Hydropower Modeling Attachment: Alternative Plan 3, 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

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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: Alternative3_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	10.87	11.23	10.20	8.92	105.78
1923	Below Normal	8.54	7.63	6.80	11.23	10.15	11.23	10.13	1.56	3.30	11.23	11.23	10.87	103.90
1924	Critical	10.05	9.01	7.91	7.52	7.65	4.71	5.68	7.66	3.94	0.39	0.35	0.29	65.16
1925	Dry	4.46	8.87	11.23	1.96	2.75	3.31	6.90	8.79	9.00	8.89	9.71	9.02	84.89
1926	Dry	7.06	6.29	5.45	2.94	3.62	4.31	6.35	9.99	7.39	10.37	11.23	9.70	84.70
1927	Wet	1.68	9.96	8.32	3.27	4.81	7.46	8.78	9.15	7.46	11.23	10.38	9.22	91.72
1928	Above Normal	8.90	7.98	7.25	11.23	10.51	7.17	8.94	9.37	1.58	10.72	11.23	10.32	105.20
1929	Critical	9.74	8.80	7.98	11.23	10.15	6.21	5.37	7.28	0.82	0.39	0.36	0.29	68.62
1930	Dry	0.10	0.63	11.23	1.84	2.63	3.02	6.41	8.26	1.43	9.54	10.11	9.50	64.70
1931	Critical	7.07	6.16	5.32	2.52	3.16	2.99	5.50	7.40	7.64	2.90	0.36	0.28	51.30
1932	Dry	1.11	1.69	11.23	1.84	3.06	3.64	6.38	8.13	10.42	10.74	9.14	8.37	75.75
1933	Critical	6.54	5.81	5.04	2.70	3.28	3.18	6.24	8.44	8.75	7.85	7.71	1.13	66.67
1934	Critical	3.96	3.80	6.66	1.91	2.57	3.07	6.47	8.68	8.96	2.24	0.36	0.29	48.97
1935	Below Normal	2.61	10.24	11.23	2.03	2.99	3.53	8.35	7.25	3.37	10.98	11.23	10.87	84.68
1936	Below Normal	10.78	9.65	8.32	3.09	4.37	7.28	9.46	9.90	10.87	11.23	10.76	9.52	105.23
1937	Below Normal	9.19	8.25	7.48	11.23	10.15	11.23	8.99	9.49	10.87	11.23	10.74	9.14	117.99
1938	Wet	8.75	7.84	7.04	11.23	10.15	11.23	8.42	8.95	10.25	9.17	11.23	10.87	115.13
1939	Dry	8.40	7.48	6.60	11.23	10.15	11.23	8.36	10.09	4.64	11.23	6.16	10.87	106.44
1940	Above Normal	10.06	1.28	11.23	1.05	1.76	4.29	8.05	10.52	10.74	11.00	11.23	10.87	92.08
1941	Wet	8.76	7.81	6.74	4.70	5.53	11.23	7.68	8.33	10.87	10.70	9.60	8.17	100.12
1942	Wet	7.78	6.93	6.14	11.23	10.15	11.23	9.91	8.66	10.87	11.11	9.62	8.45	112.08
1943	Wet	8.13	7.26	6.51	11.23	10.15	10.76	9.79	9.82	10.87	11.23	11.16	9.53	116.44
1944	Dry	9.15	8.20	7.36	9.15	8.75	5.27	6.49	8.44	8.63	8.37	8.97	8.39	97.17
1945	Below Normal	6.31	5.46	4.75	2.67	3.37	11.23	8.97	9.38	10.87	11.23	10.19	9.02	93.45
1946	Below Normal	8.69	7.80	7.68	11.23	8.45	8.01	8.50	8.91	10.87	9.28	9.80	8.66	107.88
1947	Dry	8.34	7.48	6.74	11.23	10.15	7.35	8.74	10.15	10.48	10.19	11.06	10.11	112.02
1948	Below Normal	8.68	7.78	6.86	7.72	7.52	4.22	6.13	6.27	0.31	11.23	11.23	10.87	88.82
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	2.46	2.84	3.09	7.34	9.35	0.31	11.23	11.23	10.87	81.91
1951	Above Normal	8.83	7.88	6.82	11.23	10.15	11.23	8.36	9.17	10.87	11.23	10.07	8.91	114.75
1952	Wet	8.59	7.69	6.94	11.23	10.51	8.91	7.30	7.74	10.48	10.28	8.81	7.62	106.10
1953	Wet	7.24	6.42	10.33	11.23	10.15	11.23	8.61	8.59	10.87	8.78	9.54	8.57	111.56
1954	Above Normal	7.80	6.96	6.19	10.60	10.15	8.18	8.19	10.44	10.63	9.47	11.23	10.87	110.71
1955	Dry	8.60	7.66	6.62	3.47	4.35	4.27	6.72	8.59	8.77	8.68	9.51	8.84	86.08
1956	Wet	6.92	6.14	5.32	9.41	10.51	11.23	9.57	10.08	10.87	11.23	11.09	9.80	112.17
1957	Above Normal	9.45	8.47	7.62	11.23	10.15	8.52	6.72	4.80	3.37	10.81	11.23	10.76	103.13
1958	Wet	8.34	7.44	6.44	3.43	6.06	11.23	9.73	10.27	10.87	11.23	11.23	9.98	106.25
1959	Below Normal	9.60	8.57	7.66	11.23	10.15	11.23	7.55	9.58	1.72	10.96	11.23	10.87	110.35
1960	Dry	8.71	7.77	6.68	2.82	3.10	3.40	8.68	10.86	5.83	11.23	7.73	10.87	87.68
1961	Dry	9.98	8.94	7.72	4.16	4.52	3.51	7.31	9.29	9.54	9.40	7.67	3.65	85.69
1962	Below Normal	0.82	6.85	11.23	1.13	1.72	4.00	7.40	9.50	3.34	11.23	11.23	10.87	79.32
1963	Wet	9.00	8.03	6.95	5.68	6.24	6.96	8.33	8.80	10.87	10.72	9.67	8.56	99.81
1964	Dry	8.25	7.38	8.36	11.23	6.18	6.33	8.93	9.13	9.59	9.20	9.97	8.82	103.37
1965	Wet	8.52	7.63	6.91	11.07	10.15	8.06	8.18	8.58	10.87	10.42	9.49	8.45	108.33
1966	Below Normal	7.97	7.13	6.41	11.23	10.15	8.73	7.90	9.82	8.93	10.01	11.16	10.29	109.73
1967	Wet	8.34	7.42	6.42	4.41	7.07	7.43	9.04	9.46	10.87	11.23	10.46	9.19	101.34
1968	Below Normal	8.83	7.90	7.09	11.23	10.51	11.23	9.23	9.32	10.87	9.74	10.47	9.57	115.99
1969	Wet	8.07	7.19	6.27	8.02	10.15	11.23	8.60	9.13	10.87	9.33	11.23	9.50	109.59
1970	Wet	8.68	7.52	6.74	11.23	10.15	11.23	8.43	9.18	10.87	11.23	10.44	8.91	114.61
1971	Wet	8.59	7.69	6.94	11.23	10.15	10.48	7.55	9.73	9.40	9.87	11.01	10.18	112.82
1972	Below Normal	8.09	7.19	6.21	3.93	5.69	6.46	8.08	9.91	10.17	9.99	11.04	10.15	96.91
1973	Above Normal	8.33	7.43	6.46	5.47	8.09	8.20	8.73	9.44	10.87	11.23	10.28	9.09	103.62
1974	Wet	8.77	7.86	7.12	11.23	10.15	11.23	9.65	9.27	10.87	11.23	10.26	9.04	116.68
1975	Wet	8.70	7.77	6.97	11.23	10.15	11.16	9.05	9.28	10.87	11.23	10.06	8.92	115.39
1976	Critical	8.58	7.70	6.99	11.23	10.51	7.31	7.58	9.71	1.75	10.89	6.75	10.87	99.87
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	1.81	10.56	1.22	3.09	5.74	8.18	8.90	10.87	10.86	10.19	8.72	80.25
1979	Below Normal	8.01	7.14	6.40	10.92	10.15	9.26	8.78	9.06	10.87	11.13	9.89	8.73	110.34
1980	Above Normal	8.38	7.50	6.79	11.23	10.51	11.23	7.98	8.61	10.87	10.70	10.14	8.42	112.36
1981	Dry	8.04	7.15	6.36	11.23	10.15	9.96	7.60	9.90	4.82	11.23	9.88	10.87	107.19
1982	Wet	9.25	8.27	7.10	5.42	6.12	11.23	10.22	9.92	10.87	11.23	11.16	9.74	110.53
1983	Wet	9.35	8.56	11.23	11.23	10.15	11.23	7.24	7.78	10.87	9.19	10.53	8.26	115.62
1984	Wet	8.25	7.41	11.23	11.23	10.51	11.23	8.42	9.28	10.87	11.23	10.18	9.02	118.86
1985	Dry	8.68	7.79	7.94	11.23	10.15	10.07	8.33	8.72	9.19	8.79	9.51	8.41	108.81
1986	Wet	8.10	7.27	6.59	11.23	10.15	10.18	9.50	9.81	10.87	11.23	11.23	9.51	115.67
1987	Dry	9.12	8.17	7.30	11.23	10.15	7.86	6.08	8.19	8.48	7.58	7.47	7.08	98.71
1988	Critical	4.67	3.60	3.09	1.70	2.52	2.25	4.21	5.60	5.81	5.26	5.13	4.85	48.69
1989	Dry	3.13	2.37	2.06	1.43	2.12	2.21	8.43	10.91	6.22	11.23	10.28	10.87	71.26
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	2.40	2.53	1.43	1.92	1.99	4.22	5.61	5.81	0.39	0.36	2.83	33.10
1993	Above Normal	7.16	0.58	9.29	1.40	4.54	5.88	8.21	9.30	7.00	11.23	10.92	9.91	85.42
1994	Critical	8.72	7.82	6.91	9.10	9.09	5.86	6.94	8.83	6.53	9.19	1.86	8.31	89.16
1995	Wet	0.78	2.40	11.23	1.12	4.07	5.45	9.69	9.96	10.87	10.10	11.23	10.19	87.09
1996	Wet	9.30	8.33	7.49	6.20	7.05	7.35	8.96	9.16	10.55	11.11	11.23	8.86	105.59
1997	Wet	8.54	7.66	6.93	11.23	10.15	11.23	8.49	8.98	10.87	11.23	10.05	8.76	114.12
1998	Wet	8.40	7.50	6.70	11.23	10.15	11.23	8.41	8.78	10.87	8.97	11.23	9.11	112.58
1999	Wet	9.14	8.27	8.91	11.23	10.15	11.22	8.45	9.20	10.87	11.15	10.96	8.96	118.51
2000	Above Normal	8.63	7.74	6.98	11.23	10.51	8.90	8.30	10.33	10.87	11.23	11.23	10.57	116.52
2001	Dry	8.55	7.64	6.64	4.55	4.63	3.64	6.43	8.72	9.01	8.10	7.98	7.56	83.45
2002	Dry	4.96	3.85	3.30	2.24	3.57	4.34	9.02	9.20	9.63	9.26	9.94	8.81	78.12
2003	Above Normal	8.48	3.67	8.79	2.37	3.48	4.22	6.91	8.83	0.73	10.56	11.23	10.63	79.90
	Average	7.58	6.93	7.31	7.04	7.06	7.39	7.83	8.72	8.24	9.56	9.23	8.52	95.41
	Wet	7.92	7.47	7.52	8.89	8.87	10.10	8.77	9.15	10.63	10.60	10.50	9.13	109.57
	Above Normal	8.11	6.01	8.26	6.79	7.25	7.48	8.11	9.07	8.27	10.86	10.77	9.83	100.81
	Below Normal	7.62	7.81	7.50	7.24	7.02	7.91	8.34	8.52	6.91	10.76	10.82	10.02	100.46
	Dry	6.98	6.52	7.21	5.93	5.76	5.41	7.55	9.30	7.97	9.67	9.29	8.98	90.57
	Critical	7.16	6.26	5.80	4.73	4.96	3.78	5.31	6.83	5.00	4.41	3.03	3.46	60.73

Difference in Energy generated (GWh) at Alamo Dam: Alternative3_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	1.78	2.48	0.66	0.51	0.59
1923	Below Normal	0.47	0.40	0.29	0.00	0.00	0.00	2.37	(7.96)	(6.41)	1.63	0.52	1.04	(0.64)
1924	Critical	1.91	1.78	1.61	2.37	2.39	0.98	0.76	1.06	(2.91)	(5.76)	(5.67)	(5.41)	(0.57)
1925	Dry	0.76	6.04	8.78	0.42	0.67	(0.65)	(1.02)	(1.59)	(1.61)	(1.58)	(1.52)	(1.67)	0.59
1926	Dry	(1.37)	(1.23)	(1.05)	(0.01)	0.01	0.30	(0.03)	1.03	(1.79)	1.32	1.27	0.46	(0.09)
1927	Wet	(5.60)	3.49	2.72	0.19	(0.01)	0.09	(0.20)	(0.21)	(2.37)	1.81	0.21	0.22	0.03
1928	Above Normal	0.22	0.19	0.18	0.00	0.00	(0.11)	(0.02)	0.12	(8.10)	1.44	1.27	1.47	(0.28)
1929	Critical	1.29	1.20	1.06	0.00	0.00	0.43	1.31	1.28	(5.39)	(5.21)	(5.13)	(4.70)	(1.16)
1930	Dry	(3.33)	(1.97)	8.98	0.40	0.29	0.34	(0.10)	(0.26)	(7.38)	1.20	1.34	1.28	0.07
1931	Critical	1.10	1.10	0.92	0.38	0.42	0.41	(0.18)	(0.25)	(0.25)	(4.19)	(6.60)	(6.22)	(1.11)
1932	Dry	(3.01)	(1.73)	8.30	0.10	0.09	0.27	0.09	0.05	2.12	2.63	0.36	0.19	0.79
1933	Critical	0.28	0.31	0.27	0.33	0.28	(0.15)	(0.17)	(0.27)	(0.27)	(0.40)	(0.62)	(6.74)	(0.60)
1934	Critical	(1.41)	(0.47)	2.96	0.01	0.23	0.40	0.38	0.49	0.50	(5.35)	(0.72)	0.00	(0.25)
1935	Below Normal	(1.45)	0.21	3.31	0.32	0.25	0.26	0.25	(3.18)	(0.13)	(0.25)	0.00	0.00	(0.03)
1936	Below Normal	1.76	1.56	1.35	0.06	0.02	(1.58)	0.48	0.13	0.62	1.41	0.14	0.12	0.51
1937	Below Normal	0.13	0.11	0.10	0.00	0.00	0.47	(0.01)	0.00	0.91	1.61	0.30	0.01	0.30
1938	Wet	0.01	0.00	(0.02)	0.00	0.00	0.00	(0.14)	(0.98)	(0.16)	(0.34)	0.08	1.93	0.03
1939	Dry	(0.13)	(0.12)	(0.12)	0.00	0.00	0.00	(0.80)	0.12	2.83	0.08	(0.25)	0.00	0.13
1940	Above Normal	0.01	(2.96)	1.03	(0.38)	(0.32)	(0.09)	0.00	(0.01)	2.99	0.09	0.00	0.00	0.03
1941	Wet	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	2.13	2.16	0.17	0.00	0.37
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.03)	1.73	2.29	(0.05)	(0.04)	0.32
1943	Wet	(0.03)	(0.03)	(0.02)	0.00	0.00	0.36	0.16	(0.02)	0.58	1.27	0.28	(0.03)	0.21
1944	Dry	(0.03)	(0.02)	(0.01)	(1.86)	(1.67)	(0.59)	0.00	0.02	0.02	0.01	(0.01)	(0.01)	(0.35)
1945	Below Normal	(0.03)	(0.04)	(0.03)	(0.01)	(0.01)	0.00	0.01	0.01	1.03	1.79	0.01	0.01	0.23
1946	Below Normal	0.01	0.01	0.11	0.00	0.00	0.03	0.04	0.04	1.57	0.34	0.05	0.04	0.19
1947	Dry	0.04	0.04	0.03	0.00	0.00	0.01	0.00	0.04	0.03	0.04	0.05	0.05	0.03
1948	Below Normal	0.01	0.01	0.00	(0.20)	(0.19)	(0.06)	0.01	0.32	0.00	0.00	0.00	0.00	(0.01)
1949	Dry	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.01
1950	Below Normal	0.00	0.00	0.00	(0.10)	(0.10)	(0.03)	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.02)
1951	Above Normal	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	1.24	1.99	0.00	0.00	0.27
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.48)	1.89	1.80	(0.64)	(0.49)	0.17
1953	Wet	(0.45)	(0.39)	0.74	0.00	0.00	0.00	(1.77)	(0.19)	1.86	(0.01)	(0.14)	(0.15)	(0.04)
1954	Above Normal	(0.04)	(0.03)	(0.01)	0.64	0.00	0.30	0.06	0.08	0.62	(0.10)	0.00	0.01	0.13
1955	Dry	0.04	0.04	0.04	0.01	0.00	(0.01)	(0.05)	(0.07)	(0.07)	(0.07)	(0.08)	(0.07)	(0.02)
1956	Wet	(0.06)	(0.06)	(0.05)	(1.82)	0.00	0.00	0.01	0.01	0.31	1.09	0.01	0.01	(0.05)
1957	Above Normal	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.05	3.02	0.10	0.00	0.00	0.27
1958	Wet	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.11	0.82	0.00	0.00	0.08
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.20)	(0.26)	(0.05)	0.01	0.00	0.00	(0.04)
1960	Dry	(0.03)	(0.03)	(0.04)	(0.06)	(0.05)	0.01	0.01	(0.04)	0.64	0.00	0.53	0.00	0.08
1961	Dry	(0.20)	(0.18)	(0.14)	0.21	0.19	0.08	0.02	0.02	0.02	0.02	0.17	0.00	0.02
1962	Below Normal	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	3.02	0.00	0.00	0.00	0.25
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.65	1.85	0.00	0.00	0.29
1964	Dry	0.00	0.00	0.00	0.00	0.01	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00
1965	Wet	(0.01)	0.00	0.00	0.05	0.00	(0.02)	0.00	0.02	2.41	1.75	0.05	0.06	0.36
1966	Below Normal	0.03	0.03	0.03	0.00	0.00	(0.03)	0.00	0.00	(0.01)	0.01	0.00	0.01	0.01
1967	Wet	0.00	0.01	0.00	(0.01)	(0.01)	0.00	0.00	(0.01)	0.94	1.64	(0.02)	(0.01)	0.21
1968	Below Normal	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.38	0.19	1.43	0.52	0.25	0.27	0.25
1969	Wet	0.06	0.06	0.02	(0.94)	0.00	0.00	(0.05)	(0.06)	1.24	(0.05)	0.83	0.47	0.13
1970	Wet	(0.03)	(0.04)	(0.04)	0.00	0.00	0.00	0.00	0.03	1.26	2.02	0.40	0.03	0.30
1971	Wet	0.02	0.02	0.02	0.00	0.00	0.09	(0.02)	(0.03)	(0.40)	0.00	0.00	0.00	(0.03)
1972	Below Normal	(0.01)	0.00	(0.01)	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00	(0.01)	(0.01)
1973	Above Normal	0.00	0.00	0.00	0.02	0.01	0.05	(0.05)	0.01	0.95	1.76	0.00	0.00	0.23
1974	Wet	0.00	0.00	0.01	0.00	0.00	0.00	0.44	(0.11)	1.01	1.75	(0.14)	(0.11)	0.24
1975	Wet	(0.10)	(0.09)	(0.07)	0.00	0.00	(0.07)	0.10	0.10	1.21	2.00	0.10	0.09	0.27
1976	Critical	0.09	0.08	0.07	0.00	0.00	0.03	(0.04)	(0.06)	(0.01)	(0.06)	0.11	0.00	0.02
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	(0.07)	0.04	0.00	0.00	(0.10)	(0.01)	0.41	1.95	2.30	0.94	0.57	0.50
1979	Below Normal	0.16	0.13	0.05	(0.31)	0.00	1.37	0.30	0.05	1.39	2.03	0.03	0.04	0.44
1980	Above Normal	0.04	0.04	0.05	0.00	0.00	0.00	(0.56)	(0.44)	1.38	1.42	(0.11)	(0.45)	0.11
1981	Dry	(0.42)	(0.38)	(0.31)	0.00	0.00	0.88	0.18	0.25	3.07	0.00	(0.64)	0.00	0.22
1982	Wet	0.13	0.11	0.10	0.05	0.06	0.00	0.00	0.00	0.46	1.15	0.05	0.05	0.18
1983	Wet	(0.06)	0.15	0.00	0.00	0.00	0.00	0.00	0.00	2.38	0.00	1.81	0.52	0.40
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.16	1.89	0.00	0.00	0.25
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(1.05)	0.22	0.01	0.57	1.27	0.32	0.01	0.11
1987	Dry	0.01	0.01	0.00	0.00	0.00	0.00	(0.22)	(0.32)	(0.32)	(0.28)	(0.28)	(0.27)	(0.14)
1988	Critical	(0.18)	(0.15)	(0.13)	(0.03)	(0.04)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.10)	0.00	(0.58)	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	(0.19)	0.13	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.05)	(0.01)
1993	Above Normal	(0.08)	(0.07)	0.07	0.00	(0.01)	(0.02)	0.00	0.02	2.83	1.28	0.04	0.04	0.34
1994	Critical	0.02	0.02	0.02	(0.07)	(0.06)	(0.03)	0.00	0.01	0.02	0.00	0.04	(0.01)	0.00
1995	Wet	(0.17)	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.02	0.24	0.54	0.09
1996	Wet	0.02	0.01	0.01	(5.03)	(3.46)	(2.63)	(0.16)	(0.17)	0.76	1.71	1.03	(0.16)	(0.67)
1997	Wet	(0.15)	(0.14)	(0.12)	0.00	0.00	0.00	0.01	0.02	1.49	2.15	0.07	0.01	0.28
1998	Wet	0.02	0.01	0.01	0.00	0.00	0.00	(0.01)	(0.48)	1.15	(0.54)	0.73	0.03	0.08
1999	Wet	0.50	(0.50)	0.39	0.00	0.00	(0.01)	(0.03)	0.03	1.26	1.88	0.86	0.03	0.37
2000	Above Normal	0.02	0.02	0.01	0.00	0.00	(0.03)	(0.01)	0.07	0.36	0.86	0.00	0.10	0.12
2001	Dry	0.02	0.01	0.00	(0.42)	(0.38)	(0.11)	0.05	0.07	0.07	0.06	0.06	0.06	(0.04)
2002	Dry	0.04	0.03	0.02	0.01	0.00	0.00	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.01)
2003	Above Normal	(0.02)	0.47	(0.49)	0.11	0.09	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.02
	Average	(0.11)	0.08	0.50	(0.06)	(0.02)	(0.00)	0.03	(0.14)	0.32	0.45	(0.10)	(0.20)	0.06
	Wet	(0.23)	0.10	0.14	(0.29)	(0.13)	(0.12)	(0.06)	(0.10)	0.96	1.21	0.24	0.12	0.15
	Above Normal	0.01	(0.20)	0.07	0.09	(0.01)	0.01	(0.02)	0.06	0.75	1.14	0.23	0.19	0.19
	Below Normal	0.08	0.17	0.37	(0.02)	(0.00)	0.03	0.26	(0.76)	0.24	0.65	0.09	0.11	0.10
	Dry	(0.42)	0.03	1.36	(0.07)	(0.05)	0.03	(0.11)	(0.04)	(0.14)	0.19	0.02	0.00	0.07
	Critical	0.26	0.31	0.58	0.25	0.27	0.17	0.21	0.17	(0.69)	(1.75)	(1.55)	(1.93)	(0.31)

Percent Difference in Energy generated (GWh) at Alamo Dam: Alternative3_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%	20%	28%	7%	6%
1923	Below Normal	6%	6%	4%	0%	0%	0%	31%	-84%	-66%	17%	5%	11%
1924	Critical	23%	25%	26%	46%	45%	26%	15%	16%	-42%	-94%	-94%	-95%
1925	Dry	21%	213%	358%	27%	32%	-16%	-13%	-15%	-15%	-15%	-14%	-16%
1926	Dry	-16%	-16%	-16%	0%	0%	7%	0%	11%	-19%	15%	13%	5%
1927	Wet	-77%	54%	49%	6%	0%	1%	-2%	-2%	-24%	19%	2%	2%
1928	Above Normal	3%	2%	3%	0%	0%	-2%	0%	1%	-84%	16%	13%	17%
1929	Critical	15%	16%	15%	0%	0%	7%	32%	21%	-87%	-93%	-93%	-94%
1930	Dry	-97%	-76%	399%	28%	12%	13%	-2%	-3%	-84%	14%	15%	16%
1931	Critical	18%	22%	21%	18%	15%	16%	-3%	-3%	-3%	-59%	-95%	-96%
1932	Dry	-73%	-51%	283%	6%	3%	8%	1%	1%	26%	32%	4%	2%
1933	Critical	4%	6%	6%	14%	9%	-5%	-3%	-3%	-3%	-5%	-7%	-86%
1934	Critical	-26%	-11%	80%	1%	10%	15%	6%	6%	6%	-70%	-67%	0%
1935	Below Normal	-36%	2%	42%	19%	9%	8%	3%	-30%	-4%	-2%	0%	0%
1936	Below Normal	20%	19%	19%	2%	0%	-18%	5%	1%	6%	14%	1%	1%
1937	Below Normal	1%	1%	1%	0%	0%	4%	0%	0%	9%	17%	3%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	-2%	-10%	-2%	-4%	1%	22%
1939	Dry	-2%	-2%	-2%	0%	0%	0%	-9%	1%	156%	1%	-4%	0%
1940	Above Normal	0%	-70%	10%	-27%	-15%	-2%	0%	0%	39%	1%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	24%	25%	2%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	19%	26%	-1%	0%
1943	Wet	0%	0%	0%	0%	0%	3%	2%	0%	6%	13%	3%	0%
1944	Dry	0%	0%	0%	-17%	-16%	-10%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	-1%	-1%	0%	0%	0%	0%	0%	10%	19%	0%	0%
1946	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	17%	4%	1%	0%
1947	Dry	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-3%	-2%	-1%	0%	5%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-4%	-3%	-1%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	13%	22%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	-6%	22%	21%	-7%	-6%
1953	Wet	-6%	-6%	8%	0%	0%	0%	-17%	-2%	21%	0%	-1%	-2%
1954	Above Normal	-1%	0%	0%	6%	0%	4%	1%	1%	6%	-1%	0%	0%
1955	Dry	0%	1%	1%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-1%	-16%	0%	0%	0%	0%	3%	11%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	1%	863%	1%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	1%	8%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	-3%	-3%	-3%	0%	0%	0%
1960	Dry	0%	0%	-1%	-2%	-2%	0%	0%	0%	12%	0%	7%	0%
1961	Dry	-2%	-2%	-2%	5%	4%	2%	0%	0%	0%	0%	2%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	944%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	18%	21%	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%	28%	20%	1%	1%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	9%	17%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	4%	2%	15%	6%	2%	3%
1969	Wet	1%	1%	0%	-10%	0%	0%	-1%	-1%	13%	-1%	8%	5%
1970	Wet	0%	-1%	-1%	0%	0%	0%	0%	0%	13%	22%	4%	0%
1971	Wet	0%	0%	0%	0%	0%	1%	0%	0%	-4%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	1%	-1%	0%	10%	19%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	5%	-1%	10%	18%	-1%	-1%
1975	Wet	-1%	-1%	-1%	0%	0%	-1%	1%	1%	13%	22%	1%	1%
1976	Critical	1%	1%	1%	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%	-4%	0%	0%	0%	-2%	0%	5%	22%	27%	10%	7%
1979	Below Normal	2%	2%	1%	-3%	0%	17%	4%	1%	15%	22%	0%	0%
1980	Above Normal	0%	1%	1%	0%	0%	0%	-7%	-5%	15%	15%	-1%	-5%
1981	Dry	-5%	-5%	-5%	0%	0%	10%	2%	3%	175%	0%	-6%	0%
1982	Wet	1%	1%	1%	1%	1%	0%	0%	0%	4%	11%	0%	1%
1983	Wet	-1%	2%	0%	0%	0%	0%	0%	0%	28%	0%	21%	7%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	12%	20%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-9%	2%	0%	6%	13%	3%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-3%	-4%	-4%	-4%	-4%	-4%
1988	Critical	-4%	-4%	-4%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	-5%	0%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-4%	0%	0%	1%	1%
1992	Critical	1%	-7%	5%	0%	-1%	0%	0%	0%	0%	0%	0%	-2%
1993	Above Normal	-1%	-11%	1%	0%	0%	0%	0%	0%	68%	13%	0%	0%
1994	Critical	0%	0%	0%	-1%	-1%	-1%	0%	0%	0%	0%	2%	0%
1995	Wet	-18%	2%	0%	0%	0%	0%	0%	0%	4%	0%	2%	6%
1996	Wet	0%	0%	0%	-45%	-33%	-26%	-2%	-2%	8%	18%	10%	-2%
1997	Wet	-2%	-2%	-2%	0%	0%	0%	0%	0%	16%	24%	1%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	-5%	12%	-6%	7%	0%
1999	Wet	6%	-6%	5%	0%	0%	0%	0%	0%	13%	20%	9%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	1%	3%	8%	0%	1%
2001	Dry	0%	0%	0%	-8%	-8%	-3%	1%	1%	1%	1%	1%	1%
2002	Dry	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	15%	-5%	5%	3%	1%	0%	0%	0%	0%	0%	0%
	Average	-3%	1%	16%	1%	1%	1%	1%	-1%	28%	4%	-3%	-4%
	Wet	-4%	2%	2%	-2%	-1%	-1%	-1%	-1%	10%	13%	2%	1%
	Above Normal	0%	-6%	1%	1%	-1%	0%	0%	1%	81%	12%	2%	2%
	Below Normal	-1%	2%	5%	1%	0%	1%	3%	-8%	67%	7%	1%	1%
	Dry	-10%	4%	57%	2%	2%	1%	-1%	0%	14%	2%	1%	0%
	Critical	3%	4%	12%	6%	6%	5%	7%	3%	-11%	-27%	-29%	-31%

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: Alternative3_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	76.51	79.56	65.61	60.42	760.86
1923	Below Normal	51.07	46.98	39.24	52.21	54.70	92.90	86.38	56.61	20.38	96.95	82.06	70.66	750.14
1924	Critical	57.65	53.00	39.83	32.05	27.87	27.34	35.16	33.79	32.16	1.71	1.68	1.40	343.64
1925	Dry	39.38	45.18	48.97	16.39	13.69	24.85	58.40	57.72	54.53	64.84	59.43	48.64	532.02
1926	Dry	34.31	31.29	19.08	19.17	16.18	32.27	44.83	64.85	61.92	76.53	70.07	57.29	527.79
1927	Wet	43.74	53.81	36.45	14.45	16.22	69.45	75.39	68.88	83.75	86.82	74.94	69.47	693.37
1928	Above Normal	60.70	55.56	47.15	49.66	51.21	38.25	77.17	70.19	8.34	84.02	84.09	77.20	703.54
1929	Critical	68.04	62.27	52.44	46.43	40.55	31.84	33.70	32.42	1.49	1.74	1.74	1.40	374.06
1930	Dry	0.18	0.14	5.66	15.37	13.31	22.88	50.77	49.70	10.81	66.09	58.22	46.62	339.75
1931	Critical	30.39	26.81	15.78	17.05	14.57	22.30	34.36	32.78	30.99	37.09	1.76	1.40	265.28
1932	Dry	0.18	35.27	52.66	15.23	11.93	28.64	54.68	53.82	63.61	75.76	55.92	45.08	492.78
1933	Critical	31.07	28.25	16.71	17.40	14.82	22.93	37.77	36.82	35.46	42.35	31.53	22.80	337.91
1934	Critical	10.49	10.07	10.52	14.63	12.54	23.18	40.64	39.50	37.89	44.93	1.73	1.40	247.52
1935	Below Normal	38.07	46.36	47.24	15.06	14.16	26.18	68.98	69.44	20.54	91.08	90.62	77.12	604.85
1936	Below Normal	60.34	55.68	38.01	16.69	14.63	67.46	80.46	73.94	86.08	91.74	76.91	71.22	733.16
1937	Below Normal	62.41	57.22	48.67	50.11	65.44	92.30	59.58	66.87	79.77	81.44	70.81	63.68	798.30
1938	Wet	54.36	50.04	42.05	75.33	79.70	92.72	60.37	59.63	62.52	60.57	72.50	69.13	778.92
1939	Dry	46.37	42.81	39.51	66.74	84.02	92.93	69.77	67.12	83.25	82.70	76.48	70.54	822.24
1940	Above Normal	55.90	51.33	47.56	13.10	12.46	34.59	66.70	68.06	84.16	81.06	73.85	60.39	649.16
1941	Wet	45.02	41.36	26.91	21.20	32.63	92.27	48.02	56.30	68.76	70.41	58.45	52.67	614.00
1942	Wet	43.02	39.60	32.45	70.89	54.55	92.94	84.99	62.77	75.46	78.50	64.54	59.57	759.28
1943	Wet	50.38	46.17	38.50	51.75	62.17	92.92	80.53	70.39	83.22	84.84	74.97	67.38	803.22
1944	Dry	58.27	53.58	45.32	43.19	38.52	32.22	50.98	50.12	47.15	55.92	49.21	39.35	563.83
1945	Below Normal	23.91	20.95	11.24	18.20	15.62	80.20	63.81	70.32	84.12	86.02	72.87	67.48	614.74
1946	Below Normal	58.61	53.66	76.40	47.30	61.38	76.36	72.43	66.38	81.79	69.60	68.51	63.40	795.82
1947	Dry	54.43	49.81	41.85	51.86	46.48	41.92	74.06	70.53	68.00	76.70	73.36	63.56	712.56
1948	Below Normal	51.15	46.88	35.04	30.29	26.97	24.69	37.21	60.44	1.53	84.46	77.43	63.33	539.42
1949	Dry	47.75	43.86	28.82	19.74	16.44	27.88	74.39	70.15	67.72	75.71	72.86	63.80	609.12
1950	Below Normal	51.92	47.57	36.28	18.95	16.65	23.95	61.55	61.01	1.50	82.45	75.51	61.74	539.08
1951	Above Normal	46.25	42.50	44.30	92.48	65.83	92.27	58.39	68.04	82.61	82.47	70.32	65.11	810.57
1952	Wet	56.16	51.43	43.35	70.08	72.12	65.59	57.79	51.79	64.01	66.51	52.43	48.00	699.26
1953	Wet	38.25	35.17	59.64	52.71	65.76	92.95	73.59	61.57	77.81	65.12	63.24	56.63	742.44
1954	Above Normal	46.00	42.03	32.85	42.53	41.52	58.69	67.43	67.44	64.45	76.76	71.54	58.59	669.83
1955	Dry	43.34	39.82	25.73	14.95	14.84	32.08	57.29	56.70	53.42	63.42	58.35	47.72	507.66
1956	Wet	33.46	30.50	18.47	60.00	86.50	92.28	67.12	73.63	85.38	91.66	76.50	70.82	786.32
1957	Above Normal	61.91	56.86	48.34	58.79	53.64	50.50	57.12	56.35	20.54	79.88	72.67	59.45	676.05
1958	Wet	44.19	40.54	26.25	6.28	39.95	81.95	64.64	71.62	83.23	85.52	78.55	68.54	691.26
1959	Below Normal	59.29	54.69	46.33	65.73	62.57	87.31	63.11	62.63	30.13	81.24	74.30	60.73	748.06
1960	Dry	45.42	41.66	27.10	15.08	13.56	24.31	71.89	71.33	68.65	85.78	79.24	71.81	615.83
1961	Dry	56.48	51.93	36.10	19.12	18.07	23.75	61.31	60.80	57.74	68.64	62.92	54.82	571.68
1962	Below Normal	14.66	70.84	30.00	12.94	11.48	32.60	61.93	62.02	20.47	84.38	76.85	62.88	541.05
1963	Wet	47.27	43.48	28.56	32.38	40.80	65.88	71.20	65.53	81.31	78.23	67.51	62.52	684.67
1964	Dry	53.53	48.97	72.15	35.28	44.14	48.46	76.29	68.47	66.33	70.06	70.83	65.58	720.09
1965	Wet	56.67	51.86	43.74	63.81	70.72	65.72	70.06	63.36	79.80	76.55	65.86	60.16	768.31
1966	Below Normal	50.53	46.16	37.73	64.13	70.84	64.77	64.32	63.68	60.74	72.53	67.19	55.56	718.18
1967	Wet	41.15	37.73	24.77	11.93	42.73	67.28	75.24	68.15	81.04	84.47	70.61	65.10	670.20
1968	Below Normal	55.97	51.41	43.32	80.85	59.19	92.89	77.29	62.28	76.89	70.56	64.37	54.73	789.75
1969	Wet	41.69	38.15	26.64	40.53	71.47	92.28	53.41	61.12	73.82	62.23	74.21	60.86	696.41
1970	Wet	57.36	34.57	36.76	81.99	65.60	92.41	62.73	68.17	80.32	83.01	72.79	65.24	800.95
1971	Wet	56.31	51.56	43.46	62.28	82.72	69.41	61.93	62.65	59.61	71.55	65.60	53.62	740.70
1972	Below Normal	38.80	35.55	22.41	7.53	32.58	59.91	66.99	65.55	62.76	73.15	68.15	57.02	590.40
1973	Above Normal	43.10	39.51	26.87	14.52	49.07	86.28	61.32	70.30	83.98	86.11	72.87	67.46	701.39
1974	Wet	58.57	53.65	45.39	62.04	61.68	92.89	81.10	67.10	81.57	81.75	69.37	64.04	819.15
1975	Wet	54.95	50.42	42.42	59.20	58.57	86.43	77.63	69.83	83.95	85.08	72.35	66.99	807.82
1976	Critical	58.11	53.20	44.97	51.14	47.47	41.39	63.53	63.31	46.29	80.41	73.54	66.62	689.98
1977	Critical	50.89	46.71	30.97	15.24	13.73	19.66	27.52	6.15	1.66	1.83	1.75	1.40	217.51
1978	Above Normal	0.18	0.14	0.10	12.06	12.55	54.72	69.06	64.19	76.81	79.06	69.04	59.54	497.45
1979	Below Normal	49.11	44.94	35.74	42.41	38.71	75.51	74.26	66.69	81.72	80.68	68.87	63.68	722.32
1980	Above Normal	54.64	50.05	42.06	49.48	72.14	92.30	50.97	58.97	71.51	71.64	63.18	55.44	732.38
1981	Dry	45.87	42.23	34.87	58.44	54.75	71.39	63.68	64.59	52.54	84.30	76.65	65.63	714.94
1982	Wet	49.94	45.86	30.34	29.90	38.59	92.26	65.80	63.44	83.22	83.19	71.22	65.50	719.26
1983	Wet	56.16	70.54	92.04	50.75	84.14	92.29	44.95	44.25	66.72	52.06	52.27	48.28	754.45
1984	Wet	44.40	41.63	91.95	58.96	87.53	92.28	59.28	69.12	83.34	84.05	71.53	66.23	850.30
1985	Dry	57.33	52.50	75.36	42.91	54.99	78.33	71.61	65.66	63.49	67.00	67.65	62.68	759.51
1986	Wet	53.72	49.11	41.21	46.51	41.82	82.72	72.33	68.37	77.09	85.66	73.98	65.20	757.72
1987	Dry	55.89	51.49	43.39	48.33	53.37	36.60	37.01	35.76	34.33	40.49	30.40	22.04	489.10
1988	Critical	3.77	0.90	0.10	8.40	12.75	19.19	28.34	26.17	23.67	28.23	21.15	15.39	188.06
1989	Dry	0.18	0.14	0.10	2.62	11.89	19.41	69.40	70.43	67.52	85.25	78.13	66.83	471.90
1990	Critical	50.98	46.88	31.16	15.56	14.62	22.15	34.22	32.66	30.88	36.74	27.42	19.90	363.17
1991	Critical	2.49	0.14	0.10	7.01	11.10	18.77	28.68	26.70	24.71	33.34	24.74	17.91	195.69
1992	Critical	1.33	0.14	0.10	6.05	11.08	19.03	28.39	26.10	23.63	1.66	1.73	30.22	149.46
1993	Above Normal	16.33	0.14	21.14	12.18	34.23	58.55	69.13	64.89	81.22	84.31	71.17	62.47	575.76
1994	Critical	50.82	46.52	35.59	37.84	32.67	38.37	58.66	57.98	54.78	67.72	26.51	63.59	571.05
1995	Wet	20.89	73.40	62.25	12.79	28.63	49.32	79.42	71.74	84.76	73.75	86.04	72.21	715.20
1996	Wet	59.88	55.06	46.68	40.84	53.88	71.24	76.27	68.39	72.10	81.82	82.71	65.48	774.35
1997	Wet	56.56	51.78	43.66	73.53	79.19	92.62	64.99	63.50	76.22	78.87	65.64	60.25	806.81
1998	Wet	50.96	46.81	39.09	58.48	55.91	92.96	68.02	61.34	73.90	62.29	74.39	61.21	745.36
1999	Wet	57.90	53.79	48.96	51.48	84.51	92.60	66.00	68.56	79.12	81.72	76.16	65.65	826.45
2000	Above Normal	56.73	51.95	43.82	53.46	53.89	55.84	69.22	68.67	79.76	82.52	71.66	59.67	747.19
2001	Dry	45.33	41.62	28.29	20.02	17.96	24.10	38.58	37.87	36.52	43.51	32.52	23.51	389.83
2002	Dry	4.65	1.62	0.10	0.10	12.55	33.20	78.34	70.47	68.28	72.19	73.07	67.67	482.24
2003	Above Normal	58.86	53.84	64.23	7.90	16.72	34.33	59.00	58.56	1.40	78.71	72.26	59.06	564.87
	Average	44.40	42.51	36.99	36.43	41.35	58.28	61.36	59.38	58.67	70.02	61.97	54.82	626.18
	Wet	48.96	47.62	42.77	48.47	59.93	83.22	67.80	64.66	77.00	76.78	70.32	62.72	750.24
	Above Normal	49.79	43.36	39.17	35.95	41.41	59.74	64.69	64.95	60.94	80.51	71.52	62.07	674.09
	Below Normal	47.56	48.49	39.12	37.31	38.92	64.07	67.02	64.85	50.60	81.88	73.89	63.80	677.52
	Dry	38.27	37.44	34.73	28.03	29.82	38.62	61.29	60.34	56.99	69.72	63.63	54.62	573.49
	Critical	34.67	31.24	23.19	22.40	21.15	25.51	37.58	34.53	28.63	31.48	17.94	20.29	328.61

Difference in Energy generated (GWh) at Castaic: Alternative3_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	15.21	14.80	0.19	(0.05)	3.27
1923	Below Normal	(0.29)	(0.04)	(0.04)	(24.47)	(29.59)	4.46	23.25	(6.03)	(39.27)	27.46	17.17	16.24	(0.93)
1924	Critical	16.90	15.66	14.59	9.71	7.67	3.06	3.51	3.95	4.37	(31.23)	(23.02)	(16.54)	0.72
1925	Dry	38.07	45.04	48.87	11.00	2.33	(34.17)	5.60	(9.57)	(9.83)	(11.70)	(10.72)	(8.76)	5.51
1926	Dry	(7.96)	(7.51)	(5.85)	3.44	0.52	1.87	5.29	6.32	6.49	10.60	9.68	7.90	2.57
1927	Wet	8.75	21.88	16.87	3.42	(2.82)	(0.65)	(1.53)	(1.49)	15.43	14.65	2.03	1.93	6.54
1928	Above Normal	2.04	1.84	1.70	(1.12)	(0.96)	(0.37)	(0.29)	0.16	(59.58)	12.01	11.53	10.24	(1.90)
1929	Critical	10.12	9.29	7.94	1.46	0.51	2.38	6.09	4.81	(23.77)	(28.28)	(20.84)	(14.97)	(3.77)
1930	Dry	(0.43)	0.00	5.56	11.31	0.44	0.58	2.96	2.93	(33.46)	13.74	13.89	11.90	2.45
1931	Critical	12.08	11.52	8.82	3.66	1.45	1.34	(0.81)	(0.90)	(1.00)	(1.18)	(26.73)	(19.21)	(0.91)
1932	Dry	(2.83)	34.63	52.56	5.93	(0.76)	1.52	2.78	2.87	15.79	19.05	4.88	3.75	11.68
1933	Critical	4.35	4.36	3.29	2.98	0.74	(1.24)	(1.18)	(3.96)	(3.58)	(4.04)	(4.58)	(4.09)	(0.58)
1934	Critical	1.69	4.34	10.42	2.19	1.03	1.34	3.57	3.73	3.60	4.12	0.00	0.00	3.00
1935	Below Normal	13.69	19.06	29.97	2.51	0.52	0.76	1.82	1.83	(44.18)	7.87	14.28	14.75	5.24
1936	Below Normal	13.46	12.62	9.80	0.04	(0.30)	(24.79)	16.56	0.88	14.97	16.56	0.97	0.91	5.14
1937	Below Normal	0.92	0.87	0.80	0.22	(3.90)	0.00	(1.10)	(0.95)	14.06	11.93	0.60	(1.03)	1.87
1938	Wet	(1.13)	(0.98)	(0.91)	13.73	7.06	2.90	7.12	(1.38)	3.79	(1.50)	9.83	11.65	4.18
1939	Dry	(1.49)	(1.37)	(1.26)	0.87	(0.50)	0.00	(6.58)	1.42	35.78	0.46	0.13	0.34	2.32
1940	Above Normal	0.57	0.52	(8.25)	(1.46)	(1.27)	(0.54)	(0.02)	(0.02)	18.91	0.56	0.00	0.00	0.75
1941	Wet	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	15.03	13.54	1.05	0.00	2.47
1942	Wet	0.00	0.00	0.00	(12.40)	(0.41)	0.00	0.23	(0.07)	14.96	14.52	(0.08)	(0.06)	1.39
1943	Wet	(0.04)	(0.05)	(0.05)	(1.57)	(4.22)	0.00	2.01	0.18	15.12	12.88	2.21	0.20	2.22
1944	Dry	0.23	0.18	0.17	(3.06)	(2.75)	(0.81)	(0.36)	(0.36)	(0.32)	(0.39)	(0.54)	(0.52)	(0.71)
1945	Below Normal	(0.64)	(0.64)	(0.48)	(0.16)	(0.07)	(0.88)	0.11	0.10	15.94	13.91	0.10	0.10	2.28
1946	Below Normal	0.10	0.09	0.08	0.00	0.00	0.24	0.28	0.28	17.95	2.15	0.31	0.29	1.81
1947	Dry	0.29	0.28	0.25	0.36	0.02	(0.28)	(0.15)	0.03	0.01	0.20	0.04	(0.13)	0.08
1948	Below Normal	(0.26)	(0.24)	(0.36)	(0.62)	(0.55)	(0.20)	0.04	0.18	0.00	(0.03)	(0.02)	(0.02)	(0.17)
1949	Dry	(0.02)	(0.01)	(0.01)	(0.05)	0.03	(0.07)	(0.03)	0.02	0.01	0.07	0.02	(0.02)	0.00
1950	Below Normal	(0.07)	(0.06)	(0.09)	(0.41)	(0.37)	(0.11)	(0.01)	(0.02)	0.00	(0.01)	(0.01)	(0.01)	(0.10)
1951	Above Normal	(0.01)	(0.01)	(1.57)	19.47	(17.67)	0.00	0.00	0.00	16.70	12.94	0.00	0.00	2.49
1952	Wet	0.00	0.00	0.00	1.42	0.00	0.00	0.00	(0.82)	14.14	13.65	(0.96)	(0.71)	2.23
1953	Wet	(0.51)	(0.67)	(0.60)	(6.55)	12.19	0.00	(15.44)	(0.80)	18.96	0.03	(0.07)	0.43	0.58
1954	Above Normal	0.83	0.76	1.16	1.96	2.40	2.82	0.37	0.43	0.45	0.00	0.13	0.11	0.95
1955	Dry	0.10	0.10	0.08	0.30	(0.01)	(0.09)	(0.40)	(0.43)	(0.44)	(0.52)	(0.48)	(0.39)	(0.18)
1956	Wet	(0.36)	(0.34)	(0.26)	(0.54)	0.00	0.00	0.06	0.05	13.71	16.03	0.06	0.06	2.37
1957	Above Normal	0.06	0.05	0.04	3.72	(0.05)	(0.03)	0.03	0.03	18.94	0.57	0.00	0.00	1.95
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.58	11.97	4.08	0.00	2.47
1959	Below Normal	0.00	0.00	0.00	0.25	0.28	(3.48)	(1.36)	(1.46)	(26.44)	0.78	0.68	0.54	(2.52)
1960	Dry	0.53	0.47	0.35	(0.10)	(0.08)	0.13	0.17	0.01	0.02	(0.19)	(0.03)	(0.68)	0.05
1961	Dry	(0.46)	(0.44)	(0.14)	0.67	0.60	0.23	0.12	0.13	0.13	0.16	0.14	(0.07)	0.09
1962	Below Normal	(0.08)	(0.08)	0.00	0.00	0.00	0.00	0.00	0.00	18.93	0.57	0.00	0.01	1.61
1963	Wet	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	18.08	11.57	0.00	0.00	2.47
1964	Dry	0.00	0.00	0.00	(0.02)	(0.11)	0.32	(0.04)	(0.03)	(0.04)	(0.04)	(0.04)	(0.03)	0.00
1965	Wet	(0.03)	(0.03)	(0.03)	0.18	0.04	(0.75)	0.01	0.08	19.02	11.12	0.35	0.25	2.52
1966	Below Normal	0.20	0.18	0.10	(0.35)	(0.36)	(0.20)	0.00	0.01	0.01	0.03	0.02	0.01	(0.03)
1967	Wet	0.00	0.01	(0.01)	(0.12)	(0.03)	0.00	0.01	(0.01)	15.02	14.59	(0.01)	(0.01)	2.45
1968	Below Normal	(0.01)	(0.01)	(7.20)	6.55	0.12	0.00	2.82	0.20	17.51	3.13	0.30	(0.48)	1.91
1969	Wet	(1.12)	(1.01)	(1.60)	(24.03)	(9.48)	0.00	(0.55)	(0.51)	14.50	(0.56)	10.78	2.73	(0.90)
1970	Wet	(0.55)	(0.50)	(0.47)	23.21	(1.43)	(0.16)	(3.59)	0.21	14.46	13.35	2.50	0.21	3.94
1971	Wet	0.22	0.21	0.18	(14.63)	23.52	(1.10)	(0.17)	(0.20)	(0.20)	0.14	0.12	0.10	0.68
1972	Below Normal	0.09	0.08	0.06	0.18	0.17	0.04	(0.02)	(0.04)	(0.03)	(0.06)	(0.04)	(0.02)	0.03
1973	Above Normal	(0.01)	(0.01)	0.01	0.09	0.08	0.05	0.00	0.02	15.65	14.03	0.02	0.02	2.50
1974	Wet	0.02	0.02	0.02	(14.17)	(22.82)	0.00	5.14	(0.19)	16.34	12.88	(0.22)	(0.16)	(0.26)
1975	Wet	(0.11)	(0.15)	(0.13)	0.56	2.52	(3.32)	0.71	0.67	16.82	14.26	0.75	0.70	2.77
1976	Critical	0.71	0.66	0.61	0.51	0.18	(0.08)	(0.33)	(0.36)	(0.58)	(0.45)	(0.42)	(0.47)	0.00
1977	Critical	(0.43)	(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	15.84	14.64	3.95	(0.59)	2.70
1979	Below Normal	(1.94)	(1.75)	(3.24)	(7.49)	(30.29)	(16.74)	15.46	0.81	17.96	13.39	0.88	0.86	(1.01)
1980	Above Normal	0.92	0.82	0.75	(4.79)	(8.38)	0.00	(1.73)	(1.55)	13.39	10.09	1.01	(1.52)	0.75
1981	Dry	(1.41)	(1.44)	(1.32)	(1.84)	(4.15)	10.26	1.23	1.43	45.30	(0.26)	(0.73)	0.29	3.95
1982	Wet	0.24	0.25	0.21	0.03	0.08	0.00	0.00	0.01	16.99	13.14	0.49	0.46	2.66
1983	Wet	(8.87)	10.06	0.00	0.00	0.00	0.00	0.00	0.00	15.03	0.00	11.38	3.26	2.57
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	16.40	13.25	0.01	0.00	2.47
1985	Dry	0.00	0.00	0.01	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(9.57)	9.92	0.02	10.78	15.75	3.15	0.01	2.51
1987	Dry	0.01	0.00	0.01	(8.88)	0.01	0.02	(1.04)	(1.16)	(1.28)	(1.54)	(1.13)	(0.80)	(1.32)
1988	Critical	(0.48)	(0.39)	0.00	(0.33)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)
1989	Dry	0.00	0.00	0.00	(0.02)	(0.01)	(0.02)	(0.06)	(0.06)	(0.06)	0.00	0.01	0.74	0.04
1990	Critical	0.69	0.63	0.48	(0.01)	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.15
1991	Critical	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.19	0.13	0.09	0.05
1992	Critical	0.06	0.00	0.00	0.71	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.06
1993	Above Normal	0.36	0.00	0.95	0.00	(0.04)	(0.24)	(0.02)	0.03	18.96	10.99	0.23	0.15	2.61
1994	Critical	0.10	0.09	0.03	(0.22)	(0.17)	(0.07)	0.00	0.01	0.01	(0.02)	(0.41)	0.04	(0.05)
1995	Wet	1.48	(0.41)	(0.03)	0.00	(0.01)	0.00	0.00	0.00	15.03	0.17	11.51	3.42	2.60
1996	Wet	0.17	0.15	0.14	(25.24)	(17.52)	(10.41)	(1.08)	(1.05)	4.75	10.68	10.80	(1.07)	(2.47)
1997	Wet	(1.07)	(1.01)	(0.93)	5.72	0.07	0.04	1.15	0.17	15.21	14.49	0.49	0.18	2.88
1998	Wet	0.18	0.17	0.16	0.30	(25.76)	4.64	(0.05)	(0.87)	14.08	(1.01)	10.32	2.50	0.39
1999	Wet	1.72	(3.07)	(0.66)	(6.55)	2.93	(0.36)	(8.06)	0.13	12.95	11.77	5.36	0.13	1.36
2000	Above Normal	0.14	0.14	0.12	0.16	0.26	(0.89)	(0.25)	0.05	14.05	5.84	0.09	(0.22)	1.62
2001	Dry	(0.49)	(0.44)	(0.66)	(1.30)	(1.17)	(0.27)	0.23	0.26	0.29	0.35	0.25	0.18	(0.23)
2002	Dry	0.11	0.09	0.00	0.00	0.11	(0.04)	(0.21)	(0.20)	(0.22)	(0.22)	(0.23)	(0.22)	(0.09)
2003	Above Normal	(0.21)	(0.21)	(0.44)	0.63	0.58	0.21	(0.01)	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.04
	Average	1.21	2.12	2.20	(0.16)	(1.46)	(0.92)	0.87	0.01	6.02	5.05	0.95	0.30	1.35
	Wet	(0.04)	0.94	0.46	(2.20)	(1.39)	(0.72)	(0.16)	(0.23)	13.85	9.67	3.31	1.01	2.04
	Above Normal	0.39	0.33	(0.46)	2.38	(2.10)	(0.11)	(0.23)	0.02	7.38	8.04	1.43	0.68	1.48
	Below Normal	1.80	2.15	2.10	(1.70)	(4.60)	(2.92)	4.13	(0.30)	0.53	6.98	2.52	2.30	1.08
	Dry	1.35	3.87	5.48	1.03	(0.30)	(1.16)	0.53	0.20	3.23	1.65	0.84	0.75	1.46
	Critical	3.82	3.81	3.82	1.72	0.95	0.56	0.91	0.61	(1.74)	(5.07)	(6.32)	(4.60)	(0.13)

Percent Difference in Energy generated (GWh) at Castaic: Alternative3_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%	25%	23%	0%	0%
1923	Below Normal	-1%	0%	0%	-32%	-35%	5%	37%	-10%	-66%	40%	26%	30%
1924	Critical	41%	42%	58%	43%	38%	13%	11%	13%	16%	-95%	-93%	-92%
1925	Dry	>1,000%	>1,000%	>1,000%	204%	21%	-58%	11%	-14%	-15%	-15%	-15%	-15%
1926	Dry	-19%	-19%	-23%	22%	3%	6%	13%	11%	12%	16%	16%	16%
1927	Wet	25%	69%	86%	31%	-15%	-1%	-2%	-2%	23%	20%	3%	3%
1928	Above Normal	3%	3%	4%	-2%	-2%	-1%	0%	0%	-88%	17%	16%	15%
1929	Critical	17%	18%	18%	3%	1%	8%	22%	17%	-94%	-94%	-92%	-91%
1930	Dry	-70%	0%	>1,000%	279%	3%	3%	6%	6%	-76%	26%	31%	34%
1931	Critical	66%	75%	127%	27%	11%	6%	-2%	-3%	-3%	-3%	-94%	-93%
1932	Dry	-94%	>1,000%	>1,000%	64%	-6%	6%	5%	6%	33%	34%	10%	9%
1933	Critical	16%	18%	25%	21%	5%	-5%	-3%	-10%	-9%	-9%	-13%	-15%
1934	Critical	19%	76%	>1,000%	18%	9%	6%	10%	10%	10%	10%	0%	0%
1935	Below Normal	56%	70%	174%	20%	4%	3%	3%	3%	-68%	9%	19%	24%
1936	Below Normal	29%	29%	35%	0%	-2%	-27%	26%	1%	21%	22%	1%	1%
1937	Below Normal	1%	2%	2%	0%	-6%	0%	-2%	-1%	21%	17%	1%	-2%
1938	Wet	-2%	-2%	-2%	22%	10%	3%	13%	-2%	6%	-2%	16%	20%
1939	Dry	-3%	-3%	-3%	1%	-1%	0%	-9%	2%	75%	1%	0%	0%
1940	Above Normal	1%	1%	-15%	-10%	-9%	-2%	0%	0%	29%	1%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	28%	24%	2%	0%
1942	Wet	0%	0%	0%	-15%	-1%	0%	0%	0%	25%	23%	0%	0%
1943	Wet	0%	0%	0%	-3%	-6%	0%	3%	0%	22%	18%	3%	0%
1944	Dry	0%	0%	0%	-7%	-7%	-2%	-1%	-1%	-1%	-1%	-1%	-1%
1945	Below Normal	-3%	-3%	-4%	-1%	0%	-1%	0%	0%	23%	19%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	28%	3%	0%	0%
1947	Dry	1%	1%	1%	1%	0%	-1%	0%	0%	0%	0%	0%	0%
1948	Below Normal	-1%	-1%	-1%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-3%	27%	-21%	0%	0%	0%	25%	19%	0%	0%
1952	Wet	0%	0%	0%	2%	0%	0%	0%	-2%	28%	26%	-2%	-1%
1953	Wet	-1%	-2%	-1%	-11%	23%	0%	-17%	-1%	32%	0%	0%	1%
1954	Above Normal	2%	2%	4%	5%	6%	5%	1%	1%	1%	0%	0%	0%
1955	Dry	0%	0%	0%	2%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-1%	-1%	0%	0%	0%	0%	19%	21%	0%	0%
1957	Above Normal	0%	0%	0%	7%	0%	0%	0%	0%	>1,000%	1%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	19%	16%	5%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-4%	-2%	-2%	-47%	1%	1%	1%
1960	Dry	1%	1%	1%	-1%	-1%	1%	0%	0%	0%	0%	0%	-1%
1961	Dry	-1%	-1%	0%	4%	3%	1%	0%	0%	0%	0%	0%	0%
1962	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	>1,000%	1%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	29%	17%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	31%	17%	1%	0%
1966	Below Normal	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	23%	21%	0%	0%
1968	Below Normal	0%	0%	-14%	9%	0%	0%	4%	0%	29%	5%	0%	-1%
1969	Wet	-3%	-3%	-6%	-37%	-12%	0%	-1%	-1%	24%	-1%	17%	5%
1970	Wet	-1%	-1%	-1%	39%	-2%	0%	-5%	0%	22%	19%	4%	0%
1971	Wet	0%	0%	0%	-19%	40%	-2%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	2%	1%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	23%	19%	0%	0%
1974	Wet	0%	0%	0%	-19%	-27%	0%	7%	0%	25%	19%	0%	0%
1975	Wet	0%	0%	0%	1%	4%	-4%	1%	1%	25%	20%	1%	1%
1976	Critical	1%	1%	1%	1%	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%	26%	23%	6%	-1%
1979	Below Normal	-4%	-4%	-8%	-15%	-44%	-18%	26%	1%	28%	20%	1%	1%
1980	Above Normal	2%	2%	2%	-9%	-10%	0%	-3%	-3%	23%	16%	2%	-3%
1981	Dry	-3%	-3%	-4%	-3%	-7%	17%	2%	2%	626%	0%	-1%	0%
1982	Wet	0%	1%	1%	0%	0%	0%	0%	0%	26%	19%	1%	1%
1983	Wet	-14%	17%	0%	0%	0%	0%	0%	0%	29%	0%	28%	7%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	24%	19%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-10%	16%	0%	16%	23%	4%	0%
1987	Dry	0%	0%	0%	-16%	0%	0%	-3%	-3%	-4%	-4%	-4%	-4%
1988	Critical	-11%	-30%	0%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	1%
1990	Critical	1%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%
1992	Critical	5%	0%	0%	13%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	2%	0%	5%	0%	0%	0%	0%	0%	30%	15%	0%	0%
1994	Critical	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	-2%	0%
1995	Wet	8%	-1%	0%	0%	0%	0%	0%	0%	22%	0%	15%	5%
1996	Wet	0%	0%	0%	-38%	-25%	-13%	-1%	-2%	7%	15%	15%	-2%
1997	Wet	-2%	-2%	-2%	8%	0%	0%	2%	0%	25%	23%	1%	0%
1998	Wet	0%	0%	0%	1%	-32%	5%	0%	-1%	24%	-2%	16%	4%
1999	Wet	3%	-5%	-1%	-11%	4%	0%	-11%	0%	20%	17%	8%	0%
2000	Above Normal	0%	0%	0%	0%	0%	-2%	0%	0%	21%	8%	0%	0%
2001	Dry	-1%	-1%	-2%	-6%	-6%	-1%	1%	1%	1%	1%	1%	1%
2002	Dry	2%	6%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	-1%	9%	4%	1%	0%	0%	0%	0%	0%	0%
	Average	1%	4%	6%	8%	-1%	-1%	2%	0%	15%	6%	-1%	-2%
	Wet	1%	3%	3%	-2%	-1%	-1%	0%	0%	22%	14%	5%	2%
	Above Normal	1%	1%	0%	8%	-3%	0%	0%	0%	10%	12%	2%	1%
	Below Normal	6%	7%	13%	-1%	-6%	-3%	7%	-1%	-2%	10%	4%	4%
	Dry	-10%	-1%	-2%	30%	0%	-2%	1%	0%	36%	3%	2%	2%
	Critical	13%	17%	19%	10%	5%	2%	3%	2%	-7%	-16%	-24%	-24%

