52.38	54.04	52.05	57.79	54.79	520.23
1926	Dry	43.20	39.71	34.59	16.93	20.67	25.50	39.07	56.91	58.01	55.68	62.33	59.03	511.63
1927	Wet	46.72	42.81	37.11	18.10	28.57	47.18	54.40	55.58	61.08	57.63	62.73	57.23	569.14
1928	Above Normal	55.89	51.05	45.77	74.17	70.22	40.29	53.59	60.98	45.87	63.15	69.06	64.53	694.57
1929	Critical	56.70	52.10	46.31	46.43	43.97	25.46	26.36	35.31	36.28	31.74	31.13	2.26	434.05
1930	Dry	29.02	21.76	18.22	8.66	14.81	17.80	39.65	51.51	52.74	48.68	51.85	49.56	404.26
1931	Critical	35.92	31.30	27.29	12.38	16.71	16.50	34.99	46.89	48.00	41.79	41.08	4.93	357.78
1932	Dry	20.36	33.56	27.59	10.27	18.59	21.83	38.02	48.67	52.29	49.86	54.49	51.96	427.49
1933	Critical	40.35	36.67	30.45	16.06	17.50	20.99	39.72	52.71	54.70	49.56	51.43	49.47	459.61
1934	Critical	32.95	22.53	30.22	12.28	14.50	15.90	36.11	48.30	49.50	43.05	1.98	1.51	308.83
1935	Below Normal	24.82	58.82	46.53	9.81	16.64	20.21	49.22	63.05	22.60	69.36	76.56	72.90	530.52
1936	Below Normal	57.65	53.36	45.59	19.53	25.20	52.12	55.28	59.23	64.82	61.16	66.74	60.87	621.55
1937	Below Normal	59.47	54.37	48.68	75.12	75.06	80.38	53.81	55.74	61.21	58.13	63.84	57.73	743.54
1938	Wet	56.04	51.26	43.39	81.00	61.28	82.59	50.50	52.59	55.19	55.32	62.32	56.16	707.64
1939	Dry	54.41	49.57	43.92	93.55	59.71	87.52	50.27	60.59	7.21	68.13	34.94	78.93	688.75
1940	Above Normal	64.65	8.90	70.16	9.30	11.05	26.69	48.54	63.14	46.30	66.20	73.51	69.86	558.30
1941	Wet	55.72	51.36	41.87	27.11	32.86	73.32	45.86	48.62	53.67	51.41	57.67	51.91	591.38
1942	Wet	50.23	45.81	37.86	90.68	82.18	90.42	61.29	51.69	57.04	54.11	59.97	54.50	735.78
1943	Wet	53.15	48.42	42.95	72.07	81.37	64.47	59.76	58.65	64.00	60.84	67.16	61.07	733.91
1944	Dry	59.48	54.32	48.25	57.99	53.12	32.57	39.42	50.96	53.77	50.90	55.15	52.70	608.63
1945	Below Normal	40.11	35.92	31.56	17.38	19.97	79.03	55.19	56.76	62.37	58.86	64.09	58.50	579.74
1946	Below Normal	57.09	52.15	50.10	83.85	52.15	50.62	52.22	53.80	59.09	55.92	61.58	56.21	684.78
1947	Dry	54.83	50.07	44.62	75.00	74.06	41.58	53.34	61.28	64.34	61.28	67.31	63.01	710.72
1948	Below Normal	54.72	50.22	44.47	42.88	41.00	24.09	37.90	35.33	1.66	66.49	73.21	69.66	541.63
1949	Dry	54.46	50.05	43.29	16.65	21.19	22.53	53.54	60.13	62.03	58.82	64.58	60.15	567.42
1950	Below Normal	52.92	48.44	42.90	15.04	17.66	19.33	44.31	56.07	3.11	66.50	72.94	69.34	508.56
1951	Above Normal	54.51	50.21	42.23	90.68	69.27	86.37	51.24	55.35	60.82	57.39	63.20	57.73	739.00
1952	Wet	56.37	51.44	45.83	80.32	76.82	51.44	43.60	44.91	46.74	47.77	53.82	48.45	647.51
1953	Wet	46.84	42.53	68.17	90.26	74.98	79.72	52.84	51.58	56.12	53.64	59.54	55.08	731.30
1954	Above Normal	50.93	46.54	40.87	59.61	58.37	48.28	49.29	62.51	63.86	54.64	70.03	66.46	671.39
1955	Dry	52.79	48.47	42.03	20.28	25.19	25.78	40.48	51.49	52.27	50.47	56.26	53.32	518.83
1956	Wet	41.94	38.32	33.28	59.41	70.68	88.50	58.55	60.62	66.30	62.60	69.11	63.07	712.38
1957	Above Normal	61.63	56.29	50.10	86.63	82.18	48.17	40.50	26.06	4.73	65.01	70.73	67.51	659.54
1958	Wet	53.02	48.88	41.90	22.03	36.79	79.75	58.72	60.86	66.44	63.13	70.19	63.51	665.22
1959	Below Normal	61.93	56.46	50.54	78.38	74.68	76.89	45.53	57.42	6.17	66.38	73.06	69.62	717.06
1960	Dry	54.94	50.48	43.74	17.46	17.56	20.59	52.53	65.32	30.67	67.38	42.18	76.28	539.13
1961	Dry	61.06	55.92	48.26	22.54	25.34	20.80	44.09	55.73	56.58	54.31	42.96	17.71	505.30
1962	Below Normal	1.50	42.16	83.56	6.46	10.41	24.88	44.63	56.92	4.56	68.95	75.61	71.96	491.60
1963	Wet	56.86	52.48	45.10	36.66	37.83	43.77	51.17	53.10	58.34	55.23	60.80	55.54	606.88
1964	Dry	54.23	49.45	54.74	70.88	38.47	40.57	55.04	55.27	57.90	54.52	59.92	54.39	645.38
1965	Wet	53.18	48.22	43.57	62.98	65.32	49.00	50.20	51.79	51.55	54.26	59.71	54.74	644.52
1966	Below Normal	52.42	47.79	42.50	73.19	72.14	51.37	47.43	58.57	54.28	60.10	68.14	64.24	692.17
1967	Wet	52.83	48.49	42.21	26.57	41.74	46.13	55.20	56.55	59.09	58.80	64.98	59.03	611.62
1968	Below Normal	57.50	50.65	47.26	84.71	85.12	77.91	56.77	55.59	59.59	57.03	64.40	60.37	756.90
1969	Wet	51.80	47.49	41.03	44.83	73.36	90.99	51.17	53.28	55.68	55.92	62.99	56.80	685.34
1970	Wet	55.66	49.40	44.42	69.75	82.18	90.99	51.69	55.48	60.99	57.49	63.29	57.76	739.10
1971	Wet	56.46	51.48	45.89	86.15	77.08	61.44	45.31	58.05	58.14	58.93	66.83	63.20	728.96
1972	Below Normal	50.86	46.73	40.75	24.25	34.02	40.38	48.80	59.35	60.26	57.69	64.98	61.06	589.13
1973	Above Normal	50.37	46.09	40.11	29.52	47.40	50.86	53.80	57.09	62.74	58.98	64.58	58.93	620.47
1974	Wet	57.60	52.57	46.99	86.09	72.02	69.68	59.29	55.50	61.10	57.65	63.89	58.23	740.61
1975	Wet	56.80	51.71	45.90	83.94	79.93	65.93	55.78	56.23	61.86	58.17	63.35	57.92	737.52
1976	Critical	56.43	51.57	46.27	74.07	73.17	41.39	45.70	58.28	4.15	63.94	36.53	73.19	624.69
1977	Critical	56.94	52.18	44.78	15.36	17.59	15.26	9.44	1.33	1.55	2.46	2.10	1.55	220.54
1978	Above Normal	0.47	0.55	61.91	7.08	19.00	36.33	49.80	53.60	58.58	55.54	60.94	56.11	459.91
1979	Below Normal	52.31	47.72	42.33	61.32	59.67	55.50	53.91	54.50	60.05	56.60	61.88	56.41	662.20
1980	Above Normal	54.91	50.10	44.74	71.49	77.29	90.99	47.88	50.46	55.63	53.23	59.41	53.57	709.70
1981	Dry	51.96	47.28	41.54	85.43	82.18	57.20	45.82	59.39	7.11	69.19	60.02	75.42	682.54
1982	Wet	59.34	54.65	46.55	34.89	36.77	90.99	61.34	58.57	64.13	60.89	68.11	61.60	697.83
1983	Wet	59.99	53.21	84.64	85.54	72.94	90.99	42.10	44.29	48.49	52.16	52.13	48.53	735.01
1984	Wet	49.44	45.13	84.64	79.62	75.25	90.99	51.66	56.08	61.38	58.11	63.94	58.46	774.70
1985	Dry	57.00	52.09	51.83	83.25	75.60	59.40	51.28	52.75	57.91	54.51	59.56	54.26	709.44
1986	Wet	52.98	48.37	43.98	71.90	66.73	60.22	57.45	58.06	63.73	60.47	67.09	60.54	711.52
1987	Dry	58.91	53.85	47.23	92.78	82.18	44.17	37.64	50.52	52.96	45.99	45.39	43.99	655.61
1988	Critical	28.81	22.79	19.80	11.03	15.43	13.88	26.00	34.39	35.41	31.00	30.30	29.23	298.07
1989	Dry	18.46	14.16	12.41	8.44	12.99	13.65	50.90	65.48	33.14	66.94	59.04	73.59	429.20
1990	Critical	57.82	53.11	45.70	16.38	19.53	18.46	33.87	45.24	46.55	40.45	39.71	38.42	455.24
1991	Critical	24.60	19.17	16.60	9.44	12.64	13.60	26.48	30.99	10.60	37.10	35.88	34.88	271.98
1992	Critical	21.58	14.37	15.48	8.45	11.75	12.40	26.08	34.50	35.43	2.07	1.98	13.06	197.15
1993	Above Normal	43.58	0.76	60.21	8.29	28.61	37.51	50.00	55.85	22.39	61.65	68.12	63.42	500.39
1994	Critical	56.65	52.01	45.50	51.76	49.93	33.80	41.80	52.86	36.73	53.26	4.14	49.28	527.72
1995	Wet	9.78	8.55	84.64	6.39	25.44	34.30	59.11	59.59	65.18	61.83	68.12	61.87	544.80
1996	Wet	60.31	55.08	49.67	40.50	43.60	46.54	54.92	55.13	60.58	57.21	62.76	57.25	643.55
1997	Wet	55.89	51.06	43.93	75.64	68.13	90.99	51.37	53.31	58.51	55.62	61.89	56.20	722.54
1998	Wet	54.62	49.83	44.01	84.94	70.11	70.97	50.78	51.72	54.06	51.60	60.62	54.77	698.03
1999	Wet	58.69	54.10	57.85	91.28	61.38	70.12	51.80	55.54	60.87	57.79	63.65	58.07	741.14
2000	Above Normal	56.69	51.79	46.14	79.53	73.32	51.21	50.14	62.03	65.65	63.42	70.39	66.52	736.83
2001	Dry	54.56	50.29	43.35	27.32	25.51	21.48	39.76	53.78	55.52	48.44	47.78	46.25	514.04
2002	Dry	29.84	23.64	20.41	13.47	21.85	26.80	55.85	55.95	58.46	55.23	59.99	54.50	475.99
2003	Above Normal	53.03	21.86	56.24	14.17	21.70	26.21	41.67	52.99	3.06	63.45	69.31	65.94	489.63
	Average	49.37	44.77	45.56	47.26	47.10	48.80	47.46	52.34	47.10	54.67	56.89	54.40	595.72
	Wet	52.39	47.79	49.51	61.87	61.36	70.06	53.30	54.51	58.86	56.87	62.95	57.37	686.84
	Above Normal	53.14	38.51	52.30	45.89	48.70	48.50	49.12	54.50	45.75	59.92	66.85	62.30	625.46
	Below Normal	48.48	49.66	47.23	47.64	47.30	53.12	50.55	51.86	37.43	62.46	69.01	64.50	629.24
	Dry	46.47	44.69	41.06	40.67	38.08	33.35	46.00	56.01	48.16	56.24	54.53	56.66	561.92
	Critical	44.42	38.92	35.06	26.41	27.88	21.20	31.70	40.52	32.70	33.21	23.18	24.94	380.13

Difference in Energy Use (GWh) At Pumping Plant at Pearblossom: Alternative2_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	4.87	4.97	6.00	5.41	2.51
1923	Below Normal	5.26	5.01	3.63	1.98	14.36	21.05	16.20	(53.09)	(52.94)	16.10	16.27	15.10	0.74
1924	Critical	15.21	14.34	13.24	15.47	12.76	4.88	3.46	4.83	(8.37)	(34.26)	(33.70)	(32.94)	(2.09)
1925	Dry	5.15	42.81	58.19	2.17	3.71	(3.48)	(6.31)	(9.93)	(8.88)	(8.44)	(9.95)	(9.39)	4.64
1926	Dry	(7.51)	(6.85)	(5.68)	0.75	(0.04)	1.30	(0.28)	3.21	3.63	3.49	3.77	3.63	(0.05)
1927	Wet	2.95	2.77	2.43	0.96	(0.03)	0.66	(0.95)	(1.12)	1.70	1.77	1.62	1.73	1.21
1928	Above Normal	1.73	1.82	1.19	3.11	0.17	(0.96)	(1.76)	4.73	(12.86)	7.90	9.04	9.87	2.00
1929	Critical	3.92	3.98	2.59	(20.03)	(19.80)	(6.88)	1.30	(1.60)	(1.61)	(1.37)	(1.36)	(27.78)	(5.72)
1930	Dry	8.72	6.14	4.63	0.15	0.40	1.07	(0.11)	(0.24)	(0.27)	(0.11)	0.03	(0.01)	1.70
1931	Critical	0.17	0.26	0.23	0.33	0.55	0.84	(0.15)	(0.21)	(0.22)	(0.19)	(0.20)	(34.38)	(2.75)
1932	Dry	(3.89)	12.92	9.84	0.02	0.37	1.00	0.03	0.08	2.95	2.90	2.85	2.87	2.66
1933	Critical	2.79	2.76	0.94	2.88	0.05	0.69	0.08	(0.72)	(0.17)	0.86	2.07	1.84	1.17
1934	Critical	0.93	(3.44)	7.67	1.30	0.50	(0.50)	(1.58)	(2.21)	(2.25)	(1.93)	0.00	0.00	(0.13)
1935	Below Normal	3.24	(4.55)	(3.43)	(0.22)	(0.18)	(0.05)	0.37	0.50	7.35	2.93	3.00	2.97	0.99
1936	Below Normal	2.99	2.98	2.16	2.89	(0.06)	(3.56)	0.03	0.03	2.89	2.89	2.90	2.89	1.59
1937	Below Normal	2.90	2.89	2.12	(0.02)	0.35	11.23	(0.81)	(0.81)	2.03	2.11	2.10	2.13	2.19
1938	Wet	2.12	2.18	(0.66)	(0.18)	(16.88)	(8.40)	(0.48)	(5.40)	(5.42)	1.73	(2.51)	2.42	(2.62)
1939	Dry	2.41	2.45	2.47	18.53	0.98	(3.47)	(5.67)	0.94	3.03	2.75	1.05	2.40	2.32
1940	Above Normal	2.84	(15.78)	5.05	0.57	(1.99)	(0.53)	(0.02)	(0.02)	2.66	2.86	2.86	2.86	0.11
1941	Wet	2.86	2.86	(0.01)	0.01	(0.01)	(5.11)	0.00	0.00	2.86	2.87	2.87	2.87	1.01
1942	Wet	2.86	2.87	0.00	26.10	0.30	(0.57)	0.02	(0.18)	2.68	2.67	2.61	2.65	3.50
1943	Wet	2.67	2.68	2.08	1.31	1.82	2.02	1.14	(0.05)	2.81	2.80	2.68	2.73	2.06
1944	Dry	2.74	2.76	2.17	(5.50)	(7.52)	(2.57)	0.03	0.11	2.35	2.25	2.14	2.18	0.09
1945	Below Normal	2.05	1.99	2.02	2.16	(0.02)	(11.96)	0.07	0.07	2.94	2.94	2.94	2.94	0.68
1946	Below Normal	2.94	2.93	2.90	2.87	0.00	0.18	0.23	0.25	3.12	3.11	3.13	3.11	2.06
1947	Dry	3.10	3.09	2.33	3.34	0.10	0.06	(0.07)	0.21	1.72	1.74	1.80	1.82	1.60
1948	Below Normal	1.57	1.57	1.52	0.48	(0.95)	(0.35)	0.04	1.95	0.00	0.00	0.03	0.02	0.49
1949	Dry	0.03	0.03	0.03	0.00	0.00	(0.03)	(0.01)	0.06	0.05	0.06	0.07	0.08	0.03
1950	Below Normal	0.01	0.01	0.00	(0.58)	(0.52)	(0.16)	(0.01)	(0.01)	1.51	1.50	1.49	1.50	0.40
1951	Above Normal	1.50	1.49	(0.01)	0.00	0.00	0.00	0.00	0.00	2.87	2.87	2.87	2.87	1.21
1952	Wet	2.87	2.87	2.14	1.84	(0.01)	0.00	0.00	(2.23)	(2.35)	0.47	(0.24)	0.35	0.48
1953	Wet	0.53	0.72	8.25	10.23	(6.41)	(11.27)	(11.86)	(1.10)	2.47	2.40	2.14	2.05	(0.15)
1954	Above Normal	2.77	2.76	2.12	6.21	2.86	1.75	0.35	0.47	5.11	0.31	1.33	1.30	2.28
1955	Dry	1.29	1.28	1.25	1.14	0.02	(0.07)	(0.33)	(0.43)	(0.09)	(0.07)	(0.12)	(0.10)	0.31
1956	Wet	(0.01)	0.00	0.05	(17.29)	0.02	0.03	0.05	0.05	2.91	2.91	2.91	2.90	(0.46)
1957	Above Normal	2.91	2.90	2.24	0.19	0.00	(0.03)	0.02	0.30	2.87	2.87	2.87	2.88	1.67
1958	Wet	2.88	2.87	2.04	2.86	0.00	(0.18)	0.00	0.00	2.86	2.87	2.87	2.87	1.83
1959	Below Normal	2.87	2.87	2.87	2.72	(0.19)	(0.83)	(1.16)	(1.48)	2.16	2.29	1.98	2.10	1.35
1960	Dry	1.91	1.89	1.87	1.70	(0.27)	0.12	0.08	(0.19)	4.29	(1.03)	3.54	(2.12)	0.98
1961	Dry	(1.25)	(1.25)	(1.00)	1.13	1.02	0.40	0.10	0.13	0.13	0.13	1.10	(0.08)	0.05
1962	Below Normal	1.14	(0.28)	(0.34)	0.00	0.00	0.00	0.00	0.00	2.87	2.87	2.87	2.86	1.00
1963	Wet	2.87	2.87	2.09	2.87	0.00	0.00	0.00	0.00	2.87	2.87	2.87	2.86	1.85
1964	Dry	2.86	2.87	2.11	2.87	0.04	0.03	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	0.89
1965	Wet	(0.02)	(0.02)	(0.01)	0.22	0.16	(0.20)	0.01	0.13	1.04	3.14	3.17	3.18	0.90
1966	Below Normal	3.07	3.05	2.34	2.49	(0.37)	(0.16)	0.00	0.01	2.51	2.61	2.62	2.62	1.73
1967	Wet	2.60	2.60	2.42	2.54	(0.04)	0.00	0.02	(0.06)	(0.06)	2.80	2.78	2.79	1.53
1968	Below Normal	2.80	1.01	2.82	12.33	0.00	(4.19)	2.61	1.03	3.67	3.76	4.14	4.26	2.85
1969	Wet	3.07	3.10	2.12	(4.65)	(8.82)	0.00	(0.37)	(0.37)	(0.39)	2.52	2.50	2.53	0.10
1970	Wet	2.52	2.55	2.56	(10.28)	0.00	0.00	0.02	0.21	3.08	3.07	3.09	3.06	0.82
1971	Wet	3.06	3.05	2.31	13.40	(5.10)	0.18	(0.10)	(0.15)	0.57	2.36	2.33	2.34	2.02
1972	Below Normal	2.32	2.31	2.32	2.35	0.01	0.00	(0.01)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	0.76
1973	Above Normal	(0.01)	(0.01)	(0.01)	0.07	0.05	0.23	(0.20)	0.01	2.88	2.88	2.87	2.88	0.97
1974	Wet	2.87	2.87	2.13	13.07	8.57	(7.36)	3.12	(0.49)	2.35	2.33	2.17	2.29	2.83
1975	Wet	2.33	2.38	1.85	0.57	(2.25)	(2.51)	0.56	0.57	3.47	3.42	3.48	3.42	1.44
1976	Critical	3.42	3.38	2.60	3.57	0.65	0.18	(0.27)	(0.35)	(0.02)	(0.36)	0.82	(0.65)	1.08
1977	Critical	(0.54)	(0.50)	(0.45)	(0.06)	(0.05)	(0.02)	3.23	0.00	0.04	0.00	(0.03)	0.00	0.14
1978	Above Normal	0.00	(1.05)	0.64	0.00	0.01	(0.71)	(0.27)	2.40	4.89	5.02	5.59	6.01	1.88
1979	Below Normal	3.48	3.54	2.37	(9.12)	(11.32)	5.67	2.06	0.41	3.29	3.22	3.17	3.20	0.83
1980	Above Normal	3.23	3.20	2.49	(1.48)	3.35	0.00	(2.88)	(2.25)	0.51	0.55	(0.02)	0.38	0.59
1981	Dry	0.50	0.70	0.51	4.04	0.00	4.76	1.09	1.48	2.94	2.54	(1.81)	3.57	1.69
1982	Wet	3.56	3.53	2.66	3.14	0.27	0.00	0.00	0.01	2.88	2.88	2.88	2.88	2.06
1983	Wet	2.17	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.86	2.87	0.72
1984	Wet	0.00	0.00	0.00	0.00	0.16	0.00	0.01	0.01	2.87	2.87	2.87	2.87	0.97
1985	Dry	2.87	2.87	2.14	2.86	0.00	0.00	0.00	0.00	2.45	2.45	2.45	2.45	1.71
1986	Wet	2.45	2.45	2.45	2.45	0.00	(30.77)	1.44	0.03	2.91	2.90	2.91	2.90	(0.66)
1987	Dry	2.89	2.90	1.85	9.27	0.00	0.02	(1.39)	(1.94)	(0.93)	(0.63)	(0.63)	(0.59)	0.90
1988	Critical	(0.04)	0.16	0.30	0.87	(0.18)	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.09
1989	Dry	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.06)	(0.07)	(0.69)	(0.01)	(3.94)	0.69	(0.34)
1990	Critical	0.50	0.46	0.37	(0.02)	(0.01)	0.01	0.00	0.02	0.01	0.01	0.00	0.01	0.11
1991	Critical	0.00	0.01	0.00	(0.01)	0.00	0.00	(0.01)	(1.30)	(0.08)	0.21	0.18	0.18	(0.07)
1992	Critical	0.10	(1.21)	0.87	(0.01)	(0.01)	0.00	0.00	(0.01)	(0.01)	0.00	0.00	(0.37)	(0.05)
1993	Above Normal	(0.32)	(0.54)	1.06	0.00	(0.03)	(0.10)	(0.01)	0.09	1.47	3.08	3.10	3.11	0.91
1994	Critical	3.01	3.00	2.23	2.49	(0.34)	(0.17)	0.01	0.00	0.18	(0.02)	0.00	(0.01)	0.86
1995	Wet	8.36	(3.93)	0.00	0.00	0.00	0.00	0.00	0.00	2.87	2.87	2.87	2.87	1.33
1996	Wet	2.87	2.87	2.87	(34.27)	(32.32)	(13.62)	(1.20)	(1.22)	1.59	1.66	1.57	1.72	(5.62)
1997	Wet	1.74	1.83	(0.47)	(4.48)	(0.20)	0.00	0.14	0.13	3.01	2.99	3.00	2.99	0.89
1998	Wet	3.00	2.98	2.31	3.02	6.54	(3.50)	(0.08)	(2.31)	(2.42)	(2.48)	(0.34)	0.26	0.58
1999	Wet	6.08	(0.06)	5.14	10.50	0.31	(7.89)	(0.22)	0.16	3.04	3.02	3.05	3.04	2.18
2000	Above Normal	3.04	3.02	2.24	3.23	0.44	(0.27)	(0.13)	0.42	3.20	3.24	3.35	3.42	2.10
2001	Dry	2.86	2.87	2.05	0.54	(2.08)	(0.59)	0.32	0.45	0.86	0.79	0.79	0.78	0.80
2002	Dry	0.65	0.60	0.57	0.44	0.00	(0.03)	(0.17)	(0.18)	(0.19)	(0.17)	(0.19)	(0.17)	0.10
2003	Above Normal	(0.17)	3.20	(3.30)	0.63	0.57	0.21	(0.01)	(0.01)	1.72	1.71	1.71	1.71	0.66
	Average	2.17	2.16	2.44	1.36	(0.68)	(0.90)	0.01	(0.79)	0.52	1.41	1.44	0.83	0.83
	Wet	2.66	1.91	1.80	0.92	(2.07)	(3.40)	(0.34)	(0.51)	1.55	2.30	2.27	2.52	0.80
	Above Normal	1.46	0.08	1.14	1.44	0.49	(0.00)	(0.29)	0.67	1.68	3.19	3.46	3.56	1.41
	Below Normal	2.62	1.81	1.66	1.45	0.08	1.21	1.40	(3.66)	(1.33)	3.31	3.33	3.26	1.26
	Dry	1.41	4.34	4.74	2.41	(0.18)	(0.08)	(0.71)	(0.35)	0.74	0.48	0.16	0.44	1.12
	Critical	2.46	1.93	2.55	0.56	(0.49)	(0.09)	0.51	(0.13)	(1.04)	(3.09)	(2.69)	(7.84)	(0.61)