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: Alternative3_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	103.33	97.55	87.29	82.85	991.64
1923	Below Normal	81.54	74.12	64.78	117.96	112.46	136.75	92.50	1.17	27.96	116.16	113.44	109.24	1,048.08
1924	Critical	95.12	87.24	73.47	51.97	56.06	38.44	50.82	71.81	31.20	1.80	1.72	1.28	560.93
1925	Dry	27.82	80.60	128.69	14.43	23.27	30.31	60.25	79.72	79.72	76.05	85.13	82.60	768.59
1926	Dry	65.50	60.22	48.91	17.91	26.36	37.86	56.22	90.79	60.61	89.49	100.37	88.14	742.38
1927	Wet	7.09	98.08	78.12	19.88	36.76	70.82	78.00	81.83	58.39	102.38	92.87	87.95	812.17
1928	Above Normal	86.99	79.24	70.80	93.64	94.30	58.17	79.93	84.56	1.40	96.23	104.78	99.30	949.34
1929	Critical	95.84	87.86	78.31	88.08	88.10	49.99	48.01	68.25	1.32	1.80	1.77	1.27	610.60
1930	Dry	0.96	0.32	119.59	13.50	22.26	27.53	56.28	75.66	1.53	84.95	91.24	88.90	582.72
1931	Critical	66.30	59.35	48.45	15.85	23.53	25.89	49.12	69.30	70.76	18.71	1.78	1.22	450.26
1932	Dry	0.88	6.18	127.53	13.46	26.25	33.41	55.55	73.65	92.12	92.51	79.97	76.51	678.02
1933	Critical	60.67	55.62	45.12	16.28	23.59	27.28	56.25	79.43	81.35	69.80	68.58	1.64	585.61
1934	Critical	33.57	34.60	63.88	13.72	21.26	27.87	58.09	81.30	82.88	9.60	1.76	1.28	429.81
1935	Below Normal	10.15	96.46	128.64	14.22	24.68	32.05	73.58	60.79	28.38	90.53	131.19	128.64	819.31
1936	Below Normal	100.54	92.58	75.34	17.61	31.61	68.67	84.21	88.62	112.73	108.57	95.58	90.44	966.50
1937	Below Normal	89.47	81.63	72.82	103.13	100.99	122.86	79.22	81.98	107.29	99.00	92.41	85.07	1,115.87
1938	Wet	83.55	76.21	67.17	92.46	83.85	145.07	71.67	74.67	85.95	73.89	101.04	99.13	1,054.66
1939	Dry	79.07	71.77	62.00	95.77	73.94	131.49	73.66	91.31	28.25	97.96	44.60	117.41	967.23
1940	Above Normal	95.94	5.91	123.11	9.06	16.45	40.73	70.77	95.69	90.01	95.09	105.75	102.69	851.20
1941	Wet	81.59	74.95	60.82	33.61	43.74	109.83	66.10	69.77	94.43	88.19	80.52	74.84	878.39
1942	Wet	73.41	66.69	57.77	96.53	112.38	135.75	88.77	75.50	100.52	94.80	83.50	79.15	1,064.77
1943	Wet	78.25	71.10	62.58	98.51	115.26	96.28	85.68	85.80	110.86	102.07	97.07	89.33	1,092.79
1944	Dry	88.07	80.22	70.77	80.95	78.57	48.73	57.22	77.34	77.58	72.42	79.10	76.98	887.95
1945	Below Normal	58.09	51.90	42.30	17.24	26.45	122.08	81.66	83.89	110.43	101.55	90.41	85.55	871.55
1946	Below Normal	84.58	77.12	71.88	113.78	79.02	78.08	74.79	79.13	107.84	79.96	86.39	81.93	1,014.50
1947	Dry	81.07	73.81	65.44	97.49	102.37	59.43	77.52	92.01	93.77	88.43	97.97	94.34	1,023.65
1948	Below Normal	82.54	75.72	64.27	53.27	54.78	33.66	55.15	52.49	1.41	99.16	109.70	106.81	788.96
1949	Dry	84.07	77.34	62.90	18.28	27.32	33.37	77.69	90.16	92.49	86.97	96.14	92.36	839.09
1950	Below Normal	82.24	75.43	64.54	21.88	26.27	29.08	64.38	84.94	1.35	96.72	106.81	103.90	757.54
1951	Above Normal	81.71	75.19	61.17	110.39	128.94	135.49	75.39	81.40	108.97	97.81	88.80	84.27	1,129.53
1952	Wet	83.41	75.92	67.30	105.55	106.33	74.97	60.51	64.12	88.32	84.17	73.17	69.38	953.15
1953	Wet	68.04	61.58	99.06	121.38	101.70	119.15	76.56	76.41	105.48	74.97	83.59	79.98	1,067.90
1954	Above Normal	74.72	68.07	58.72	75.75	79.70	70.82	71.81	94.70	94.15	78.84	103.15	100.16	970.59
1955	Dry	79.84	73.26	59.40	20.83	32.29	38.05	58.71	77.95	77.74	74.30	83.38	80.92	756.67
1956	Wet	64.25	58.83	47.72	83.34	110.60	138.74	86.15	89.06	112.68	109.66	97.46	92.55	1,091.04
1957	Above Normal	91.54	83.38	73.75	113.41	112.95	69.00	58.62	37.70	28.39	93.41	101.59	99.01	962.75
1958	Wet	77.45	71.15	57.87	22.08	52.08	121.83	85.51	88.56	112.01	103.94	103.99	92.99	989.46
1959	Below Normal	91.65	83.36	73.13	97.76	98.67	113.47	66.10	86.99	1.54	96.32	106.82	103.84	1,019.65
1960	Dry	81.90	75.14	61.05	15.93	21.16	30.07	76.76	98.91	42.88	100.35	60.64	117.17	781.96
1961	Dry	94.56	86.85	71.36	25.72	32.12	29.90	64.07	84.49	84.63	80.58	62.57	24.99	741.84
1962	Below Normal	0.91	65.05	126.60	8.65	15.08	37.94	64.81	86.27	28.21	99.11	108.74	105.81	747.18
1963	Wet	83.23	76.53	62.23	44.87	53.21	66.97	73.36	78.08	107.30	92.68	85.23	80.88	904.57
1964	Dry	80.09	72.84	79.31	93.33	58.53	63.05	79.26	81.56	85.56	79.76	88.38	83.64	945.31
1965	Wet	82.91	75.45	67.18	90.61	95.34	73.83	72.05	76.48	98.19	90.28	83.83	79.65	985.80
1966	Below Normal	77.19	70.22	61.75	96.53	100.98	75.52	68.69	88.25	76.29	84.93	97.52	94.24	992.11
1967	Wet	77.47	70.88	57.77	27.75	57.97	69.99	79.11	82.72	107.92	101.78	90.95	86.15	910.46
1968	Below Normal	84.99	77.33	68.24	88.64	118.00	117.05	82.82	83.25	108.64	82.57	91.23	87.92	1,090.68
1969	Wet	75.65	69.11	57.35	59.45	117.46	142.68	73.47	76.49	101.49	75.55	102.82	86.94	1,038.46
1970	Wet	80.69	73.29	63.43	78.52	119.45	139.33	76.16	81.56	105.69	98.21	92.11	84.30	1,092.74
1971	Wet	83.51	75.97	67.37	114.88	88.14	91.26	65.64	87.65	81.56	83.71	96.06	92.99	1,028.74
1972	Below Normal	74.81	68.51	55.41	25.02	46.55	61.39	70.78	89.36	89.79	85.21	96.69	93.41	856.93
1973	Above Normal	77.83	71.32	58.72	35.83	66.45	75.71	78.71	84.15	110.44	101.88	91.03	86.21	938.28
1974	Wet	85.36	77.74	69.19	114.68	111.26	103.82	85.25	81.16	108.66	97.98	89.39	84.89	1,109.38
1975	Wet	83.90	76.20	67.16	109.52	109.77	97.48	80.57	83.08	110.01	100.17	89.33	84.63	1,091.82
1976	Critical	83.60	76.24	68.09	96.16	101.05	59.16	66.58	88.31	1.55	95.68	52.24	112.66	901.32
1977	Critical	88.24	81.04	65.93	15.90	21.31	21.03	10.74	1.12	1.78	1.82	1.78	1.33	312.02
1978	Above Normal	1.02	0.99	86.87	9.35	27.98	55.96	71.80	79.39	103.58	93.85	89.61	81.64	702.04
1979	Below Normal	76.82	69.97	60.94	78.35	81.70	82.42	77.40	80.09	108.35	96.04	86.79	82.17	981.04
1980	Above Normal	81.07	73.83	65.63	96.16	108.38	137.11	69.26	72.74	97.57	88.66	85.69	77.43	1,053.53
1981	Dry	76.05	69.02	60.09	110.81	112.08	82.91	66.65	90.00	28.57	100.00	84.73	111.46	992.37
1982	Wet	87.43	80.26	65.24	41.74	51.11	139.23	89.54	84.82	106.94	101.75	95.36	90.42	1,033.84
1983	Wet	89.08	80.95	131.64	115.72	105.76	142.69	59.29	62.37	86.83	62.22	89.03	73.87	1,099.45
1984	Wet	75.33	68.85	131.66	106.34	111.48	140.58	76.23	82.57	109.55	99.39	89.96	85.42	1,177.36
1985	Dry	84.47	76.96	74.58	112.52	104.12	87.67	73.57	77.79	81.80	76.08	84.17	79.65	1,013.38
1986	Wet	78.87	71.87	64.01	94.43	91.77	89.24	81.58	84.46	103.96	105.36	98.07	88.45	1,052.07
1987	Dry	87.05	79.33	69.62	122.22	112.16	62.59	54.67	77.05	78.80	67.44	66.52	65.11	942.56
1988	Critical	41.42	32.70	26.27	12.01	21.50	20.21	36.95	52.17	53.46	46.09	45.06	43.99	431.83
1989	Dry	27.65	21.51	17.27	10.39	18.43	20.10	74.31	99.39	47.08	99.90	87.39	113.03	636.45
1990	Critical	89.39	82.19	66.75	16.81	23.71	25.71	48.92	68.91	70.57	60.55	59.45	58.15	671.11
1991	Critical	36.75	28.89	23.21	11.42	17.45	19.85	37.78	46.82	14.12	55.70	53.86	52.85	398.70
1992	Critical	32.51	21.72	22.12	10.39	16.54	18.50	37.00	52.25	53.44	1.79	1.76	17.88	285.90
1993	Above Normal	66.18	0.81	89.89	10.20	43.13	58.12	72.09	83.23	52.03	101.94	97.04	92.96	767.62
1994	Critical	83.53	76.52	65.32	64.27	67.94	48.82	60.58	80.04	53.45	79.13	1.75	74.95	756.30
1995	Wet	0.88	18.60	127.75	8.55	38.59	52.73	84.64	87.33	110.66	85.86	111.91	95.37	822.87
1996	Wet	89.52	81.57	72.11	56.03	66.06	71.84	79.32	81.63	93.85	96.51	105.59	83.99	978.02
1997	Wet	83.12	75.74	67.32	102.75	92.40	135.53	74.74	77.48	102.38	96.27	86.47	81.65	1,075.85
1998	Wet	80.44	73.15	64.11	111.61	113.20	105.23	71.85	75.06	99.96	74.17	100.02	84.09	1,052.89
1999	Wet	85.84	78.84	86.18	122.47	79.91	106.30	76.40	81.80	103.73	96.56	96.80	84.79	1,099.62
2000	Above Normal	83.91	76.44	67.80	104.32	100.69	74.37	73.16	93.81	113.91	97.50	100.70	97.46	1,084.07
2001	Dry	79.93	73.40	60.37	28.68	32.41	30.87	58.08	82.17	83.91	72.16	71.12	69.58	742.68
2002	Dry	43.99	34.89	28.03	16.38	31.19	40.21	80.94	83.03	86.93	81.21	88.80	83.87	699.47
2003	Above Normal	82.87	33.78	87.36	20.38	32.64	39.97	60.54	80.37	1.08	91.88	101.02	98.32	730.21
	Average	71.29	66.65	70.84	60.46	66.48	73.64	68.95	77.64	75.15	83.24	82.07	80.37	876.78
	Wet	74.63	72.29	73.85	79.74	87.14	106.97	76.85	79.63	100.28	92.02	92.93	85.15	1,021.47
	Above Normal	78.31	57.41	78.69	59.10	70.97	72.99	71.42	80.49	75.41	94.55	96.37	91.86	927.57
	Below Normal	71.11	75.67	73.62	61.00	65.52	79.36	74.01	74.80	65.02	95.42	100.98	97.07	933.56
	Dry	64.61	61.87	70.38	50.48	51.94	49.31	66.75	84.61	68.00	84.48	80.68	85.93	819.02
	Critical	67.25	60.33	53.91	34.41	40.17	31.90	46.74	63.31	42.99	36.87	24.29	30.71	532.87

Difference in Energy generated (GWh) at DCanyon: Alternative3_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	23.38	22.90	3.86	3.74	5.48
1923	Below Normal	3.45	3.05	1.93	19.15	25.90	32.31	25.16	(84.03)	(57.20)	34.97	20.11	19.16	3.66
1924	Critical	19.31	17.93	16.48	18.64	18.52	7.14	7.12	10.07	(32.05)	(52.46)	(51.50)	(50.73)	(5.96)
1925	Dry	(4.89)	54.90	108.05	3.39	5.60	(3.88)	(11.34)	(14.76)	(14.54)	(13.81)	(16.12)	(15.65)	6.41
1926	Dry	(12.75)	(11.72)	(9.46)	1.21	0.69	2.17	(0.95)	9.51	(20.62)	12.15	13.02	3.47	(1.11)
1927	Wet	(60.49)	36.11	27.86	0.81	(2.04)	(0.64)	(1.83)	(1.94)	(29.47)	20.54	2.64	2.57	(0.49)
1928	Above Normal	2.49	2.21	2.03	(2.14)	(1.71)	(0.72)	(0.25)	1.12	(85.84)	14.94	15.87	15.18	(3.07)
1929	Critical	13.39	12.49	10.90	(2.11)	0.53	4.46	12.36	12.21	(55.96)	(47.52)	(46.62)	(43.92)	(10.82)
1930	Dry	(29.47)	(23.38)	100.61	3.06	1.74	2.40	(1.43)	(3.05)	(78.33)	12.17	13.66	13.31	0.94
1931	Critical	11.72	11.74	9.59	2.54	2.41	2.81	(1.72)	(2.41)	(2.42)	(44.16)	(60.03)	(58.30)	(10.69)
1932	Dry	(35.27)	(24.95)	102.63	0.96	0.35	1.97	0.60	0.06	18.24	22.87	2.96	1.66	7.67
1933	Critical	2.80	3.19	2.49	2.20	1.22	(2.75)	(1.55)	(2.09)	(1.88)	(3.20)	(5.48)	(70.81)	(6.32)
1934	Critical	(14.57)	(4.72)	31.94	0.95	2.55	3.48	3.39	4.29	4.25	(57.88)	0.00	0.00	(2.19)
1935	Below Normal	(20.15)	(0.96)	54.45	2.16	1.11	1.57	2.26	(34.11)	9.63	(8.75)	20.75	21.32	4.11
1936	Below Normal	16.00	14.59	11.94	0.27	(1.05)	(14.77)	2.50	1.16	21.07	23.17	1.28	1.22	6.45
1937	Below Normal	1.21	1.11	0.98	0.96	(0.60)	15.65	(0.74)	(0.66)	20.58	17.80	2.10	(0.21)	4.85
1938	Wet	(0.31)	(0.31)	(0.49)	(17.02)	(30.08)	4.61	(1.54)	(9.33)	(2.03)	(2.53)	6.76	17.07	(2.93)
1939	Dry	(1.46)	(1.34)	(1.28)	(1.15)	0.45	(4.51)	(8.42)	1.35	26.76	0.58	(2.84)	(0.44)	0.64
1940	Above Normal	0.04	(31.45)	24.98	(3.45)	(2.98)	(0.79)	(0.03)	(0.04)	26.44	0.79	(0.01)	(0.01)	1.12
1941	Wet	(0.02)	(0.01)	(0.01)	0.01	0.00	(8.16)	0.00	0.00	21.25	19.16	1.49	0.00	2.81
1942	Wet	0.00	0.01	0.00	14.14	0.49	(0.89)	0.11	(0.21)	21.03	20.42	(0.33)	(0.32)	4.54
1943	Wet	(0.29)	(0.26)	(0.18)	0.81	1.81	2.84	1.95	0.03	21.13	17.93	2.66	(0.18)	4.02
1944	Dry	(0.16)	(0.13)	(0.02)	(10.86)	(9.77)	(3.25)	0.07	0.22	0.27	0.09	(0.10)	(0.07)	(1.98)
1945	Below Normal	(0.33)	(0.43)	(0.33)	(0.03)	0.00	(17.88)	0.12	0.12	22.51	19.62	0.12	0.12	1.97
1946	Below Normal	0.11	0.10	1.18	0.00	0.00	0.29	0.34	0.36	25.34	2.95	0.40	0.37	2.62
1947	Dry	0.37	0.34	0.30	0.69	0.11	0.07	(0.09)	0.36	0.27	0.30	0.40	0.43	0.30
1948	Below Normal	0.02	0.03	(0.11)	(1.56)	(1.39)	(0.51)	0.07	3.37	0.00	(0.01)	0.04	0.02	0.00
1949	Dry	0.04	0.04	0.03	(0.01)	(0.02)	(0.05)	(0.01)	0.12	0.09	0.10	0.13	0.13	0.05
1950	Below Normal	0.02	0.02	(0.03)	(0.97)	(0.87)	(0.27)	(0.01)	(0.02)	0.00	(0.02)	(0.02)	(0.02)	(0.18)
1951	Above Normal	(0.02)	(0.02)	(0.02)	(22.53)	20.45	0.00	0.00	0.00	23.61	18.29	0.00	0.00	3.31
1952	Wet	0.00	0.00	0.00	(1.63)	(0.01)	(0.01)	(0.01)	(2.59)	18.47	17.81	(3.95)	(3.72)	2.03
1953	Wet	(3.40)	(3.09)	8.80	13.85	(8.15)	(17.10)	(18.77)	(1.83)	26.10	0.05	(1.14)	(1.22)	(0.49)
1954	Above Normal	(0.09)	(0.10)	0.31	4.89	4.17	2.66	0.53	0.71	6.41	(1.20)	0.42	0.38	1.59
1955	Dry	0.38	0.35	0.28	0.08	(0.03)	(0.14)	(0.49)	(0.65)	(0.64)	(0.61)	(0.69)	(0.67)	(0.24)
1956	Wet	(0.54)	(0.50)	(0.41)	(27.83)	0.03	0.05	0.06	0.07	19.37	22.66	0.06	0.07	1.09
1957	Above Normal	0.06	0.06	0.05	(4.24)	0.00	(0.04)	0.03	0.48	26.77	0.80	0.02	0.01	2.00
1958	Wet	0.01	0.01	0.00	0.00	0.00	(0.22)	0.00	0.00	19.20	16.93	5.78	0.00	3.48
1959	Below Normal	0.00	0.00	0.00	(0.23)	(0.28)	(1.38)	(1.78)	(2.29)	0.00	0.62	0.14	0.25	(0.41)
1960	Dry	(0.07)	(0.10)	(0.06)	(0.27)	(0.24)	0.24	0.10	(0.34)	6.86	(1.77)	5.74	(3.52)	0.55
1961	Dry	(2.02)	(1.85)	(1.34)	1.67	1.50	0.57	0.15	0.19	0.20	0.19	1.76	(0.08)	0.08
1962	Below Normal	0.00	0.08	(0.09)	0.00	0.00	0.00	0.00	0.01	26.77	0.80	0.00	0.00	2.30
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.55	16.34	(0.01)	(0.01)	3.49
1964	Dry	0.00	(0.01)	0.02	0.02	0.06	0.04	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.01)
1965	Wet	(0.03)	(0.03)	(0.03)	0.29	0.19	(0.35)	0.04	0.22	23.89	15.57	0.48	0.48	3.39
1966	Below Normal	0.31	0.29	0.21	(0.55)	(0.55)	(0.24)	0.01	0.03	(0.12)	0.04	0.04	0.04	(0.04)
1967	Wet	0.01	0.01	0.00	(0.08)	(0.05)	0.00	0.02	(0.06)	21.18	20.57	(0.11)	(0.10)	3.45
1968	Below Normal	(0.09)	(0.08)	(0.06)	(7.21)	0.07	(5.95)	3.99	1.81	25.87	4.44	2.03	2.11	2.24
1969	Wet	0.21	0.24	(0.37)	(6.80)	(9.13)	0.00	(0.58)	(0.58)	20.65	(0.55)	15.47	4.08	1.89
1970	Wet	(0.54)	(0.51)	(0.48)	(26.49)	(0.82)	0.31	(0.01)	0.27	20.40	18.81	3.50	0.27	1.23
1971	Wet	0.27	0.25	0.22	16.59	(26.99)	0.94	(0.23)	(0.31)	(4.24)	0.12	0.04	0.05	(1.11)
1972	Below Normal	0.00	0.00	0.01	0.09	0.05	0.00	(0.03)	(0.08)	(0.08)	(0.08)	(0.07)	(0.07)	(0.02)
1973	Above Normal	(0.02)	(0.02)	(0.01)	0.14	0.12	0.06	0.00	0.02	22.12	19.82	0.03	0.03	3.52
1974	Wet	0.02	0.02	0.02	16.16	26.11	(11.63)	5.10	(0.58)	22.76	17.88	(0.90)	(0.86)	6.18
1975	Wet	(0.78)	(0.71)	(0.50)	(3.09)	(3.09)	(3.79)	0.85	0.87	23.69	19.95	0.93	0.88	2.93
1976	Critical	0.88	0.81	0.72	1.00	0.91	0.22	(0.42)	(0.53)	0.00	(0.54)	1.33	(1.01)	0.28
1977	Critical	(0.84)	(0.79)	(0.68)	(0.05)	(0.05)	(0.01)	5.14	0.00	0.00	0.00	0.00	0.00	0.23
1978	Above Normal	0.00	0.62	(0.84)	0.00	0.03	(1.17)	(0.19)	4.14	24.57	20.22	8.27	4.77	5.04
1979	Below Normal	0.77	0.85	(0.59)	(17.55)	(14.51)	5.13	1.04	0.75	24.99	18.36	0.59	0.56	1.70
1980	Above Normal	0.61	0.56	0.62	(2.02)	4.05	(3.35)	(3.61)	(2.96)	18.11	13.67	(0.05)	(3.76)	1.82
1981	Dry	(3.57)	(3.24)	(2.53)	(1.39)	(2.89)	6.49	1.64	2.25	26.77	0.12	(7.41)	1.02	1.44
1982	Wet	1.00	0.94	0.75	0.20	0.24	(0.06)	0.02	0.01	17.96	18.37	0.50	0.48	3.37
1983	Wet	0.49	0.45	0.00	0.00	(0.33)	0.00	0.00	0.00	21.25	0.00	16.04	4.61	3.54
1984	Wet	0.00	0.00	0.00	0.00	0.39	0.00	0.01	0.00	23.17	18.74	0.00	0.01	3.53
1985	Dry	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(46.44)	0.05	0.05	15.27	22.29	4.49	0.05	(0.35)
1987	Dry	0.05	0.04	0.03	10.13	0.00	0.04	(2.12)	(2.99)	(3.04)	(2.60)	(2.58)	(2.54)	(0.47)
1988	Critical	(1.63)	(1.32)	(1.06)	(0.19)	(0.19)	(0.06)	0.01	0.00	0.00	0.00	0.00	0.00	(0.37)
1989	Dry	0.00	0.00	0.00	(0.01)	(0.03)	(0.03)	(0.08)	(0.10)	(1.02)	0.00	(6.12)	1.08	(0.53)
1990	Critical	0.79	0.71	0.58	(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)	(2.02)	(0.12)	0.33	0.28	0.29	(0.10)
1992	Critical	0.16	(1.99)	1.44	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	(0.51)	(0.08)
1993	Above Normal	(0.92)	0.00	(0.09)	0.00	(0.05)	(0.15)	0.00	0.14	24.65	15.46	0.36	0.36	3.31
1994	Critical	0.20	0.19	0.13	(0.53)	(0.44)	(0.12)	0.01	0.00	0.25	(0.01)	0.00	0.10	(0.02)
1995	Wet	0.00	0.00	(0.87)	0.00	(0.01)	(0.01)	0.00	0.00	19.10	0.16	16.20	4.77	3.28
1996	Wet	0.17	0.16	0.15	(49.41)	(42.62)	(18.39)	(1.39)	(1.41)	6.77	15.33	15.42	(1.39)	(6.38)
1997	Wet	(1.34)	(1.25)	(1.11)	(7.97)	(1.36)	(0.18)	0.19	0.19	21.45	20.40	0.61	0.17	2.48
1998	Wet	0.18	0.16	0.15	0.96	29.47	(5.55)	(0.07)	(2.66)	18.41	(2.89)	12.03	0.83	4.25
1999	Wet	4.34	(3.14)	5.12	13.86	2.32	(10.14)	(0.34)	0.19	18.30	16.62	7.57	0.21	4.58
2000	Above Normal	0.21	0.19	0.16	0.45	0.56	(0.45)	(0.14)	0.70	20.35	8.30	0.73	0.78	2.65
2001	Dry	(0.06)	(0.04)	(0.26)	(3.26)	(2.90)	(0.75)	0.48	0.67	0.68	0.58	0.57	0.56	(0.31)
2002	Dry	0.36	0.29	0.23	0.03	(0.01)	(0.05)	(0.26)	(0.27)	(0.28)	(0.26)	(0.28)	(0.27)	(0.06)
2003	Above Normal	(0.27)	5.03	(5.20)	0.93	0.85	0.31	(0.02)	(0.01)	0.00	(0.01)	(0.02)	(0.02)	0.13
	Average	(1.39)	0.63	6.10	(0.75)	(0.12)	(1.07)	0.20	(1.40)	6.76	5.16	0.28	(1.60)	1.07
	Wet	(2.35)	1.10	1.49	(2.41)	(2.45)	(4.42)	(0.63)	(0.75)	16.56	13.49	4.09	1.11	2.07
	Above Normal	0.17	(1.91)	1.83	(1.69)	2.17	(0.27)	(0.20)	0.52	10.88	11.17	2.46	1.79	2.24
	Below Normal	0.09	1.33	4.96	(0.39)	0.56	1.00	2.35	(8.11)	8.53	8.14	3.39	3.21	2.09
	Dry	(4.92)	(0.60)	16.51	0.24	(0.30)	0.07	(1.23)	(0.41)	(2.13)	1.67	0.11	(0.09)	0.74
	Critical	2.68	3.19	6.05	1.87	2.12	1.26	2.03	1.63	(7.33)	(17.12)	(13.50)	(18.74)	(2.99)

Percent Difference in Energy generated (GWh) at DCanyon: Alternative3_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%	29%	31%	5%	5%
1923	Below Normal	4%	4%	3%	19%	30%	31%	37%	-99%	-67%	43%	22%	21%
1924	Critical	25%	26%	29%	56%	49%	23%	16%	16%	-51%	-97%	-97%	-98%
1925	Dry	-15%	214%	523%	31%	32%	-11%	-16%	-16%	-15%	-15%	-16%	-16%
1926	Dry	-16%	-16%	-16%	7%	3%	6%	-2%	12%	-25%	16%	15%	4%
1927	Wet	-90%	58%	55%	4%	-5%	-1%	-2%	-2%	-34%	25%	3%	3%
1928	Above Normal	3%	3%	3%	-2%	-2%	-1%	0%	1%	-98%	18%	18%	18%
1929	Critical	16%	17%	16%	-2%	1%	10%	35%	22%	-98%	-96%	-96%	-97%
1930	Dry	-97%	-99%	530%	29%	8%	10%	-2%	-4%	-98%	17%	18%	18%
1931	Critical	21%	25%	25%	19%	11%	12%	-3%	-3%	-3%	-70%	-97%	-98%
1932	Dry	-98%	-80%	412%	8%	1%	6%	1%	0%	25%	33%	4%	2%
1933	Critical	5%	6%	6%	16%	5%	-9%	-3%	-3%	-2%	-4%	-7%	-98%
1934	Critical	-30%	-12%	100%	7%	14%	14%	6%	6%	5%	-86%	0%	0%
1935	Below Normal	-67%	-1%	73%	18%	5%	5%	3%	-36%	51%	-9%	19%	20%
1936	Below Normal	19%	19%	19%	2%	-3%	-18%	3%	1%	23%	27%	1%	1%
1937	Below Normal	1%	1%	1%	1%	-1%	15%	-1%	-1%	24%	22%	2%	0%
1938	Wet	0%	0%	-1%	-16%	-26%	3%	-2%	-11%	-2%	-3%	7%	21%
1939	Dry	-2%	-2%	-2%	-1%	1%	-3%	-10%	2%	>1,000%	1%	-6%	0%
1940	Above Normal	0%	-84%	25%	-28%	-15%	-2%	0%	0%	42%	1%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-7%	0%	0%	29%	28%	2%	0%
1942	Wet	0%	0%	0%	17%	0%	-1%	0%	0%	26%	27%	0%	0%
1943	Wet	0%	0%	0%	1%	2%	3%	2%	0%	24%	21%	3%	0%
1944	Dry	0%	0%	0%	-12%	-11%	-6%	0%	0%	0%	0%	0%	0%
1945	Below Normal	-1%	-1%	-1%	0%	0%	-13%	0%	0%	26%	24%	0%	0%
1946	Below Normal	0%	0%	2%	0%	0%	0%	0%	0%	31%	4%	0%	0%
1947	Dry	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-3%	-2%	-1%	0%	7%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-4%	-3%	-1%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	-17%	19%	0%	0%	0%	28%	23%	0%	0%
1952	Wet	0%	0%	0%	-2%	0%	0%	0%	-4%	26%	27%	-5%	-5%
1953	Wet	-5%	-5%	10%	13%	-7%	-13%	-20%	-2%	33%	0%	-1%	-2%
1954	Above Normal	0%	0%	1%	7%	6%	4%	1%	1%	7%	-1%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-1%	-25%	0%	0%	0%	0%	21%	26%	0%	0%
1957	Above Normal	0%	0%	0%	-4%	0%	0%	0%	1%	>1,000%	1%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	21%	19%	6%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-1%	-3%	-3%	0%	1%	0%	0%
1960	Dry	0%	0%	0%	-2%	-1%	1%	0%	0%	19%	-2%	10%	-3%
1961	Dry	-2%	-2%	-2%	7%	5%	2%	0%	0%	0%	0%	3%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	>1,000%	1%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	31%	21%	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%	32%	21%	1%	1%
1966	Below Normal	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	24%	25%	0%	0%
1968	Below Normal	0%	0%	0%	-8%	0%	-5%	5%	2%	31%	6%	2%	2%
1969	Wet	0%	0%	-1%	-10%	-7%	0%	-1%	-1%	26%	-1%	18%	5%
1970	Wet	-1%	-1%	-1%	-25%	-1%	0%	0%	0%	24%	24%	4%	0%
1971	Wet	0%	0%	0%	17%	-23%	1%	0%	0%	-5%	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%	25%	24%	0%	0%
1974	Wet	0%	0%	0%	16%	31%	-10%	6%	-1%	26%	22%	-1%	-1%
1975	Wet	-1%	-1%	-1%	-3%	-3%	-4%	1%	1%	27%	25%	1%	1%
1976	Critical	1%	1%	1%	1%	1%	0%	-1%	-1%	0%	-1%	3%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	92%	0%	0%	0%	0%	0%
1978	Above Normal	0%	168%	-1%	0%	0%	-2%	0%	6%	31%	27%	10%	6%
1979	Below Normal	1%	1%	-1%	-18%	-15%	7%	1%	1%	30%	24%	1%	1%
1980	Above Normal	1%	1%	1%	-2%	4%	-2%	-5%	-4%	23%	18%	0%	-5%
1981	Dry	-4%	-4%	-4%	-1%	-3%	8%	3%	3%	>1,000%	0%	-8%	1%
1982	Wet	1%	1%	1%	0%	0%	0%	0%	0%	20%	22%	1%	1%
1983	Wet	1%	1%	0%	0%	0%	0%	0%	0%	32%	0%	22%	7%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	27%	23%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-34%	0%	0%	17%	27%	5%	0%
1987	Dry	0%	0%	0%	9%	0%	0%	-4%	-4%	-4%	-4%	-4%	-4%
1988	Critical	-4%	-4%	-4%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	-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%	0%	0%	0%	0%	0%	0%	90%	18%	0%	0%
1994	Critical	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	-1%	0%	0%	0%	0%	0%	21%	0%	17%	5%
1996	Wet	0%	0%	0%	-47%	-39%	-20%	-2%	-2%	8%	19%	17%	-2%
1997	Wet	-2%	-2%	-2%	-7%	-1%	0%	0%	0%	27%	27%	1%	0%
1998	Wet	0%	0%	0%	1%	35%	-5%	0%	-3%	23%	-4%	14%	1%
1999	Wet	5%	-4%	6%	13%	3%	-9%	0%	0%	21%	21%	8%	0%
2000	Above Normal	0%	0%	0%	0%	1%	-1%	0%	1%	22%	9%	1%	1%
2001	Dry	0%	0%	0%	-10%	-8%	-2%	1%	1%	1%	1%	1%	1%
2002	Dry	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	17%	-6%	5%	3%	1%	0%	0%	0%	0%	0%	0%
	Average	-4%	3%	22%	1%	1%	0%	2%	-1%	8%	5%	-1%	-3%
	Wet	-3%	2%	3%	-2%	-2%	-4%	-1%	-1%	20%	17%	5%	1%
	Above Normal	0%	9%	2%	-1%	1%	0%	0%	1%	17%	14%	3%	2%
	Below Normal	-3%	2%	7%	0%	1%	1%	3%	-9%	11%	10%	3%	3%
	Dry	-13%	1%	80%	4%	1%	1%	-2%	0%	-6%	3%	1%	0%
	Critical	3%	4%	15%	8%	7%	4%	12%	3%	-12%	-29%	-25%	-33%

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: Alternative3_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	8.92	8.45	7.56	7.14	87.49
1923	Below Normal	6.92	6.26	5.55	10.20	9.71	11.74	8.14	0.17	2.44	10.04	9.80	9.41	90.38
1924	Critical	8.09	7.38	6.29	4.49	4.84	3.32	4.57	6.19	2.74	0.23	0.22	0.16	48.52
1925	Dry	2.36	6.83	11.02	1.25	2.00	2.61	5.38	6.87	6.89	6.60	7.38	7.13	66.32
1926	Dry	5.56	5.07	4.20	1.55	2.27	3.26	5.04	7.82	5.28	7.76	8.68	7.61	64.10
1927	Wet	0.58	8.31	6.69	1.72	3.16	6.07	6.90	7.05	5.08	8.85	8.03	7.57	70.01
1928	Above Normal	7.38	6.69	6.06	8.10	8.15	5.02	7.06	7.29	0.17	8.32	9.05	8.55	81.84
1929	Critical	8.14	7.43	6.70	7.62	7.61	4.32	4.32	5.88	0.16	0.23	0.22	0.16	52.79
1930	Dry	0.03	0.00	10.28	1.17	1.92	2.38	5.04	6.52	0.19	7.36	7.90	7.67	50.46
1931	Critical	5.62	5.00	4.16	1.37	2.03	2.24	4.43	5.98	6.11	1.69	0.23	0.15	39.01
1932	Dry	0.02	0.49	10.93	1.17	2.26	2.88	4.97	6.35	7.96	8.01	6.93	6.61	58.58
1933	Critical	5.14	4.68	3.87	1.41	2.03	2.36	5.03	6.83	7.02	6.06	5.95	0.21	50.59
1934	Critical	2.83	2.88	5.47	1.19	1.83	2.41	5.20	7.00	7.15	0.92	0.22	0.16	37.26
1935	Below Normal	0.85	8.18	11.01	1.23	2.12	2.76	6.52	5.26	2.50	7.86	11.33	11.08	70.70
1936	Below Normal	8.56	7.84	6.46	1.53	2.72	5.89	7.43	7.64	9.72	9.38	8.26	7.79	83.22
1937	Below Normal	7.59	6.89	6.23	8.92	8.72	10.74	6.81	7.08	9.25	8.57	8.00	7.33	96.13
1938	Wet	7.09	6.43	5.75	8.02	7.27	12.62	6.18	6.46	7.44	6.42	8.74	8.54	90.96
1939	Dry	6.71	6.06	5.31	8.32	6.44	11.29	6.54	7.87	2.48	8.48	3.93	10.11	83.54
1940	Above Normal	8.16	0.44	10.53	0.79	1.42	3.51	6.28	8.25	7.80	8.24	9.15	8.85	73.42
1941	Wet	6.94	6.34	5.21	2.89	3.75	9.59	5.69	6.03	8.15	7.65	6.98	6.46	75.68
1942	Wet	6.22	5.62	4.95	8.37	9.71	11.65	7.82	6.51	8.67	8.21	7.23	6.82	91.78
1943	Wet	6.63	6.00	5.36	8.52	9.93	8.27	7.56	7.40	9.55	8.83	8.39	7.70	94.14
1944	Dry	7.47	6.78	6.06	6.95	6.74	4.19	5.11	6.67	6.69	6.29	6.86	6.65	76.46
1945	Below Normal	4.92	4.36	3.63	1.49	2.28	10.64	7.02	7.23	9.52	8.78	7.82	7.37	75.06
1946	Below Normal	7.18	6.51	6.34	9.63	6.77	6.70	6.63	6.83	9.29	6.93	7.48	7.06	87.35
1947	Dry	6.87	6.23	5.60	8.43	8.84	5.13	6.86	7.93	8.09	7.66	8.47	8.13	88.24
1948	Below Normal	7.01	6.40	5.51	4.61	4.73	2.91	4.94	4.55	0.18	8.59	9.48	9.21	68.12
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	1.89	2.26	2.51	5.74	7.32	0.17	8.38	9.24	8.96	65.35
1951	Above Normal	6.95	6.36	5.25	9.64	11.02	11.59	6.49	7.02	9.40	8.46	7.68	7.26	97.12
1952	Wet	7.07	6.41	5.76	9.12	9.18	6.46	5.41	5.55	7.62	7.30	6.35	5.99	82.22
1953	Wet	5.77	5.18	8.66	10.30	8.79	10.23	6.77	6.59	9.09	6.51	7.24	6.90	92.03
1954	Above Normal	6.33	5.74	5.03	6.55	6.88	6.10	6.38	8.16	8.12	6.85	8.92	8.64	83.70
1955	Dry	6.79	6.19	5.09	1.80	2.78	3.28	5.24	6.72	6.71	6.45	7.23	6.99	65.27
1956	Wet	5.45	4.96	4.09	7.33	9.46	11.87	7.41	7.68	9.72	9.48	8.43	7.97	93.85
1957	Above Normal	7.77	7.04	6.31	9.81	9.75	5.95	5.24	3.28	2.50	8.09	8.79	8.54	83.07
1958	Wet	6.58	6.01	4.96	1.91	4.47	10.62	7.36	7.64	9.66	8.99	8.99	8.01	85.20
1959	Below Normal	7.79	7.05	6.26	8.49	8.55	9.76	5.89	7.49	0.19	8.34	9.24	8.95	88.00
1960	Dry	6.96	6.35	5.24	1.38	1.82	2.60	6.79	8.52	3.77	8.69	5.30	10.09	67.51
1961	Dry	8.04	7.35	6.11	2.23	2.77	2.58	5.71	7.28	7.32	6.99	5.46	2.21	64.05
1962	Below Normal	0.02	5.50	10.84	0.76	1.30	3.27	5.78	7.43	2.48	8.58	9.40	9.12	64.48
1963	Wet	7.08	6.47	5.34	3.85	4.56	5.75	6.49	6.74	9.25	8.02	7.38	6.97	77.90
1964	Dry	6.79	6.14	6.98	7.89	5.02	5.41	7.01	7.03	7.39	6.91	7.65	7.20	81.42
1965	Wet	7.04	6.37	5.75	7.80	8.19	6.34	6.39	6.60	8.46	7.82	7.26	6.86	84.88
1966	Below Normal	6.55	5.92	5.29	8.33	8.70	6.50	6.11	7.61	6.60	7.37	8.45	8.13	85.56
1967	Wet	6.58	5.99	4.95	2.40	4.98	6.01	6.98	7.14	9.30	8.81	7.87	7.43	78.44
1968	Below Normal	7.21	6.53	5.84	7.69	10.18	10.05	7.32	7.18	9.38	7.17	7.90	7.59	94.04
1969	Wet	6.42	5.83	4.92	5.12	10.26	12.21	6.33	6.61	8.76	6.57	8.90	7.50	89.43
1970	Wet	6.94	6.09	5.43	6.84	10.27	12.12	6.55	7.04	9.12	8.50	7.97	7.26	94.13
1971	Wet	7.08	6.41	5.77	9.92	7.62	7.85	5.84	7.55	7.05	7.27	8.32	8.03	88.71
1972	Below Normal	6.35	5.79	4.75	2.16	3.99	5.27	6.28	7.70	7.76	7.39	8.37	8.06	73.87
1973	Above Normal	6.61	6.02	5.03	3.10	5.71	6.64	6.82	7.26	9.53	8.81	7.87	7.43	80.83
1974	Wet	7.24	6.56	5.92	9.90	9.60	8.92	7.52	7.01	9.38	8.48	7.74	7.32	95.59
1975	Wet	7.12	6.43	5.75	9.47	9.48	8.38	7.11	7.17	9.49	8.66	7.73	7.30	94.09
1976	Critical	7.09	6.43	5.83	8.32	8.72	5.11	5.92	7.61	0.23	8.28	4.57	9.70	77.81
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	7.52	0.81	2.41	4.80	6.37	6.85	8.94	8.12	7.76	7.04	60.65
1979	Below Normal	6.52	5.90	5.22	6.77	7.05	7.08	6.85	6.91	9.35	8.31	7.51	7.09	84.56
1980	Above Normal	6.88	6.23	5.62	8.32	9.35	11.94	5.97	6.28	8.42	7.69	7.43	6.68	90.81
1981	Dry	6.45	5.82	5.15	9.59	9.69	7.14	5.93	7.76	2.52	8.66	7.36	9.61	85.68
1982	Wet	7.43	6.79	5.59	3.59	4.38	12.10	7.71	7.33	9.24	8.81	8.26	7.79	89.02
1983	Wet	7.56	7.03	11.26	9.83	9.27	12.21	5.11	5.40	7.80	5.43	7.44	6.38	94.72
1984	Wet	6.49	5.90	11.26	9.03	9.57	12.22	6.55	7.12	9.44	8.60	7.78	7.36	101.32
1985	Dry	7.16	6.50	6.57	9.53	8.99	7.54	6.53	6.71	7.07	6.60	7.28	6.86	87.34
1986	Wet	6.68	6.06	5.48	8.16	7.93	7.67	7.21	7.29	8.97	9.11	8.49	7.62	90.67
1987	Dry	7.39	6.70	5.96	10.56	9.69	5.41	4.91	6.64	6.80	5.85	5.77	5.63	81.31
1988	Critical	3.50	2.72	2.26	1.04	1.85	1.75	3.38	4.51	4.63	4.02	3.93	3.82	37.41
1989	Dry	2.32	1.76	1.49	0.90	1.59	1.74	6.60	8.56	4.11	8.65	7.58	9.74	55.04
1990	Critical	7.60	6.95	5.72	1.46	2.04	2.22	4.41	5.94	6.10	5.26	5.17	5.04	57.91
1991	Critical	3.10	2.39	2.00	0.99	1.50	1.72	3.44	4.05	1.27	4.85	4.68	4.58	34.57
1992	Critical	2.73	1.78	1.90	0.90	1.43	1.60	3.39	4.52	4.63	0.22	0.22	1.61	24.93
1993	Above Normal	5.62	0.00	7.69	0.89	3.70	4.99	6.39	7.18	4.54	8.82	8.39	8.01	66.22
1994	Critical	7.09	6.46	5.59	5.56	5.86	4.21	5.41	6.90	4.65	6.87	0.26	6.48	65.34
1995	Wet	0.02	1.50	10.97	0.75	3.31	4.53	7.47	7.53	9.54	7.44	9.67	8.21	70.94
1996	Wet	7.60	6.89	6.17	4.81	5.67	6.16	7.01	7.04	8.10	8.35	9.12	7.23	84.15
1997	Wet	7.05	6.39	5.76	8.88	7.99	11.82	6.43	6.69	8.83	8.33	7.49	7.04	92.70
1998	Wet	6.82	6.17	5.49	9.65	9.77	9.05	6.37	6.47	8.61	6.44	8.65	7.25	90.74
1999	Wet	7.37	6.75	7.37	10.39	6.93	9.30	6.56	7.05	8.93	8.35	8.37	7.30	94.67
2000	Above Normal	7.11	6.45	5.80	9.02	8.70	6.41	6.48	8.07	9.80	8.44	8.71	8.40	93.39
2001	Dry	6.79	6.20	5.18	2.48	2.80	2.67	5.18	7.07	7.22	6.26	6.17	6.01	64.03
2002	Dry	3.71	2.91	2.41	1.42	2.68	3.46	7.14	7.15	7.49	7.03	7.68	7.22	60.30
2003	Above Normal	7.02	2.81	7.47	1.76	2.81	3.44	5.40	6.92	0.13	7.96	8.74	8.48	62.94
	Average	6.07	5.62	6.08	5.22	5.73	6.35	6.09	6.70	6.50	7.22	7.11	6.93	75.63
	Wet	6.34	6.11	6.33	6.87	7.52	9.23	6.72	6.87	8.66	7.97	8.03	7.34	88.00
	Above Normal	6.82	4.83	6.74	5.12	6.11	6.30	6.29	6.94	6.52	8.19	8.34	7.92	80.12
	Below Normal	6.03	6.39	6.32	5.26	5.65	6.84	6.53	6.46	5.63	8.26	8.73	8.37	80.49
	Dry	5.48	5.22	6.05	4.34	4.48	4.25	5.94	7.29	5.89	7.32	7.00	7.41	70.67
	Critical	5.70	5.08	4.62	2.98	3.47	2.76	4.22	5.46	3.74	3.24	2.16	2.69	46.11

Difference in Energy generated (GWh) at Mojave Dam: Alternative3_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	2.01	1.97	0.34	0.32	0.47
1923	Below Normal	0.30	0.27	0.17	1.65	2.22	2.77	2.15	(7.18)	(4.91)	2.99	1.72	1.63	0.32
1924	Critical	1.65	1.53	1.40	1.61	1.60	0.61	0.61	0.86	(2.73)	(4.49)	(4.41)	(4.35)	(0.51)
1925	Dry	(0.39)	4.71	9.24	0.29	0.48	(0.53)	(0.78)	(1.27)	(1.25)	(1.19)	(1.38)	(1.34)	0.55
1926	Dry	(1.09)	(1.01)	(0.81)	0.10	0.06	0.18	(0.08)	0.81	(1.75)	1.04	1.11	0.30	(0.10)
1927	Wet	(5.16)	3.09	2.38	0.07	(0.18)	(0.06)	(0.15)	(0.17)	(2.50)	1.76	0.23	0.22	(0.04)
1928	Above Normal	0.21	0.19	0.17	(0.19)	(0.15)	(0.07)	(0.02)	0.10	(7.36)	1.28	1.36	1.30	(0.27)
1929	Critical	1.15	1.07	0.93	(0.18)	0.05	0.38	1.06	1.04	(4.80)	(4.07)	(4.00)	(3.76)	(0.93)
1930	Dry	(2.52)	(1.95)	8.64	0.26	0.15	0.21	(0.12)	(0.26)	(6.71)	1.04	1.17	1.14	0.09
1931	Critical	1.00	1.00	0.82	0.22	0.21	0.24	(0.15)	(0.21)	(0.21)	(3.78)	(5.14)	(5.00)	(0.92)
1932	Dry	(3.02)	(2.09)	8.79	0.09	0.03	0.17	0.05	0.00	1.57	1.96	0.25	0.14	0.66
1933	Critical	0.24	0.27	0.21	0.19	0.10	(0.23)	(0.13)	(0.18)	(0.16)	(0.27)	(0.47)	(6.05)	(0.54)
1934	Critical	(1.25)	(0.41)	2.72	0.08	0.22	0.30	0.29	0.36	0.37	(4.94)	0.00	0.00	(0.19)
1935	Below Normal	(1.72)	(0.08)	4.65	0.18	0.09	0.13	0.19	(2.91)	0.80	(0.73)	1.78	1.83	0.35
1936	Below Normal	1.38	1.25	1.03	0.03	(0.09)	(1.45)	0.40	0.10	1.81	1.98	0.11	0.11	0.56
1937	Below Normal	0.10	0.09	0.08	0.09	(0.19)	1.50	(0.06)	(0.05)	1.76	1.53	0.18	(0.02)	0.42
1938	Wet	(0.02)	(0.03)	(0.04)	(1.45)	(2.52)	0.41	(0.13)	(0.79)	(0.17)	(0.22)	0.58	1.46	(0.24)
1939	Dry	(0.12)	(0.11)	(0.11)	(0.10)	0.04	(0.39)	(0.71)	0.12	2.29	0.05	(0.24)	(0.04)	0.06
1940	Above Normal	0.01	(2.69)	2.13	(0.30)	(0.25)	(0.06)	(0.01)	0.00	2.27	0.07	0.00	0.00	0.10
1941	Wet	0.00	0.00	(0.01)	0.00	0.00	(0.70)	0.00	0.00	1.82	1.65	0.13	0.00	0.24
1942	Wet	0.00	0.00	0.00	1.21	0.04	(0.08)	0.01	(0.02)	1.80	1.75	(0.03)	(0.03)	0.39
1943	Wet	(0.03)	(0.02)	(0.01)	0.08	0.16	0.24	0.17	0.00	1.81	1.54	0.22	(0.01)	0.35
1944	Dry	(0.02)	(0.01)	0.00	(0.95)	(0.85)	(0.29)	0.00	0.02	0.02	0.01	(0.01)	(0.01)	(0.17)
1945	Below Normal	(0.03)	(0.04)	(0.03)	(0.01)	0.00	(1.52)	0.01	0.01	1.93	1.68	0.01	0.01	0.17
1946	Below Normal	0.01	0.01	0.10	0.00	0.00	0.03	0.03	0.04	2.17	0.25	0.04	0.03	0.23
1947	Dry	0.03	0.03	0.02	0.06	0.01	0.00	(0.01)	0.03	0.02	0.03	0.03	0.03	0.02
1948	Below Normal	0.00	0.01	(0.01)	(0.13)	(0.12)	(0.05)	0.01	0.29	0.00	0.00	0.00	0.01	0.00
1949	Dry	0.01	0.00	0.00	(0.01)	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.00
1950	Below Normal	0.00	0.00	0.00	(0.08)	(0.08)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1951	Above Normal	0.00	0.00	0.00	(1.92)	1.74	0.00	0.00	0.00	2.03	1.57	0.00	0.00	0.29
1952	Wet	0.00	0.00	0.00	(0.14)	0.00	0.00	0.00	(0.23)	1.58	1.52	(0.35)	(0.32)	0.17
1953	Wet	(0.29)	(0.27)	0.75	1.17	(0.71)	(1.47)	(1.60)	(0.15)	2.24	0.01	(0.10)	(0.11)	(0.04)
1954	Above Normal	(0.01)	(0.01)	0.03	0.42	0.36	0.23	0.05	0.06	0.55	(0.10)	0.03	0.04	0.14
1955	Dry	0.04	0.03	0.02	0.00	0.00	(0.01)	(0.04)	(0.06)	(0.06)	(0.05)	(0.06)	(0.06)	(0.02)
1956	Wet	(0.05)	(0.04)	(0.04)	(2.37)	0.01	0.00	0.01	0.01	1.67	1.94	0.01	0.01	0.10
1957	Above Normal	0.01	0.00	0.00	(0.36)	0.00	(0.01)	0.00	0.04	2.30	0.07	0.00	0.00	0.17
1958	Wet	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	1.65	1.45	0.49	0.00	0.30
1959	Below Normal	0.00	0.00	0.00	(0.02)	(0.02)	(0.11)	(0.15)	(0.20)	0.00	0.05	0.01	0.02	(0.03)
1960	Dry	(0.01)	(0.01)	0.00	(0.02)	(0.03)	0.02	0.01	(0.02)	0.59	(0.15)	0.49	(0.30)	0.05
1961	Dry	(0.17)	(0.16)	(0.12)	0.15	0.13	0.05	0.01	0.02	0.02	0.01	0.16	(0.01)	0.01
1962	Below Normal	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	2.30	0.07	0.00	0.00	0.20
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.19	1.40	0.00	0.00	0.30
1964	Dry	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00
1965	Wet	0.00	0.00	0.00	0.03	0.01	(0.03)	0.00	0.02	2.04	1.34	0.04	0.04	0.29
1966	Below Normal	0.03	0.02	0.02	(0.05)	(0.05)	(0.02)	0.00	0.00	(0.01)	0.00	0.01	0.00	0.00
1967	Wet	0.00	0.00	0.00	(0.01)	0.00	0.00	0.01	0.00	1.81	1.77	(0.01)	(0.01)	0.30
1968	Below Normal	(0.01)	(0.01)	(0.01)	(0.62)	0.00	(0.51)	0.34	0.16	2.22	0.39	0.18	0.19	0.19
1969	Wet	0.02	0.02	(0.03)	(0.59)	(0.75)	0.00	(0.05)	(0.05)	1.77	(0.04)	1.33	0.35	0.17
1970	Wet	(0.05)	(0.04)	(0.05)	(2.26)	(0.06)	0.03	0.00	0.02	1.75	1.62	0.30	0.02	0.11
1971	Wet	0.02	0.02	0.02	1.42	(2.31)	0.08	(0.02)	(0.03)	(0.36)	0.01	0.00	0.01	(0.10)
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00
1973	Above Normal	0.00	(0.01)	(0.01)	0.01	0.01	0.05	(0.04)	0.00	1.89	1.70	0.00	0.01	0.30
1974	Wet	0.00	0.00	0.00	1.38	2.23	(0.99)	0.43	(0.05)	1.95	1.53	(0.08)	(0.07)	0.53
1975	Wet	(0.07)	(0.06)	(0.04)	(0.27)	(0.27)	(0.33)	0.07	0.08	2.03	1.71	0.08	0.08	0.25
1976	Critical	0.08	0.07	0.06	0.09	0.07	0.02	(0.03)	(0.05)	0.00	(0.05)	0.11	(0.09)	0.02
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	(0.02)	0.00	0.01	(0.10)	(0.01)	0.35	2.11	1.73	0.71	0.41	0.43
1979	Below Normal	0.07	0.07	(0.05)	(1.52)	(1.44)	0.45	0.28	0.06	2.14	1.57	0.05	0.05	0.14
1980	Above Normal	0.05	0.05	0.05	(0.18)	0.36	(0.27)	(0.31)	(0.26)	1.55	1.17	0.00	(0.32)	0.16
1981	Dry	(0.31)	(0.28)	(0.22)	(0.10)	(0.23)	0.56	0.14	0.20	2.29	0.01	(0.63)	0.09	0.13
1982	Wet	0.08	0.08	0.06	0.02	0.02	(0.01)	0.01	0.00	1.55	1.58	0.05	0.04	0.29
1983	Wet	(0.06)	0.13	0.00	0.00	(0.03)	0.00	0.00	0.00	1.83	0.00	1.38	0.39	0.30
1984	Wet	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	1.99	1.61	0.00	0.00	0.30
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(4.16)	0.20	0.01	1.31	1.91	0.39	0.01	(0.03)
1987	Dry	0.01	0.00	0.00	0.86	0.00	0.01	(0.18)	(0.25)	(0.27)	(0.23)	(0.23)	(0.22)	(0.04)
1988	Critical	(0.14)	(0.11)	(0.09)	(0.02)	(0.02)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.09)	0.00	(0.52)	0.10	(0.04)
1990	Critical	0.06	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.17)	(0.01)	0.03	0.02	0.02	(0.01)
1992	Critical	0.01	(0.17)	0.12	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.04)	(0.01)
1993	Above Normal	(0.07)	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.01	2.12	1.33	0.03	0.03	0.29
1994	Critical	0.01	0.01	0.01	(0.04)	(0.04)	(0.01)	0.00	0.00	0.02	0.00	0.04	0.00	0.00
1995	Wet	0.00	0.00	(0.10)	0.00	0.00	0.00	0.00	0.00	1.64	0.02	1.39	0.41	0.28
1996	Wet	0.01	0.01	0.01	(4.28)	(3.69)	(1.59)	(0.12)	(0.12)	0.58	1.32	1.32	(0.12)	(0.56)
1997	Wet	(0.11)	(0.11)	(0.10)	(0.68)	(0.11)	(0.01)	0.01	0.01	1.84	1.75	0.05	0.01	0.21
1998	Wet	0.02	0.01	0.01	0.08	2.51	(0.47)	0.00	(0.24)	1.57	(0.25)	1.02	0.07	0.36
1999	Wet	0.46	(0.37)	0.43	1.17	0.18	(0.88)	(0.03)	0.02	1.57	1.42	0.65	0.01	0.39
2000	Above Normal	0.02	0.02	0.01	0.04	0.05	(0.04)	(0.01)	0.06	1.74	0.71	0.06	0.06	0.23
2001	Dry	0.00	0.00	(0.02)	(0.28)	(0.25)	(0.06)	0.04	0.06	0.05	0.05	0.05	0.04	(0.03)
2002	Dry	0.03	0.03	0.02	0.01	0.00	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)	0.00
2003	Above Normal	(0.03)	0.43	(0.45)	0.08	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01
	Average	(0.12)	0.05	0.52	(0.07)	(0.01)	(0.10)	0.03	(0.12)	0.58	0.44	0.02	(0.14)	0.09
	Wet	(0.20)	0.09	0.12	(0.21)	(0.21)	(0.39)	(0.05)	(0.06)	1.42	1.16	0.35	0.09	0.18
	Above Normal	0.02	(0.17)	0.16	(0.15)	0.19	(0.02)	(0.02)	0.04	0.93	0.96	0.21	0.15	0.19
	Below Normal	0.01	0.11	0.42	(0.03)	0.02	0.09	0.23	(0.69)	0.73	0.70	0.29	0.28	0.18
	Dry	(0.42)	(0.05)	1.41	0.02	(0.03)	(0.00)	(0.09)	(0.03)	(0.18)	0.14	0.01	(0.01)	0.07
	Critical	0.23	0.27	0.51	0.16	0.18	0.11	0.17	0.14	(0.63)	(1.46)	(1.15)	(1.61)	(0.26)

Percent Difference in Energy generated (GWh) at Mojave Dam: Alternative3_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%	29%	30%	5%	5%
1923	Below Normal	5%	5%	3%	19%	30%	31%	36%	-98%	-67%	42%	21%	21%
1924	Critical	26%	26%	29%	56%	49%	23%	15%	16%	-50%	-95%	-95%	-96%
1925	Dry	-14%	222%	519%	30%	32%	-17%	-13%	-16%	-15%	-15%	-16%	-16%
1926	Dry	-16%	-17%	-16%	7%	3%	6%	-2%	12%	-25%	15%	15%	4%
1927	Wet	-90%	59%	55%	4%	-5%	-1%	-2%	-2%	-33%	25%	3%	3%
1928	Above Normal	3%	3%	3%	-2%	-2%	-1%	0%	1%	-98%	18%	18%	18%
1929	Critical	16%	17%	16%	-2%	1%	10%	33%	21%	-97%	-95%	-95%	-96%
1930	Dry	-99%	-100%	527%	29%	8%	10%	-2%	-4%	-97%	16%	17%	17%
1931	Critical	22%	25%	25%	19%	12%	12%	-3%	-3%	-3%	-69%	-96%	-97%
1932	Dry	-99%	-81%	411%	8%	1%	6%	1%	0%	25%	32%	4%	2%
1933	Critical	5%	6%	6%	16%	5%	-9%	-3%	-3%	-2%	-4%	-7%	-97%
1934	Critical	-31%	-12%	99%	7%	14%	14%	6%	5%	5%	-84%	0%	0%
1935	Below Normal	-67%	-1%	73%	17%	4%	5%	3%	-36%	47%	-8%	19%	20%
1936	Below Normal	19%	19%	19%	2%	-3%	-20%	6%	1%	23%	27%	1%	1%
1937	Below Normal	1%	1%	1%	1%	-2%	16%	-1%	-1%	23%	22%	2%	0%
1938	Wet	0%	0%	-1%	-15%	-26%	3%	-2%	-11%	-2%	-3%	7%	21%
1939	Dry	-2%	-2%	-2%	-1%	1%	-3%	-10%	2%	>1,000%	1%	-6%	0%
1940	Above Normal	0%	-86%	25%	-28%	-15%	-2%	0%	0%	41%	1%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-7%	0%	0%	29%	28%	2%	0%
1942	Wet	0%	0%	0%	17%	0%	-1%	0%	0%	26%	27%	0%	0%
1943	Wet	0%	0%	0%	1%	2%	3%	2%	0%	23%	21%	3%	0%
1944	Dry	0%	0%	0%	-12%	-11%	-6%	0%	0%	0%	0%	0%	0%
1945	Below Normal	-1%	-1%	-1%	-1%	0%	-13%	0%	0%	25%	24%	0%	0%
1946	Below Normal	0%	0%	2%	0%	0%	0%	0%	1%	30%	4%	1%	0%
1947	Dry	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-3%	-2%	-2%	0%	7%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-4%	-3%	-1%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	-17%	19%	0%	0%	0%	28%	23%	0%	0%
1952	Wet	0%	0%	0%	-2%	0%	0%	0%	-4%	26%	26%	-5%	-5%
1953	Wet	-5%	-5%	9%	13%	-7%	-13%	-19%	-2%	33%	0%	-1%	-2%
1954	Above Normal	0%	0%	1%	7%	6%	4%	1%	1%	7%	-1%	0%	0%
1955	Dry	1%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-1%	-24%	0%	0%	0%	0%	21%	26%	0%	0%
1957	Above Normal	0%	0%	0%	-4%	0%	0%	0%	1%	>1,000%	1%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	21%	19%	6%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-1%	-2%	-3%	0%	1%	0%	0%
1960	Dry	0%	0%	0%	-1%	-2%	1%	0%	0%	19%	-2%	10%	-3%
1961	Dry	-2%	-2%	-2%	7%	5%	2%	0%	0%	0%	0%	3%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	>1,000%	1%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	31%	21%	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%	32%	21%	1%	1%
1966	Below Normal	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	24%	25%	0%	0%
1968	Below Normal	0%	0%	0%	-7%	0%	-5%	5%	2%	31%	6%	2%	3%
1969	Wet	0%	0%	-1%	-10%	-7%	0%	-1%	-1%	25%	-1%	18%	5%
1970	Wet	-1%	-1%	-1%	-25%	-1%	0%	0%	0%	24%	24%	4%	0%
1971	Wet	0%	0%	0%	17%	-23%	1%	0%	0%	-5%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	1%	-1%	0%	25%	24%	0%	0%
1974	Wet	0%	0%	0%	16%	30%	-10%	6%	-1%	26%	22%	-1%	-1%
1975	Wet	-1%	-1%	-1%	-3%	-3%	-4%	1%	1%	27%	25%	1%	1%
1976	Critical	1%	1%	1%	1%	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%	0%	0%	0%	-2%	0%	5%	31%	27%	10%	6%
1979	Below Normal	1%	1%	-1%	-18%	-17%	7%	4%	1%	30%	23%	1%	1%
1980	Above Normal	1%	1%	1%	-2%	4%	-2%	-5%	-4%	23%	18%	0%	-5%
1981	Dry	-5%	-5%	-4%	-1%	-2%	9%	2%	3%	996%	0%	-8%	1%
1982	Wet	1%	1%	1%	1%	0%	0%	0%	0%	20%	22%	1%	1%
1983	Wet	-1%	2%	0%	0%	0%	0%	0%	0%	31%	0%	23%	7%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	27%	23%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-35%	3%	0%	17%	27%	5%	0%
1987	Dry	0%	0%	0%	9%	0%	0%	-4%	-4%	-4%	-4%	-4%	-4%
1988	Critical	-4%	-4%	-4%	-2%	-1%	-1%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	-6%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-4%	-1%	1%	0%	0%
1992	Critical	0%	-9%	7%	0%	0%	-1%	0%	0%	0%	0%	0%	-2%
1993	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	88%	18%	0%	0%
1994	Critical	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	18%	0%
1995	Wet	0%	0%	-1%	0%	0%	0%	0%	0%	21%	0%	17%	5%
1996	Wet	0%	0%	0%	-47%	-39%	-21%	-2%	-2%	8%	19%	17%	-2%
1997	Wet	-2%	-2%	-2%	-7%	-1%	0%	0%	0%	26%	27%	1%	0%
1998	Wet	0%	0%	0%	1%	35%	-5%	0%	-4%	22%	-4%	13%	1%
1999	Wet	7%	-5%	6%	13%	3%	-9%	0%	0%	21%	20%	8%	0%
2000	Above Normal	0%	0%	0%	0%	1%	-1%	0%	1%	22%	9%	1%	1%
2001	Dry	0%	0%	0%	-10%	-8%	-2%	1%	1%	1%	1%	1%	1%
2002	Dry	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	18%	-6%	5%	3%	1%	0%	0%	0%	0%	0%	0%
	Average	-4%	1%	22%	1%	1%	0%	1%	-1%	20%	5%	-1%	-3%
	Wet	-4%	2%	3%	-2%	-2%	-4%	-1%	-1%	20%	17%	5%	1%
	Above Normal	0%	-5%	2%	-1%	1%	0%	0%	1%	16%	14%	3%	2%
	Below Normal	-3%	2%	7%	0%	0%	1%	4%	-9%	10%	10%	3%	3%
	Dry	-13%	1%	80%	4%	1%	0%	-1%	0%	50%	2%	1%	0%
	Critical	3%	4%	15%	8%	7%	4%	9%	3%	-12%	-29%	-23%	-32%