Percent Difference in Energy Use (GWh) At Pumping Plant at Pearblossom: Alternative2_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%	9%	10%	11%	10%
1923	Below Normal	10%	11%	9%	3%	22%	30%	35%	-94%	-92%	29%	26%	26%
1924	Critical	31%	32%	34%	56%	44%	22%	11%	12%	-20%	-94%	-95%	-96%
1925	Dry	24%	252%	393%	24%	29%	-15%	-13%	-16%	-14%	-14%	-15%	-15%
1926	Dry	-15%	-15%	-14%	5%	0%	5%	-1%	6%	7%	7%	6%	7%
1927	Wet	7%	7%	7%	6%	0%	1%	-2%	-2%	3%	3%	3%	3%
1928	Above Normal	3%	4%	3%	4%	0%	-2%	-3%	8%	-22%	14%	15%	18%
1929	Critical	7%	8%	6%	-30%	-31%	-21%	5%	-4%	-4%	-4%	-4%	-92%
1930	Dry	43%	39%	34%	2%	3%	6%	0%	0%	-1%	0%	0%	0%
1931	Critical	0%	1%	1%	3%	3%	5%	0%	0%	0%	0%	0%	-87%
1932	Dry	-16%	63%	55%	0%	2%	5%	0%	0%	6%	6%	6%	6%
1933	Critical	7%	8%	3%	22%	0%	3%	0%	-1%	0%	2%	4%	4%
1934	Critical	3%	-13%	34%	12%	4%	-3%	-4%	-4%	-4%	-4%	0%	0%
1935	Below Normal	15%	-7%	-7%	-2%	-1%	0%	1%	1%	48%	4%	4%	4%
1936	Below Normal	5%	6%	5%	17%	0%	-6%	0%	0%	5%	5%	5%	5%
1937	Below Normal	5%	6%	5%	0%	0%	16%	-1%	-1%	3%	4%	3%	4%
1938	Wet	4%	4%	-1%	0%	-22%	-9%	-1%	-9%	-9%	3%	-4%	5%
1939	Dry	5%	5%	6%	25%	2%	-4%	-10%	2%	72%	4%	3%	3%
1940	Above Normal	5%	-64%	8%	7%	-15%	-2%	0%	0%	6%	5%	4%	4%
1941	Wet	5%	6%	0%	0%	0%	-7%	0%	0%	6%	6%	5%	6%
1942	Wet	6%	7%	0%	40%	0%	-1%	0%	0%	5%	5%	5%	5%
1943	Wet	5%	6%	5%	2%	2%	3%	2%	0%	5%	5%	4%	5%
1944	Dry	5%	5%	5%	-9%	-12%	-7%	0%	0%	5%	5%	4%	4%
1945	Below Normal	5%	6%	7%	14%	0%	-13%	0%	0%	5%	5%	5%	5%
1946	Below Normal	5%	6%	6%	4%	0%	0%	0%	0%	6%	6%	5%	6%
1947	Dry	6%	7%	6%	5%	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%	94%	2%	2%	2%
1951	Above Normal	3%	3%	0%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1952	Wet	5%	6%	5%	2%	0%	0%	0%	-5%	-5%	1%	0%	1%
1953	Wet	1%	2%	14%	13%	-8%	-12%	-18%	-2%	5%	5%	4%	4%
1954	Above Normal	6%	6%	5%	12%	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%	-23%	0%	0%	0%	0%	5%	5%	4%	5%
1957	Above Normal	5%	5%	5%	0%	0%	0%	0%	1%	154%	5%	4%	4%
1958	Wet	6%	6%	5%	15%	0%	0%	0%	0%	4%	5%	4%	5%
1959	Below Normal	5%	5%	6%	4%	0%	-1%	-2%	-3%	54%	4%	3%	3%
1960	Dry	4%	4%	4%	11%	-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%	170%	4%	4%	4%
1963	Wet	5%	6%	5%	8%	0%	0%	0%	0%	5%	5%	5%	5%
1964	Dry	6%	6%	4%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	2%	6%	6%	6%
1966	Below Normal	6%	7%	6%	4%	-1%	0%	0%	0%	5%	5%	4%	4%
1967	Wet	5%	6%	6%	11%	0%	0%	0%	0%	0%	5%	4%	5%
1968	Below Normal	5%	2%	6%	17%	0%	-5%	5%	2%	7%	7%	7%	8%
1969	Wet	6%	7%	5%	-9%	-11%	0%	-1%	-1%	-1%	5%	4%	5%
1970	Wet	5%	5%	6%	-13%	0%	0%	0%	0%	5%	6%	5%	6%
1971	Wet	6%	6%	5%	18%	-6%	0%	0%	0%	1%	4%	4%	4%
1972	Below Normal	5%	5%	6%	11%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1974	Wet	5%	6%	5%	18%	14%	-10%	6%	-1%	4%	4%	4%	4%
1975	Wet	4%	5%	4%	1%	-3%	-4%	1%	1%	6%	6%	6%	6%
1976	Critical	6%	7%	6%	5%	1%	0%	-1%	-1%	0%	-1%	2%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	52%	0%	3%	0%	-1%	0%
1978	Above Normal	0%	-66%	1%	0%	0%	-2%	-1%	5%	9%	10%	10%	12%
1979	Below Normal	7%	8%	6%	-13%	-16%	11%	4%	1%	6%	6%	5%	6%
1980	Above Normal	6%	7%	6%	-2%	5%	0%	-6%	-4%	1%	1%	0%	1%
1981	Dry	1%	2%	1%	5%	0%	9%	2%	3%	71%	4%	-3%	5%
1982	Wet	6%	7%	6%	10%	1%	0%	0%	0%	5%	5%	4%	5%
1983	Wet	4%	1%	0%	0%	0%	0%	0%	0%	0%	0%	6%	6%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1985	Dry	5%	6%	4%	4%	0%	0%	0%	0%	4%	5%	4%	5%
1986	Wet	5%	5%	6%	4%	0%	-34%	3%	0%	5%	5%	5%	5%
1987	Dry	5%	6%	4%	11%	0%	0%	-4%	-4%	-2%	-1%	-1%	-1%
1988	Critical	0%	1%	2%	9%	-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%	1%	1%
1992	Critical	0%	-8%	6%	0%	0%	0%	0%	0%	0%	0%	0%	-3%
1993	Above Normal	-1%	-42%	2%	0%	0%	0%	0%	0%	7%	5%	5%	5%
1994	Critical	6%	6%	5%	5%	-1%	-1%	0%	0%	0%	0%	0%	0%
1995	Wet	589%	-31%	0%	0%	0%	0%	0%	0%	5%	5%	4%	5%
1996	Wet	5%	5%	6%	-46%	-43%	-23%	-2%	-2%	3%	3%	3%	3%
1997	Wet	3%	4%	-1%	-6%	0%	0%	0%	0%	5%	6%	5%	6%
1998	Wet	6%	6%	6%	4%	10%	-5%	0%	-4%	-4%	-5%	-1%	0%
1999	Wet	12%	0%	10%	13%	1%	-10%	0%	0%	5%	6%	5%	6%
2000	Above Normal	6%	6%	5%	4%	1%	-1%	0%	1%	5%	5%	5%	5%
2001	Dry	6%	6%	5%	2%	-8%	-3%	1%	1%	2%	2%	2%	2%
2002	Dry	2%	3%	3%	3%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	17%	-6%	5%	3%	1%	0%	0%	128%	3%	3%	3%
	Average	16%	5%	10%	4%	0%	-1%	1%	-1%	10%	2%	2%	0%
	Wet	27%	3%	4%	3%	-2%	-4%	-1%	-1%	3%	4%	4%	5%
	Above Normal	3%	-10%	2%	5%	0%	0%	-1%	1%	26%	6%	6%	6%
	Below Normal	28%	4%	4%	4%	0%	2%	3%	-6%	22%	6%	5%	6%
	Dry	4%	22%	28%	6%	1%	0%	-1%	-1%	9%	1%	1%	1%
	Critical	5%	4%	8%	7%	2%	1%	5%	0%	-2%	-8%	-8%	-23%

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: Alternative2_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	8.57	6.99	5.25	13.01	12.27	14.28	7.38	5.50	6.48	4.08	2.35	0.71	86.87
1925	Dry	2.49	4.56	5.88	2.96	3.35	11.37	9.28	7.89	9.84	11.35	10.85	9.72	89.54
1926	Dry	1.40	0.70	4.21	6.16	6.22	12.63	8.27	8.60	10.70	12.25	11.73	10.54	93.41
1927	Wet	1.52	1.61	4.80	6.62	6.95	13.46	9.26	9.22	12.31	12.94	12.42	11.28	102.39
1928	Above Normal	1.45	1.04	5.47	14.70	13.75	14.70	14.23	14.70	14.23	14.70	14.68	11.47	135.12
1929	Critical	1.56	1.95	5.39	14.21	12.86	14.19	6.58	4.34	5.15	5.73	5.67	5.22	82.85
1930	Dry	0.87	0.64	0.32	0.81	0.73	9.53	8.52	6.90	8.53	9.64	9.38	8.51	64.38
1931	Critical	1.32	0.80	1.44	4.63	4.76	11.37	7.52	5.68	6.60	7.42	7.26	6.70	65.50
1932	Dry	1.14	0.84	0.42	1.06	2.43	11.44	8.71	7.16	8.86	10.14	9.77	8.89	70.86
1933	Critical	1.29	0.69	2.42	5.27	4.86	11.73	7.72	6.70	8.14	9.26	9.01	8.24	75.33
1934	Critical	1.33	0.87	0.59	4.09	3.52	10.56	7.62	5.78	6.80	7.53	0.84	1.14	50.67
1935	Below Normal	2.41	4.27	5.65	2.92	2.76	10.78	10.24	9.38	11.70	13.38	12.91	11.64	98.04
1936	Below Normal	1.84	2.78	5.31	7.14	6.82	14.70	7.53	9.77	13.00	13.68	13.17	11.96	107.70
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	13.80	130.56
1938	Wet	2.70	3.08	6.80	14.70	13.28	14.70	4.55	12.34	14.23	14.70	14.70	14.23	130.01
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	8.92	4.66	10.61	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	3.50	3.59	7.28	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	143.84
1943	Wet	9.47	8.13	5.87	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	152.94
1944	Dry	9.69	3.45	7.07	9.46	8.76	12.96	8.66	7.20	8.77	10.04	9.73	8.89	104.68
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	1.99	2.24	10.70	9.66	8.39	5.24	13.09	12.60	11.39	84.11
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	2.87	14.70	12.59	13.28	14.70	14.23	14.70	14.23	14.70	14.70	12.31	145.39
1954	Above Normal	1.46	0.95	5.09	14.70	13.28	14.70	14.23	11.33	11.90	13.74	13.13	11.90	126.41
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	9.36	4.31	4.93	6.74	6.05	11.69	10.45	9.72	12.27	13.85	13.28	12.02	114.67
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	1.11	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	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	14.51	13.20	118.39
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	3.91	2.42	5.29	12.38	13.28	14.70	7.41	12.40	14.23	14.70	14.70	14.23	129.65
1970	Wet	6.88	5.99	9.70	14.70	13.28	14.70	8.59	9.56	12.69	13.32	12.78	11.64	133.83
1971	Wet	1.51	1.37	5.63	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	13.52	137.27
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	9.90	14.70	8.73	9.67	12.86	13.42	12.92	11.74	113.86
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	6.53	2.50	6.18	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	144.68
1976	Critical	2.84	1.81	5.54	14.70	13.75	14.70	14.23	14.70	13.02	14.70	11.91	10.80	132.70
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	11.44	12.82	13.42	12.90	11.79	127.03
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	7.05	2.49	5.05	7.79	7.31	14.70	14.23	12.39	14.23	14.70	14.70	14.23	128.87
1983	Wet	7.54	14.23	12.77	14.70	13.28	11.38	7.09	12.30	14.23	14.70	14.70	14.23	151.15
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	10.26	8.82	8.49	14.70	13.28	14.70	14.23	14.70	14.23	12.61	7.71	7.20	140.93
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	3.30	3.48	7.02	5.30	5.35	12.58	9.49	9.38	12.50	13.14	12.66	11.45	105.65
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	11.55	8.81	13.28	14.70	9.31	9.59	12.73	13.29	12.87	11.74	146.80
2000	Above Normal	1.51	1.49	5.66	14.70	13.75	14.70	14.23	14.70	14.23	14.70	14.70	14.19	138.56
2001	Dry	1.84	2.73	5.41	9.33	8.35	12.42	7.90	6.51	7.59	8.31	8.23	7.70	86.32
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	3.15	2.84	5.96	9.59	8.84	12.95	10.30	10.42	11.61	12.57	12.12	11.29	111.64
	Wet	4.03	3.79	6.88	11.77	11.16	13.98	10.67	12.09	13.73	14.25	14.11	13.26	129.71
	Above Normal	3.11	2.54	6.56	8.66	7.85	12.83	10.88	11.08	12.48	13.72	13.43	12.26	115.40
	Below Normal	2.22	2.47	6.32	10.18	8.61	13.54	10.90	10.98	12.06	13.54	13.19	12.17	116.17
	Dry	3.33	2.63	5.84	8.13	7.66	11.75	10.54	10.04	10.97	12.41	11.73	10.65	105.68
	Critical	2.11	1.84	3.13	7.28	6.81	11.97	7.87	6.09	6.56	6.92	5.84	5.97	72.39

Difference in Energy Use (GWh) At Pumping Plant at South Bay: Alternative2_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	6.93	4.45	(0.06)	2.91	3.17	1.69	0.34	0.55	0.64	(2.37)	(4.02)	(5.22)	0.75
1925	Dry	1.49	3.82	5.51	2.03	2.83	(3.33)	3.01	(1.42)	(1.75)	(2.00)	(1.94)	(1.78)	0.54
1926	Dry	(0.36)	(2.03)	(1.06)	(0.88)	(0.35)	0.66	0.23	0.47	0.58	0.66	0.65	0.59	(0.07)
1927	Wet	0.08	0.77	0.29	0.36	0.76	0.94	(0.09)	(0.18)	(0.24)	(0.26)	(0.24)	(0.22)	0.16
1928	Above Normal	(0.03)	(0.25)	(0.12)	0.00	0.00	0.00	0.00	0.00	0.00	0.94	2.72	0.60	0.32
1929	Critical	0.16	0.96	0.60	(0.49)	(0.42)	(0.51)	(7.65)	(3.45)	(0.18)	(0.18)	(0.18)	(0.17)	(0.96)
1930	Dry	(0.02)	(0.02)	(0.01)	(0.02)	0.28	0.62	0.02	0.02	0.04	0.05	0.04	0.03	0.09
1931	Critical	0.00	0.00	0.09	0.08	0.65	0.79	(0.01)	(0.02)	(0.03)	(0.03)	(0.03)	(0.02)	0.12
1932	Dry	0.00	(0.01)	0.00	0.00	0.67	0.60	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.01)	0.10
1933	Critical	0.00	0.01	(0.04)	(0.02)	(0.02)	0.41	(0.20)	0.20	0.31	0.41	0.35	0.27	0.14
1934	Critical	0.00	(0.06)	0.10	1.07	0.42	0.00	(0.14)	(0.24)	(0.28)	(0.30)	0.00	(2.42)	(0.15)
1935	Below Normal	0.71	0.40	0.19	(0.11)	(0.09)	(0.02)	0.04	0.07	0.09	0.10	0.10	0.09	0.13
1936	Below Normal	0.08	0.06	0.04	0.04	0.03	0.00	0.01	0.00	0.01	0.01	0.00	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	0.02	0.27
1938	Wet	0.01	0.02	0.02	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	(0.90)	(0.88)	1.27	(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	0.02	0.03	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.54	(1.42)	(0.08)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)
1944	Dry	1.88	(0.30)	(0.39)	(4.50)	(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	(0.09)	(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)	(2.69)	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	1.79	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	0.12	(2.23)	(0.15)	(0.18)	(0.17)	(0.03)	(0.03)	(0.02)	0.00	(0.03)	(0.03)	(0.03)	(0.23)
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	0.00	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	(0.19)	(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	(0.08)	(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	0.97	0.17	0.03	(2.32)	0.01	10.59	0.22	0.00	0.00	0.00	0.00	0.00	0.81
1970	Wet	0.03	(0.03)	0.02	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	(0.04)	0.00
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	0.01	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	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	(2.45)	(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	(1.66)	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	1.63	(0.23)	(0.24)	(0.23)	(0.22)	0.73
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	5.46	0.43	0.14	0.19	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53
1983	Wet	(7.16)	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	0.00	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	4.94	4.22	(0.04)	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	0.05	0.07	(0.13)	(9.40)	(8.40)	(2.12)	(4.74)	(5.32)	(1.73)	(0.40)	(0.38)	(0.36)	(2.74)
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	(3.15)	(3.68)	0.00	0.00	(0.08)	0.04	0.06	0.07	0.06	0.06	(0.55)
2000	Above Normal	0.01	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.05
2001	Dry	0.07	0.06	0.01	(0.58)	(0.51)	(0.21)	0.03	0.05	0.06	0.07	0.06	0.06	(0.07)
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	(0.01)	0.10	0.06	(0.22)	(0.07)	0.11	0.04	(0.06)	(0.05)	(0.03)	0.00	(0.09)	(0.02)
	Wet	(0.27)	0.03	(0.02)	(0.65)	(0.29)	0.36	(0.23)	(0.19)	(0.07)	(0.02)	(0.02)	(0.10)	(0.12)
	Above Normal	(0.53)	(0.20)	0.06	(0.01)	(0.01)	0.04	0.23	0.21	0.14	0.23	0.42	0.33	0.08
	Below Normal	0.19	0.19	0.16	(0.03)	(0.03)	(0.01)	0.76	0.13	(0.20)	(0.01)	(0.00)	0.04	0.10
	Dry	0.25	0.08	0.09	(0.20)	(0.05)	(0.17)	0.18	(0.06)	(0.07)	(0.13)	(0.09)	(0.08)	(0.02)
	Critical	0.45	0.44	0.06	0.27	0.29	0.19	(0.65)	(0.25)	0.04	(0.21)	(0.23)	(0.66)	(0.02)