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: Alternative3_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	122.46	72.44	118.67	44.42	42.74	72.37	95.81	114.21	124.57	119.65	69.89	34.18	1,031.41
1925	Dry	21.09	20.36	21.42	36.66	19.50	19.91	63.41	95.00	204.86	342.92	176.94	168.54	1,190.61
1926	Dry	59.26	26.93	42.77	18.39	18.24	44.51	48.33	183.28	245.40	355.97	229.13	81.59	1,353.80
1927	Wet	26.20	40.11	112.37	20.06	76.35	238.14	223.48	228.22	165.78	425.43	342.72	358.01	2,256.87
1928	Above Normal	122.20	71.87	89.12	45.02	121.79	267.21	87.02	126.14	259.94	424.38	316.68	264.64	2,196.01
1929	Critical	112.43	32.48	41.64	51.95	42.32	45.06	114.64	149.39	124.87	88.34	71.13	36.02	910.27
1930	Dry	29.71	19.79	115.01	19.80	101.95	19.43	71.66	105.40	227.30	365.33	182.59	167.79	1,425.76
1931	Critical	65.95	38.44	30.99	21.27	20.04	19.71	136.80	99.80	115.75	157.51	83.46	35.58	825.30
1932	Dry	25.27	19.81	106.54	19.06	35.46	76.09	94.37	77.06	107.84	316.99	258.80	57.28	1,194.57
1933	Critical	25.07	30.02	21.66	37.56	20.25	122.07	92.90	111.76	131.70	120.45	70.02	36.38	819.84
1934	Critical	26.51	20.52	65.19	35.14	83.83	21.10	111.42	128.26	130.74	79.99	77.26	33.32	813.28
1935	Below Normal	37.70	19.73	20.03	35.88	20.08	19.09	55.72	119.99	170.51	397.07	321.20	199.16	1,416.16
1936	Below Normal	94.83	69.75	46.97	45.12	133.06	184.17	88.63	119.28	143.60	387.85	321.72	163.77	1,798.75
1937	Below Normal	146.28	77.57	149.10	46.38	40.23	47.59	84.70	123.01	328.52	352.56	256.12	76.84	1,728.90
1938	Wet	110.30	41.19	46.45	50.03	290.47	575.85	480.73	607.94	396.29	234.80	229.81	366.20	3,430.06
1939	Dry	138.53	82.82	85.59	54.44	49.86	55.08	185.81	171.11	182.80	369.42	245.72	198.87	1,820.05
1940	Above Normal	23.61	29.45	28.87	44.81	29.73	573.17	185.70	112.45	193.58	440.61	340.82	293.21	2,296.01
1941	Wet	112.54	67.60	45.06	49.01	458.73	386.35	157.31	383.31	219.37	338.09	157.36	395.89	2,770.62
1942	Wet	136.32	80.08	255.28	482.17	520.62	90.67	381.59	280.65	320.86	319.58	196.53	394.14	3,458.49
1943	Wet	149.58	76.54	51.52	552.07	225.96	547.96	178.57	123.07	168.77	437.77	334.15	366.01	3,211.97
1944	Dry	136.66	76.77	155.58	56.69	53.41	58.76	109.96	116.33	208.44	336.70	196.97	61.99	1,568.26
1945	Below Normal	42.76	39.07	55.46	40.04	39.93	49.06	95.07	106.30	135.50	374.06	295.18	135.61	1,408.04
1946	Below Normal	114.15	42.94	46.18	49.80	51.90	95.05	111.69	153.02	187.81	417.44	337.37	161.21	1,768.56
1947	Dry	140.55	73.13	46.79	49.69	43.31	50.46	93.88	156.39	182.73	364.71	224.23	190.70	1,616.57
1948	Below Normal	44.02	35.69	34.61	40.93	32.20	24.91	43.14	88.24	129.61	402.98	317.72	85.57	1,279.62
1949	Dry	79.91	49.71	46.84	48.79	44.53	49.55	103.64	112.07	212.79	359.90	205.66	194.32	1,507.71
1950	Below Normal	33.46	24.18	29.68	35.66	18.39	19.47	92.03	116.64	130.91	400.24	321.40	154.58	1,376.64
1951	Above Normal	63.90	48.76	415.93	393.69	330.91	155.21	113.96	132.68	199.39	441.54	336.66	274.65	2,907.28
1952	Wet	119.70	70.82	47.53	50.21	363.72	238.57	580.03	609.34	408.64	179.85	120.55	344.43	3,133.39
1953	Wet	160.46	85.07	207.64	580.34	47.61	212.03	206.94	196.76	289.76	436.63	225.47	356.51	3,005.22
1954	Above Normal	137.84	76.65	180.67	88.25	45.12	225.45	243.68	122.53	265.45	439.51	324.89	290.53	2,440.57
1955	Dry	119.45	45.94	43.82	45.25	43.62	48.88	108.03	112.99	152.89	328.18	148.96	115.69	1,313.70
1956	Wet	35.81	41.30	65.91	573.65	355.44	220.97	185.51	463.57	250.65	357.32	219.24	356.10	3,125.47
1957	Above Normal	135.93	82.12	218.87	50.81	110.11	165.66	105.88	112.42	143.32	442.38	321.31	269.58	2,158.39
1958	Wet	50.24	69.43	47.46	48.96	512.93	399.62	286.00	453.98	326.91	222.90	146.20	367.58	2,932.21
1959	Below Normal	159.78	86.25	217.08	49.30	236.74	73.07	144.19	126.68	230.03	412.16	300.86	148.68	2,184.82
1960	Dry	88.48	64.08	41.37	28.82	26.27	24.96	117.20	121.88	215.06	365.36	240.35	206.01	1,539.84
1961	Dry	31.01	41.88	36.12	28.54	24.40	26.47	89.65	113.07	155.91	340.60	145.27	43.04	1,075.96
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	184.41	448.86	319.29	357.84	2,906.43
1964	Dry	120.67	57.57	47.64	45.54	44.22	48.83	123.69	110.59	135.34	350.65	172.93	217.31	1,474.98
1965	Wet	55.46	44.72	91.88	575.85	144.29	179.55	319.65	215.70	175.61	428.51	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	148.87	74.42	373.53	223.70	132.34	129.32	225.72	427.99	292.88	205.24	2,473.80
1969	Wet	86.75	43.25	44.55	316.11	379.48	217.27	315.65	556.00	224.38	157.08	157.11	334.81	2,832.44
1970	Wet	144.81	81.96	462.76	576.37	322.23	137.74	119.70	125.14	170.41	407.89	307.71	247.73	3,104.45
1971	Wet	119.35	75.00	64.59	67.88	63.15	222.18	217.07	381.53	287.06	419.63	285.59	365.81	2,568.84
1972	Below Normal	122.05	71.39	47.76	48.51	46.72	69.38	119.65	119.04	191.09	392.38	297.55	205.84	1,731.36
1973	Above Normal	48.90	44.12	45.87	48.87	283.33	203.79	98.93	182.10	234.73	386.32	240.55	215.10	2,032.61
1974	Wet	119.16	48.67	270.34	578.66	174.54	582.37	335.59	304.48	254.41	325.92	113.30	359.03	3,466.47
1975	Wet	136.99	77.86	53.24	55.34	226.10	435.61	88.07	393.08	314.87	383.51	105.17	371.18	2,641.02
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	96.63	26.67	30.73	30.28	27.27	25.34	67.06	49.40	95.34	32.23	31.86	30.88	543.69
1978	Above Normal	24.74	18.92	18.54	35.55	22.87	181.10	208.85	129.80	163.91	372.11	297.47	270.27	1,744.13
1979	Below Normal	148.23	74.18	188.56	35.71	30.46	29.38	82.51	128.31	239.52	380.29	273.17	123.42	1,733.74
1980	Above Normal	118.07	50.46	50.56	237.98	539.41	176.62	98.44	119.58	125.70	235.69	104.75	182.99	2,040.25
1981	Dry	159.08	84.58	110.25	54.07	76.41	235.65	88.29	122.38	242.60	374.52	220.92	227.03	1,995.78
1982	Wet	61.92	31.49	440.47	278.01	529.40	456.83	575.19	384.90	234.07	230.39	118.30	185.58	3,526.55
1983	Wet	166.69	289.86	372.49	428.14	521.91	575.85	322.40	515.71	511.46	211.56	137.14	226.64	4,279.85
1984	Wet	196.78	489.14	580.66	185.68	274.46	309.52	107.84	127.38	220.40	437.63	248.77	325.69	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	166.40	157.46	1,545.70
1986	Wet	120.41	61.93	38.99	39.44	486.52	577.50	88.15	125.08	152.95	389.71	217.13	306.99	2,604.80
1987	Dry	142.24	71.39	167.14	46.78	41.15	45.19	85.12	143.57	170.59	180.39	71.48	61.22	1,226.26
1988	Critical	34.21	23.42	42.03	26.80	31.36	43.66	59.10	78.76	116.69	223.61	59.28	54.00	792.92
1989	Dry	29.13	35.95	17.96	17.44	23.66	17.99	87.49	176.15	224.47	365.11	247.03	170.43	1,412.81
1990	Critical	53.67	64.59	90.64	18.38	17.02	16.90	109.69	68.02	104.86	298.22	52.24	65.51	959.74
1991	Critical	37.07	16.74	30.57	32.72	20.13	33.34	46.66	60.74	135.74	254.70	55.93	58.13	782.47
1992	Critical	28.14	18.46	21.96	19.73	34.95	15.68	60.24	125.27	151.77	93.61	84.94	88.30	743.05
1993	Above Normal	24.25	17.99	15.71	35.54	18.45	285.26	169.40	347.59	244.45	423.68	337.31	318.13	2,237.76
1994	Critical	133.08	69.74	114.29	32.61	27.51	24.91	109.53	97.39	122.13	314.48	100.53	73.31	1,219.51
1995	Wet	53.95	27.04	42.53	28.86	227.25	575.85	479.59	606.44	467.97	188.51	162.25	182.69	3,042.93
1996	Wet	185.18	153.31	136.82	405.04	538.70	341.08	271.46	428.83	193.59	407.60	197.05	362.81	3,621.47
1997	Wet	133.22	77.92	491.01	575.85	311.49	182.18	120.70	120.68	161.11	396.41	206.86	331.83	3,109.26
1998	Wet	128.90	72.01	61.05	46.58	513.69	478.87	139.98	362.41	500.28	203.25	130.73	221.62	2,859.37
1999	Wet	195.45	280.80	202.74	471.55	501.99	379.33	98.35	121.23	147.23	396.92	165.05	230.09	3,190.73
2000	Above Normal	145.17	76.30	204.57	49.95	276.05	315.72	80.63	132.54	226.73	446.27	317.21	281.01	2,552.15
2001	Dry	115.22	68.94	172.61	44.27	39.99	42.99	81.53	139.61	172.21	205.18	74.36	59.89	1,216.80
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	95.39	65.26	110.19	121.66	157.17	175.35	154.01	200.49	209.60	329.62	209.39	210.44	2,038.59
	Wet	111.45	96.71	165.66	274.48	331.52	354.83	262.88	336.05	274.40	328.59	201.32	326.10	3,063.99
	Above Normal	88.81	53.38	119.37	93.71	158.31	229.79	131.65	197.74	213.11	405.74	290.54	275.99	2,258.14
	Below Normal	101.03	56.63	84.94	44.39	85.11	68.60	95.18	127.40	187.87	393.77	302.33	156.66	1,703.92
	Dry	89.86	50.74	74.74	38.54	42.18	52.15	97.50	129.79	187.68	333.66	183.33	141.42	1,421.60
	Critical	68.84	40.86	63.48	33.37	34.84	41.39	93.88	100.86	123.93	174.86	76.38	60.56	913.25

Difference in Energy generated (GWh) at Oroville Dam: Alternative3_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	35.84	(1.55)	59.08	(2.69)	(2.41)	(3.52)	(5.22)	(6.50)	(8.19)	(126.69)	(0.96)	0.23	(5.22)
1925	Dry	0.18	0.13	0.10	0.10	0.10	(0.16)	(0.11)	(0.19)	10.43	(1.08)	(4.68)	(0.24)	0.38
1926	Dry	(5.15)	(4.54)	(2.28)	(12.75)	0.25	0.51	0.37	0.27	2.43	(5.60)	37.45	(3.56)	0.62
1927	Wet	0.19	0.15	0.00	(0.02)	(0.46)	0.00	0.00	0.00	0.00	(0.06)	(0.26)	(0.01)	(0.04)
1928	Above Normal	(0.09)	(0.06)	(0.01)	0.01	0.02	0.60	(0.01)	(0.01)	0.27	(0.04)	0.22	0.10	0.08
1929	Critical	(0.55)	0.46	(0.02)	(0.48)	0.62	(0.64)	0.05	0.08	0.27	0.30	(0.69)	0.27	(0.03)
1930	Dry	0.22	0.14	(0.03)	0.07	(0.04)	0.02	0.02	0.03	(0.17)	(0.21)	0.70	0.09	0.07
1931	Critical	11.00	10.36	8.55	(0.36)	(0.33)	(0.27)	(2.20)	(1.68)	(2.76)	(34.09)	(0.58)	0.00	(1.03)
1932	Dry	0.00	0.00	0.07	0.04	0.04	0.05	0.06	0.07	0.09	0.01	60.36	(6.18)	4.55
1933	Critical	(40.98)	(4.80)	(8.68)	9.65	0.84	(1.06)	(0.80)	(0.97)	(1.32)	(13.74)	(0.11)	(0.14)	(5.18)
1934	Critical	(0.12)	(0.07)	0.02	0.06	0.05	0.14	(0.04)	(0.04)	0.06	0.07	0.20	0.17	0.04
1935	Below Normal	6.32	(0.01)	(0.06)	(0.12)	(0.09)	(0.05)	(0.10)	(0.13)	(0.09)	(0.63)	(0.68)	(0.60)	0.31
1936	Below Normal	17.69	11.10	(0.80)	(0.70)	(43.99)	0.00	0.03	(0.04)	0.00	0.36	0.03	57.05	3.39
1937	Below Normal	(2.35)	(1.57)	(7.35)	(1.04)	(0.88)	(0.87)	(1.06)	(1.23)	17.50	(4.23)	21.65	(3.53)	1.25
1938	Wet	(6.33)	(2.34)	(1.74)	(1.33)	(118.50)	0.00	0.00	0.00	0.00	8.30	(2.07)	35.68	(7.36)
1939	Dry	(1.19)	(0.72)	(11.48)	(0.37)	(0.32)	(0.34)	(0.95)	(3.31)	(1.38)	(2.92)	(3.47)	(9.81)	(3.02)
1940	Above Normal	(9.29)	(0.07)	(1.30)	(0.08)	(0.03)	(0.20)	0.00	0.00	(0.01)	0.00	0.03	0.03	(0.91)
1941	Wet	0.13	(0.01)	0.00	0.00	(0.23)	0.00	0.00	0.00	0.00	0.03	0.01	(0.01)	(0.01)
1942	Wet	0.00	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.08)	15.13	1.25
1943	Wet	(0.60)	(0.32)	(0.18)	(16.22)	0.00	0.00	0.00	(0.04)	0.04	(0.30)	(0.08)	(0.07)	(1.48)
1944	Dry	(0.06)	0.06	0.39	0.11	0.10	0.12	(0.01)	(0.01)	(0.08)	(0.09)	(0.09)	3.09	0.29
1945	Below Normal	(0.11)	(0.10)	(0.13)	(0.08)	(0.06)	(0.08)	(0.09)	(0.09)	(0.10)	(0.67)	(0.40)	30.03	2.34
1946	Below Normal	(1.92)	(17.14)	(0.32)	(0.22)	4.27	(25.00)	0.01	(0.01)	6.14	(0.45)	(0.47)	(2.15)	(3.11)
1947	Dry	(0.14)	(0.08)	(0.05)	(0.07)	(0.04)	(0.05)	(0.06)	(0.08)	(0.09)	(0.28)	(1.16)	(2.25)	(0.36)
1948	Below Normal	0.00	0.00	0.00	0.00	(0.05)	0.00	0.00	0.00	0.01	0.01	0.08	0.10	0.01
1949	Dry	0.12	0.12	(0.01)	0.00	(0.01)	(0.01)	(0.01)	(0.02)	0.00	(0.02)	0.98	(0.14)	0.08
1950	Below Normal	(1.27)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.35)	0.11	0.05	(0.20)
1951	Above Normal	0.03	0.01	1.40	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	(0.01)	0.12
1952	Wet	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.48)	12.54	1.00
1953	Wet	(1.08)	(0.68)	(10.85)	0.00	(0.01)	0.01	0.00	0.00	0.00	(0.05)	0.00	(0.06)	(1.06)
1954	Above Normal	0.04	0.03	(0.05)	0.01	0.00	0.09	0.00	0.02	0.03	0.02	0.02	0.02	0.02
1955	Dry	0.76	(0.01)	(0.01)	(0.02)	(0.01)	(0.03)	(0.04)	(0.04)	(0.07)	(0.14)	(0.09)	(4.89)	(0.38)
1956	Wet	0.09	0.11	0.12	0.32	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)	(0.06)	(0.01)	(0.02)	(0.96)	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.07	0.01
1959	Below Normal	(0.01)	0.00	0.04	(0.01)	(0.17)	0.00	(0.02)	(0.02)	0.02	0.08	(0.04)	(0.77)	(0.07)
1960	Dry	(0.53)	(1.45)	(0.50)	0.06	0.05	0.04	0.12	0.11	0.17	0.38	1.64	0.31	0.03
1961	Dry	2.14	0.00	0.01	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.18
1962	Below Normal	0.00	0.00	(0.02)	0.01	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	0.02	0.00
1963	Wet	0.00	0.00	0.00	(0.03)	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00
1964	Dry	0.00	(0.54)	0.01	0.01	0.01	0.01	0.02	0.01	0.03	0.06	0.18	0.05	(0.01)
1965	Wet	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.16)	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)	5.80	(7.23)	0.00	0.00	(0.01)	(0.03)	(1.24)	0.06	0.20	0.08	(0.20)
1969	Wet	(7.33)	0.15	0.15	10.18	0.00	0.00	0.00	0.00	0.00	(0.51)	(2.73)	(3.18)	(0.27)
1970	Wet	6.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	(0.06)	0.00	(2.08)	0.38
1971	Wet	0.14	0.08	0.06	0.04	0.03	2.52	0.00	0.00	0.00	(0.02)	(0.06)	(0.01)	0.23
1972	Below Normal	(0.10)	(0.01)	0.00	0.01	0.01	0.22	0.00	0.00	0.00	0.00	0.00	0.02	0.01
1973	Above Normal	0.00	0.00	0.00	0.00	(0.03)	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.05)	(0.01)
1974	Wet	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	(0.12)	(0.11)	17.67	1.46
1975	Wet	(0.67)	(0.41)	(0.23)	(0.18)	(17.77)	0.00	0.01	(0.01)	0.00	0.02	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	0.20	(0.59)	0.00	0.02	0.01	0.01	0.04	0.02	0.05	0.02	0.02	0.02	(0.02)
1978	Above Normal	0.02	0.01	0.01	0.02	0.01	0.79	0.00	(0.07)	0.07	0.20	0.18	0.19	0.12
1979	Below Normal	(0.20)	(0.13)	0.90	(0.03)	(0.02)	(0.02)	(0.02)	(0.06)	(0.54)	(0.57)	(0.09)	30.73	2.50
1980	Above Normal	35.77	(1.44)	(1.35)	(77.25)	0.00	0.00	(0.21)	(0.23)	(0.33)	(44.76)	0.32	93.45	0.33
1981	Dry	(2.02)	(1.19)	(4.65)	(9.84)	(33.87)	0.00	0.02	0.05	0.08	0.08	0.20	(1.40)	(4.38)
1982	Wet	4.32	0.01	(4.38)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
1983	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1986	Wet	(0.01)	(0.03)	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	40.32	(36.31)	0.33
1987	Dry	(0.28)	(0.15)	(0.02)	(0.11)	(0.10)	(0.09)	(0.15)	(0.32)	(0.47)	(4.83)	(0.03)	(0.05)	(0.55)
1988	Critical	(0.04)	(0.03)	(0.01)	0.00	0.01	0.01	0.01	(0.02)	0.00	0.26	(0.03)	0.00	0.01
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(2.94)	0.22	(0.23)
1990	Critical	0.67	0.08	1.12	0.01	0.01	0.01	0.07	0.04	0.06	0.20	0.04	0.06	0.20
1991	Critical	0.03	0.01	0.02	0.06	0.01	0.03	0.03	0.03	0.07	1.25	(1.02)	0.04	0.05
1992	Critical	0.02	0.01	0.02	0.02	0.03	0.01	0.03	0.06	0.10	0.06	(0.03)	0.08	0.03
1993	Above Normal	0.03	0.02	0.01	0.02	0.01	1.55	0.00	0.00	0.00	(0.03)	(0.02)	0.00	0.13
1994	Critical	0.00	0.00	0.03	0.01	0.01	0.00	0.00	0.00	0.01	(0.01)	(0.01)	0.00	0.00
1995	Wet	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.01
1996	Wet	(0.09)	(0.09)	(0.09)	0.18	0.00	0.00	0.00	0.00	0.00	(0.04)	(0.10)	(0.02)	(0.02)
1997	Wet	(0.11)	(0.08)	0.41	0.00	0.00	0.00	0.00	0.00	(5.00)	8.18	(0.09)	0.48	0.32
1998	Wet	(0.21)	(0.12)	(0.09)	(0.06)	(4.19)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.39)
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	(0.01)	0.01	0.03	(4.28)	(0.35)
2000	Above Normal	0.16	0.10	0.21	0.05	4.42	0.00	(0.01)	0.00	0.02	(0.03)	0.03	0.04	0.42
2001	Dry	(0.03)	(0.02)	(5.41)	0.13	0.11	0.11	0.20	0.34	0.46	5.59	0.00	0.01	0.12
2002	Dry	0.01	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	(0.01)	(0.01)	(2.06)	2.25	0.01
2003	Above Normal	0.00	(0.20)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.02)
	Average	0.52	(0.21)	0.20	(1.34)	(2.53)	(0.32)	(0.12)	(0.17)	0.20	(2.68)	1.70	2.97	(0.15)
	Wet	(0.16)	(0.14)	(0.64)	(0.27)	(5.43)	0.10	0.00	(0.00)	(0.19)	0.58	1.32	1.46	(0.28)
	Above Normal	2.22	(0.14)	(0.10)	(6.42)	0.35	0.16	(0.02)	(0.02)	0.01	(3.64)	0.15	7.83	0.03
	Below Normal	1.35	(0.52)	(0.14)	(0.67)	(2.56)	(1.84)	(0.10)	(0.12)	1.55	(0.62)	1.38	9.55	0.60
	Dry	(0.33)	(0.46)	(1.33)	(1.26)	(1.87)	0.01	(0.03)	(0.17)	0.63	(0.50)	4.83	(1.25)	(0.14)
	Critical	0.58	0.32	5.01	0.52	(0.10)	(0.44)	(0.67)	(0.75)	(0.97)	(14.46)	(0.27)	0.06	(0.93)

Percent Difference in Energy generated (GWh) at Oroville Dam: Alternative3_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%	99%	-6%	-5%	-5%	-5%	-5%	-6%	-51%	-1%	1%
1925	Dry	1%	1%	0%	0%	1%	-1%	0%	0%	5%	0%	-3%	0%
1926	Dry	-8%	-14%	-5%	-41%	1%	1%	1%	0%	1%	-2%	20%	-4%
1927	Wet	1%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	1%	0%	-1%	1%	-1%	0%	0%	0%	0%	-1%	1%
1930	Dry	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	20%	37%	38%	-2%	-2%	-1%	-2%	-2%	-2%	-18%	-1%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	30%	-10%
1933	Critical	-62%	-14%	-29%	35%	4%	-1%	-1%	-1%	-1%	-10%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	1%
1935	Below Normal	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	23%	19%	-2%	-2%	-25%	0%	0%	0%	0%	0%	0%	53%
1937	Below Normal	-2%	-2%	-5%	-2%	-2%	-2%	-1%	-1%	6%	-1%	9%	-4%
1938	Wet	-5%	-5%	-4%	-3%	-29%	0%	0%	0%	0%	4%	-1%	11%
1939	Dry	-1%	-1%	-12%	-1%	-1%	-1%	-1%	-2%	-1%	-1%	-1%	-5%
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%	5%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	28%
1946	Below Normal	-2%	-29%	-1%	0%	9%	-21%	0%	0%	3%	0%	0%	-1%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%
1953	Wet	-1%	-1%	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-4%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1960	Dry	-1%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1961	Dry	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%	0%	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%	0%	-2%	-1%
1970	Wet	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1971	Wet	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%
1975	Wet	0%	-1%	0%	0%	-7%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	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%	2%	0%	0%
1998	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
2000	Above Normal	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-3%	0%	0%	0%	0%	0%	0%	3%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	1%	0%	1%	-1%	-1%	0%	0%	0%	0%	-1%	1%	3%
	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	1%	0%
	Above Normal	1%	0%	-1%	-2%	0%	0%	0%	0%	0%	-1%	0%	9%
	Below Normal	3%	-1%	0%	-1%	-1%	-2%	0%	0%	1%	0%	1%	9%
	Dry	0%	-1%	-1%	-3%	-2%	0%	0%	0%	0%	0%	2%	-1%
	Critical	0%	2%	9%	2%	0%	-1%	-1%	-1%	-1%	-7%	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: Alternative3_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	6.00	0.00	0.00	0.00	0.00	47.91	49.58	0.25	0.00	0.00	0.00	103.74
1923	Below Normal	0.00	5.83	0.00	12.88	7.65	28.10	36.81	23.69	0.00	0.00	0.00	0.00	114.96
1924	Critical	0.00	0.00	0.00	0.00	2.37	20.03	21.85	19.40	26.34	0.00	0.00	0.00	89.99
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	20.99	21.61	19.06	0.00	6.67	0.00	68.33
1926	Dry	0.00	0.00	0.00	0.00	0.00	19.48	15.03	26.10	22.15	0.00	1.30	0.21	84.27
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	44.49	40.05	20.31	0.00	0.00	0.00	104.85
1928	Above Normal	1.56	8.77	0.00	2.75	20.83	0.00	42.75	35.81	7.65	0.00	0.00	0.00	120.12
1929	Critical	0.12	13.82	0.00	0.64	2.05	0.00	5.46	11.69	14.43	0.00	0.00	0.00	48.21
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	16.49	23.81	8.85	0.00	13.55	0.00	62.70
1931	Critical	0.00	0.00	0.00	0.00	0.00	6.35	23.91	26.90	26.53	1.58	0.00	0.00	85.27
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	37.50	38.08	47.09	0.00	0.00	1.08	123.75
1933	Critical	8.88	6.27	0.00	0.00	0.00	0.00	24.56	32.76	49.90	30.63	23.17	2.93	179.10
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	32.28	31.29	44.42	32.63	0.00	0.00	140.62
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	35.17	34.26	0.00	0.00	0.00	0.00	69.43
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	53.96	62.37	42.39	0.00	0.00	0.00	158.72
1937	Below Normal	0.00	6.74	0.00	0.00	0.00	0.00	53.44	57.97	16.25	0.00	1.37	16.77	152.54
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	20.14	28.20	0.00	0.00	0.00	0.00	48.34
1939	Dry	1.37	39.56	0.00	16.22	29.39	46.06	41.27	35.47	34.36	0.00	0.02	0.00	243.72
1940	Above Normal	9.99	4.08	0.00	0.00	0.00	0.00	29.60	37.64	24.95	0.00	0.00	0.00	106.26
1941	Wet	0.00	8.84	0.00	0.00	0.00	0.00	34.83	39.37	18.11	0.00	0.00	0.00	101.15
1942	Wet	9.01	30.34	0.00	0.00	0.00	1.38	53.00	45.90	19.82	0.00	0.00	0.00	159.45
1943	Wet	3.16	22.47	0.00	0.00	0.00	0.00	53.24	52.16	35.45	0.00	0.00	0.00	166.48
1944	Dry	8.83	25.11	0.00	0.00	0.00	0.00	21.27	23.57	23.52	0.00	0.00	1.88	104.18
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	5.09	2.83	51.76	54.89	41.22	0.00	0.00	0.00	155.91
1947	Dry	0.00	0.00	0.00	15.03	7.72	19.42	42.93	48.86	44.57	0.00	4.76	0.00	183.29
1948	Below Normal	0.00	0.00	0.46	2.11	16.63	0.00	11.40	23.76	0.00	0.00	0.00	0.00	54.36
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	49.14	50.98	32.75	0.00	6.70	0.00	139.57
1950	Below Normal	10.69	6.54	1.84	0.00	0.00	0.00	27.35	34.53	1.57	0.00	0.00	0.00	82.52
1951	Above Normal	0.00	0.00	0.00	0.12	0.00	0.00	46.30	58.24	38.06	0.00	0.00	0.00	142.72
1952	Wet	1.82	0.00	0.00	0.00	11.99	0.00	25.16	26.06	0.00	0.00	0.00	0.00	65.03
1953	Wet	1.36	30.13	0.00	27.90	14.20	15.21	43.90	41.79	36.33	0.00	0.00	0.00	210.82
1954	Above Normal	5.13	18.22	0.00	13.59	11.33	0.00	37.05	36.69	29.59	0.00	0.00	0.00	151.60
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	31.83	41.65	47.24	0.00	20.18	0.00	140.90
1956	Wet	1.19	0.00	0.00	0.00	0.00	0.00	54.19	61.07	27.02	0.00	0.00	0.00	143.47
1957	Above Normal	5.17	22.69	0.00	12.90	29.71	17.13	16.53	21.78	0.00	0.00	0.00	0.00	125.91
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	35.97	56.35	19.60	0.00	0.00	0.00	111.92
1959	Below Normal	1.38	32.48	0.00	29.88	18.82	8.25	25.12	24.79	15.21	0.00	0.00	0.00	155.93
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	43.88	32.31	32.93	0.00	0.07	0.00	109.19
1961	Dry	9.95	0.00	0.00	0.00	0.00	0.00	33.49	36.94	49.39	0.00	6.67	0.00	136.44
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	26.71	27.87	7.96	0.00	0.00	0.00	62.54
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	48.64	50.80	34.40	0.00	0.00	0.00	133.84
1964	Dry	0.00	0.00	0.00	0.12	0.00	4.29	53.31	52.71	46.53	0.00	18.11	0.00	175.07
1965	Wet	3.10	0.00	0.00	0.00	0.05	0.00	37.49	38.32	22.83	0.00	0.00	0.00	101.79
1966	Below Normal	9.66	0.00	0.00	0.97	8.57	5.31	37.89	40.00	36.54	0.00	0.00	0.00	138.94
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	37.45	38.59	0.00	0.00	0.00	0.00	76.04
1968	Below Normal	0.00	35.51	0.00	16.78	37.09	16.22	40.13	35.55	36.69	0.00	0.00	0.00	217.97
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	10.79	0.00	0.00	0.00	0.00	0.00	10.79
1970	Wet	0.00	39.69	0.00	0.00	0.00	0.00	50.54	58.02	46.12	0.00	0.00	7.09	201.46
1971	Wet	4.10	0.00	0.00	13.76	16.10	0.00	29.24	30.40	24.17	0.00	0.00	0.00	117.77
1972	Below Normal	0.00	19.55	0.00	0.00	4.04	7.74	31.41	39.92	39.48	0.00	0.00	0.00	142.14
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	48.31	58.18	35.85	0.00	0.00	0.00	142.34
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	26.50	0.00	12.74	17.92	0.00	47.48	42.81	20.61	0.00	0.00	0.00	168.06
1976	Critical	0.00	24.05	0.00	12.19	26.69	0.00	28.57	38.56	30.22	0.00	2.88	0.00	163.16
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	21.52	17.46	6.76	0.00	0.00	0.00	45.74
1979	Below Normal	0.00	9.73	0.00	0.00	0.00	0.00	53.57	50.51	43.79	0.00	0.00	0.00	157.60
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	32.80	45.64	16.99	0.00	14.85	9.02	119.30
1981	Dry	0.00	21.78	0.00	12.65	16.43	15.23	26.16	28.95	17.77	0.00	0.75	0.00	139.72
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.23	31.10	0.00	0.00	0.00	80.33
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	10.39	0.00	163.00
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	29.69	33.44	24.95	0.00	0.26	0.00	91.13
1990	Critical	0.00	2.32	0.00	0.00	0.00	3.34	18.75	13.07	28.74	0.00	19.95	0.94	87.11
1991	Critical	4.04	1.62	0.00	1.89	0.00	0.00	6.53	9.43	0.00	0.00	14.25	3.60	41.36
1992	Critical	0.08	0.12	0.00	0.00	0.00	0.00	9.76	11.09	6.38	1.21	0.00	0.00	28.64
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	34.54	38.08	5.40	0.00	0.00	0.00	78.02
1994	Critical	0.00	23.84	0.00	0.00	0.00	0.00	26.80	28.27	39.29	0.00	2.34	0.00	120.54
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	41.20	28.20	7.19	0.00	0.00	0.00	76.59
1996	Wet	16.05	20.47	0.00	0.00	0.00	0.00	44.89	42.74	25.89	0.00	0.00	0.00	150.04
1997	Wet	17.74	23.55	0.00	0.00	0.00	0.00	54.48	58.55	37.50	0.00	0.00	0.00	191.82
1998	Wet	7.64	23.38	0.00	15.10	0.00	0.00	37.50	40.74	0.00	0.00	0.00	0.00	124.36
1999	Wet	0.00	0.00	0.00	4.60	0.00	0.00	48.09	56.01	33.70	0.00	0.00	9.66	152.06
2000	Above Normal	11.93	28.63	0.00	20.85	0.00	0.00	40.21	44.85	34.49	0.00	0.00	0.00	180.96
2001	Dry	3.33	19.12	0.00	0.00	0.00	0.00	19.42	28.67	23.19	0.00	27.10	0.00	120.83
2002	Dry	8.26	0.00	0.00	0.00	0.00	0.00	50.32	47.63	43.71	0.00	27.12	0.00	177.04
2003	Above Normal	23.17	5.02	0.00	0.00	0.00	0.00	26.73	23.95	1.32	0.00	0.00	0.00	80.19
	Average	2.39	7.91	0.13	3.57	4.31	3.19	33.80	36.55	23.79	0.81	3.29	0.67	120.40
	Wet	2.51	8.67	0.00	3.81	2.90	0.64	38.60	42.35	21.54	0.00	0.40	0.64	122.06
	Above Normal	4.75	7.78	0.00	4.18	5.16	1.43	35.35	38.99	16.78	0.00	1.24	0.75	116.41
	Below Normal	1.55	8.31	0.16	4.48	6.99	4.89	38.15	40.62	23.29	0.00	0.10	1.20	129.75
	Dry	1.95	7.37	0.00	3.67	4.45	6.78	33.28	34.97	32.00	0.00	9.12	0.18	133.77
	Critical	1.38	6.73	0.71	1.23	3.21	3.13	17.57	19.13	23.92	5.50	6.59	0.78	89.86

Difference in Energy generated (GWh) at SWP San Luis: Alternative3_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	2.95	2.85	0.25	0.00	0.00	0.00	0.50
1923	Below Normal	0.00	0.66	0.00	0.08	(1.88)	6.15	3.90	(16.71)	(30.75)	0.00	0.00	0.00	(3.21)
1924	Critical	0.00	0.00	0.00	0.00	2.37	1.72	(0.49)	(1.58)	(3.07)	0.00	(24.72)	(10.35)	(3.01)
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(9.42)	(25.65)	(19.60)	0.00	(13.36)	0.00	(5.67)
1926	Dry	0.00	0.00	0.00	0.00	0.00	(1.27)	(1.54)	(8.20)	0.62	0.00	(9.08)	0.21	(1.61)
1927	Wet	(6.71)	0.00	0.00	0.00	0.00	0.00	(8.76)	(15.83)	(12.75)	0.00	0.00	0.00	(3.67)
1928	Above Normal	0.42	(0.23)	0.00	(1.71)	(5.00)	0.00	(7.68)	(15.12)	(19.04)	0.00	0.00	0.00	(4.03)
1929	Critical	0.12	(2.19)	0.00	(0.65)	(0.59)	0.00	3.78	(0.70)	(12.01)	(28.40)	(20.35)	(6.87)	(5.66)
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(1.05)	(3.26)	(21.89)	0.00	6.79	0.00	(1.62)
1931	Critical	0.00	0.00	0.00	0.00	0.00	1.54	(3.34)	(5.20)	(10.71)	1.58	(26.03)	(10.39)	(4.38)
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.91)	(1.86)	(8.03)	0.00	0.00	(4.48)	(1.27)
1933	Critical	8.88	6.27	0.00	0.00	0.00	0.00	(1.80)	(4.36)	(6.20)	(0.73)	(8.01)	(11.07)	(1.42)
1934	Critical	(2.69)	0.00	0.00	0.00	0.00	0.00	1.96	2.29	0.47	3.95	(10.52)	0.00	(0.38)
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(1.97)	(11.47)	(21.57)	0.00	0.00	0.00	(2.92)
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	6.26	(2.19)	(4.03)	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.43	0.00	0.00	0.00	0.00	5.08	6.87	(6.68)	0.00	(12.54)	(0.74)	(0.63)
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	4.35	28.20	0.00	0.00	0.00	0.00	2.71
1939	Dry	(2.93)	(2.42)	0.00	(1.03)	(1.52)	(3.35)	(5.30)	(2.06)	(1.16)	0.00	(0.46)	0.00	(1.69)
1940	Above Normal	2.37	(2.67)	0.00	0.00	0.00	0.00	0.52	0.43	(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	(0.45)	(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	(0.02)	0.30	0.00	0.00	0.00	0.00	(0.19)	(2.79)	(1.66)	0.00	0.00	0.00	(0.36)
1944	Dry	(1.10)	(3.24)	0.00	0.00	0.00	0.00	(0.16)	(0.15)	(0.07)	0.00	0.00	(0.11)	(0.40)
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	(2.58)	0.20	0.13	0.09	0.00	0.00	0.00	0.00	(0.18)
1947	Dry	0.00	0.00	0.00	0.33	0.07	(0.07)	(0.14)	0.06	0.10	0.00	(0.14)	0.00	0.02
1948	Below Normal	0.00	0.00	(0.12)	(0.55)	(0.47)	0.00	0.05	0.51	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	(0.02)	0.00	(0.02)	0.00	(0.01)
1950	Below Normal	0.27	(0.08)	(0.05)	0.00	0.00	0.00	(0.02)	(0.02)	(0.02)	0.00	0.00	0.00	0.01
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	(0.17)	0.00	2.12	2.83	0.00	0.00	0.00	0.00	0.40
1953	Wet	(1.35)	(2.71)	0.00	5.58	(1.04)	(5.03)	(8.26)	0.08	0.24	0.00	0.00	0.00	(1.04)
1954	Above Normal	(0.06)	1.92	0.00	2.41	2.22	0.00	0.68	1.43	1.50	0.00	0.00	0.00	0.84
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.37)	(0.46)	(0.47)	0.00	(0.28)	0.00	(0.13)
1956	Wet	(0.21)	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.02	0.00	0.00	0.00	(0.01)
1957	Above Normal	0.03	0.05	0.00	0.00	0.00	0.00	0.03	0.08	0.00	0.00	0.00	0.00	0.02
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	2.93	3.79	2.76	0.00	0.00	0.00	0.79
1959	Below Normal	(0.10)	(1.81)	0.00	(0.63)	(0.49)	0.17	(1.59)	(2.92)	(4.83)	0.00	0.00	0.00	(1.02)
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.31	1.05	0.00	0.04	0.00	0.15
1961	Dry	(0.45)	0.00	0.00	0.00	0.00	0.00	0.15	0.21	0.24	0.00	0.20	0.00	0.03
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.14)	(0.17)	0.00	0.00	0.00	(0.03)
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.11	(0.01)	0.01	0.05	0.00	(0.03)	0.00	0.01
1965	Wet	(0.12)	0.00	0.00	0.00	0.05	0.00	(0.74)	(1.41)	(1.02)	0.00	0.00	0.00	(0.27)
1966	Below Normal	0.05	0.00	0.00	(0.30)	(0.28)	(0.13)	(0.03)	(0.37)	(0.32)	0.00	0.00	0.00	(0.12)
1967	Wet	(0.12)	0.00	0.00	0.00	0.00	0.00	2.25	3.43	0.00	0.00	0.00	0.00	0.46
1968	Below Normal	0.00	(2.75)	0.00	(0.34)	(0.65)	(1.75)	0.29	(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	4.31	0.00	0.00	0.00	0.00	0.00	0.36
1970	Wet	0.00	(0.22)	0.00	0.00	0.00	0.00	(1.24)	0.29	0.32	0.00	0.00	0.91	0.01
1971	Wet	0.09	0.00	0.00	(0.08)	(0.09)	0.00	(0.25)	(0.42)	(0.78)	0.00	0.00	0.00	(0.13)
1972	Below Normal	0.00	0.01	0.00	0.00	0.06	0.02	0.01	0.02	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	(0.12)	(0.63)	(1.89)	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	(0.32)	0.00	(1.00)	(0.35)	0.00	1.07	1.46	0.86	0.00	0.00	0.00	0.14
1976	Critical	0.00	0.40	0.00	0.46	0.32	0.00	(0.29)	(0.37)	(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	2.64	3.01	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	(0.57)	(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	10.93	(20.21)	(1.28)
1981	Dry	0.00	(6.16)	0.00	1.09	0.42	11.06	1.12	1.57	4.49	0.00	(0.19)	0.00	1.12
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.18	6.25	0.00	0.00	0.00	1.04
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	(0.01)	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	(16.61)	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	0.02	0.12	(0.04)	0.00	0.02	0.00	0.01
1990	Critical	0.00	0.19	0.00	0.00	0.00	0.00	(0.03)	(0.05)	(0.06)	0.00	(0.04)	0.00	0.00
1991	Critical	(0.02)	(0.01)	0.00	0.00	0.00	0.00	(0.01)	(0.30)	0.00	0.00	0.18	(0.01)	(0.01)
1992	Critical	(0.01)	(0.09)	0.00	0.00	0.00	0.00	(0.02)	(0.03)	(0.07)	(0.11)	0.00	0.00	(0.03)
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.21)	(0.13)	(0.28)	0.00	0.00	0.00	(0.05)
1994	Critical	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.01)	0.04	0.08	0.00	0.00	0.00	0.01
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.84	28.20	7.19	0.00	0.00	0.00	3.10
1996	Wet	(1.59)	(0.52)	0.00	(15.52)	0.00	0.00	(3.32)	(4.11)	5.53	0.00	0.00	0.00	(1.63)
1997	Wet	(0.64)	(0.32)	0.00	0.00	0.00	0.00	0.29	0.63	0.63	0.00	0.00	0.00	0.05
1998	Wet	1.55	0.15	0.00	0.24	0.00	0.00	1.88	(0.95)	0.00	0.00	0.00	0.00	0.24
1999	Wet	0.00	0.00	0.00	(1.94)	0.00	0.00	(2.29)	0.52	0.58	0.00	0.00	1.17	(0.16)
2000	Above Normal	0.05	(0.02)	0.00	0.07	0.00	0.00	(0.53)	(0.46)	(0.15)	0.00	0.00	0.00	(0.09)
2001	Dry	(0.26)	(0.51)	0.00	0.00	0.00	0.00	0.22	0.24	0.16	0.00	0.33	0.00	0.02
2002	Dry	0.05	0.00	0.00	0.00	0.00	0.00	(0.29)	(0.34)	(0.30)	0.00	0.17	0.00	(0.06)
2003	Above Normal	0.06	0.63	0.00	0.00	0.00	0.00	(0.03)	(0.06)	0.00	0.00	0.00	0.00	0.05
	Average	(0.06)	(0.25)	(0.00)	(0.13)	(0.13)	0.11	(0.02)	(0.49)	(1.98)	(0.29)	(1.53)	(0.79)	(0.46)
	Wet	(0.37)	(0.15)	0.00	(0.37)	(0.07)	(0.21)	0.06	1.94	0.16	0.00	(0.64)	0.08	0.04
	Above Normal	0.24	(0.03)	0.00	0.06	(0.23)	0.00	(0.35)	(0.92)	(1.21)	0.00	0.91	(1.68)	(0.27)
	Below Normal	0.02	(0.54)	(0.01)	(0.12)	(0.45)	0.33	1.40	(2.04)	(5.23)	0.00	(0.90)	(0.24)	(0.65)
	Dry	(0.23)	(0.75)	0.00	0.00	(0.07)	0.36	(1.05)	(2.27)	(2.59)	0.00	(0.98)	(0.24)	(0.65)
	Critical	0.49	0.36	(0.02)	(0.02)	0.16	0.27	0.03	(0.86)	(2.66)	(1.98)	(7.46)	(3.22)	(1.24)

Percent Difference in Energy generated (GWh) at SWP San Luis: Alternative3_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	7%	6%	-	0%	0%	0%
1923	Below Normal	0%	13%	0%	1%	-20%	28%	12%	-41%	-100%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	-	9%	-2%	-8%	-10%	0%	-100%	-100%
1925	Dry	0%	0%	0%	0%	0%	0%	-31%	-54%	-51%	0%	-67%	0%
1926	Dry	0%	0%	0%	0%	0%	-6%	-9%	-24%	3%	0%	-87%	-
1927	Wet	-100%	0%	0%	0%	0%	0%	-16%	-28%	-39%	0%	0%	0%
1928	Above Normal	37%	-3%	0%	-38%	-19%	0%	-15%	-30%	-71%	0%	0%	0%
1929	Critical	-	-14%	0%	-50%	-22%	0%	225%	-6%	-45%	-100%	-100%	-100%
1930	Dry	0%	0%	0%	0%	0%	0%	-6%	-12%	-71%	0%	100%	0%
1931	Critical	0%	0%	0%	0%	0%	32%	-12%	-16%	-29%	-	-100%	-100%
1932	Dry	0%	0%	0%	0%	0%	0%	-2%	-5%	-15%	0%	0%	-81%
1933	Critical	-	-	0%	0%	0%	0%	-7%	-12%	-11%	-2%	-26%	-79%
1934	Critical	-100%	0%	0%	0%	0%	0%	6%	8%	1%	14%	-100%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	-5%	-25%	-100%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	13%	-3%	-9%	0%	0%	0%
1937	Below Normal	0%	7%	0%	0%	0%	0%	11%	13%	-29%	0%	-90%	-4%
1938	Wet	0%	0%	0%	0%	0%	0%	28%	-	0%	0%	0%	0%
1939	Dry	-68%	-6%	0%	-6%	-5%	-7%	-11%	-5%	-3%	0%	-96%	0%
1940	Above Normal	31%	-40%	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	-1%	1%	0%	0%	0%	0%	0%	-5%	-4%	0%	0%	0%
1944	Dry	-11%	-11%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	-6%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	-34%	8%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	2%	1%	0%	0%	0%	0%	0%	-3%	0%
1948	Below Normal	0%	0%	-21%	-21%	-3%	0%	0%	2%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	3%	-1%	-3%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	-1%	0%	9%	12%	0%	0%	0%	0%
1953	Wet	-50%	-8%	0%	25%	-7%	-25%	-16%	0%	1%	0%	0%	0%
1954	Above Normal	-1%	12%	0%	22%	24%	0%	2%	4%	5%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	0%	-1%	0%
1956	Wet	-15%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	9%	7%	16%	0%	0%	0%
1959	Below Normal	-7%	-5%	0%	-2%	-3%	2%	-6%	-11%	-24%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	1%	1%	3%	0%	133%	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%	6%	10%	0%	0%	0%	0%
1968	Below Normal	0%	-7%	0%	-2%	-2%	-10%	1%	-4%	-3%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	67%	0%	0%	0%	0%	0%
1970	Wet	0%	-1%	0%	0%	0%	0%	-2%	1%	1%	0%	0%	15%
1971	Wet	2%	0%	0%	-1%	-1%	0%	-1%	-1%	-3%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	2%	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%	279%	-69%
1981	Dry	0%	-22%	0%	9%	3%	265%	4%	6%	34%	0%	-20%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	14%	25%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	12%	7%	3%	0%	-62%	0%
1987	Dry	-	-4%	0%	-2%	-2%	-1%	-6%	-11%	-7%	0%	-9%	0%
1988	Critical	-11%	-100%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	8%	0%
1990	Critical	0%	9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	-1%	0%	0%	0%	0%	0%	-3%	0%	0%	1%	0%
1992	Critical	-11%	-43%	0%	0%	0%	0%	0%	0%	-1%	-8%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	-1%	0%	-5%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	5%	-	-	0%	0%	0%
1996	Wet	-9%	-2%	0%	-100%	0%	0%	-7%	-9%	27%	0%	0%	0%
1997	Wet	-3%	-1%	0%	0%	0%	0%	1%	1%	2%	0%	0%	0%
1998	Wet	25%	1%	0%	2%	0%	0%	5%	-2%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	-30%	0%	0%	-5%	1%	2%	0%	0%	14%
2000	Above Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	0%
2001	Dry	-7%	-3%	0%	0%	0%	0%	1%	1%	1%	0%	1%	0%
2002	Dry	1%	0%	0%	0%	0%	0%	-1%	-1%	-1%	0%	1%	0%
2003	Above Normal	0%	14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-5%	-3%	0%	5%	-1%	3%	4%	-3%	-7%	-1%	-4%	-8%
	Wet	-10%	-1%	0%	19%	0%	-2%	4%	0%	1%	0%	-2%	1%
	Above Normal	6%	-1%	0%	-1%	0%	0%	0%	0%	-7%	0%	23%	-6%
	Below Normal	0%	-2%	-2%	-3%	-4%	2%	3%	-5%	-20%	0%	-6%	-7%
	Dry	-5%	-3%	0%	0%	0%	14%	-3%	-6%	-6%	0%	-2%	-5%
	Critical	-10%	-12%	0%	-4%	-2%	3%	18%	-3%	-8%	-8%	-35%	-32%

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.: Alternative3_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	603.97	653.36	471.90	581.11	5,467.41
1923	Below Normal	333.97	260.87	282.51	293.74	348.70	398.96	377.05	245.89	200.39	704.50	608.55	398.80	4,453.93
1924	Critical	346.39	273.39	291.34	168.02	166.14	195.79	244.00	287.05	255.91	144.53	84.19	43.86	2,500.61
1925	Dry	123.70	193.81	255.24	84.95	73.49	99.96	254.36	308.65	425.19	580.37	401.60	369.42	3,170.74
1926	Dry	201.30	154.28	140.49	75.87	80.42	168.47	206.81	437.84	463.40	631.25	494.39	289.57	3,344.09
1927	Wet	110.35	247.09	284.71	72.51	159.96	469.47	505.87	497.46	401.56	735.05	615.45	623.27	4,722.75
1928	Above Normal	344.73	275.88	263.96	248.32	358.21	441.49	354.10	380.92	308.73	725.94	618.04	545.40	4,865.72
1929	Critical	355.62	258.41	226.72	241.97	222.55	165.69	241.39	310.14	157.39	101.10	81.16	44.40	2,406.54
1930	Dry	36.13	25.64	285.98	65.34	168.52	93.04	241.13	303.38	277.45	618.65	420.10	371.86	2,907.22
1931	Critical	203.77	159.75	120.34	72.72	76.11	96.95	290.60	274.18	290.65	268.27	100.59	45.59	1,999.52
1932	Dry	32.74	89.40	363.33	64.35	90.34	176.26	292.13	293.68	371.50	590.28	483.10	226.43	3,073.54
1933	Critical	160.89	153.87	106.86	90.22	77.09	215.71	249.64	309.15	346.85	316.43	230.54	83.32	2,340.57
1934	Critical	88.76	82.74	172.16	79.82	146.72	96.19	291.98	337.04	351.89	208.92	92.73	42.80	1,991.75
1935	Below Normal	120.23	213.58	250.59	81.90	76.80	103.30	294.91	344.19	247.61	696.84	659.53	497.74	3,587.22
1936	Below Normal	325.86	281.43	206.20	102.57	216.70	401.86	377.33	412.09	465.38	706.17	597.97	402.88	4,496.44
1937	Below Normal	372.95	285.07	339.37	257.93	272.35	348.53	333.43	391.92	637.10	644.91	516.27	302.56	4,702.39
1938	Wet	317.28	220.34	202.13	290.06	563.27	981.70	748.69	910.66	641.10	440.60	488.88	642.78	6,447.49
1939	Dry	328.94	288.87	236.05	300.67	311.16	411.90	440.86	439.22	400.40	666.22	456.10	481.76	4,762.15
1940	Above Normal	243.44	129.34	255.51	82.68	74.95	766.03	426.41	379.07	475.49	736.66	628.40	553.35	4,751.33
1941	Wet	301.70	244.31	169.40	132.60	634.10	722.97	367.29	640.80	476.76	591.17	359.51	619.80	5,260.41
1942	Wet	322.25	265.70	415.89	784.45	820.05	412.94	729.21	547.72	611.85	590.86	417.65	634.00	6,552.57
1943	Wet	347.00	269.78	196.00	836.55	494.79	893.63	484.44	396.26	478.66	745.80	611.03	630.51	6,384.45
1944	Dry	364.01	296.07	340.06	233.34	219.01	179.38	290.99	320.85	420.61	558.37	400.77	224.45	3,847.91
1945	Below Normal	159.40	143.05	132.81	99.07	104.76	329.83	349.20	383.63	452.64	677.74	558.64	360.74	3,751.51
1946	Below Normal	328.98	228.72	262.98	268.43	257.43	327.21	374.21	419.61	501.93	674.31	593.31	378.85	4,615.97
1947	Dry	344.50	252.83	199.92	272.95	254.14	217.39	353.52	439.13	463.32	638.84	493.41	432.56	4,362.51
1948	Below Normal	236.31	207.95	173.59	163.40	165.21	110.25	185.61	277.52	139.55	702.44	610.77	319.31	3,291.91
1949	Dry	267.66	220.59	176.62	111.71	111.86	142.74	372.08	389.78	483.85	631.27	470.61	435.46	3,814.23
1950	Below Normal	232.02	201.27	172.28	96.60	80.44	96.51	300.56	355.99	142.28	695.04	610.04	394.53	3,377.56
1951	Above Normal	246.51	214.80	623.68	732.48	636.28	484.54	348.93	406.64	513.64	742.90	597.84	515.98	6,064.22
1952	Wet	331.04	255.62	205.24	296.10	671.96	469.71	857.15	885.14	662.81	400.90	299.93	545.42	5,881.02
1953	Wet	324.83	257.36	452.78	923.97	294.84	547.46	483.01	445.74	603.83	680.74	450.96	589.00	6,054.52
1954	Above Normal	326.08	255.44	333.02	277.51	227.05	438.78	506.16	386.04	535.22	709.54	604.28	544.47	5,143.59
1955	Dry	302.92	205.44	164.53	103.83	114.52	154.41	310.73	344.64	390.11	562.47	380.60	304.19	3,338.39
1956	Wet	176.13	168.71	161.21	858.62	678.40	563.84	466.18	804.96	569.58	672.02	480.57	626.26	6,226.48
1957	Above Normal	369.46	307.17	418.78	300.22	375.92	372.46	289.62	275.68	216.09	732.84	597.53	523.37	4,779.14
1958	Wet	222.20	230.85	167.18	95.09	719.55	735.18	565.96	785.23	645.63	501.21	405.41	632.77	5,706.26
1959	Below Normal	385.70	317.78	411.42	309.75	508.86	366.57	359.57	362.19	317.34	708.89	587.62	392.73	5,028.42
1960	Dry	272.44	232.41	165.86	79.08	79.68	105.02	379.62	394.25	429.22	668.27	472.36	489.75	3,767.96
1961	Dry	250.81	234.17	185.82	97.18	98.13	105.87	304.67	354.99	412.54	594.74	347.08	166.01	3,152.01
1962	Below Normal	66.01	216.55	235.69	57.87	57.56	119.63	295.88	434.94	264.08	685.32	580.07	427.25	3,440.85
1963	Wet	212.36	197.88	158.09	170.17	711.92	508.31	777.58	462.31	487.04	735.71	566.51	603.17	5,591.05
1964	Dry	322.07	232.91	266.68	223.05	192.47	213.88	400.29	375.93	399.09	602.45	430.39	455.35	4,114.56
1965	Wet	261.93	225.65	255.33	875.76	392.94	399.96	594.48	465.27	454.83	708.74	497.51	609.93	5,742.33
1966	Below Normal	344.12	240.74	189.32	275.27	295.30	260.80	337.42	399.57	457.77	680.35	569.87	452.07	4,502.60
1967	Wet	231.83	209.53	159.03	107.96	191.02	631.48	356.77	719.81	687.38	422.69	359.75	649.86	4,727.11
1968	Below Normal	370.77	302.29	322.25	339.33	699.88	560.23	405.49	370.62	534.60	692.40	543.78	425.20	5,566.84
1969	Wet	259.17	195.08	164.21	504.22	689.14	563.84	537.77	812.03	482.57	357.76	411.17	576.54	5,553.50
1970	Wet	353.65	276.62	666.86	892.25	615.69	469.04	369.08	395.47	483.61	707.63	574.48	494.49	6,298.87
1971	Wet	333.34	261.59	225.73	328.40	327.31	476.02	443.71	661.49	533.13	683.83	539.62	612.98	5,427.15
1972	Below Normal	291.19	241.97	158.47	100.32	166.96	256.13	348.58	376.40	453.92	658.49	560.65	437.05	4,050.13
1973	Above Normal	219.53	200.77	167.49	125.06	485.24	463.47	344.62	467.29	555.81	690.45	493.43	452.57	4,665.73
1974	Wet	334.86	235.19	466.86	905.83	445.55	943.43	667.37	597.91	564.49	610.07	337.47	607.06	6,716.09
1975	Wet	345.27	287.98	209.39	301.02	501.21	756.48	361.33	690.33	631.11	682.30	333.80	626.93	5,727.15
1976	Critical	297.58	288.79	330.43	267.34	281.21	202.88	338.20	379.13	247.10	595.20	362.62	451.43	4,041.91
1977	Critical	303.70	212.36	173.35	80.73	84.09	95.11	136.47	66.28	113.41	46.12	45.38	42.88	1,399.88
1978	Above Normal	31.49	27.33	128.49	70.71	80.51	362.40	452.51	350.60	425.27	651.13	549.10	499.60	3,629.14
1979	Below Normal	338.87	251.34	349.62	205.25	196.46	253.62	352.84	387.08	562.93	668.83	521.28	335.68	4,423.80
1980	Above Normal	322.46	226.63	204.37	470.80	865.67	511.53	301.04	352.59	379.31	479.17	329.78	392.70	4,836.05
1981	Dry	343.74	268.57	255.03	299.85	324.02	500.35	301.76	367.93	402.19	673.90	472.64	496.53	4,706.51
1982	Wet	257.73	206.29	635.50	418.98	732.86	835.39	874.28	679.03	544.42	503.59	352.85	418.62	6,459.54
1983	Wet	386.79	542.75	730.01	710.61	861.48	978.49	509.46	723.16	785.45	387.17	332.57	418.20	7,366.14
1984	Wet	384.10	710.57	970.97	434.72	586.30	667.21	344.81	401.15	546.93	743.24	500.96	578.72	6,869.68
1985	Dry	331.12	228.78	264.77	271.49	275.85	305.40	352.51	448.71	461.89	609.22	410.13	376.58	4,336.45
1986	Wet	320.61	238.18	189.34	256.89	743.34	905.62	354.14	399.55	434.85	697.75	487.51	561.03	5,588.81
1987	Dry	356.45	287.70	349.31	289.36	280.09	189.33	237.98	315.28	359.85	351.94	221.29	179.96	3,418.54
1988	Critical	99.96	70.26	80.06	61.06	88.25	105.94	158.76	198.56	252.91	363.56	171.27	140.18	1,790.77
1989	Dry	70.42	66.65	43.66	38.96	70.25	77.21	321.59	453.05	434.06	664.65	508.65	440.47	3,189.62
1990	Critical	252.14	252.15	238.11	68.99	73.64	90.76	248.53	220.10	272.48	472.50	192.05	173.85	2,555.30
1991	Critical	94.53	57.94	65.29	66.54	63.03	91.19	148.60	173.14	210.31	419.43	181.12	160.88	1,732.00
1992	Critical	74.32	49.86	53.40	46.70	76.80	72.34	164.15	249.88	276.32	109.06	97.46	169.06	1,439.35
1993	Above Normal	134.45	24.56	160.30	72.01	128.42	492.53	419.06	629.34	465.95	727.71	607.55	569.83	4,431.71
1994	Critical	334.39	271.34	268.97	177.78	167.89	150.18	308.35	319.75	320.79	561.04	159.29	274.74	3,314.51
1995	Wet	99.48	172.78	297.46	65.77	354.40	806.32	813.39	943.54	796.47	422.80	444.90	428.59	5,645.90
1996	Wet	426.95	381.43	317.82	598.18	786.49	591.94	566.89	732.38	459.50	698.72	473.23	614.10	6,647.63
1997	Wet	360.75	286.58	717.62	904.57	595.47	515.64	373.79	379.47	453.64	685.66	439.74	572.91	6,285.84
1998	Wet	334.36	269.71	210.97	295.73	814.53	825.54	387.46	638.84	793.59	406.18	376.29	442.97	5,796.17
1999	Wet	417.53	502.95	414.46	773.12	809.95	711.97	348.35	390.23	439.82	689.12	418.37	472.79	6,388.66
2000	Above Normal	368.09	291.15	387.63	288.97	524.80	542.53	324.65	407.50	541.79	747.51	591.43	531.49	5,547.54
2001	Dry	306.99	254.50	321.06	120.50	116.27	127.39	237.61	337.73	371.30	391.81	244.72	186.34	3,016.22
2002	Dry	144.01	79.21	81.61	53.39	91.76	129.77	379.66	356.29	391.69	574.71	350.33	401.74	3,034.17
2003	Above Normal	283.78	186.71	271.97	90.02	116.12	161.01	267.29	484.04	190.93	736.31	587.48	564.34	3,940.00
	Average	268.97	231.66	271.89	275.45	331.53	386.36	384.04	444.32	435.54	581.06	434.49	422.36	4,467.66
	Wet	298.98	283.10	347.85	493.62	584.48	668.60	534.17	615.61	564.25	596.20	445.24	570.49	6,002.60
	Above Normal	280.30	208.36	295.05	241.16	338.85	449.00	367.62	455.07	434.35	694.46	556.40	522.85	4,843.47
	Below Normal	279.03	242.33	249.08	189.39	246.24	280.96	335.15	368.69	384.11	685.45	579.88	394.67	4,234.97
	Dry	244.44	200.66	227.56	154.77	164.00	188.77	315.46	371.19	408.76	589.41	414.35	351.58	3,630.93
	Critical	217.67	177.57	177.25	118.49	126.96	131.56	235.06	260.37	258.00	300.51	149.87	139.42	2,292.73