Percent Difference in Energy Use (GWh) At Pumping Plant at South Bay: Alternative2_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	423%	175%	-1%	29%	35%	13%	5%	11%	11%	-37%	-63%	-88%
1925	Dry	149%	516%	>1,000%	218%	544%	-23%	48%	-15%	-15%	-15%	-15%	-15%
1926	Dry	-20%	-74%	-20%	-13%	-5%	6%	3%	6%	6%	6%	6%	6%
1927	Wet	6%	92%	6%	6%	12%	8%	-1%	-2%	-2%	-2%	-2%	-2%
1928	Above Normal	-2%	-19%	-2%	0%	0%	0%	0%	0%	0%	7%	23%	6%
1929	Critical	11%	97%	13%	-3%	-3%	-3%	-54%	-44%	-3%	-3%	-3%	-3%
1930	Dry	-2%	-3%	-3%	-2%	62%	7%	0%	0%	0%	1%	0%	0%
1931	Critical	0%	0%	7%	2%	16%	7%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	-1%	0%	0%	38%	6%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	1%	-2%	0%	0%	4%	-3%	3%	4%	5%	4%	3%
1934	Critical	0%	-6%	20%	35%	14%	0%	-2%	-4%	-4%	-4%	0%	-68%
1935	Below Normal	42%	10%	3%	-4%	-3%	0%	0%	1%	1%	1%	1%	1%
1936	Below Normal	5%	2%	1%	1%	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	-9%	-16%	14%	-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	1%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	6%	-15%	-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%	-4%	-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%	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	1%	-34%	-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%	0%	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	33%	8%	1%	-16%	0%	258%	3%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	-7%	0%	0%	0%	0%	0%
1971	Wet	1%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
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	-37%	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	343%	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%	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	93%	92%	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	2%	2%	-2%	-64%	-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%	-1%	0%	0%	1%	0%	1%
2000	Above Normal	1%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%
2001	Dry	4%	2%	0%	-6%	-6%	-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	11%	10%	0%	1%	7%	3%	2%	0%	0%	0%	1%	-2%
	Wet	9%	3%	0%	-4%	-2%	10%	-2%	-1%	-1%	0%	0%	-1%
	Above Normal	-9%	-9%	-1%	-1%	-1%	0%	3%	2%	1%	2%	3%	3%
	Below Normal	12%	13%	3%	-1%	-1%	0%	11%	1%	-1%	0%	0%	0%
	Dry	11%	25%	-3%	10%	34%	-1%	3%	-1%	-1%	-1%	-1%	-1%
	Critical	33%	22%	3%	4%	4%	2%	-5%	-3%	1%	-3%	6%	-13%

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: Alternative2_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	82.49	18.03	17.24	109.40	121.99	121.99	118.05	990.07
1923	Below Normal	68.15	42.35	77.98	64.32	70.61	51.18	17.96	12.78	49.28	121.99	121.99	118.05	816.64
1924	Critical	86.55	55.64	91.50	47.41	37.15	5.48	5.30	11.98	5.30	25.99	5.48	10.08	387.86
1925	Dry	41.45	51.09	72.99	58.37	39.28	78.30	19.09	17.51	37.58	121.99	62.13	118.05	717.83
1926	Dry	45.62	39.26	50.31	58.68	29.28	5.48	20.05	15.21	42.25	121.99	62.60	79.84	570.57
1927	Wet	27.15	118.05	67.89	42.81	65.34	67.69	14.27	12.78	50.72	121.99	121.99	118.05	828.73
1928	Above Normal	59.05	38.46	129.71	62.82	37.28	78.31	15.25	12.78	45.21	111.64	121.99	118.05	830.55
1929	Critical	65.09	24.83	85.47	60.23	54.71	50.77	28.37	20.75	5.30	5.48	10.84	11.84	423.68
1930	Dry	20.64	16.63	60.61	43.46	41.21	46.14	24.64	22.21	28.52	121.99	49.75	118.05	593.85
1931	Critical	35.31	29.08	24.80	58.15	33.48	15.63	5.30	5.48	5.30	65.68	5.48	7.91	291.60
1932	Dry	18.14	26.41	131.02	62.50	70.21	74.12	5.30	12.78	5.30	121.99	106.63	42.01	676.41
1933	Critical	31.64	20.44	40.68	60.07	90.19	29.84	13.30	12.78	5.30	21.74	5.48	10.70	342.16
1934	Critical	20.30	18.16	72.62	109.23	70.10	25.43	5.30	14.12	5.30	5.48	5.48	9.08	360.60
1935	Below Normal	29.91	57.09	68.95	64.12	46.83	45.65	15.01	12.78	40.85	121.99	121.99	118.05	743.22
1936	Below Normal	57.89	49.72	56.08	40.46	144.14	129.63	18.13	12.78	48.80	121.99	121.99	96.28	897.89
1937	Below Normal	84.02	48.47	118.48	69.78	140.20	115.91	17.48	16.13	85.74	121.99	82.09	55.43	955.72
1938	Wet	90.74	118.05	91.80	121.47	120.46	122.14	37.83	46.22	113.96	121.99	121.99	101.58	1,208.23
1939	Dry	61.04	5.30	104.86	62.05	45.08	32.39	9.25	15.71	5.30	121.99	84.36	118.05	665.38
1940	Above Normal	30.26	18.23	61.11	47.40	56.83	103.88	20.21	12.78	48.48	115.58	121.99	118.05	754.80
1941	Wet	56.67	24.22	77.58	72.92	137.89	138.07	24.83	23.98	69.20	121.99	121.99	109.59	978.93
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	42.44	121.70	121.99	113.23	890.18
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	61.17	113.90	15.37	12.78	34.83	121.99	121.99	99.58	872.00
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	78.94	51.85	58.28	24.49	17.81	12.78	30.25	121.99	76.28	118.05	765.17
1948	Below Normal	77.35	62.34	41.41	36.92	5.13	46.20	12.37	12.78	47.38	121.99	121.99	118.05	703.91
1949	Dry	56.03	47.47	78.01	58.70	54.82	35.44	12.37	12.78	30.64	121.99	64.24	118.05	690.54
1950	Below Normal	29.36	33.82	40.14	40.76	42.71	62.92	12.37	12.78	37.10	121.80	121.99	118.05	673.80
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	68.28	71.83	83.34	67.68	138.07	25.20	35.25	88.50	121.99	121.99	112.05	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	85.50	679.29
1956	Wet	35.58	68.57	93.82	155.23	109.92	118.41	15.06	16.98	75.00	121.99	121.99	100.77	1,033.32
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	46.33	67.70	46.22	67.57	138.07	39.28	31.17	89.17	121.99	121.99	118.05	1,009.53
1959	Below Normal	68.81	5.30	129.25	39.60	50.64	67.75	19.06	15.65	29.41	121.99	121.99	118.05	787.50
1960	Dry	58.49	47.67	42.48	58.16	38.27	44.41	5.30	22.32	26.90	121.99	91.79	118.05	675.83
1961	Dry	27.73	73.53	127.64	60.11	33.80	60.30	13.40	14.64	1.51	121.99	37.96	43.94	616.55
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	72.68	118.05	91.20	62.09	46.76	39.76	12.37	12.78	5.30	121.99	55.41	118.05	756.44
1965	Wet	53.65	53.21	71.32	99.48	72.02	77.08	18.80	12.78	50.04	121.66	121.99	115.98	868.01
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	46.31	66.87	69.51	68.02	59.74	81.85	32.52	29.97	110.88	121.99	121.99	118.05	927.70
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	69.24	71.40	128.68	71.58	77.00	74.24	43.14	83.40	94.55	96.61	111.35	78.55	999.74
1970	Wet	62.48	5.30	75.09	137.42	113.20	121.39	12.37	12.78	32.60	121.99	121.99	63.76	880.37
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	66.70	118.05	67.22	52.83	72.16	75.08	14.71	12.78	50.27	121.67	121.99	88.74	862.20
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	102.26	15.65	12.78	66.37	121.99	121.99	118.05	889.59
1976	Critical	110.62	5.30	128.74	52.67	34.06	51.90	22.86	20.21	5.30	114.92	75.57	118.05	740.20
1977	Critical	58.62	25.81	21.50	32.20	11.49	5.48	5.30	10.18	4.64	5.48	5.48	24.20	210.38
1978	Above Normal	5.48	29.51	53.54	52.59	71.47	81.08	24.02	20.48	73.19	121.99	121.99	118.05	773.39
1979	Below Normal	57.68	27.76	129.85	71.62	87.34	87.09	15.27	20.39	34.56	121.99	121.99	83.67	859.21
1980	Above Normal	98.74	55.94	129.13	77.56	88.63	82.04	15.54	16.53	77.64	98.94	69.06	55.44	865.19
1981	Dry	67.51	6.76	128.82	61.92	55.99	45.14	20.04	16.40	29.13	121.99	86.25	118.05	758.00
1982	Wet	60.61	118.05	66.88	70.27	130.19	135.30	108.25	37.51	83.05	121.99	121.99	118.05	1,172.14
1983	Wet	121.99	69.93	86.45	74.11	64.93	63.18	40.64	37.00	57.12	55.67	94.44	65.00	830.46
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	71.56	118.05	128.44	61.82	58.34	53.45	19.52	16.35	29.57	121.99	60.33	118.05	857.47
1986	Wet	83.39	96.25	78.05	38.95	105.40	138.07	26.55	22.76	67.49	121.99	97.69	98.16	974.75
1987	Dry	65.74	5.30	129.24	60.19	55.42	42.94	9.73	32.75	28.82	70.74	13.77	38.53	553.17
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	95.21	118.05	618.74
1990	Critical	60.99	40.70	59.91	56.26	35.63	18.67	5.30	16.70	4.25	121.99	5.48	32.23	458.11
1991	Critical	6.83	8.93	23.50	5.48	20.97	23.30	18.05	15.64	37.06	114.47	5.48	10.85	290.56
1992	Critical	12.97	9.26	25.32	24.37	28.97	43.69	12.37	12.78	25.54	5.48	5.48	37.68	243.91
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	57.37	592.81
1995	Wet	16.94	34.52	63.00	54.61	59.88	138.07	25.00	47.14	101.23	121.99	121.99	118.05	902.42
1996	Wet	39.73	22.00	68.92	51.39	133.90	119.30	17.86	16.99	59.25	121.99	121.99	118.05	891.37
1997	Wet	27.49	9.42	140.22	155.23	140.20	130.02	12.37	12.78	48.99	110.58	121.99	118.05	1,027.34
1998	Wet	37.73	13.75	128.71	54.85	140.20	138.07	29.73	32.99	118.05	121.99	121.99	118.05	1,056.11
1999	Wet	121.99	118.05	73.80	74.66	116.70	90.59	15.02	12.78	50.64	121.99	121.99	54.48	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	123.82	63.26	50.31	54.30	17.71	13.38	28.58	85.13	8.53	54.77	547.23
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	30.22	68.68	41.64	54.84	61.24	12.37	12.78	44.44	121.99	121.99	118.05	693.72
	Average	55.63	46.77	88.77	63.87	65.36	71.63	18.42	17.94	43.36	109.28	90.92	92.82	764.79
	Wet	67.01	60.81	87.34	79.28	90.99	106.86	25.87	24.54	67.51	117.99	119.59	106.16	953.94
	Above Normal	51.31	41.17	102.26	59.17	63.89	78.60	15.73	14.11	57.29	115.44	117.58	109.35	825.90
	Below Normal	56.19	49.10	91.80	57.32	63.24	72.45	15.97	14.00	40.08	121.51	119.14	107.00	807.80
	Dry	47.51	45.25	96.34	58.70	48.07	44.18	15.01	16.16	24.40	117.10	61.67	93.81	668.17
	Critical	46.80	21.54	63.52	50.60	39.71	28.56	12.98	14.76	9.41	58.28	13.11	29.36	388.60

Difference in Energy Use (GWh) At Pumping Plant at SWP Banks: Alternative2_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	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1923	Below Normal	0.36	0.12	0.00	(0.91)	2.65	0.08	0.00	0.00	2.84	0.00	0.00	0.00	0.43
1924	Critical	23.37	0.35	40.02	(8.09)	0.00	0.00	0.00	0.00	0.00	(82.33)	0.00	(0.07)	(2.23)
1925	Dry	0.04	0.05	0.02	0.00	0.00	(0.03)	0.00	0.00	2.14	0.00	(1.06)	0.00	0.10
1926	Dry	(9.10)	(8.67)	(0.01)	0.00	0.00	0.00	0.00	(0.60)	0.01	0.00	1.10	17.58	0.03
1927	Wet	(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)
1928	Above Normal	(0.02)	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.35)	0.00	0.00	(0.03)
1929	Critical	(0.39)	(0.15)	(0.03)	0.00	0.00	0.87	0.00	0.00	0.00	0.00	5.36	(0.11)	0.46
1930	Dry	0.03	(0.34)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	0.00	(0.03)
1931	Critical	0.37	0.41	0.15	0.00	(0.01)	(0.05)	0.00	0.00	0.00	(0.86)	0.00	(0.04)	0.00
1932	Dry	0.01	(0.55)	0.00	0.00	0.34	0.01	0.00	0.00	0.00	0.00	28.61	(0.12)	2.36
1933	Critical	(8.11)	(13.25)	0.98	11.28	9.99	0.00	0.00	0.00	0.00	(6.74)	0.00	(0.47)	(0.53)
1934	Critical	1.22	(2.47)	(1.18)	0.19	0.21	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.17)
1935	Below Normal	3.43	0.10	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.30
1936	Below Normal	0.21	0.18	0.02	0.00	0.00	(1.88)	0.00	0.00	0.00	0.00	0.00	0.31	(0.10)
1937	Below Normal	0.01	0.01	0.00	(21.68)	0.00	1.88	(2.47)	(6.11)	8.58	0.00	(4.05)	0.08	(1.98)
1938	Wet	0.01	0.00	(19.41)	(17.64)	7.35	1.96	(4.24)	(66.58)	(4.09)	4.23	3.25	19.95	(6.27)
1939	Dry	2.43	0.00	(3.81)	0.00	0.02	0.00	0.21	(1.12)	0.00	0.00	(0.22)	0.00	(0.21)
1940	Above Normal	(6.59)	(0.13)	(0.79)	0.11	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)	(2.31)	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)	(6.23)	0.00	0.00	(0.73)	(2.40)
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	(6.60)	(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	0.30	0.00	0.00	0.00	0.00	0.00	0.00	(0.78)	0.19
1947	Dry	0.02	0.01	(0.05)	0.01	(0.01)	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.01
1948	Below Normal	0.03	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	0.06	0.07	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	0.00	0.00
1950	Below Normal	(0.81)	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	0.00	0.00	(0.63)	0.18	0.00	(2.65)	(6.58)	(13.60)	0.00	0.00	9.68	(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	(2.22)	(0.16)
1956	Wet	0.03	0.00	(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	(0.05)	0.00	0.00	0.00	0.00	(3.05)	(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	(2.44)	0.01	0.00	0.00	0.00	0.00	0.00	(0.20)
1960	Dry	(0.28)	(1.10)	(0.40)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.78	0.00	(0.08)
1961	Dry	1.50	(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	0.01	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.01
1965	Wet	0.21	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	0.02	(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	0.44	0.00	0.00	0.00	0.00	(0.01)	(2.82)	(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	(4.81)	0.43	0.00	(9.41)	14.80	3.90	(4.78)	4.03	(0.53)	(0.53)	(0.52)	(0.41)	0.18
1970	Wet	(0.37)	0.00	0.00	(0.65)	3.09	(0.05)	0.00	0.00	0.00	0.00	0.00	(0.39)	0.14
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00
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	(0.46)	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1976	Critical	0.48	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.61)	(0.06)	0.00	(0.02)
1977	Critical	(0.29)	0.01	0.06	(0.17)	(0.01)	0.00	0.00	0.00	0.02	0.00	0.00	(0.03)	(0.03)
1978	Above Normal	0.00	(0.35)	0.19	0.00	(6.15)	(9.39)	(5.82)	(6.11)	(21.29)	0.00	0.00	0.00	(4.08)
1979	Below Normal	(0.21)	(0.11)	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	14.51	2.73	0.00	(33.74)	6.41	4.04	0.00	0.00	(1.00)	(23.05)	(22.88)	49.43	(0.30)
1981	Dry	(1.14)	0.14	0.00	0.00	0.00	(8.24)	0.00	(0.01)	0.00	0.00	0.03	0.00	(0.77)
1982	Wet	2.88	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.31
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	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00
1986	Wet	(0.01)	(0.01)	0.00	0.00	(33.79)	17.54	(0.42)	(3.44)	(1.53)	0.00	22.90	(19.89)	(1.55)
1987	Dry	0.08	0.00	0.00	0.00	0.00	0.00	0.02	(0.01)	0.00	(3.06)	0.02	0.01	(0.25)
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	(1.79)	0.00	(0.16)
1990	Critical	0.40	(0.03)	0.69	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
1991	Critical	(0.02)	0.01	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.48	0.00	(0.02)	0.04
1992	Critical	(0.06)	(0.03)	0.02	(0.21)	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	(0.01)	0.00
1995	Wet	0.00	0.00	(0.01)	(0.03)	0.00	0.00	(3.89)	(65.66)	(16.82)	0.00	0.00	0.00	(7.20)
1996	Wet	(0.06)	(0.06)	0.00	0.00	(0.07)	(6.77)	0.09	(0.07)	0.00	0.00	0.00	0.00	(0.58)
1997	Wet	(0.05)	(0.38)	0.00	0.00	0.00	(2.01)	0.00	(1.08)	(1.77)	0.44	0.00	0.00	(0.40)
1998	Wet	(0.03)	0.01	0.00	(0.05)	0.00	0.00	(2.56)	(5.04)	0.00	0.00	0.00	0.00	(0.64)
1999	Wet	0.00	0.00	(0.01)	0.00	(2.77)	0.00	0.00	0.00	0.00	0.00	0.00	(2.48)	(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	(5.34)	0.00	0.00	0.00	0.00	0.00	0.00	3.88	(0.12)	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	(0.17)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
	Average	0.34	(0.20)	(0.02)	(1.47)	(0.15)	(0.29)	(0.40)	(2.17)	(0.91)	(1.32)	0.41	1.29	(0.41)
	Wet	0.22	0.19	(1.31)	(2.58)	(0.66)	(0.00)	(0.95)	(6.30)	(2.52)	0.16	0.99	0.94	(0.99)
	Above Normal	0.67	0.17	(0.10)	(2.80)	(0.06)	(0.50)	(0.48)	(0.51)	(1.86)	(1.95)	(1.91)	4.12	(0.43)
	Below Normal	0.16	0.20	0.16	(1.61)	(0.32)	(0.73)	(0.18)	(0.44)	0.81	0.00	(0.29)	1.14	(0.09)
	Dry	(0.27)	(0.58)	(0.54)	0.00	0.02	(0.46)	0.01	(0.10)	0.12	0.05	1.64	0.93	0.07
	Critical	1.41	(1.26)	3.39	0.25	0.85	0.07	0.00	0.00	0.00	(7.49)	0.44	(0.06)	(0.20)

Percent Difference in Energy Use (GWh) At Pumping Plant at SWP Banks: Alternative2_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%	0%	0%	0%	0%	-76%	0%	-1%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	6%	0%	-2%	0%
1926	Dry	-17%	-18%	0%	0%	0%	0%	0%	-4%	0%	0%	2%	28%
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%	-1%	0%	0%	0%	2%	0%	0%	0%	0%	98%	-1%
1930	Dry	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	-1%	0%	-1%
1932	Dry	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	37%	0%
1933	Critical	-20%	-39%	2%	23%	12%	0%	0%	0%	0%	-24%	0%	-4%
1934	Critical	6%	-12%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	13%	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%	-10%	-59%	-3%	4%	3%	24%
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	0%	-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	-6%	1%	0%	-12%	24%	6%	-10%	5%	-1%	-1%	0%	-1%
1970	Wet	-1%	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%	-1%	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%	5%	0%	-30%	8%	5%	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%	-58%	-14%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	-5%	1%	0%	0%	0%	0%	0%
1997	Wet	0%	-4%	0%	0%	0%	-2%	0%	-8%	-3%	0%	0%	0%
1998	Wet	0%	0%	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%	5%	-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%	1%	-1%	0%	0%	-1%	-3%	-1%	-1%	2%	11%
	Wet	0%	0%	-1%	-3%	0%	0%	-3%	-8%	-3%	0%	1%	1%
	Above Normal	0%	0%	0%	-3%	0%	0%	-2%	-2%	-2%	-2%	-2%	69%
	Below Normal	1%	0%	0%	-2%	0%	-1%	-1%	-2%	1%	0%	0%	2%
	Dry	0%	-1%	0%	0%	0%	-1%	0%	-1%	0%	0%	2%	1%
	Critical	2%	-4%	7%	1%	1%	0%	0%	0%	0%	-8%	8%	-1%

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: Alternative2_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	49.36	49.84	50.50	35.25	417.13
1923	Below Normal	32.89	37.17	23.76	35.49	35.10	39.26	32.14	21.40	21.38	53.07	50.38	35.66	417.70
1924	Critical	36.11	24.86	21.77	17.49	16.23	11.85	15.04	19.51	23.88	17.22	1.61	4.36	209.93
1925	Dry	18.67	23.04	24.85	5.61	6.70	9.71	21.94	28.65	38.48	43.12	44.57	25.47	290.81
1926	Dry	17.93	15.54	12.98	7.62	8.25	12.37	18.14	30.93	41.31	46.26	46.03	27.31	284.67
1927	Wet	19.36	16.73	13.96	7.20	10.73	25.33	31.19	35.58	45.83	46.16	46.66	33.88	332.61
1928	Above Normal	28.65	34.54	23.37	29.98	28.39	17.15	29.41	35.65	43.05	50.38	47.93	33.43	401.93
1929	Critical	26.38	31.69	20.65	18.47	17.08	11.30	12.03	15.61	20.76	22.13	18.15	5.77	220.02
1930	Dry	8.80	6.38	5.40	3.89	6.23	8.57	19.39	25.28	33.94	37.27	37.10	21.21	213.46
1931	Critical	13.56	11.21	9.26	5.57	6.72	7.95	15.45	20.04	27.09	31.51	23.69	8.59	180.64
1932	Dry	8.07	9.90	7.73	4.99	7.28	10.54	19.78	25.74	35.43	39.42	39.24	23.29	231.41
1933	Critical	16.10	13.83	10.92	6.96	7.14	9.97	17.96	24.32	33.17	37.80	30.74	20.09	229.00
1934	Critical	12.01	8.64	9.70	5.51	5.93	7.94	15.89	20.59	27.90	32.94	9.77	3.81	160.63
1935	Below Normal	13.30	18.42	14.26	4.66	6.84	9.84	25.83	34.10	38.00	54.01	48.69	32.65	300.60
1936	Below Normal	28.79	20.74	17.17	8.19	9.52	34.62	30.04	37.71	48.49	48.84	49.41	43.73	377.25
1937	Below Normal	30.46	27.15	24.86	29.42	36.59	50.83	30.82	34.00	46.21	50.72	57.20	35.95	454.21
1938	Wet	29.93	26.56	23.61	35.25	50.12	53.77	25.52	33.51	45.34	50.95	51.66	35.49	461.71
1939	Dry	34.07	38.47	24.43	35.73	34.02	37.52	26.87	33.94	34.82	52.92	46.38	35.70	434.87
1940	Above Normal	27.05	13.94	27.88	5.15	5.29	13.27	25.49	34.16	42.74	53.11	47.81	31.77	327.66
1941	Wet	24.63	26.69	15.92	11.32	15.60	33.97	26.73	30.10	41.33	45.90	46.53	32.38	351.10
1942	Wet	36.08	27.58	20.37	35.62	35.48	39.84	34.42	34.62	45.37	45.79	46.39	32.94	434.50
1943	Wet	34.68	32.31	22.32	29.62	34.75	33.87	34.97	35.10	47.33	51.86	52.50	37.14	446.45
1944	Dry	38.78	34.85	25.43	23.10	20.80	14.18	19.94	26.10	35.48	39.31	39.28	23.13	340.38
1945	Below Normal	15.65	13.31	11.17	7.88	8.10	42.13	30.02	36.29	46.75	47.10	47.60	43.15	349.15
1946	Below Normal	31.31	26.07	32.09	33.50	26.00	27.71	30.08	34.70	44.83	45.20	45.81	41.23	418.53
1947	Dry	30.32	24.87	22.69	30.34	28.59	18.72	29.19	35.52	46.59	49.82	55.27	32.44	404.36
1948	Below Normal	25.24	22.22	19.59	17.07	15.95	10.76	16.60	26.14	19.64	49.80	45.13	30.94	299.08
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	7.79	8.12	9.41	23.34	30.46	18.14	51.27	46.30	31.41	292.76
1951	Above Normal	29.12	18.86	17.48	50.62	47.00	52.39	28.01	35.70	46.18	46.50	47.13	34.05	453.04
1952	Wet	31.88	33.35	22.96	35.88	35.48	27.39	21.73	27.92	37.47	43.14	43.76	30.36	391.32
1953	Wet	29.53	34.65	38.91	36.71	34.99	36.92	28.97	32.01	42.15	43.94	42.97	30.27	432.02
1954	Above Normal	27.72	25.32	19.23	24.05	23.65	23.65	25.91	34.01	45.91	50.23	46.67	30.58	376.93
1955	Dry	24.22	23.80	15.97	8.11	9.49	12.55	21.53	28.20	37.59	42.21	45.86	24.84	294.37
1956	Wet	17.40	15.01	12.49	31.29	48.91	53.00	32.24	39.40	51.19	51.58	52.28	37.47	442.26
1957	Above Normal	37.40	36.79	25.88	34.58	32.23	21.88	21.54	23.17	12.97	51.18	45.91	30.75	374.28
1958	Wet	22.14	23.53	15.88	7.71	17.69	43.07	33.74	41.72	51.07	55.63	56.37	39.32	407.87
1959	Below Normal	32.87	46.15	26.98	35.17	33.45	34.22	24.02	31.34	27.90	51.01	45.97	30.99	420.07
1960	Dry	28.25	19.58	16.39	7.31	7.02	9.68	27.75	35.77	40.50	54.15	49.07	34.90	330.37
1961	Dry	25.81	22.55	18.99	9.24	9.97	9.66	23.24	30.30	40.37	45.22	45.13	19.32	299.80
1962	Below Normal	6.79	21.70	24.18	4.07	4.96	12.43	23.53	30.98	20.66	52.26	47.25	32.27	281.08
1963	Wet	23.49	20.53	16.98	15.99	17.85	23.89	29.58	34.31	44.33	44.68	45.29	32.77	349.69
1964	Dry	27.58	24.56	41.75	27.28	19.59	20.38	31.51	35.39	44.56	44.90	53.45	32.69	403.64
1965	Wet	27.50	24.36	22.47	28.65	31.01	25.17	28.69	32.80	41.55	43.80	43.61	31.34	380.95
1966	Below Normal	37.30	24.88	20.89	32.04	32.93	25.76	25.11	32.65	43.14	51.01	45.42	30.07	401.20
1967	Wet	29.25	19.25	10.14	9.77	14.05	19.50	32.38	33.55	44.21	49.76	50.39	35.75	348.00
1968	Below Normal	29.95	43.60	24.65	36.04	35.98	36.32	29.47	32.21	43.63	47.41	44.20	29.85	433.31
1969	Wet	28.80	19.89	17.03	19.66	27.26	31.51	23.68	29.90	40.02	53.27	53.45	34.30	378.77
1970	Wet	33.43	23.57	20.85	53.82	50.05	53.36	28.70	35.67	46.09	46.41	47.02	38.08	477.05
1971	Wet	34.32	26.97	23.37	35.85	34.15	28.06	23.92	31.91	43.22	49.21	44.32	29.05	404.35
1972	Below Normal	26.56	18.51	15.30	8.44	15.19	21.74	26.18	33.36	44.27	48.80	44.72	29.57	332.64
1973	Above Normal	29.01	18.93	16.15	10.94	22.02	28.91	29.12	36.51	47.10	47.35	47.94	34.73	368.71
1974	Wet	29.40	26.20	23.98	36.17	35.19	35.57	34.03	36.81	48.16	48.51	49.16	34.99	438.17
1975	Wet	29.33	41.16	23.87	34.53	32.74	33.61	31.95	35.95	46.33	46.59	47.10	34.23	437.39
1976	Critical	28.93	36.79	23.62	30.01	28.57	18.56	24.10	31.63	29.39	52.26	38.41	32.19	374.46
1977	Critical	23.24	20.28	16.79	6.57	7.07	7.40	8.41	3.84	1.44	3.75	1.51	10.29	110.59
1978	Above Normal	2.36	13.19	24.11	3.97	7.59	19.87	22.14	19.95	38.57	45.44	44.59	31.50	273.28
1979	Below Normal	31.77	32.17	20.37	24.46	23.23	28.89	31.22	35.60	46.20	46.50	47.01	43.54	410.96
1980	Above Normal	28.41	25.26	23.14	29.09	35.55	35.13	21.12	29.42	44.17	53.77	51.44	32.77	409.27
1981	Dry	27.11	23.95	21.85	34.77	33.47	27.63	24.17	32.28	29.27	52.69	51.17	33.17	391.53
1982	Wet	24.16	21.21	17.48	14.96	17.50	52.90	47.06	39.40	53.91	54.45	55.19	38.31	436.53
1983	Wet	31.85	47.78	38.19	31.79	27.65	26.95	16.95	14.19	22.78	39.16	40.68	28.00	365.97
1984	Wet	44.71	47.68	55.09	54.35	51.25	52.37	28.18	35.98	46.40	46.80	47.42	34.35	544.58
1985	Dry	28.99	25.86	32.64	32.37	30.92	30.43	29.49	33.95	43.70	43.96	52.88	32.22	417.41
1986	Wet	27.12	24.15	22.31	28.18	25.77	30.42	32.43	37.97	48.85	49.54	61.60	36.07	424.41
1987	Dry	30.34	27.71	24.43	34.60	32.17	17.97	16.49	21.53	29.52	35.99	25.77	17.05	313.57
1988	Critical	9.48	7.17	6.39	4.50	6.35	6.96	11.89	15.26	20.31	21.76	17.74	11.81	139.62
1989	Dry	6.01	4.66	4.23	2.92	5.58	6.95	26.57	35.25	40.52	54.09	51.69	33.16	271.63
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	14.65	15.74	27.32	19.73	13.21	138.10
1992	Critical	6.76	4.63	4.76	3.41	5.10	6.58	11.90	15.19	20.09	12.67	1.45	15.99	108.53
1993	Above Normal	15.79	4.03	18.54	4.23	14.19	20.80	27.82	33.41	36.85	48.28	46.39	32.59	302.92
1994	Critical	29.49	29.32	20.18	20.98	19.42	15.95	22.17	28.83	35.21	43.98	33.40	26.34	325.27
1995	Wet	7.44	16.02	28.66	4.03	12.45	16.67	34.28	39.76	51.72	52.49	53.14	37.65	354.31
1996	Wet	37.17	38.34	26.10	19.82	22.72	25.91	31.48	35.39	45.66	46.00	46.58	33.75	408.92
1997	Wet	40.69	25.40	22.60	34.87	34.79	48.48	30.42	36.38	47.90	48.38	49.03	34.46	453.40
1998	Wet	32.41	35.72	23.26	34.20	35.02	35.85	30.73	36.14	46.86	47.46	49.14	34.20	440.99
1999	Wet	41.80	53.50	33.27	36.46	49.37	39.12	29.14	35.76	46.18	46.63	47.28	40.42	498.93
2000	Above Normal	31.83	25.79	23.49	31.49	30.09	23.90	26.71	34.48	46.82	51.85	47.34	31.62	405.41
2001	Dry	27.52	25.60	17.32	10.99	10.00	9.90	17.35	22.83	31.17	40.31	27.30	17.88	258.17
2002	Dry	9.86	7.45	6.52	4.09	8.26	12.97	31.84	35.56	44.52	44.92	51.73	32.85	290.57
2003	Above Normal	27.67	19.38	27.89	6.04	9.28	13.11	22.14	28.97	20.56	48.04	43.35	29.49	295.92
	Average	25.77	24.41	20.58	20.36	21.75	24.44	25.48	30.57	38.17	44.97	43.17	29.79	349.44
	Wet	29.56	28.77	23.54	27.83	30.87	35.63	30.12	34.30	45.05	48.00	48.83	34.50	417.01
	Above Normal	27.02	23.79	22.85	20.05	22.45	24.41	25.94	31.89	39.52	49.66	47.25	32.38	367.21
	Below Normal	26.28	26.72	21.05	20.30	20.85	27.42	27.03	32.21	36.37	49.79	47.51	35.07	370.61
	Dry	23.26	21.01	18.87	16.15	15.94	15.59	24.15	30.70	38.53	45.28	45.49	27.70	322.67
	Critical	19.50	17.94	13.90	10.85	11.05	10.00	15.16	19.08	23.44	27.62	18.26	13.96	200.76

Difference in Energy Use (GWh) At Pumping Plant at SWP Dos Amigos: Alternative2_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	5.85	5.97	6.08	3.70	2.58
1923	Below Normal	3.78	1.85	2.39	0.64	0.74	5.61	7.38	(10.89)	(21.48)	5.73	6.84	6.94	0.79
1924	Critical	6.76	6.48	6.05	6.22	4.82	1.79	1.39	1.91	0.16	(10.99)	(19.09)	(9.18)	(0.31)
1925	Dry	11.62	17.71	20.05	2.14	1.32	(10.80)	(1.43)	(5.06)	(6.54)	(7.40)	(7.57)	(4.15)	0.82
1926	Dry	(3.15)	(2.72)	(2.29)	0.75	0.01	0.54	0.66	1.67	2.46	2.75	3.11	1.61	0.45
1927	Wet	1.27	1.13	1.00	0.56	(0.56)	0.03	(0.51)	(0.68)	0.19	0.19	0.17	0.43	0.27
1928	Above Normal	0.48	0.35	0.30	1.04	(0.45)	(0.82)	(1.93)	0.23	(1.32)	5.53	2.84	0.85	0.59
1929	Critical	(0.92)	(0.91)	(1.64)	(7.69)	(7.55)	(2.62)	0.52	(0.60)	(0.78)	(0.81)	(0.67)	(6.49)	(2.51)
1930	Dry	2.27	1.36	0.86	0.75	0.10	0.26	0.05	0.06	0.07	0.13	0.19	0.12	0.52
1931	Critical	0.15	0.16	0.13	0.18	0.12	0.15	(0.06)	(0.08)	(0.11)	(0.12)	(0.10)	(6.77)	(0.53)
1932	Dry	0.01	3.58	2.13	0.64	0.07	0.21	(0.03)	(0.03)	1.03	1.01	0.98	1.02	0.89
1933	Critical	1.00	0.99	0.33	1.08	0.01	0.38	0.55	0.71	1.06	1.37	1.80	1.29	0.88
1934	Critical	1.06	0.21	2.78	0.56	0.20	(0.21)	(0.64)	(0.87)	(1.23)	(1.34)	(3.14)	0.42	(0.18)
1935	Below Normal	1.47	(0.85)	(0.68)	(0.05)	(0.04)	(0.01)	0.19	0.26	2.20	1.29	1.26	1.15	0.52
1936	Below Normal	1.09	1.11	0.80	1.05	(0.03)	(1.39)	0.01	0.02	1.08	1.07	1.08	1.08	0.58
1937	Below Normal	1.08	1.07	0.79	0.00	(10.01)	0.87	(0.34)	(0.32)	0.73	0.74	0.71	0.75	(0.33)
1938	Wet	0.74	0.77	(0.28)	(13.40)	0.10	0.90	0.13	(7.34)	(5.54)	(4.02)	(5.04)	0.80	(2.68)
1939	Dry	(0.14)	5.28	0.86	0.78	(0.32)	(1.06)	(1.96)	0.57	3.68	1.07	0.14	1.29	0.85
1940	Above Normal	1.39	(2.29)	2.80	0.11	(0.84)	(0.27)	(0.01)	(0.01)	1.01	1.05	1.05	1.06	0.42
1941	Wet	1.11	1.52	(0.01)	0.01	0.00	(1.01)	0.00	0.00	1.06	1.07	1.06	1.06	0.49
1942	Wet	0.94	0.91	0.00	(0.01)	(0.03)	(0.18)	(0.09)	(0.24)	0.69	0.68	0.68	0.85	0.35
1943	Wet	0.92	0.87	0.69	0.15	(0.11)	0.35	0.35	(0.22)	0.67	0.66	0.64	0.86	0.49
1944	Dry	0.65	1.14	0.71	(1.93)	(2.70)	(0.91)	(0.06)	(0.07)	0.75	0.71	0.52	0.72	(0.04)
1945	Below Normal	0.70	0.69	0.71	0.78	(0.02)	(4.78)	0.04	0.04	1.11	1.11	1.11	0.66	0.18
1946	Below Normal	1.18	1.09	1.10	1.06	0.00	0.09	0.13	0.15	1.25	1.25	1.26	1.57	0.84
1947	Dry	0.55	1.18	0.89	1.23	0.03	(0.03)	(0.09)	0.01	0.64	0.75	0.70	0.55	0.53
1948	Below Normal	0.47	0.47	0.45	0.17	(0.36)	(0.13)	0.02	0.43	(0.01)	0.09	0.08	0.03	0.14
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)	(0.24)	(0.22)	(0.07)	(0.01)	(0.01)	0.54	0.55	0.56	0.56	0.13
1951	Above Normal	0.54	0.56	(0.23)	0.00	0.00	0.00	0.00	0.00	1.06	1.06	1.07	1.06	0.43
1952	Wet	1.06	1.07	0.80	1.07	0.00	0.00	0.00	(1.17)	(1.23)	(0.21)	(0.34)	(0.08)	0.08
1953	Wet	0.74	(0.44)	3.11	0.69	(0.43)	(2.58)	(4.54)	(0.19)	0.92	0.56	0.93	1.18	0.00
1954	Above Normal	1.38	1.01	1.18	2.38	1.24	1.01	0.18	0.25	1.44	0.47	0.65	0.52	0.98
1955	Dry	0.41	0.64	0.47	0.46	0.00	(0.03)	(0.16)	(0.22)	(0.17)	(0.21)	(0.20)	(0.07)	0.08
1956	Wet	(0.02)	(0.01)	0.01	(6.82)	0.00	0.00	0.02	0.02	1.08	1.08	1.08	1.09	(0.21)
1957	Above Normal	1.08	1.09	0.83	1.06	(0.01)	(0.02)	0.01	0.07	1.06	0.95	1.00	1.11	0.69
1958	Wet	1.12	1.12	0.81	1.06	0.00	(0.08)	0.00	0.00	1.06	1.06	1.06	1.06	0.69
1959	Below Normal	1.06	0.54	1.07	1.06	(0.03)	(0.92)	(0.58)	(0.78)	(3.59)	0.23	0.30	0.64	(0.08)
1960	Dry	0.63	0.71	0.69	0.65	(0.09)	0.06	0.10	0.01	0.82	(0.34)	0.71	(0.44)	0.29
1961	Dry	(0.23)	(0.22)	(0.14)	0.44	0.39	0.16	0.05	0.06	0.09	0.10	0.27	0.00	0.08
1962	Below Normal	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	1.06	1.06	1.06	1.06	0.35
1963	Wet	1.07	1.06	0.78	1.06	0.00	0.00	0.00	0.00	1.06	1.06	1.06	1.06	0.68
1964	Dry	1.07	1.06	0.68	1.06	0.00	0.05	(0.01)	(0.02)	(0.02)	(0.02)	0.00	(0.01)	0.32
1965	Wet	(0.01)	(0.01)	(0.01)	0.10	0.05	(0.19)	(0.02)	0.03	0.74	1.24	1.19	1.14	0.35
1966	Below Normal	1.10	0.44	0.83	0.89	(0.17)	(0.08)	0.00	0.01	0.95	0.98	0.97	0.96	0.57
1967	Wet	0.79	0.96	0.89	0.93	(0.01)	0.00	0.01	(0.09)	(0.13)	0.92	0.92	0.99	0.52
1968	Below Normal	1.00	0.35	(0.02)	0.99	(0.07)	(0.93)	0.67	0.04	1.40	1.96	1.37	0.95	0.64
1969	Wet	0.59	0.60	0.19	(4.98)	0.85	(0.02)	(0.18)	(0.20)	(0.25)	1.06	1.07	0.87	(0.03)
1970	Wet	0.97	0.91	0.91	0.01	1.43	(0.03)	(0.55)	0.12	1.21	1.21	1.21	1.27	0.72
1971	Wet	1.19	1.04	0.88	1.06	0.01	0.02	(0.06)	(0.07)	0.44	0.81	0.81	0.86	0.58
1972	Below Normal	0.87	0.84	0.86	0.88	0.02	0.01	0.00	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	0.29
1973	Above Normal	0.01	0.00	0.00	0.03	0.03	0.06	(0.04)	0.01	1.07	1.07	1.07	1.07	0.37
1974	Wet	1.06	1.07	0.80	1.06	(0.02)	(1.48)	1.06	(0.64)	0.07	0.05	0.03	0.50	0.30
1975	Wet	0.64	0.23	0.47	0.44	(0.30)	(1.01)	0.31	0.35	1.51	1.51	1.51	1.39	0.59
1976	Critical	1.36	1.42	1.04	1.33	0.20	0.03	(0.13)	(0.18)	(0.21)	0.00	(0.31)	(0.24)	0.36
1977	Critical	(0.19)	(0.17)	(0.15)	(0.02)	(0.01)	(0.01)	0.64	0.00	0.00	0.00	(0.01)	(0.02)	0.00
1978	Above Normal	0.00	(0.16)	0.11	0.00	0.01	(0.57)	(0.63)	0.07	1.75	2.95	1.64	0.82	0.50
1979	Below Normal	0.13	(0.90)	(0.46)	(3.62)	(7.75)	(9.31)	2.61	(0.07)	0.84	0.82	0.82	1.06	(1.32)
1980	Above Normal	1.12	1.13	0.85	(1.16)	(0.04)	1.87	(1.48)	(1.16)	(0.21)	10.46	(9.34)	(1.49)	0.05
1981	Dry	0.02	0.19	0.07	1.35	(0.28)	2.90	0.54	0.78	5.42	1.56	0.21	1.44	1.18
1982	Wet	1.35	1.31	0.99	1.13	0.07	(0.02)	0.00	0.01	1.08	1.07	1.08	1.07	0.76
1983	Wet	(4.97)	6.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.06	1.06	0.27
1984	Wet	(3.47)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.07	1.06	1.06	1.06	0.07
1985	Dry	1.06	1.06	0.80	1.06	0.00	0.00	0.00	0.00	0.90	0.90	0.91	0.91	0.63
1986	Wet	0.91	0.90	0.91	0.91	0.00	(7.56)	1.71	0.02	1.09	1.08	0.34	1.09	0.12
1987	Dry	1.08	1.89	0.69	1.07	0.01	0.01	(0.55)	(0.76)	(0.68)	(0.80)	(0.54)	(0.19)	0.10
1988	Critical	0.01	0.09	0.17	0.30	(0.04)	(0.02)	0.00	0.00	0.00	(0.06)	0.00	0.00	0.04
1989	Dry	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.03)	(0.04)	(0.18)	(0.03)	(0.81)	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	(0.25)	0.00	(0.15)	0.26	0.05	0.00
1992	Critical	0.03	(0.24)	0.17	0.10	0.00	0.00	(0.01)	0.00	0.00	(0.35)	(0.21)	0.06	(0.04)
1993	Above Normal	0.03	0.01	0.42	0.00	(0.02)	(0.08)	(0.02)	0.01	0.81	1.19	1.15	1.12	0.39
1994	Critical	1.08	1.01	0.79	0.92	(0.13)	(0.06)	0.00	0.00	0.04	0.00	0.02	0.00	0.31
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.06	1.06	1.06	1.06	0.35
1996	Wet	1.07	0.08	1.07	(12.76)	(11.17)	(5.27)	(0.76)	(0.90)	(0.17)	(0.18)	(0.19)	0.25	(2.41)
1997	Wet	0.02	0.45	(0.42)	(0.08)	(0.06)	0.97	0.11	0.05	1.11	1.11	1.11	1.12	0.46
1998	Wet	1.10	1.12	0.86	1.10	(0.02)	(0.06)	(0.07)	(2.48)	(3.64)	(3.74)	(2.75)	(1.13)	(0.81)
1999	Wet	11.90	1.07	1.28	0.67	(0.25)	0.00	(1.33)	0.12	1.24	1.23	1.24	1.76	1.58
2000	Above Normal	1.54	0.31	0.87	1.20	0.18	(0.26)	(0.18)	(0.01)	1.18	1.42	1.16	0.99	0.70
2001	Dry	0.82	0.85	0.52	0.16	(0.80)	(0.22)	0.13	0.17	0.40	0.43	0.37	0.29	0.26
2002	Dry	0.24	0.21	0.20	0.16	0.02	(0.02)	(0.09)	(0.11)	(0.13)	(0.14)	(0.14)	(0.10)	0.01
2003	Above Normal	(0.09)	0.58	(0.73)	0.31	0.28	0.11	0.00	(0.01)	0.64	0.64	0.63	0.63	0.25
	Average	0.86	0.93	0.82	(0.01)	(0.39)	(0.44)	0.03	(0.30)	0.17	0.60	0.19	0.41	0.24
	Wet	0.85	0.91	0.61	(1.00)	(0.40)	(0.66)	(0.17)	(0.52)	0.25	0.45	0.46	0.87	0.14
	Above Normal	0.62	0.22	0.53	0.68	0.08	0.15	(0.20)	0.20	1.20	2.73	0.75	0.95	0.66
	Below Normal	0.99	0.48	0.56	0.26	(1.28)	(0.79)	0.72	(0.79)	(0.99)	1.20	1.24	1.24	0.24
	Dry	0.94	1.89	1.51	0.60	(0.12)	(0.50)	(0.16)	(0.17)	0.48	0.03	(0.06)	0.18	0.38
	Critical	0.88	0.77	0.82	0.25	(0.20)	(0.05)	0.19	0.05	(0.09)	(1.04)	(1.79)	(1.74)	(0.16)