Difference in Energy generated (GWh) at Syst. Tot.: Alternative3_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	51.65	52.07	6.29	4.65	12.45
1923	Below Normal	4.68	4.99	2.34	(17.99)	(14.85)	48.28	70.47	(125.65)	(162.12)	78.20	48.57	74.93	0.99
1924	Critical	91.99	44.64	112.90	35.35	34.66	11.87	8.43	10.24	(41.89)	(262.48)	(124.40)	(97.17)	(14.66)
1925	Dry	56.47	137.84	203.69	21.65	10.56	(59.86)	(13.79)	(58.74)	(40.58)	(36.36)	(54.91)	(32.81)	11.10
1926	Dry	(35.51)	(32.86)	(22.89)	(5.99)	1.85	4.08	6.21	13.40	(10.63)	24.25	65.68	12.78	1.70
1927	Wet	(63.81)	77.68	59.73	6.47	(7.23)	(1.64)	(13.40)	(20.52)	(22.41)	47.46	6.01	6.11	6.20
1928	Above Normal	6.50	5.22	5.06	(5.81)	(8.34)	(0.77)	(8.44)	(13.54)	(215.09)	36.80	37.19	34.43	(10.57)
1929	Critical	31.51	27.83	25.46	(1.08)	1.41	8.36	28.29	21.60	(115.84)	(130.18)	(110.34)	(83.03)	(24.67)
1930	Dry	(35.85)	(27.32)	127.01	21.73	2.85	3.88	2.02	(2.12)	(167.90)	36.11	45.98	34.82	3.43
1931	Critical	46.21	44.61	35.59	8.60	4.99	6.86	(8.89)	(11.18)	(18.06)	(92.73)	(141.34)	(110.75)	(19.67)
1932	Dry	(45.72)	26.54	203.18	10.61	(0.69)	4.87	4.33	2.91	39.22	57.90	83.68	(2.69)	32.01
1933	Critical	(27.23)	8.13	(0.50)	17.11	3.82	(6.16)	(6.34)	(14.20)	(15.57)	(27.37)	(22.03)	(101.32)	(15.97)
1934	Critical	(17.32)	1.22	54.18	4.58	4.69	6.45	11.66	13.33	11.39	(57.56)	(11.04)	0.17	1.81
1935	Below Normal	6.14	29.53	109.90	6.53	2.18	3.12	3.55	(48.87)	(81.96)	1.85	44.63	46.10	10.23
1936	Below Normal	61.42	50.73	29.05	(0.29)	(52.34)	(57.60)	36.09	0.57	43.38	52.83	3.13	69.11	19.67
1937	Below Normal	0.56	1.55	(5.63)	0.34	(7.96)	16.76	1.45	3.39	59.76	36.15	17.80	(6.13)	9.84
1938	Wet	(8.45)	(4.22)	(3.73)	1.98	(157.19)	9.39	13.88	14.89	3.70	4.00	20.79	80.26	(2.06)
1939	Dry	(8.23)	(6.91)	(16.63)	(1.25)	(2.13)	(8.58)	(26.70)	(1.88)	86.44	(1.55)	(7.24)	(11.18)	(0.49)
1940	Above Normal	(7.79)	(39.01)	13.51	(6.53)	(5.62)	(2.01)	0.45	0.34	61.45	1.84	0.02	0.02	1.39
1941	Wet	0.12	(0.09)	(0.03)	0.03	(0.27)	(8.86)	(0.13)	1.31	49.49	44.64	3.30	0.00	7.46
1942	Wet	(0.45)	(0.17)	(0.04)	(4.32)	(0.11)	(1.34)	(0.15)	(1.46)	47.36	47.60	(0.63)	16.84	8.59
1943	Wet	(1.05)	(0.43)	(0.49)	(20.12)	(4.74)	3.46	5.28	(2.54)	46.06	40.97	6.61	0.01	6.08
1944	Dry	(1.01)	(3.03)	0.69	(18.38)	(16.52)	(5.28)	(0.66)	(0.48)	(0.35)	(0.62)	(0.44)	2.07	(3.67)
1945	Below Normal	(1.50)	(1.62)	(1.29)	(0.39)	(0.18)	(20.87)	0.02	(0.16)	50.22	44.62	(0.11)	35.75	8.71
1946	Below Normal	(1.62)	(19.89)	1.21	(0.22)	2.36	(27.72)	1.00	0.96	64.81	6.49	0.47	(1.56)	2.19
1947	Dry	0.76	0.76	0.70	1.58	0.17	(0.49)	(0.53)	0.47	0.36	0.43	(0.91)	(2.34)	0.08
1948	Below Normal	(0.38)	(0.33)	(0.82)	(3.43)	(3.11)	(0.95)	0.20	4.79	0.00	(0.03)	0.10	0.10	(0.32)
1949	Dry	0.16	0.16	0.02	(0.10)	0.03	(0.20)	(0.11)	0.17	0.11	0.20	1.33	(0.02)	0.15
1950	Below Normal	(1.33)	(0.12)	(0.22)	(1.83)	(1.63)	(0.51)	(0.06)	(0.07)	(0.02)	(1.60)	0.06	0.01	(0.61)
1951	Above Normal	(0.02)	(0.03)	(0.93)	6.58	(5.97)	0.42	0.00	0.00	53.59	42.54	0.00	0.00	8.01
1952	Wet	0.00	0.00	0.00	0.50	(0.19)	(0.01)	2.11	(1.78)	44.59	42.99	(6.97)	8.80	7.50
1953	Wet	(7.39)	(8.25)	(3.10)	10.22	9.46	(23.59)	(54.98)	(3.37)	60.73	0.00	(1.51)	(0.89)	(1.89)
1954	Above Normal	1.17	3.00	2.12	11.47	10.56	7.77	1.90	3.00	9.82	(1.40)	0.70	0.63	4.23
1955	Dry	1.51	0.59	0.45	0.56	(0.06)	(0.32)	(1.63)	(1.97)	(2.01)	(1.72)	(1.99)	(7.30)	(1.16)
1956	Wet	(1.33)	(1.01)	(0.78)	(32.57)	0.03	0.83	0.20	0.19	43.28	50.74	0.17	1.20	5.08
1957	Above Normal	0.15	0.18	0.08	1.30	(0.09)	(1.20)	0.11	0.69	62.35	1.87	0.01	0.01	5.46
1958	Wet	0.01	(0.06)	0.01	0.00	0.00	(0.25)	2.93	3.79	45.42	38.40	12.80	0.09	8.60
1959	Below Normal	(0.11)	(1.81)	0.06	(0.50)	(0.53)	(6.76)	(5.90)	(8.02)	(47.03)	2.02	1.20	0.24	(5.60)
1960	Dry	0.12	(1.02)	(0.16)	(0.44)	(0.41)	0.52	0.84	0.02	9.35	(1.87)	8.61	(4.58)	0.92
1961	Dry	(1.01)	(2.89)	(1.80)	3.10	2.78	1.05	0.52	0.65	0.69	0.47	2.49	(0.19)	0.49
1962	Below Normal	(0.13)	(0.02)	(0.11)	0.02	0.00	0.00	0.01	0.00	62.35	1.77	0.00	0.02	5.33
1963	Wet	0.00	0.00	0.00	(0.03)	0.00	0.00	(0.09)	(0.13)	58.12	38.07	0.00	0.11	8.00
1964	Dry	0.00	(0.64)	0.03	(0.01)	(0.09)	0.69	(0.08)	(0.08)	(0.01)	(0.03)	0.06	(0.04)	(0.02)
1965	Wet	0.15	(0.08)	(0.08)	0.66	0.32	(1.05)	(0.68)	(1.01)	57.72	36.26	1.19	0.98	7.86
1966	Below Normal	0.74	0.64	0.42	(1.44)	(1.44)	(0.74)	(0.02)	(0.27)	(0.32)	0.09	0.06	(0.67)	(0.25)
1967	Wet	0.64	0.03	0.00	(0.29)	(0.12)	(0.02)	2.30	3.32	47.95	47.30	(0.18)	1.34	8.52
1968	Below Normal	(0.17)	(2.90)	(4.91)	(6.10)	(0.37)	(8.22)	9.51	1.06	55.12	10.43	3.18	1.87	4.87
1969	Wet	(10.18)	(1.13)	(2.78)	(35.13)	(25.02)	0.00	2.76	(1.50)	46.85	(2.10)	31.75	5.57	0.76
1970	Wet	6.03	(1.62)	(1.31)	8.11	(3.16)	0.17	(6.96)	0.93	46.94	43.73	8.19	(0.88)	8.35
1971	Wet	0.89	0.70	0.62	(5.26)	8.00	2.09	(0.80)	(1.11)	(6.10)	0.33	0.16	0.21	(0.02)
1972	Below Normal	0.02	0.12	0.09	0.39	0.40	0.50	(0.06)	(0.14)	(0.14)	(0.19)	(0.15)	(0.11)	0.06
1973	Above Normal	(0.04)	(0.04)	0.00	0.31	0.23	0.24	(0.22)	(0.57)	48.10	45.70	0.06	0.00	7.81
1974	Wet	0.07	0.06	0.11	(1.75)	(8.20)	(12.63)	15.34	(4.42)	47.95	41.63	(1.59)	19.08	7.97
1975	Wet	(1.81)	(1.83)	(1.06)	(3.64)	(20.06)	(9.49)	3.23	3.57	54.69	46.48	2.34	2.17	6.22
1976	Critical	3.23	2.42	1.87	2.34	1.59	0.13	(1.34)	(1.61)	(1.30)	(2.67)	0.76	(1.90)	0.29
1977	Critical	(1.55)	(2.32)	(1.46)	(0.08)	(0.08)	0.01	6.69	0.02	0.06	0.02	0.01	0.01	0.11
1978	Above Normal	0.01	0.56	(0.80)	0.01	0.05	(3.47)	1.59	9.39	60.84	47.95	16.52	5.06	11.48
1979	Below Normal	(2.30)	(5.86)	(4.71)	(31.30)	(64.58)	(20.07)	33.89	1.53	53.24	42.72	1.97	35.45	3.33
1980	Above Normal	44.22	0.51	0.55	(98.85)	(9.19)	(3.62)	(9.89)	(8.79)	40.90	(18.90)	12.69	80.13	2.48
1981	Dry	(8.58)	(13.58)	(10.35)	(14.58)	(48.11)	35.31	5.07	6.58	109.03	(0.19)	(9.82)	(0.09)	4.22
1982	Wet	6.72	1.55	(3.78)	0.33	0.44	(0.07)	0.03	6.21	53.39	42.11	1.38	1.32	9.14
1983	Wet	(13.96)	16.79	0.00	0.00	(0.35)	0.00	0.04	0.00	49.49	(0.22)	37.09	10.73	8.30
1984	Wet	0.00	0.00	0.00	0.00	0.43	0.00	0.01	0.01	52.51	43.43	0.02	0.06	8.04
1985	Dry	0.01	0.01	0.02	(0.01)	0.00	(0.01)	0.00	0.01	0.01	0.00	(0.01)	(0.01)	0.00
1986	Wet	0.00	(0.03)	0.03	0.00	(0.01)	(67.13)	21.34	3.73	35.23	50.65	40.37	(41.79)	3.53
1987	Dry	0.40	(1.17)	0.09	(3.52)	(0.40)	(0.04)	(5.76)	(7.15)	(7.94)	(11.25)	(6.53)	(4.37)	(3.97)
1988	Critical	(3.18)	(2.28)	(1.29)	(0.75)	(0.41)	0.91	0.00	(0.02)	0.02	0.31	(0.02)	0.00	(0.56)
1989	Dry	0.03	0.00	0.00	(0.04)	(0.05)	(0.07)	(0.16)	(0.11)	(1.36)	0.01	(10.65)	2.49	(0.83)
1990	Critical	2.85	2.12	2.77	(0.02)	0.01	0.02	0.06	0.03	0.03	0.23	0.02	0.09	0.68
1991	Critical	0.03	0.02	0.04	0.06	0.01	0.01	0.00	(2.67)	0.13	2.08	(0.41)	0.51	(0.02)
1992	Critical	0.30	(2.42)	1.71	1.14	0.02	0.00	0.01	0.02	0.02	(0.05)	(0.04)	(0.54)	0.01
1993	Above Normal	(0.49)	(0.06)	1.49	0.03	(0.11)	1.23	(0.24)	0.10	59.63	35.60	0.77	0.67	8.22
1994	Critical	0.39	0.36	0.23	(0.99)	(0.82)	(0.27)	(0.01)	0.06	0.39	(0.06)	(0.57)	0.16	(0.09)
1995	Wet	2.21	(0.56)	(1.01)	0.00	(0.01)	(0.02)	1.84	28.20	52.39	0.47	36.26	11.29	10.92
1996	Wet	(1.22)	(0.18)	0.30	(114.10)	(77.61)	(39.17)	(6.69)	(7.48)	21.24	35.39	34.92	(3.54)	(13.18)
1997	Wet	(4.05)	(3.51)	(2.32)	0.44	(1.38)	(0.15)	2.33	1.13	43.98	56.85	1.41	1.11	7.99
1998	Wet	1.86	0.51	0.34	1.70	(13.77)	1.32	1.71	(5.68)	43.70	(5.25)	30.33	5.01	5.15
1999	Wet	8.18	(8.88)	4.91	2.68	7.12	(11.39)	(15.55)	0.98	42.42	38.75	17.66	(3.31)	6.96
2000	Above Normal	0.68	0.51	0.59	0.86	6.09	(1.94)	(1.09)	0.46	44.80	19.21	0.99	0.65	5.98
2001	Dry	(1.10)	(1.24)	(7.77)	(5.90)	(5.26)	(1.22)	1.35	1.80	1.90	7.83	1.42	0.97	(0.60)
2002	Dry	0.66	0.49	0.28	0.04	0.15	(0.12)	(0.95)	(0.99)	(0.99)	(0.67)	(2.99)	2.01	(0.26)
2003	Above Normal	(0.60)	6.01	(6.83)	2.12	1.93	0.72	(0.06)	(0.09)	(0.01)	(0.03)	(0.04)	(0.03)	0.26
	Average	0.89	3.62	10.90	(2.79)	(5.51)	(2.86)	1.50	(2.30)	15.57	10.63	2.22	1.21	2.76
	Wet	(3.34)	2.51	1.75	(7.08)	(11.29)	(6.14)	(0.93)	0.66	41.03	31.95	10.84	4.69	5.39
	Above Normal	3.65	(1.93)	1.24	(5.30)	(0.86)	(0.24)	(0.97)	(0.28)	23.17	21.94	6.27	10.52	4.77
	Below Normal	4.72	3.93	8.96	(4.02)	(10.15)	(5.34)	10.73	(12.21)	6.95	19.67	8.64	18.22	4.17
	Dry	(4.27)	4.21	26.48	0.50	(3.07)	(1.43)	(1.67)	(2.64)	0.85	4.05	6.32	(0.58)	2.39
	Critical	10.60	10.36	19.29	5.52	4.16	2.35	3.21	1.30	(15.05)	(47.54)	(34.12)	(32.81)	(6.06)

Percent Difference in Energy generated (GWh) at Syst. Tot.: Alternative3_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%	9%	9%	1%	1%
1923	Below Normal	1%	2%	1%	-6%	-4%	14%	23%	-34%	-45%	12%	9%	23%
1924	Critical	36%	20%	63%	27%	26%	6%	4%	4%	-14%	-64%	-60%	-69%
1925	Dry	84%	246%	395%	34%	17%	-37%	-5%	-16%	-9%	-6%	-12%	-8%
1926	Dry	-15%	-18%	-14%	-7%	2%	2%	3%	3%	-2%	4%	15%	5%
1927	Wet	-37%	46%	27%	10%	-4%	0%	-3%	-4%	-5%	7%	1%	1%
1928	Above Normal	2%	2%	2%	-2%	-2%	0%	-2%	-3%	-41%	5%	6%	7%
1929	Critical	10%	12%	13%	0%	1%	5%	13%	7%	-42%	-56%	-58%	-65%
1930	Dry	-50%	-52%	80%	50%	2%	4%	1%	-1%	-38%	6%	12%	10%
1931	Critical	29%	39%	42%	13%	7%	8%	-3%	-4%	-6%	-26%	-58%	-71%
1932	Dry	-58%	42%	127%	20%	-1%	3%	2%	1%	12%	11%	21%	-1%
1933	Critical	-14%	6%	0%	23%	5%	-3%	-2%	-4%	-4%	-8%	-9%	-55%
1934	Critical	-16%	1%	46%	6%	3%	7%	4%	4%	3%	-22%	-11%	0%
1935	Below Normal	5%	16%	78%	9%	3%	3%	1%	-12%	-25%	0%	7%	10%
1936	Below Normal	23%	22%	16%	0%	-19%	-13%	11%	0%	10%	8%	1%	21%
1937	Below Normal	0%	1%	-2%	0%	-3%	5%	0%	1%	10%	6%	4%	-2%
1938	Wet	-3%	-2%	-2%	1%	-22%	1%	2%	2%	1%	1%	4%	14%
1939	Dry	-2%	-2%	-7%	0%	-1%	-2%	-6%	0%	28%	0%	-2%	-2%
1940	Above Normal	-3%	-23%	6%	-7%	-7%	0%	0%	0%	15%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	12%	8%	1%	0%
1942	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	8%	9%	0%	3%
1943	Wet	0%	0%	0%	-2%	-1%	0%	1%	-1%	11%	6%	1%	0%
1944	Dry	0%	-1%	0%	-7%	-7%	-3%	0%	0%	0%	0%	0%	1%
1945	Below Normal	-1%	-1%	-1%	0%	0%	-6%	0%	0%	12%	7%	0%	11%
1946	Below Normal	0%	-8%	0%	0%	1%	-8%	0%	0%	15%	1%	0%	0%
1947	Dry	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	-1%
1948	Below Normal	0%	0%	0%	-2%	-2%	-1%	0%	2%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	-1%	0%	0%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	1%	-1%	0%	0%	0%	12%	6%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	7%	12%	-2%	2%
1953	Wet	-2%	-3%	-1%	1%	3%	-4%	-10%	-1%	11%	0%	0%	0%
1954	Above Normal	0%	1%	1%	4%	5%	2%	0%	1%	2%	0%	0%	0%
1955	Dry	1%	0%	0%	1%	0%	0%	-1%	-1%	-1%	0%	-1%	-2%
1956	Wet	-1%	-1%	0%	-4%	0%	0%	0%	0%	8%	8%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	41%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	1%	0%	8%	8%	3%	0%
1959	Below Normal	0%	-1%	0%	0%	0%	-2%	-2%	-2%	-13%	0%	0%	0%
1960	Dry	0%	0%	0%	-1%	-1%	0%	0%	0%	2%	0%	2%	-1%
1961	Dry	0%	-1%	-1%	3%	3%	1%	0%	0%	0%	0%	1%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	31%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	14%	5%	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%	15%	5%	0%	0%
1966	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	1%	0%	7%	13%	0%	0%
1968	Below Normal	0%	-1%	-2%	-2%	0%	-1%	2%	0%	11%	2%	1%	0%
1969	Wet	-4%	-1%	-2%	-7%	-4%	0%	1%	0%	11%	-1%	8%	1%
1970	Wet	2%	-1%	0%	1%	-1%	0%	-2%	0%	11%	7%	1%	0%
1971	Wet	0%	0%	0%	-2%	3%	0%	0%	0%	-1%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	9%	7%	0%	0%
1974	Wet	0%	0%	0%	0%	-2%	-1%	2%	-1%	9%	7%	0%	3%
1975	Wet	-1%	-1%	-1%	-1%	-4%	-1%	1%	1%	9%	7%	1%	0%
1976	Critical	1%	1%	1%	1%	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%	2%	-1%	0%	0%	-1%	0%	3%	17%	8%	3%	1%
1979	Below Normal	-1%	-2%	-1%	-13%	-25%	-7%	11%	0%	10%	7%	0%	12%
1980	Above Normal	16%	0%	0%	-17%	-1%	-1%	-3%	-2%	12%	-4%	4%	26%
1981	Dry	-2%	-5%	-4%	-5%	-13%	8%	2%	2%	37%	0%	-2%	0%
1982	Wet	3%	1%	-1%	0%	0%	0%	0%	1%	11%	9%	0%	0%
1983	Wet	-3%	3%	0%	0%	0%	0%	0%	0%	7%	0%	13%	3%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	11%	6%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-7%	6%	1%	9%	8%	9%	-7%
1987	Dry	0%	0%	0%	-1%	0%	0%	-2%	-2%	-2%	-3%	-3%	-2%
1988	Critical	-3%	-3%	-2%	-1%	0%	1%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%
1992	Critical	0%	-5%	3%	3%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	1%	0%	0%	0%	0%	0%	15%	5%	0%	0%
1994	Critical	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	2%	0%	0%	0%	0%	0%	0%	3%	7%	0%	9%	3%
1996	Wet	0%	0%	0%	-16%	-9%	-6%	-1%	-1%	5%	5%	8%	-1%
1997	Wet	-1%	-1%	0%	0%	0%	0%	1%	0%	11%	9%	0%	0%
1998	Wet	1%	0%	0%	1%	-2%	0%	0%	-1%	6%	-1%	9%	1%
1999	Wet	2%	-2%	1%	0%	1%	-2%	-4%	0%	11%	6%	4%	-1%
2000	Above Normal	0%	0%	0%	0%	1%	0%	0%	0%	9%	3%	0%	0%
2001	Dry	0%	0%	-2%	-5%	-4%	-1%	1%	1%	1%	2%	1%	1%
2002	Dry	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%
2003	Above Normal	0%	3%	-2%	2%	2%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	4%	10%	1%	-1%	0%	1%	-1%	4%	1%	-1%	-2%
	Wet	-2%	2%	1%	-1%	-2%	-1%	0%	0%	8%	6%	3%	1%
	Above Normal	1%	-1%	1%	0%	0%	0%	0%	0%	8%	3%	1%	3%
	Below Normal	2%	2%	6%	-1%	-4%	-1%	3%	-3%	1%	3%	2%	5%
	Dry	-2%	12%	32%	5%	0%	-1%	0%	-1%	2%	1%	2%	0%
	Critical	4%	6%	14%	6%	4%	2%	2%	0%	-5%	-15%	-16%	-22%

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: Alternative3_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	18.30	12.39	21.64	8.71	8.14	13.26	8.62	13.16	15.02	18.91	8.54	5.11	151.80
1925	Dry	4.61	4.46	5.11	4.61	4.16	4.10	3.72	3.84	17.79	41.33	19.89	23.72	137.34
1926	Dry	8.78	5.45	8.79	4.61	4.16	7.48	3.72	15.61	22.84	44.38	30.76	10.07	166.65
1927	Wet	4.61	4.46	21.26	4.61	13.05	36.29	23.68	20.69	10.14	47.58	40.93	48.85	276.15
1928	Above Normal	20.48	12.39	15.68	8.71	21.21	42.83	4.96	5.12	23.98	51.21	41.15	38.60	286.32
1929	Critical	20.48	8.42	8.71	8.71	7.86	9.29	9.38	15.25	12.79	6.74	4.13	3.83	115.59
1930	Dry	4.61	4.46	20.77	4.61	18.55	4.10	3.72	3.84	20.09	44.91	20.78	22.84	173.28
1931	Critical	9.94	7.66	6.35	4.61	4.16	4.10	15.46	11.74	13.70	25.65	11.19	5.54	120.10
1932	Dry	4.61	4.46	23.43	4.61	4.31	14.50	5.63	3.84	3.72	39.99	37.99	3.83	150.92
1933	Critical	4.61	6.04	4.61	4.61	4.36	24.18	3.88	10.62	10.85	12.99	3.84	3.83	94.42
1934	Critical	4.61	4.46	14.18	4.61	17.25	4.63	13.08	16.76	16.58	10.77	9.61	4.91	121.45
1935	Below Normal	7.66	4.46	4.61	4.61	4.38	4.10	4.96	5.12	9.29	44.22	38.86	24.03	156.30
1936	Below Normal	14.55	12.39	8.71	8.71	21.67	28.31	4.96	5.69	7.97	42.29	37.96	16.90	210.11
1937	Below Normal	20.48	12.39	26.29	8.71	7.86	8.71	4.96	5.12	36.88	42.52	33.64	4.96	212.52
1938	Wet	20.48	8.42	8.71	8.71	44.86	89.10	64.94	88.70	40.63	18.61	21.34	46.80	461.30
1939	Dry	20.48	12.39	13.47	8.71	7.86	8.71	13.34	15.55	14.15	46.01	32.55	31.08	224.30
1940	Above Normal	6.14	5.95	6.14	6.14	5.75	89.10	19.01	5.12	13.13	51.21	42.50	40.55	290.74
1941	Wet	19.66	12.39	8.71	8.71	70.44	58.59	18.81	43.56	15.40	33.11	10.78	49.56	349.72
1942	Wet	20.48	12.39	39.95	73.58	80.48	14.22	52.26	29.84	29.96	30.84	16.83	49.56	450.39
1943	Wet	20.48	12.39	8.71	84.03	34.67	82.32	20.85	5.12	9.72	49.46	39.64	49.56	416.95
1944	Dry	20.48	13.12	28.07	11.00	10.29	11.00	9.11	7.84	19.82	44.28	29.33	4.96	209.30
1945	Below Normal	8.71	8.42	8.71	8.71	7.86	8.71	4.96	5.46	6.38	43.80	37.81	14.68	164.21
1946	Below Normal	20.48	8.42	8.71	8.71	8.64	14.85	4.96	10.34	13.66	48.64	42.02	18.00	207.43
1947	Dry	20.48	12.39	8.71	8.71	7.86	8.71	4.96	10.50	14.38	44.36	28.82	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	10.93	8.59	8.71	8.71	7.86	8.71	6.82	6.27	18.61	44.96	25.67	28.31	184.15
1950	Below Normal	6.84	4.78	6.12	4.61	4.16	4.10	4.96	5.12	4.96	45.74	39.77	16.87	148.03
1951	Above Normal	10.93	8.42	63.82	59.83	50.17	23.64	4.96	8.96	14.34	51.21	41.47	36.15	373.90
1952	Wet	20.48	12.39	8.71	8.71	55.60	36.29	86.23	89.10	44.98	12.09	6.41	40.55	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	14.80	160.31
1956	Wet	8.71	8.42	8.71	89.10	54.34	33.64	15.98	55.45	21.63	37.56	21.32	45.98	400.84
1957	Above Normal	20.48	12.39	35.26	8.71	17.97	25.66	4.96	5.12	4.96	49.54	37.56	39.79	262.40
1958	Wet	8.71	11.78	8.71	8.71	80.48	60.98	37.98	53.54	33.06	16.58	8.63	43.94	373.10
1959	Below Normal	20.48	12.39	33.42	8.71	36.46	11.63	9.40	6.05	19.71	50.31	39.82	22.65	271.03
1960	Dry	13.51	12.22	8.40	6.14	5.75	5.12	11.08	7.27	18.24	44.61	30.72	30.15	193.21
1961	Dry	6.80	5.95	7.14	6.14	5.55	5.47	6.08	6.26	12.71	46.51	17.98	3.83	130.42
1962	Below Normal	4.61	4.46	4.61	4.61	4.16	4.10	3.87	15.93	12.88	46.44	38.10	23.63	167.40
1963	Wet	6.14	5.95	6.14	9.41	75.86	42.52	64.88	16.21	10.37	49.57	36.27	48.34	371.66
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	27.42	38.64	17.91	10.85	48.51	30.43	49.56	371.38
1966	Below Normal	20.48	12.39	8.71	8.71	7.86	8.71	4.96	9.26	18.67	51.21	41.08	32.31	224.35
1967	Wet	12.91	8.42	8.71	8.71	7.86	58.36	10.69	47.28	42.11	7.33	6.48	47.47	266.33
1968	Below Normal	20.48	12.39	23.22	12.21	56.46	33.99	9.85	5.94	19.69	51.21	37.52	26.72	309.68
1969	Wet	15.37	8.42	8.71	51.15	57.70	33.06	37.39	65.62	18.51	8.86	11.64	39.77	356.20
1970	Wet	20.48	12.39	69.82	89.10	49.31	21.11	7.35	5.12	12.42	48.29	39.14	34.26	408.79
1971	Wet	20.48	13.93	11.83	11.83	10.68	33.61	19.01	43.97	27.94	48.00	32.86	49.56	323.70
1972	Below Normal	17.60	12.39	8.71	8.71	8.14	10.32	4.96	5.12	14.61	45.65	37.17	27.77	201.15
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	27.51	25.24	5.12	7.81	38.96	32.93	36.11	196.37
1979	Below Normal	20.48	12.39	31.61	6.14	5.55	5.12	4.96	5.12	19.81	43.28	33.08	11.82	199.36
1980	Above Normal	20.48	8.42	8.71	38.54	83.35	27.22	4.96	5.12	4.96	21.05	5.12	18.83	246.76
1981	Dry	20.48	12.39	17.55	8.71	12.22	35.67	4.96	5.12	21.06	43.80	25.60	31.95	239.51
1982	Wet	11.65	5.95	68.81	42.72	80.48	68.63	86.23	40.93	18.60	17.57	5.12	19.67	466.36
1983	Wet	24.09	43.07	56.25	64.97	80.48	89.10	43.38	60.73	57.86	14.65	7.52	25.09	567.19
1984	Wet	25.83	72.10	89.10	28.69	41.20	46.28	4.96	5.12	17.93	51.21	29.18	44.70	456.30
1985	Dry	20.48	8.42	8.71	8.71	7.86	8.71	4.96	14.51	17.28	44.76	18.36	23.42	186.18
1986	Wet	20.48	12.39	8.71	8.71	80.48	89.10	4.96	5.12	7.99	44.56	23.16	43.59	349.25
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	30.33	28.91	163.60
1990	Critical	10.25	12.39	18.17	4.61	4.16	4.10	6.13	4.06	4.59	41.97	3.84	5.32	119.59
1991	Critical	4.94	4.46	6.55	6.76	4.16	4.10	3.72	3.84	16.95	43.81	6.03	6.65	111.97
1992	Critical	4.61	4.78	4.61	4.61	4.31	4.10	3.72	8.74	15.85	8.38	6.63	9.37	79.71
1993	Above Normal	4.70	4.46	4.10	4.61	4.16	44.89	17.72	39.76	22.12	46.39	39.32	40.30	272.53
1994	Critical	20.48	12.39	20.23	6.14	5.55	5.12	4.96	5.12	6.53	42.19	9.18	9.40	147.29
1995	Wet	10.08	5.96	6.14	6.14	35.63	89.10	63.82	89.10	54.30	12.16	11.52	16.03	399.98
1996	Wet	23.38	22.63	20.82	61.23	83.35	51.95	33.25	53.29	11.75	43.55	17.27	45.90	468.37
1997	Wet	20.48	12.39	77.03	89.10	47.60	27.16	4.96	5.12	10.61	46.49	23.18	46.63	410.75
1998	Wet	20.48	12.39	11.34	8.71	78.85	73.10	14.59	47.08	55.33	12.92	5.94	22.37	363.10
1999	Wet	26.85	41.79	30.87	71.14	76.69	58.12	4.96	5.12	8.50	44.69	14.71	26.40	409.84
2000	Above Normal	20.48	12.39	32.74	8.71	43.19	48.12	4.96	7.76	18.01	51.21	38.14	38.00	323.71
2001	Dry	20.48	12.39	31.30	8.71	7.86	8.71	4.96	10.55	16.88	29.62	5.12	4.96	161.54
2002	Dry	12.44	5.95	6.14	6.14	6.11	5.12	4.96	5.12	7.44	42.09	6.99	26.69	135.19
2003	Above Normal	9.09	9.94	8.71	8.71	7.86	8.71	4.96	24.30	10.27	51.08	37.90	41.37	222.90
	Average	15.04	11.06	18.41	19.62	25.01	27.46	15.05	18.85	17.83	37.87	23.55	27.13	256.87
	Wet	17.61	15.46	26.31	42.84	51.23	54.11	31.89	37.81	25.01	33.46	18.99	41.19	395.89
	Above Normal	13.93	9.34	19.63	15.10	25.18	35.68	11.16	17.56	16.26	45.55	33.99	36.63	280.00
	Below Normal	15.39	9.78	14.24	7.75	14.04	11.18	5.55	6.75	13.89	45.80	37.97	18.71	201.04
	Dry	14.08	8.80	13.82	7.27	7.77	9.24	6.17	8.29	15.48	41.93	22.37	19.69	174.92
	Critical	11.60	8.11	11.82	6.20	6.68	7.84	6.86	9.01	11.99	24.41	7.92	8.13	120.57

Difference in Energy generated (GWh) at Thermalito Dam: Alternative3_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	6.33	0.00	11.13	0.00	0.00	0.08	0.02	0.02	0.04	(23.06)	(0.26)	0.00	(0.48)
1925	Dry	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	1.68	0.01	(0.68)	0.11	0.09
1926	Dry	(2.47)	(2.37)	0.00	0.00	0.00	(0.79)	0.00	(0.14)	0.11	(1.62)	6.43	(0.74)	(0.13)
1927	Wet	0.00	0.00	(0.01)	0.00	(0.07)	0.01	0.01	0.00	0.01	0.00	(0.03)	0.01	(0.01)
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.04	0.00	0.04	0.04	0.02
1929	Critical	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.01)	0.00	0.03	0.04	(0.15)	0.00	(0.01)
1930	Dry	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.03)	0.12	0.03	0.01
1931	Critical	2.15	2.08	1.74	0.00	0.00	0.00	0.00	0.00	(0.13)	(6.22)	(0.12)	0.00	(0.04)
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	11.95	0.00	0.99
1933	Critical	(5.39)	(4.04)	0.00	0.00	0.20	0.01	0.01	0.00	(0.02)	(2.57)	0.00	0.00	(0.98)
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.01	(0.02)	(0.03)	(0.01)	(0.01)	0.01	0.00	0.00
1935	Below Normal	1.32	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.01	(0.01)	(0.01)	(0.02)	0.11
1936	Below Normal	3.15	2.11	0.00	0.00	(6.72)	0.01	0.00	0.00	0.00	0.05	0.00	9.17	0.65
1937	Below Normal	0.00	0.00	(0.70)	0.00	0.00	0.00	0.00	0.00	3.21	0.37	5.13	0.00	0.67
1938	Wet	0.00	0.00	0.00	0.00	(17.31)	0.00	0.00	0.00	0.00	1.19	(0.27)	5.50	(0.91)
1939	Dry	0.00	0.00	(1.65)	0.00	0.00	0.00	0.00	(0.36)	(0.06)	(0.06)	(0.17)	(1.46)	(0.31)
1940	Above Normal	(1.84)	0.00	(0.24)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.01	0.01	(0.17)
1941	Wet	0.02	0.00	0.00	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	(0.19)	0.00	(0.02)
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00	2.20	0.19
1943	Wet	0.00	0.00	0.00	(2.32)	0.00	0.00	0.00	0.00	0.01	(0.03)	(0.01)	0.00	(0.20)
1944	Dry	0.00	0.02	0.07	0.02	0.02	0.02	0.00	0.00	(0.01)	(0.01)	0.63	0.00	0.06
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	(3.66)	0.00	(0.01)	0.88	(0.01)	(0.01)	(0.32)	(0.46)
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	(0.16)	(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	0.02	0.02	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.19	0.00	0.02
1950	Below Normal	(0.25)	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.20)	0.00	0.00	(0.03)
1951	Above Normal	0.00	0.00	0.21	0.00	0.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.05
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.00	1.95	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	(0.98)	(0.07)
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.77	0.00	0.00	0.00	0.00	0.00	0.15	0.08
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.14)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1958	Wet	0.00	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00
1959	Below Normal	0.00	0.00	0.01	0.00	(0.03)	0.10	0.00	0.01	0.02	0.02	0.01	(0.12)	0.00
1960	Dry	(0.10)	(0.17)	(0.11)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	(0.01)
1961	Dry	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(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	0.00	0.00	0.12	0.01
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	0.56	0.00	0.00	0.00	(0.02)	0.01	0.00	0.05
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	(0.01)	(0.12)	(0.01)
1967	Wet	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.03
1968	Below Normal	0.00	0.00	0.89	(1.08)	0.00	0.01	0.00	0.00	(0.18)	0.00	0.02	0.01	(0.03)
1969	Wet	(1.35)	0.00	0.00	1.55	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.40)	(0.50)	(0.06)
1970	Wet	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	0.00	(0.37)	0.05
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.02
1972	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.01	0.02
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	0.12	0.01	0.00	0.02	0.05	0.05	0.06	0.03
1979	Below Normal	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	(0.06)	(0.07)	(0.01)	5.28	0.44
1980	Above Normal	6.28	0.00	0.00	(11.73)	0.00	0.00	0.00	0.00	0.00	(6.50)	0.00	13.87	0.16
1981	Dry	0.00	0.00	(0.53)	(1.41)	(4.96)	(0.01)	0.00	0.00	0.00	0.01	0.02	(0.27)	(0.60)
1982	Wet	0.80	0.00	(0.65)	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	(0.22)	(0.29)	0.00	(0.04)
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.42	(5.56)	0.07
1987	Dry	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.87)	0.00	0.00	(0.07)
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.98	0.00	(0.01)	0.00	0.04	(0.01)	0.00	0.08
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.52)	(0.08)	(0.05)
1990	Critical	0.16	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
1991	Critical	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.13	(0.12)	(0.01)	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	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	(0.01)	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	0.01	0.00
1996	Wet	(0.01)	(0.01)	(0.01)	0.02	0.00	0.01	0.03	0.00	0.01	0.00	0.00	(0.14)	(0.01)
1997	Wet	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	(0.72)	1.21	0.01	0.15	0.06
1998	Wet	0.00	0.00	0.00	0.00	(0.64)	0.00	0.00	0.04	0.06	0.06	0.07	0.11	(0.03)
1999	Wet	0.11	0.08	0.03	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	(0.67)	(0.04)
2000	Above Normal	0.00	0.00	0.00	0.00	0.66	0.01	0.00	0.00	0.01	0.00	0.01	0.02	0.06
2001	Dry	0.00	0.00	(1.02)	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.39)	0.42	0.00
2003	Above Normal	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.13	(0.07)	0.10	(0.18)	(0.37)	(0.01)	0.00	(0.01)	0.06	(0.46)	0.34	0.48	0.00
	Wet	0.03	0.00	(0.08)	(0.03)	(0.79)	0.06	0.00	0.00	(0.02)	0.08	0.20	0.23	(0.03)
	Above Normal	0.37	(0.00)	(0.00)	(0.98)	0.05	0.06	(0.00)	(0.01)	(0.00)	(0.53)	0.01	1.16	0.01
	Below Normal	0.30	(0.06)	0.03	(0.08)	(0.38)	(0.24)	0.00	0.00	0.28	(0.00)	0.36	1.66	0.16
	Dry	(0.11)	(0.14)	(0.18)	(0.08)	(0.27)	(0.04)	(0.00)	(0.03)	0.09	(0.09)	0.98	(0.19)	(0.01)
	Critical	0.28	(0.16)	1.09	0.00	0.02	0.08	0.00	(0.00)	(0.01)	(2.65)	(0.06)	(0.00)	(0.12)

Percent Difference in Energy generated (GWh) at Thermalito Dam: Alternative3_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	53%	0%	106%	0%	0%	1%	0%	0%	0%	-55%	-3%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	10%	0%	-3%	0%
1926	Dry	-22%	-30%	0%	0%	0%	-10%	0%	-1%	0%	-4%	26%	-7%
1927	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	-1%	0%	0%	0%	1%	-4%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1931	Critical	28%	37%	38%	0%	0%	0%	0%	0%	-1%	-20%	-1%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	46%	0%
1933	Critical	-54%	-40%	0%	0%	5%	0%	0%	0%	0%	-17%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	21%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	28%	21%	0%	0%	-24%	0%	0%	0%	0%	0%	0%	119%
1937	Below Normal	0%	0%	-3%	0%	0%	0%	0%	0%	10%	1%	18%	0%
1938	Wet	0%	0%	0%	0%	-28%	0%	0%	0%	0%	7%	-1%	13%
1939	Dry	0%	0%	-11%	0%	0%	0%	0%	-2%	0%	0%	-1%	-4%
1940	Above Normal	-23%	0%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%
1943	Wet	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	59%
1946	Below Normal	0%	-26%	0%	0%	9%	-20%	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	-4%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%
1953	Wet	0%	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-6%
1956	Wet	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	-1%
1960	Dry	-1%	-1%	-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%	0%	0%	0%
1964	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	2%	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%	-1%	-3%	-1%
1970	Wet	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1971	Wet	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	2%	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%	280%
1981	Dry	0%	0%	-3%	-14%	-29%	0%	0%	0%	0%	0%	0%	-1%
1982	Wet	7%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-4%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	38%	-11%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	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%	0%	0%	0%	-6%	3%	0%	0%
1998	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	1%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-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%	-5%	2%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	1%	0%	1%	-1%	-1%	0%	0%	0%	0%	-1%	1%	7%
	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	1%	1%
	Above Normal	2%	0%	0%	-2%	0%	0%	0%	0%	0%	-2%	0%	23%
	Below Normal	3%	0%	0%	-1%	-1%	-1%	0%	0%	1%	0%	1%	20%
	Dry	-1%	-2%	-1%	-1%	-2%	-1%	0%	0%	1%	0%	4%	-1%
	Critical	2%	0%	12%	0%	0%	1%	0%	0%	0%	-8%	-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: Alternative3_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	46.35	48.47	40.07	36.88	454.91
1923	Below Normal	30.80	28.40	23.34	30.70	32.25	55.10	51.86	34.37	12.75	55.10	49.95	42.96	447.58
1924	Critical	34.70	31.92	23.52	18.86	16.47	16.33	21.48	20.83	19.91	1.85	1.78	1.44	209.09
1925	Dry	23.99	27.52	28.80	9.66	8.11	14.87	35.32	35.09	33.32	39.74	36.46	29.77	322.65
1926	Dry	20.82	19.02	11.30	11.30	9.58	19.29	27.30	39.40	37.81	46.75	42.84	34.96	320.37
1927	Wet	26.45	32.36	21.49	8.52	9.60	41.24	45.17	41.58	50.65	52.76	45.58	42.19	417.59
1928	Above Normal	36.51	33.38	27.91	29.20	30.21	22.83	46.28	42.45	5.66	51.06	51.05	46.80	423.34
1929	Critical	40.83	37.32	30.95	27.30	23.91	18.98	20.51	19.97	1.50	1.87	1.81	1.43	226.38
1930	Dry	0.54	0.29	3.44	9.06	7.90	13.71	30.78	30.19	7.25	40.46	35.70	28.54	207.86
1931	Critical	18.49	16.33	9.31	10.05	8.63	13.37	21.03	20.28	19.16	23.13	1.82	1.42	163.02
1932	Dry	0.68	21.50	31.00	8.98	7.07	17.11	33.05	32.74	38.74	46.27	34.35	27.67	299.16
1933	Critical	18.90	17.20	9.85	10.25	8.76	13.71	23.01	22.49	21.83	26.30	19.74	14.38	206.42
1934	Critical	6.78	6.41	6.26	8.63	7.44	13.94	24.81	24.24	23.27	27.84	1.80	1.44	152.86
1935	Below Normal	23.18	28.15	27.82	8.88	8.39	15.59	41.63	42.07	13.02	55.10	55.10	46.83	365.76
1936	Below Normal	36.27	33.53	22.41	9.83	8.66	40.08	48.22	44.64	52.02	55.10	46.77	43.25	440.78
1937	Below Normal	37.52	34.38	28.79	29.46	38.97	55.10	35.74	40.41	48.25	49.59	43.16	38.78	480.15
1938	Wet	32.76	30.20	24.97	44.28	46.97	55.10	36.25	36.10	38.03	37.14	44.22	42.11	468.13
1939	Dry	28.03	25.99	23.56	39.23	49.50	55.10	42.12	40.70	50.47	50.41	46.65	42.87	494.63
1940	Above Normal	33.64	30.92	28.06	7.73	7.39	20.65	40.29	41.35	51.13	49.46	45.11	36.80	392.53
1941	Wet	27.20	25.03	15.96	12.49	19.27	55.10	28.86	34.11	41.66	43.02	35.80	32.21	370.71
1942	Wet	26.01	24.05	19.35	41.67	32.16	55.10	50.87	37.89	45.69	47.82	39.40	36.31	456.32
1943	Wet	30.39	27.87	22.83	30.43	36.65	55.10	48.23	42.51	50.22	51.61	45.64	41.01	482.49
1944	Dry	35.08	32.29	26.90	25.40	22.73	19.21	30.85	30.55	28.77	34.40	30.33	24.26	340.77
1945	Below Normal	14.69	12.87	6.73	10.72	9.25	47.90	38.31	42.43	50.87	52.29	44.36	41.03	371.45
1946	Below Normal	35.28	32.26	45.79	27.87	36.18	45.34	43.45	40.10	49.44	42.47	41.76	38.59	478.53
1947	Dry	32.75	29.99	24.79	30.49	27.42	24.99	44.58	42.75	41.29	46.79	44.74	38.71	429.29
1948	Below Normal	30.84	28.27	20.71	17.83	15.92	14.73	22.69	36.65	1.56	51.47	47.22	38.56	326.45
1949	Dry	28.81	26.48	16.98	11.63	9.72	16.64	44.76	42.42	41.16	46.18	44.42	38.84	368.04
1950	Below Normal	31.28	28.67	21.44	11.16	9.86	14.32	37.22	37.08	1.52	50.28	46.08	37.61	326.52
1951	Above Normal	27.94	25.69	26.39	55.10	39.28	55.10	35.09	41.12	49.99	50.17	42.84	39.62	488.33
1952	Wet	33.80	30.96	25.67	41.20	42.51	38.92	34.72	31.45	38.76	40.69	32.20	29.45	420.33
1953	Wet	23.23	21.41	35.84	30.99	38.76	55.10	44.19	37.19	47.03	39.83	38.65	34.56	446.78
1954	Above Normal	27.77	25.38	19.47	25.01	24.50	34.86	40.77	40.95	39.16	46.91	43.74	35.75	404.27
1955	Dry	26.20	24.13	15.17	8.82	8.78	19.14	34.59	34.47	32.57	38.89	35.82	29.24	307.82
1956	Wet	20.34	18.55	10.99	35.79	51.55	55.10	40.26	44.43	51.62	55.10	46.54	43.05	473.32
1957	Above Normal	37.21	34.22	28.63	34.56	31.64	30.04	34.55	34.23	13.02	48.73	44.38	36.25	407.46
1958	Wet	26.69	24.51	15.50	3.72	23.58	48.96	38.78	43.27	50.30	52.04	47.81	41.72	416.88
1959	Below Normal	35.74	33.00	27.54	38.64	36.89	51.85	38.20	37.97	18.80	49.55	45.36	37.00	450.54
1960	Dry	27.45	25.18	16.01	8.89	8.03	14.56	43.34	43.18	41.85	52.26	48.31	43.64	372.70
1961	Dry	33.99	31.28	21.26	11.26	10.69	14.19	37.06	36.86	35.30	42.02	38.55	33.46	345.92
1962	Below Normal	9.18	42.38	17.67	7.63	6.80	19.41	37.46	37.59	12.91	51.44	46.90	38.31	327.68
1963	Wet	28.53	26.28	16.87	19.05	24.09	39.12	42.63	39.59	49.13	47.64	41.16	38.07	412.16
1964	Dry	32.25	29.49	43.18	20.96	26.24	28.80	45.71	41.31	40.21	42.74	43.14	39.87	433.90
1965	Wet	34.15	31.20	25.95	37.51	41.69	39.04	42.03	38.32	48.22	46.64	40.18	36.62	461.55
1966	Below Normal	30.49	27.82	22.30	37.70	41.75	38.48	38.92	38.70	37.01	44.37	41.13	33.94	432.61
1967	Wet	24.91	22.89	14.63	7.04	25.20	39.95	44.96	41.17	48.98	51.39	43.03	39.65	403.80
1968	Below Normal	33.73	30.99	25.66	47.52	34.92	55.10	46.53	37.78	46.72	43.16	39.41	33.45	474.97
1969	Wet	25.22	23.13	15.77	23.84	42.63	55.10	32.13	37.05	44.73	38.13	45.24	37.18	420.15
1970	Wet	34.69	21.12	21.91	48.19	38.68	55.10	37.62	41.24	48.66	50.50	44.32	39.70	481.73
1971	Wet	33.91	31.03	25.77	36.61	48.75	41.23	37.43	38.01	36.33	43.79	40.19	32.79	445.84
1972	Below Normal	23.49	21.60	13.22	4.46	19.24	35.66	40.42	39.79	38.25	44.72	41.68	34.81	357.34
1973	Above Normal	26.06	23.94	15.84	8.56	28.95	51.54	36.84	42.56	50.89	52.34	44.36	41.01	422.89
1974	Wet	35.26	32.27	26.91	36.47	36.37	55.10	48.59	40.59	49.44	49.76	42.29	39.04	492.09
1975	Wet	33.14	30.40	25.14	34.80	34.54	51.29	46.46	42.23	50.85	51.73	44.04	40.76	485.38
1976	Critical	34.97	31.99	26.64	30.07	28.01	24.65	38.36	38.52	28.43	49.05	44.90	40.53	416.12
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	46.58	48.16	42.10	36.28	302.51
1979	Below Normal	29.70	27.09	21.16	24.94	22.84	44.84	44.52	40.38	49.53	49.10	41.98	38.79	434.87
1980	Above Normal	32.94	30.13	25.01	29.09	42.53	55.10	30.67	35.65	43.28	43.75	38.62	33.89	440.66
1981	Dry	27.77	25.60	20.77	34.36	32.29	42.39	38.50	39.24	32.31	51.38	46.76	39.97	431.34
1982	Wet	30.10	27.67	17.94	17.60	22.78	55.10	39.60	38.46	50.38	50.65	43.42	39.91	433.61
1983	Wet	33.86	42.75	55.10	29.84	49.77	55.10	27.09	26.92	43.92	32.06	28.65	29.68	454.74
1984	Wet	27.01	25.52	55.10	34.66	51.55	55.10	35.54	41.75	50.33	51.12	43.56	40.30	511.54
1985	Dry	34.46	31.59	45.16	25.24	32.42	46.47	42.98	39.64	38.60	40.91	41.24	38.11	456.82
1986	Wet	32.34	29.56	24.36	27.35	24.68	49.20	43.34	41.29	46.69	52.12	45.06	39.67	455.66
1987	Dry	33.67	31.08	25.74	28.42	31.47	21.81	22.61	21.99	21.20	25.17	19.06	13.93	296.15
1988	Critical	2.78	0.98	0.16	4.97	7.56	11.52	17.36	16.18	14.77	17.81	13.50	9.92	117.51
1989	Dry	0.61	0.46	0.16	1.57	7.04	11.67	41.96	42.68	41.03	51.96	47.66	40.66	287.46
1990	Critical	30.74	28.30	18.34	9.18	8.65	13.28	20.93	20.08	19.12	22.92	17.27	12.64	221.45
1991	Critical	1.99	0.51	0.11	4.15	6.60	11.22	17.51	16.46	15.40	20.85	15.64	11.45	121.89
1992	Critical	1.31	0.46	0.17	3.59	6.58	11.43	17.43	16.29	14.79	1.82	1.80	18.86	94.53
1993	Above Normal	10.23	0.58	12.49	7.19	20.21	34.83	41.57	39.31	49.19	51.33	43.41	38.05	348.39
1994	Critical	30.66	28.05	21.05	22.26	19.28	22.89	35.49	35.23	33.44	41.46	16.85	38.70	345.36
1995	Wet	12.87	43.88	36.59	7.55	16.91	29.33	47.55	43.24	51.18	44.97	52.26	43.89	430.22
1996	Wet	36.05	33.16	27.72	24.02	31.78	42.32	45.73	41.30	43.67	49.78	50.25	39.82	465.60
1997	Wet	34.03	31.15	25.90	43.22	46.67	55.10	39.00	38.46	46.12	48.05	40.07	36.75	484.52
1998	Wet	30.72	28.28	23.19	34.38	32.96	55.10	40.75	36.95	44.64	38.14	45.32	37.32	447.75
1999	Wet	34.99	32.71	29.42	30.27	49.77	55.10	39.54	41.26	47.73	49.73	46.33	39.93	496.78
2000	Above Normal	34.12	31.26	25.92	31.43	31.77	33.18	41.70	41.46	48.21	50.33	43.78	36.39	449.55
2001	Dry	27.36	25.19	16.67	11.79	10.62	14.40	23.45	23.07	22.35	26.99	20.34	14.82	237.05
2002	Dry	3.23	1.42	0.12	0.09	7.43	19.78	46.88	42.39	41.24	44.00	44.47	41.12	292.17
2003	Above Normal	35.37	32.35	37.87	4.68	9.89	20.45	35.61	35.44	1.35	48.05	44.14	36.02	341.22
	Average	26.82	25.71	21.94	21.45	24.42	34.69	36.96	36.00	35.75	42.72	37.87	33.48	377.80
	Wet	29.56	28.77	25.42	28.52	35.38	49.50	40.67	39.09	46.73	46.78	42.74	38.22	451.37
	Above Normal	29.79	26.24	23.19	21.21	24.47	35.60	38.94	39.33	37.07	49.06	43.63	37.81	406.34
	Below Normal	28.73	29.24	23.18	21.95	22.99	38.11	40.37	39.28	30.90	49.55	45.06	38.85	408.23
	Dry	23.21	22.69	20.61	16.51	17.61	23.01	36.99	36.59	34.75	42.63	38.94	33.36	346.89
	Critical	21.07	18.97	13.72	13.19	12.50	15.26	22.90	21.23	17.78	19.74	11.56	12.81	200.73

Difference in Energy generated (GWh) at Warne: Alternative3_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	9.11	8.88	0.15	0.02	1.96
1923	Below Normal	(0.16)	0.05	0.01	(14.37)	(17.43)	2.60	13.72	(3.63)	(23.48)	12.57	10.22	9.69	(0.85)
1924	Critical	10.03	9.27	8.59	5.71	4.52	1.81	2.12	2.37	2.61	(18.78)	(13.86)	(10.01)	0.37
1925	Dry	22.74	27.03	28.66	6.46	1.37	(20.47)	3.30	(5.72)	(5.88)	(7.02)	(6.44)	(5.25)	3.23
1926	Dry	(4.74)	(4.49)	(3.44)	2.03	0.30	1.10	3.14	3.79	3.88	6.35	5.80	4.73	1.54
1927	Wet	5.20	12.96	9.90	2.01	(1.67)	(0.39)	(0.91)	(0.89)	9.24	8.76	1.20	1.15	3.88
1928	Above Normal	1.20	1.08	0.99	(0.66)	(0.56)	(0.21)	(0.16)	0.10	(35.50)	7.16	6.89	6.10	(1.13)
1929	Critical	6.00	5.49	4.65	0.86	0.30	1.41	3.67	2.88	(14.22)	(17.01)	(12.55)	(9.07)	(2.30)
1930	Dry	(0.32)	(0.18)	3.26	6.64	0.27	0.34	1.76	1.75	(19.93)	8.19	8.29	7.08	1.43
1931	Critical	7.16	6.81	5.17	2.15	0.85	0.79	(0.49)	(0.54)	(0.59)	(0.71)	(16.09)	(11.63)	(0.59)
1932	Dry	(1.58)	20.69	30.83	3.48	(0.45)	0.90	1.66	1.71	9.44	11.40	2.92	2.24	6.94
1933	Critical	2.58	2.59	1.93	1.75	0.43	(0.74)	(0.71)	(2.37)	(2.14)	(2.41)	(2.75)	(2.43)	(0.36)
1934	Critical	1.01	2.55	6.11	1.29	0.61	0.79	2.14	2.23	2.15	2.48	0.00	0.00	1.78
1935	Below Normal	8.12	11.31	17.58	1.48	0.31	0.45	1.09	1.09	(26.43)	4.36	8.51	8.82	3.06
1936	Below Normal	7.99	7.50	5.74	0.02	(0.18)	(15.02)	9.85	0.52	8.95	9.30	0.58	0.54	2.98
1937	Below Normal	0.55	0.52	0.47	0.12	(2.39)	0.00	(0.65)	(0.57)	8.41	7.15	0.37	(0.61)	1.11
1938	Wet	(0.66)	(0.56)	(0.52)	8.07	4.15	1.46	4.24	(0.82)	2.27	(0.90)	5.89	6.97	2.47
1939	Dry	(0.88)	(0.81)	(0.74)	0.51	(0.27)	0.00	(3.92)	0.84	21.36	0.26	0.07	0.20	1.39
1940	Above Normal	0.34	0.31	(4.84)	(0.85)	(0.75)	(0.32)	(0.02)	(0.01)	11.32	0.33	0.00	0.00	0.46
1941	Wet	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	9.00	8.11	0.63	0.00	1.48
1942	Wet	0.00	0.00	0.00	(7.28)	(0.24)	0.00	0.14	(0.05)	8.95	8.69	(0.05)	(0.03)	0.84
1943	Wet	(0.03)	(0.04)	(0.04)	(0.92)	(2.49)	0.00	1.19	0.11	9.04	7.70	1.31	0.11	1.33
1944	Dry	0.13	0.10	0.10	(1.80)	(1.61)	(0.48)	(0.21)	(0.21)	(0.19)	(0.24)	(0.33)	(0.30)	(0.42)
1945	Below Normal	(0.38)	(0.38)	(0.28)	(0.10)	(0.04)	(0.52)	0.07	0.06	9.54	8.33	0.07	0.06	1.37
1946	Below Normal	0.06	0.05	0.05	0.00	0.00	0.15	0.16	0.16	10.74	1.28	0.19	0.17	1.08
1947	Dry	0.17	0.16	0.15	0.21	0.02	(0.17)	(0.07)	0.02	0.01	0.12	0.03	(0.08)	0.05
1948	Below Normal	(0.15)	(0.14)	(0.21)	(0.36)	(0.33)	(0.12)	0.02	0.11	0.00	(0.02)	(0.01)	(0.01)	(0.10)
1949	Dry	(0.01)	(0.01)	(0.01)	(0.03)	0.02	(0.05)	(0.02)	0.01	0.01	0.04	0.01	(0.01)	0.00
1950	Below Normal	(0.04)	(0.03)	(0.06)	(0.25)	(0.22)	(0.06)	(0.01)	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.06)
1951	Above Normal	(0.01)	(0.01)	(0.95)	11.56	(10.49)	0.00	0.00	0.00	9.99	7.74	0.00	0.00	1.49
1952	Wet	0.00	0.00	0.00	0.84	0.00	0.00	0.00	(0.49)	8.46	8.15	(0.60)	(0.45)	1.33
1953	Wet	(0.32)	(0.45)	(0.38)	(3.85)	7.18	0.00	(9.14)	(0.49)	11.34	0.00	(0.06)	0.25	0.34
1954	Above Normal	0.49	0.43	0.69	1.15	1.42	1.67	0.22	0.26	0.27	0.00	0.08	0.07	0.56
1955	Dry	0.05	0.06	0.04	0.18	(0.01)	(0.05)	(0.24)	(0.25)	(0.27)	(0.32)	(0.28)	(0.23)	(0.11)
1956	Wet	(0.22)	(0.20)	(0.16)	(0.32)	0.00	0.00	0.03	0.03	8.20	9.01	0.03	0.03	1.37
1957	Above Normal	0.03	0.03	0.02	2.18	(0.03)	(0.02)	0.02	0.01	11.33	0.34	0.00	0.00	1.16
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.13	7.17	2.45	0.00	1.48
1959	Below Normal	0.00	0.00	0.00	0.15	0.17	(2.05)	(0.82)	(0.88)	(15.76)	0.46	0.40	0.32	(1.50)
1960	Dry	0.31	0.26	0.20	(0.06)	(0.05)	0.08	0.10	0.00	0.01	(0.12)	(0.02)	(0.40)	0.03
1961	Dry	(0.27)	(0.25)	(0.08)	0.39	0.35	0.14	0.07	0.08	0.08	0.10	0.08	(0.04)	0.05
1962	Below Normal	(0.05)	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	11.33	0.34	0.00	0.01	0.97
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.81	6.92	0.00	0.00	1.48
1964	Dry	0.00	0.00	0.00	(0.01)	(0.07)	0.19	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	0.00
1965	Wet	(0.02)	(0.01)	(0.01)	0.11	0.03	(0.45)	0.01	0.06	11.38	6.65	0.20	0.15	1.51
1966	Below Normal	0.12	0.11	0.06	(0.20)	(0.21)	(0.12)	0.00	0.01	0.01	0.02	0.02	0.01	(0.01)
1967	Wet	0.00	0.00	0.00	(0.07)	(0.02)	(0.01)	0.00	(0.01)	8.99	8.73	(0.01)	(0.01)	1.47
1968	Below Normal	(0.01)	(0.01)	(4.33)	3.85	0.08	0.00	1.70	0.13	10.49	1.89	0.20	(0.28)	1.14
1969	Wet	(0.67)	(0.58)	(0.95)	(14.50)	(5.65)	0.00	(0.32)	(0.30)	8.69	(0.33)	6.45	1.64	(0.54)
1970	Wet	(0.33)	(0.30)	(0.28)	13.63	(0.85)	0.00	(2.14)	0.12	8.65	7.99	1.50	0.13	2.34
1971	Wet	0.13	0.12	0.11	(8.60)	13.85	(0.65)	(0.10)	(0.12)	(0.13)	0.07	0.07	0.05	0.40
1972	Below Normal	0.05	0.04	0.04	0.11	0.10	0.02	(0.01)	(0.02)	(0.02)	(0.04)	(0.03)	(0.01)	0.02
1973	Above Normal	0.00	(0.01)	0.01	0.05	0.04	0.03	0.00	0.01	9.36	8.39	0.01	0.01	1.49
1974	Wet	0.01	0.01	0.01	(8.33)	(13.40)	0.00	3.05	(0.11)	9.77	7.70	(0.14)	(0.10)	(0.13)
1975	Wet	(0.07)	(0.10)	(0.09)	0.33	1.49	(1.97)	0.42	0.41	10.07	8.53	0.45	0.41	1.66
1976	Critical	0.42	0.40	0.36	0.30	0.11	(0.05)	(0.20)	(0.21)	(0.35)	(0.27)	(0.25)	(0.28)	0.00
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	9.50	8.80	2.40	(0.34)	1.63
1979	Below Normal	(1.15)	(1.02)	(1.93)	(4.40)	(18.32)	(10.26)	9.19	0.48	10.75	8.00	0.53	0.51	(0.64)
1980	Above Normal	0.54	0.47	0.44	(2.89)	(5.23)	0.00	(1.02)	(0.93)	8.01	6.02	0.59	(0.93)	0.42
1981	Dry	(0.85)	(0.90)	(0.80)	(1.08)	(2.44)	6.07	0.73	0.86	27.04	(0.15)	(0.43)	0.18	2.35
1982	Wet	0.14	0.16	0.12	0.02	0.05	0.00	0.01	0.00	10.17	7.86	0.29	0.27	1.59
1983	Wet	(5.44)	6.00	0.00	0.00	0.00	0.00	0.00	0.00	9.00	0.00	6.79	1.95	1.53
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.81	7.93	0.00	0.00	1.48
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(5.90)	5.90	0.01	6.46	9.42	1.88	0.00	1.48
1987	Dry	0.01	0.00	0.01	(5.21)	0.01	0.01	(0.63)	(0.70)	(0.77)	(0.92)	(0.68)	(0.49)	(0.78)
1988	Critical	(0.29)	(0.24)	0.00	(0.19)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)
1989	Dry	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.04)	(0.04)	(0.04)	0.00	0.00	0.44	0.02
1990	Critical	0.41	0.38	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.09
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.07	0.11	0.08	0.06	0.03
1992	Critical	0.03	0.00	0.00	0.42	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.04
1993	Above Normal	0.21	0.00	0.56	0.00	(0.02)	(0.14)	(0.01)	0.02	11.35	6.58	0.14	0.09	1.57
1994	Critical	0.06	0.06	0.02	(0.13)	(0.10)	(0.04)	0.01	0.01	0.00	(0.01)	(0.24)	0.03	(0.03)
1995	Wet	0.88	(0.24)	(0.01)	0.00	0.00	(0.01)	0.00	0.00	9.00	0.10	6.89	2.05	1.56
1996	Wet	0.10	0.09	0.09	(14.83)	(10.32)	(6.16)	(0.64)	(0.63)	2.84	6.39	6.46	(0.64)	(1.44)
1997	Wet	(0.63)	(0.61)	(0.55)	3.36	0.04	0.00	0.68	0.10	9.10	8.67	0.29	0.11	1.71
1998	Wet	0.11	0.10	0.09	0.18	(15.17)	2.70	(0.02)	(0.52)	8.43	(0.63)	6.16	1.46	0.24
1999	Wet	1.05	(1.88)	(0.41)	(3.84)	1.69	0.00	(4.80)	0.08	7.75	7.05	3.20	0.08	0.83
2000	Above Normal	0.09	0.08	0.08	0.09	0.15	(0.52)	(0.14)	0.03	8.41	3.51	0.06	(0.13)	0.98
2001	Dry	(0.28)	(0.25)	(0.39)	(0.77)	(0.69)	(0.16)	0.14	0.16	0.17	0.21	0.15	0.11	(0.13)
2002	Dry	0.06	0.05	0.00	0.00	0.06	(0.02)	(0.13)	(0.13)	(0.13)	(0.14)	(0.13)	(0.13)	(0.05)
2003	Above Normal	(0.13)	(0.12)	(0.26)	0.37	0.34	0.12	0.00	0.00	0.00	0.00	(0.01)	0.00	0.03
	Average	0.72	1.26	1.29	(0.10)	(0.87)	(0.56)	0.52	0.01	3.60	2.95	0.56	0.18	0.80
	Wet	(0.03)	0.56	0.27	(1.31)	(0.82)	(0.44)	(0.09)	(0.14)	8.29	5.76	1.97	0.60	1.22
	Above Normal	0.23	0.19	(0.27)	1.40	(1.27)	(0.07)	(0.13)	0.01	4.43	4.81	0.86	0.41	0.89
	Below Normal	1.07	1.28	1.22	(1.00)	(2.75)	(1.78)	2.45	(0.18)	0.32	3.83	1.50	1.37	0.61
	Dry	0.81	2.30	3.21	0.61	(0.18)	(0.70)	0.31	0.12	1.93	0.99	0.50	0.45	0.86
	Critical	2.26	2.26	2.25	1.01	0.56	0.33	0.54	0.36	(1.04)	(3.05)	(3.81)	(2.78)	(0.09)

Percent Difference in Energy generated (GWh) at Warne: Alternative3_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%	24%	22%	0%	0%
1923	Below Normal	-1%	0%	0%	-32%	-35%	5%	36%	-10%	-65%	30%	26%	29%
1924	Critical	41%	41%	58%	43%	38%	12%	11%	13%	15%	-91%	-89%	-87%
1925	Dry	>1,000%	>1,000%	>1,000%	202%	20%	-58%	10%	-14%	-15%	-15%	-15%	-15%
1926	Dry	-19%	-19%	-23%	22%	3%	6%	13%	11%	11%	16%	16%	16%
1927	Wet	24%	67%	85%	31%	-15%	-1%	-2%	-2%	22%	20%	3%	3%
1928	Above Normal	3%	3%	4%	-2%	-2%	-1%	0%	0%	-86%	16%	16%	15%
1929	Critical	17%	17%	18%	3%	1%	8%	22%	17%	-90%	-90%	-87%	-86%
1930	Dry	-37%	-38%	>1,000%	274%	4%	3%	6%	6%	-73%	25%	30%	33%
1931	Critical	63%	72%	125%	27%	11%	6%	-2%	-3%	-3%	-3%	-90%	-89%
1932	Dry	-70%	>1,000%	>1,000%	63%	-6%	6%	5%	6%	32%	33%	9%	9%
1933	Critical	16%	18%	24%	21%	5%	-5%	-3%	-10%	-9%	-8%	-12%	-14%
1934	Critical	18%	66%	>1,000%	18%	9%	6%	9%	10%	10%	10%	0%	0%
1935	Below Normal	54%	67%	172%	20%	4%	3%	3%	3%	-67%	9%	18%	23%
1936	Below Normal	28%	29%	34%	0%	-2%	-27%	26%	1%	21%	20%	1%	1%
1937	Below Normal	1%	2%	2%	0%	-6%	0%	-2%	-1%	21%	17%	1%	-2%
1938	Wet	-2%	-2%	-2%	22%	10%	3%	13%	-2%	6%	-2%	15%	20%
1939	Dry	-3%	-3%	-3%	1%	-1%	0%	-9%	2%	73%	1%	0%	0%
1940	Above Normal	1%	1%	-15%	-10%	-9%	-2%	0%	0%	28%	1%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	28%	23%	2%	0%
1942	Wet	0%	0%	0%	-15%	-1%	0%	0%	0%	24%	22%	0%	0%
1943	Wet	0%	0%	0%	-3%	-6%	0%	3%	0%	22%	18%	3%	0%
1944	Dry	0%	0%	0%	-7%	-7%	-2%	-1%	-1%	-1%	-1%	-1%	-1%
1945	Below Normal	-3%	-3%	-4%	-1%	0%	-1%	0%	0%	23%	19%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	28%	3%	0%	0%
1947	Dry	1%	1%	1%	1%	0%	-1%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	-1%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-3%	27%	-21%	0%	0%	0%	25%	18%	0%	0%
1952	Wet	0%	0%	0%	2%	0%	0%	0%	-2%	28%	25%	-2%	-2%
1953	Wet	-1%	-2%	-1%	-11%	23%	0%	-17%	-1%	32%	0%	0%	1%
1954	Above Normal	2%	2%	4%	5%	6%	5%	1%	1%	1%	0%	0%	0%
1955	Dry	0%	0%	0%	2%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-1%	-1%	0%	0%	0%	0%	19%	20%	0%	0%
1957	Above Normal	0%	0%	0%	7%	0%	0%	0%	0%	670%	1%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	19%	16%	5%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-4%	-2%	-2%	-46%	1%	1%	1%
1960	Dry	1%	1%	1%	-1%	-1%	1%	0%	0%	0%	0%	0%	-1%
1961	Dry	-1%	-1%	0%	4%	3%	1%	0%	0%	0%	0%	0%	0%
1962	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	717%	1%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	28%	17%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	31%	17%	1%	0%
1966	Below Normal	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	22%	20%	0%	0%
1968	Below Normal	0%	0%	-14%	9%	0%	0%	4%	0%	29%	5%	1%	-1%
1969	Wet	-3%	-2%	-6%	-38%	-12%	0%	-1%	-1%	24%	-1%	17%	5%
1970	Wet	-1%	-1%	-1%	39%	-2%	0%	-5%	0%	22%	19%	4%	0%
1971	Wet	0%	0%	0%	-19%	40%	-2%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	3%	1%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	23%	19%	0%	0%
1974	Wet	0%	0%	0%	-19%	-27%	0%	7%	0%	25%	18%	0%	0%
1975	Wet	0%	0%	0%	1%	5%	-4%	1%	1%	25%	20%	1%	1%
1976	Critical	1%	1%	1%	1%	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%	26%	22%	6%	-1%
1979	Below Normal	-4%	-4%	-8%	-15%	-45%	-19%	26%	1%	28%	19%	1%	1%
1980	Above Normal	2%	2%	2%	-9%	-11%	0%	-3%	-3%	23%	16%	2%	-3%
1981	Dry	-3%	-3%	-4%	-3%	-7%	17%	2%	2%	513%	0%	-1%	0%
1982	Wet	0%	1%	1%	0%	0%	0%	0%	0%	25%	18%	1%	1%
1983	Wet	-14%	16%	0%	0%	0%	0%	0%	0%	26%	0%	31%	7%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	24%	18%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-11%	16%	0%	16%	22%	4%	0%
1987	Dry	0%	0%	0%	-15%	0%	0%	-3%	-3%	-4%	-4%	-3%	-3%
1988	Critical	-9%	-20%	0%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	1%
1990	Critical	1%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%
1992	Critical	2%	0%	0%	13%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	2%	0%	5%	0%	0%	0%	0%	0%	30%	15%	0%	0%
1994	Critical	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	-1%	0%
1995	Wet	7%	-1%	0%	0%	0%	0%	0%	0%	21%	0%	15%	5%
1996	Wet	0%	0%	0%	-38%	-25%	-13%	-1%	-2%	7%	15%	15%	-2%
1997	Wet	-2%	-2%	-2%	8%	0%	0%	2%	0%	25%	22%	1%	0%
1998	Wet	0%	0%	0%	1%	-32%	5%	0%	-1%	23%	-2%	16%	4%
1999	Wet	3%	-5%	-1%	-11%	4%	0%	-11%	0%	19%	17%	7%	0%
2000	Above Normal	0%	0%	0%	0%	0%	-2%	0%	0%	21%	7%	0%	0%
2001	Dry	-1%	-1%	-2%	-6%	-6%	-1%	1%	1%	1%	1%	1%	1%
2002	Dry	2%	4%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	-1%	9%	4%	1%	0%	0%	0%	0%	0%	0%
	Average	1%	4%	6%	8%	-1%	-1%	2%	0%	30%	6%	0%	-2%
	Wet	0%	3%	3%	-2%	-1%	-1%	0%	0%	22%	14%	5%	2%
	Above Normal	1%	1%	0%	8%	-3%	0%	0%	0%	65%	11%	2%	1%
	Below Normal	5%	7%	13%	-1%	-6%	-3%	6%	-1%	49%	9%	4%	4%
	Dry	-7%	-3%	-2%	30%	0%	-2%	1%	0%	30%	3%	2%	2%
	Critical	12%	16%	19%	10%	5%	2%	3%	2%	-6%	-15%	-23%	-23%