Percent Difference in Energy Use (GWh) At Pumping Plant at SWP Dos Amigos: Alternative2_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%	14%	14%	12%
1923	Below Normal	13%	5%	11%	2%	2%	17%	30%	-34%	-50%	12%	16%	24%
1924	Critical	23%	35%	38%	55%	42%	18%	10%	11%	1%	-39%	-92%	-68%
1925	Dry	165%	332%	418%	62%	25%	-53%	-6%	-15%	-15%	-15%	-15%	-14%
1926	Dry	-15%	-15%	-15%	11%	0%	5%	4%	6%	6%	6%	7%	6%
1927	Wet	7%	7%	8%	8%	-5%	0%	-2%	-2%	0%	0%	0%	1%
1928	Above Normal	2%	1%	1%	4%	-2%	-5%	-6%	1%	-3%	12%	6%	3%
1929	Critical	-3%	-3%	-7%	-29%	-31%	-19%	5%	-4%	-4%	-4%	-4%	-53%
1930	Dry	35%	27%	19%	24%	2%	3%	0%	0%	0%	0%	1%	1%
1931	Critical	1%	1%	1%	3%	2%	2%	0%	0%	0%	0%	0%	-44%
1932	Dry	0%	57%	38%	15%	1%	2%	0%	0%	3%	3%	3%	5%
1933	Critical	7%	8%	3%	18%	0%	4%	3%	3%	3%	4%	6%	7%
1934	Critical	10%	2%	40%	11%	3%	-3%	-4%	-4%	-4%	-4%	-24%	12%
1935	Below Normal	12%	-4%	-5%	-1%	-1%	0%	1%	1%	6%	2%	3%	4%
1936	Below Normal	4%	6%	5%	15%	0%	-4%	0%	0%	2%	2%	2%	3%
1937	Below Normal	4%	4%	3%	0%	-21%	2%	-1%	-1%	2%	1%	1%	2%
1938	Wet	3%	3%	-1%	-28%	0%	2%	1%	-18%	-11%	-7%	-9%	2%
1939	Dry	0%	16%	4%	2%	-1%	-3%	-7%	2%	12%	2%	0%	4%
1940	Above Normal	5%	-14%	11%	2%	-14%	-2%	0%	0%	2%	2%	2%	3%
1941	Wet	5%	6%	0%	0%	0%	-3%	0%	0%	3%	2%	2%	3%
1942	Wet	3%	3%	0%	0%	0%	0%	0%	-1%	2%	2%	1%	3%
1943	Wet	3%	3%	3%	1%	0%	1%	1%	-1%	1%	1%	1%	2%
1944	Dry	2%	3%	3%	-8%	-11%	-6%	0%	0%	2%	2%	1%	3%
1945	Below Normal	5%	5%	7%	11%	0%	-10%	0%	0%	2%	2%	2%	2%
1946	Below Normal	4%	4%	4%	3%	0%	0%	0%	0%	3%	3%	3%	4%
1947	Dry	2%	5%	4%	4%	0%	0%	0%	0%	1%	2%	1%	2%
1948	Below Normal	2%	2%	2%	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%	0%	-1%	0%
1953	Wet	3%	-1%	9%	2%	-1%	-7%	-14%	-1%	2%	1%	2%	4%
1954	Above Normal	5%	4%	7%	11%	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%	3%	3%	0%	0%	0%	0%	9%	2%	2%	4%
1958	Wet	5%	5%	5%	16%	0%	0%	0%	0%	2%	2%	2%	3%
1959	Below Normal	3%	1%	4%	3%	0%	-3%	-2%	-2%	-11%	0%	1%	2%
1960	Dry	2%	4%	4%	10%	-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	5%	5%	5%	7%	0%	0%	0%	0%	2%	2%	2%	3%
1964	Dry	4%	5%	2%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	2%	3%	3%	4%
1966	Below Normal	3%	2%	4%	3%	-1%	0%	0%	0%	2%	2%	2%	3%
1967	Wet	3%	5%	10%	11%	0%	0%	0%	0%	0%	2%	2%	3%
1968	Below Normal	3%	1%	0%	3%	0%	-2%	2%	0%	3%	4%	3%	3%
1969	Wet	2%	3%	1%	-20%	3%	0%	-1%	-1%	-1%	2%	2%	3%
1970	Wet	3%	4%	5%	0%	3%	0%	-2%	0%	3%	3%	3%	3%
1971	Wet	4%	4%	4%	3%	0%	0%	0%	0%	1%	2%	2%	3%
1972	Below Normal	3%	5%	6%	12%	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	4%	4%	3%	3%	0%	-4%	3%	-2%	0%	0%	0%	1%
1975	Wet	2%	1%	2%	1%	-1%	-3%	1%	1%	3%	3%	3%	4%
1976	Critical	5%	4%	5%	5%	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%	5%	7%	4%	3%
1979	Below Normal	0%	-3%	-2%	-13%	-25%	-24%	9%	0%	2%	2%	2%	2%
1980	Above Normal	4%	5%	4%	-4%	0%	6%	-7%	-4%	0%	24%	-15%	-4%
1981	Dry	0%	1%	0%	4%	-1%	12%	2%	2%	23%	3%	0%	5%
1982	Wet	6%	7%	6%	8%	0%	0%	0%	0%	2%	2%	2%	3%
1983	Wet	-13%	14%	0%	0%	0%	0%	0%	0%	0%	0%	3%	4%
1984	Wet	-7%	0%	0%	0%	0%	0%	0%	0%	2%	2%	2%	3%
1985	Dry	4%	4%	3%	3%	0%	0%	0%	0%	2%	2%	2%	3%
1986	Wet	3%	4%	4%	3%	0%	-20%	6%	0%	2%	2%	1%	3%
1987	Dry	4%	7%	3%	3%	0%	0%	-3%	-3%	-2%	-2%	-2%	-1%
1988	Critical	0%	1%	3%	7%	-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%	3%	3%	4%
1994	Critical	4%	4%	4%	5%	-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%	0%	0%	0%	1%
1997	Wet	0%	2%	-2%	0%	0%	2%	0%	0%	2%	2%	2%	3%
1998	Wet	4%	3%	4%	3%	0%	0%	0%	-6%	-7%	-7%	-5%	-3%
1999	Wet	40%	2%	4%	2%	-1%	0%	-4%	0%	3%	3%	3%	5%
2000	Above Normal	5%	1%	4%	4%	1%	-1%	-1%	0%	3%	3%	3%	3%
2001	Dry	3%	3%	3%	1%	-7%	-2%	1%	1%	1%	1%	1%	2%
2002	Dry	2%	3%	3%	4%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	3%	-3%	5%	3%	1%	0%	0%	3%	1%	1%	2%
	Average	5%	8%	9%	4%	-1%	-1%	0%	-1%	1%	1%	0%	0%
	Wet	3%	3%	3%	-1%	-1%	-2%	-1%	-1%	1%	1%	1%	3%
	Above Normal	2%	0%	2%	6%	0%	0%	-1%	1%	4%	6%	2%	3%
	Below Normal	4%	2%	3%	3%	-4%	-2%	3%	-2%	-2%	3%	3%	4%
	Dry	12%	25%	27%	8%	1%	-2%	-1%	0%	2%	0%	0%	1%
	Critical	4%	4%	8%	6%	1%	0%	2%	0%	0%	-4%	-11%	-12%

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: Alternative2_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	30.24	0.00	0.00	0.00	12.08	11.58	25.87	204.29
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	40.36	6.56	0.00	0.00	0.00	0.00	0.00	0.50	0.42	0.31	67.74
1925	Dry	0.16	0.04	9.87	31.56	20.07	47.57	0.00	0.00	0.00	19.26	0.00	34.52	163.05
1926	Dry	4.65	4.93	19.04	37.00	8.52	0.00	0.00	0.00	0.00	11.82	0.00	9.52	95.48
1927	Wet	0.00	50.95	31.94	22.90	38.66	8.11	0.00	0.00	0.00	15.04	16.40	27.80	211.80
1928	Above Normal	0.00	0.00	69.83	0.00	0.00	34.92	0.00	0.00	0.00	3.38	8.18	24.23	140.54
1929	Critical	5.53	0.00	29.03	14.26	11.61	20.40	0.00	0.00	0.00	0.00	0.00	0.34	81.17
1930	Dry	0.93	2.16	42.12	31.59	26.53	24.30	0.00	0.00	0.00	35.21	0.00	58.31	221.15
1931	Critical	4.92	4.54	4.49	42.99	17.77	0.00	0.00	0.00	0.00	4.32	0.00	0.00	79.03
1932	Dry	0.17	2.93	96.48	48.78	56.81	53.88	0.00	0.00	0.00	35.46	34.36	0.00	328.87
1933	Critical	0.00	0.00	17.41	49.16	86.43	4.53	0.00	0.00	0.00	0.00	0.00	0.00	157.53
1934	Critical	0.00	0.09	47.75	96.18	60.45	5.48	0.00	0.00	0.00	0.00	0.00	0.33	210.28
1935	Below Normal	0.19	9.55	28.04	47.53	30.09	20.71	0.00	0.00	0.00	5.78	15.11	32.52	189.52
1936	Below Normal	8.41	6.01	18.03	22.03	131.91	59.47	0.00	0.00	0.00	16.97	18.73	16.43	297.99
1937	Below Normal	18.68	0.00	67.80	0.77	67.56	0.72	0.00	0.00	0.00	13.83	0.00	0.00	169.36
1938	Wet	24.86	60.64	42.62	47.50	8.91	0.57	0.00	0.00	11.62	14.91	15.99	22.50	250.12
1939	Dry	0.00	0.00	53.16	0.00	0.00	0.00	0.00	0.00	0.00	3.51	0.00	22.07	78.74
1940	Above Normal	0.00	0.00	0.01	25.55	38.24	65.82	0.00	0.00	0.00	1.46	8.42	26.62	166.12
1941	Wet	5.21	0.00	31.03	40.52	102.49	68.55	0.00	0.00	0.00	22.56	23.71	33.29	327.36
1942	Wet	0.00	0.00	29.68	2.79	2.08	0.00	0.00	0.00	0.00	19.73	18.80	26.53	99.61
1943	Wet	0.00	0.00	20.98	16.90	18.35	63.74	0.00	0.00	0.00	5.39	8.01	17.64	151.01
1944	Dry	0.00	0.00	54.12	9.44	13.26	8.64	0.00	0.00	0.00	22.03	9.18	0.00	116.67
1945	Below Normal	3.05	67.00	45.51	45.12	45.89	20.60	0.00	0.00	0.00	17.53	18.86	19.66	283.22
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	13.82	10.45	0.00	0.00	0.00	14.80	0.00	0.00	0.42	8.22	15.70	28.66	92.07
1949	Dry	6.32	4.81	38.53	39.71	36.89	8.21	0.00	0.00	0.00	9.41	0.00	24.73	168.61
1950	Below Normal	0.00	0.00	0.00	19.35	20.77	34.45	0.00	0.00	0.00	7.31	15.29	29.33	126.50
1951	Above Normal	35.37	71.18	103.00	0.00	0.11	0.71	0.00	0.00	0.00	5.74	12.34	23.56	252.01
1952	Wet	0.00	13.37	20.78	2.53	0.00	80.56	0.00	0.00	1.96	23.67	29.92	40.45	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	83.01	45.59	28.71	13.54	0.00	0.00	0.00	22.00	0.00	18.29	228.25
1956	Wet	0.00	31.02	61.02	87.25	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	63.86	0.00	0.00	0.00	0.00	0.00	0.47	3.95	15.13	28.14	111.55
1958	Wet	57.18	12.84	32.70	30.13	29.56	47.12	0.00	0.00	0.00	3.52	4.82	26.26	244.13
1959	Below Normal	0.00	0.00	64.20	0.00	0.00	0.00	0.00	0.00	0.00	6.35	12.32	29.74	112.61
1960	Dry	6.37	4.23	6.40	36.93	19.50	18.42	0.00	0.00	0.00	1.88	0.00	23.10	116.83
1961	Dry	0.00	14.11	72.09	34.19	8.87	35.19	0.00	0.00	0.00	14.04	0.00	0.28	178.77
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	6.81	13.60	32.11	148.71
1967	Wet	0.15	20.45	42.51	43.85	26.89	38.10	0.00	0.00	9.46	14.72	16.46	34.32	246.91
1968	Below Normal	9.70	0.00	74.75	0.00	0.00	0.00	0.00	0.00	0.00	10.88	15.40	34.29	145.02
1969	Wet	15.78	26.28	88.60	26.50	15.47	0.65	0.00	17.90	3.12	3.66	3.19	2.21	203.36
1970	Wet	1.17	0.00	31.69	18.39	0.14	0.74	0.00	0.00	0.00	21.98	17.28	0.00	91.39
1971	Wet	0.00	34.23	19.24	0.00	0.00	6.99	0.00	0.00	0.00	9.49	17.41	32.66	120.02
1972	Below Normal	6.37	0.00	84.01	38.52	0.00	0.00	0.00	0.00	0.00	8.37	16.17	34.80	188.24
1973	Above Normal	19.84	67.77	30.26	26.39	23.17	8.25	0.00	0.00	0.00	15.39	16.37	10.28	217.72
1974	Wet	31.83	59.47	30.07	0.00	0.00	11.77	0.00	0.00	0.00	14.23	14.03	28.93	190.33
1975	Wet	14.06	0.00	72.16	0.00	0.00	24.18	0.00	0.00	0.00	13.32	14.44	25.41	163.57
1976	Critical	38.45	0.00	70.38	0.00	0.00	6.19	0.00	0.00	0.00	5.35	0.00	27.69	148.06
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	27.90	46.71	31.82	0.00	0.00	0.00	19.99	20.91	33.95	181.53
1979	Below Normal	3.57	0.00	79.89	15.75	34.68	22.01	0.00	0.00	0.00	20.16	20.69	8.73	205.48
1980	Above Normal	34.29	3.40	78.50	10.07	7.87	0.65	0.00	0.00	0.00	7.33	0.00	0.00	142.11
1981	Dry	8.61	0.00	72.91	0.00	0.00	0.00	0.00	0.00	0.00	4.79	0.00	26.05	112.36
1982	Wet	4.86	57.81	26.75	36.39	98.74	18.85	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	78.11	0.00	0.00	0.00	18.38	0.00	15.82	250.02
1987	Dry	0.00	0.00	66.41	0.00	0.00	0.00	0.00	0.00	0.00	3.72	0.00	1.37	71.50
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	24.98	37.42	46.02	5.62	3.59	0.00	0.00	0.00	1.98	0.00	27.45	147.06
1990	Critical	4.99	0.00	14.89	33.28	14.69	0.00	0.00	0.00	0.00	36.33	0.00	0.00	104.18
1991	Critical	0.00	0.00	7.74	0.00	6.57	3.54	0.00	0.00	0.42	36.49	0.00	0.00	54.76
1992	Critical	0.00	0.00	8.50	9.83	11.47	19.55	0.00	0.00	0.00	0.00	0.46	0.33	50.14
1993	Above Normal	0.20	0.05	12.68	32.23	31.53	20.68	0.00	0.00	0.00	11.17	15.19	26.43	150.16
1994	Critical	6.50	0.00	72.42	9.14	7.27	2.12	0.00	0.00	0.00	14.73	0.00	0.31	112.49
1995	Wet	0.18	0.03	0.00	30.74	27.21	90.94	0.00	0.00	0.00	3.95	8.83	24.12	186.00
1996	Wet	0.00	0.00	9.22	7.37	73.65	57.87	0.00	0.00	0.00	14.83	15.88	27.66	206.48
1997	Wet	0.00	0.00	77.65	72.77	66.70	23.89	0.00	0.00	0.00	1.63	12.23	29.54	284.41
1998	Wet	0.00	0.00	66.98	0.00	56.09	57.53	0.00	0.00	10.58	14.91	18.91	37.35	262.35
1999	Wet	27.02	0.29	0.00	0.00	5.65	0.56	0.00	0.00	0.00	20.28	21.99	0.00	75.79
2000	Above Normal	0.00	0.00	66.80	0.00	15.72	46.11	0.00	0.00	0.00	3.38	12.17	27.05	171.23
2001	Dry	0.00	0.00	74.39	35.25	24.92	28.79	0.00	0.00	0.00	11.91	0.00	11.44	186.70
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	4.81	23.29	29.52	26.17	0.00	0.00	0.00	11.49	19.20	31.90	146.38
	Average	8.11	12.77	39.66	20.23	20.94	18.50	0.03	0.25	0.51	11.88	9.54	20.04	162.46
	Wet	11.89	18.39	32.87	20.16	24.04	27.22	0.10	0.79	1.52	13.44	14.71	24.11	189.23
	Above Normal	7.53	11.87	47.48	15.47	17.90	22.63	0.00	0.00	0.04	7.98	12.65	23.75	167.30
	Below Normal	7.24	11.89	42.91	15.33	26.12	14.88	0.00	0.00	0.06	11.03	14.52	24.19	168.16
	Dry	4.52	14.08	48.95	24.07	16.40	14.33	0.00	0.00	0.00	13.99	2.42	20.17	158.93
	Critical	6.89	0.57	28.85	25.10	18.02	5.95	0.00	0.03	0.08	10.18	0.11	2.47	98.25

Difference in Energy Use (GWh) At Pumping Plant at SWP San Luis: Alternative2_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)	(2.30)	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)	24.98	(20.99)	(9.44)	0.00	0.00	0.00	0.00	(48.57)	0.42	0.31	(5.23)
1925	Dry	(15.95)	(28.61)	(45.12)	(17.23)	(8.45)	16.49	0.00	0.00	0.00	5.30	0.00	(3.75)	(8.11)
1926	Dry	(2.79)	(2.18)	4.21	(3.54)	(0.61)	0.00	0.00	0.00	0.00	(7.67)	0.00	7.25	(0.44)
1927	Wet	0.00	(21.03)	(4.65)	(3.35)	(3.20)	(1.37)	0.00	0.00	0.00	(4.37)	(4.94)	(8.03)	(4.25)
1928	Above Normal	0.00	0.00	(4.22)	0.00	0.00	(0.98)	0.00	0.00	0.00	(7.66)	(4.70)	(5.92)	(1.96)
1929	Critical	0.64	0.00	(2.28)	14.26	11.61	4.24	0.00	0.00	0.00	0.00	0.00	0.34	2.40
1930	Dry	(3.06)	(2.31)	(1.87)	(1.82)	(0.63)	(1.13)	0.00	0.00	0.00	(0.59)	0.00	(0.74)	(1.01)
1931	Critical	(0.01)	0.01	(0.23)	(1.05)	(0.81)	0.00	0.00	0.00	0.00	(0.85)	0.00	0.00	(0.25)
1932	Dry	0.00	(4.85)	(4.66)	(2.06)	(0.99)	(1.68)	0.00	0.00	0.00	(0.35)	25.15	0.00	0.88
1933	Critical	(6.03)	(5.66)	1.36	12.86	13.09	(1.12)	0.00	0.00	0.00	0.00	0.00	0.00	1.21
1934	Critical	0.00	(2.04)	(6.65)	(2.29)	(1.40)	(1.48)	0.00	0.00	0.00	0.00	0.00	0.00	(1.16)
1935	Below Normal	0.00	1.02	1.05	0.17	0.14	0.05	0.00	0.00	0.00	(0.51)	(0.58)	(0.85)	0.04
1936	Below Normal	0.01	0.03	(0.19)	(0.10)	(0.40)	1.31	0.00	0.00	0.00	(0.38)	(0.40)	(0.07)	(0.02)
1937	Below Normal	(0.40)	0.00	(1.60)	(25.27)	25.45	0.00	0.00	0.00	0.00	0.20	0.00	0.00	(0.14)
1938	Wet	(0.18)	(1.58)	(22.93)	12.63	8.81	0.00	0.00	(23.88)	8.45	11.43	13.17	20.46	2.20
1939	Dry	0.00	0.00	(5.34)	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	0.00	(0.27)	(0.47)
1940	Above Normal	0.00	0.00	(2.90)	1.94	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)	(2.93)	2.07	0.00	0.00	0.00	(0.14)	(0.11)	(0.13)	(0.14)
1942	Wet	0.00	0.00	(0.04)	(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	0.35	(18.97)	(1.12)	(2.36)	0.00	0.00	0.00	(0.12)	(0.14)	(1.73)	(2.01)
1944	Dry	0.00	0.00	(8.09)	7.06	6.54	2.31	0.00	0.00	0.00	0.15	1.36	0.00	0.78
1945	Below Normal	0.16	0.83	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	(0.43)	(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	0.08	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)	0.05	0.00	0.00	0.00	(0.07)	0.00	(0.02)	(0.01)
1950	Below Normal	0.00	0.00	0.00	0.46	0.41	0.13	0.00	0.00	0.00	0.00	0.00	0.01	0.08
1951	Above Normal	0.00	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	0.00	0.00	(0.62)	0.00	(0.55)	0.00	0.00	(11.46)	1.65	1.68	10.22	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)	(0.26)	(0.24)	(0.09)	0.06	0.00	0.00	0.00	0.57	0.00	(1.11)	(0.10)
1956	Wet	0.00	0.23	(14.92)	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)	(0.14)	(0.12)	(0.01)	0.00	0.18	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	0.59	0.53	0.24	0.05
1960	Dry	(0.09)	(0.11)	(0.18)	0.30	0.26	(0.07)	0.00	0.00	0.00	0.39	0.00	0.52	0.09
1961	Dry	0.00	0.35	0.42	(0.87)	(0.89)	(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	(0.01)	(0.02)	(0.02)	(0.01)
1967	Wet	0.15	0.01	0.01	0.09	0.03	(0.08)	0.00	0.00	(7.08)	(0.37)	(0.54)	(1.57)	(0.78)
1968	Below Normal	(1.44)	0.00	1.32	0.00	0.00	0.00	0.00	0.00	0.00	(1.31)	(0.80)	(1.27)	(0.29)
1969	Wet	(5.55)	0.82	(0.20)	1.89	15.39	0.00	0.00	5.41	0.00	0.00	0.00	0.00	1.48
1970	Wet	0.01	0.00	0.47	(0.69)	0.00	0.00	0.00	0.00	0.00	0.95	(0.22)	0.00	0.04
1971	Wet	0.00	(0.19)	(0.19)	0.00	0.00	(0.05)	0.00	0.00	0.00	0.06	0.06	0.04	(0.02)
1972	Below Normal	(0.01)	0.00	0.04	(0.04)	0.00	0.00	0.00	0.00	0.00	0.03	0.02	0.03	0.01
1973	Above Normal	0.02	0.01	0.00	(0.07)	(0.06)	(0.14)	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	(17.64)	0.00	0.00	0.00	(0.07)	0.76	7.25	(0.95)
1975	Wet	1.52	0.00	0.90	0.00	0.00	1.90	0.00	0.00	0.00	(0.46)	(0.50)	(0.36)	0.25
1976	Critical	0.48	0.00	(0.49)	0.00	0.00	(0.08)	0.00	0.00	0.00	0.00	0.00	0.33	0.02
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	(0.09)	(5.69)	(8.63)	0.00	0.00	(9.28)	(6.99)	(7.64)	(7.94)	(3.86)
1979	Below Normal	1.46	0.00	(1.26)	10.04	16.75	21.36	0.00	0.00	0.00	0.22	(1.21)	8.73	4.67
1980	Above Normal	12.54	2.45	0.77	(34.85)	7.74	0.00	0.00	0.00	0.00	(18.85)	0.00	0.00	(2.52)
1981	Dry	3.36	0.00	3.86	0.00	0.00	0.00	0.00	0.00	0.00	(0.60)	0.00	(0.45)	0.51
1982	Wet	0.11	(0.88)	(0.53)	(0.27)	(2.03)	3.90	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)	38.76	0.00	0.00	0.00	(0.36)	0.00	(17.81)	(1.39)
1987	Dry	(0.65)	0.00	(0.69)	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	0.03	0.05	0.03	0.01	0.03	0.00	0.00	0.00	0.04	0.00	(0.28)	(0.01)
1990	Critical	(0.01)	0.00	0.23	(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	(0.02)	0.00	(0.02)	(0.01)	0.00	0.00	0.00	0.20	0.00	0.00	0.01
1992	Critical	0.00	0.00	(0.20)	(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	(0.51)	(0.05)	0.05	0.10	0.00	0.00	0.00	(0.17)	(0.11)	(0.09)	(0.07)
1994	Critical	(0.05)	0.00	(0.03)	0.29	0.26	0.11	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)	(0.96)	0.00	(22.33)	(2.97)	(0.43)	(2.44)	(6.55)	(2.98)
1996	Wet	0.00	0.00	(2.06)	7.37	22.52	4.00	0.00	0.00	0.00	0.89	1.29	1.13	2.93
1997	Wet	0.00	0.00	1.25	0.27	0.31	(4.91)	0.00	0.00	0.00	0.23	(0.21)	(0.43)	(0.29)
1998	Wet	0.00	0.00	(0.25)	0.00	(0.37)	(0.58)	0.00	0.00	7.33	7.40	7.45	4.75	2.14
1999	Wet	(21.45)	0.00	0.00	0.00	(2.47)	0.00	0.00	0.00	0.00	(0.29)	(0.31)	0.00	(2.04)
2000	Above Normal	0.00	0.00	(0.26)	0.00	(1.35)	(0.48)	0.00	0.00	0.00	(0.47)	(0.18)	(0.26)	(0.25)
2001	Dry	0.00	0.00	(3.09)	1.85	1.83	0.53	0.00	0.00	0.00	2.53	0.00	(0.20)	0.29
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	1.05	(0.60)	(0.57)	(0.23)	0.00	0.00	0.00	0.00	0.01	0.01	(0.03)
	Average	(0.32)	(0.94)	(1.29)	(0.77)	0.50	0.66	0.00	(0.50)	(0.29)	(1.08)	0.05	(0.18)	(0.35)
	Wet	(0.45)	(0.90)	(1.84)	0.22	(0.16)	0.86	0.00	(1.57)	(0.22)	0.61	0.60	0.59	(0.19)
	Above Normal	1.05	0.21	(0.50)	(3.38)	0.03	(1.13)	0.00	0.00	(1.56)	(3.84)	(2.23)	(2.34)	(1.14)
	Below Normal	(0.34)	0.11	(0.53)	(1.04)	2.48	1.97	0.00	0.00	0.03	(0.60)	(0.83)	(0.44)	0.07
	Dry	(1.08)	(2.13)	(3.41)	(0.92)	(0.18)	0.90	0.00	0.00	0.00	(0.04)	1.47	0.18	(0.43)
	Critical	(0.23)	(1.59)	1.40	0.25	1.10	0.14	0.00	0.00	0.00	(4.10)	0.04	0.08	(0.24)

Percent Difference in Energy Use (GWh) At Pumping Plant at SWP San Luis: Alternative2_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%	-76%	-100%	0%	0%	0%	0%	-99%	-	-
1925	Dry	-99%	-100%	-82%	-35%	-30%	53%	0%	0%	0%	38%	0%	-10%
1926	Dry	-38%	-31%	28%	-9%	-7%	0%	0%	0%	0%	-39%	0%	319%
1927	Wet	0%	-29%	-13%	-13%	-8%	-14%	0%	0%	0%	-23%	-23%	-22%
1928	Above Normal	0%	0%	-6%	0%	0%	-3%	0%	0%	0%	-69%	-36%	-20%
1929	Critical	13%	0%	-7%	-	-	26%	0%	0%	0%	0%	0%	-
1930	Dry	-77%	-52%	-4%	-5%	-2%	-4%	0%	0%	0%	-2%	0%	-1%
1931	Critical	0%	0%	-5%	-2%	-4%	0%	0%	0%	0%	-16%	0%	0%
1932	Dry	0%	-62%	-5%	-4%	-2%	-3%	0%	0%	0%	-1%	273%	0%
1933	Critical	-100%	-100%	8%	35%	18%	-20%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	-96%	-12%	-2%	-2%	-21%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	12%	4%	0%	0%	0%	0%	0%	0%	-8%	-4%	-3%
1936	Below Normal	0%	1%	-1%	0%	0%	2%	0%	0%	0%	-2%	-2%	0%
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%	267%	328%	467%	>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%	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%	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%	-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%	4%	1%
1960	Dry	-1%	-3%	-3%	1%	1%	0%	0%	0%	0%	26%	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%	-3%	-4%
1968	Below Normal	-13%	0%	2%	0%	0%	0%	0%	0%	0%	-11%	-5%	-4%
1969	Wet	-26%	3%	0%	8%	>1,000%	0%	0%	43%	0%	0%	0%	0%
1970	Wet	1%	0%	2%	-4%	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%	9%	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%	-26%	-27%	-19%
1979	Below Normal	69%	0%	-2%	176%	93%	>1,000%	0%	0%	0%	1%	-6%	-
1980	Above Normal	58%	258%	1%	-78%	>1,000%	0%	0%	0%	0%	-72%	0%	0%
1981	Dry	64%	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%	99%	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%	-22%	-21%
1996	Wet	0%	0%	-18%	-	44%	7%	0%	0%	0%	6%	9%	4%
1997	Wet	0%	0%	2%	0%	0%	-17%	0%	0%	0%	16%	-2%	-1%
1998	Wet	0%	0%	0%	0%	-1%	-1%	0%	0%	226%	99%	65%	15%
1999	Wet	-44%	0%	0%	0%	-30%	0%	0%	0%	0%	-1%	-1%	0%
2000	Above Normal	0%	0%	0%	0%	-8%	-1%	0%	0%	0%	-12%	-1%	-1%
2001	Dry	0%	0%	-4%	6%	8%	2%	0%	0%	0%	27%	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	-3%	-4%	-2%	1%	-1%	1%	0%	-2%	1%	0%	7%	4%
	Wet	-1%	-1%	-4%	-4%	-8%	2%	0%	-6%	10%	16%	19%	0%
	Above Normal	5%	21%	-7%	-7%	-2%	-5%	0%	0%	-17%	-21%	-10%	-6%
	Below Normal	1%	1%	-1%	6%	10%	2%	0%	0%	0%	-5%	-4%	-3%
	Dry	-14%	-14%	-5%	14%	3%	5%	0%	0%	0%	2%	16%	24%
	Critical	-6%	-23%	12%	-4%	-7%	-1%	0%	0%	0%	-10%	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: Alternative2_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	622.84	677.53	672.85	821.94	850.55	887.99	811.84	8,914.98
1923	Below Normal	672.51	594.10	571.53	933.48	913.31	1,042.19	796.28	333.18	138.00	1,025.55	1,053.92	956.87	9,030.92
1924	Critical	795.53	676.63	648.81	521.01	461.17	314.83	378.40	458.20	385.13	80.44	36.09	38.38	4,794.62
1925	Dry	413.24	614.16	702.32	232.63	224.35	372.53	546.75	623.74	664.29	810.08	741.46	740.98	6,686.53
1926	Dry	487.97	437.05	380.92	299.10	249.50	317.60	465.17	671.17	714.66	850.23	791.06	720.98	6,385.41
1927	Wet	500.53	593.93	436.22	255.18	371.52	675.48	693.87	687.54	780.95	868.63	899.63	826.94	7,590.42
1928	Above Normal	674.86	605.62	690.14	845.52	767.15	556.93	692.32	736.82	692.56	921.16	953.21	869.93	9,006.22
1929	Critical	677.77	584.12	581.38	567.54	514.11	368.54	327.53	373.75	364.56	363.54	331.86	98.06	5,152.76
1930	Dry	237.88	171.14	224.25	170.90	217.91	288.13	496.68	573.51	594.40	742.70	620.28	668.48	5,006.26
1931	Critical	364.93	308.45	241.47	248.81	222.60	222.55	389.06	464.64	476.91	541.61	425.10	160.36	4,066.49
1932	Dry	200.71	282.14	413.96	237.29	303.20	393.84	482.84	564.01	596.56	781.46	766.38	587.71	5,610.10
1933	Critical	427.25	371.94	318.12	297.73	358.49	288.65	454.80	554.46	570.47	600.37	549.10	484.01	5,275.39
1934	Critical	306.05	221.02	351.77	351.12	280.48	235.39	399.96	485.95	491.16	490.65	44.98	36.75	3,695.28
1935	Below Normal	325.14	558.50	469.03	231.74	244.30	313.71	634.95	736.45	544.04	1,000.85	1,016.35	923.57	6,998.63
1936	Below Normal	662.41	593.60	498.13	286.70	516.89	920.54	655.82	729.31	822.53	914.27	948.62	843.20	8,392.02
1937	Below Normal	758.62	644.39	710.00	841.92	1,051.17	1,050.66	637.53	689.70	816.90	875.34	860.81	739.13	9,676.17
1938	Wet	727.42	734.88	597.11	1,041.75	977.42	1,062.73	614.66	682.53	788.08	839.45	880.94	776.47	9,723.44
1939	Dry	647.50	544.08	636.45	970.69	875.20	1,006.13	646.35	725.04	410.63	984.63	717.38	984.11	9,148.19
1940	Above Normal	707.30	323.24	782.69	200.14	218.19	497.01	631.97	737.55	695.53	960.32	981.33	891.14	7,626.41
1941	Wet	635.72	549.87	495.62	394.23	602.50	1,058.94	548.68	612.90	710.14	796.79	834.00	747.97	7,987.36
1942	Wet	584.94	492.20	498.57	966.78	931.12	1,079.96	786.74	655.32	753.61	830.60	863.92	779.26	9,223.02
1943	Wet	641.61	539.04	545.67	860.08	962.70	1,024.26	765.87	724.54	805.50	899.22	939.51	851.05	9,559.05
1944	Dry	714.53	602.21	700.33	656.81	595.77	413.01	498.42	575.49	627.30	768.89	714.43	586.50	7,453.69
1945	Below Normal	422.42	518.96	383.41	315.84	310.30	982.55	651.34	700.91	779.90	886.18	917.65	823.05	7,692.51
1946	Below Normal	762.45	748.65	799.97	907.48	640.85	709.93	666.63	665.96	741.32	849.85	882.18	795.60	9,170.87
1947	Dry	714.25	660.26	583.37	843.36	797.83	503.38	691.75	738.15	787.17	914.14	884.96	848.88	8,967.50
1948	Below Normal	672.32	599.22	483.82	493.05	423.51	344.37	423.76	530.09	109.76	973.73	984.69	889.35	6,927.67
1949	Dry	628.46	558.30	518.64	301.65	308.99	319.84	684.19	722.88	761.89	885.77	845.99	823.94	7,360.54
1950	Below Normal	594.65	544.43	470.65	239.01	249.51	332.49	574.02	658.98	103.02	976.67	986.46	891.68	6,621.57
1951	Above Normal	696.04	699.35	711.71	1,013.90	893.54	1,055.47	601.71	684.09	774.46	841.05	896.20	810.51	9,678.03
1952	Wet	674.18	646.84	580.16	987.79	934.07	857.02	571.61	584.79	653.09	752.65	793.76	716.18	8,752.14
1953	Wet	545.39	461.64	892.18	955.71	904.77	988.89	681.06	637.99	703.13	825.76	855.43	788.50	9,240.45
1954	Above Normal	583.66	497.27	619.64	671.89	645.70	650.68	637.33	733.63	787.51	857.67	947.34	855.88	8,488.20
1955	Dry	603.38	557.00	599.36	327.28	319.56	373.39	532.82	609.57	612.75	794.00	706.71	676.51	6,712.33
1956	Wet	459.32	478.03	453.32	890.00	926.90	1,072.26	688.30	749.93	867.71	926.72	965.57	857.44	9,335.50
1957	Above Normal	734.16	626.72	729.91	964.66	863.33	583.51	537.72	461.21	112.20	955.92	966.26	875.64	8,411.24
1958	Wet	730.57	561.44	492.37	276.36	509.05	1,047.67	714.22	768.33	881.19	926.07	969.36	889.12	8,765.75
1959	Below Normal	745.71	635.05	736.87	938.83	889.28	955.64	600.55	684.29	286.09	966.24	975.97	888.66	9,303.18
1960	Dry	640.41	562.27	455.19	295.39	241.74	311.80	663.95	774.14	581.22	982.92	768.73	959.54	7,237.30
1961	Dry	664.89	663.25	661.95	343.83	303.12	346.10	572.41	657.00	649.44	836.31	645.84	433.55	6,777.69
1962	Below Normal	115.24	612.22	703.52	169.43	204.14	412.48	582.17	668.75	120.25	1,001.24	1,012.73	916.40	6,518.57
1963	Wet	766.25	721.50	516.51	449.42	477.51	636.94	654.10	657.74	737.75	845.56	880.60	813.11	8,156.99
1964	Dry	676.18	715.51	793.00	764.92	489.19	495.14	697.76	683.04	699.89	832.62	791.38	790.85	8,429.48
1965	Wet	636.82	578.60	553.14	838.99	820.00	700.65	648.84	639.16	694.39	827.32	858.16	783.55	8,579.62
1966	Below Normal	613.20	593.46	662.37	887.85	881.14	682.78	613.02	696.67	705.66	898.50	924.50	840.88	9,000.03
1967	Wet	591.00	573.19	497.51	371.64	545.72	702.06	719.48	711.75	827.79	883.76	921.70	848.02	8,193.62
1968	Below Normal	708.88	571.22	706.83	965.91	914.20	973.42	725.24	673.39	730.73	865.61	891.23	816.93	9,543.59
1969	Wet	625.99	579.56	607.66	592.11	927.66	1,024.02	617.75	740.62	759.08	810.95	865.95	738.33	8,889.68
1970	Wet	698.24	494.37	571.34	1,039.77	976.39	1,103.29	622.11	685.41	761.05	873.32	902.06	749.71	9,477.06
1971	Wet	670.19	687.42	580.30	965.80	896.88	798.08	592.04	688.49	740.30	891.18	913.81	827.71	9,252.20
1972	Below Normal	578.59	470.39	584.81	317.20	397.72	560.43	635.66	703.04	733.94	874.96	897.97	816.48	7,571.19
1973	Above Normal	610.73	651.49	473.04	364.20	626.28	779.78	633.56	704.48	799.33	884.83	918.99	797.08	8,243.79
1974	Wet	762.36	750.74	614.02	983.09	904.71	963.17	757.40	690.78	792.97	869.19	905.67	833.29	9,827.39
1975	Wet	714.50	578.67	689.96	951.15	889.81	938.37	716.49	700.60	807.42	875.40	907.40	835.17	9,604.94
1976	Critical	772.61	581.26	695.59	835.07	772.23	533.14	606.34	697.58	303.17	932.44	680.65	918.70	8,328.78
1977	Critical	649.32	554.19	439.72	221.73	196.13	200.64	197.58	56.72	31.39	41.27	36.48	63.83	2,689.00
1978	Above Normal	16.89	120.16	498.79	178.88	296.64	580.69	644.74	650.45	762.79	848.86	873.33	800.74	6,272.96
1979	Below Normal	629.59	544.84	644.81	733.99	723.07	802.40	692.59	684.15	752.86	860.56	891.66	770.70	8,731.22
1980	Above Normal	733.88	603.78	685.07	837.47	967.13	1,057.84	557.71	625.24	743.08	788.06	783.80	681.36	9,064.42
1981	Dry	630.60	508.67	636.31	963.88	899.69	746.31	605.31	706.45	311.24	997.52	870.89	945.07	8,821.94
1982	Wet	682.08	730.89	530.68	482.42	638.00	1,133.17	826.93	727.77	851.67	901.07	944.29	867.27	9,316.24
1983	Wet	823.69	739.19	1,008.27	945.29	901.36	1,004.61	523.57	544.73	656.17	680.73	665.44	621.70	9,114.75
1984	Wet	675.25	623.28	1,066.79	1,013.32	1,004.74	1,092.01	607.84	692.64	769.54	873.43	908.87	815.93	10,143.64
1985	Dry	703.91	741.86	855.48	870.23	846.74	789.08	667.30	663.76	724.68	833.91	790.53	792.66	9,280.14
1986	Wet	683.92	662.66	574.92	781.29	823.11	973.88	725.06	726.48	825.71	901.80	910.21	822.97	9,412.01
1987	Dry	710.34	591.14	698.49	967.92	891.62	519.13	425.41	533.36	556.21	596.64	475.97	442.35	7,408.58
1988	Critical	230.24	181.00	233.33	185.76	161.03	220.55	314.34	362.33	356.37	465.34	318.59	293.28	3,322.16
1989	Dry	138.64	177.60	179.63	173.37	153.15	203.12	658.77	764.49	605.88	979.77	870.48	928.44	5,833.34
1990	Critical	662.16	579.36	501.63	277.29	252.37	245.67	378.22	460.47	462.12	612.12	411.56	384.13	5,227.10
1991	Critical	190.93	143.18	144.88	99.43	157.42	203.54	318.62	341.93	243.34	563.11	367.55	326.65	3,100.58
1992	Critical	169.94	111.31	138.65	117.14	163.50	230.54	309.55	358.60	376.52	50.79	36.05	295.32	2,357.91
1993	Above Normal	398.25	38.66	538.24	195.52	424.51	581.40	640.52	674.89	551.21	907.86	934.70	852.47	6,738.23
1994	Critical	670.90	552.69	653.12	624.04	566.50	450.57	549.33	630.48	524.13	821.80	248.08	668.90	6,960.54
1995	Wet	144.24	424.17	842.49	182.93	370.51	661.49	756.84	768.82	881.55	910.17	952.83	873.05	7,769.09
1996	Wet	705.76	632.07	611.44	511.06	716.19	777.65	702.69	685.63	782.94	862.15	895.74	823.17	8,706.49
1997	Wet	651.23	563.98	686.18	1,097.98	1,044.08	1,151.95	635.93	661.40	751.88	819.16	878.10	806.91	9,748.78
1998	Wet	629.68	558.04	659.84	946.58	1,034.16	1,065.85	667.57	667.23	782.70	798.68	870.01	799.00	9,479.34
1999	Wet	818.58	749.91	677.38	977.21	969.40	937.96	637.15	686.23	778.24	874.60	911.14	746.30	9,764.10
2000	Above Normal	662.73	567.09	685.86	867.05	872.27	746.74	650.41	736.30	809.69	929.02	957.76	869.66	9,354.58
2001	Dry	611.64	523.86	609.21	397.56	338.47	340.43	446.92	534.92	572.47	644.79	494.40	487.70	6,002.37
2002	Dry	235.10	258.22	263.28	183.29	305.71	386.78	710.65	692.38	732.01	842.96	768.86	798.74	6,177.98
2003	Above Normal	594.88	402.57	693.91	195.64	296.17	410.44	544.99	626.40	136.79	936.25	944.80	855.58	6,638.42
	Average	586.81	536.71	579.68	585.86	599.25	663.17	596.76	634.59	622.01	810.47	782.15	728.14	7,725.59
	Wet	645.36	604.08	626.14	759.92	810.01	943.55	672.18	683.82	774.79	852.48	888.23	801.47	9,062.04
	Above Normal	624.99	503.45	663.99	556.12	604.25	676.94	620.88	670.33	640.59	890.13	920.48	830.99	8,203.12
	Below Normal	590.12	587.79	601.84	590.17	597.10	720.26	634.97	653.92	527.50	926.40	946.05	850.89	8,227.01
	Dry	536.65	509.37	550.67	500.01	464.54	451.43	582.97	656.28	622.37	837.74	736.99	734.28	7,183.30
	Critical	493.14	405.43	412.37	362.22	342.17	292.88	385.31	437.09	382.11	463.62	290.51	314.03	4,580.88