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: Alternative3_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	1.88	1.40	1.25	0.75	0.91	1.19	2.11	2.97	3.66	3.81	3.37	2.35	25.65
1923	Below Normal	1.76	1.18	1.07	2.32	2.24	1.48	1.63	2.54	3.10	3.24	2.78	2.01	25.35
1924	Critical	1.19	0.84	0.75	0.85	0.78	0.59	0.82	1.02	1.93	2.01	0.16	1.35	12.29
1925	Dry	1.01	0.82	0.79	0.32	0.30	0.48	1.44	2.38	2.89	3.02	2.54	1.87	17.86
1926	Dry	0.94	0.70	0.63	0.33	0.31	0.60	1.09	2.73	3.31	3.46	2.91	2.14	19.15
1927	Wet	1.09	0.81	0.73	0.38	0.53	1.05	1.75	2.45	3.02	3.14	2.78	1.94	19.67
1928	Above Normal	1.46	0.98	0.89	1.73	1.60	0.92	1.75	2.45	3.01	3.13	2.75	1.93	22.60
1929	Critical	1.40	0.95	0.86	1.45	1.31	0.78	0.78	0.97	1.83	0.11	2.28	1.26	13.98
1930	Dry	0.81	0.69	0.69	0.29	0.29	0.44	1.23	1.95	2.55	2.67	2.26	1.55	15.42
1931	Critical	0.81	0.62	0.58	0.29	0.28	0.40	0.79	0.99	1.86	1.94	0.15	1.30	10.01
1932	Dry	0.98	0.79	0.76	0.29	0.40	0.54	1.33	2.20	2.68	2.80	2.35	1.73	16.85
1933	Critical	0.87	0.65	0.58	0.29	0.27	0.42	0.91	1.13	2.13	2.22	1.96	0.98	12.41
1934	Critical	0.60	0.51	0.55	0.28	0.26	0.44	0.98	1.29	2.25	2.35	0.19	1.63	11.33
1935	Below Normal	1.21	0.96	0.92	0.28	0.31	0.51	1.76	2.92	2.79	3.84	3.25	2.42	21.17
1936	Below Normal	1.29	0.98	0.88	0.26	0.43	1.02	1.90	2.66	3.27	3.40	3.01	2.11	21.21
1937	Below Normal	1.58	1.07	0.97	1.64	1.50	1.42	2.30	3.14	3.86	4.01	3.55	2.49	27.53
1938	Wet	1.87	1.27	1.15	2.23	2.59	1.80	2.34	3.20	3.94	4.10	3.63	2.54	30.66
1939	Dry	1.91	1.29	1.17	2.37	2.20	1.41	1.70	2.74	3.34	3.49	2.96	2.15	26.73
1940	Above Normal	1.16	0.84	0.76	0.26	0.26	0.70	1.70	2.87	3.48	3.63	3.06	2.25	20.97
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	1.12	1.00	0.70	1.25	1.96	2.58	2.69	2.29	1.56	19.19
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	3.40	2.93	2.10	19.78
1950	Below Normal	1.32	0.93	0.84	0.48	0.43	0.49	1.53	2.53	3.06	3.20	2.69	1.98	19.48
1951	Above Normal	1.01	0.76	0.68	1.05	1.10	1.24	1.73	2.49	3.08	3.20	2.83	1.98	21.15
1952	Wet	1.48	0.99	0.89	2.07	2.06	1.47	1.91	2.70	3.31	3.44	3.05	2.14	25.51
1953	Wet	1.61	1.10	1.19	2.36	2.18	1.45	1.62	2.36	2.90	3.02	2.63	1.87	24.29
1954	Above Normal	1.25	0.85	0.77	1.28	1.34	1.14	1.73	2.87	3.49	3.64	3.06	2.25	23.67
1955	Dry	1.13	0.84	0.75	0.38	0.44	0.59	1.39	2.32	2.82	2.94	2.47	1.82	17.89
1956	Wet	0.91	0.68	0.60	0.97	1.23	1.40	2.03	2.84	3.50	3.64	3.22	2.25	23.27
1957	Above Normal	1.68	1.13	1.02	1.91	1.75	1.11	1.40	2.33	2.24	3.07	2.60	1.93	22.17
1958	Wet	1.02	0.77	0.70	0.53	0.92	1.36	2.42	3.33	4.10	4.26	3.77	2.64	25.82
1959	Below Normal	1.97	1.33	1.20	2.20	2.11	1.38	1.57	2.61	3.18	3.32	2.79	2.05	25.71
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	0.38	0.38	0.45	1.52	2.52	3.05	3.18	2.68	1.97	19.09
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	2.39	1.49	1.74	2.48	3.06	3.18	2.82	1.97	26.06
1971	Wet	1.47	0.98	0.89	2.04	1.91	1.22	1.59	2.71	3.30	3.45	2.90	2.14	24.60
1972	Below Normal	1.07	0.80	0.71	0.57	0.71	0.90	1.68	2.72	3.31	3.46	2.93	2.14	21.00
1973	Above Normal	1.16	0.84	0.75	0.73	1.10	1.13	1.77	2.52	3.11	3.24	2.86	2.00	21.21
1974	Wet	1.50	1.01	0.91	2.15	2.18	1.58	1.97	2.72	3.36	3.49	3.08	2.16	26.11
1975	Wet	1.61	1.08	0.97	2.09	1.87	1.52	1.80	2.47	3.05	3.17	2.80	1.96	24.39
1976	Critical	1.46	0.98	0.89	1.74	1.54	0.97	1.58	2.62	3.18	3.32	2.79	2.05	23.12
1977	Critical	1.04	0.77	0.69	0.23	0.22	0.30	0.56	0.70	0.00	0.00	0.16	2.28	6.95
1978	Above Normal	0.67	1.26	1.16	0.21	0.47	0.91	1.74	2.48	3.04	3.17	2.77	1.96	19.84
1979	Below Normal	1.34	0.92	0.83	1.28	1.21	1.31	1.85	2.59	3.19	3.31	2.93	2.05	22.81
1980	Above Normal	1.54	1.04	0.94	1.87	2.02	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	1.85	1.10	2.10	2.84	3.46	3.59	3.20	2.24	27.41
1984	Wet	1.91	1.39	1.28	2.84	2.08	1.23	1.72	2.49	3.07	3.19	2.82	1.97	25.99
1985	Dry	1.47	0.98	1.09	1.99	1.78	1.38	1.66	2.35	2.90	3.02	2.67	1.86	23.15
1986	Wet	1.39	0.93	0.84	1.51	1.37	1.55	2.17	2.94	3.58	3.71	3.31	2.32	25.62
1987	Dry	1.77	1.23	1.12	1.91	1.72	0.85	0.88	1.09	2.04	2.13	1.88	0.94	17.56
1988	Critical	0.59	0.50	0.53	0.23	0.27	0.31	0.59	0.74	1.40	1.46	1.29	0.64	8.55
1989	Dry	0.39	0.33	0.35	0.22	0.24	0.32	1.76	2.95	3.57	3.73	3.14	2.31	19.31
1990	Critical	1.18	0.89	0.80	0.23	0.24	0.38	0.79	0.98	1.84	1.92	1.69	0.84	11.78
1991	Critical	0.52	0.44	0.47	0.22	0.21	0.31	0.61	0.76	1.43	1.50	1.32	0.65	8.44
1992	Critical	0.40	0.34	0.36	0.22	0.21	0.30	0.59	0.74	1.39	1.19	0.11	1.38	7.23
1993	Above Normal	0.68	0.55	0.53	0.22	0.77	0.92	1.70	2.55	3.12	3.25	2.81	2.01	19.11
1994	Critical	1.28	0.89	0.80	1.09	0.97	0.80	1.45	2.40	2.92	3.05	2.56	1.89	20.10
1995	Wet	0.95	0.71	0.63	0.23	0.72	0.85	2.22	3.04	3.74	3.89	3.44	2.41	22.83
1996	Wet	1.81	1.23	1.11	1.20	1.22	1.14	1.79	2.47	3.04	3.16	2.80	1.96	22.93
1997	Wet	1.46	0.98	0.89	2.07	2.07	1.63	2.05	2.83	3.49	3.63	3.21	2.24	26.55
1998	Wet	1.68	1.13	1.02	1.95	2.21	1.61	2.06	2.94	3.62	3.77	3.34	2.33	27.66
1999	Wet	1.95	1.38	1.27	2.29	2.33	1.52	1.75	2.50	3.08	3.20	2.83	1.98	26.08
2000	Above Normal	1.48	0.99	0.90	1.71	1.72	1.24	1.75	2.82	3.43	3.58	3.03	2.21	24.86
2001	Dry	1.18	0.87	0.78	0.42	0.39	0.46	0.94	1.17	2.19	2.29	2.01	1.01	13.71
2002	Dry	0.63	0.53	0.57	0.41	0.48	0.64	1.76	2.41	2.97	3.09	2.73	1.91	18.13
2003	Above Normal	1.43	0.96	0.87	0.67	0.60	0.67	1.42	2.37	2.88	3.02	2.53	1.86	19.28
	Average	1.29	0.92	0.85	1.15	1.14	0.99	1.62	2.40	3.00	3.12	2.67	1.96	21.10
	Wet	1.45	1.01	0.92	1.62	1.65	1.35	1.97	2.75	3.38	3.52	3.11	2.18	24.89
	Above Normal	1.28	0.97	0.88	1.03	1.14	1.06	1.73	2.63	3.16	3.36	2.90	2.08	22.21
	Below Normal	1.37	0.97	0.89	1.17	1.11	1.05	1.68	2.65	3.18	3.39	2.91	2.10	22.47
	Dry	1.21	0.87	0.83	0.92	0.84	0.73	1.48	2.35	2.96	3.09	2.64	1.86	19.78
	Critical	0.95	0.70	0.66	0.59	0.55	0.50	0.87	1.20	1.85	1.76	1.22	1.35	12.18

Difference in Energy Use (GWh) At Pumping Plant at Badger Hill: Alternative3_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.14	0.14	0.16	0.31	0.49	0.60	0.63	0.56	0.38	0.28
1923	Below Normal	0.29	0.19	0.18	0.26	0.28	0.16	(0.02)	(0.12)	(0.15)	(0.15)	(0.10)	(0.10)	0.06
1924	Critical	0.05	0.01	0.01	0.35	0.31	0.12	0.12	0.14	0.28	0.29	(1.36)	0.60	0.08
1925	Dry	0.54	0.43	0.37	0.10	0.08	(0.30)	(0.27)	(0.45)	(0.54)	(0.56)	(0.47)	(0.35)	(0.12)
1926	Dry	(0.19)	(0.14)	(0.13)	0.09	0.03	0.04	0.13	0.27	0.34	0.36	0.30	0.22	0.11
1927	Wet	0.11	0.08	0.07	(0.02)	(0.06)	(0.02)	(0.04)	(0.06)	(0.07)	(0.07)	(0.06)	(0.05)	(0.02)
1928	Above Normal	(0.03)	(0.02)	(0.01)	(0.03)	(0.03)	(0.02)	0.00	0.04	0.04	0.05	0.03	0.02	0.00
1929	Critical	(0.01)	(0.01)	(0.01)	0.01	0.01	0.08	0.20	0.18	0.34	(1.44)	0.91	0.58	0.07
1930	Dry	0.39	0.34	0.31	0.07	0.02	0.02	0.06	0.20	0.07	0.08	0.04	0.14	0.15
1931	Critical	0.04	0.02	0.00	0.07	0.04	0.04	(0.03)	(0.03)	(0.05)	(0.05)	(1.60)	0.42	(0.09)
1932	Dry	0.44	0.33	0.27	0.04	0.02	0.02	0.07	0.16	0.11	0.11	0.08	0.12	0.15
1933	Critical	0.05	0.03	0.01	0.06	0.01	(0.05)	(0.04)	(0.24)	(0.18)	(0.19)	(0.14)	(0.17)	(0.07)
1934	Critical	(0.08)	(0.05)	(0.03)	0.05	0.05	0.05	0.10	0.19	0.20	0.21	(1.69)	0.69	(0.03)
1935	Below Normal	0.62	0.47	0.39	0.05	0.01	0.01	0.06	0.09	(0.65)	0.25	0.23	0.20	0.14
1936	Below Normal	0.16	0.13	0.12	0.00	(0.02)	(0.21)	0.06	0.03	0.04	0.04	0.03	0.03	0.03
1937	Below Normal	0.02	0.01	0.01	0.01	(0.22)	0.46	0.08	0.11	0.14	0.14	0.12	0.09	0.08
1938	Wet	0.06	0.04	0.04	(0.24)	0.22	0.40	0.00	(0.21)	(0.22)	(0.21)	(0.21)	(0.01)	(0.03)
1939	Dry	0.00	0.00	0.00	0.00	(0.02)	(0.02)	0.01	0.00	0.00	0.00	0.01	(0.01)	0.00
1940	Above Normal	0.01	0.00	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)	(0.30)	(0.27)	(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	0.01	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.18)	(0.19)	(0.19)	(0.19)	(0.13)	(0.07)
1953	Wet	(0.12)	(0.11)	(0.11)	(0.16)	(0.18)	(0.07)	0.00	(0.04)	(0.04)	(0.05)	(0.03)	(0.03)	(0.08)
1954	Above Normal	0.02	0.00	0.01	0.08	0.08	0.04	0.02	0.02	0.03	0.03	0.02	0.02	0.03
1955	Dry	0.01	0.00	0.00	(0.01)	0.00	0.00	(0.02)	(0.02)	(0.02)	(0.03)	(0.02)	(0.01)	(0.01)
1956	Wet	(0.01)	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.59)	0.11	0.11	0.10	(0.02)
1958	Wet	0.10	0.08	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1959	Below Normal	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.05)	(0.08)	(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	0.03	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	0.09	(0.03)	0.00	0.01	0.01	0.01	0.01	0.01	0.03
1971	Wet	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1972	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.06)	(0.10)	(0.12)	(0.13)	(0.12)	(0.07)	(0.05)
1975	Wet	(0.06)	(0.04)	(0.04)	(0.05)	(0.04)	0.00	0.02	0.02	0.03	0.03	0.03	0.02	(0.01)
1976	Critical	0.01	0.01	0.01	0.01	0.01	0.00	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	(0.01)	0.00
1977	Critical	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.46)	(0.04)
1978	Above Normal	(0.42)	0.45	0.42	0.00	0.00	(0.02)	0.01	0.10	0.11	0.13	0.08	0.08	0.08
1979	Below Normal	(0.07)	(0.03)	(0.03)	(0.30)	(0.27)	0.01	0.00	(0.05)	(0.06)	(0.07)	(0.06)	(0.04)	(0.08)
1980	Above Normal	(0.03)	(0.02)	(0.02)	(0.05)	(0.02)	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	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.01	0.01	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.05)	(0.08)	(0.08)	(0.07)	(0.04)	(0.03)
1988	Critical	(0.02)	(0.02)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.26)	0.00	0.07	(0.02)
1993	Above Normal	0.07	0.07	0.06	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.02
1994	Critical	0.00	(0.01)	(0.01)	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	(0.94)	(0.82)	(0.34)	(0.06)	(0.07)	(0.10)	(0.10)	(0.09)	(0.06)	(0.22)
1997	Wet	(0.05)	(0.03)	(0.03)	(0.03)	(0.03)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	(0.01)	(0.02)
1998	Wet	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.37)	(0.45)	(0.46)	(0.41)	(0.29)	(0.17)
1999	Wet	(0.03)	(0.16)	(0.15)	(0.17)	(0.14)	(0.21)	0.00	0.01	0.01	0.01	0.01	0.01	(0.07)
2000	Above Normal	0.01	0.00	0.01	0.01	0.01	0.00	0.00	0.02	0.02	0.02	0.01	0.01	0.01
2001	Dry	(0.02)	0.00	0.00	(0.05)	(0.04)	(0.02)	0.01	0.01	0.01	0.02	0.01	0.01	(0.01)
2002	Dry	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00
2003	Above Normal	(0.01)	(0.01)	(0.01)	0.02	0.01	0.01	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
	Average	0.02	0.02	0.02	(0.02)	(0.01)	0.01	0.01	(0.00)	(0.02)	(0.02)	(0.05)	0.02	(0.00)
	Wet	0.01	(0.01)	(0.01)	(0.07)	(0.03)	(0.01)	(0.01)	(0.04)	(0.05)	(0.05)	(0.05)	(0.03)	(0.03)
	Above Normal	(0.03)	0.04	0.04	0.01	0.01	0.05	0.01	0.05	0.01	0.07	0.06	0.04	0.03
	Below Normal	0.07	0.06	0.05	(0.00)	(0.02)	0.03	0.01	0.01	(0.05)	0.02	0.02	0.01	0.02
	Dry	0.06	0.05	0.04	(0.01)	(0.02)	(0.02)	(0.00)	0.01	(0.00)	(0.00)	(0.00)	0.01	0.01
	Critical	0.00	(0.00)	(0.00)	0.05	0.04	0.02	0.03	0.02	0.05	(0.12)	(0.33)	0.14	(0.01)

Percent Difference in Energy Use (GWh) At Pumping Plant at Badger Hill: Alternative3_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	23%	18%	16%	17%	20%	20%	20%	20%	19%
1923	Below Normal	20%	19%	20%	13%	14%	12%	-1%	-5%	-5%	-4%	-3%	-5%
1924	Critical	4%	1%	1%	70%	66%	26%	17%	16%	17%	17%	-89%	80%
1925	Dry	115%	110%	88%	45%	36%	-38%	-16%	-16%	-16%	-16%	-16%	-16%
1926	Dry	-17%	-17%	-17%	38%	11%	7%	14%	11%	11%	12%	11%	11%
1927	Wet	11%	11%	11%	-5%	-10%	-2%	-2%	-2%	-2%	-2%	-2%	-3%
1928	Above Normal	-2%	-2%	-1%	-2%	-2%	-2%	0%	2%	1%	2%	1%	1%
1929	Critical	-1%	-1%	-1%	1%	1%	11%	34%	23%	23%	-93%	66%	85%
1930	Dry	93%	97%	82%	32%	7%	5%	5%	11%	3%	3%	2%	10%
1931	Critical	5%	3%	0%	32%	17%	11%	-4%	-3%	-3%	-3%	-91%	48%
1932	Dry	81%	72%	55%	16%	5%	4%	6%	8%	4%	4%	4%	7%
1933	Critical	6%	5%	2%	26%	4%	-11%	-4%	-18%	-8%	-8%	-7%	-15%
1934	Critical	-12%	-9%	-5%	22%	24%	13%	11%	17%	10%	10%	-90%	73%
1935	Below Normal	105%	96%	74%	22%	3%	2%	4%	3%	-19%	7%	8%	9%
1936	Below Normal	14%	15%	16%	0%	-4%	-17%	3%	1%	1%	1%	1%	1%
1937	Below Normal	1%	1%	1%	1%	-13%	48%	4%	4%	4%	4%	3%	4%
1938	Wet	3%	3%	4%	-10%	9%	29%	0%	-6%	-5%	-5%	-5%	0%
1939	Dry	0%	0%	0%	0%	-1%	-1%	1%	0%	0%	0%	0%	0%
1940	Above Normal	1%	0%	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%	-21%	-21%	-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%	9%	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%	4%	-2%	0%	0%	0%	0%	0%	1%
1971	Wet	1%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1972	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	-1%	-3%	-4%	-3%	-4%	-4%	-3%
1975	Wet	-4%	-4%	-4%	-2%	-2%	0%	1%	1%	1%	1%	1%	1%
1976	Critical	1%	1%	1%	1%	1%	0%	-1%	0%	-1%	-1%	-1%	0%
1977	Critical	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-17%
1978	Above Normal	-39%	56%	57%	0%	0%	-2%	1%	4%	4%	4%	3%	4%
1979	Below Normal	-5%	-3%	-3%	-19%	-18%	1%	0%	-2%	-2%	-2%	-2%	-2%
1980	Above Normal	-2%	-2%	-2%	-3%	-1%	38%	-8%	-4%	-4%	-4%	-4%	-4%
1981	Dry	-5%	-7%	-6%	-6%	-7%	1%	3%	3%	3%	3%	3%	3%
1982	Wet	3%	3%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-3%	-4%	-4%	-4%	-4%	-4%
1988	Critical	-3%	-4%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-18%	0%	5%
1993	Above Normal	11%	15%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	-1%	-1%	0%	-1%	-1%	0%	0%	0%	0%	0%	1%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	-44%	-40%	-23%	-3%	-3%	-3%	-3%	-3%	-3%
1997	Wet	-3%	-3%	-3%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	-1%	0%	0%	0%	-11%	-11%	-11%	-11%	-11%
1999	Wet	-2%	-10%	-11%	-7%	-6%	-12%	0%	0%	0%	0%	0%	1%
2000	Above Normal	1%	0%	1%	1%	1%	0%	0%	1%	1%	1%	0%	0%
2001	Dry	-2%	0%	0%	-11%	-9%	-4%	1%	1%	0%	1%	0%	1%
2002	Dry	2%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
2003	Above Normal	-1%	-1%	-1%	3%	2%	2%	0%	0%	0%	0%	0%	0%
	Average	5%	5%	4%	2%	1%	1%	1%	0%	0%	-1%	-3%	3%
	Wet	1%	0%	0%	-3%	-1%	-1%	0%	-1%	-1%	-1%	-1%	-1%
	Above Normal	-2%	5%	6%	1%	1%	4%	1%	2%	0%	2%	2%	2%
	Below Normal	9%	9%	8%	1%	-2%	3%	1%	0%	-1%	0%	1%	1%
	Dry	15%	14%	11%	6%	1%	-2%	0%	1%	0%	0%	0%	1%
	Critical	0%	0%	-1%	13%	9%	4%	5%	3%	3%	-8%	-18%	22%

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: Alternative3_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	47.74	47.77	42.33	37.42	463.53
1923	Below Normal	33.60	29.90	25.79	51.50	49.72	58.46	46.57	20.09	11.55	57.38	53.44	46.98	484.98
1924	Critical	39.11	34.70	28.51	25.68	24.97	18.26	23.05	28.11	19.62	1.93	1.78	1.47	247.19
1925	Dry	24.22	33.24	43.86	8.73	9.94	14.43	32.09	37.04	37.27	39.80	39.86	34.75	355.23
1926	Dry	26.07	22.91	17.62	11.69	12.58	18.79	27.22	41.87	35.76	46.47	46.60	38.66	346.24
1927	Wet	16.16	37.03	28.57	11.28	15.44	35.22	40.36	40.16	38.76	49.29	44.74	40.14	397.15
1928	Above Normal	36.68	32.78	28.71	43.40	42.98	26.88	41.23	41.05	7.90	48.23	49.62	44.63	444.09
1929	Critical	40.46	36.33	31.68	40.25	37.89	22.92	21.89	26.82	4.56	1.94	1.81	1.47	268.02
1930	Dry	3.39	3.15	37.25	8.20	9.57	13.19	28.92	33.64	8.67	41.51	40.37	35.21	263.07
1931	Critical	24.99	21.43	16.43	10.19	11.09	12.97	22.43	27.23	27.75	18.70	1.82	1.44	196.47
1932	Dry	5.16	13.71	44.04	8.16	10.27	16.24	29.85	34.39	40.97	44.87	36.97	32.27	316.90
1933	Critical	23.98	21.01	16.03	10.69	11.44	13.56	25.08	30.77	31.71	31.74	28.25	9.79	254.05
1934	Critical	12.69	11.74	18.18	8.17	9.23	13.41	26.41	32.10	32.84	19.49	1.80	1.47	187.53
1935	Below Normal	18.51	36.35	43.07	8.55	10.60	15.28	38.36	36.83	11.81	52.33	60.56	53.88	386.13
1936	Below Normal	41.70	36.95	29.05	11.42	13.97	34.30	43.28	43.29	51.36	52.47	46.21	41.34	445.34
1937	Below Normal	37.82	33.84	29.63	46.08	48.55	56.17	37.08	40.74	49.39	48.44	43.83	38.71	510.28
1938	Wet	34.88	31.14	27.02	51.49	49.74	55.13	36.09	37.82	40.39	39.28	46.28	42.10	491.36
1939	Dry	32.15	28.55	25.44	51.75	49.99	58.01	38.48	42.61	33.05	49.63	36.18	48.29	494.13
1940	Above Normal	38.48	16.40	41.14	5.85	7.34	19.40	37.03	44.01	47.54	48.83	49.02	42.79	397.83
1941	Wet	32.83	29.00	22.60	16.24	21.10	50.25	31.10	35.33	43.69	43.24	38.36	33.63	397.37
1942	Wet	29.76	26.44	22.58	51.50	49.73	58.42	45.49	37.59	46.12	46.11	40.50	35.96	490.20
1943	Wet	32.37	28.79	24.88	44.63	49.69	48.79	44.22	42.42	50.93	49.91	45.63	40.55	502.81
1944	Dry	36.81	32.86	28.58	32.66	30.56	20.94	29.15	34.20	34.36	36.25	35.49	30.83	382.69
1945	Below Normal	21.62	18.36	14.03	10.83	11.86	49.37	37.95	41.09	50.24	49.13	43.83	39.22	387.53
1946	Below Normal	35.71	31.89	37.27	46.86	35.20	38.30	39.01	39.03	49.12	40.14	41.81	37.35	471.69
1947	Dry	33.83	30.18	26.24	45.02	43.72	28.27	40.27	43.39	44.00	45.74	46.41	41.01	468.08
1948	Below Normal	34.00	30.22	24.83	25.73	24.46	16.38	24.64	31.99	3.72	50.88	50.81	44.49	362.15
1949	Dry	34.09	30.20	23.56	11.92	12.66	16.19	40.35	42.74	43.53	44.99	45.71	40.48	386.42
1950	Below Normal	34.00	30.27	25.11	10.78	11.10	13.68	34.00	39.26	1.57	50.62	50.34	43.85	344.58
1951	Above Normal	33.51	29.50	27.24	51.20	45.58	54.56	35.17	40.11	49.72	47.49	42.94	38.39	495.41
1952	Wet	34.86	31.10	27.06	51.45	51.19	37.68	32.64	32.75	40.86	41.18	35.59	31.15	447.51
1953	Wet	27.32	24.14	39.17	51.49	49.71	54.47	39.70	37.20	47.79	38.85	40.05	35.52	485.41
1954	Above Normal	30.55	27.08	22.74	35.55	35.57	34.39	37.62	43.70	43.95	44.65	47.97	41.86	445.63
1955	Dry	32.08	28.29	21.98	11.89	13.99	18.63	31.34	36.26	36.35	38.89	39.05	34.06	342.81
1956	Wet	25.52	22.36	17.18	36.95	46.90	55.46	40.29	43.77	51.68	53.28	47.03	42.00	482.42
1957	Above Normal	38.37	34.30	29.90	51.91	49.34	33.20	31.34	27.42	11.81	48.34	47.93	41.85	445.71
1958	Wet	31.76	27.95	21.72	9.63	24.15	50.09	40.23	43.97	51.83	51.18	48.10	42.03	442.64
1959	Below Normal	38.20	34.05	29.56	51.91	50.07	52.87	34.93	40.26	14.58	48.93	48.87	42.79	487.02
1960	Dry	32.74	28.94	22.47	10.39	10.69	14.45	39.82	45.58	33.99	51.56	40.64	48.83	380.10
1961	Dry	38.51	34.23	27.09	14.56	15.17	14.52	33.84	39.04	39.47	42.05	36.12	23.98	358.58
1962	Below Normal	6.81	34.08	37.61	5.97	7.00	18.17	34.23	39.85	12.10	51.33	51.13	44.59	342.87
1963	Wet	34.11	30.08	23.51	21.28	24.77	33.18	38.27	38.54	48.85	45.00	41.25	36.88	415.72
1964	Dry	33.39	29.75	37.73	39.51	25.73	27.33	40.98	40.04	40.96	41.21	42.79	38.25	437.67
1965	Wet	34.83	31.04	27.10	41.75	44.00	35.82	37.67	37.50	46.41	43.90	40.43	36.01	456.46
1966	Below Normal	32.02	28.46	24.41	46.29	48.12	37.12	36.16	41.26	39.04	44.72	45.49	39.63	462.72
1967	Wet	30.89	27.18	21.30	13.33	27.18	34.65	41.02	40.95	49.53	49.59	44.08	39.15	418.85
1968	Below Normal	35.46	31.60	27.43	51.47	51.46	53.91	42.31	39.52	49.17	42.04	42.95	37.63	504.95
1969	Wet	30.31	26.71	21.41	28.77	49.52	56.02	34.58	38.39	46.88	39.77	46.87	36.75	455.98
1970	Wet	35.50	26.55	25.03	51.53	49.75	56.80	36.40	40.17	48.27	47.69	42.99	38.41	499.09
1971	Wet	34.92	31.13	27.11	51.45	49.66	42.51	34.67	40.76	39.85	44.18	44.75	38.92	479.91
1972	Below Normal	29.72	26.12	20.23	11.11	21.46	30.54	37.15	41.85	42.33	44.72	45.34	39.64	390.21
1973	Above Normal	31.31	27.63	21.89	16.46	31.14	41.31	36.77	41.32	50.37	49.34	44.06	39.39	430.99
1974	Wet	35.90	32.05	27.99	51.45	49.70	50.93	43.98	40.23	49.86	47.83	43.27	38.53	511.72
1975	Wet	34.90	31.06	26.93	50.81	49.63	48.07	41.55	40.75	50.08	48.48	43.36	38.85	504.47
1976	Critical	35.31	31.55	27.59	44.47	43.63	28.03	35.06	40.79	18.72	48.55	36.78	46.19	436.67
1977	Critical	35.49	31.47	24.49	10.38	10.74	11.20	11.77	2.53	1.67	2.09	1.84	1.49	145.16
1978	Above Normal	0.63	8.48	26.81	5.92	10.52	27.62	37.61	38.56	46.95	45.68	41.23	36.56	326.57
1979	Below Normal	31.81	28.21	23.92	36.30	35.37	40.93	40.14	39.52	49.43	46.63	42.14	37.60	452.00
1980	Above Normal	34.02	30.31	26.44	44.33	51.43	57.54	32.50	36.54	44.95	43.45	39.64	34.87	476.02
1981	Dry	31.07	27.60	23.67	51.67	50.01	41.87	35.18	41.58	25.81	50.35	44.81	45.81	469.43
1982	Wet	35.13	31.16	24.25	20.06	23.93	56.65	41.72	41.14	51.00	50.17	46.14	40.70	462.05
1983	Wet	36.84	38.13	53.94	51.53	49.74	55.99	29.27	30.93	43.96	36.78	36.03	30.68	493.82
1984	Wet	31.24	28.15	54.12	51.54	51.51	56.15	35.50	40.62	49.94	48.25	43.49	38.93	529.44
1985	Dry	35.35	31.59	37.60	45.68	46.71	43.49	38.36	38.32	39.28	39.42	40.86	36.52	473.18
1986	Wet	33.07	29.51	25.69	42.34	39.63	44.95	41.37	41.70	47.77	51.09	45.10	39.83	482.05
1987	Dry	36.06	32.25	27.93	51.94	49.68	27.90	24.50	29.91	30.72	30.53	27.31	23.28	392.01
1988	Critical	12.60	8.97	7.37	6.13	9.17	10.40	17.72	21.01	21.25	21.40	19.02	16.17	171.21
1989	Dry	7.99	5.87	4.97	4.07	8.00	10.36	38.68	45.54	34.64	51.49	46.32	46.82	304.75
1990	Critical	36.13	32.02	24.96	10.92	11.73	13.08	22.32	27.01	27.66	27.66	24.62	20.97	279.08
1991	Critical	11.03	7.80	6.54	5.57	7.73	10.16	17.98	20.01	13.02	24.84	21.89	18.79	165.36
1992	Critical	9.38	5.94	6.05	4.93	7.36	9.77	17.77	21.08	21.24	1.91	1.80	16.75	123.98
1993	Above Normal	22.20	2.04	26.97	6.38	19.20	28.87	37.74	39.88	37.51	49.22	45.42	40.20	355.63
1994	Critical	33.98	30.21	25.07	30.86	29.56	23.94	32.26	37.18	31.63	41.22	13.47	36.88	366.26
1995	Wet	8.24	24.44	45.83	5.91	16.76	25.66	43.70	43.04	51.29	44.56	51.45	41.25	402.13
1996	Wet	37.54	33.53	29.23	24.98	30.16	35.48	41.06	40.12	42.98	46.84	48.32	38.34	448.58
1997	Wet	34.84	31.11	27.13	51.44	49.68	58.30	37.30	38.70	47.16	47.00	41.71	36.95	501.32
1998	Wet	33.20	29.56	25.50	51.29	49.71	51.60	37.82	37.65	46.12	39.07	45.88	35.99	483.39
1999	Wet	36.73	33.20	33.22	51.49	49.70	49.87	37.26	40.21	47.33	46.94	44.45	38.62	509.02
2000	Above Normal	35.09	31.34	27.27	47.13	45.54	35.49	38.20	43.51	50.94	48.37	47.16	41.25	491.29
2001	Dry	32.35	28.64	22.64	15.69	15.40	14.92	25.70	31.70	32.56	32.66	29.16	24.82	306.24
2002	Dry	13.49	9.74	7.84	5.33	11.62	19.11	41.61	40.54	41.37	41.75	43.17	38.68	314.25
2003	Above Normal	35.19	22.40	36.46	7.70	12.56	19.14	32.24	37.28	4.69	47.16	46.98	41.10	342.90
	Average	29.93	27.31	26.95	28.87	30.39	33.76	34.83	37.10	36.38	42.05	39.26	35.26	402.09
	Wet	31.68	29.71	28.85	37.91	40.87	47.62	38.59	39.32	46.90	45.75	43.69	38.00	468.88
	Above Normal	32.98	25.95	29.55	27.47	30.77	34.04	36.40	39.38	37.01	47.38	45.36	40.03	426.30
	Below Normal	30.78	30.74	28.00	29.63	29.92	36.82	37.56	38.18	31.10	48.55	47.63	41.98	430.89
	Dry	27.15	25.09	26.70	23.83	23.68	23.26	34.24	38.80	35.15	42.73	39.88	36.81	377.32
	Critical	26.26	22.76	19.41	17.35	17.88	15.64	22.81	26.22	20.97	20.12	12.91	14.41	236.75

Difference in Energy Use (GWh) At Pumping Plant at Buena Vista: Alternative3_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	9.14	8.89	1.87	1.36	2.33
1923	Below Normal	1.14	0.98	0.70	0.05	0.05	8.82	11.07	(20.07)	(28.84)	14.50	9.68	8.75	0.57
1924	Critical	8.85	8.06	7.39	8.01	7.53	3.08	2.74	3.64	(5.32)	(22.98)	(20.41)	(17.42)	(1.40)
1925	Dry	14.61	26.27	37.99	3.72	2.16	(10.29)	(1.18)	(6.40)	(6.57)	(6.98)	(7.16)	(6.27)	3.33
1926	Dry	(5.28)	(4.77)	(3.89)	0.83	0.17	1.21	1.33	4.18	(2.22)	6.00	5.91	3.19	0.56
1927	Wet	(10.61)	13.54	10.48	1.28	(0.70)	0.04	(0.87)	(0.90)	(3.26)	7.04	0.97	0.98	1.50
1928	Above Normal	1.00	0.90	0.83	(0.98)	(0.82)	(0.33)	(0.09)	0.37	(33.60)	6.44	6.50	6.01	(1.15)
1929	Critical	5.54	5.09	4.41	(0.36)	0.02	1.65	4.75	4.44	(18.08)	(20.80)	(18.47)	(15.32)	(3.93)
1930	Dry	(5.40)	(3.26)	31.84	3.74	0.79	0.94	0.54	0.13	(25.45)	6.16	6.52	5.97	1.88
1931	Critical	5.60	5.43	4.32	1.81	1.32	1.33	(0.63)	(0.83)	(0.87)	(10.00)	(23.73)	(20.08)	(3.03)
1932	Dry	(5.92)	5.24	37.05	1.72	0.04	1.05	0.96	0.86	7.22	9.10	1.54	1.42	5.02
1933	Critical	1.77	1.83	1.43	1.50	0.84	(0.68)	(0.71)	(1.67)	(1.57)	(1.98)	(2.60)	(16.62)	(1.54)
1934	Critical	(2.88)	(0.03)	9.40	0.58	0.80	1.29	1.86	2.17	2.19	(11.16)	(3.50)	0.00	0.06
1935	Below Normal	1.52	5.69	20.21	1.37	0.70	0.80	1.08	(6.80)	(15.77)	1.78	9.93	9.59	2.51
1936	Below Normal	7.81	6.89	5.63	0.16	(0.04)	(9.99)	5.29	0.53	7.60	8.46	0.58	0.52	2.79
1937	Below Normal	0.52	0.48	0.43	0.38	(1.41)	7.22	(0.28)	(0.19)	7.48	6.12	(0.10)	(0.19)	1.71
1938	Wet	(0.25)	(0.24)	(0.27)	0.01	0.01	(0.55)	1.45	(2.63)	(1.09)	(1.19)	2.38	5.29	0.24
1939	Dry	(0.69)	(0.63)	(0.59)	0.08	0.08	(0.86)	(3.53)	0.59	13.83	(0.10)	(0.59)	(0.05)	0.63
1940	Above Normal	0.14	(6.70)	3.43	(1.30)	(1.13)	(0.35)	(0.02)	(0.01)	10.00	(0.01)	(0.01)	0.00	0.34
1941	Wet	0.00	(0.01)	0.00	0.00	0.00	(1.78)	0.00	0.00	7.66	6.64	0.00	0.00	1.04
1942	Wet	0.00	0.00	0.00	0.00	0.00	(0.21)	0.03	(0.13)	7.53	7.15	(0.16)	(0.12)	1.17
1943	Wet	(0.11)	(0.10)	(0.07)	0.57	0.00	0.83	0.85	(0.03)	7.55	6.05	(0.08)	(0.05)	1.28
1944	Dry	(0.02)	(0.01)	0.01	(5.06)	(4.54)	(1.56)	(0.09)	(0.05)	(0.04)	(0.09)	(0.17)	(0.16)	(0.98)
1945	Below Normal	(0.24)	(0.26)	(0.20)	(0.07)	(0.04)	(4.13)	0.05	0.05	8.21	6.85	0.06	0.05	0.86
1946	Below Normal	0.05	0.04	0.28	0.00	0.00	0.13	0.16	0.16	9.46	0.17	0.19	0.16	0.90
1947	Dry	0.17	0.15	0.14	0.28	0.06	(0.05)	(0.04)	0.11	0.11	0.17	0.15	0.10	0.11
1948	Below Normal	(0.03)	(0.04)	(0.09)	(0.63)	(0.57)	(0.21)	0.03	0.80	(0.11)	0.05	0.06	0.04	(0.06)
1949	Dry	0.03	0.01	0.02	(0.01)	0.01	(0.03)	0.00	0.04	0.04	0.05	0.04	0.03	0.02
1950	Below Normal	(0.01)	(0.01)	(0.02)	(0.37)	(0.33)	(0.11)	0.00	(0.01)	0.00	(0.01)	(0.01)	(0.01)	(0.07)
1951	Above Normal	(0.01)	(0.01)	(0.41)	0.00	0.00	0.00	0.00	0.00	8.69	6.26	0.00	0.00	1.21
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(1.32)	6.27	5.82	(1.72)	(1.31)	0.64
1953	Wet	(1.16)	(1.09)	1.53	(0.04)	(0.03)	(4.21)	(7.96)	(0.70)	9.79	(0.48)	(0.43)	(0.31)	(0.42)
1954	Above Normal	0.08	0.10	0.27	2.00	1.90	1.39	0.25	0.32	1.57	(0.19)	0.19	0.16	0.67
1955	Dry	0.15	0.13	0.10	0.12	0.01	(0.05)	(0.23)	(0.28)	(0.29)	(0.31)	(0.32)	(0.27)	(0.10)
1956	Wet	(0.23)	(0.21)	(0.17)	(6.21)	0.01	0.01	0.02	0.03	6.83	8.18	0.02	0.03	0.69
1957	Above Normal	0.03	0.03	0.02	0.00	(0.01)	(0.02)	0.02	0.11	10.08	0.01	0.00	0.00	0.86
1958	Wet	0.01	0.01	0.00	0.00	0.00	(0.05)	0.00	0.00	6.76	5.67	0.53	0.00	1.08
1959	Below Normal	0.00	0.00	0.00	0.02	0.00	(1.09)	(0.85)	(1.02)	(6.83)	0.13	0.02	0.07	(0.80)
1960	Dry	0.02	0.03	0.00	(0.16)	(0.14)	0.07	0.05	(0.10)	1.46	(0.48)	1.20	(0.97)	0.08
1961	Dry	(0.58)	(0.53)	(0.35)	0.68	0.60	0.24	0.07	0.08	0.09	0.09	0.43	(0.03)	0.07
1962	Below Normal	(0.01)	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	10.08	0.00	0.00	0.00	0.84
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	9.54	5.41	0.00	0.00	1.25
1964	Dry	0.00	0.00	0.00	0.00	(0.02)	0.09	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	0.00
1965	Wet	(0.01)	(0.02)	(0.02)	0.15	0.09	(0.23)	0.02	0.08	9.49	5.10	0.21	0.18	1.25
1966	Below Normal	0.13	0.12	0.08	(0.26)	(0.26)	(0.12)	0.00	0.01	(0.02)	0.02	0.02	0.01	(0.02)
1967	Wet	0.01	0.01	0.00	(0.05)	(0.03)	(0.01)	0.01	(0.04)	7.62	7.24	(0.05)	(0.04)	1.22
1968	Below Normal	(0.03)	(0.03)	(1.85)	0.00	(0.01)	(1.33)	1.66	0.59	9.66	0.84	0.76	0.56	0.90
1969	Wet	(0.07)	(0.10)	(0.34)	(8.31)	0.07	(0.01)	(0.27)	(0.26)	7.39	(0.26)	4.76	(0.26)	0.20
1970	Wet	(0.20)	(0.24)	(0.22)	0.00	0.00	(0.14)	(0.90)	0.13	7.29	6.51	0.14	0.12	1.04
1971	Wet	0.12	0.11	0.10	0.00	0.00	(0.05)	(0.11)	(0.14)	(1.00)	0.03	0.01	0.02	(0.08)
1972	Below Normal	0.01	0.01	0.01	0.05	0.04	0.00	(0.02)	(0.03)	(0.03)	(0.04)	(0.03)	(0.02)	0.00
1973	Above Normal	(0.01)	(0.01)	0.00	0.07	0.06	0.14	(0.11)	0.02	8.04	6.93	0.01	0.01	1.26
1974	Wet	0.01	0.01	0.00	0.00	0.00	(2.54)	2.28	(0.35)	8.22	5.97	(0.44)	(0.33)	1.07
1975	Wet	(0.29)	(0.25)	(0.20)	(0.89)	(0.37)	(1.77)	0.40	0.40	8.75	7.05	0.44	0.39	1.14
1976	Critical	0.39	0.36	0.32	0.44	0.33	0.06	(0.20)	(0.23)	(0.18)	(0.27)	0.15	(0.36)	0.07
1977	Critical	(0.30)	(0.28)	(0.23)	(0.04)	(0.03)	(0.01)	1.12	0.00	0.02	0.00	(0.02)	0.00	0.02
1978	Above Normal	0.00	(0.15)	0.11	0.00	0.01	(0.68)	(0.05)	1.39	8.98	7.51	1.68	1.30	1.68
1979	Below Normal	(0.03)	(0.09)	(0.69)	(7.20)	(12.71)	(1.18)	4.59	0.28	9.24	6.27	0.25	0.28	(0.08)
1980	Above Normal	0.32	0.29	0.30	(1.86)	0.00	1.53	(1.73)	(1.41)	6.17	4.04	(1.74)	(1.43)	0.37
1981	Dry	(1.33)	(1.24)	(1.04)	1.04	(0.07)	4.58	0.78	1.00	16.90	(0.15)	(1.61)	0.42	1.61
1982	Wet	0.38	0.33	0.28	0.13	0.14	0.01	0.01	0.01	7.56	6.32	0.23	0.22	1.30
1983	Wet	(2.43)	2.88	0.01	0.00	0.00	0.00	0.00	0.00	7.66	0.00	5.03	0.00	1.10
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.50	6.46	0.00	0.00	1.25
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(13.13)	2.99	0.02	5.03	8.01	0.03	0.02	0.25
1987	Dry	0.02	0.01	0.01	0.00	0.00	0.01	(0.80)	(1.07)	(1.14)	(1.13)	(1.01)	(0.86)	(0.50)
1988	Critical	(0.56)	(0.44)	(0.28)	(0.15)	(0.08)	(0.03)	0.00	0.00	0.01	0.00	0.00	0.00	(0.13)
1989	Dry	0.01	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.04)	(0.04)	(0.25)	0.00	(1.34)	0.42	(0.11)
1990	Critical	0.34	0.31	0.24	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.01	0.08
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.44)	0.00	0.12	0.09	0.08	(0.01)
1992	Critical	0.05	(0.43)	0.31	0.18	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.11)	0.00
1993	Above Normal	(0.11)	(0.18)	0.39	0.00	(0.02)	(0.09)	0.00	0.05	9.64	5.03	0.15	0.13	1.25
1994	Critical	0.08	0.07	0.04	(0.21)	(0.19)	(0.07)	0.00	0.00	0.06	(0.01)	0.00	0.00	(0.02)
1995	Wet	0.00	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	7.20	0.08	5.11	0.08	1.04
1996	Wet	0.08	0.08	0.07	(23.13)	(19.23)	(8.68)	(0.67)	(0.68)	1.23	4.84	4.67	(0.64)	(3.51)
1997	Wet	(0.62)	(0.56)	(0.51)	(0.01)	(0.01)	0.06	0.33	0.08	7.75	7.19	0.08	0.08	1.16
1998	Wet	0.09	0.08	0.08	0.29	0.00	(0.05)	(0.03)	(1.51)	6.02	(1.73)	3.11	(1.45)	0.41
1999	Wet	1.50	(1.97)	0.71	(0.03)	(0.03)	(3.24)	(2.10)	0.09	6.38	5.56	1.32	0.09	0.69
2000	Above Normal	0.09	0.09	0.07	0.19	0.24	(0.28)	(0.07)	0.22	7.23	1.94	0.27	0.19	0.85
2001	Dry	(0.08)	(0.08)	(0.18)	(1.32)	(1.17)	(0.33)	0.18	0.24	0.25	0.26	0.22	0.19	(0.15)
2002	Dry	0.12	0.10	0.07	0.01	0.03	(0.02)	(0.12)	(0.12)	(0.13)	(0.13)	(0.13)	(0.12)	(0.04)
2003	Above Normal	(0.12)	1.04	(1.25)	0.42	0.38	0.14	(0.01)	(0.01)	0.00	0.00	(0.01)	0.00	0.05
	Average	0.16	0.77	2.05	(0.28)	(0.31)	(0.41)	0.29	(0.30)	2.42	1.90	(0.10)	(0.44)	0.48
	Wet	(0.53)	0.47	0.44	(1.39)	(0.77)	(1.37)	(0.17)	(0.30)	6.26	4.56	1.01	0.12	0.69
	Above Normal	0.12	(0.38)	0.31	0.22	0.07	0.14	(0.08)	0.20	3.83	3.90	0.74	0.64	0.81
	Below Normal	0.77	0.98	1.75	(0.46)	(1.04)	(0.09)	1.63	(1.84)	0.72	3.22	1.53	1.42	0.72
	Dry	(0.23)	1.19	5.62	0.31	(0.11)	(0.28)	(0.12)	(0.05)	0.21	0.69	0.20	0.17	0.64
	Critical	1.57	1.66	2.28	0.98	0.88	0.55	0.75	0.59	(1.98)	(5.59)	(5.71)	(5.82)	(0.82)

Percent Difference in Energy Use (GWh) At Pumping Plant at Buena Vista: Alternative3_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%	24%	23%	5%	4%
1923	Below Normal	4%	3%	3%	0%	0%	18%	31%	-50%	-71%	34%	22%	23%
1924	Critical	29%	30%	35%	45%	43%	20%	13%	15%	-21%	-92%	-92%	-92%
1925	Dry	152%	377%	647%	74%	28%	-42%	-4%	-15%	-15%	-15%	-15%	-15%
1926	Dry	-17%	-17%	-18%	8%	1%	7%	5%	11%	-6%	15%	15%	9%
1927	Wet	-40%	58%	58%	13%	-4%	0%	-2%	-2%	-8%	17%	2%	3%
1928	Above Normal	3%	3%	3%	-2%	-2%	-1%	0%	1%	-81%	15%	15%	16%
1929	Critical	16%	16%	16%	-1%	0%	8%	28%	20%	-80%	-91%	-91%	-91%
1930	Dry	-61%	-51%	589%	84%	9%	8%	2%	0%	-75%	17%	19%	20%
1931	Critical	29%	34%	36%	22%	14%	11%	-3%	-3%	-3%	-35%	-93%	-93%
1932	Dry	-53%	62%	530%	27%	0%	7%	3%	3%	21%	25%	4%	5%
1933	Critical	8%	10%	10%	16%	8%	-5%	-3%	-5%	-5%	-6%	-8%	-63%
1934	Critical	-18%	0%	107%	8%	9%	11%	8%	7%	7%	-36%	-66%	0%
1935	Below Normal	9%	19%	88%	19%	7%	6%	3%	-16%	-57%	4%	20%	22%
1936	Below Normal	23%	23%	24%	1%	0%	-23%	14%	1%	17%	19%	1%	1%
1937	Below Normal	1%	1%	1%	1%	-3%	15%	-1%	0%	18%	14%	0%	0%
1938	Wet	-1%	-1%	-1%	0%	0%	-1%	4%	-7%	-3%	-3%	5%	14%
1939	Dry	-2%	-2%	-2%	0%	0%	-1%	-8%	1%	72%	0%	-2%	0%
1940	Above Normal	0%	-29%	9%	-18%	-13%	-2%	0%	0%	27%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-3%	0%	0%	21%	18%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	20%	18%	0%	0%
1943	Wet	0%	0%	0%	1%	0%	2%	2%	0%	17%	14%	0%	0%
1944	Dry	0%	0%	0%	-13%	-13%	-7%	0%	0%	0%	0%	0%	-1%
1945	Below Normal	-1%	-1%	-1%	-1%	0%	-8%	0%	0%	20%	16%	0%	0%
1946	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	24%	0%	0%	0%
1947	Dry	1%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-2%	-2%	-1%	0%	3%	-3%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-3%	-3%	-1%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	21%	15%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	-4%	18%	16%	-5%	-4%
1953	Wet	-4%	-4%	4%	0%	0%	-7%	-17%	-2%	26%	-1%	-1%	-1%
1954	Above Normal	0%	0%	1%	6%	6%	4%	1%	1%	4%	0%	0%	0%
1955	Dry	0%	0%	0%	1%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-1%	-14%	0%	0%	0%	0%	15%	18%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	583%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	15%	12%	1%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-2%	-2%	-2%	-32%	0%	0%	0%
1960	Dry	0%	0%	0%	-2%	-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%	499%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	24%	14%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	26%	13%	1%	1%
1966	Below Normal	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	18%	17%	0%	0%
1968	Below Normal	0%	0%	-6%	0%	0%	-2%	4%	2%	24%	2%	2%	2%
1969	Wet	0%	0%	-2%	-22%	0%	0%	-1%	-1%	19%	-1%	11%	-1%
1970	Wet	-1%	-1%	-1%	0%	0%	0%	-2%	0%	18%	16%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	19%	16%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	-5%	5%	-1%	20%	14%	-1%	-1%
1975	Wet	-1%	-1%	-1%	-2%	-1%	-4%	1%	1%	21%	17%	1%	1%
1976	Critical	1%	1%	1%	1%	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%	-2%	0%	0%	0%	-2%	0%	4%	24%	20%	4%	4%
1979	Below Normal	0%	0%	-3%	-17%	-26%	-3%	13%	1%	23%	16%	1%	1%
1980	Above Normal	1%	1%	1%	-4%	0%	3%	-5%	-4%	16%	10%	-4%	-4%
1981	Dry	-4%	-4%	-4%	2%	0%	12%	2%	2%	190%	0%	-3%	1%
1982	Wet	1%	1%	1%	1%	1%	0%	0%	0%	17%	14%	1%	1%
1983	Wet	-6%	8%	0%	0%	0%	0%	0%	0%	21%	0%	16%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	21%	15%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-23%	8%	0%	12%	19%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-3%	-3%	-4%	-4%	-4%	-4%
1988	Critical	-4%	-5%	-4%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	-3%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%
1992	Critical	1%	-7%	5%	4%	0%	0%	0%	0%	0%	0%	0%	-1%
1993	Above Normal	0%	-8%	1%	0%	0%	0%	0%	0%	35%	11%	0%	0%
1994	Critical	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	16%	0%	11%	0%
1996	Wet	0%	0%	0%	-48%	-39%	-20%	-2%	-2%	3%	12%	11%	-2%
1997	Wet	-2%	-2%	-2%	0%	0%	0%	1%	0%	20%	18%	0%	0%
1998	Wet	0%	0%	0%	1%	0%	0%	0%	-4%	15%	-4%	7%	-4%
1999	Wet	4%	-6%	2%	0%	0%	-6%	-5%	0%	16%	13%	3%	0%
2000	Above Normal	0%	0%	0%	0%	1%	-1%	0%	1%	17%	4%	1%	0%
2001	Dry	0%	0%	-1%	-8%	-7%	-2%	1%	1%	1%	1%	1%	1%
2002	Dry	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	5%	-3%	6%	3%	1%	0%	0%	0%	0%	0%	0%
	Average	1%	6%	26%	3%	0%	0%	1%	-1%	20%	3%	-2%	-3%
	Wet	-2%	2%	2%	-3%	-2%	-3%	0%	-1%	16%	11%	2%	0%
	Above Normal	0%	-2%	1%	3%	0%	0%	0%	1%	57%	10%	2%	2%
	Below Normal	3%	3%	8%	0%	-2%	0%	4%	-4%	33%	8%	3%	3%
	Dry	1%	20%	97%	10%	1%	-1%	0%	0%	10%	2%	1%	1%
	Critical	5%	7%	17%	8%	6%	4%	4%	3%	-8%	-22%	-29%	-28%

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: Alternative3_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	124.69	124.81	106.91	95.56	1,194.82
1923	Below Normal	86.43	78.16	67.46	134.85	130.07	152.61	119.56	47.92	34.48	147.64	134.12	119.48	1,252.78
1924	Critical	99.98	90.50	74.41	66.83	64.95	46.92	58.59	69.95	46.36	4.60	4.28	3.48	630.85
1925	Dry	54.00	84.74	113.96	22.74	25.86	36.81	81.43	92.74	92.09	98.59	99.91	88.25	891.12
1926	Dry	66.30	59.58	45.83	30.52	32.80	47.80	69.16	104.88	87.31	115.42	117.08	98.14	874.82
1927	Wet	39.82	96.76	74.66	29.45	40.06	91.46	103.88	102.17	102.04	129.93	114.16	103.31	1,027.70
1928	Above Normal	94.97	85.87	75.28	112.97	111.81	69.18	106.08	104.46	16.07	122.38	127.00	115.12	1,141.19
1929	Critical	104.90	95.25	83.11	104.60	98.44	59.01	55.63	66.72	6.84	4.62	4.37	3.47	686.96
1930	Dry	1.33	4.24	95.88	21.36	24.90	33.72	73.41	84.08	16.96	103.39	101.48	89.80	650.55
1931	Critical	63.76	55.79	42.80	26.60	28.90	33.19	57.02	67.76	68.01	43.60	4.38	3.42	495.23
1932	Dry	7.63	34.31	115.14	21.26	26.59	41.27	75.77	86.12	106.74	117.14	94.05	81.94	807.96
1933	Critical	60.98	54.61	41.69	27.90	29.80	34.71	63.75	76.58	77.77	77.27	69.09	23.04	637.19
1934	Critical	31.78	30.36	47.59	21.28	24.02	34.29	67.15	79.97	80.61	44.84	4.34	3.49	469.72
1935	Below Normal	41.85	93.79	112.32	22.30	27.59	38.93	97.31	91.16	35.16	128.84	151.49	136.80	977.54
1936	Below Normal	106.15	96.21	75.67	29.83	36.28	89.09	111.42	110.16	134.98	137.98	117.78	106.31	1,151.86
1937	Below Normal	97.85	88.64	77.68	119.73	126.34	145.68	94.63	102.92	129.15	126.71	113.66	99.03	1,322.02
1938	Wet	89.85	81.45	70.72	134.85	130.07	143.48	91.76	94.87	104.97	97.42	122.39	113.44	1,275.27
1939	Dry	82.46	74.56	66.52	134.85	130.07	150.89	97.91	106.90	84.69	124.80	89.66	123.64	1,266.95
1940	Above Normal	98.81	42.32	107.87	15.08	18.98	49.19	94.00	110.28	122.52	122.27	123.23	108.89	1,013.44
1941	Wet	83.73	75.54	58.87	42.55	55.22	131.00	79.01	88.88	114.39	113.27	98.52	85.78	1,026.76
1942	Wet	76.45	69.07	59.02	134.85	130.07	152.31	117.14	95.06	121.06	121.12	102.63	92.05	1,270.83
1943	Wet	83.43	75.31	65.12	116.20	130.07	127.05	113.44	107.28	133.14	130.49	118.95	103.85	1,304.33
1944	Dry	94.91	85.97	74.83	84.04	78.63	53.59	74.01	85.54	84.76	89.45	88.55	78.22	972.50
1945	Below Normal	54.88	47.68	36.44	28.26	30.89	128.88	97.41	104.52	132.24	129.38	111.65	100.81	1,003.04
1946	Below Normal	92.36	83.53	97.86	122.74	91.84	99.34	100.26	99.10	129.29	104.00	106.32	95.89	1,222.53
1947	Dry	87.38	79.01	68.74	117.15	113.60	72.65	102.96	109.56	109.97	114.39	117.32	104.84	1,197.57
1948	Below Normal	87.29	78.93	64.89	66.92	63.60	42.16	62.67	79.17	3.81	127.35	128.43	113.69	918.91
1949	Dry	87.29	78.78	61.47	31.13	32.99	41.25	103.28	108.04	108.98	112.67	115.70	103.57	985.15
1950	Below Normal	87.41	79.09	65.65	27.45	28.34	34.85	86.29	98.35	3.71	124.70	125.59	111.00	872.43
1951	Above Normal	85.02	76.69	71.02	134.85	119.87	142.47	90.10	101.82	130.73	124.91	109.20	98.55	1,285.23
1952	Wet	90.05	81.41	70.89	134.85	134.06	97.68	83.23	82.29	107.18	108.09	89.67	79.35	1,158.75
1953	Wet	70.10	63.03	102.86	134.85	130.07	142.09	101.75	93.89	125.28	98.02	101.28	90.81	1,254.03
1954	Above Normal	78.53	70.75	59.45	92.44	92.50	88.71	95.39	109.36	108.50	110.13	120.31	106.37	1,132.44
1955	Dry	81.68	73.63	57.24	31.03	36.33	47.40	79.54	90.84	89.84	96.38	97.96	86.52	868.39
1956	Wet	64.92	58.16	44.70	97.23	123.29	144.65	103.20	110.99	135.32	139.57	119.52	107.77	1,249.32
1957	Above Normal	99.09	89.79	78.34	134.85	128.21	85.40	79.53	67.49	35.17	120.28	119.79	106.07	1,144.01
1958	Wet	80.64	72.67	56.50	25.07	63.25	130.54	102.53	110.86	134.89	133.22	126.97	107.42	1,144.56
1959	Below Normal	98.34	89.04	77.36	134.85	130.07	137.05	88.64	100.79	31.61	122.13	123.25	109.17	1,242.30
1960	Dry	83.69	75.44	58.59	27.14	27.87	37.00	101.24	114.40	82.31	128.50	101.06	124.82	962.06
1961	Dry	98.72	89.35	70.74	37.95	39.52	37.24	85.89	97.78	97.59	104.22	89.80	59.64	908.44
1962	Below Normal	15.32	89.04	98.59	15.45	18.12	46.05	86.89	99.83	34.89	127.75	127.88	113.08	872.89
1963	Wet	86.70	78.25	61.18	55.86	64.90	86.07	98.34	97.84	128.62	118.52	104.90	94.66	1,075.84
1964	Dry	86.24	77.87	99.09	102.77	66.92	70.71	105.43	101.79	103.37	103.84	108.95	98.27	1,125.25
1965	Wet	90.04	81.29	71.02	109.23	115.12	92.65	96.73	95.10	122.15	115.61	102.73	92.37	1,184.04
1966	Below Normal	82.63	74.46	63.91	121.35	126.11	96.10	91.56	103.06	95.74	110.55	113.95	100.60	1,180.02
1967	Wet	78.64	70.73	55.46	34.74	71.20	89.81	105.24	103.60	129.70	129.93	111.78	100.28	1,081.11
1968	Below Normal	91.44	82.68	71.83	134.85	134.71	140.65	108.13	98.98	127.55	107.60	107.79	95.65	1,301.86
1969	Wet	77.36	69.60	55.82	75.46	130.07	146.28	88.23	97.01	122.89	99.50	124.59	99.40	1,186.21
1970	Wet	91.63	69.37	65.51	134.85	130.07	148.10	93.33	102.01	126.94	125.48	113.07	98.62	1,298.98
1971	Wet	90.22	81.50	71.02	134.85	130.07	109.82	87.75	101.72	97.86	109.10	111.96	98.69	1,224.56
1972	Below Normal	75.54	67.93	52.61	28.96	56.14	79.12	94.36	104.83	104.71	110.83	113.79	100.75	989.57
1973	Above Normal	79.85	71.97	57.03	42.88	81.60	107.46	94.31	105.02	132.45	129.82	112.17	101.20	1,115.76
1974	Wet	92.82	83.92	73.36	134.85	130.07	132.52	113.02	101.82	130.71	125.39	109.74	98.71	1,326.93
1975	Wet	90.01	81.26	70.51	132.53	129.13	125.16	106.95	103.69	131.89	127.72	110.48	99.88	1,309.21
1976	Critical	91.31	82.62	72.31	115.74	113.38	72.04	88.98	102.19	42.53	121.12	91.31	118.16	1,111.69
1977	Critical	90.95	82.10	63.91	27.11	27.99	28.72	29.44	6.33	3.97	5.03	4.46	3.55	373.56
1978	Above Normal	1.40	12.22	64.65	15.39	27.16	71.31	96.16	97.66	123.27	120.00	109.11	93.66	831.99
1979	Below Normal	81.95	73.76	62.57	94.35	91.92	106.45	103.18	100.29	130.00	122.67	107.12	96.50	1,170.76
1980	Above Normal	87.84	79.34	69.25	115.45	134.71	150.13	82.84	92.28	117.99	114.09	104.92	89.18	1,238.02
1981	Dry	79.99	72.15	61.93	134.60	130.07	107.97	89.27	104.14	65.50	126.63	112.40	117.07	1,201.72
1982	Wet	89.94	81.27	63.28	52.65	62.68	147.81	106.46	103.40	132.71	130.55	116.50	103.93	1,191.18
1983	Wet	94.76	99.82	141.73	134.85	130.07	146.27	74.33	77.50	115.40	91.86	96.17	83.48	1,286.24
1984	Wet	80.45	73.62	142.34	134.85	134.71	146.67	90.97	103.16	131.30	126.90	110.66	99.97	1,375.60
1985	Dry	91.36	82.71	98.72	119.62	121.50	113.19	98.69	97.42	99.13	99.31	104.03	93.81	1,219.49
1986	Wet	85.48	77.26	67.30	110.01	102.93	116.86	106.24	105.85	125.39	134.22	119.87	102.25	1,253.66
1987	Dry	93.14	84.43	73.19	134.85	129.04	72.21	62.31	74.51	75.42	74.37	66.86	58.78	999.11
1988	Critical	31.62	23.07	19.06	15.92	23.85	26.62	45.08	52.26	52.00	52.01	46.43	40.71	428.63
1989	Dry	19.85	15.01	12.80	10.49	20.79	26.50	98.18	114.08	83.77	128.05	115.84	119.39	764.75
1990	Critical	92.33	83.47	65.08	28.51	30.59	33.55	56.76	67.23	67.85	67.33	60.22	52.89	705.81
1991	Critical	27.60	20.03	16.90	14.45	20.08	25.99	45.72	49.55	30.22	61.02	53.95	47.60	413.11
1992	Critical	23.51	15.19	15.65	12.75	19.11	24.95	45.20	52.45	52.03	4.55	4.35	38.38	308.12
1993	Above Normal	55.05	4.23	70.49	16.61	50.25	74.72	96.43	100.55	97.59	128.60	114.99	102.87	912.38
1994	Critical	87.38	78.95	65.56	80.27	76.86	61.27	81.87	93.12	77.18	102.34	30.25	93.87	928.92
1995	Wet	19.22	63.62	120.31	15.29	43.71	65.95	112.10	108.99	134.17	111.79	136.40	111.08	1,042.63
1996	Wet	96.87	87.75	76.55	64.59	78.41	91.96	105.61	101.94	113.04	123.32	128.80	98.48	1,167.32
1997	Wet	90.04	81.45	71.09	134.85	130.07	152.18	95.27	97.64	123.38	123.03	105.97	94.46	1,299.43
1998	Wet	85.45	77.28	66.71	133.44	130.07	134.33	96.70	94.76	120.54	97.32	121.69	97.18	1,255.47
1999	Wet	94.73	86.89	87.09	134.85	130.07	129.84	95.60	102.11	124.44	123.46	118.52	99.17	1,326.77
2000	Above Normal	90.67	82.04	71.45	122.48	118.47	91.22	97.10	109.23	131.86	125.15	118.60	105.03	1,263.30
2001	Dry	82.62	74.64	59.03	40.90	40.08	38.29	65.34	78.92	79.90	79.56	71.39	62.69	773.36
2002	Dry	33.88	25.08	20.28	13.79	30.05	48.51	107.27	103.38	104.78	105.61	110.22	99.59	802.44
2003	Above Normal	91.12	58.50	95.77	19.69	32.26	48.53	81.84	93.40	6.07	118.04	118.74	105.01	868.97
	Average	76.42	71.05	70.40	75.32	79.27	87.48	88.93	93.35	93.20	107.12	99.82	90.29	1,032.66
	Wet	81.28	77.63	75.52	99.14	106.90	123.94	98.80	99.40	122.67	118.65	113.00	98.32	1,215.26
	Above Normal	84.61	66.81	76.86	71.57	80.25	88.00	92.87	99.18	95.58	121.71	115.41	102.29	1,095.13
	Below Normal	78.53	80.21	73.20	77.28	78.00	95.50	95.88	95.79	80.52	123.44	120.20	107.05	1,105.61
	Dry	68.47	65.08	69.67	62.01	61.53	59.83	87.28	97.51	87.40	106.80	100.13	93.83	959.54
	Critical	67.18	59.33	50.67	45.16	46.50	40.11	57.93	65.34	50.45	49.03	31.45	36.01	599.15