Difference in Energy Use (GWh) At Pumping Plant at System Total: Alternative2_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	1.34	14.57	23.14	47.83	47.14	51.46	42.94	24.47
1923	Below Normal	48.42	49.99	32.85	(0.05)	11.21	152.35	188.51	(346.53)	(583.02)	176.70	178.15	161.74	5.86
1924	Critical	208.97	158.65	219.20	135.42	115.55	47.37	33.76	44.54	(32.67)	(488.32)	(335.13)	(288.41)	(15.09)
1925	Dry	195.35	414.83	472.61	40.68	26.26	(156.15)	(19.49)	(109.04)	(99.78)	(103.81)	(114.83)	(100.95)	37.14
1926	Dry	(90.66)	(83.77)	(53.03)	13.25	(2.39)	13.39	13.18	35.17	41.71	36.45	45.79	63.88	2.75
1927	Wet	32.41	9.91	21.16	12.92	(12.54)	2.43	(11.09)	(12.95)	17.36	13.07	11.55	10.00	7.85
1928	Above Normal	18.30	18.94	8.11	32.67	(9.96)	(19.95)	(19.70)	37.10	(58.63)	90.77	85.37	68.37	20.95
1929	Critical	22.95	23.06	(2.40)	(179.79)	(182.23)	(62.71)	4.83	(17.66)	(15.09)	(14.65)	(7.75)	(194.98)	(52.20)
1930	Dry	66.51	39.60	25.78	18.34	2.34	6.98	0.95	0.22	(0.14)	0.51	2.61	1.54	13.77
1931	Critical	4.17	4.79	3.50	3.53	3.46	5.71	(1.50)	(1.96)	(2.08)	(3.74)	(1.84)	(208.49)	(16.20)
1932	Dry	(1.98)	101.89	60.51	15.64	2.17	5.30	(0.52)	(0.26)	30.97	30.16	83.69	29.98	29.80
1933	Critical	15.35	10.40	12.07	55.55	23.38	8.07	11.06	8.38	13.77	14.97	32.83	29.57	19.62
1934	Critical	27.90	(2.53)	71.01	14.93	4.96	(6.10)	(15.36)	(20.22)	(21.66)	(21.19)	(30.67)	(2.05)	(0.08)
1935	Below Normal	30.27	(29.82)	(22.32)	(1.50)	(1.17)	(0.34)	4.44	5.52	60.92	31.78	32.10	31.45	11.78
1936	Below Normal	32.38	32.31	22.93	30.75	(0.84)	(22.80)	0.33	0.26	31.38	30.99	31.01	31.64	18.36
1937	Below Normal	30.99	31.38	21.31	(47.09)	15.63	92.64	(8.75)	(15.48)	29.94	21.81	17.41	22.07	17.66
1938	Wet	21.56	20.93	(50.37)	(18.82)	3.02	(22.68)	(3.65)	(138.07)	(39.31)	28.48	3.34	65.93	(10.80)
1939	Dry	26.87	30.33	17.12	40.43	0.46	(20.83)	(62.20)	10.45	99.26	29.68	19.65	30.91	18.51
1940	Above Normal	27.51	(78.76)	73.04	11.49	(16.93)	(4.66)	(0.24)	(0.29)	29.71	30.98	30.94	30.93	11.14
1941	Wet	31.07	31.55	(0.37)	(0.02)	(5.28)	(28.93)	(0.02)	(1.75)	30.49	30.96	31.00	30.98	12.47
1942	Wet	31.53	30.98	(0.07)	4.07	(3.24)	(3.66)	0.52	(2.04)	28.80	28.05	28.46	43.99	15.62
1943	Wet	29.81	27.96	22.97	(30.48)	(1.69)	11.69	13.72	(0.91)	24.14	30.06	29.43	27.90	15.38
1944	Dry	33.53	30.65	15.54	(47.12)	(70.17)	(24.05)	(1.20)	(0.76)	23.55	22.81	24.77	21.91	2.45
1945	Below Normal	20.94	21.27	21.47	23.25	(14.81)	(80.26)	0.84	0.90	32.03	31.91	31.88	33.23	10.22
1946	Below Normal	32.63	34.02	27.47	31.10	0.30	2.18	2.70	2.84	34.11	33.67	33.94	32.58	22.30
1947	Dry	33.01	33.42	25.16	35.74	1.03	(0.75)	(0.87)	1.63	18.18	18.99	19.06	18.29	16.91
1948	Below Normal	16.14	16.21	15.19	6.12	(9.56)	(3.24)	0.41	12.65	(0.18)	0.20	0.34	0.23	4.54
1949	Dry	0.30	0.33	0.16	(0.11)	0.13	(0.41)	(0.13)	0.52	0.48	0.68	0.60	0.47	0.25
1950	Below Normal	(0.91)	(0.07)	(0.33)	(5.01)	(4.47)	(1.41)	(0.10)	(0.12)	16.33	16.23	16.23	16.25	4.38
1951	Above Normal	16.26	16.29	(6.97)	0.00	0.00	0.00	0.00	0.00	31.09	31.10	31.10	31.09	12.50
1952	Wet	31.10	31.10	23.25	29.23	0.14	(0.58)	(2.74)	(28.98)	(48.81)	7.70	3.50	28.34	6.10
1953	Wet	4.96	8.99	55.77	25.54	(3.65)	(73.07)	(133.07)	(10.66)	27.49	25.29	25.90	27.18	(1.61)
1954	Above Normal	28.05	31.82	27.28	64.24	31.41	21.31	3.97	6.91	38.55	7.65	14.14	13.66	24.08
1955	Dry	13.94	13.42	12.86	13.00	0.15	(0.73)	(3.83)	(4.68)	(1.24)	(0.98)	(1.64)	(4.31)	3.00
1956	Wet	(0.12)	0.39	(29.94)	(94.07)	0.02	0.21	0.49	0.47	31.59	31.54	31.56	32.42	0.38
1957	Above Normal	31.56	31.52	24.22	29.49	(0.19)	(0.30)	0.26	1.99	30.28	31.32	31.33	31.29	20.23
1958	Wet	31.30	31.14	22.12	31.09	0.02	(0.95)	(3.04)	(5.15)	27.02	31.04	31.03	30.77	18.87
1959	Below Normal	31.10	30.58	30.37	31.05	(0.15)	(20.97)	(13.43)	(16.20)	(84.46)	24.97	22.89	23.45	4.93
1960	Dry	22.06	18.82	21.05	19.19	(2.24)	1.10	1.03	(1.37)	25.66	(7.17)	21.64	(15.18)	8.72
1961	Dry	(7.96)	(9.02)	(6.13)	10.51	9.30	3.65	1.16	1.42	1.46	1.45	7.37	(0.58)	1.05
1962	Below Normal	0.38	(0.09)	(0.20)	0.01	0.00	0.00	0.01	0.00	31.10	31.10	31.11	31.10	10.38
1963	Wet	31.11	31.10	22.72	31.10	(0.01)	(0.02)	0.00	(0.01)	31.10	31.09	31.09	31.09	20.03
1964	Dry	31.12	31.09	22.69	31.07	(0.23)	1.44	(0.29)	(0.29)	(0.31)	(0.27)	(0.20)	(0.24)	9.63
1965	Wet	(0.06)	(0.24)	(0.19)	0.05	1.44	(3.81)	0.20	1.27	20.54	34.39	34.32	34.04	10.16
1966	Below Normal	33.20	32.29	24.97	26.76	(4.26)	(1.98)	0.03	0.14	27.49	28.31	28.35	28.30	18.63
1967	Wet	28.60	28.18	26.18	27.30	(0.40)	(0.17)	(2.62)	(6.04)	(15.09)	29.89	29.51	28.76	14.51
1968	Below Normal	27.90	11.02	5.25	36.72	(0.06)	(25.78)	28.67	8.30	38.41	42.03	41.38	38.04	20.99
1969	Wet	19.55	30.44	16.37	(142.98)	22.71	15.43	(9.05)	5.06	(5.11)	26.33	26.25	26.41	2.62
1970	Wet	28.48	27.06	27.85	(7.51)	3.97	(2.03)	(15.97)	2.37	33.62	34.55	33.48	33.14	16.58
1971	Wet	33.42	32.93	25.02	37.43	(3.08)	1.15	(1.20)	(1.54)	13.87	25.59	25.38	25.41	17.87
1972	Below Normal	25.25	25.26	25.26	25.75	0.46	0.07	(0.12)	(0.31)	(0.32)	(0.36)	(0.30)	(0.25)	8.37
1973	Above Normal	(0.07)	(0.07)	(0.02)	0.72	0.59	1.43	(1.21)	0.12	31.23	30.98	30.99	31.11	10.48
1974	Wet	30.21	30.44	22.73	33.71	5.13	(79.70)	38.04	(5.54)	24.83	24.48	24.36	42.40	15.92
1975	Wet	25.28	25.90	21.10	15.91	(6.88)	(27.94)	6.56	6.59	38.08	37.56	37.86	37.23	18.10
1976	Critical	36.83	37.16	28.17	38.29	5.44	0.86	(3.13)	(3.79)	(2.66)	(4.72)	2.48	(5.75)	10.77
1977	Critical	(5.35)	(4.83)	(3.98)	(0.76)	(0.51)	(0.18)	19.53	0.00	0.24	(0.01)	(0.18)	(0.62)	0.28
1978	Above Normal	(1.05)	(5.77)	4.71	(0.08)	(11.72)	(29.72)	(8.39)	14.35	19.31	53.74	48.62	42.95	10.58
1979	Below Normal	29.95	27.65	11.20	(78.14)	(190.45)	(5.85)	81.56	6.40	35.59	35.46	33.78	59.74	3.91
1980	Above Normal	63.37	40.85	28.46	(98.88)	15.13	28.30	(27.56)	(24.93)	4.93	(26.00)	(30.13)	54.71	2.35
1981	Dry	6.88	7.99	7.94	47.54	(1.82)	66.99	12.48	16.07	138.02	27.49	1.66	37.53	30.73
1982	Wet	45.76	36.38	27.04	33.18	(0.53)	7.20	0.10	(6.58)	22.14	31.05	31.03	30.53	21.44
1983	Wet	0.99	56.52	4.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.10	31.10	10.34
1984	Wet	(3.47)	0.00	0.00	0.00	0.11	0.07	0.04	0.03	31.12	31.12	31.13	31.17	10.11
1985	Dry	31.12	31.12	23.27	31.08	(0.02)	(0.03)	0.01	0.02	26.58	26.57	26.56	26.57	18.57
1986	Wet	26.56	26.57	26.57	26.57	(71.13)	(170.14)	51.19	(0.24)	29.90	31.09	53.64	(6.30)	2.02
1987	Dry	35.73	36.38	19.32	34.95	0.05	0.21	(13.33)	(17.54)	(7.26)	(11.01)	(5.21)	(2.33)	5.83
1988	Critical	2.00	4.17	6.60	8.89	(1.65)	(0.35)	0.01	0.02	0.02	0.24	0.01	0.02	1.66
1989	Dry	0.01	0.04	(0.03)	(0.09)	(0.14)	(0.20)	(0.62)	(0.77)	(4.55)	(0.05)	(25.70)	6.83	(2.11)
1990	Critical	6.15	5.22	5.06	(0.17)	(0.08)	0.01	0.07	0.10	0.11	0.05	0.09	0.07	1.39
1991	Critical	0.04	0.03	(0.01)	0.00	(0.04)	(0.04)	(0.07)	(7.89)	0.03	2.48	1.84	1.48	(0.18)
1992	Critical	0.79	(7.34)	5.10	2.23	(0.05)	(0.09)	(0.03)	(0.04)	(0.04)	(0.73)	0.99	(2.39)	(0.13)
1993	Above Normal	(1.98)	(3.23)	6.94	(0.24)	(0.57)	(1.43)	(0.07)	0.76	22.90	33.64	33.51	33.22	10.29
1994	Critical	32.35	32.24	23.74	27.69	(2.95)	(1.39)	(0.12)	0.05	1.10	(0.16)	0.02	(0.11)	9.37
1995	Wet	4.98	(2.38)	(0.14)	(0.06)	(0.09)	(0.99)	(3.89)	(87.99)	11.31	30.66	28.66	24.54	0.38
1996	Wet	31.10	30.13	28.92	(356.38)	(305.65)	(149.50)	(18.65)	(19.71)	14.06	16.27	16.16	18.19	(57.92)
1997	Wet	17.43	18.07	(4.96)	(2.76)	(0.10)	(5.13)	2.98	0.49	30.97	33.35	32.49	32.21	12.92
1998	Wet	32.65	32.59	24.95	32.28	3.54	(3.51)	(3.17)	(30.19)	(20.49)	(21.82)	5.16	10.88	5.24
1999	Wet	46.08	(0.39)	31.81	32.38	(4.60)	(55.38)	(36.63)	1.95	33.19	32.90	33.04	31.14	12.12
2000	Above Normal	33.33	32.01	24.19	34.54	1.89	(6.48)	(1.68)	3.19	33.90	35.51	35.01	34.30	21.64
2001	Dry	29.38	29.52	11.35	9.49	(19.13)	(5.37)	3.09	4.07	8.72	15.04	8.07	7.50	8.48
2002	Dry	6.49	5.77	5.31	4.60	0.37	(0.31)	(2.05)	(2.07)	(2.19)	(2.02)	(2.29)	0.94	1.05
2003	Above Normal	(1.99)	18.29	(20.77)	6.37	5.74	2.12	(0.09)	(0.09)	18.64	18.57	18.56	18.58	6.99
	Average	24.00	24.07	21.94	4.47	(7.90)	(7.71)	1.10	(8.36)	6.73	13.58	16.51	14.06	8.54
	Wet	23.55	22.93	14.04	(10.78)	(14.57)	(22.69)	(5.04)	(13.08)	15.11	25.18	26.94	29.21	7.57
	Above Normal	17.77	8.49	14.10	11.93	1.48	(0.67)	(3.35)	5.19	20.81	32.12	31.74	36.10	14.64
	Below Normal	25.62	20.14	15.39	5.69	(14.16)	6.04	20.36	(24.40)	(23.62)	36.06	35.59	36.40	11.59
	Dry	23.98	40.69	37.86	17.68	(2.99)	(6.10)	(4.04)	(3.73)	16.62	4.70	6.20	6.82	11.47
	Critical	29.35	21.75	30.67	8.82	(2.89)	(0.74)	4.09	0.13	(4.91)	(42.98)	(28.11)	(55.97)	(3.40)

Percent Difference in Energy Use (GWh) At Pumping Plant at System Total: Alternative2_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%	6%	6%	6%
1923	Below Normal	8%	9%	6%	0%	1%	17%	31%	-51%	-81%	21%	20%	20%
1924	Critical	36%	31%	51%	35%	33%	18%	10%	11%	-8%	-86%	-90%	-88%
1925	Dry	90%	208%	206%	21%	13%	-30%	-3%	-15%	-13%	-11%	-13%	-12%
1926	Dry	-16%	-16%	-12%	5%	-1%	4%	3%	6%	6%	4%	6%	10%
1927	Wet	7%	2%	5%	5%	-3%	0%	-2%	-2%	2%	2%	1%	1%
1928	Above Normal	3%	3%	1%	4%	-1%	-3%	-3%	5%	-8%	11%	10%	9%
1929	Critical	4%	4%	0%	-24%	-26%	-15%	1%	-5%	-4%	-4%	-2%	-67%
1930	Dry	39%	30%	13%	12%	1%	2%	0%	0%	0%	0%	0%	0%
1931	Critical	1%	2%	1%	1%	2%	3%	0%	0%	0%	-1%	0%	-57%
1932	Dry	-1%	57%	17%	7%	1%	1%	0%	0%	5%	4%	12%	5%
1933	Critical	4%	3%	4%	23%	7%	3%	2%	2%	2%	3%	6%	7%
1934	Critical	10%	-1%	25%	4%	2%	-3%	-4%	-4%	-4%	-4%	-41%	-5%
1935	Below Normal	10%	-5%	-5%	-1%	0%	0%	1%	1%	13%	3%	3%	4%
1936	Below Normal	5%	6%	5%	12%	0%	-2%	0%	0%	4%	4%	3%	4%
1937	Below Normal	4%	5%	3%	-5%	2%	10%	-1%	-2%	4%	3%	2%	3%
1938	Wet	3%	3%	-8%	-2%	0%	-2%	-1%	-17%	-5%	4%	0%	9%
1939	Dry	4%	6%	3%	4%	0%	-2%	-9%	1%	32%	3%	3%	3%
1940	Above Normal	4%	-20%	10%	6%	-7%	-1%	0%	0%	4%	3%	3%	4%
1941	Wet	5%	6%	0%	0%	-1%	-3%	0%	0%	4%	4%	4%	4%
1942	Wet	6%	7%	0%	0%	0%	0%	0%	0%	4%	3%	3%	6%
1943	Wet	5%	5%	4%	-3%	0%	1%	2%	0%	3%	3%	3%	3%
1944	Dry	5%	5%	2%	-7%	-11%	-6%	0%	0%	4%	3%	4%	4%
1945	Below Normal	5%	4%	6%	8%	-5%	-8%	0%	0%	4%	4%	4%	4%
1946	Below Normal	4%	5%	4%	4%	0%	0%	0%	0%	5%	4%	4%	4%
1947	Dry	5%	5%	5%	4%	0%	0%	0%	0%	2%	2%	2%	2%
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%	0%	0%	0%	19%	2%	2%	2%
1951	Above Normal	2%	2%	-1%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1952	Wet	5%	5%	4%	3%	0%	0%	0%	-5%	-7%	1%	0%	4%
1953	Wet	1%	2%	7%	3%	0%	-7%	-16%	-2%	4%	3%	3%	4%
1954	Above Normal	5%	7%	5%	11%	5%	3%	1%	1%	5%	1%	2%	2%
1955	Dry	2%	2%	2%	4%	0%	0%	-1%	-1%	0%	0%	0%	-1%
1956	Wet	0%	0%	-6%	-10%	0%	0%	0%	0%	4%	4%	3%	4%
1957	Above Normal	4%	5%	3%	3%	0%	0%	0%	0%	37%	3%	3%	4%
1958	Wet	4%	6%	5%	13%	0%	0%	0%	-1%	3%	3%	3%	4%
1959	Below Normal	4%	5%	4%	3%	0%	-2%	-2%	-2%	-23%	3%	2%	3%
1960	Dry	4%	3%	5%	7%	-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%	35%	3%	3%	4%
1963	Wet	4%	5%	5%	7%	0%	0%	0%	0%	4%	4%	4%	4%
1964	Dry	5%	5%	3%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	3%	4%	4%	5%
1966	Below Normal	6%	6%	4%	3%	0%	0%	0%	0%	4%	3%	3%	3%
1967	Wet	5%	5%	6%	8%	0%	0%	0%	-1%	-2%	4%	3%	4%
1968	Below Normal	4%	2%	1%	4%	0%	-3%	4%	1%	6%	5%	5%	5%
1969	Wet	3%	6%	3%	-19%	3%	2%	-1%	1%	-1%	3%	3%	4%
1970	Wet	4%	6%	5%	-1%	0%	0%	-3%	0%	5%	4%	4%	5%
1971	Wet	5%	5%	5%	4%	0%	0%	0%	0%	2%	3%	3%	3%
1972	Below Normal	5%	6%	5%	9%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	4%	4%	3%	4%
1974	Wet	4%	4%	4%	4%	1%	-8%	5%	-1%	3%	3%	3%	5%
1975	Wet	4%	5%	3%	2%	-1%	-3%	1%	1%	5%	4%	4%	5%
1976	Critical	5%	7%	4%	5%	1%	0%	-1%	-1%	-1%	-1%	0%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	11%	0%	1%	0%	0%	-1%
1978	Above Normal	-6%	-5%	1%	0%	-4%	-5%	-1%	2%	3%	7%	6%	6%
1979	Below Normal	5%	5%	2%	-10%	-21%	-1%	13%	1%	5%	4%	4%	8%
1980	Above Normal	9%	7%	4%	-11%	2%	3%	-5%	-4%	1%	-3%	-4%	9%
1981	Dry	1%	2%	1%	5%	0%	10%	2%	2%	80%	3%	0%	4%
1982	Wet	7%	5%	5%	7%	0%	1%	0%	-1%	3%	4%	3%	4%
1983	Wet	0%	8%	0%	0%	0%	0%	0%	0%	0%	0%	5%	5%
1984	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1985	Dry	5%	4%	3%	4%	0%	0%	0%	0%	4%	3%	3%	3%
1986	Wet	4%	4%	5%	4%	-8%	-15%	8%	0%	4%	4%	6%	-1%
1987	Dry	5%	7%	3%	4%	0%	0%	-3%	-3%	-1%	-2%	-1%	-1%
1988	Critical	1%	2%	3%	5%	-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%	1%	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%	4%	4%	4%	4%
1994	Critical	5%	6%	4%	5%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	4%	-1%	0%	0%	0%	0%	-1%	-10%	1%	3%	3%	3%
1996	Wet	5%	5%	5%	-41%	-30%	-16%	-3%	-3%	2%	2%	2%	2%
1997	Wet	3%	3%	-1%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1998	Wet	5%	6%	4%	4%	0%	0%	0%	-4%	-3%	-3%	1%	1%
1999	Wet	6%	0%	5%	3%	0%	-6%	-5%	0%	4%	4%	4%	4%
2000	Above Normal	5%	6%	4%	4%	0%	-1%	0%	0%	4%	4%	4%	4%
2001	Dry	5%	6%	2%	2%	-5%	-2%	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	5%	6%	6%	2%	-1%	-1%	0%	-1%	3%	1%	1%	0%
	Wet	4%	4%	2%	0%	-2%	-2%	-1%	-2%	2%	3%	3%	4%
	Above Normal	2%	0%	2%	4%	0%	0%	-1%	1%	7%	4%	4%	5%
	Below Normal	5%	4%	3%	2%	-2%	1%	3%	-4%	0%	4%	4%	5%
	Dry	9%	18%	14%	5%	0%	-1%	-1%	0%	7%	1%	1%	1%
	Critical	5%	4%	8%	5%	1%	0%	2%	0%	-1%	-8%	-10%	-18%