Difference in Energy Use (GWh) At Pumping Plant at Chrisman: Alternative3_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	27.66	27.22	4.20	3.11	6.55
1923	Below Normal	2.67	2.50	1.77	0.00	0.00	23.23	29.71	(52.50)	(65.18)	41.59	24.46	22.40	2.55
1924	Critical	22.86	21.14	19.40	20.80	19.55	7.96	6.94	9.06	(14.77)	(55.99)	(49.96)	(44.13)	(3.10)
1925	Dry	30.01	66.88	98.82	9.77	5.65	(26.74)	(2.59)	(16.10)	(16.35)	(17.42)	(18.10)	(16.02)	8.15
1926	Dry	(13.57)	(12.47)	(10.19)	2.16	0.45	3.04	3.34	10.49	(6.57)	15.14	15.02	8.03	1.24
1927	Wet	(28.30)	35.66	27.60	3.39	(1.87)	0.12	(2.24)	(2.30)	(4.10)	23.37	2.64	2.65	4.72
1928	Above Normal	2.68	2.39	2.20	(2.57)	(2.15)	(0.85)	(0.31)	0.83	(88.91)	16.80	17.01	15.76	(3.09)
1929	Critical	14.54	13.42	11.63	(0.92)	0.07	4.16	12.04	11.01	(48.64)	(50.70)	(45.21)	(38.78)	(9.78)
1930	Dry	(20.58)	(12.18)	81.92	9.84	2.09	2.44	1.32	0.39	(67.10)	16.47	17.41	15.70	3.98
1931	Critical	14.68	14.31	11.37	4.74	3.47	3.42	(1.63)	(2.11)	(2.19)	(26.30)	(58.12)	(50.85)	(7.43)
1932	Dry	(20.05)	12.54	97.08	4.52	0.07	2.64	2.43	2.20	23.42	28.72	5.45	3.65	13.56
1933	Critical	4.57	4.77	3.75	3.92	2.20	(1.71)	(1.81)	(4.27)	(3.99)	(5.13)	(6.81)	(43.74)	(4.02)
1934	Critical	(7.45)	(0.03)	24.86	1.50	2.10	3.30	4.72	5.43	5.40	(29.82)	(4.37)	0.00	0.47
1935	Below Normal	0.23	13.91	52.62	3.60	1.84	2.05	2.72	(18.12)	(30.27)	2.95	24.03	23.94	6.63
1936	Below Normal	19.62	17.87	14.61	0.41	(0.10)	(26.37)	13.90	1.36	24.43	26.95	1.49	1.36	7.96
1937	Below Normal	1.36	1.25	1.13	0.98	(3.73)	18.64	(0.84)	(0.66)	23.96	20.65	2.27	(0.60)	5.37
1938	Wet	(0.73)	(0.65)	(0.73)	0.00	0.00	(1.76)	3.85	(6.89)	1.58	(3.07)	11.63	19.68	1.91
1939	Dry	(1.82)	(1.66)	(1.55)	0.00	0.00	(2.47)	(9.24)	1.66	41.07	0.82	(1.44)	(0.06)	2.11
1940	Above Normal	0.41	(17.66)	9.07	(3.26)	(2.83)	(0.89)	(0.04)	(0.04)	30.81	0.91	(0.01)	(0.02)	1.37
1941	Wet	(0.01)	(0.01)	(0.01)	0.01	0.00	(4.69)	0.00	0.00	24.64	22.20	1.74	0.00	3.66
1942	Wet	0.01	0.00	0.00	0.00	0.00	(0.54)	0.11	(0.28)	24.34	23.61	(0.37)	(0.29)	3.88
1943	Wet	(0.26)	(0.24)	(0.19)	1.46	0.00	2.24	2.31	(0.02)	24.44	20.73	3.14	(0.08)	4.46
1944	Dry	(0.03)	(0.03)	0.03	(13.32)	(11.98)	(4.12)	(0.22)	(0.13)	(0.09)	(0.25)	(0.46)	(0.41)	(2.58)
1945	Below Normal	(0.60)	(0.67)	(0.53)	(0.18)	(0.09)	(10.89)	0.14	0.13	26.09	22.75	0.14	0.13	3.04
1946	Below Normal	0.14	0.13	0.74	0.00	0.00	0.34	0.42	0.43	29.39	3.46	0.47	0.43	3.00
1947	Dry	0.43	0.39	0.36	0.72	0.17	(0.13)	(0.13)	0.25	0.21	0.38	0.32	0.24	0.27
1948	Below Normal	(0.11)	(0.10)	(0.24)	(1.63)	(1.47)	(0.54)	0.07	2.09	0.00	0.02	0.05	0.03	(0.15)
1949	Dry	0.03	0.04	0.03	(0.02)	0.03	(0.08)	(0.02)	0.09	0.08	0.12	0.11	0.09	0.04
1950	Below Normal	(0.01)	(0.01)	(0.06)	(0.92)	(0.82)	(0.26)	(0.01)	(0.02)	0.00	(0.03)	(0.02)	(0.02)	(0.18)
1951	Above Normal	(0.02)	(0.02)	(1.06)	0.00	0.00	0.00	0.00	0.00	27.37	21.20	0.00	0.00	3.96
1952	Wet	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(3.46)	20.95	20.03	(4.54)	(3.48)	2.46
1953	Wet	(3.06)	(2.88)	4.05	0.00	0.00	(11.07)	(21.01)	(1.67)	30.50	(0.09)	(0.93)	(0.68)	(0.57)
1954	Above Normal	0.31	0.30	0.74	5.19	4.95	3.70	0.62	0.79	4.08	(0.59)	0.44	0.37	1.74
1955	Dry	0.34	0.33	0.27	0.31	0.03	(0.13)	(0.59)	(0.71)	(0.73)	(0.77)	(0.79)	(0.70)	(0.26)
1956	Wet	(0.58)	(0.54)	(0.44)	(16.41)	0.02	0.03	0.08	0.07	22.46	26.26	0.08	0.07	2.59
1957	Above Normal	0.07	0.06	0.06	0.00	(0.03)	(0.05)	0.04	0.29	31.03	0.94	0.01	0.01	2.70
1958	Wet	0.01	0.01	0.01	0.00	0.01	(0.13)	0.00	0.00	22.25	19.62	6.69	0.00	4.04
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	(3.01)	(2.12)	(2.52)	(17.84)	0.57	0.23	0.28	(2.03)
1960	Dry	0.13	0.11	0.03	(0.42)	(0.37)	0.18	0.16	(0.21)	3.91	(1.21)	3.21	(2.55)	0.25
1961	Dry	(1.52)	(1.39)	(0.92)	1.76	1.58	0.61	0.18	0.21	0.22	0.23	1.13	(0.08)	0.17
1962	Below Normal	(0.05)	0.01	(0.04)	0.00	0.00	0.00	0.00	0.00	31.03	0.93	0.00	0.00	2.66
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.62	18.95	0.00	(0.01)	4.05
1964	Dry	(0.01)	0.00	0.01	(0.01)	(0.04)	0.24	(0.04)	(0.04)	(0.05)	(0.05)	(0.05)	(0.04)	(0.01)
1965	Wet	(0.04)	(0.04)	(0.04)	0.40	0.24	(0.63)	0.03	0.20	29.44	18.09	0.53	0.47	4.05
1966	Below Normal	0.33	0.31	0.22	(0.69)	(0.67)	(0.32)	0.00	0.02	(0.06)	0.05	0.04	0.04	(0.06)
1967	Wet	0.01	0.02	0.00	(0.14)	(0.07)	(0.02)	0.03	(0.10)	24.54	23.83	(0.12)	(0.09)	3.99
1968	Below Normal	(0.08)	(0.08)	(4.88)	0.00	0.00	(3.49)	4.21	1.30	29.55	5.32	1.72	1.30	2.91
1969	Wet	(0.32)	(0.31)	(0.93)	(21.88)	0.00	0.00	(0.70)	(0.67)	23.94	(0.68)	17.89	4.69	1.75
1970	Wet	(0.51)	(0.62)	(0.58)	0.00	0.00	(0.36)	(2.38)	0.32	23.66	21.84	4.07	0.31	3.81
1971	Wet	0.32	0.29	0.26	0.00	0.00	(0.15)	(0.27)	(0.35)	(2.61)	0.11	0.06	0.06	(0.19)
1972	Below Normal	0.04	0.03	0.01	0.14	0.12	0.02	(0.03)	(0.07)	(0.07)	(0.09)	(0.08)	(0.07)	0.00
1973	Above Normal	(0.03)	(0.02)	(0.01)	0.17	0.15	0.37	(0.29)	0.03	25.64	22.98	0.03	0.02	4.09
1974	Wet	0.03	0.03	0.02	0.00	0.00	(6.69)	6.10	(0.77)	26.29	20.60	(1.02)	(0.79)	3.65
1975	Wet	(0.69)	(0.65)	(0.51)	(2.32)	(0.94)	(4.66)	1.03	1.03	27.49	23.22	1.12	1.01	3.76
1976	Critical	1.01	0.94	0.85	1.14	0.85	0.14	(0.49)	(0.59)	(0.44)	(0.67)	0.43	(0.93)	0.19
1977	Critical	(0.80)	(0.75)	(0.62)	(0.08)	(0.07)	(0.03)	2.95	0.00	0.03	0.00	(0.04)	0.00	0.05
1978	Above Normal	0.00	(0.41)	0.28	0.00	0.02	(1.87)	(0.38)	3.18	27.48	23.85	8.42	3.09	5.31
1979	Below Normal	(0.32)	(0.31)	(1.89)	(18.68)	(33.30)	(3.14)	12.12	0.81	28.89	21.29	0.74	0.80	0.58
1980	Above Normal	0.87	0.79	0.78	(4.89)	0.00	3.84	(4.55)	(3.71)	20.73	15.36	(0.01)	(3.77)	2.12
1981	Dry	(3.51)	(3.27)	(2.74)	2.98	0.00	12.16	1.94	2.47	48.81	0.31	(4.42)	1.01	4.65
1982	Wet	0.92	0.85	0.74	0.34	0.37	0.02	0.02	0.01	24.37	21.33	0.62	0.59	4.18
1983	Wet	(6.42)	7.58	0.00	0.00	0.00	0.00	0.00	0.00	24.63	0.00	18.59	5.34	4.14
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.86	21.71	0.00	0.00	4.05
1985	Dry	0.01	0.01	0.01	0.00	0.00	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(34.67)	7.90	0.05	17.70	25.83	5.20	0.05	1.84
1987	Dry	0.04	0.04	0.04	0.00	0.00	0.03	(2.06)	(2.67)	(2.81)	(2.75)	(2.47)	(2.19)	(1.23)
1988	Critical	(1.44)	(1.16)	(0.74)	(0.41)	(0.20)	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	(0.33)
1989	Dry	0.00	0.00	0.00	(0.02)	(0.02)	(0.03)	(0.09)	(0.11)	(0.64)	(0.01)	(3.52)	1.11	(0.28)
1990	Critical	0.90	0.82	0.64	(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)	(1.17)	0.02	0.32	0.24	0.22	(0.03)
1992	Critical	0.13	(1.14)	0.82	0.46	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	(0.30)	0.00
1993	Above Normal	(0.29)	(0.47)	1.04	0.00	(0.05)	(0.24)	(0.01)	0.11	29.85	17.94	0.37	0.33	4.05
1994	Critical	0.20	0.18	0.11	(0.56)	(0.48)	(0.21)	0.01	0.01	0.15	(0.02)	0.00	(0.01)	(0.05)
1995	Wet	0.00	0.04	(0.02)	0.00	(0.01)	0.00	0.01	0.00	23.40	0.21	18.80	5.54	4.00
1996	Wet	0.21	0.19	0.18	(61.06)	(50.55)	(22.89)	(1.70)	(1.72)	7.77	17.58	17.73	(1.65)	(7.99)
1997	Wet	(1.59)	(1.48)	(1.34)	0.00	0.00	0.17	0.86	0.22	24.86	23.66	0.72	0.22	3.86
1998	Wet	0.23	0.21	0.19	0.72	0.00	(0.13)	(0.08)	(3.53)	20.88	(3.96)	13.98	1.79	2.53
1999	Wet	4.19	(5.14)	1.90	0.00	0.00	(8.51)	(5.55)	0.24	21.24	19.30	8.80	0.23	3.06
2000	Above Normal	0.24	0.21	0.19	0.49	0.62	(0.78)	(0.24)	0.47	23.38	9.65	0.60	0.45	2.94
2001	Dry	(0.24)	(0.23)	(0.47)	(3.41)	(3.06)	(0.85)	0.46	0.60	0.63	0.61	0.55	0.48	(0.41)
2002	Dry	0.32	0.26	0.16	0.04	0.08	(0.05)	(0.31)	(0.31)	(0.32)	(0.32)	(0.35)	(0.31)	(0.09)
2003	Above Normal	(0.31)	2.75	(3.28)	1.05	0.95	0.36	(0.02)	(0.02)	(0.01)	(0.01)	(0.02)	(0.02)	0.12
	Average	0.12	1.91	5.35	(0.73)	(0.81)	(1.10)	0.76	(0.82)	9.02	7.06	0.75	(0.80)	1.73
	Wet	(1.41)	1.24	1.16	(3.67)	(2.03)	(3.63)	(0.45)	(0.75)	20.81	15.55	4.89	1.37	2.76
	Above Normal	0.33	(1.01)	0.83	0.59	0.17	0.32	(0.28)	0.40	13.26	13.02	2.59	1.61	2.66
	Below Normal	1.66	2.49	4.53	(1.21)	(2.73)	(0.27)	4.31	(4.84)	5.71	10.46	3.97	3.57	2.31
	Dry	(1.67)	2.74	14.61	0.83	(0.30)	(0.74)	(0.30)	(0.11)	1.32	2.22	0.64	0.44	1.64
	Critical	4.10	4.38	6.01	2.55	2.29	1.41	1.89	1.45	(5.37)	(14.02)	(13.65)	(14.88)	(1.99)

Percent Difference in Energy Use (GWh) At Pumping Plant at Chrisman: Alternative3_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%	29%	28%	4%	3%
1923	Below Normal	3%	3%	3%	0%	0%	18%	33%	-52%	-65%	39%	22%	23%
1924	Critical	30%	30%	35%	45%	43%	20%	13%	15%	-24%	-92%	-92%	-93%
1925	Dry	125%	374%	653%	75%	28%	-42%	-3%	-15%	-15%	-15%	-15%	-15%
1926	Dry	-17%	-17%	-18%	8%	1%	7%	5%	11%	-7%	15%	15%	9%
1927	Wet	-42%	58%	59%	13%	-4%	0%	-2%	-2%	-4%	22%	2%	3%
1928	Above Normal	3%	3%	3%	-2%	-2%	-1%	0%	1%	-85%	16%	15%	16%
1929	Critical	16%	16%	16%	-1%	0%	8%	28%	20%	-88%	-92%	-91%	-92%
1930	Dry	-94%	-74%	587%	85%	9%	8%	2%	0%	-80%	19%	21%	21%
1931	Critical	30%	34%	36%	22%	14%	11%	-3%	-3%	-3%	-38%	-93%	-94%
1932	Dry	-72%	58%	538%	27%	0%	7%	3%	3%	28%	32%	6%	5%
1933	Critical	8%	10%	10%	16%	8%	-5%	-3%	-5%	-5%	-6%	-9%	-65%
1934	Critical	-19%	0%	109%	8%	10%	11%	8%	7%	7%	-40%	-50%	0%
1935	Below Normal	1%	17%	88%	19%	7%	6%	3%	-17%	-46%	2%	19%	21%
1936	Below Normal	23%	23%	24%	1%	0%	-23%	14%	1%	22%	24%	1%	1%
1937	Below Normal	1%	1%	1%	1%	-3%	15%	-1%	-1%	23%	19%	2%	-1%
1938	Wet	-1%	-1%	-1%	0%	0%	-1%	4%	-7%	2%	-3%	11%	21%
1939	Dry	-2%	-2%	-2%	0%	0%	-2%	-9%	2%	94%	1%	-2%	0%
1940	Above Normal	0%	-29%	9%	-18%	-13%	-2%	0%	0%	34%	1%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-3%	0%	0%	27%	24%	2%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	25%	24%	0%	0%
1943	Wet	0%	0%	0%	1%	0%	2%	2%	0%	22%	19%	3%	0%
1944	Dry	0%	0%	0%	-14%	-13%	-7%	0%	0%	0%	0%	-1%	-1%
1945	Below Normal	-1%	-1%	-1%	-1%	0%	-8%	0%	0%	25%	21%	0%	0%
1946	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	29%	3%	0%	0%
1947	Dry	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-2%	-2%	-1%	0%	3%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-3%	-3%	-1%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	26%	20%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	-4%	24%	23%	-5%	-4%
1953	Wet	-4%	-4%	4%	0%	0%	-7%	-17%	-2%	32%	0%	-1%	-1%
1954	Above Normal	0%	0%	1%	6%	6%	4%	1%	1%	4%	-1%	0%	0%
1955	Dry	0%	0%	0%	1%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-1%	-14%	0%	0%	0%	0%	20%	23%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	750%	1%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	20%	17%	6%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-2%	-2%	-2%	-36%	0%	0%	0%
1960	Dry	0%	0%	0%	-2%	-1%	0%	0%	0%	5%	-1%	3%	-2%
1961	Dry	-2%	-2%	-1%	5%	4%	2%	0%	0%	0%	0%	1%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	804%	1%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	30%	19%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	32%	19%	1%	1%
1966	Below Normal	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	23%	22%	0%	0%
1968	Below Normal	0%	0%	-6%	0%	0%	-2%	4%	1%	30%	5%	2%	1%
1969	Wet	0%	0%	-2%	-22%	0%	0%	-1%	-1%	24%	-1%	17%	5%
1970	Wet	-1%	-1%	-1%	0%	0%	0%	-2%	0%	23%	21%	4%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	24%	22%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	-5%	6%	-1%	25%	20%	-1%	-1%
1975	Wet	-1%	-1%	-1%	-2%	-1%	-4%	1%	1%	26%	22%	1%	1%
1976	Critical	1%	1%	1%	1%	1%	0%	-1%	-1%	-1%	-1%	0%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	11%	0%	1%	0%	-1%	0%
1978	Above Normal	0%	-3%	0%	0%	0%	-3%	0%	3%	29%	25%	8%	3%
1979	Below Normal	0%	0%	-3%	-17%	-27%	-3%	13%	1%	29%	21%	1%	1%
1980	Above Normal	1%	1%	1%	-4%	0%	3%	-5%	-4%	21%	16%	0%	-4%
1981	Dry	-4%	-4%	-4%	2%	0%	13%	2%	2%	292%	0%	-4%	1%
1982	Wet	1%	1%	1%	1%	1%	0%	0%	0%	22%	20%	1%	1%
1983	Wet	-6%	8%	0%	0%	0%	0%	0%	0%	27%	0%	24%	7%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	26%	21%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-23%	8%	0%	16%	24%	5%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-3%	-3%	-4%	-4%	-4%	-4%
1988	Critical	-4%	-5%	-4%	-3%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	-3%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	1%	0%	0%
1992	Critical	1%	-7%	6%	4%	0%	0%	0%	0%	0%	0%	0%	-1%
1993	Above Normal	-1%	-10%	1%	0%	0%	0%	0%	0%	44%	16%	0%	0%
1994	Critical	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	21%	0%	16%	5%
1996	Wet	0%	0%	0%	-49%	-39%	-20%	-2%	-2%	7%	17%	16%	-2%
1997	Wet	-2%	-2%	-2%	0%	0%	0%	1%	0%	25%	24%	1%	0%
1998	Wet	0%	0%	0%	1%	0%	0%	0%	-4%	21%	-4%	13%	2%
1999	Wet	5%	-6%	2%	0%	0%	-6%	-5%	0%	21%	19%	8%	0%
2000	Above Normal	0%	0%	0%	0%	1%	-1%	0%	0%	22%	8%	1%	0%
2001	Dry	0%	0%	-1%	-8%	-7%	-2%	1%	1%	1%	1%	1%	1%
2002	Dry	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	5%	-3%	6%	3%	1%	0%	0%	0%	0%	0%	0%
	Average	0%	6%	26%	3%	0%	-1%	1%	-1%	30%	6%	-1%	-3%
	Wet	-2%	2%	2%	-3%	-2%	-3%	0%	-1%	21%	15%	5%	1%
	Above Normal	0%	-3%	1%	3%	0%	0%	0%	0%	75%	13%	2%	2%
	Below Normal	2%	3%	8%	0%	-2%	0%	5%	-5%	58%	10%	3%	3%
	Dry	-4%	19%	97%	10%	1%	-1%	0%	0%	17%	3%	1%	1%
	Critical	5%	7%	18%	8%	6%	4%	4%	3%	-9%	-22%	-28%	-29%

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: Alternative3_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.17	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.61
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	1.43
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.07	0.08	0.07	0.05	1.45
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.04	1.43
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.74	0.40	0.05	0.07	0.08	0.07	0.04	1.45
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.06	0.04	1.41
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.07	0.08	0.07	0.05	1.45
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.38	0.05	0.06	0.08	0.07	0.05	1.42
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.04	0.07	0.07	0.07	0.04	1.41
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.06	0.09	0.07	0.04	1.45
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.07	0.07	0.05	1.43
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.04	0.06	0.08	0.07	0.05	1.42
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.74	0.40	0.06	0.07	0.08	0.07	0.05	1.47
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.07	0.07	0.05	1.43
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	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	0.11	0.97	0.05	0.06	0.07	0.08	0.07	0.05	1.46
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.80	0.32	0.06	0.07	0.08	0.07	0.05	1.45
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	1.43
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.74	0.39	0.05	0.07	0.08	0.07	0.05	1.45
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.80	0.33	0.06	0.07	0.08	0.07	0.05	1.46
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.38	0.06	0.07	0.07	0.07	0.05	1.43
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.07	0.08	0.06	0.05	1.44
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.04	0.07	0.07	0.07	0.04	1.42
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.07	0.08	0.07	0.05	1.45
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.06	0.05	1.42
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.06	0.08	0.08	0.07	0.05	1.46
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.86	0.25	0.05	0.06	0.07	0.07	0.05	1.41
1983	Wet	0.00	0.42	0.16	0.00	0.03	0.61	0.03	0.05	0.06	0.07	0.07	0.05	1.55
1984	Wet	0.03	0.01	0.00	0.00	0.00	0.71	0.03	0.06	0.07	0.08	0.07	0.06	1.12
1985	Dry	0.00	0.00	0.82	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.04	2.26
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.04	1.43
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.07	0.07	0.07	0.05	1.45
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.54	0.40	0.05	0.07	0.08	0.07	0.05	1.26
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	1.43
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.56	0.40	0.06	0.07	0.08	0.07	0.05	1.29
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.07	0.07	0.05	1.43
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.08	0.07	0.05	1.43
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.05	0.07	0.08	0.07	0.05	1.45
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.07	0.08	0.07	0.05	1.46
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.04	0.06	0.08	0.07	0.05	1.42
1999	Wet	0.00	0.35	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.07	0.07	0.05	1.78
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.40	0.06	0.07	0.07	0.07	0.05	1.45
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.74	0.39	0.07	0.07	0.08	0.07	0.05	1.47
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.73	0.39	0.05	0.07	0.08	0.07	0.05	1.44
	Average	0.00	0.01	0.05	0.01	0.01	0.72	0.36	0.05	0.07	0.08	0.07	0.05	1.48
	Wet	0.00	0.03	0.03	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	0.75	0.38	0.05	0.07	0.08	0.07	0.05	1.50
	Dry	0.00	0.00	0.09	0.00	0.03	0.68	0.39	0.05	0.07	0.08	0.07	0.05	1.51
	Critical	0.00	0.00	0.00	0.00	0.00	0.72	0.39	0.05	0.07	0.08	0.07	0.05	1.43

Difference in Energy Use (GWh) At Pumping Plant at Del Valle: Alternative3_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	(0.29)	0.36	0.00	0.00	0.00	0.00	0.00	0.01
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	(0.18)	0.18	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)	(0.89)	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	0.16	0.00	0.03	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1984	Wet	0.02	(0.02)	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.35	(0.42)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	0.01	0.00	(0.00)	(0.01)	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
	Wet	0.00	0.03	0.00	(0.00)	(0.03)	0.05	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.02)	0.02	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	0.00	0.00	0.00	0.00	0.00	(0.05)	0.05	0.00	0.00	0.00	0.00	0.00	0.00
	Dry	0.00	0.00	0.00	0.00	0.00	(0.01)	0.02	0.00	0.00	0.00	0.00	0.00	0.00
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at Del Valle: Alternative3_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	-28%	>1,000%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	22%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	-20%	86%	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%	-89%	>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%	-	-9%	0%	0%	0%	0%	0%	0%
1984	Wet	200%	-67%	0%	0%	0%	11%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	-	-100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	2%	11%	-1%	-1%	-1%	-1%	8%	0%	0%	0%	0%	0%
	Wet	8%	34%	-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%	-5%	38%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

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

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

Energy Use (GWh) At Pumping Plant at Edmonston: Alternative3_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	436.33	436.75	374.10	334.40	4,180.99
1923	Below Normal	302.43	273.50	236.04	471.87	455.14	534.02	418.35	167.70	120.66	516.62	469.32	418.10	4,383.75
1924	Critical	349.85	316.68	260.37	233.85	227.27	164.17	205.01	244.76	162.24	16.08	14.98	12.19	2,207.45
1925	Dry	188.97	296.51	398.77	79.57	90.48	128.80	284.95	324.51	322.26	344.99	349.62	308.80	3,118.23
1926	Dry	232.00	208.49	160.37	106.78	114.76	167.28	242.00	366.98	305.51	403.87	409.70	343.43	3,061.17
1927	Wet	139.34	338.57	261.26	103.04	140.19	320.06	363.51	357.52	357.07	454.64	399.48	361.52	3,596.20
1928	Above Normal	332.30	300.49	263.41	395.29	391.25	242.07	371.21	365.52	56.24	428.22	444.39	402.82	3,993.21
1929	Critical	367.08	333.29	290.82	366.03	344.46	206.48	194.66	233.47	23.92	16.18	15.28	12.15	2,403.82
1930	Dry	4.65	14.84	335.51	74.73	87.12	117.98	256.89	294.22	59.34	361.77	355.12	314.21	2,276.38
1931	Critical	223.10	195.21	149.76	93.07	101.12	116.15	199.54	237.10	237.99	152.56	15.34	11.96	1,732.90
1932	Dry	26.69	120.07	402.89	74.38	93.04	144.43	265.12	301.34	373.51	409.90	329.10	286.71	2,827.18
1933	Critical	213.37	191.11	145.87	97.62	104.28	121.46	223.07	267.96	272.14	270.38	241.77	80.62	2,229.65
1934	Critical	111.20	106.22	166.53	74.46	84.05	119.98	234.96	279.82	282.08	156.90	15.19	12.20	1,643.59
1935	Below Normal	146.43	328.18	393.05	78.02	96.55	136.21	340.52	319.00	123.04	450.83	530.11	478.68	3,420.62
1936	Below Normal	371.44	336.65	264.77	104.36	126.95	311.76	389.88	385.46	472.33	482.83	412.15	372.02	4,030.60
1937	Below Normal	342.39	310.18	271.81	418.96	442.08	509.78	331.12	360.13	451.93	443.39	397.71	346.54	4,626.02
1938	Wet	314.39	285.00	247.47	471.87	455.14	502.07	321.10	331.97	367.31	340.89	428.28	396.94	4,462.43
1939	Dry	288.55	260.90	232.76	471.87	455.14	528.00	342.61	374.07	296.34	436.71	313.75	432.63	4,433.33
1940	Above Normal	345.77	148.07	377.44	52.75	66.41	172.11	328.92	385.88	428.74	427.86	431.20	381.04	3,546.19
1941	Wet	292.99	264.33	206.01	148.90	193.21	458.40	276.46	311.02	400.26	396.37	344.73	300.15	3,592.83
1942	Wet	267.50	241.70	206.51	471.87	455.14	532.97	409.92	332.63	423.61	423.82	359.11	322.11	4,446.89
1943	Wet	291.96	263.52	227.88	406.61	455.14	444.59	396.95	375.38	465.87	456.62	416.23	363.41	4,564.16
1944	Dry	332.13	300.83	261.85	294.09	275.15	187.52	258.97	299.31	296.58	313.02	309.86	273.72	3,403.03
1945	Below Normal	192.02	166.86	127.51	98.87	108.08	450.97	340.87	365.75	462.74	452.73	390.70	352.76	3,509.86
1946	Below Normal	323.17	292.28	342.43	429.49	321.35	347.61	350.82	346.76	452.40	363.91	372.05	335.53	4,277.80
1947	Dry	305.75	276.47	240.52	409.94	397.50	254.23	360.27	383.38	384.81	400.26	410.54	366.86	4,190.53
1948	Below Normal	305.44	276.19	227.08	234.17	222.55	147.53	219.29	277.02	13.32	445.63	449.40	397.84	3,215.46
1949	Dry	305.46	275.66	215.10	108.93	115.43	144.35	361.40	378.04	381.34	394.26	404.86	362.40	3,447.23
1950	Below Normal	305.86	276.74	229.72	96.06	99.16	121.95	301.94	344.16	12.97	436.35	439.46	388.41	3,052.78
1951	Above Normal	297.50	268.36	248.50	471.87	419.44	498.54	315.28	356.28	457.44	437.08	382.13	344.85	4,497.27
1952	Wet	315.11	284.88	248.07	471.87	469.09	341.82	291.23	287.93	375.06	378.23	313.79	277.67	4,054.75
1953	Wet	245.28	220.56	359.94	471.87	455.14	497.22	356.04	328.55	438.40	343.00	354.38	317.77	4,388.15
1954	Above Normal	274.79	247.58	208.04	323.47	323.68	310.42	333.78	382.66	379.66	385.38	421.00	372.21	3,962.67
1955	Dry	285.83	257.63	200.30	108.57	127.13	165.88	278.32	317.85	314.38	337.24	342.78	302.75	3,038.66
1956	Wet	227.16	203.50	156.40	340.23	431.42	506.16	361.12	388.39	473.50	488.40	418.22	377.10	4,371.60
1957	Above Normal	346.75	314.20	274.12	471.87	448.62	298.84	278.28	236.17	123.06	420.88	419.18	371.16	4,003.13
1958	Wet	282.18	254.30	197.70	87.73	221.31	456.78	358.77	387.93	472.02	466.16	444.30	375.87	4,005.05
1959	Below Normal	344.13	311.58	270.70	471.87	455.14	479.57	310.19	352.69	110.62	427.35	431.26	382.03	4,347.13
1960	Dry	292.87	263.99	205.02	94.96	97.51	129.48	354.27	400.30	288.03	449.66	353.64	436.78	3,366.51
1961	Dry	345.45	312.66	247.52	132.80	138.29	130.31	300.53	342.16	341.48	364.69	314.24	208.70	3,178.83
1962	Below Normal	53.62	311.58	345.00	54.05	63.41	161.14	304.04	349.32	122.08	447.01	447.49	395.68	3,054.42
1963	Wet	303.37	273.83	214.10	195.46	227.10	301.16	344.10	342.37	450.07	414.72	367.05	331.25	3,764.58
1964	Dry	301.79	272.47	346.74	359.62	234.17	247.44	368.91	356.17	361.71	363.37	381.25	343.87	3,937.51
1965	Wet	315.06	284.44	248.52	382.22	402.83	324.19	338.48	332.77	427.43	404.55	359.48	323.24	4,143.21
1966	Below Normal	289.14	260.54	223.62	424.64	441.28	336.29	320.40	360.65	335.02	386.82	398.74	352.01	4,129.15
1967	Wet	275.19	247.49	194.08	121.57	249.14	314.28	368.24	362.54	453.84	454.64	391.14	350.89	3,783.04
1968	Below Normal	319.96	289.33	251.34	471.87	471.39	492.17	378.38	346.36	446.34	376.52	377.19	334.71	4,555.56
1969	Wet	270.71	243.53	195.32	264.04	455.14	511.87	308.74	339.45	430.04	348.17	435.98	347.81	4,150.80
1970	Wet	320.62	242.75	229.22	471.87	455.14	518.24	326.59	356.94	444.19	439.08	395.67	345.09	4,545.40
1971	Wet	315.69	285.18	248.53	471.87	455.14	384.27	307.05	355.94	342.43	381.76	391.76	345.33	4,284.95
1972	Below Normal	264.32	237.70	184.11	101.32	196.45	276.86	330.19	366.82	366.41	387.81	398.19	352.55	3,462.73
1973	Above Normal	279.43	251.83	199.57	150.05	285.53	376.03	330.00	367.49	463.47	454.27	392.50	354.14	3,904.31
1974	Wet	324.78	293.65	256.71	471.87	455.14	463.71	395.50	356.29	457.37	438.76	384.02	345.41	4,643.21
1975	Wet	314.95	284.33	246.73	463.75	451.87	437.97	374.25	362.83	461.50	446.91	386.61	349.52	4,581.22
1976	Critical	319.52	289.10	253.03	405.00	396.75	252.09	311.36	357.58	148.83	423.83	319.52	413.45	3,890.06
1977	Critical	318.24	287.30	223.62	94.86	97.94	100.50	103.03	22.14	13.90	17.60	15.60	12.41	1,307.14
1978	Above Normal	4.90	42.76	226.22	53.86	95.03	249.54	336.48	341.75	431.33	419.89	381.79	327.73	2,911.28
1979	Below Normal	286.76	258.11	218.96	330.15	321.65	372.49	361.04	350.93	454.90	429.24	374.83	337.67	4,096.73
1980	Above Normal	307.37	277.64	242.32	403.99	471.39	525.34	289.88	322.92	412.88	399.22	367.15	312.05	4,332.15
1981	Dry	279.89	252.46	216.71	471.00	455.14	377.80	312.39	364.42	229.19	443.09	393.30	409.65	4,205.04
1982	Wet	314.72	284.39	221.42	184.25	219.33	517.21	372.52	361.83	464.36	456.84	407.66	363.66	4,168.19
1983	Wet	331.58	349.29	495.96	471.87	455.14	511.81	260.11	271.19	403.82	321.43	336.51	292.11	4,500.82
1984	Wet	281.52	257.61	498.07	471.87	471.39	513.22	318.33	361.00	459.45	444.06	387.22	349.82	4,813.56
1985	Dry	319.68	289.40	345.44	418.58	425.16	396.08	345.32	340.91	346.88	347.52	364.03	328.26	4,267.26
1986	Wet	299.12	270.37	235.51	384.95	360.18	408.93	371.75	370.38	438.76	469.66	419.44	357.78	4,386.83
1987	Dry	325.91	295.44	256.09	471.87	451.55	252.69	218.04	260.72	263.90	260.24	233.96	205.69	3,496.10
1988	Critical	110.64	80.73	66.68	55.70	83.45	93.14	157.74	182.86	181.97	182.01	162.48	142.46	1,499.86
1989	Dry	69.47	52.52	44.78	36.70	72.75	92.72	343.56	399.20	293.13	448.08	405.34	417.75	2,676.00
1990	Critical	323.08	292.09	227.74	99.76	107.03	117.39	198.63	235.26	237.41	235.59	210.71	185.07	2,469.76
1991	Critical	96.59	70.09	59.13	50.57	70.27	90.94	159.98	173.39	105.74	213.51	188.80	166.58	1,445.59
1992	Critical	82.27	53.14	54.77	44.63	66.86	87.30	158.18	183.55	182.07	15.94	15.22	134.29	1,078.22
1993	Above Normal	192.64	14.80	246.67	58.11	175.83	261.47	337.43	351.85	341.49	449.99	402.39	359.97	3,192.64
1994	Critical	305.76	276.26	229.42	280.89	268.94	214.41	286.48	325.84	270.07	358.11	105.86	328.47	3,250.51
1995	Wet	67.25	222.61	420.98	53.50	152.95	230.76	392.25	381.37	469.50	391.19	477.29	388.70	3,648.35
1996	Wet	338.98	307.05	267.87	226.00	274.37	321.78	369.55	356.71	395.56	431.53	450.71	344.62	4,084.73
1997	Wet	315.05	285.01	248.76	471.87	455.14	532.51	333.38	341.67	431.73	430.51	370.80	330.52	4,546.95
1998	Wet	298.99	270.40	233.45	466.93	455.14	470.06	338.38	331.59	421.80	340.54	425.83	340.07	4,393.18
1999	Wet	331.49	304.04	304.76	471.87	455.14	454.32	334.52	357.30	435.44	432.01	414.72	347.03	4,642.64
2000	Above Normal	317.26	287.09	250.02	428.60	414.54	319.19	339.77	382.22	461.41	437.93	414.99	367.52	4,420.54
2001	Dry	289.09	261.16	206.55	143.11	140.26	133.99	228.65	276.16	279.59	278.41	249.82	219.37	2,706.16
2002	Dry	118.54	87.74	70.96	48.25	105.16	169.74	375.36	361.73	366.63	369.55	385.69	348.50	2,807.85
2003	Above Normal	318.86	204.69	335.11	68.90	112.90	169.82	286.39	326.83	21.25	413.04	415.49	367.46	3,040.74
	Average	267.42	248.63	246.34	263.57	277.38	306.13	311.17	326.66	326.11	374.85	349.30	315.94	3,613.50
	Wet	284.42	271.63	264.28	346.91	374.08	433.71	345.72	347.83	429.25	415.17	395.40	344.05	4,252.45
	Above Normal	296.07	233.80	268.94	250.43	280.79	307.93	324.97	347.04	334.44	425.88	403.86	357.95	3,832.09
	Below Normal	274.79	280.67	256.15	270.41	272.94	334.17	335.50	335.20	281.77	431.93	420.61	374.61	3,868.76
	Dry	239.60	227.74	243.77	216.99	215.32	209.37	305.42	341.19	305.81	373.70	350.37	328.34	3,357.61
	Critical	235.06	207.60	177.31	158.04	162.70	140.33	202.72	228.64	176.53	171.56	110.06	125.99	2,096.55

Difference in Energy Use (GWh) At Pumping Plant at Edmonston: Alternative3_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	96.79	95.26	14.68	10.90	22.90
1923	Below Normal	9.34	8.74	6.18	0.00	0.00	81.29	103.95	(183.70)	(228.09)	145.53	85.59	78.38	8.93
1924	Critical	80.00	73.98	67.86	72.77	68.41	27.83	24.29	31.68	(51.68)	(195.95)	(174.83)	(154.40)	(10.84)
1925	Dry	105.02	234.01	345.78	34.18	19.78	(93.58)	(9.04)	(56.34)	(57.20)	(60.96)	(63.33)	(56.05)	28.52
1926	Dry	(47.48)	(43.64)	(35.64)	7.54	1.58	10.67	11.68	36.69	(23.00)	52.97	52.57	28.13	4.34
1927	Wet	(99.02)	124.75	96.59	11.84	(6.54)	0.45	(7.81)	(8.03)	(14.34)	81.76	9.25	9.27	16.51
1928	Above Normal	9.37	8.37	7.70	(9.00)	(7.51)	(3.00)	(1.08)	2.88	(311.12)	58.76	59.52	55.14	(10.83)
1929	Critical	50.90	46.93	40.68	(3.21)	0.24	14.56	42.12	38.53	(170.22)	(177.41)	(158.20)	(135.68)	(34.23)
1930	Dry	(72.03)	(42.63)	286.66	34.41	7.29	8.51	4.62	1.36	(234.81)	57.60	60.96	54.93	13.91
1931	Critical	51.35	50.08	39.80	16.57	12.14	11.97	(5.70)	(7.38)	(7.65)	(92.02)	(203.38)	(177.96)	(26.02)
1932	Dry	(70.17)	43.90	339.68	15.79	0.25	9.24	8.47	7.70	81.94	100.48	19.06	12.76	47.43
1933	Critical	15.98	16.72	13.10	13.70	7.70	(5.99)	(6.35)	(14.93)	(13.94)	(17.96)	(23.80)	(153.07)	(14.07)
1934	Critical	(26.08)	(0.12)	87.00	5.24	7.33	11.55	16.49	18.99	18.91	(104.34)	(15.28)	0.00	1.64
1935	Below Normal	0.78	48.68	184.16	12.58	6.45	7.18	9.54	(63.40)	(105.91)	10.30	84.09	83.75	23.18
1936	Below Normal	68.66	62.52	51.12	1.43	(0.35)	(92.25)	48.62	4.73	85.48	94.31	5.24	4.77	27.86
1937	Below Normal	4.77	4.38	3.94	3.44	(13.06)	65.25	(2.95)	(2.34)	83.84	72.25	7.92	(2.09)	18.78
1938	Wet	(2.57)	(2.30)	(2.55)	0.00	0.00	(6.14)	13.48	(24.12)	5.53	(10.74)	40.71	68.86	6.68
1939	Dry	(6.36)	(5.82)	(5.42)	0.00	0.00	(8.65)	(32.34)	5.80	143.70	2.89	(5.02)	(0.21)	7.38
1940	Above Normal	1.44	(61.82)	31.71	(11.41)	(9.89)	(3.13)	(0.13)	(0.16)	107.84	3.19	(0.06)	(0.05)	4.79
1941	Wet	(0.04)	(0.05)	(0.04)	0.04	(0.02)	(16.42)	0.00	0.00	86.21	77.68	6.06	0.00	12.79
1942	Wet	0.00	0.00	0.00	0.00	0.00	(1.89)	0.39	(0.98)	85.15	82.62	(1.31)	(1.02)	13.58
1943	Wet	(0.90)	(0.85)	(0.66)	5.11	0.00	7.84	8.08	(0.10)	85.50	72.53	10.99	(0.25)	15.61
1944	Dry	(0.09)	(0.10)	0.12	(46.61)	(41.92)	(14.42)	(0.78)	(0.48)	(0.32)	(0.87)	(1.59)	(1.41)	(9.04)
1945	Below Normal	(2.12)	(2.33)	(1.84)	(0.65)	(0.34)	(38.11)	0.49	0.48	91.30	79.62	0.51	0.47	10.62
1946	Below Normal	0.47	0.43	2.58	0.00	0.00	1.18	1.45	1.50	102.81	12.10	1.64	1.49	10.47
1947	Dry	1.49	1.37	1.23	2.54	0.57	(0.45)	(0.46)	0.88	0.75	1.30	1.14	0.85	0.93
1948	Below Normal	(0.38)	(0.35)	(0.84)	(5.71)	(5.13)	(1.89)	0.25	7.29	0.00	0.07	0.16	0.11	(0.54)
1949	Dry	0.12	0.12	0.12	(0.08)	0.10	(0.28)	(0.08)	0.31	0.27	0.43	0.38	0.29	0.14
1950	Below Normal	(0.06)	(0.05)	(0.20)	(3.23)	(2.88)	(0.91)	(0.06)	(0.07)	0.00	(0.10)	(0.09)	(0.09)	(0.64)
1951	Above Normal	(0.08)	(0.07)	(3.74)	0.00	0.00	0.00	0.00	0.00	95.75	74.19	0.00	0.00	13.84
1952	Wet	0.00	0.00	0.00	0.00	(0.02)	(0.02)	(0.04)	(12.14)	73.32	70.09	(15.86)	(12.18)	8.60
1953	Wet	(10.71)	(10.09)	14.19	0.00	0.00	(38.71)	(73.51)	(5.85)	106.73	(0.32)	(3.26)	(2.37)	(1.99)
1954	Above Normal	1.09	1.06	2.60	18.16	17.32	12.96	2.15	2.74	14.26	(2.05)	1.55	1.31	6.10
1955	Dry	1.22	1.12	0.96	1.08	0.11	(0.43)	(2.08)	(2.50)	(2.54)	(2.71)	(2.76)	(2.46)	(0.92)
1956	Wet	(2.05)	(1.90)	(1.55)	(57.43)	0.07	0.11	0.27	0.26	78.57	91.90	0.27	0.25	9.06
1957	Above Normal	0.25	0.23	0.21	0.00	(0.11)	(0.16)	0.13	1.04	108.56	3.27	0.04	0.04	9.46
1958	Wet	0.03	0.03	0.02	0.00	0.01	(0.46)	0.00	0.00	77.86	68.66	23.42	0.00	14.13
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	(10.52)	(7.40)	(8.82)	(62.40)	1.97	0.78	1.00	(7.12)
1960	Dry	0.49	0.38	0.09	(1.47)	(1.31)	0.63	0.57	(0.74)	13.69	(4.23)	11.24	(8.92)	0.87
1961	Dry	(5.32)	(4.85)	(3.23)	6.15	5.52	2.14	0.62	0.75	0.77	0.81	3.95	(0.26)	0.59
1962	Below Normal	(0.15)	0.03	(0.13)	0.00	0.00	0.00	0.00	0.00	108.57	3.24	0.00	0.00	9.30
1963	Wet	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	103.64	66.29	0.00	0.00	14.16
1964	Dry	0.00	0.00	0.03	(0.02)	(0.15)	0.84	(0.16)	(0.15)	(0.17)	(0.16)	(0.17)	(0.14)	(0.02)
1965	Wet	(0.15)	(0.14)	(0.13)	1.42	0.84	(2.23)	0.11	0.69	103.03	63.31	1.86	1.66	14.19
1966	Below Normal	1.16	1.07	0.75	(2.39)	(2.36)	(1.10)	0.02	0.08	(0.21)	0.16	0.15	0.12	(0.21)
1967	Wet	0.05	0.05	0.02	(0.49)	(0.24)	(0.04)	0.10	(0.32)	85.86	83.37	(0.44)	(0.32)	13.97
1968	Below Normal	(0.27)	(0.26)	(17.10)	0.00	0.00	(12.22)	14.76	4.54	103.43	18.62	6.01	4.54	10.17
1969	Wet	(1.13)	(1.10)	(3.26)	(76.56)	0.00	0.00	(2.44)	(2.34)	83.78	(2.38)	62.61	16.39	6.13
1970	Wet	(1.80)	(2.17)	(2.03)	0.00	0.00	(1.25)	(8.32)	1.10	82.79	76.43	14.24	1.10	13.34
1971	Wet	1.09	1.01	0.92	0.00	0.00	(0.55)	(0.96)	(1.21)	(9.12)	0.38	0.19	0.21	(0.67)
1972	Below Normal	0.12	0.11	0.05	0.48	0.41	0.05	(0.11)	(0.26)	(0.26)	(0.31)	(0.26)	(0.23)	(0.02)
1973	Above Normal	(0.07)	(0.07)	(0.01)	0.61	0.50	1.29	(1.01)	0.10	89.72	80.42	0.11	0.10	14.31
1974	Wet	0.10	0.09	0.08	0.00	0.00	(23.40)	21.37	(2.69)	91.98	72.06	(3.56)	(2.76)	12.77
1975	Wet	(2.44)	(2.30)	(1.80)	(8.12)	(3.27)	(16.31)	3.61	3.59	96.18	81.25	3.92	3.57	13.16
1976	Critical	3.55	3.27	2.96	4.00	2.99	0.50	(1.72)	(2.06)	(1.52)	(2.35)	1.49	(3.27)	0.65
1977	Critical	(2.80)	(2.60)	(2.19)	(0.30)	(0.26)	(0.10)	10.34	0.00	0.13	0.00	(0.13)	0.00	0.17
1978	Above Normal	0.00	(1.43)	0.97	0.00	0.07	(6.52)	(1.33)	11.15	96.13	83.44	29.47	10.79	18.56
1979	Below Normal	(1.11)	(1.09)	(6.61)	(65.37)	(116.52)	(10.99)	42.41	2.83	101.10	74.49	2.59	2.78	2.04
1980	Above Normal	3.04	2.77	2.73	(17.11)	0.00	13.43	(15.93)	(12.95)	72.55	53.73	(0.04)	(13.21)	7.42
1981	Dry	(12.29)	(11.47)	(9.57)	10.44	0.00	42.55	6.80	8.65	170.79	1.07	(15.48)	3.51	16.25
1982	Wet	3.21	2.99	2.57	1.20	1.30	0.06	0.05	0.05	85.27	74.67	2.16	2.05	14.63
1983	Wet	(22.49)	26.54	0.01	0.00	0.00	0.00	0.00	0.00	86.21	0.00	65.04	18.69	14.50
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	93.97	75.99	0.01	0.02	14.17
1985	Dry	0.02	0.01	0.02	(0.01)	(0.01)	(0.02)	0.01	0.01	0.01	0.01	0.01	0.01	0.01
1986	Wet	0.01	0.01	0.00	0.01	0.00	(121.31)	27.62	0.17	61.93	90.39	18.19	0.16	6.43
1987	Dry	0.14	0.13	0.11	0.00	0.03	0.12	(7.19)	(9.37)	(9.83)	(9.62)	(8.65)	(7.64)	(4.31)
1988	Critical	(5.03)	(4.06)	(2.61)	(1.44)	(0.71)	(0.23)	0.01	0.00	0.01	0.00	0.00	0.01	(1.17)
1989	Dry	0.01	0.01	0.00	(0.07)	(0.07)	(0.11)	(0.31)	(0.39)	(2.25)	(0.02)	(12.32)	3.85	(0.97)
1990	Critical	3.14	2.87	2.26	(0.08)	(0.03)	0.01	0.04	0.05	0.05	0.05	0.05	0.04	0.70
1991	Critical	0.02	0.02	0.01	0.00	(0.01)	(0.01)	(0.04)	(4.08)	0.05	1.09	0.87	0.80	(0.11)
1992	Critical	0.46	(4.00)	2.88	1.62	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	0.00	0.00	(1.05)	(0.01)
1993	Above Normal	(1.01)	(1.66)	3.65	0.00	(0.19)	(0.82)	(0.03)	0.40	104.44	62.77	1.32	1.16	14.17
1994	Critical	0.70	0.64	0.38	(1.94)	(1.67)	(0.72)	0.03	0.03	0.53	(0.07)	0.00	(0.02)	(0.18)
1995	Wet	0.01	0.13	(0.07)	0.00	(0.02)	(0.02)	0.01	0.01	81.89	0.74	65.79	19.40	13.99
1996	Wet	0.73	0.66	0.62	(213.66)	(176.89)	(80.11)	(5.95)	(6.01)	27.20	61.51	62.04	(5.75)	(27.97)
1997	Wet	(5.57)	(5.20)	(4.69)	0.00	0.00	0.61	3.03	0.77	87.00	82.81	2.50	0.76	13.50
1998	Wet	0.78	0.71	0.67	2.52	0.00	(0.44)	(0.27)	(12.36)	73.08	(13.88)	48.94	6.30	8.84
1999	Wet	14.65	(18.01)	6.68	0.00	0.00	(29.80)	(19.42)	0.82	74.33	67.52	30.77	0.83	10.70
2000	Above Normal	0.82	0.75	0.66	1.72	2.15	(2.75)	(0.83)	1.65	81.80	33.79	2.09	1.56	10.28
2001	Dry	(0.87)	(0.82)	(1.64)	(11.95)	(10.68)	(2.97)	1.61	2.09	2.20	2.16	1.92	1.70	(1.44)
2002	Dry	1.11	0.89	0.56	0.14	0.29	(0.17)	(1.10)	(1.10)	(1.15)	(1.14)	(1.20)	(1.09)	(0.33)
2003	Above Normal	(1.09)	9.60	(11.47)	3.68	3.34	1.25	(0.05)	(0.06)	(0.02)	(0.06)	(0.07)	(0.06)	0.42
	Average	0.41	6.69	18.72	(2.56)	(2.85)	(3.86)	2.67	(2.87)	31.55	24.69	2.62	(2.80)	6.04
	Wet	(4.93)	4.34	4.06	(12.85)	(7.11)	(12.69)	(1.56)	(2.64)	72.83	54.41	17.10	4.80	9.65
	Above Normal	1.15	(3.52)	2.92	2.07	0.61	1.13	(0.97)	1.39	46.39	45.56	9.05	5.64	9.29
	Below Normal	5.80	8.71	15.86	(4.24)	(9.56)	(0.93)	15.07	(16.94)	19.98	36.59	13.88	12.50	8.06
	Dry	(5.83)	9.59	51.10	2.89	(1.03)	(2.58)	(1.06)	(0.38)	4.60	7.78	2.26	1.55	5.74
	Critical	14.35	15.31	21.01	8.91	8.01	4.95	6.62	5.07	(18.78)	(49.08)	(47.77)	(52.05)	(6.96)

Percent Difference in Energy Use (GWh) At Pumping Plant at Edmonston: Alternative3_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%	29%	28%	4%	3%
1923	Below Normal	3%	3%	3%	0%	0%	18%	33%	-52%	-65%	39%	22%	23%
1924	Critical	30%	30%	35%	45%	43%	20%	13%	15%	-24%	-92%	-92%	-93%
1925	Dry	125%	374%	653%	75%	28%	-42%	-3%	-15%	-15%	-15%	-15%	-15%
1926	Dry	-17%	-17%	-18%	8%	1%	7%	5%	11%	-7%	15%	15%	9%
1927	Wet	-42%	58%	59%	13%	-4%	0%	-2%	-2%	-4%	22%	2%	3%
1928	Above Normal	3%	3%	3%	-2%	-2%	-1%	0%	1%	-85%	16%	15%	16%
1929	Critical	16%	16%	16%	-1%	0%	8%	28%	20%	-88%	-92%	-91%	-92%
1930	Dry	-94%	-74%	587%	85%	9%	8%	2%	0%	-80%	19%	21%	21%
1931	Critical	30%	35%	36%	22%	14%	11%	-3%	-3%	-3%	-38%	-93%	-94%
1932	Dry	-72%	58%	537%	27%	0%	7%	3%	3%	28%	32%	6%	5%
1933	Critical	8%	10%	10%	16%	8%	-5%	-3%	-5%	-5%	-6%	-9%	-66%
1934	Critical	-19%	0%	109%	8%	10%	11%	8%	7%	7%	-40%	-50%	0%
1935	Below Normal	1%	17%	88%	19%	7%	6%	3%	-17%	-46%	2%	19%	21%
1936	Below Normal	23%	23%	24%	1%	0%	-23%	14%	1%	22%	24%	1%	1%
1937	Below Normal	1%	1%	1%	1%	-3%	15%	-1%	-1%	23%	19%	2%	-1%
1938	Wet	-1%	-1%	-1%	0%	0%	-1%	4%	-7%	2%	-3%	11%	21%
1939	Dry	-2%	-2%	-2%	0%	0%	-2%	-9%	2%	94%	1%	-2%	0%
1940	Above Normal	0%	-29%	9%	-18%	-13%	-2%	0%	0%	34%	1%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-3%	0%	0%	27%	24%	2%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	25%	24%	0%	0%
1943	Wet	0%	0%	0%	1%	0%	2%	2%	0%	22%	19%	3%	0%
1944	Dry	0%	0%	0%	-14%	-13%	-7%	0%	0%	0%	0%	-1%	-1%
1945	Below Normal	-1%	-1%	-1%	-1%	0%	-8%	0%	0%	25%	21%	0%	0%
1946	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	29%	3%	0%	0%
1947	Dry	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-2%	-2%	-1%	0%	3%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-3%	-3%	-1%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	26%	20%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	-4%	24%	23%	-5%	-4%
1953	Wet	-4%	-4%	4%	0%	0%	-7%	-17%	-2%	32%	0%	-1%	-1%
1954	Above Normal	0%	0%	1%	6%	6%	4%	1%	1%	4%	-1%	0%	0%
1955	Dry	0%	0%	0%	1%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-1%	-14%	0%	0%	0%	0%	20%	23%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	749%	1%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	20%	17%	6%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-2%	-2%	-2%	-36%	0%	0%	0%
1960	Dry	0%	0%	0%	-2%	-1%	0%	0%	0%	5%	-1%	3%	-2%
1961	Dry	-2%	-2%	-1%	5%	4%	2%	0%	0%	0%	0%	1%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	804%	1%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	30%	19%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	32%	19%	1%	1%
1966	Below Normal	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	23%	22%	0%	0%
1968	Below Normal	0%	0%	-6%	0%	0%	-2%	4%	1%	30%	5%	2%	1%
1969	Wet	0%	0%	-2%	-22%	0%	0%	-1%	-1%	24%	-1%	17%	5%
1970	Wet	-1%	-1%	-1%	0%	0%	0%	-2%	0%	23%	21%	4%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	24%	22%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	-5%	6%	-1%	25%	20%	-1%	-1%
1975	Wet	-1%	-1%	-1%	-2%	-1%	-4%	1%	1%	26%	22%	1%	1%
1976	Critical	1%	1%	1%	1%	1%	0%	-1%	-1%	-1%	-1%	0%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	11%	0%	1%	0%	-1%	0%
1978	Above Normal	0%	-3%	0%	0%	0%	-3%	0%	3%	29%	25%	8%	3%
1979	Below Normal	0%	0%	-3%	-17%	-27%	-3%	13%	1%	29%	21%	1%	1%
1980	Above Normal	1%	1%	1%	-4%	0%	3%	-5%	-4%	21%	16%	0%	-4%
1981	Dry	-4%	-4%	-4%	2%	0%	13%	2%	2%	292%	0%	-4%	1%
1982	Wet	1%	1%	1%	1%	1%	0%	0%	0%	22%	20%	1%	1%
1983	Wet	-6%	8%	0%	0%	0%	0%	0%	0%	27%	0%	24%	7%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	26%	21%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-23%	8%	0%	16%	24%	5%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-3%	-3%	-4%	-4%	-4%	-4%
1988	Critical	-4%	-5%	-4%	-3%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	-3%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	1%	0%	0%
1992	Critical	1%	-7%	6%	4%	0%	0%	0%	0%	0%	0%	0%	-1%
1993	Above Normal	-1%	-10%	2%	0%	0%	0%	0%	0%	44%	16%	0%	0%
1994	Critical	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	21%	0%	16%	5%
1996	Wet	0%	0%	0%	-49%	-39%	-20%	-2%	-2%	7%	17%	16%	-2%
1997	Wet	-2%	-2%	-2%	0%	0%	0%	1%	0%	25%	24%	1%	0%
1998	Wet	0%	0%	0%	1%	0%	0%	0%	-4%	21%	-4%	13%	2%
1999	Wet	5%	-6%	2%	0%	0%	-6%	-5%	0%	21%	19%	8%	0%
2000	Above Normal	0%	0%	0%	0%	1%	-1%	0%	0%	22%	8%	1%	0%
2001	Dry	0%	0%	-1%	-8%	-7%	-2%	1%	1%	1%	1%	1%	1%
2002	Dry	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	5%	-3%	6%	3%	1%	0%	0%	0%	0%	0%	0%
	Average	0%	6%	26%	3%	0%	-1%	1%	-1%	30%	6%	-1%	-3%
	Wet	-2%	2%	2%	-3%	-2%	-3%	0%	-1%	21%	15%	5%	1%
	Above Normal	0%	-3%	1%	3%	0%	0%	0%	0%	75%	13%	2%	2%
	Below Normal	2%	3%	8%	0%	-2%	0%	5%	-5%	58%	10%	3%	3%
	Dry	-4%	19%	97%	10%	1%	-1%	0%	0%	17%	3%	1%	1%
	Critical	5%	7%	18%	8%	6%	4%	4%	3%	-9%	-22%	-28%	-29%