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: Alternative2_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	47.58	51.00	51.46	53.74	47.77	554.85
1923	Below Normal	43.15	38.66	33.14	62.73	60.56	71.21	56.70	24.38	3.94	66.13	67.29	59.42	587.31
1924	Critical	49.86	44.51	36.98	33.38	30.13	21.80	27.16	33.01	28.20	3.31	2.04	1.67	312.05
1925	Dry	29.95	40.93	44.16	10.27	11.71	17.43	38.87	44.82	45.88	48.92	49.02	42.83	424.79
1926	Dry	32.33	28.51	22.11	14.50	14.95	22.32	32.52	48.47	49.22	52.41	52.69	45.96	415.99
1927	Wet	34.96	30.78	23.86	13.33	18.89	43.02	49.37	49.00	52.38	52.63	54.46	48.95	471.63
1928	Above Normal	44.76	40.22	34.86	56.47	52.58	31.66	49.22	52.64	47.08	58.39	59.27	52.64	579.79
1929	Critical	44.45	39.79	33.23	35.21	31.88	20.92	21.75	26.12	26.36	26.49	23.63	6.59	336.42
1930	Dry	15.57	10.72	8.47	6.94	10.84	15.42	34.61	40.76	41.45	43.00	41.32	35.70	304.80
1931	Critical	23.84	19.76	14.97	10.51	12.11	14.47	27.93	33.95	34.60	34.69	30.88	11.65	269.36
1932	Dry	13.44	17.92	13.03	9.17	12.57	18.91	35.11	40.75	43.28	45.68	45.25	39.68	334.79
1933	Critical	29.15	25.46	18.47	13.46	12.89	17.97	32.25	40.05	41.42	42.46	39.79	34.29	347.66
1934	Critical	20.94	14.61	16.38	10.39	10.65	14.38	28.72	34.89	35.64	35.65	2.07	1.67	225.99
1935	Below Normal	23.70	35.48	26.41	8.60	11.93	17.57	45.70	53.48	37.85	63.83	63.98	56.23	444.76
1936	Below Normal	43.58	38.93	30.19	15.94	17.00	52.44	46.26	52.03	55.50	55.78	57.79	51.93	517.37
1937	Below Normal	47.68	42.90	37.23	55.66	60.85	66.55	44.76	49.11	52.52	53.01	54.99	48.90	614.16
1938	Wet	44.33	39.83	32.63	62.71	60.57	66.31	42.53	46.42	47.63	50.43	52.86	46.61	592.86
1939	Dry	41.80	37.40	33.60	65.32	60.90	70.39	46.54	51.90	30.73	62.56	46.17	61.05	608.36
1940	Above Normal	49.19	22.82	51.49	9.36	8.90	23.59	45.07	53.53	47.80	61.65	61.91	54.31	489.62
1941	Wet	42.21	37.56	27.50	19.75	25.67	61.21	37.84	42.96	46.06	46.74	48.91	43.15	479.56
1942	Wet	38.47	34.44	27.47	62.73	60.57	71.16	55.38	45.72	49.02	49.44	51.51	45.98	591.89
1943	Wet	41.65	37.31	32.04	54.32	60.52	59.40	53.82	51.60	54.96	55.51	57.77	51.59	610.49
1944	Dry	47.07	42.26	36.54	42.30	37.43	25.56	35.47	41.58	43.52	45.80	44.92	39.25	481.70
1945	Below Normal	28.07	24.12	18.84	14.93	14.42	59.85	46.19	49.98	53.44	53.73	55.57	49.96	469.10
1946	Below Normal	45.72	41.09	47.08	59.35	42.86	46.64	47.48	47.47	50.70	51.05	53.11	47.68	580.23
1947	Dry	43.42	39.00	33.63	57.11	53.25	34.40	49.01	52.78	54.72	56.83	57.67	51.10	582.92
1948	Below Normal	42.58	38.00	31.45	32.55	29.78	19.91	29.96	38.80	4.42	61.87	61.81	54.11	445.24
1949	Dry	41.47	36.75	28.67	14.49	15.38	19.68	49.11	51.98	52.92	54.69	55.59	49.22	469.95
1950	Below Normal	41.37	36.84	30.57	13.15	13.53	16.64	41.37	47.76	2.98	62.75	62.44	54.54	423.94
1951	Above Normal	41.97	37.10	33.16	62.37	55.52	66.45	42.80	48.78	52.16	52.38	54.49	48.95	596.13
1952	Wet	44.68	40.12	34.64	64.95	62.35	45.87	39.72	39.82	40.34	43.42	45.53	40.12	541.56
1953	Wet	35.50	31.64	49.98	65.00	60.55	66.35	48.32	45.23	48.11	49.48	50.96	45.45	596.57
1954	Above Normal	39.43	35.22	29.32	45.56	43.32	41.86	45.78	53.17	54.27	55.10	59.17	51.73	553.93
1955	Dry	39.84	35.24	27.58	15.27	17.01	22.66	38.13	44.09	44.44	47.52	47.75	41.66	421.19
1956	Wet	31.29	27.46	21.17	45.26	57.12	67.55	49.04	53.24	56.85	57.13	59.48	53.35	578.94
1957	Above Normal	48.96	44.02	38.14	65.50	60.10	40.41	38.13	33.32	4.25	61.04	60.58	53.17	547.62
1958	Wet	40.90	36.28	28.04	13.97	29.39	60.99	48.96	53.49	57.08	57.60	60.14	53.38	540.22
1959	Below Normal	48.76	43.71	38.26	65.51	60.99	64.41	42.52	48.98	19.33	61.08	61.03	53.63	608.21
1960	Dry	41.41	36.81	28.94	14.22	12.99	17.56	48.47	55.45	41.28	62.73	49.38	59.46	468.70
1961	Dry	46.88	41.64	32.94	17.69	18.44	17.64	41.18	47.48	47.98	51.11	43.90	29.10	435.98
1962	Below Normal	8.21	41.48	45.83	7.23	8.49	22.09	41.65	48.46	4.60	64.69	64.48	56.51	413.72
1963	Wet	43.77	38.88	30.27	28.17	30.15	40.39	46.58	46.88	50.06	50.38	52.43	47.11	505.07
1964	Dry	42.89	38.47	47.61	50.40	31.31	33.26	49.88	48.70	49.80	50.08	52.03	46.50	540.93
1965	Wet	42.37	37.78	32.99	50.85	53.59	43.61	45.85	45.60	46.42	49.69	51.44	46.05	546.24
1966	Below Normal	41.23	36.90	31.44	58.66	58.61	45.20	44.00	50.18	49.51	56.41	57.38	50.24	579.76
1967	Wet	39.63	35.12	27.83	18.26	33.09	42.19	49.93	49.80	50.90	53.68	55.88	49.87	506.18
1968	Below Normal	45.41	39.30	35.66	64.97	62.69	65.49	51.65	48.06	50.96	53.35	54.49	48.02	620.05
1969	Wet	39.14	34.78	27.70	35.09	60.32	68.24	42.08	46.68	47.67	50.59	53.14	46.95	552.38
1970	Wet	45.54	34.57	32.73	62.77	60.60	69.18	44.22	48.88	52.28	52.50	54.57	48.99	606.83
1971	Wet	44.78	40.18	34.72	64.94	60.49	51.91	42.23	49.63	50.71	55.53	56.25	49.15	600.52
1972	Below Normal	37.98	33.61	26.45	15.32	26.09	37.18	45.22	50.91	51.48	54.37	55.16	48.20	481.97
1973	Above Normal	38.09	33.62	26.63	19.99	37.89	50.24	44.80	50.25	53.75	53.82	55.85	50.16	515.09
1974	Wet	45.95	41.27	35.76	64.95	60.53	62.02	53.54	48.93	52.45	52.67	54.90	49.12	622.09
1975	Wet	44.73	40.07	34.53	64.17	60.46	58.55	50.57	49.56	53.03	53.13	55.00	49.51	613.31
1976	Critical	45.22	40.66	35.28	56.44	53.13	34.11	42.67	49.62	22.69	59.03	44.70	56.19	539.74
1977	Critical	43.18	38.29	29.80	12.61	13.04	13.59	14.26	2.98	1.90	2.40	2.12	1.70	175.87
1978	Above Normal	0.69	10.02	32.77	7.18	12.77	33.61	45.78	46.90	50.03	51.01	52.41	46.72	389.89
1979	Below Normal	40.97	36.60	30.87	46.47	43.06	49.84	48.85	48.06	51.48	51.64	53.51	47.99	549.34
1980	Above Normal	43.65	39.16	33.86	53.99	62.65	70.21	39.54	44.44	47.60	48.29	50.47	44.66	578.52
1981	Dry	40.06	35.85	30.57	65.21	60.92	50.96	42.81	50.57	21.28	63.50	56.74	58.01	576.48
1982	Wet	45.03	40.20	31.17	26.68	29.13	69.00	50.78	50.04	55.10	55.59	58.12	51.51	562.35
1983	Wet	46.83	46.16	65.70	62.77	60.59	68.20	35.60	37.60	44.12	44.69	39.94	39.55	591.75
1984	Wet	38.00	34.25	65.93	62.79	62.75	68.39	43.21	49.41	52.66	53.07	55.17	49.61	635.24
1985	Dry	45.29	40.72	47.48	57.91	56.89	52.96	46.68	46.61	49.69	49.84	51.63	46.33	592.03
1986	Wet	42.18	37.85	33.21	53.52	48.26	54.73	50.36	50.72	54.27	54.66	57.12	50.70	587.58
1987	Dry	46.14	41.52	35.45	65.54	60.51	33.96	29.78	36.35	38.15	37.90	34.00	29.09	488.39
1988	Critical	16.11	11.71	9.77	8.26	11.13	12.63	21.53	25.50	25.77	25.94	23.06	19.59	211.00
1989	Dry	9.65	7.09	6.01	4.91	9.71	12.58	47.08	55.40	42.08	62.61	56.31	56.96	370.39
1990	Critical	43.96	38.98	30.38	13.26	14.25	15.89	27.13	32.82	33.59	33.56	29.89	25.44	339.15
1991	Critical	13.36	9.45	7.93	6.75	9.37	12.33	21.84	24.27	15.74	30.13	26.56	22.79	200.52
1992	Critical	11.35	7.20	7.32	5.95	8.92	11.85	21.58	25.58	25.76	2.18	2.07	20.28	150.04
1993	Above Normal	26.97	2.42	32.86	7.74	23.35	35.13	45.93	48.50	35.55	56.19	57.52	51.16	423.32
1994	Critical	43.62	39.04	32.21	39.83	35.98	29.11	39.25	45.22	38.43	50.09	16.30	44.83	453.91
1995	Wet	9.96	29.71	55.81	7.15	20.38	31.23	53.19	52.35	55.89	56.34	58.63	52.34	482.98
1996	Wet	47.86	42.99	37.77	32.69	36.72	43.20	49.77	48.58	51.92	52.20	54.21	48.68	546.59
1997	Wet	44.45	39.94	33.22	62.67	60.51	71.01	45.22	47.09	50.30	50.76	53.01	47.21	605.39
1998	Wet	42.67	38.25	32.79	64.49	60.54	62.84	46.02	45.75	46.71	47.44	51.89	45.98	585.37
1999	Wet	46.94	42.66	42.06	64.99	60.54	60.59	45.11	48.93	52.21	52.72	54.88	49.26	620.89
2000	Above Normal	44.99	40.43	34.89	59.71	55.49	43.18	46.49	52.94	55.67	59.12	59.65	52.45	605.01
2001	Dry	41.63	37.12	29.22	21.28	18.65	18.11	31.26	38.54	39.89	39.98	35.75	30.46	381.89
2002	Dry	16.69	12.13	9.83	6.78	14.12	23.24	50.64	49.31	50.30	50.74	52.50	47.03	383.31
2003	Above Normal	42.82	27.25	44.39	9.34	15.26	23.28	39.23	45.34	6.95	58.70	58.51	51.34	422.41
	Average	38.01	34.14	31.99	35.97	36.78	41.03	42.14	45.10	41.84	49.96	49.03	44.37	490.37
	Wet	40.92	37.31	35.83	47.27	49.78	57.97	46.89	47.84	50.74	51.85	53.78	48.08	568.25
	Above Normal	41.19	32.67	36.65	34.50	37.48	41.35	44.22	48.12	42.18	55.60	56.96	50.42	521.35
	Below Normal	38.46	37.69	33.10	37.22	36.49	45.36	45.17	46.98	34.91	57.84	58.79	51.95	523.94
	Dry	35.31	32.23	28.66	29.96	28.75	28.17	41.51	46.97	43.70	51.44	48.48	44.97	460.14
	Critical	32.09	27.46	22.73	20.50	20.29	18.25	27.17	31.17	27.51	28.83	20.26	20.56	296.81

Difference in Energy Use (GWh) At Pumping Plant at Tracy: Alternative2_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	0.09	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	(7.25)	(7.34)	6.47	0.00	0.00	0.00	0.01	0.01	0.00	4.21	0.08	(0.32)
1925	Dry	0.01	0.00	0.01	0.00	0.00	0.02	0.00	(0.01)	(1.80)	(3.61)	2.14	(1.06)	(0.36)
1926	Dry	0.13	0.73	0.03	0.00	0.00	0.00	0.00	0.48	0.00	6.55	(0.51)	0.89	0.69
1927	Wet	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.24	(0.29)	0.09
1928	Above Normal	0.35	(0.20)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	0.00	0.14	0.02
1929	Critical	(0.01)	0.19	0.00	0.00	0.00	0.16	0.00	0.00	0.00	(0.06)	0.00	0.08	0.03
1930	Dry	(0.03)	(0.37)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	(0.01)	0.01	(0.02)
1931	Critical	(0.01)	(0.01)	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.03	0.00
1932	Dry	(0.01)	(0.55)	0.00	0.00	0.28	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1933	Critical	6.48	10.60	0.03	(9.02)	(7.96)	0.00	0.00	0.00	(0.01)	0.00	(0.30)	(3.16)	(0.28)
1934	Critical	0.93	(2.06)	2.45	(0.15)	(0.17)	0.03	0.00	0.00	0.00	0.00	0.00	(0.01)	0.09
1935	Below Normal	(2.75)	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.03)	(0.01)	(0.23)
1936	Below Normal	(0.02)	(0.02)	0.02	0.00	5.54	1.51	0.00	0.00	0.00	0.17	0.00	0.00	0.60
1937	Below Normal	(0.01)	(0.02)	0.02	17.33	0.01	8.11	(1.97)	(4.88)	(6.86)	(0.24)	(0.01)	0.00	0.96
1938	Wet	0.01	0.00	15.52	12.34	1.39	8.10	(3.39)	(26.02)	0.00	0.00	0.00	0.00	0.66
1939	Dry	0.29	5.48	0.00	0.00	(0.01)	0.00	0.00	0.89	(0.02)	0.00	(3.18)	(1.53)	0.16
1940	Above Normal	5.26	0.09	(0.03)	0.08	0.00	0.00	0.00	0.00	0.01	(0.03)	4.62	6.27	1.36
1941	Wet	0.08	(2.49)	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)	4.92	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	(0.52)	(0.27)	(0.07)
1948	Below Normal	0.07	0.01	(0.02)	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	(0.05)	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	(0.51)	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	0.13	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.12)	0.00	0.01
1956	Wet	0.00	0.06	0.00	0.00	0.00	6.11	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	(2.44)	(4.12)	0.00	0.00	0.00	0.00	0.13
1959	Below Normal	(0.01)	0.00	(0.02)	(0.01)	0.00	1.95	0.01	0.00	0.00	0.00	0.00	(0.27)	0.14
1960	Dry	0.03	0.02	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.15)	0.04	(0.01)
1961	Dry	(0.02)	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1962	Below Normal	0.00	0.01	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	(0.01)	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	(2.26)	(4.23)	0.00	0.00	0.00	0.48	(0.50)
1968	Below Normal	(0.88)	31.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.59
1969	Wet	0.00	0.35	0.00	(7.53)	1.28	0.00	(3.82)	3.81	0.00	0.00	0.00	2.57	(0.28)
1970	Wet	(0.15)	0.00	0.00	0.00	(3.35)	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	(0.02)	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	0.49	0.09	0.02	0.07
1977	Critical	(0.55)	(0.07)	(0.08)	(0.09)	(0.09)	0.00	0.00	0.00	(0.01)	0.00	(0.56)	0.03	(0.12)
1978	Above Normal	0.18	(0.25)	0.15	0.00	(3.52)	(2.34)	(4.65)	(4.89)	(1.45)	0.00	0.00	0.00	(1.40)
1979	Below Normal	(0.08)	9.14	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.78
1980	Above Normal	(2.78)	2.18	0.00	(5.16)	5.38	(0.23)	0.01	0.00	(0.79)	0.00	0.00	17.24	1.32
1981	Dry	(6.36)	(10.33)	0.00	0.00	0.00	(6.59)	0.00	0.00	0.00	0.00	(0.07)	(1.34)	(2.06)
1982	Wet	(0.02)	0.00	0.00	0.00	0.00	8.12	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	0.01	0.00	0.00
1986	Wet	0.01	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	(0.60)	(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	0.05	0.01	0.00
1991	Critical	0.00	0.03	(0.04)	0.00	0.01	0.00	(0.01)	0.00	0.00	(0.49)	0.24	(0.02)	(0.02)
1992	Critical	(0.03)	0.03	0.01	(0.20)	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	0.01	(0.02)
1995	Wet	0.01	0.00	(0.01)	(0.02)	0.00	0.00	(3.11)	(25.64)	0.00	0.00	0.00	0.00	(2.40)
1996	Wet	(0.04)	21.91	0.00	0.00	0.00	0.00	0.07	(0.05)	0.00	0.00	0.00	0.00	1.82
1997	Wet	(0.49)	0.00	0.00	0.00	0.00	1.60	0.00	0.00	0.67	(1.78)	0.00	0.00	0.00
1998	Wet	(0.07)	(0.02)	0.00	(0.04)	0.00	0.00	(2.04)	(4.03)	0.00	0.00	0.00	0.00	(0.52)
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.99)	(0.08)
2000	Above Normal	0.66	0.00	0.12	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	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.90)	0.02	0.05
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	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.01
	Average	(0.15)	0.86	0.15	0.25	(0.05)	0.71	(0.32)	(1.02)	(0.14)	(0.02)	0.04	0.40	0.06
	Wet	(0.41)	0.83	0.60	0.47	(0.01)	1.95	(0.76)	(2.89)	0.15	(0.07)	0.05	0.04	(0.01)
	Above Normal	0.31	0.04	0.02	(0.43)	0.53	(0.21)	(0.39)	(0.41)	(0.19)	(0.00)	0.39	3.30	0.25
	Below Normal	(0.50)	3.28	0.02	1.18	(0.15)	1.19	(0.14)	(0.35)	(0.83)	(0.00)	(0.12)	(0.08)	0.29
	Dry	(0.29)	0.06	0.07	0.00	0.01	(0.37)	0.00	0.08	(0.10)	0.06	(0.27)	(0.22)	(0.08)
	Critical	0.57	0.13	(0.42)	(0.25)	(0.69)	0.02	(0.00)	0.00	(0.00)	(0.05)	0.30	(0.24)	(0.05)

Percent Difference in Energy Use (GWh) At Pumping Plant at Tracy: Alternative2_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%	-4%	-6%	4%	-2%
1926	Dry	0%	1%	0%	0%	0%	0%	0%	4%	0%	13%	-1%	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%	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%	0%	0%
1932	Dry	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	14%	26%	0%	-16%	-35%	0%	0%	0%	0%	0%	0%	-5%
1934	Critical	2%	-6%	6%	-2%	-2%	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%	26%	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%	11%	27%	-10%	-41%	0%	0%	0%	0%
1939	Dry	1%	48%	0%	0%	0%	0%	0%	8%	0%	0%	-6%	-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%	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%	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%	98%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	1%	0%	-12%	2%	0%	-10%	7%	0%	0%	0%	4%
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%	-1%	0%
1978	Above Normal	1%	-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%	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%	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%	-2%	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%	-40%	0%	0%	0%	0%
1996	Wet	0%	72%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-1%	0%	0%	0%	0%	3%	0%	0%	1%	-3%	0%	0%
1998	Wet	0%	0%	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%	3%	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%	3%	1%	5%	0%	5%	-3%	-7%	0%	0%	0%	0%
	Above Normal	1%	0%	0%	-1%	3%	0%	-2%	-2%	0%	0%	1%	9%
	Below Normal	-1%	9%	0%	4%	1%	5%	-1%	-2%	-3%	0%	0%	0%
	Dry	0%	3%	0%	0%	0%	-1%	0%	1%	0%	0%	-1%	0%
	Critical	1%	1%	-1%	0%	-3%	0%	0%	0%	0%	0%	2%	0%