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: Alternative3_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.73	0.54	0.48	0.29	0.35	0.46	0.81	1.14	1.41	1.47	1.30	0.91	9.89
1923	Below Normal	0.68	0.46	0.41	0.89	0.86	0.57	0.63	0.98	1.20	1.25	1.07	0.77	9.77
1924	Critical	0.46	0.32	0.29	0.33	0.30	0.23	0.32	0.39	0.74	0.77	0.06	0.52	4.73
1925	Dry	0.39	0.32	0.30	0.12	0.12	0.19	0.55	0.92	1.11	1.16	0.98	0.72	6.88
1926	Dry	0.36	0.27	0.24	0.13	0.12	0.23	0.42	1.05	1.27	1.33	1.12	0.82	7.36
1927	Wet	0.42	0.31	0.28	0.15	0.21	0.40	0.68	0.94	1.16	1.21	1.07	0.75	7.58
1928	Above Normal	0.56	0.38	0.34	0.67	0.62	0.36	0.68	0.94	1.16	1.20	1.06	0.74	8.71
1929	Critical	0.54	0.37	0.33	0.56	0.50	0.30	0.30	0.37	0.71	0.04	0.88	0.48	5.38
1930	Dry	0.31	0.26	0.27	0.11	0.11	0.17	0.47	0.75	0.98	1.03	0.87	0.60	5.93
1931	Critical	0.31	0.24	0.22	0.11	0.11	0.15	0.30	0.38	0.72	0.75	0.06	0.50	3.85
1932	Dry	0.38	0.31	0.29	0.11	0.15	0.21	0.51	0.85	1.03	1.08	0.90	0.66	6.48
1933	Critical	0.33	0.25	0.22	0.11	0.10	0.16	0.35	0.44	0.82	0.86	0.75	0.38	4.77
1934	Critical	0.23	0.20	0.21	0.11	0.10	0.17	0.38	0.50	0.87	0.90	0.07	0.63	4.37
1935	Below Normal	0.47	0.37	0.35	0.11	0.12	0.20	0.68	1.12	1.07	1.48	1.25	0.93	8.15
1936	Below Normal	0.49	0.38	0.34	0.10	0.16	0.39	0.73	1.02	1.26	1.31	1.16	0.81	8.15
1937	Below Normal	0.61	0.41	0.37	0.63	0.58	0.55	0.89	1.21	1.49	1.54	1.37	0.96	10.61
1938	Wet	0.72	0.49	0.44	0.86	1.00	0.69	0.90	1.23	1.52	1.58	1.40	0.98	11.81
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	0.43	0.38	0.27	0.48	0.75	0.99	1.04	0.88	0.60	7.38
1945	Below Normal	0.32	0.24	0.23	0.13	0.13	0.47	0.71	0.98	1.20	1.25	1.11	0.77	7.54
1946	Below Normal	0.58	0.39	0.43	0.82	0.53	0.46	0.66	0.93	1.15	1.19	1.05	0.74	8.93
1947	Dry	0.55	0.37	0.33	0.67	0.59	0.38	0.68	1.04	1.27	1.33	1.14	0.82	9.17
1948	Below Normal	0.50	0.35	0.32	0.32	0.29	0.20	0.34	0.97	1.17	1.23	1.03	0.76	7.48
1949	Dry	0.39	0.29	0.26	0.13	0.13	0.20	0.69	1.03	1.25	1.31	1.13	0.81	7.62
1950	Below Normal	0.51	0.36	0.32	0.18	0.16	0.19	0.59	0.97	1.18	1.23	1.04	0.76	7.49
1951	Above Normal	0.39	0.29	0.26	0.40	0.42	0.48	0.67	0.96	1.19	1.23	1.09	0.76	8.14
1952	Wet	0.57	0.38	0.34	0.80	0.79	0.56	0.74	1.04	1.27	1.32	1.18	0.82	9.81
1953	Wet	0.62	0.42	0.46	0.91	0.84	0.56	0.62	0.91	1.12	1.16	1.01	0.72	9.35
1954	Above Normal	0.48	0.33	0.30	0.49	0.52	0.44	0.66	1.11	1.34	1.40	1.18	0.87	9.12
1955	Dry	0.44	0.33	0.29	0.15	0.17	0.23	0.54	0.89	1.08	1.13	0.95	0.70	6.90
1956	Wet	0.35	0.26	0.23	0.37	0.47	0.54	0.78	1.09	1.35	1.40	1.24	0.87	8.95
1957	Above Normal	0.65	0.43	0.39	0.73	0.67	0.43	0.54	0.90	0.86	1.18	1.00	0.74	8.52
1958	Wet	0.39	0.30	0.27	0.21	0.36	0.52	0.93	1.28	1.58	1.64	1.45	1.01	9.94
1959	Below Normal	0.76	0.51	0.46	0.85	0.81	0.53	0.60	1.01	1.22	1.28	1.07	0.79	9.89
1960	Dry	0.40	0.29	0.26	0.09	0.08	0.18	0.70	1.13	1.37	1.43	1.21	0.89	8.03
1961	Dry	0.47	0.35	0.31	0.14	0.15	0.17	0.59	0.97	1.17	1.23	1.03	0.76	7.34
1962	Below Normal	0.39	0.29	0.26	0.09	0.09	0.25	0.60	1.00	1.21	1.26	1.06	0.78	7.28
1963	Wet	0.40	0.30	0.27	0.31	0.33	0.39	0.65	0.92	1.14	1.18	1.05	0.73	7.67
1964	Dry	0.55	0.36	0.41	0.69	0.42	0.37	0.69	0.94	1.16	1.21	1.07	0.75	8.62
1965	Wet	0.56	0.38	0.34	0.66	0.68	0.46	0.63	0.89	1.10	1.14	1.00	0.71	8.55
1966	Below Normal	0.51	0.34	0.31	0.66	0.67	0.47	0.64	1.06	1.29	1.34	1.13	0.83	9.25
1967	Wet	0.43	0.32	0.29	0.21	0.40	0.45	0.77	1.09	1.35	1.40	1.24	0.87	8.82
1968	Below Normal	0.65	0.44	0.40	0.82	0.84	0.54	0.63	1.00	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	0.92	0.57	0.67	0.95	1.18	1.23	1.08	0.76	10.02
1971	Wet	0.57	0.38	0.34	0.79	0.74	0.47	0.61	1.04	1.27	1.33	1.12	0.82	9.48
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	0.26	0.49	0.45	0.08	0.18	0.35	0.67	0.95	1.17	1.22	1.06	0.75	7.63
1979	Below Normal	0.52	0.36	0.32	0.49	0.47	0.50	0.71	1.00	1.23	1.28	1.13	0.79	8.80
1980	Above Normal	0.59	0.40	0.36	0.72	0.78	0.60	0.76	1.07	1.31	1.36	1.21	0.85	10.01
1981	Dry	0.64	0.44	0.40	0.80	0.79	0.50	0.61	1.03	1.25	1.31	1.10	0.81	9.68
1982	Wet	0.40	0.30	0.27	0.27	0.35	0.53	1.00	1.27	1.57	1.63	1.44	1.01	10.04
1983	Wet	0.75	0.51	0.46	0.98	0.71	0.42	0.81	1.09	1.33	1.38	1.23	0.86	10.53
1984	Wet	0.73	0.54	0.49	1.09	0.80	0.47	0.66	0.96	1.18	1.23	1.09	0.76	10.00
1985	Dry	0.57	0.38	0.42	0.76	0.69	0.53	0.64	0.90	1.12	1.16	1.03	0.72	8.92
1986	Wet	0.54	0.36	0.32	0.58	0.53	0.60	0.84	1.13	1.38	1.43	1.28	0.89	9.88
1987	Dry	0.68	0.47	0.43	0.74	0.66	0.33	0.34	0.42	0.79	0.82	0.72	0.36	6.76
1988	Critical	0.23	0.19	0.21	0.09	0.10	0.12	0.23	0.29	0.54	0.56	0.50	0.25	3.31
1989	Dry	0.15	0.13	0.14	0.09	0.09	0.12	0.68	1.14	1.38	1.44	1.21	0.89	7.46
1990	Critical	0.46	0.34	0.31	0.09	0.09	0.15	0.30	0.38	0.71	0.74	0.65	0.32	4.54
1991	Critical	0.20	0.17	0.18	0.09	0.08	0.12	0.23	0.29	0.55	0.58	0.51	0.25	3.25
1992	Critical	0.15	0.13	0.14	0.09	0.08	0.12	0.23	0.28	0.54	0.46	0.04	0.53	2.79
1993	Above Normal	0.26	0.21	0.20	0.08	0.30	0.35	0.66	0.98	1.20	1.25	1.08	0.77	7.34
1994	Critical	0.49	0.34	0.31	0.42	0.37	0.31	0.56	0.93	1.12	1.17	0.99	0.73	7.74
1995	Wet	0.37	0.27	0.24	0.09	0.28	0.33	0.85	1.17	1.44	1.50	1.33	0.93	8.80
1996	Wet	0.70	0.47	0.43	0.46	0.47	0.44	0.69	0.95	1.17	1.22	1.08	0.75	8.83
1997	Wet	0.56	0.38	0.34	0.80	0.80	0.63	0.79	1.09	1.34	1.40	1.24	0.86	10.23
1998	Wet	0.65	0.43	0.39	0.75	0.85	0.62	0.79	1.13	1.40	1.45	1.28	0.90	10.64
1999	Wet	0.75	0.53	0.49	0.88	0.90	0.59	0.67	0.96	1.19	1.23	1.09	0.76	10.04
2000	Above Normal	0.57	0.38	0.34	0.66	0.66	0.48	0.67	1.09	1.32	1.38	1.17	0.85	9.57
2001	Dry	0.46	0.33	0.30	0.16	0.15	0.18	0.36	0.45	0.84	0.88	0.78	0.39	5.28
2002	Dry	0.24	0.20	0.22	0.16	0.18	0.25	0.68	0.93	1.14	1.19	1.05	0.73	6.97
2003	Above Normal	0.55	0.37	0.34	0.26	0.23	0.26	0.55	0.91	1.11	1.16	0.97	0.72	7.43
	Average	0.50	0.35	0.33	0.44	0.44	0.38	0.62	0.92	1.15	1.20	1.03	0.75	8.13
	Wet	0.56	0.39	0.35	0.62	0.64	0.52	0.76	1.06	1.30	1.35	1.20	0.84	9.58
	Above Normal	0.50	0.37	0.34	0.40	0.44	0.41	0.67	1.01	1.22	1.29	1.12	0.80	8.55
	Below Normal	0.53	0.37	0.34	0.45	0.43	0.41	0.65	1.02	1.23	1.30	1.12	0.81	8.65
	Dry	0.47	0.34	0.32	0.36	0.32	0.28	0.57	0.90	1.14	1.19	1.02	0.71	7.62
	Critical	0.36	0.27	0.25	0.23	0.21	0.19	0.34	0.46	0.71	0.68	0.47	0.52	4.69

Difference in Energy Use (GWh) At Pumping Plant at Las Perillas: Alternative3_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.06	0.05	0.06	0.12	0.18	0.23	0.24	0.22	0.15	0.11
1923	Below Normal	0.11	0.08	0.07	0.10	0.10	0.06	0.00	(0.05)	(0.05)	(0.06)	(0.04)	(0.04)	0.02
1924	Critical	0.02	0.00	0.00	0.14	0.12	0.05	0.05	0.05	0.10	0.11	(0.52)	0.23	0.03
1925	Dry	0.21	0.17	0.14	0.03	0.03	(0.11)	(0.11)	(0.17)	(0.21)	(0.22)	(0.18)	(0.13)	(0.05)
1926	Dry	(0.07)	(0.05)	(0.05)	0.04	0.01	0.02	0.05	0.10	0.13	0.13	0.11	0.08	0.04
1927	Wet	0.04	0.03	0.03	0.00	(0.02)	(0.01)	(0.01)	(0.03)	(0.03)	(0.03)	(0.02)	(0.01)	(0.01)
1928	Above Normal	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.01	0.01	0.02	0.01	0.01	0.01	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.03	0.08	0.07	0.14	(0.56)	0.35	0.22	0.03
1930	Dry	0.15	0.12	0.12	0.03	0.00	0.01	0.02	0.08	0.02	0.03	0.01	0.06	0.05
1931	Critical	0.01	0.01	0.00	0.03	0.02	0.01	(0.01)	(0.01)	(0.02)	(0.02)	(0.62)	0.16	(0.04)
1932	Dry	0.17	0.13	0.10	0.01	0.00	0.01	0.03	0.07	0.04	0.05	0.03	0.04	0.06
1933	Critical	0.01	0.01	0.00	0.02	0.00	(0.02)	(0.01)	(0.09)	(0.07)	(0.07)	(0.06)	(0.06)	(0.03)
1934	Critical	(0.03)	(0.01)	(0.01)	0.02	0.02	0.02	0.04	0.08	0.08	0.08	(0.66)	0.27	(0.01)
1935	Below Normal	0.24	0.18	0.15	0.02	0.00	0.01	0.02	0.03	(0.25)	0.10	0.09	0.07	0.06
1936	Below Normal	0.05	0.05	0.05	0.00	(0.01)	(0.08)	0.02	0.01	0.02	0.02	0.01	0.01	0.01
1937	Below Normal	0.01	0.00	0.00	0.00	(0.08)	0.18	0.04	0.04	0.06	0.05	0.05	0.04	0.03
1938	Wet	0.02	0.02	0.01	(0.09)	0.09	0.15	0.00	(0.08)	(0.08)	(0.08)	(0.08)	0.00	(0.01)
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	(0.12)	(0.11)	(0.04)	0.00	(0.01)	(0.01)	0.00	0.00	(0.01)	(0.03)
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.08)	(0.08)	(0.07)	(0.05)	(0.03)
1953	Wet	(0.05)	(0.05)	(0.04)	(0.06)	(0.07)	(0.02)	0.00	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	(0.03)
1954	Above Normal	0.00	0.00	0.01	0.03	0.04	0.02	0.00	0.01	0.01	0.01	0.01	0.01	0.01
1955	Dry	0.01	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1956	Wet	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.23)	0.04	0.04	0.04	(0.01)
1958	Wet	0.04	0.04	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1959	Below Normal	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.03)	(0.04)	(0.03)	(0.03)	(0.02)	(0.02)
1960	Dry	(0.01)	(0.01)	(0.01)	0.00	0.00	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1966	Below Normal	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00	0.02	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	0.03	(0.02)	0.00	0.00	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	(0.01)	0.00	0.00	0.00	(0.01)	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.03)	(0.05)	(0.05)	(0.04)	(0.03)	(0.02)
1975	Wet	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	0.00	0.01	0.01	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	(0.16)	0.18	0.16	0.00	0.00	(0.01)	0.01	0.03	0.04	0.05	0.02	0.03	0.03
1979	Below Normal	(0.02)	(0.01)	(0.01)	(0.12)	(0.10)	0.00	0.00	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)
1980	Above Normal	(0.01)	(0.01)	(0.01)	(0.02)	0.00	0.16	(0.07)	(0.05)	(0.05)	(0.05)	(0.05)	(0.03)	(0.02)
1981	Dry	(0.03)	(0.03)	(0.03)	(0.06)	(0.05)	0.00	0.02	0.03	0.03	0.04	0.03	0.02	0.00
1982	Wet	0.01	0.01	0.01	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.03)	(0.03)	(0.03)	(0.02)	(0.01)
1988	Critical	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)	0.00	0.03	(0.01)
1993	Above Normal	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1994	Critical	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	(0.37)	(0.31)	(0.13)	(0.02)	(0.03)	(0.04)	(0.04)	(0.03)	(0.03)	(0.08)
1997	Wet	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.15)	(0.17)	(0.18)	(0.16)	(0.11)	(0.06)
1999	Wet	(0.01)	(0.06)	(0.06)	(0.07)	(0.05)	(0.08)	0.00	0.00	0.01	0.00	0.00	0.00	(0.03)
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00
2001	Dry	0.00	(0.01)	0.00	(0.02)	(0.02)	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
2003	Above Normal	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.01	0.01	0.01	(0.01)	(0.00)	0.00	0.00	(0.00)	(0.01)	(0.01)	(0.02)	0.01	(0.00)
	Wet	0.00	(0.00)	(0.00)	(0.03)	(0.01)	(0.01)	(0.00)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)
	Above Normal	(0.01)	0.02	0.01	0.00	0.01	0.02	0.01	0.02	0.00	0.03	0.02	0.02	0.01
	Below Normal	0.03	0.02	0.02	(0.00)	(0.01)	0.01	0.01	0.00	(0.02)	0.01	0.01	0.01	0.01
	Dry	0.02	0.02	0.02	(0.00)	(0.01)	(0.01)	0.00	0.00	(0.00)	0.00	(0.00)	0.00	0.00
	Critical	0.00	0.00	(0.00)	0.02	0.01	0.01	0.01	0.01	0.02	(0.05)	(0.13)	0.06	(0.00)

Percent Difference in Energy Use (GWh) At Pumping Plant at Las Perillas: Alternative3_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	26%	17%	15%	17%	19%	19%	20%	20%	20%
1923	Below Normal	19%	21%	21%	13%	13%	12%	0%	-5%	-4%	-5%	-4%	-5%
1924	Critical	5%	0%	0%	74%	67%	28%	19%	15%	16%	17%	-90%	79%
1925	Dry	117%	113%	88%	33%	33%	-37%	-17%	-16%	-16%	-16%	-16%	-15%
1926	Dry	-16%	-16%	-17%	44%	9%	10%	14%	11%	11%	11%	11%	11%
1927	Wet	11%	11%	12%	0%	-9%	-2%	-1%	-3%	-3%	-2%	-2%	-1%
1928	Above Normal	-2%	-3%	-3%	-1%	-2%	0%	1%	1%	2%	1%	1%	1%
1929	Critical	0%	0%	0%	0%	0%	11%	36%	23%	25%	-93%	66%	85%
1930	Dry	94%	86%	80%	38%	0%	6%	4%	12%	2%	3%	1%	11%
1931	Critical	3%	4%	0%	38%	22%	7%	-3%	-3%	-3%	-3%	-91%	47%
1932	Dry	81%	72%	53%	10%	0%	5%	6%	9%	4%	5%	3%	6%
1933	Critical	3%	4%	0%	22%	0%	-11%	-3%	-17%	-8%	-8%	-7%	-14%
1934	Critical	-12%	-5%	-5%	22%	25%	13%	12%	19%	10%	10%	-90%	75%
1935	Below Normal	104%	95%	75%	22%	0%	5%	3%	3%	-19%	7%	8%	8%
1936	Below Normal	11%	15%	17%	0%	-6%	-17%	3%	1%	2%	2%	1%	1%
1937	Below Normal	2%	0%	0%	0%	-12%	49%	5%	3%	4%	3%	4%	4%
1938	Wet	3%	4%	2%	-9%	10%	28%	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%	-22%	-22%	-13%	0%	-1%	-1%	0%	0%	-2%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	1%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	2%	1%	1%	0%	0%	1%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1948	Below Normal	0%	0%	0%	-3%	-3%	0%	0%	0%	0%	1%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-5%	-6%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	-6%	-6%	-6%	-6%	-6%
1953	Wet	-7%	-11%	-8%	-6%	-8%	-3%	0%	-1%	-1%	-2%	-1%	-1%
1954	Above Normal	0%	0%	3%	7%	8%	5%	0%	1%	1%	1%	1%	1%
1955	Dry	2%	3%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%
1956	Wet	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-21%	4%	4%	6%
1958	Wet	11%	15%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	-1%	-2%	-3%	-3%	-3%	-2%	-3%	-2%
1960	Dry	-2%	-3%	-4%	0%	0%	6%	0%	0%	0%	-1%	0%	0%
1961	Dry	0%	0%	0%	8%	7%	0%	0%	0%	0%	1%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1966	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	1%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	0%	-1%	0%	0%
1968	Below Normal	0%	0%	0%	-1%	0%	-2%	0%	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%	3%	-3%	0%	0%	0%	1%	0%	0%
1971	Wet	2%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	-1%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	-3%	-3%	-4%	-4%	-3%	-3%
1975	Wet	-3%	-5%	-5%	-2%	-3%	-2%	0%	1%	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	-38%	58%	55%	0%	0%	-3%	2%	3%	4%	4%	2%	4%
1979	Below Normal	-4%	-3%	-3%	-20%	-18%	0%	0%	-2%	-2%	-2%	-2%	-2%
1980	Above Normal	-2%	-2%	-3%	-3%	0%	36%	-8%	-4%	-4%	-4%	-4%	-3%
1981	Dry	-4%	-6%	-7%	-7%	-6%	0%	3%	3%	2%	3%	3%	3%
1982	Wet	3%	3%	4%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-3%	-5%	-4%	-4%	-4%	-5%
1988	Critical	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	-6%	0%	0%	0%	0%	0%	0%	0%	0%	-18%	0%	6%
1993	Above Normal	8%	11%	11%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	-45%	-40%	-23%	-3%	-3%	-3%	-3%	-3%	-4%
1997	Wet	-3%	-3%	-3%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	-12%	-11%	-11%	-11%	-11%
1999	Wet	-1%	-10%	-11%	-7%	-5%	-12%	0%	0%	1%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	0%
2001	Dry	0%	-3%	0%	-11%	-12%	0%	0%	0%	0%	1%	1%	0%
2002	Dry	0%	0%	0%	0%	-5%	0%	0%	0%	-1%	0%	0%	-1%
2003	Above Normal	0%	0%	0%	4%	0%	4%	0%	0%	0%	0%	0%	0%
	Average	5%	5%	4%	2%	1%	1%	1%	0%	0%	-1%	-3%	3%
	Wet	1%	0%	0%	-3%	-1%	-1%	0%	-1%	-1%	-1%	-1%	-1%
	Above Normal	-3%	6%	5%	1%	1%	5%	1%	2%	0%	2%	2%	2%
	Below Normal	9%	9%	8%	0%	-2%	3%	1%	0%	-1%	0%	1%	1%
	Dry	15%	14%	11%	5%	0%	-1%	0%	1%	0%	0%	0%	0%
	Critical	-1%	0%	0%	13%	9%	4%	5%	3%	3%	-8%	-18%	22%

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: Alternative3_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	22.71	23.76	19.64	18.08	222.83
1923	Below Normal	15.09	13.91	11.43	15.02	15.79	26.97	25.38	16.85	6.30	28.86	24.47	21.06	221.13
1924	Critical	17.00	15.63	11.52	9.24	8.07	8.01	10.53	10.23	9.80	0.98	0.93	0.76	102.70
1925	Dry	11.76	13.48	14.10	4.74	3.99	7.30	17.29	17.20	16.35	19.50	17.88	14.61	158.20
1926	Dry	10.22	9.33	5.55	5.54	4.71	9.46	13.38	19.31	18.54	22.92	21.00	17.14	157.10
1927	Wet	12.97	15.85	10.52	4.19	4.72	20.18	22.11	20.38	24.81	25.86	22.34	20.68	204.61
1928	Above Normal	17.88	16.34	13.66	14.29	14.79	11.18	22.65	20.80	2.83	25.03	25.01	22.93	207.39
1929	Critical	19.99	18.27	15.15	13.36	11.71	9.30	10.06	9.81	0.80	0.99	0.95	0.76	111.15
1930	Dry	0.31	0.17	1.70	4.45	3.88	6.73	15.08	14.81	3.61	19.85	17.51	14.01	102.11
1931	Critical	9.08	8.01	4.57	4.93	4.24	6.56	10.31	9.96	9.43	11.38	0.95	0.75	80.17
1932	Dry	0.37	10.54	15.17	4.41	3.48	8.39	16.19	16.06	19.00	22.69	16.85	13.58	146.73
1933	Critical	9.28	8.44	4.84	5.03	4.31	6.73	11.28	11.04	10.73	12.93	9.71	7.09	101.41
1934	Critical	3.35	3.16	3.08	4.24	3.66	6.84	12.16	11.90	11.44	13.68	0.94	0.76	75.21
1935	Below Normal	11.37	13.79	13.62	4.36	4.12	7.64	20.38	20.61	6.43	27.19	27.01	22.95	179.47
1936	Below Normal	17.77	16.42	10.98	4.83	4.26	19.61	23.60	21.87	25.49	27.30	22.92	21.20	216.25
1937	Below Normal	18.38	16.83	14.09	14.42	19.07	26.97	17.50	19.80	23.65	24.31	21.16	19.01	235.19
1938	Wet	16.05	14.79	12.22	21.66	22.98	26.97	17.75	17.70	18.65	18.23	21.67	20.64	229.31
1939	Dry	13.74	12.73	11.54	19.19	24.21	26.97	20.62	19.94	24.73	24.71	22.86	21.01	242.25
1940	Above Normal	16.48	15.14	13.74	3.80	3.64	10.12	19.73	20.26	25.05	24.25	22.11	18.04	192.36
1941	Wet	13.33	12.26	7.82	6.12	9.44	26.97	14.14	16.72	20.42	21.10	17.56	15.80	181.68
1942	Wet	12.75	11.78	9.48	20.39	15.74	26.97	24.89	18.57	22.39	23.44	19.32	17.80	223.52
1943	Wet	14.89	13.65	11.18	14.89	17.93	26.97	23.60	20.83	24.61	25.30	22.37	20.10	236.32
1944	Dry	17.18	15.81	13.17	12.44	11.13	9.42	15.11	14.98	14.13	16.89	14.89	11.91	167.06
1945	Below Normal	7.22	6.32	3.31	5.26	4.54	23.44	18.76	20.79	24.93	25.63	21.74	20.11	182.05
1946	Below Normal	17.28	15.80	22.40	13.64	17.71	22.18	21.27	19.65	24.22	20.83	20.47	18.92	234.37
1947	Dry	16.05	14.69	12.14	14.92	13.42	12.24	21.82	20.94	20.24	22.94	21.92	18.98	210.30
1948	Below Normal	15.11	13.85	10.14	8.73	7.80	7.23	11.12	17.96	0.83	25.23	23.14	18.90	160.04
1949	Dry	14.12	12.97	8.32	5.71	4.77	8.16	21.91	20.78	20.18	22.64	21.77	19.04	180.37
1950	Below Normal	15.33	14.04	10.50	5.48	4.84	7.02	18.23	18.17	0.81	24.64	22.58	18.44	160.08
1951	Above Normal	13.70	12.59	12.92	26.97	19.22	26.97	17.19	20.15	24.50	24.59	21.00	19.42	239.22
1952	Wet	16.56	15.16	12.57	20.15	20.80	19.04	17.00	15.42	19.01	19.96	15.80	14.45	205.92
1953	Wet	11.40	10.49	17.54	15.17	18.97	26.97	21.63	18.23	23.05	19.54	18.95	16.95	218.89
1954	Above Normal	13.61	12.44	9.54	12.25	11.99	17.06	19.96	20.07	19.20	23.00	21.44	17.53	198.09
1955	Dry	12.85	11.82	7.44	4.33	4.32	9.38	16.94	16.90	15.98	19.08	17.57	14.35	150.96
1956	Wet	9.98	9.10	5.40	17.51	25.23	26.97	19.71	21.77	25.29	27.29	22.81	21.10	232.16
1957	Above Normal	18.23	16.75	14.01	16.91	15.49	14.71	16.92	16.78	6.43	23.89	21.75	17.78	199.65
1958	Wet	13.08	12.01	7.60	1.84	11.55	23.95	18.99	21.20	24.64	25.51	23.42	20.45	204.24
1959	Below Normal	17.51	16.16	13.48	18.90	18.05	25.36	18.71	18.61	9.25	24.29	22.23	18.14	220.69
1960	Dry	13.46	12.34	7.85	4.37	3.95	7.14	21.22	21.16	20.52	25.61	23.67	21.39	182.68
1961	Dry	16.65	15.31	10.41	5.53	5.25	6.96	18.15	18.06	17.32	20.61	18.90	16.41	169.56
1962	Below Normal	4.53	20.74	8.66	3.75	3.35	9.51	18.34	18.42	6.38	25.21	22.98	18.78	160.65
1963	Wet	13.98	12.87	8.27	9.33	11.79	19.15	20.87	19.40	24.08	23.35	20.18	18.66	201.93
1964	Dry	15.80	14.44	21.12	10.26	12.85	14.10	22.37	20.24	19.72	20.96	21.14	19.54	212.54
1965	Wet	16.73	15.28	12.70	18.35	20.39	19.10	20.58	18.78	23.63	22.87	19.70	17.96	226.07
1966	Below Normal	14.94	13.63	10.92	18.44	20.43	18.83	19.05	18.96	18.15	21.76	20.16	16.64	211.91
1967	Wet	12.22	11.22	7.17	3.46	12.34	19.55	22.01	20.17	24.00	25.19	21.09	19.44	197.86
1968	Below Normal	16.53	15.18	12.56	23.24	17.09	26.97	22.78	18.52	22.90	21.17	19.32	16.40	232.66
1969	Wet	12.37	11.33	7.73	11.67	20.86	26.97	15.74	18.16	21.92	18.71	22.17	18.23	205.86
1970	Wet	16.99	10.35	10.73	23.57	18.93	26.97	18.42	20.21	23.84	24.75	21.72	19.46	235.94
1971	Wet	16.61	15.20	12.62	17.91	23.85	20.17	18.33	18.63	17.82	21.48	19.70	16.09	218.41
1972	Below Normal	11.52	10.59	6.48	2.20	9.43	17.45	19.79	19.50	18.76	21.93	20.43	17.07	175.15
1973	Above Normal	12.77	11.73	7.76	4.20	14.17	25.21	18.04	20.85	24.93	25.66	21.74	20.10	207.16
1974	Wet	17.27	15.80	13.17	17.84	17.79	26.97	23.78	19.89	24.23	24.39	20.73	19.14	241.00
1975	Wet	16.23	14.89	12.31	17.03	16.90	25.09	22.74	20.69	24.91	25.35	21.58	19.98	237.70
1976	Critical	17.13	15.66	13.04	14.72	13.71	12.07	18.78	18.88	13.96	24.04	22.00	19.87	203.86
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	22.83	23.61	20.64	17.79	148.36
1979	Below Normal	14.55	13.27	10.36	12.21	11.19	21.94	21.79	19.79	24.27	24.07	20.58	19.02	213.04
1980	Above Normal	16.14	14.76	12.24	14.24	20.81	26.97	15.02	17.47	21.22	21.45	18.94	16.62	215.88
1981	Dry	13.61	12.54	10.17	16.81	15.80	20.74	18.85	19.23	15.86	25.19	22.91	19.59	211.30
1982	Wet	14.75	13.55	8.79	8.62	11.16	26.97	19.39	18.85	24.69	24.83	21.28	19.57	212.45
1983	Wet	16.59	20.92	26.97	14.60	24.36	26.97	13.28	13.21	21.53	15.74	14.06	14.56	222.79
1984	Wet	13.24	12.50	26.97	16.96	25.23	26.97	17.41	20.46	24.66	25.06	21.35	19.76	250.57
1985	Dry	16.88	15.47	22.09	12.36	15.87	22.74	21.04	19.43	18.93	20.07	20.21	18.69	223.78
1986	Wet	15.84	14.47	11.93	13.39	12.08	24.07	21.22	20.23	22.88	25.54	22.08	19.45	223.18
1987	Dry	16.49	15.22	12.60	13.91	15.40	10.68	11.09	10.80	10.43	12.38	9.38	6.87	145.25
1988	Critical	1.40	0.51	0.10	2.45	3.72	5.66	8.52	7.96	7.28	8.78	6.66	4.91	57.95
1989	Dry	0.34	0.26	0.10	0.79	3.47	5.73	20.54	20.91	20.12	25.47	23.35	19.93	141.01
1990	Critical	15.06	13.86	8.98	4.51	4.25	6.52	10.27	9.87	9.41	11.28	8.50	6.24	108.75
1991	Critical	1.01	0.28	0.08	2.05	3.25	5.51	8.59	8.10	7.59	10.27	7.71	5.65	60.09
1992	Critical	0.68	0.26	0.11	1.78	3.24	5.61	8.55	8.01	7.30	0.97	0.94	9.27	46.72
1993	Above Normal	5.04	0.32	6.12	3.54	9.90	17.05	20.35	19.26	24.10	25.16	21.28	18.65	170.77
1994	Critical	15.03	13.74	10.31	10.90	9.45	11.21	17.38	17.27	16.41	20.34	8.30	18.97	169.31
1995	Wet	6.33	21.47	17.90	3.71	8.29	14.36	23.27	21.19	25.08	22.05	25.60	21.51	210.76
1996	Wet	17.66	16.24	13.57	11.76	15.55	20.71	22.38	20.24	21.41	24.40	24.62	19.52	228.06
1997	Wet	16.67	15.25	12.68	21.14	22.83	26.97	19.09	18.85	22.60	23.56	19.64	18.02	237.30
1998	Wet	15.05	13.85	11.35	16.82	16.13	26.97	19.95	18.11	21.88	18.71	22.21	18.30	219.33
1999	Wet	17.14	16.02	14.40	14.81	24.36	26.97	19.36	20.22	23.39	24.38	22.70	19.57	243.32
2000	Above Normal	16.71	15.31	12.69	15.38	15.55	16.24	20.41	20.32	23.63	24.67	21.46	17.84	220.21
2001	Dry	13.41	12.34	8.17	5.78	5.21	7.06	11.49	11.33	10.99	13.26	10.00	7.30	116.34
2002	Dry	1.62	0.73	0.08	0.07	3.66	9.69	22.94	20.77	20.22	21.58	21.79	20.15	143.30
2003	Above Normal	17.33	15.84	18.53	2.31	4.86	10.02	17.44	17.37	0.73	23.56	21.63	17.66	167.28
	Average	13.15	12.60	10.75	10.50	11.96	16.99	18.10	17.64	17.54	20.98	18.57	16.42	185.19
	Wet	14.49	14.09	12.45	13.96	17.32	24.23	19.91	19.16	22.90	22.95	20.95	18.74	221.12
	Above Normal	14.60	12.86	11.36	10.39	11.98	17.42	19.06	19.27	18.18	24.05	21.39	18.54	199.10
	Below Normal	14.08	14.32	11.35	10.75	11.26	18.65	19.76	19.25	15.17	24.46	22.09	19.05	200.19
	Dry	11.38	11.12	10.10	8.09	8.63	11.27	18.11	17.94	17.05	20.91	19.09	16.36	170.05
	Critical	10.34	9.30	6.73	6.47	6.13	7.48	11.23	10.43	8.76	9.72	5.71	6.32	98.62

Difference in Energy Use (GWh) At Pumping Plant at Oso: Alternative3_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	4.44	4.34	0.07	0.01	0.96
1923	Below Normal	(0.08)	0.03	0.00	(7.03)	(8.51)	1.29	6.71	(1.77)	(11.47)	8.00	4.99	4.74	(0.26)
1924	Critical	4.90	4.53	4.20	2.79	2.20	0.89	1.03	1.15	1.28	(9.18)	(6.77)	(4.90)	0.18
1925	Dry	11.11	13.21	14.01	3.15	0.67	(10.00)	1.60	(2.80)	(2.87)	(3.43)	(3.14)	(2.57)	1.58
1926	Dry	(2.31)	(2.19)	(1.68)	0.99	0.15	0.54	1.54	1.85	1.89	3.10	2.84	2.31	0.75
1927	Wet	2.54	6.34	4.83	0.99	(0.81)	(0.19)	(0.45)	(0.43)	4.51	4.28	0.59	0.56	1.90
1928	Above Normal	0.59	0.52	0.48	(0.32)	(0.27)	(0.11)	(0.08)	0.05	(17.35)	3.50	3.37	2.98	(0.55)
1929	Critical	2.93	2.68	2.28	0.42	0.15	0.69	1.79	1.40	(6.95)	(8.31)	(6.13)	(4.43)	(1.12)
1930	Dry	(0.15)	(0.09)	1.59	3.24	0.13	0.17	0.86	0.86	(9.74)	4.00	4.05	3.46	0.70
1931	Critical	3.50	3.32	2.53	1.05	0.41	0.39	(0.24)	(0.27)	(0.29)	(0.35)	(7.87)	(5.69)	(0.29)
1932	Dry	(0.78)	10.11	15.06	1.70	(0.22)	0.44	0.81	0.84	4.62	5.57	1.43	1.09	3.39
1933	Critical	1.26	1.27	0.95	0.85	0.22	(0.36)	(0.35)	(1.16)	(1.05)	(1.18)	(1.34)	(1.19)	(0.17)
1934	Critical	0.49	1.24	2.98	0.63	0.30	0.38	1.04	1.09	1.05	1.21	0.00	0.00	0.87
1935	Below Normal	3.97	5.53	8.59	0.72	0.15	0.21	0.53	0.53	(12.91)	2.32	4.18	4.31	1.51
1936	Below Normal	3.91	3.67	2.81	0.01	(0.08)	(7.36)	4.81	0.26	4.38	4.84	0.29	0.27	1.48
1937	Below Normal	0.27	0.25	0.23	0.06	(1.17)	0.00	(0.32)	(0.28)	4.12	3.50	0.19	(0.30)	0.55
1938	Wet	(0.32)	(0.28)	(0.26)	3.94	2.03	0.73	2.07	(0.40)	1.11	(0.43)	2.88	3.41	1.21
1939	Dry	(0.43)	(0.40)	(0.36)	0.25	(0.15)	0.00	(1.92)	0.41	10.44	0.13	0.04	0.10	0.68
1940	Above Normal	0.17	0.15	(2.36)	(0.42)	(0.36)	(0.15)	0.00	(0.01)	5.53	0.17	0.00	0.00	0.23
1941	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.39	3.96	0.31	0.00	0.72
1942	Wet	0.00	0.00	0.00	(3.55)	(0.12)	0.00	0.06	(0.02)	4.37	4.24	(0.02)	(0.02)	0.41
1943	Wet	(0.02)	(0.02)	(0.02)	(0.45)	(1.22)	0.00	0.58	0.05	4.42	3.77	0.65	0.05	0.65
1944	Dry	0.06	0.05	0.05	(0.87)	(0.79)	(0.23)	(0.10)	(0.11)	(0.09)	(0.11)	(0.15)	(0.15)	(0.20)
1945	Below Normal	(0.18)	(0.19)	(0.14)	(0.05)	(0.02)	(0.25)	0.03	0.03	4.66	4.07	0.03	0.03	0.67
1946	Below Normal	0.03	0.03	0.02	0.00	0.00	0.07	0.08	0.08	5.24	0.63	0.09	0.09	0.53
1947	Dry	0.09	0.08	0.08	0.10	0.00	(0.08)	(0.04)	0.00	0.00	0.06	0.01	(0.03)	0.02
1948	Below Normal	(0.08)	(0.06)	(0.11)	(0.18)	(0.16)	(0.06)	0.01	0.05	0.00	(0.01)	0.00	(0.01)	(0.05)
1949	Dry	(0.01)	(0.01)	0.00	(0.01)	0.01	(0.02)	(0.01)	0.00	0.00	0.02	0.01	(0.01)	0.00
1950	Below Normal	(0.02)	(0.02)	(0.03)	(0.12)	(0.11)	(0.04)	0.00	(0.01)	0.00	(0.01)	(0.01)	0.00	(0.03)
1951	Above Normal	0.00	0.00	(0.46)	5.67	(5.14)	0.00	0.00	0.00	4.89	3.78	0.00	0.00	0.73
1952	Wet	0.00	0.00	0.00	0.41	0.00	(0.01)	0.00	(0.24)	4.14	3.98	(0.29)	(0.22)	0.65
1953	Wet	(0.15)	(0.22)	(0.18)	(1.88)	3.51	0.00	(4.48)	(0.24)	5.54	0.00	(0.03)	0.12	0.17
1954	Above Normal	0.24	0.22	0.34	0.57	0.69	0.81	0.11	0.13	0.13	0.00	0.04	0.04	0.28
1955	Dry	0.03	0.03	0.02	0.09	0.00	(0.03)	(0.12)	(0.12)	(0.13)	(0.16)	(0.14)	(0.11)	(0.05)
1956	Wet	(0.11)	(0.10)	(0.07)	(0.16)	0.00	0.00	0.01	0.02	4.01	4.69	0.02	0.02	0.69
1957	Above Normal	0.02	0.01	0.01	1.07	(0.01)	(0.01)	0.01	0.01	5.54	0.17	0.00	0.00	0.57
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.97	3.50	1.19	0.00	0.72
1959	Below Normal	0.00	0.00	0.00	0.07	0.08	(1.01)	(0.39)	(0.43)	(7.70)	0.22	0.20	0.15	(0.73)
1960	Dry	0.16	0.13	0.10	(0.02)	(0.02)	0.03	0.05	0.00	0.01	(0.06)	(0.01)	(0.19)	0.01
1961	Dry	(0.14)	(0.13)	(0.04)	0.20	0.17	0.06	0.04	0.03	0.04	0.05	0.04	(0.02)	0.02
1962	Below Normal	(0.02)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	5.54	0.16	0.00	0.00	0.47
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.29	3.38	0.00	0.00	0.72
1964	Dry	0.00	0.00	0.00	(0.01)	(0.03)	0.09	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1965	Wet	(0.01)	(0.01)	(0.01)	0.05	0.01	(0.22)	0.01	0.03	5.56	3.25	0.10	0.08	0.74
1966	Below Normal	0.06	0.06	0.03	(0.10)	(0.10)	(0.06)	0.00	0.00	0.00	0.01	0.01	0.00	(0.01)
1967	Wet	0.01	0.00	0.00	(0.04)	(0.01)	0.00	0.01	(0.01)	4.39	4.27	(0.01)	0.00	0.72
1968	Below Normal	0.00	0.00	(2.12)	1.88	0.04	0.00	0.84	0.07	5.13	0.93	0.10	(0.14)	0.56
1969	Wet	(0.32)	(0.29)	(0.46)	(7.09)	(2.76)	0.00	(0.16)	(0.15)	4.24	(0.16)	3.15	0.80	(0.27)
1970	Wet	(0.16)	(0.15)	(0.13)	6.66	(0.41)	0.00	(1.04)	0.06	4.22	3.90	0.73	0.06	1.15
1971	Wet	0.06	0.06	0.06	(4.20)	6.77	(0.32)	(0.05)	(0.06)	(0.06)	0.04	0.03	0.03	0.20
1972	Below Normal	0.03	0.02	0.01	0.05	0.06	0.01	(0.01)	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	0.01
1973	Above Normal	(0.01)	0.00	0.00	0.02	0.02	0.01	0.00	0.00	4.57	4.11	0.01	0.00	0.73
1974	Wet	0.00	0.01	0.00	(4.07)	(6.57)	0.00	1.49	(0.06)	4.78	3.76	(0.07)	(0.05)	(0.06)
1975	Wet	(0.04)	(0.05)	(0.04)	0.16	0.72	(0.96)	0.21	0.20	4.91	4.17	0.21	0.20	0.81
1976	Critical	0.21	0.19	0.18	0.15	0.05	(0.03)	(0.10)	(0.10)	(0.17)	(0.14)	(0.12)	(0.13)	0.00
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	4.64	4.30	1.18	(0.17)	0.80
1979	Below Normal	(0.57)	(0.50)	(0.94)	(2.15)	(8.95)	(5.03)	4.49	0.24	5.25	3.91	0.26	0.25	(0.31)
1980	Above Normal	0.27	0.24	0.21	(1.41)	(2.55)	0.00	(0.50)	(0.46)	3.92	2.94	0.29	(0.46)	0.21
1981	Dry	(0.42)	(0.44)	(0.39)	(0.53)	(1.20)	2.96	0.36	0.42	13.22	(0.07)	(0.21)	0.09	1.15
1982	Wet	0.07	0.07	0.06	0.01	0.03	0.00	0.01	0.00	4.97	3.84	0.14	0.14	0.78
1983	Wet	(2.66)	2.93	0.00	0.00	0.00	0.00	0.00	0.00	4.40	0.00	3.31	0.95	0.74
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	4.79	3.88	0.00	0.00	0.72
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(2.90)	2.89	0.00	3.15	4.60	0.92	0.01	0.72
1987	Dry	0.00	0.00	0.00	(2.55)	0.00	0.00	(0.30)	(0.34)	(0.37)	(0.45)	(0.33)	(0.24)	(0.38)
1988	Critical	(0.14)	(0.12)	0.00	(0.09)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1989	Dry	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.02)	(0.02)	(0.02)	0.00	0.00	0.22	0.01
1990	Critical	0.20	0.18	0.14	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.05
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.03	0.06	0.04	0.02	0.01
1992	Critical	0.01	0.00	0.00	0.21	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.02
1993	Above Normal	0.10	0.00	0.27	0.00	(0.01)	(0.07)	0.00	0.01	5.54	3.22	0.07	0.04	0.76
1994	Critical	0.03	0.03	0.01	(0.06)	(0.05)	(0.02)	0.00	0.00	0.00	0.00	(0.11)	0.01	(0.01)
1995	Wet	0.43	(0.12)	(0.01)	0.00	0.00	0.00	0.00	0.00	4.40	0.05	3.37	1.00	0.76
1996	Wet	0.05	0.05	0.04	(7.24)	(5.05)	(3.01)	(0.32)	(0.30)	1.39	3.12	3.16	(0.31)	(0.70)
1997	Wet	(0.31)	(0.30)	(0.27)	1.64	0.02	0.00	0.33	0.05	4.44	4.24	0.14	0.05	0.84
1998	Wet	0.05	0.05	0.04	0.08	(7.41)	1.34	(0.01)	(0.26)	4.12	(0.31)	3.01	0.72	0.12
1999	Wet	0.52	(0.92)	(0.20)	(1.88)	0.84	0.00	(2.34)	0.04	3.79	3.45	1.56	0.04	0.41
2000	Above Normal	0.04	0.04	0.04	0.04	0.07	(0.26)	(0.07)	0.02	4.12	1.71	0.03	(0.07)	0.48
2001	Dry	(0.14)	(0.12)	(0.19)	(0.38)	(0.34)	(0.08)	0.06	0.08	0.08	0.10	0.07	0.05	(0.07)
2002	Dry	0.03	0.03	0.00	0.00	0.04	(0.01)	(0.07)	(0.06)	(0.06)	(0.06)	(0.07)	(0.07)	(0.03)
2003	Above Normal	(0.06)	(0.06)	(0.13)	0.18	0.17	0.06	0.00	0.00	0.00	0.00	(0.01)	0.00	0.01
	Average	0.35	0.62	0.63	(0.05)	(0.43)	(0.27)	0.25	0.00	1.76	1.48	0.28	0.09	0.39
	Wet	(0.01)	0.27	0.13	(0.64)	(0.40)	(0.21)	(0.04)	(0.07)	4.05	2.83	0.96	0.29	0.60
	Above Normal	0.11	0.09	(0.13)	0.69	(0.62)	(0.03)	(0.06)	0.01	2.16	2.35	0.42	0.20	0.43
	Below Normal	0.52	0.63	0.60	(0.49)	(1.34)	(0.87)	1.20	(0.09)	0.16	2.04	0.74	0.67	0.31
	Dry	0.39	1.13	1.57	0.30	(0.09)	(0.34)	0.15	0.06	0.95	0.48	0.25	0.22	0.42
	Critical	1.11	1.10	1.10	0.50	0.27	0.16	0.26	0.18	(0.51)	(1.49)	(1.86)	(1.36)	(0.04)

Percent Difference in Energy Use (GWh) At Pumping Plant at Oso: Alternative3_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%	24%	22%	0%	0%
1923	Below Normal	-1%	0%	0%	-32%	-35%	5%	36%	-10%	-65%	38%	26%	29%
1924	Critical	40%	41%	57%	43%	37%	13%	11%	13%	15%	-90%	-88%	-87%
1925	Dry	>1,000%	>1,000%	>1,000%	198%	20%	-58%	10%	-14%	-15%	-15%	-15%	-15%
1926	Dry	-18%	-19%	-23%	22%	3%	6%	13%	11%	11%	16%	16%	16%
1927	Wet	24%	67%	85%	31%	-15%	-1%	-2%	-2%	22%	20%	3%	3%
1928	Above Normal	3%	3%	4%	-2%	-2%	-1%	0%	0%	-86%	16%	16%	15%
1929	Critical	17%	17%	18%	3%	1%	8%	22%	17%	-90%	-89%	-87%	-85%
1930	Dry	-33%	-35%	>1,000%	268%	3%	3%	6%	6%	-73%	25%	30%	33%
1931	Critical	63%	71%	124%	27%	11%	6%	-2%	-3%	-3%	-3%	-89%	-88%
1932	Dry	-68%	>1,000%	>1,000%	63%	-6%	6%	5%	6%	32%	33%	9%	9%
1933	Critical	16%	18%	24%	20%	5%	-5%	-3%	-10%	-9%	-8%	-12%	-14%
1934	Critical	17%	65%	>1,000%	17%	9%	6%	9%	10%	10%	10%	0%	0%
1935	Below Normal	54%	67%	171%	20%	4%	3%	3%	3%	-67%	9%	18%	23%
1936	Below Normal	28%	29%	34%	0%	-2%	-27%	26%	1%	21%	22%	1%	1%
1937	Below Normal	1%	2%	2%	0%	-6%	0%	-2%	-1%	21%	17%	1%	-2%
1938	Wet	-2%	-2%	-2%	22%	10%	3%	13%	-2%	6%	-2%	15%	20%
1939	Dry	-3%	-3%	-3%	1%	-1%	0%	-9%	2%	73%	1%	0%	0%
1940	Above Normal	1%	1%	-15%	-10%	-9%	-1%	0%	0%	28%	1%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	27%	23%	2%	0%
1942	Wet	0%	0%	0%	-15%	-1%	0%	0%	0%	24%	22%	0%	0%
1943	Wet	0%	0%	0%	-3%	-6%	0%	3%	0%	22%	18%	3%	0%
1944	Dry	0%	0%	0%	-7%	-7%	-2%	-1%	-1%	-1%	-1%	-1%	-1%
1945	Below Normal	-2%	-3%	-4%	-1%	0%	-1%	0%	0%	23%	19%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	28%	3%	0%	0%
1947	Dry	1%	1%	1%	1%	0%	-1%	0%	0%	0%	0%	0%	0%
1948	Below Normal	-1%	0%	-1%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-3%	27%	-21%	0%	0%	0%	25%	18%	0%	0%
1952	Wet	0%	0%	0%	2%	0%	0%	0%	-2%	28%	25%	-2%	-1%
1953	Wet	-1%	-2%	-1%	-11%	23%	0%	-17%	-1%	32%	0%	0%	1%
1954	Above Normal	2%	2%	4%	5%	6%	5%	1%	1%	1%	0%	0%	0%
1955	Dry	0%	0%	0%	2%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-1%	-1%	0%	0%	0%	0%	19%	21%	0%	0%
1957	Above Normal	0%	0%	0%	7%	0%	0%	0%	0%	622%	1%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	19%	16%	5%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-4%	-2%	-2%	-45%	1%	1%	1%
1960	Dry	1%	1%	1%	0%	-1%	0%	0%	0%	0%	0%	0%	-1%
1961	Dry	-1%	-1%	0%	4%	3%	1%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	660%	1%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	28%	17%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	31%	17%	1%	0%
1966	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	22%	20%	0%	0%
1968	Below Normal	0%	0%	-14%	9%	0%	0%	4%	0%	29%	5%	1%	-1%
1969	Wet	-3%	-2%	-6%	-38%	-12%	0%	-1%	-1%	24%	-1%	17%	5%
1970	Wet	-1%	-1%	-1%	39%	-2%	0%	-5%	0%	22%	19%	3%	0%
1971	Wet	0%	0%	0%	-19%	40%	-2%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	2%	1%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	22%	19%	0%	0%
1974	Wet	0%	0%	0%	-19%	-27%	0%	7%	0%	25%	18%	0%	0%
1975	Wet	0%	0%	0%	1%	4%	-4%	1%	1%	25%	20%	1%	1%
1976	Critical	1%	1%	1%	1%	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%	26%	22%	6%	-1%
1979	Below Normal	-4%	-4%	-8%	-15%	-44%	-19%	26%	1%	28%	19%	1%	1%
1980	Above Normal	2%	2%	2%	-9%	-11%	0%	-3%	-3%	23%	16%	2%	-3%
1981	Dry	-3%	-3%	-4%	-3%	-7%	17%	2%	2%	501%	0%	-1%	0%
1982	Wet	0%	1%	1%	0%	0%	0%	0%	0%	25%	18%	1%	1%
1983	Wet	-14%	16%	0%	0%	0%	0%	0%	0%	26%	0%	31%	7%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	24%	18%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-11%	16%	0%	16%	22%	4%	0%
1987	Dry	0%	0%	0%	-15%	0%	0%	-3%	-3%	-3%	-4%	-3%	-3%
1988	Critical	-9%	-19%	0%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	1%
1990	Critical	1%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%
1992	Critical	1%	0%	0%	13%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	2%	0%	5%	0%	0%	0%	0%	0%	30%	15%	0%	0%
1994	Critical	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	-1%	0%
1995	Wet	7%	-1%	0%	0%	0%	0%	0%	0%	21%	0%	15%	5%
1996	Wet	0%	0%	0%	-38%	-25%	-13%	-1%	-1%	7%	15%	15%	-2%
1997	Wet	-2%	-2%	-2%	8%	0%	0%	2%	0%	24%	22%	1%	0%
1998	Wet	0%	0%	0%	0%	-31%	5%	0%	-1%	23%	-2%	16%	4%
1999	Wet	3%	-5%	-1%	-11%	4%	0%	-11%	0%	19%	16%	7%	0%
2000	Above Normal	0%	0%	0%	0%	0%	-2%	0%	0%	21%	7%	0%	0%
2001	Dry	-1%	-1%	-2%	-6%	-6%	-1%	1%	1%	1%	1%	1%	1%
2002	Dry	2%	4%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	-1%	8%	4%	1%	0%	0%	0%	0%	0%	0%
	Average	2%	4%	6%	8%	-1%	-1%	2%	0%	29%	6%	0%	-2%
	Wet	0%	3%	3%	-2%	-1%	-1%	0%	0%	22%	14%	5%	2%
	Above Normal	1%	1%	0%	7%	-3%	0%	0%	0%	61%	11%	2%	1%
	Below Normal	5%	7%	13%	-1%	-6%	-3%	6%	0%	45%	10%	4%	4%
	Dry	-7%	-3%	-2%	29%	0%	-2%	1%	0%	29%	3%	2%	2%
	Critical	12%	16%	19%	10%	5%	2%	3%	2%	-6%	-15%	-23%	-23%

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: Alternative3_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	70.74	67.36	60.00	54.14	682.44
1923	Below Normal	52.51	47.62	42.28	87.02	82.18	90.99	62.73	3.84	19.43	78.56	76.28	71.20	714.64
1924	Critical	61.46	56.31	49.40	40.49	42.24	27.34	35.09	47.14	21.75	2.08	1.94	1.50	386.74
1925	Dry	20.25	52.96	84.64	11.63	16.93	20.55	41.55	52.65	53.30	51.29	57.05	54.04	516.84
1926	Dry	42.40	38.89	33.74	16.40	21.18	26.19	38.82	59.91	41.61	60.14	67.07	57.74	504.09
1927	Wet	5.72	63.00	52.60	18.16	28.36	47.06	54.12	55.39	41.66	69.47	62.69	57.10	555.33
1928	Above Normal	55.71	50.60	45.84	69.47	68.77	40.72	55.15	56.91	4.31	64.74	70.10	64.32	646.64
1929	Critical	61.30	56.06	50.76	65.07	64.05	35.22	33.15	44.81	1.57	2.08	2.00	1.50	417.57
1930	Dry	0.41	0.17	84.64	10.92	16.20	18.75	38.88	49.84	3.42	56.62	60.61	57.97	398.43
1931	Critical	43.00	38.36	33.16	14.22	18.61	18.26	34.01	45.54	46.65	14.03	2.01	1.45	309.30
1932	Dry	0.35	6.54	84.64	10.90	18.78	22.48	38.43	48.69	61.71	62.42	53.68	50.15	458.77
1933	Critical	39.26	35.89	31.17	15.02	19.11	19.35	38.61	52.00	53.52	46.49	45.70	2.87	398.99
1934	Critical	22.86	22.98	42.57	11.26	15.73	19.04	39.93	53.32	54.59	8.59	1.98	1.51	294.36
1935	Below Normal	8.94	62.87	84.64	11.87	18.24	21.81	50.34	41.07	19.84	61.56	87.32	83.71	552.21
1936	Below Normal	65.11	59.95	51.71	16.97	25.33	45.84	58.33	59.97	76.08	73.83	64.69	58.76	656.57
1937	Below Normal	57.35	52.19	47.19	75.85	73.39	83.35	54.29	56.27	73.18	68.15	63.30	55.50	760.01
1938	Wet	53.77	48.94	43.78	70.72	64.11	83.80	50.01	52.10	59.64	52.00	69.76	65.27	713.90
1939	Dry	51.08	46.27	40.65	74.37	59.08	88.20	50.63	60.51	21.00	66.01	32.34	76.34	666.48
1940	Above Normal	61.93	4.91	81.04	6.43	11.05	26.69	48.54	63.14	61.42	63.87	70.64	66.99	566.65
1941	Wet	52.85	48.49	41.87	27.11	32.86	73.28	45.86	48.62	65.09	61.41	55.80	49.05	602.29
1942	Wet	47.37	42.94	37.86	73.51	82.18	90.42	61.29	51.69	68.46	65.12	57.10	51.63	729.57
1943	Wet	50.28	45.56	40.74	72.11	81.41	64.51	59.78	58.64	75.32	70.02	66.21	58.20	742.78
1944	Dry	56.62	51.45	46.04	54.77	52.80	32.45	39.43	50.98	51.58	48.69	52.93	50.48	588.22
1945	Below Normal	37.87	33.67	29.32	15.16	19.96	79.68	55.19	56.76	74.55	69.10	61.22	55.63	588.11
1946	Below Normal	54.22	49.29	47.95	80.98	52.15	50.62	52.22	53.79	73.00	54.80	58.71	53.34	681.07
1947	Dry	51.96	47.20	42.48	72.14	74.06	41.58	53.34	61.28	62.79	59.74	65.77	61.47	693.81
1948	Below Normal	53.17	48.68	42.93	41.34	41.00	24.09	37.91	35.52	1.66	66.49	73.21	69.67	535.67
1949	Dry	54.46	50.05	43.29	16.65	21.19	22.53	53.53	60.14	62.04	58.83	64.59	60.16	567.46
1950	Below Normal	52.92	48.44	42.90	14.97	17.60	19.31	44.31	56.07	1.60	64.99	71.43	67.83	502.37
1951	Above Normal	53.00	48.70	42.23	76.45	82.18	86.37	51.24	55.35	73.81	66.81	60.33	54.86	751.33
1952	Wet	53.50	48.57	43.69	77.45	76.82	51.44	43.60	44.91	61.02	58.78	50.95	45.58	656.31
1953	Wet	43.97	39.67	65.30	87.40	74.98	79.72	52.84	51.58	71.24	51.31	56.68	52.21	726.90
1954	Above Normal	48.06	43.67	38.79	56.74	58.37	48.27	49.29	62.51	62.82	53.59	68.99	65.42	656.52
1955	Dry	51.75	47.43	40.99	19.24	25.19	25.78	40.48	51.49	51.94	50.13	55.93	52.99	513.34
1956	Wet	41.60	37.99	32.95	59.07	70.68	88.50	58.55	60.62	76.41	74.92	66.25	60.21	727.75
1957	Above Normal	58.76	53.42	47.90	83.76	82.18	48.17	40.50	26.06	19.85	62.68	67.86	64.64	655.78
1958	Wet	50.15	46.02	39.87	19.17	36.79	79.78	58.72	60.86	76.47	71.63	71.20	60.64	671.30
1959	Below Normal	59.06	53.59	47.67	75.51	74.68	76.89	45.51	57.40	3.94	64.41	71.09	67.63	697.38
1960	Dry	52.95	48.49	41.74	15.45	17.55	20.59	52.53	65.31	30.72	67.29	42.27	76.16	531.05
1961	Dry	61.02	55.99	48.37	22.55	25.35	20.80	44.09	55.73	56.58	54.31	42.98	17.74	505.51
1962	Below Normal	0.36	42.50	83.85	6.46	10.41	24.88	44.63	56.92	19.68	66.62	72.74	69.10	498.15
1963	Wet	53.99	49.61	43.01	33.79	37.83	43.77	51.17	53.10	72.64	63.34	57.93	52.68	612.86
1964	Dry	51.37	46.58	52.64	68.02	38.47	40.57	55.04	55.27	57.90	54.52	59.92	54.39	634.69
1965	Wet	53.18	48.22	43.57	62.99	65.32	49.00	50.20	51.79	66.67	61.56	56.85	51.87	661.22
1966	Below Normal	49.55	44.92	40.32	70.32	72.14	51.37	47.43	58.57	51.69	57.51	65.55	61.65	671.02
1967	Wet	50.24	45.90	39.80	23.98	41.74	46.13	55.20	56.55	73.37	69.81	62.11	56.17	621.00
1968	Below Normal	54.64	49.58	44.40	67.77	85.12	78.31	56.58	55.60	73.23	56.19	61.55	57.52	740.49
1969	Wet	48.93	44.63	38.97	44.76	82.18	90.99	51.18	53.28	69.97	53.05	70.91	57.03	705.88
1970	Wet	52.79	46.54	41.56	63.30	82.18	90.99	51.67	55.45	71.62	67.07	62.55	54.87	740.59
1971	Wet	53.57	48.59	43.73	83.25	65.16	61.87	45.26	57.99	54.88	56.63	64.51	60.88	696.32
1972	Below Normal	48.53	44.41	38.42	21.94	34.02	40.38	48.80	59.33	60.25	57.67	64.97	61.04	579.76
1973	Above Normal	50.36	46.09	40.11	29.55	47.43	50.99	53.68	57.10	74.73	69.42	61.72	56.07	637.25
1974	Wet	54.74	49.71	44.87	83.23	79.94	69.69	59.29	55.50	73.95	67.23	61.02	55.36	754.53
1975	Wet	53.94	48.84	43.69	81.07	79.93	65.93	55.79	56.24	74.31	68.15	60.49	55.06	743.44
1976	Critical	53.57	48.71	44.13	71.22	73.17	41.39	45.70	58.28	4.15	63.94	36.53	73.19	613.98
1977	Critical	56.94	52.18	44.78	15.36	17.59	15.26	9.46	1.33	1.55	2.46	2.09	1.55	220.55
1978	Above Normal	0.47	1.15	61.57	7.08	19.00	36.33	49.80	53.60	69.99	63.92	60.71	53.24	476.86
1979	Below Normal	49.45	44.86	40.11	58.45	59.67	55.50	53.91	54.50	73.45	65.62	59.01	53.54	668.07
1980	Above Normal	52.04	47.23	42.62	71.49	77.92	90.99	47.88	50.46	67.05	61.60	59.17	50.71	719.16
1981	Dry	49.09	44.41	39.32	82.57	82.18	57.21	45.82	59.39	22.23	66.85	57.24	72.54	678.85
1982	Wet	56.46	51.77	44.47	32.02	36.78	90.99	61.34	58.57	73.57	70.34	65.55	59.03	700.89
1983	Wet	57.42	53.49	84.64	85.54	72.80	90.99	42.10	44.29	62.77	52.16	60.04	48.76	755.00
1984	Wet	49.44	45.13	84.64	79.62	75.25	90.99	51.66	56.08	74.08	67.83	61.07	55.60	791.39
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	60.22	57.45	58.06	71.09	72.54	67.21	57.68	718.41
1987	Dry	56.05	50.98	45.40	89.91	82.18	44.17	37.64	50.52	51.91	44.93	44.33	42.93	640.95
1988	Critical	27.75	21.73	18.75	9.97	15.43	13.88	26.00	34.39	35.41	31.00	30.30	29.23	293.84
1989	Dry	18.46	14.16	12.41	8.44	12.99	13.65	50.91	65.48	33.18	66.94	59.11	73.58	429.31
1990	Critical	57.81	53.10	45.70	16.38	19.53	18.46	33.87	45.24	46.55	40.45	39.71	38.42	455.22
1991	Critical	24.61	19.17	16.60	9.44	12.64	13.60	26.48	31.01	10.60	37.10	35.87	34.88	272.00
1992	Critical	21.58	14.32	15.51	8.45	11.75	12.40	26.08	34.50	35.43	2.07	1.98	13.10	197.17
1993	Above Normal	43.32	0.78	59.61	8.29	28.61	37.52	50.00	55.85	37.57	68.94	65.24	60.54	516.27
1994	Critical	53.77	49.13	43.37	48.91	49.95	33.83	41.80	52.86	36.71	53.27	4.44	49.25	517.29
1995	Wet	0.34	12.82	84.64	6.39	25.44	34.30	59.11	59.59	75.23	59.07	76.14	62.20	555.27
1996	Wet	57.55	52.31	46.89	37.62	43.60	46.54	55.17	55.38	63.53	65.83	71.53	54.63	650.58
1997	Wet	53.28	48.42	43.67	75.44	67.78	90.99	51.35	53.30	69.91	66.33	59.29	53.32	733.08
1998	Wet	51.74	46.95	41.80	82.52	82.18	70.97	50.81	51.76	68.38	51.65	68.60	55.06	722.42
1999	Wet	55.87	51.28	55.77	88.15	61.30	70.38	51.80	55.51	70.14	65.94	65.69	55.17	747.00
2000	Above Normal	53.79	48.90	44.00	76.63	73.28	51.22	50.14	62.01	76.09	65.73	67.50	63.63	732.92
2001	Dry	51.69	47.42	41.24	24.56	25.61	21.51	39.75	53.76	55.10	48.03	47.36	45.84	501.87
2002	Dry	29.44	23.23	20.01	13.06	21.85	26.80	55.85	55.95	58.46	55.23	59.99	54.50	474.37
2003	Above Normal	53.03	21.84	56.25	14.17	21.70	26.21	41.67	52.99	1.34	61.73	67.59	64.22	482.74
	Average	46.29	43.03	47.15	45.37	47.85	49.02	47.64	52.22	51.25	56.79	55.66	52.55	594.83
	Wet	48.20	46.59	48.69	59.15	62.09	70.13	53.28	54.49	68.52	63.58	63.39	55.59	693.69
	Above Normal	51.79	37.11	52.42	43.35	49.71	48.54	49.24	54.16	51.64	64.20	64.99	59.90	627.05
	Below Normal	45.98	48.76	48.84	46.04	47.56	53.07	50.87	50.40	44.40	64.68	67.93	63.29	631.82
	Dry	41.86	40.08	47.33	38.44	38.18	33.51	46.00	56.09	46.16	56.89	54.46	56.16	555.16
	Critical	43.66	39.00	36.33	27.15	29.98	22.34	32.52	41.70	29.04	25.30	17.05	20.70	364.75

Difference in Energy Use (GWh) At Pumping Plant at Pearblossom: Alternative3_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	16.28	15.98	3.13	2.55	3.90
1923	Below Normal	2.40	2.14	1.42	14.00	18.07	21.05	16.20	(52.90)	(37.82)	23.37	13.38	12.22	2.79
1924	Critical	12.34	11.47	10.37	12.74	13.15	5.45	4.66	6.52	(20.07)	(34.26)	(33.70)	(32.94)	(3.69)
1925	Dry	(1.59)	35.96	69.84	2.57	4.28	(3.38)	(6.11)	(9.66)	(9.62)	(9.20)	(10.69)	(10.14)	4.36
1926	Dry	(8.31)	(7.67)	(6.53)	0.22	0.47	1.99	(0.53)	6.21	(12.77)	7.95	8.51	2.34	(0.68)
1927	Wet	(38.05)	22.96	17.92	1.02	(0.24)	0.54	(1.23)	(1.31)	(17.72)	13.61	1.58	1.60	0.06
1928	Above Normal	1.55	1.37	1.26	(1.59)	(1.28)	(0.53)	(0.20)	0.66	(54.42)	9.49	10.08	9.66	(2.00)
1929	Critical	8.52	7.94	7.04	(1.39)	0.28	2.88	8.09	7.90	(36.32)	(31.03)	(30.49)	(28.54)	(7.09)
1930	Dry	(19.89)	(15.45)	71.05	2.41	1.79	2.02	(0.88)	(1.91)	(49.59)	7.83	8.79	8.40	1.21
1931	Critical	7.25	7.32	6.10	2.17	2.45	2.60	(1.13)	(1.56)	(1.57)	(27.95)	(39.27)	(37.86)	(6.79)
1932	Dry	(23.90)	(14.10)	66.89	0.65	0.56	1.65	0.44	0.10	12.37	15.46	2.04	1.06	5.27
1933	Critical	1.70	1.98	1.66	1.84	1.66	(0.95)	(1.03)	(1.43)	(1.35)	(2.21)	(3.66)	(44.76)	(3.88)
1934	Critical	(9.16)	(2.99)	20.02	0.28	1.73	2.64	2.24	2.81	2.84	(36.39)	0.00	0.00	(1.33)
1935	Below Normal	(12.64)	(0.50)	34.68	1.84	1.42	1.55	1.49	(21.48)	4.59	(4.87)	13.76	13.78	2.80
1936	Below Normal	10.45	9.57	8.28	0.33	0.07	(9.84)	3.08	0.77	14.15	15.56	0.85	0.78	4.50
1937	Below Normal	0.78	0.71	0.63	0.71	(1.32)	14.20	(0.33)	(0.28)	14.00	12.13	1.56	(0.10)	3.56
1938	Wet	(0.15)	(0.14)	(0.27)	(10.46)	(14.05)	(7.19)	(0.97)	(5.89)	(0.97)	(1.59)	4.93	11.53	(2.10)
1939	Dry	(0.92)	(0.85)	(0.80)	(0.65)	0.35	(2.79)	(5.31)	0.86	16.82	0.63	(1.55)	(0.19)	0.47
1940	Above Normal	0.12	(19.77)	15.93	(2.30)	(1.99)	(0.53)	(0.02)	(0.02)	17.78	0.53	(0.01)	(0.01)	0.81
1941	Wet	(0.01)	(0.01)	(0.01)	0.01	(0.01)	(5.15)	0.00	0.00	14.28	12.87	1.00	0.01	1.92
1942	Wet	0.00	0.00	0.00	8.93	0.30	(0.57)	0.02	(0.18)	14.10	13.68	(0.26)	(0.22)	2.98
1943	Wet	(0.20)	(0.18)	(0.13)	1.35	1.86	2.06	1.16	(0.06)	14.13	11.98	1.73	(0.14)	2.80
1944	Dry	(0.12)	(0.11)	(0.04)	(8.72)	(7.84)	(2.69)	0.04	0.13	0.16	0.04	(0.08)	(0.04)	(1.61)
1945	Below Normal	(0.19)	(0.26)	(0.22)	(0.06)	(0.03)	(11.31)	0.07	0.07	15.12	13.18	0.07	0.07	1.38
1946	Below Normal	0.07	0.07	0.75	0.00	0.00	0.18	0.23	0.24	17.03	1.99	0.26	0.24	1.76
1947	Dry	0.23	0.22	0.19	0.48	0.10	0.06	(0.07)	0.21	0.17	0.20	0.26	0.28	0.19
1948	Below Normal	0.02	0.03	(0.02)	(1.06)	(0.95)	(0.35)	0.05	2.14	0.00	0.00	0.03	0.03	(0.01)
1949	Dry	0.03	0.03	0.03	0.00	0.00	(0.03)	(0.02)	0.07	0.06	0.07	0.08	0.09	0.03
1950	Below Normal	0.01	0.01	0.00	(0.65)	(0.58)	(0.18)	(0.01)	(0.01)	0.00	(0.01)	(0.02)	(0.01)	(0.12)
1951	Above Normal	(0.01)	(0.02)	(0.01)	(14.23)	12.91	0.00	0.00	0.00	15.86	12.29	0.00	0.00	2.23
1952	Wet	0.00	0.00	0.00	(1.03)	(0.01)	0.00	0.00	(2.23)	11.93	11.48	(3.11)	(2.52)	1.21
1953	Wet	(2.34)	(2.14)	5.38	7.37	(6.41)	(11.27)	(11.86)	(1.10)	17.59	0.07	(0.72)	(0.82)	(0.52)
1954	Above Normal	(0.10)	(0.11)	0.04	3.34	2.86	1.74	0.35	0.47	4.07	(0.74)	0.29	0.26	1.04
1955	Dry	0.25	0.24	0.21	0.10	0.02	(0.07)	(0.33)	(0.43)	(0.42)	(0.41)	(0.45)	(0.43)	(0.14)
1956	Wet	(0.35)	(0.33)	(0.28)	(17.63)	0.02	0.03	0.05	0.05	13.02	15.23	0.05	0.04	0.83
1957	Above Normal	0.04	0.03	0.04	(2.68)	0.00	(0.03)	0.02	0.30	17.99	0.54	0.00	0.01	1.36
1958	Wet	0.01	0.01	0.01	0.00	0.00	(0.15)	0.00	0.00	12.89	11.37	3.88	0.00	2.34
1959	Below Normal	0.00	0.00	0.00	(0.15)	(0.19)	(0.83)	(1.18)	(1.50)	(0.07)	0.32	0.01	0.11	(0.29)
1960	Dry	(0.08)	(0.10)	(0.13)	(0.31)	(0.28)	0.12	0.08	(0.20)	4.34	(1.12)	3.63	(2.24)	0.31
1961	Dry	(1.29)	(1.18)	(0.89)	1.14	1.03	0.40	0.10	0.13	0.13	0.13	1.12	(0.05)	0.06
1962	Below Normal	0.00	0.06	(0.05)	0.00	0.00	0.00	0.00	0.00	17.99	0.54	0.00	0.00	1.55
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.17	10.98	0.00	0.00	2.35
1964	Dry	0.00	0.00	0.01	0.01	0.04	0.03	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	0.00
1965	Wet	(0.02)	(0.02)	(0.01)	0.23	0.16	(0.20)	0.01	0.13	16.16	10.44	0.31	0.31	2.29
1966	Below Normal	0.20	0.18	0.16	(0.38)	(0.37)	(0.16)	0.00	0.01	(0.08)	0.02	0.03	0.03	(0.03)
1967	Wet	0.01	0.01	0.01	(0.05)	(0.04)	0.00	0.02	(0.06)	14.22	13.81	(0.09)	(0.07)	2.31
1968	Below Normal	(0.06)	(0.06)	(0.04)	(4.61)	0.00	(3.79)	2.42	1.04	17.31	2.92	1.29	1.41	1.49
1969	Wet	0.20	0.24	0.06	(4.72)	0.00	0.00	(0.36)	(0.37)	13.90	(0.35)	10.42	2.76	1.82
1970	Wet	(0.35)	(0.31)	(0.30)	(16.73)	0.00	0.00	0.00	0.18	13.71	12.65	2.35	0.17	0.95
1971	Wet	0.17	0.16	0.15	10.50	(17.02)	0.61	(0.15)	(0.21)	(2.69)	0.06	0.01	0.02	(0.70)
1972	Below Normal	(0.01)	(0.01)	(0.01)	0.04	0.01	0.00	(0.01)	(0.05)	(0.04)	(0.05)	(0.04)	(0.05)	(0.02)
1973	Above Normal	(0.02)	(0.01)	(0.01)	0.10	0.08	0.36	(0.32)	0.02	14.87	13.32	0.01	0.02	2.37
1974	Wet	0.01	0.01	0.01	10.21	16.49	(7.35)	3.12	(0.49)	15.20	11.91	(0.70)	(0.58)	3.99
1975	Wet	(0.53)	(0.49)	(0.36)	(2.30)	(2.25)	(2.51)	0.57	0.58	15.92	13.40	0.62	0.56	1.93
1976	Critical	0.56	0.52	0.46	0.72	0.65	0.18	(0.27)	(0.35)	(0.02)	(0.36)	0.82	(0.65)	0.19
1977	Critical	(0.54)	(0.50)	(0.45)	(0.06)	(0.05)	(0.02)	3.25	0.00	0.04	0.00	(0.04)	0.00	0.14
1978	Above Normal	0.00	(0.45)	0.30	0.00	0.01	(0.71)	(0.27)	2.40	16.30	13.40	5.36	3.14	3.29
1979	Below Normal	0.62	0.68	0.15	(11.99)	(11.32)	5.67	2.06	0.41	16.69	12.24	0.30	0.33	1.32
1980	Above Normal	0.36	0.33	0.37	(1.48)	3.98	0.00	(2.88)	(2.25)	11.93	8.92	(0.26)	(2.48)	1.38
1981	Dry	(2.37)	(2.17)	(1.71)	1.18	0.00	4.77	1.09	1.48	18.06	0.20	(4.59)	0.69	1.39
1982	Wet	0.68	0.65	0.58	0.27	0.28	0.00	0.00	0.01	12.32	12.33	0.32	0.31	2.31
1983	Wet	(0.40)	0.99	0.00	0.00	(0.14)	0.00	0.00	0.00	14.28	0.00	10.77	3.10	2.38
1984	Wet	0.00	0.00	0.00	0.00	0.16	0.00	0.01	0.01	15.57	12.59	0.00	0.01	2.36
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	(30.77)	1.44	0.03	10.27	14.97	3.03	0.04	(0.08)
1987	Dry	0.03	0.03	0.02	6.40	0.00	0.02	(1.39)	(1.94)	(1.98)	(1.69)	(1.69)	(1.65)	(0.32)
1988	Critical	(1.10)	(0.90)	(0.75)	(0.19)	(0.18)	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	(0.27)
1989	Dry	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.05)	(0.07)	(0.65)	(0.01)	(3.87)	0.68	(0.33)
1990	Critical	0.49	0.45	0.37	(0.02)	(0.01)	0.01	0.00	0.02	0.01	0.01	0.00	0.01	0.11
1991	Critical	0.01	0.01	0.00	(0.01)	0.00	0.00	(0.01)	(1.28)	(0.08)	0.21	0.17	0.18	(0.07)
1992	Critical	0.10	(1.26)	0.90	(0.01)	(0.01)	0.00	0.00	(0.01)	(0.01)	0.00	0.00	(0.33)	(0.05)
1993	Above Normal	(0.58)	(0.52)	0.46	0.00	(0.03)	(0.09)	(0.01)	0.09	16.65	10.37	0.22	0.23	2.23
1994	Critical	0.13	0.12	0.10	(0.36)	(0.32)	(0.14)	0.01	0.00	0.16	(0.01)	0.30	(0.04)	0.00
1995	Wet	(1.08)	0.34	0.00	0.00	0.00	0.00	0.00	0.00	12.92	0.11	10.89	3.20	2.20
1996	Wet	0.11	0.10	0.09	(37.15)	(32.32)	(13.62)	(0.95)	(0.97)	4.54	10.28	10.34	(0.90)	(5.04)
1997	Wet	(0.87)	(0.81)	(0.73)	(4.68)	(0.55)	0.00	0.12	0.12	14.41	13.70	0.40	0.11	1.77
1998	Wet	0.12	0.10	0.10	0.60	18.61	(3.50)	(0.05)	(2.27)	11.90	(2.43)	7.64	0.55	2.61
1999	Wet	3.26	(2.88)	3.06	7.37	0.23	(7.63)	(0.22)	0.13	12.31	11.17	5.09	0.14	2.67
2000	Above Normal	0.14	0.13	0.10	0.33	0.40	(0.26)	(0.13)	0.40	13.64	5.55	0.46	0.53	1.77
2001	Dry	(0.01)	0.00	(0.06)	(2.22)	(1.98)	(0.56)	0.31	0.43	0.44	0.38	0.37	0.37	(0.21)
2002	Dry	0.25	0.19	0.17	0.03	0.00	(0.03)	(0.17)	(0.18)	(0.19)	(0.17)	(0.19)	(0.17)	(0.04)
2003	Above Normal	(0.17)	3.18	(3.29)	0.63	0.57	0.21	(0.01)	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.09
	Average	(0.90)	0.42	4.03	(0.52)	0.07	(0.68)	0.19	(0.90)	4.66	3.53	0.21	(1.02)	0.76
	Wet	(1.53)	0.70	0.97	(1.80)	(1.34)	(3.33)	(0.36)	(0.53)	11.21	9.01	2.71	0.74	1.37
	Above Normal	0.11	(1.32)	1.27	(1.09)	1.50	0.04	(0.17)	0.33	7.58	7.47	1.61	1.16	1.54
	Below Normal	0.12	0.90	3.27	(0.14)	0.34	1.16	1.72	(5.11)	5.63	5.52	2.25	2.06	1.48
	Dry	(3.21)	(0.28)	11.01	0.18	(0.08)	0.08	(0.71)	(0.27)	(1.26)	1.13	0.09	(0.06)	0.55
	Critical	1.69	2.01	3.82	1.31	1.61	1.05	1.32	1.05	(4.70)	(11.00)	(8.82)	(12.08)	(1.89)

Percent Difference in Energy Use (GWh) At Pumping Plant at Pearblossom: Alternative3_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%	30%	31%	6%	5%
1923	Below Normal	5%	5%	3%	19%	28%	30%	35%	-93%	-66%	42%	21%	21%
1924	Critical	25%	26%	27%	46%	45%	25%	15%	16%	-48%	-94%	-95%	-96%
1925	Dry	-7%	212%	472%	28%	34%	-14%	-13%	-16%	-15%	-15%	-16%	-16%
1926	Dry	-16%	-16%	-16%	1%	2%	8%	-1%	12%	-23%	15%	15%	4%
1927	Wet	-87%	57%	52%	6%	-1%	1%	-2%	-2%	-30%	24%	3%	3%
1928	Above Normal	3%	3%	3%	-2%	-2%	-1%	0%	1%	-93%	17%	17%	18%
1929	Critical	16%	17%	16%	-2%	0%	9%	32%	21%	-96%	-94%	-94%	-95%
1930	Dry	-98%	-99%	523%	28%	12%	12%	-2%	-4%	-94%	16%	17%	17%
1931	Critical	20%	24%	23%	18%	15%	17%	-3%	-3%	-3%	-67%	-95%	-96%
1932	Dry	-99%	-68%	377%	6%	3%	8%	1%	0%	25%	33%	4%	2%
1933	Critical	5%	6%	6%	14%	10%	-5%	-3%	-3%	-2%	-5%	-7%	-94%
1934	Critical	-29%	-12%	89%	3%	12%	16%	6%	6%	5%	-81%	0%	0%
1935	Below Normal	-59%	-1%	69%	18%	8%	8%	3%	-34%	30%	-7%	19%	20%
1936	Below Normal	19%	19%	19%	2%	0%	-18%	6%	1%	23%	27%	1%	1%
1937	Below Normal	1%	1%	1%	1%	-2%	21%	-1%	0%	24%	22%	3%	0%
1938	Wet	0%	0%	-1%	-13%	-18%	-8%	-2%	-10%	-2%	-3%	8%	21%
1939	Dry	-2%	-2%	-2%	-1%	1%	-3%	-9%	1%	402%	1%	-5%	0%
1940	Above Normal	0%	-80%	24%	-26%	-15%	-2%	0%	0%	41%	1%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-7%	0%	0%	28%	27%	2%	0%
1942	Wet	0%	0%	0%	14%	0%	-1%	0%	0%	26%	27%	0%	0%
1943	Wet	0%	0%	0%	2%	2%	3%	2%	0%	23%	21%	3%	0%
1944	Dry	0%	0%	0%	-14%	-13%	-8%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	-1%	-1%	0%	0%	-12%	0%	0%	25%	24%	0%	0%
1946	Below Normal	0%	0%	2%	0%	0%	0%	0%	0%	30%	4%	0%	0%
1947	Dry	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-2%	-2%	-1%	0%	6%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-4%	-3%	-1%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	-16%	19%	0%	0%	0%	27%	23%	0%	0%
1952	Wet	0%	0%	0%	-1%	0%	0%	0%	-5%	24%	24%	-6%	-5%
1953	Wet	-5%	-5%	9%	9%	-8%	-12%	-18%	-2%	33%	0%	-1%	-2%
1954	Above Normal	0%	0%	0%	6%	5%	4%	1%	1%	7%	-1%	0%	0%
1955	Dry	0%	1%	1%	1%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-1%	-23%	0%	0%	0%	0%	21%	26%	0%	0%
1957	Above Normal	0%	0%	0%	-3%	0%	0%	0%	1%	967%	1%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	20%	19%	6%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-1%	-3%	-3%	-2%	0%	0%	0%
1960	Dry	0%	0%	0%	-2%	-2%	1%	0%	0%	16%	-2%	9%	-3%
1961	Dry	-2%	-2%	-2%	5%	4%	2%	0%	0%	0%	0%	3%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	>1,000%	1%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	31%	21%	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%	32%	20%	1%	1%
1966	Below Normal	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	24%	25%	0%	0%
1968	Below Normal	0%	0%	0%	-6%	0%	-5%	4%	2%	31%	5%	2%	3%
1969	Wet	0%	1%	0%	-10%	0%	0%	-1%	-1%	25%	-1%	17%	5%
1970	Wet	-1%	-1%	-1%	-21%	0%	0%	0%	0%	24%	23%	4%	0%
1971	Wet	0%	0%	0%	14%	-21%	1%	0%	0%	-5%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	1%	-1%	0%	25%	24%	0%	0%
1974	Wet	0%	0%	0%	14%	26%	-10%	6%	-1%	26%	22%	-1%	-1%
1975	Wet	-1%	-1%	-1%	-3%	-3%	-4%	1%	1%	27%	24%	1%	1%
1976	Critical	1%	1%	1%	1%	1%	0%	-1%	-1%	0%	-1%	2%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	52%	0%	3%	0%	-2%	0%
1978	Above Normal	0%	-28%	0%	0%	0%	-2%	-1%	5%	30%	27%	10%	6%
1979	Below Normal	1%	2%	0%	-17%	-16%	11%	4%	1%	29%	23%	1%	1%
1980	Above Normal	1%	1%	1%	-2%	5%	0%	-6%	-4%	22%	17%	0%	-5%
1981	Dry	-5%	-5%	-4%	1%	0%	9%	2%	3%	433%	0%	-7%	1%
1982	Wet	1%	1%	1%	1%	1%	0%	0%	0%	20%	21%	0%	1%
1983	Wet	-1%	2%	0%	0%	0%	0%	0%	0%	29%	0%	22%	7%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	27%	23%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-34%	3%	0%	17%	26%	5%	0%
1987	Dry	0%	0%	0%	8%	0%	0%	-4%	-4%	-4%	-4%	-4%	-4%
1988	Critical	-4%	-4%	-4%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	-6%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-4%	-1%	1%	0%	1%
1992	Critical	0%	-8%	6%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1993	Above Normal	-1%	-40%	1%	0%	0%	0%	0%	0%	80%	18%	0%	0%
1994	Critical	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	7%	0%
1995	Wet	-76%	3%	0%	0%	0%	0%	0%	0%	21%	0%	17%	5%
1996	Wet	0%	0%	0%	-50%	-43%	-23%	-2%	-2%	8%	19%	17%	-2%
1997	Wet	-2%	-2%	-2%	-6%	-1%	0%	0%	0%	26%	26%	1%	0%
1998	Wet	0%	0%	0%	1%	29%	-5%	0%	-4%	21%	-4%	13%	1%
1999	Wet	6%	-5%	6%	9%	0%	-10%	0%	0%	21%	20%	8%	0%
2000	Above Normal	0%	0%	0%	0%	1%	-1%	0%	1%	22%	9%	1%	1%
2001	Dry	0%	0%	0%	-8%	-7%	-3%	1%	1%	1%	1%	1%	1%
2002	Dry	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	17%	-6%	5%	3%	1%	0%	0%	0%	0%	0%	0%
	Average	-5%	0%	21%	1%	1%	0%	1%	-1%	30%	5%	-1%	-3%
	Wet	-6%	2%	2%	-2%	-1%	-4%	-1%	-1%	20%	17%	4%	1%
	Above Normal	0%	-11%	2%	-1%	1%	0%	0%	1%	96%	14%	3%	2%
	Below Normal	-2%	2%	7%	1%	1%	2%	4%	-9%	9%	10%	3%	3%
	Dry	-13%	1%	75%	3%	2%	1%	-1%	0%	41%	3%	1%	0%
	Critical	3%	4%	14%	6%	7%	5%	8%	3%	-12%	-28%	-24%	-32%

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: Alternative3_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	9.12	6.45	5.25	13.02	12.31	14.36	7.49	5.68	6.69	4.20	2.33	0.59	87.49
1925	Dry	2.97	4.95	6.14	3.07	3.48	11.40	9.31	7.94	9.89	11.41	10.91	9.77	91.24
1926	Dry	1.41	0.70	4.31	6.23	6.30	12.73	8.39	9.01	11.21	12.84	12.30	11.06	96.49
1927	Wet	1.60	2.30	5.05	6.92	7.17	13.54	9.24	9.19	12.27	12.91	12.38	11.25	103.82
1928	Above Normal	1.44	1.04	5.42	14.70	13.75	14.70	14.23	14.70	14.23	14.70	12.26	10.95	132.12
1929	Critical	1.42	0.99	5.01	14.70	13.28	14.70	14.23	8.81	6.38	0.90	2.62	4.85	87.89
1930	Dry	1.36	1.00	9.07	2.91	3.32	11.20	8.67	7.03	8.76	9.97	9.65	8.70	81.64
1931	Critical	1.30	0.73	2.08	5.16	5.28	11.74	7.44	5.56	6.46	7.27	2.09	0.54	55.65
1932	Dry	1.53	3.58	5.21	2.93	3.39	11.44	8.94	7.44	9.25	10.63	10.22	9.25	83.81
1933	Critical	1.31	0.65	3.27	5.80	5.81	12.03	7.81	6.10	7.29	8.18	8.04	7.45	73.74
1934	Critical	1.28	0.95	0.47	1.50	3.54	11.35	8.11	6.51	7.71	8.58	1.71	0.61	52.32
1935	Below Normal	3.90	5.34	6.51	3.61	4.04	11.60	10.40	9.59	6.00	14.70	14.52	13.12	103.33
1936	Below Normal	3.08	3.67	6.07	7.31	7.36	13.64	9.65	9.88	13.15	13.84	13.32	12.10	113.07
1937	Below Normal	1.54	1.97	5.88	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	138.86
1938	Wet	9.38	10.38	7.34	14.70	13.28	14.70	4.55	12.35	14.23	14.70	14.70	14.23	144.54
1939	Dry	7.05	5.62	9.70	14.70	13.28	14.70	14.23	14.70	12.99	14.70	14.70	14.23	150.60
1940	Above Normal	9.97	6.13	8.35	0.65	1.15	11.24	10.23	9.48	11.78	13.44	12.95	11.70	107.07
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	3.45	3.59	7.33	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	143.84
1943	Wet	8.99	8.37	5.87	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	152.70
1944	Dry	9.16	3.91	7.09	9.25	8.57	12.89	8.66	7.20	8.77	10.04	9.73	8.89	104.16
1945	Below Normal	1.31	0.74	2.19	5.21	4.86	14.70	6.85	9.37	12.60	13.21	12.68	11.57	95.29
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	11.33	10.22	108.09
1949	Dry	1.47	1.11	4.63	6.24	5.86	11.60	9.84	9.29	12.00	13.09	12.58	11.46	99.17
1950	Below Normal	1.54	1.89	5.38	1.97	2.23	10.70	9.66	8.39	5.24	13.09	12.60	11.39	84.08
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	11.34	11.90	13.74	13.13	11.90	126.42
1955	Dry	2.08	2.94	5.42	7.55	7.01	12.17	9.16	7.87	9.72	11.17	10.78	9.74	95.61
1956	Wet	1.38	0.69	4.12	14.70	11.26	8.90	6.23	10.79	14.23	14.70	14.63	13.35	114.98
1957	Above Normal	2.26	2.83	6.51	14.70	13.28	14.70	14.23	14.70	9.80	14.70	14.70	13.55	135.96
1958	Wet	1.37	0.69	4.05	6.38	6.52	14.70	9.42	12.47	14.23	14.70	14.70	14.23	113.46
1959	Below Normal	7.44	6.04	9.92	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	14.23	152.87
1960	Dry	9.15	4.46	4.93	6.73	6.05	11.69	10.45	9.72	12.27	13.85	13.28	12.02	114.60
1961	Dry	2.09	2.93	5.54	8.82	8.06	12.18	9.60	8.27	2.86	13.59	13.15	11.79	98.88
1962	Below Normal	1.84	2.86	5.39	1.28	1.68	10.99	9.75	8.54	10.64	12.23	11.76	10.60	87.56
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	14.03	13.42	13.00	11.73	130.83
1967	Wet	1.84	2.76	5.35	8.83	8.89	13.66	9.81	10.67	14.19	14.70	14.51	13.20	118.41
1968	Below Normal	2.14	2.74	6.41	14.70	13.75	14.70	14.23	14.70	14.23	14.70	14.70	14.23	141.23
1969	Wet	3.88	2.43	5.29	12.36	13.28	14.70	7.38	12.40	14.23	14.70	14.70	14.23	129.58
1970	Wet	7.18	5.78	9.60	14.70	13.28	14.70	8.61	9.56	12.68	13.32	12.78	11.64	133.83
1971	Wet	1.51	1.36	5.63	14.70	13.28	14.70	14.23	14.70	14.23	14.70	14.70	13.43	137.17
1972	Below Normal	1.69	2.68	5.18	7.60	7.23	12.57	10.18	9.48	11.89	13.44	12.94	11.66	106.54
1973	Above Normal	1.72	2.65	5.37	10.19	9.91	14.70	8.74	9.67	12.86	13.42	12.92	11.74	113.89
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	2.81	1.81	5.54	14.70	13.75	14.70	14.23	14.70	13.02	14.70	11.91	10.80	132.67
1977	Critical	1.54	1.88	4.89	6.62	5.96	11.55	6.55	3.95	0.82	0.89	1.66	4.38	50.69
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	11.54	12.82	13.42	12.90	11.80	127.14
1980	Above Normal	1.50	1.54	5.71	14.70	13.75	14.70	10.26	11.28	14.23	14.70	14.70	14.23	131.30
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	7.09	2.49	5.05	7.79	7.31	14.70	14.23	12.39	14.23	14.70	14.70	14.23	128.91
1983	Wet	8.84	14.23	11.48	14.70	13.28	10.68	7.09	12.30	14.23	14.70	14.70	14.23	150.46
1984	Wet	14.70	14.23	14.22	14.70	13.75	14.70	5.37	9.66	12.76	13.43	12.90	11.79	152.21
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	8.86	8.46	14.70	13.28	14.70	14.23	14.70	14.23	12.61	7.71	7.20	140.94
1988	Critical	1.21	0.90	0.45	1.11	2.44	10.34	6.66	4.25	5.08	5.72	5.56	5.16	48.88
1989	Dry	0.85	0.63	0.31	0.80	0.42	8.04	10.48	9.63	12.04	13.82	13.27	11.99	82.28
1990	Critical	2.16	3.01	5.49	7.22	6.60	12.17	7.43	5.42	6.43	7.16	7.06	6.58	76.73
1991	Critical	1.11	0.82	0.41	1.02	0.94	10.21	6.67	4.33	5.15	5.79	5.64	5.30	47.39
1992	Critical	0.87	0.64	0.32	0.81	0.43	7.85	6.69	4.37	5.06	3.31	2.06	7.48	39.89
1993	Above Normal	0.84	0.62	0.31	0.79	2.41	11.33	9.71	9.19	11.88	12.95	12.48	11.32	83.83
1994	Critical	1.52	1.69	5.31	14.70	13.28	14.70	9.41	8.06	9.99	11.47	11.03	9.97	111.13
1995	Wet	1.41	0.73	4.49	1.29	2.45	11.63	10.49	11.15	14.23	14.70	14.70	14.23	101.50
1996	Wet	3.30	3.48	7.02	5.29	5.35	12.58	9.51	9.42	12.56	13.20	12.71	11.50	105.92
1997	Wet	1.48	1.24	5.58	14.70	13.28	14.70	10.30	10.83	14.23	14.70	14.54	13.29	128.87
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	11.62	8.83	13.28	14.70	9.38	9.59	12.72	13.28	12.87	11.73	146.93
2000	Above Normal	1.51	1.48	5.66	14.70	13.75	14.70	14.23	14.70	14.23	14.70	14.70	14.19	138.55
2001	Dry	1.84	2.72	5.41	9.36	8.37	12.43	7.90	6.51	7.59	8.30	8.23	7.70	86.36
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	3.30	3.02	6.13	9.64	8.93	12.99	10.49	10.54	11.57	12.55	12.02	11.22	112.40
	Wet	4.33	4.11	6.86	11.78	11.17	13.96	10.68	12.09	13.73	14.25	14.11	13.26	130.30
	Above Normal	3.20	2.66	6.37	8.67	7.85	12.83	10.88	11.08	12.48	13.72	13.22	12.22	115.17
	Below Normal	2.41	2.63	6.44	10.24	8.74	13.53	11.34	11.27	11.67	13.64	13.31	12.32	117.53
	Dry	3.37	2.86	6.61	8.35	7.86	11.84	10.57	10.09	11.03	12.49	11.80	10.71	107.60
	Critical	2.14	1.71	3.21	7.20	6.97	12.14	8.56	6.48	6.67	6.51	5.14	5.31	72.04

Difference in Energy Use (GWh) At Pumping Plant at South Bay: Alternative3_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	7.48	3.91	(0.06)	2.92	3.21	1.77	0.45	0.73	0.85	(2.25)	(4.04)	(5.34)	0.80
1925	Dry	1.97	4.21	5.77	2.14	2.96	(3.30)	3.04	(1.37)	(1.70)	(1.94)	(1.88)	(1.73)	0.68
1926	Dry	(0.35)	(2.03)	(0.96)	(0.81)	(0.27)	0.76	0.35	0.88	1.09	1.25	1.22	1.11	0.19
1927	Wet	0.16	1.46	0.54	0.66	0.98	1.02	(0.11)	(0.21)	(0.28)	(0.29)	(0.28)	(0.25)	0.28
1928	Above Normal	(0.04)	(0.25)	(0.17)	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.30	0.08	0.07
1929	Critical	0.02	0.00	0.22	0.00	0.00	0.00	0.00	1.02	1.05	(5.01)	(3.23)	(0.54)	(0.54)
1930	Dry	0.47	0.34	8.74	2.08	2.87	2.29	0.17	0.15	0.27	0.38	0.31	0.22	1.52
1931	Critical	(0.02)	(0.07)	0.73	0.61	1.17	1.16	(0.09)	(0.14)	(0.17)	(0.18)	(5.20)	(6.18)	(0.70)
1932	Dry	0.39	2.73	4.79	1.87	1.63	0.60	0.22	0.27	0.38	0.48	0.43	0.35	1.18
1933	Critical	0.02	(0.03)	0.81	0.51	0.93	0.71	(0.11)	(0.40)	(0.54)	(0.67)	(0.62)	(0.52)	0.01
1934	Critical	(0.05)	0.02	(0.02)	(1.52)	0.44	0.79	0.35	0.49	0.63	0.75	0.87	(2.95)	(0.02)
1935	Below Normal	2.20	1.47	1.05	0.58	1.19	0.80	0.20	0.28	(5.61)	1.42	1.71	1.57	0.57
1936	Below Normal	1.32	0.95	0.80	0.21	0.57	(1.06)	2.13	0.11	0.16	0.17	0.15	0.14	0.47
1937	Below Normal	0.02	0.17	0.07	0.00	0.00	0.00	7.05	3.74	0.00	0.00	0.00	0.45	0.96
1938	Wet	6.69	7.32	0.56	0.00	0.00	0.00	(3.92)	(2.35)	0.00	0.00	0.00	0.00	0.69
1939	Dry	0.04	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1940	Above Normal	0.15	0.59	(0.99)	(0.37)	(0.31)	(0.10)	0.00	(0.01)	(0.01)	0.00	(0.01)	(0.01)	(0.09)
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	(0.03)	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.06	(1.18)	(0.08)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)
1944	Dry	1.35	0.16	(0.37)	(4.71)	(4.24)	(1.57)	(0.02)	(0.02)	(0.03)	(0.04)	(0.04)	(0.03)	(0.80)
1945	Below Normal	0.00	0.01	(0.09)	(0.05)	(0.05)	0.00	(0.06)	0.01	0.01	0.01	0.01	0.01	(0.02)
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	0.04	0.03	(0.03)
1949	Dry	0.00	0.05	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	(0.11)	(0.09)	(0.03)	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.02)
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	(4.59)	(2.69)	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	1.80	0.11	0.12	0.13	0.11	(0.33)
1955	Dry	0.09	0.07	0.06	0.06	0.06	0.01	(0.04)	(0.06)	(0.07)	(0.09)	(0.08)	(0.08)	(0.01)
1956	Wet	(0.01)	(0.01)	(0.13)	0.00	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1957	Above Normal	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00
1958	Wet	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	(0.11)	0.17	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	(0.09)	(2.08)	(0.15)	(0.19)	(0.17)	(0.03)	(0.03)	(0.02)	0.00	(0.03)	(0.03)	(0.03)	(0.24)
1961	Dry	(0.04)	(0.03)	0.00	0.28	0.25	0.12	0.01	0.02	0.01	0.03	0.03	0.03	0.06
1962	Below Normal	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	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	(0.20)	(0.07)	0.01	0.00	(0.02)
1967	Wet	0.00	0.00	0.00	(0.02)	(0.01)	(0.01)	0.00	(0.04)	(0.04)	0.00	(0.08)	(0.08)	(0.02)
1968	Below Normal	(0.06)	(0.04)	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1969	Wet	0.94	0.18	0.03	(2.34)	0.01	10.59	0.19	0.00	0.00	0.00	0.00	0.00	0.80
1970	Wet	0.33	(0.24)	(0.08)	0.00	0.00	0.00	(0.61)	0.03	0.03	0.04	0.03	0.03	(0.04)
1971	Wet	0.01	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.13)	(0.01)
1972	Below Normal	(0.04)	(0.03)	(0.03)	(0.02)	(0.02)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	(0.01)	(0.01)
1973	Above Normal	(0.01)	(0.01)	0.00	0.03	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	(2.45)	(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	(1.69)	0.05	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.06)	(0.14)
1977	Critical	(0.01)	(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	1.73	(0.23)	(0.24)	(0.23)	(0.21)	0.74
1980	Above Normal	(0.02)	(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	5.50	0.43	0.14	0.19	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54
1983	Wet	(5.86)	4.14	1.72	0.00	0.00	(0.70)	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)
1984	Wet	0.00	0.00	(0.16)	0.00	0.00	0.00	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	3.36	2.88	0.00	0.00	0.00	0.00	0.52
1987	Dry	4.94	4.26	(0.07)	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)	(9.41)	(8.40)	(2.12)	(4.72)	(5.28)	(1.67)	(0.34)	(0.33)	(0.31)	(2.72)
1997	Wet	(0.04)	(0.36)	(0.15)	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	(0.01)	(0.05)
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	(3.08)	(3.66)	0.00	0.00	(0.01)	0.04	0.05	0.06	0.06	0.05	(0.54)
2000	Above Normal	0.01	0.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.05
2001	Dry	0.07	0.05	0.01	(0.55)	(0.49)	(0.20)	0.03	0.05	0.06	0.06	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	0.14	0.27	0.22	(0.17)	0.02	0.15	0.22	0.06	(0.08)	(0.06)	(0.09)	(0.16)	0.04
	Wet	0.03	0.34	(0.04)	(0.64)	(0.28)	0.34	(0.22)	(0.19)	(0.07)	(0.02)	(0.02)	(0.10)	(0.07)
	Above Normal	(0.44)	(0.08)	(0.13)	(0.01)	(0.01)	0.04	0.23	0.21	0.14	0.23	0.22	0.28	0.06
	Below Normal	0.38	0.36	0.28	0.03	0.10	(0.03)	1.20	0.42	(0.60)	0.10	0.12	0.18	0.21
	Dry	0.29	0.31	0.86	0.02	0.15	(0.07)	0.21	(0.01)	(0.00)	(0.04)	(0.02)	(0.02)	0.14
	Critical	0.48	0.32	0.14	0.19	0.45	0.37	0.04	0.14	0.15	(0.61)	(0.92)	(1.33)	(0.05)

Percent Difference in Energy Use (GWh) At Pumping Plant at South Bay: Alternative3_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	456%	154%	-1%	29%	35%	14%	6%	15%	15%	-35%	-63%	-90%
1925	Dry	197%	569%	>1,000%	230%	569%	-22%	48%	-15%	-15%	-15%	-15%	-15%
1926	Dry	-20%	-74%	-18%	-12%	-4%	6%	4%	11%	11%	11%	11%	11%
1927	Wet	11%	174%	12%	11%	16%	8%	-1%	-2%	-2%	-2%	-2%	-2%
1928	Above Normal	-3%	-19%	-3%	0%	0%	0%	0%	0%	0%	7%	3%	1%
1929	Critical	1%	0%	5%	0%	0%	0%	0%	13%	20%	-85%	-55%	-10%
1930	Dry	53%	52%	>1,000%	251%	638%	26%	2%	2%	3%	4%	3%	3%
1931	Critical	-2%	-9%	54%	13%	28%	11%	-1%	-2%	-3%	-2%	-71%	-92%
1932	Dry	34%	321%	>1,000%	176%	93%	6%	3%	4%	4%	5%	4%	4%
1933	Critical	2%	-4%	33%	10%	19%	6%	-1%	-6%	-7%	-8%	-7%	-7%
1934	Critical	-4%	2%	-4%	-50%	14%	7%	5%	8%	9%	10%	104%	-83%
1935	Below Normal	129%	38%	19%	19%	42%	7%	2%	3%	-48%	11%	13%	14%
1936	Below Normal	75%	35%	15%	3%	8%	-7%	28%	1%	1%	1%	1%	1%
1937	Below Normal	1%	9%	1%	0%	0%	0%	98%	34%	0%	0%	0%	3%
1938	Wet	249%	239%	8%	0%	0%	0%	-46%	-16%	0%	0%	0%	0%
1939	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	2%	11%	-11%	-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%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	1%	-12%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	17%	4%	-5%	-34%	-33%	-11%	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%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	1%	0%	-5%	-4%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	-66%	-48%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	-13%
1954	Above Normal	-78%	-49%	-2%	0%	0%	0%	0%	19%	1%	1%	1%	1%
1955	Dry	5%	2%	1%	1%	1%	0%	0%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-3%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	-1%	3%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	-1%	-32%	-3%	-3%	-3%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	-2%	-1%	0%	3%	3%	1%	0%	0%	0%	0%	0%	0%
1962	Below Normal	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	-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	32%	8%	1%	-16%	0%	258%	3%	0%	0%	0%	0%	0%
1970	Wet	5%	-4%	-1%	0%	0%	0%	-7%	0%	0%	0%	0%	0%
1971	Wet	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1972	Below Normal	-2%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	-27%	-10%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	-38%	3%	1%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1977	Critical	-1%	-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%	18%	-2%	-2%	-2%	-2%
1980	Above Normal	-1%	-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	346%	21%	3%	3%	2%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	-40%	41%	18%	0%	0%	-6%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	-1%	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%	93%	-1%	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%	-23%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	-21%	-29%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	1%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%
2001	Dry	4%	2%	0%	-6%	-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	18%	20%	1%	6%	16%	4%	3%	1%	0%	-1%	1%	-3%
	Wet	20%	15%	0%	-4%	-2%	9%	-2%	-1%	-1%	0%	0%	-1%
	Above Normal	-8%	-7%	-3%	-1%	-1%	0%	3%	2%	1%	2%	2%	2%
	Below Normal	23%	18%	5%	1%	3%	0%	17%	4%	-5%	1%	1%	1%
	Dry	18%	50%	-3%	34%	70%	0%	3%	0%	0%	0%	0%	0%
	Critical	34%	12%	7%	-1%	7%	3%	1%	2%	3%	-10%	4%	-24%

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: Alternative3_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	42.34	77.98	64.32	70.61	51.18	17.96	12.78	49.28	121.99	121.99	118.05	816.63
1924	Critical	86.75	55.64	91.30	47.48	37.15	5.51	5.30	11.98	5.30	25.87	5.48	10.10	387.86
1925	Dry	41.47	51.10	72.99	58.37	39.28	78.30	19.09	17.51	41.30	121.99	60.82	118.05	720.27
1926	Dry	45.85	39.48	50.31	58.68	29.28	5.48	20.05	15.21	42.25	121.99	83.98	60.04	572.60
1927	Wet	27.38	118.05	67.89	42.81	65.34	67.69	14.27	12.78	50.72	121.99	121.99	118.05	828.96
1928	Above Normal	59.05	38.46	129.71	62.82	37.28	78.31	15.25	12.78	45.21	111.86	121.99	118.05	830.77
1929	Critical	65.40	24.96	85.48	60.23	54.71	50.21	28.37	20.75	5.30	5.48	15.57	11.84	428.30
1930	Dry	20.75	16.40	60.61	43.46	41.21	46.14	24.64	22.21	28.52	121.99	49.78	118.05	593.76
1931	Critical	42.50	36.00	30.82	58.15	33.48	15.66	5.30	5.48	5.30	44.38	5.48	7.97	290.52
1932	Dry	18.14	26.97	131.02	62.50	70.19	74.14	5.30	12.78	5.30	121.99	121.99	50.94	701.26
1933	Critical	20.40	20.31	39.67	71.22	90.10	29.84	13.30	12.78	5.30	19.39	5.48	10.87	338.66
1934	Critical	20.57	18.03	72.92	109.32	70.20	25.45	5.30	14.12	5.30	5.48	5.48	9.11	361.28
1935	Below Normal	37.80	57.10	71.87	64.12	46.81	45.65	15.01	12.78	40.87	121.99	121.99	118.05	754.04
1936	Below Normal	68.91	57.05	56.05	40.46	141.80	129.63	18.13	12.78	48.80	121.99	121.99	118.05	935.64
1937	Below Normal	84.32	48.23	118.31	78.93	140.20	115.88	17.48	16.13	85.73	121.99	104.43	55.13	986.76
1938	Wet	90.78	118.05	91.80	119.16	122.77	122.40	37.72	46.11	113.55	121.99	121.99	101.15	1,207.47
1939	Dry	60.94	5.30	103.73	62.05	45.06	32.39	9.24	15.71	5.30	121.99	84.44	118.05	664.20
1940	Above Normal	30.28	18.22	61.10	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	137.87	138.07	24.83	23.98	69.20	121.99	121.99	109.59	978.91
1942	Wet	42.95	5.30	76.87	85.20	83.61	90.18	21.00	21.13	68.30	121.99	121.99	109.39	847.91
1943	Wet	52.98	5.30	71.96	87.75	98.70	138.07	21.64	14.41	42.12	121.70	121.99	113.92	890.54
1944	Dry	49.86	5.30	129.82	62.08	63.07	45.04	15.43	12.78	33.01	121.99	84.89	46.12	669.39
1945	Below Normal	37.68	118.05	72.40	62.25	61.17	113.90	15.37	12.78	34.83	121.99	121.99	99.56	871.97
1946	Below Normal	98.77	118.05	103.02	75.52	49.17	62.01	13.46	12.78	34.88	121.99	121.99	100.62	912.26
1947	Dry	88.24	86.21	78.93	51.84	58.28	24.49	17.81	12.78	30.25	121.99	76.30	118.05	765.17
1948	Below Normal	77.43	62.33	41.40	36.92	5.13	46.20	12.37	12.78	47.38	121.99	121.99	118.05	703.97
1949	Dry	56.04	47.47	78.01	58.70	54.82	35.44	12.37	12.78	30.64	121.99	64.22	118.05	690.53
1950	Below Normal	29.27	33.82	40.14	40.76	42.71	62.92	12.37	12.78	37.10	121.80	121.99	118.05	673.71
1951	Above Normal	89.22	118.05	139.69	114.63	104.13	116.90	14.09	12.78	47.63	107.63	121.99	105.58	1,092.32
1952	Wet	56.21	68.30	71.83	83.34	67.67	138.07	25.20	35.25	88.50	121.99	121.99	112.04	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	42.31	85.47	679.27
1956	Wet	35.58	68.58	93.82	155.23	109.92	118.41	15.06	16.98	75.00	121.99	121.99	100.77	1,033.33
1957	Above Normal	54.24	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	46.36	67.70	46.22	67.57	138.07	39.13	31.17	89.17	121.99	121.99	118.05	1,009.41
1959	Below Normal	68.81	5.30	129.25	39.60	50.64	67.71	19.06	15.65	29.41	121.99	121.99	118.05	787.46
1960	Dry	58.41	47.72	42.47	58.16	38.27	44.41	5.30	22.32	26.90	121.99	91.79	118.05	675.79
1961	Dry	27.75	73.52	127.64	60.11	33.80	60.30	13.40	14.64	1.51	121.99	37.96	43.94	616.56
1962	Below Normal	15.58	47.37	53.46	45.36	51.70	70.00	16.57	12.78	30.25	118.28	121.99	118.05	701.39
1963	Wet	121.99	118.05	64.59	43.91	47.88	65.05	13.37	12.78	40.22	121.99	121.99	118.05	889.87
1964	Dry	72.69	118.05	91.20	62.09	46.76	39.76	12.37	12.78	5.30	121.99	55.42	118.05	756.46
1965	Wet	53.66	53.21	71.32	99.48	72.02	77.08	18.80	12.78	50.04	121.66	121.99	115.99	868.03
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	32.61	29.97	110.88	121.99	121.99	118.05	927.79
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	69.14	71.41	128.68	71.58	76.94	74.24	43.14	83.40	94.56	96.62	111.36	78.56	999.63
1970	Wet	62.60	5.30	75.09	137.31	113.10	121.40	12.37	12.78	32.60	121.99	121.99	62.81	879.34
1971	Wet	48.54	93.72	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	52.40	5.30	128.55	58.73	30.92	42.62	21.00	13.00	29.05	121.99	121.99	118.05	743.60
1973	Above Normal	66.70	118.05	67.22	52.83	72.16	75.08	14.71	12.78	50.27	121.67	121.99	88.73	862.19
1974	Wet	98.37	118.05	80.60	77.29	64.82	92.42	16.96	12.78	60.63	121.99	121.99	118.05	983.95
1975	Wet	79.82	5.30	130.26	61.86	53.26	102.34	15.65	12.78	66.37	121.99	121.99	118.05	889.67
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	58.61	25.82	21.50	32.20	11.49	5.48	5.30	10.18	4.64	5.48	5.48	24.24	210.42
1978	Above Normal	5.48	29.68	53.44	52.59	71.47	81.08	24.02	20.48	73.21	121.99	121.99	118.05	773.48
1979	Below Normal	57.69	27.77	129.85	71.62	87.34	87.09	15.27	20.39	34.56	121.99	121.99	83.71	859.27
1980	Above Normal	98.75	55.94	129.13	77.56	88.62	81.92	15.54	16.53	77.64	98.94	69.06	55.44	865.07
1981	Dry	67.57	6.77	128.82	61.92	55.99	45.14	20.04	16.40	29.13	121.99	86.29	118.05	758.11
1982	Wet	60.61	118.05	66.88	70.27	130.19	135.28	108.25	37.51	83.05	121.99	121.99	118.05	1,172.12
1983	Wet	121.99	70.19	85.97	74.11	64.95	62.92	40.64	37.00	57.12	55.67	94.44	65.00	830.00
1984	Wet	117.81	107.79	123.39	122.72	115.92	119.30	14.79	12.78	35.88	121.70	121.99	102.84	1,116.91
1985	Dry	71.57	118.05	128.44	61.82	58.34	53.45	19.52	16.35	29.57	121.99	60.33	118.05	857.48
1986	Wet	83.39	96.26	78.05	38.95	105.40	138.07	26.55	22.76	67.49	121.99	97.68	98.17	974.76
1987	Dry	65.75	5.30	129.24	60.19	55.42	42.94	9.73	32.75	28.82	70.75	13.77	38.53	553.19
1988	Critical	8.39	14.99	60.60	42.64	5.14	30.18	17.99	17.75	5.30	90.61	5.48	22.31	321.38
1989	Dry	5.48	51.97	56.10	57.92	13.50	22.04	19.97	14.89	41.62	121.99	95.25	118.05	618.78
1990	Critical	60.98	40.70	59.90	56.26	35.63	18.67	5.30	16.70	4.25	121.99	5.48	32.23	458.09
1991	Critical	6.83	8.93	23.50	5.48	20.97	23.30	18.05	15.64	37.06	114.46	5.48	10.83	290.53
1992	Critical	12.97	9.25	25.33	24.41	28.97	43.69	12.37	12.78	25.54	5.48	5.48	37.69	243.96
1993	Above Normal	35.15	8.72	62.55	57.30	68.20	71.88	12.37	12.78	70.04	121.99	121.99	118.05	761.02
1994	Critical	64.29	5.30	127.55	58.43	54.59	42.35	16.33	18.73	4.31	121.99	21.59	57.38	592.84
1995	Wet	16.94	34.54	63.00	54.61	59.88	138.07	25.00	47.11	101.23	121.99	121.99	118.05	902.41
1996	Wet	39.74	22.01	68.92	51.39	133.90	121.78	17.77	17.02	59.25	121.99	121.99	118.05	893.81
1997	Wet	27.50	9.37	140.22	155.23	140.20	127.89	12.37	12.78	49.02	121.99	121.99	118.05	1,036.61
1998	Wet	37.72	13.65	128.71	54.85	140.20	138.07	29.73	32.99	118.05	121.99	121.99	118.05	1,056.00
1999	Wet	121.99	118.05	73.81	74.66	116.75	90.59	15.02	12.78	50.64	121.99	121.99	54.58	972.85
2000	Above Normal	40.79	5.30	127.64	40.53	87.15	103.25	14.61	12.78	44.23	113.86	121.99	118.05	830.18
2001	Dry	42.15	5.30	124.13	63.26	50.31	54.30	17.71	13.38	28.58	84.82	8.54	54.77	547.25
2002	Dry	5.48	56.92	71.48	48.37	61.80	47.55	13.07	12.78	29.55	121.99	27.85	117.43	614.27
2003	Above Normal	5.48	30.21	68.68	41.64	54.84	61.24	12.37	12.78	44.44	121.99	121.99	118.05	693.71
	Average	55.81	46.95	88.85	64.09	65.36	71.63	18.42	17.94	43.40	109.13	91.69	92.95	766.23
	Wet	67.02	60.82	87.32	79.19	91.07	106.88	25.86	24.53	67.49	118.43	119.59	106.13	954.33
	Above Normal	51.31	41.18	102.25	59.17	63.89	78.59	15.73	14.11	57.29	115.46	117.58	109.35	825.91
	Below Normal	57.56	49.60	92.00	57.98	63.07	72.44	15.97	14.00	40.08	121.51	120.74	108.54	813.48
	Dry	47.45	45.28	96.29	58.70	48.06	44.18	15.01	16.16	24.60	117.08	63.66	93.21	669.69
	Critical	46.53	22.10	63.94	51.54	39.71	28.52	12.98	14.76	9.41	56.29	13.50	29.39	388.67

Difference in Energy Use (GWh) At Pumping Plant at SWP Banks: Alternative3_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	0.11	0.00	(0.91)	2.65	0.08	0.00	0.00	2.84	0.00	0.00	0.00	0.43
1924	Critical	23.57	0.35	39.82	(8.02)	0.00	0.03	0.00	0.00	0.00	(82.45)	0.00	(0.05)	(2.23)
1925	Dry	0.06	0.06	0.02	0.00	0.00	(0.03)	0.00	0.00	5.86	0.00	(2.37)	0.00	0.30
1926	Dry	(8.87)	(8.45)	(0.01)	0.00	0.00	0.00	0.00	(0.60)	0.01	0.00	22.48	(2.22)	0.20
1927	Wet	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1928	Above Normal	(0.02)	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.13)	0.00	0.00	(0.02)
1929	Critical	(0.08)	(0.02)	(0.02)	0.00	0.00	0.31	0.00	0.00	0.00	0.00	10.09	(0.11)	0.85
1930	Dry	0.14	(0.57)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1931	Critical	7.56	7.33	6.17	0.00	(0.01)	(0.02)	0.00	0.00	0.00	(22.16)	0.00	0.02	(0.09)
1932	Dry	0.01	0.01	0.00	0.00	0.32	0.03	0.00	0.00	0.00	0.00	43.97	8.81	4.43
1933	Critical	(19.35)	(13.38)	(0.03)	22.43	9.90	0.00	0.00	0.00	0.00	(9.09)	0.00	(0.30)	(0.82)
1934	Critical	1.49	(2.60)	(0.88)	0.28	0.31	0.01	0.00	0.00	0.00	0.00	0.00	0.03	(0.11)
1935	Below Normal	11.32	0.11	2.92	0.00	(0.01)	0.00	0.00	0.00	0.03	0.00	0.00	0.00	1.20
1936	Below Normal	11.23	7.51	(0.01)	0.00	(2.34)	(1.88)	0.00	0.00	0.00	0.00	0.00	22.08	3.05
1937	Below Normal	0.31	(0.23)	(0.17)	(12.53)	0.00	1.85	(2.47)	(6.11)	8.57	0.00	18.29	(0.22)	0.61
1938	Wet	0.05	0.00	(19.41)	(19.95)	9.66	2.22	(4.35)	(66.69)	(4.50)	4.23	3.25	19.52	(6.33)
1939	Dry	2.33	0.00	(4.94)	0.00	0.00	0.00	0.20	(1.12)	0.00	0.00	(0.14)	0.00	(0.31)
1940	Above Normal	(6.57)	(0.14)	(0.80)	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)	(2.33)	0.00	0.00	(1.76)	(0.61)	0.00	0.00	0.00	(0.39)
1942	Wet	0.52	0.00	0.00	(5.71)	(1.64)	0.00	0.00	0.00	0.00	0.00	0.00	8.44	0.13
1943	Wet	(0.05)	0.00	0.00	(19.90)	(1.01)	0.00	(0.41)	(0.42)	(6.55)	0.00	0.00	(0.04)	(2.37)
1944	Dry	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.33	0.08	0.20
1945	Below Normal	0.00	0.00	0.00	0.00	(6.60)	(6.32)	(0.01)	0.00	(0.01)	0.00	0.00	0.94	(1.00)
1946	Below Normal	0.36	2.41	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	(0.78)	0.19
1947	Dry	0.02	0.01	(0.06)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.01
1948	Below Normal	0.11	0.00	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1949	Dry	0.07	0.07	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)	0.00	0.00
1950	Below Normal	(0.90)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	(0.08)
1951	Above Normal	0.01	0.00	(0.53)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1952	Wet	0.00	0.02	0.00	(0.63)	0.17	0.00	(2.65)	(6.58)	(13.60)	0.00	0.00	9.67	(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	0.02	(2.25)	(0.16)
1956	Wet	0.03	0.01	(15.67)	0.00	(0.02)	0.01	0.00	0.00	0.00	0.00	0.00	0.51	(1.26)
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	(0.02)	0.00	0.00	0.00	0.00	(3.20)	(5.15)	(4.09)	0.00	0.00	0.00	(1.04)
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	(2.48)	0.01	0.00	0.00	0.00	0.00	0.00	(0.21)
1960	Dry	(0.36)	(1.05)	(0.41)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.78	0.00	(0.09)
1961	Dry	1.52	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.12
1962	Below Normal	0.01	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.02	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.01
1965	Wet	0.22	0.00	0.00	(1.19)	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.03	(0.08)
1966	Below Normal	0.02	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.44	0.00	0.00	0.00	0.00	(0.01)	(2.73)	(5.28)	(7.17)	0.00	0.00	0.00	(1.23)
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	(4.91)	0.44	0.00	(9.41)	14.74	3.90	(4.78)	4.03	(0.52)	(0.52)	(0.51)	(0.40)	0.17
1970	Wet	(0.25)	0.00	0.00	(0.76)	2.99	(0.04)	0.00	0.00	0.00	0.00	0.00	(1.34)	0.05
1971	Wet	0.01	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	0.00
1974	Wet	(0.45)	0.00	0.00	(3.53)	0.00	(17.45)	(0.04)	0.00	(0.02)	0.00	0.00	9.63	(0.99)
1975	Wet	(0.05)	0.00	0.00	0.00	0.00	(0.38)	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	(0.30)	0.02	0.06	(0.17)	(0.01)	0.00	0.00	0.00	0.02	0.00	0.00	0.01	(0.03)
1978	Above Normal	0.00	(0.18)	0.09	0.00	(6.15)	(9.39)	(5.82)	(6.11)	(21.27)	0.00	0.00	0.00	(4.07)
1979	Below Normal	(0.20)	(0.10)	0.00	0.00	(0.78)	(1.57)	0.00	0.00	0.00	0.00	0.00	15.45	1.07
1980	Above Normal	14.52	2.73	0.00	(33.74)	6.40	3.92	0.00	0.00	(1.00)	(23.05)	(22.88)	49.43	(0.31)
1981	Dry	(1.08)	0.15	0.00	0.00	0.00	(8.24)	0.00	(0.01)	0.00	0.00	0.07	0.00	(0.76)
1982	Wet	2.88	0.00	0.00	0.00	(1.02)	3.21	0.00	(6.69)	(9.07)	0.00	0.00	0.00	(0.89)
1983	Wet	9.75	5.08	0.65	0.00	0.02	(0.26)	0.00	0.00	0.00	0.00	0.00	0.00	1.27
1984	Wet	0.00	0.00	(0.06)	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00
1986	Wet	(0.01)	0.00	0.00	0.00	(33.79)	17.54	(0.42)	(3.44)	(1.53)	0.00	22.89	(19.88)	(1.55)
1987	Dry	0.09	0.00	0.00	0.00	0.00	0.00	0.02	(0.01)	0.00	(3.05)	0.02	0.01	(0.24)
1988	Critical	(0.03)	(0.01)	0.00	0.00	0.01	0.04	0.00	0.00	0.00	0.19	0.00	0.01	0.02
1989	Dry	0.00	0.00	(0.08)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.75)	0.00	(0.15)
1990	Critical	0.39	(0.03)	0.68	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
1991	Critical	(0.02)	0.01	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.47	0.00	(0.04)	0.03
1992	Critical	(0.06)	(0.04)	0.03	(0.17)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1993	Above Normal	0.00	(0.01)	(0.01)	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1995	Wet	0.00	0.02	(0.01)	(0.03)	0.00	0.00	(3.89)	(65.69)	(16.82)	0.00	0.00	0.00	(7.20)
1996	Wet	(0.05)	(0.05)	0.00	0.00	(0.07)	(4.29)	0.00	(0.04)	0.00	0.00	0.00	0.00	(0.37)
1997	Wet	(0.04)	(0.43)	0.00	0.00	0.00	(4.14)	0.00	(1.08)	(1.74)	11.85	0.00	0.00	0.37
1998	Wet	(0.04)	(0.09)	0.00	(0.05)	0.00	0.00	(2.56)	(5.04)	0.00	0.00	0.00	0.00	(0.65)
1999	Wet	0.00	0.00	0.00	0.00	(2.72)	0.00	0.00	0.00	0.00	0.00	0.00	(2.38)	(0.43)
2000	Above Normal	0.01	0.00	0.00	0.00	(1.04)	(0.82)	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.15)
2001	Dry	(0.04)	0.00	(5.03)	0.00	0.00	0.00	0.00	0.00	0.00	3.57	(0.11)	0.02	(0.13)
2002	Dry	0.00	(0.02)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	1.36	0.11
2003	Above Normal	0.00	(0.18)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
	Average	0.53	(0.01)	0.05	(1.25)	(0.15)	(0.29)	(0.40)	(2.17)	(0.87)	(1.47)	1.18	1.42	(0.29)
	Wet	0.23	0.19	(1.33)	(2.67)	(0.58)	0.01	(0.96)	(6.30)	(2.55)	0.60	0.99	0.91	(0.95)
	Above Normal	0.67	0.18	(0.10)	(2.80)	(0.06)	(0.51)	(0.48)	(0.51)	(1.86)	(1.93)	(1.91)	4.12	(0.43)
	Below Normal	1.53	0.70	0.35	(0.96)	(0.48)	(0.74)	(0.18)	(0.44)	0.82	0.00	1.31	2.68	0.38
	Dry	(0.32)	(0.55)	(0.59)	0.00	0.02	(0.46)	0.01	(0.10)	0.33	0.03	3.64	0.32	0.19
	Critical	1.14	(0.70)	3.82	1.20	0.85	0.03	0.00	0.00	0.00	(9.47)	0.84	(0.04)	(0.19)

Percent Difference in Energy Use (GWh) At Pumping Plant at SWP Banks: Alternative3_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%	77%	-14%	0%	1%	0%	0%	0%	-76%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	17%	0%	-4%	0%
1926	Dry	-16%	-18%	0%	0%	0%	0%	0%	-4%	0%	0%	37%	-4%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	184%	-1%
1930	Dry	1%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	22%	26%	25%	0%	0%	0%	0%	0%	0%	-33%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	56%	21%
1933	Critical	-49%	-40%	0%	46%	12%	0%	0%	0%	0%	-32%	0%	-3%
1934	Critical	8%	-13%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	43%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	19%	15%	0%	0%	-2%	-1%	0%	0%	0%	0%	0%	23%
1937	Below Normal	0%	0%	0%	-14%	0%	2%	-12%	-27%	11%	0%	21%	0%
1938	Wet	0%	0%	-17%	-14%	9%	2%	-10%	-59%	-4%	4%	3%	24%
1939	Dry	4%	0%	-5%	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%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	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%	-8%	-14%	-4%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%
1960	Dry	-1%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1961	Dry	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	1%	0%	0%	0%	0%	0%	-8%	-15%	-6%	0%	0%	0%
1968	Below Normal	-1%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	-7%	1%	0%	-12%	24%	6%	-10%	5%	-1%	-1%	0%	-1%
1970	Wet	0%	0%	0%	-1%	3%	0%	0%	0%	0%	0%	0%	-2%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	-4%	0%	-16%	0%	0%	0%	0%	0%	9%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1977	Critical	-1%	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%	8%	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%	-3%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	-4%	0%	0%	0%	-3%	0%	-8%	-3%	11%	0%	0%
1998	Wet	0%	-1%	0%	0%	0%	0%	-8%	-13%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	-4%
2000	Above Normal	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-4%	0%	0%	0%	0%	0%	0%	4%	-1%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	1%	0%	1%	-1%	0%	0%	-1%	-3%	-1%	-2%	4%	11%
	Wet	0%	0%	-1%	-3%	0%	0%	-3%	-8%	-3%	1%	1%	1%
	Above Normal	0%	0%	0%	-3%	0%	0%	-2%	-2%	-2%	-2%	-2%	69%
	Below Normal	4%	1%	0%	-1%	-1%	-1%	-1%	-2%	1%	0%	2%	3%
	Dry	0%	-1%	-1%	0%	0%	-1%	0%	-1%	1%	0%	5%	1%
	Critical	1%	-2%	9%	3%	1%	0%	0%	0%	0%	-12%	15%	0%

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

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

Energy Use (GWh) At Pumping Plant at SWP Dos Amigos: Alternative3_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	48.29	48.78	49.44	34.19	412.88
1923	Below Normal	31.83	36.11	22.94	35.49	35.10	39.26	32.14	21.40	20.32	52.01	49.31	34.59	410.50
1924	Critical	35.04	23.80	20.71	16.51	16.39	12.08	15.52	20.18	22.21	17.15	1.62	4.39	205.60
1925	Dry	18.59	22.98	29.37	5.78	6.90	9.76	22.05	28.80	38.31	42.97	44.40	25.22	295.13
1926	Dry	17.65	15.24	12.67	7.52	8.46	12.67	18.51	32.47	39.53	49.26	48.74	28.05	290.77
1927	Wet	12.31	23.51	19.18	7.37	10.62	25.23	31.03	35.47	38.25	46.06	46.60	33.81	329.44
1928	Above Normal	28.60	34.38	23.42	28.31	28.32	17.76	31.13	35.47	25.26	48.86	48.84	35.84	386.19
1929	Critical	30.29	35.36	24.66	25.97	24.77	15.10	14.75	19.37	13.16	1.61	6.03	5.81	216.88
1930	Dry	9.28	7.64	26.85	5.43	6.64	8.91	19.77	25.74	19.93	41.38	41.36	24.77	237.70
1931	Critical	16.70	14.20	11.69	6.59	7.49	8.67	15.09	19.55	26.46	25.64	1.49	3.40	156.97
1932	Dry	7.99	12.01	29.64	5.40	7.26	11.01	20.51	26.67	35.52	39.90	35.75	27.50	259.16
1933	Critical	16.22	13.94	11.51	6.87	7.66	9.07	16.91	22.07	30.18	33.88	26.37	8.95	203.63
1934	Critical	9.13	8.30	12.12	5.38	6.36	9.03	17.84	23.23	31.56	29.26	1.73	3.91	157.85
1935	Below Normal	16.70	25.69	29.89	5.61	7.32	10.34	26.39	30.23	17.33	55.99	55.02	37.84	318.35
1936	Below Normal	32.48	23.80	19.83	7.23	9.45	24.54	33.28	38.15	48.00	48.36	48.94	35.23	369.29
1937	Below Normal	37.64	26.43	24.40	29.66	31.17	50.82	31.31	34.69	46.22	50.75	57.36	35.49	455.94
1938	Wet	29.32	25.88	23.98	35.18	50.25	53.89	26.16	33.29	45.10	49.65	50.36	34.22	457.28
1939	Dry	32.84	37.18	23.19	34.69	34.05	37.69	26.99	33.89	33.46	51.88	45.36	34.59	425.81
1940	Above Normal	25.91	12.56	27.20	4.09	5.29	13.27	25.49	34.16	41.68	52.04	46.75	30.71	319.15
1941	Wet	23.57	25.62	15.92	11.32	15.60	33.96	26.73	30.10	40.27	44.84	45.47	31.32	344.72
1942	Wet	35.02	26.51	20.37	35.62	35.48	39.84	34.42	34.62	44.30	44.73	45.33	31.88	428.12
1943	Wet	33.61	31.24	21.50	29.64	34.75	33.88	34.98	35.10	46.27	50.80	51.44	36.08	439.29
1944	Dry	38.01	33.50	24.62	21.91	20.69	14.14	19.93	26.09	34.65	38.47	38.44	22.29	332.74
1945	Below Normal	14.80	12.47	10.33	7.06	8.10	42.39	30.01	36.29	45.69	46.03	46.54	42.09	341.80
1946	Below Normal	30.24	25.01	31.29	32.44	26.00	27.71	30.07	34.70	43.77	44.14	44.75	40.16	410.28
1947	Dry	29.26	23.80	21.90	29.28	28.59	18.72	29.19	35.52	46.02	49.25	54.70	31.86	398.09
1948	Below Normal	24.67	21.65	19.02	16.49	15.94	10.76	16.60	26.18	19.64	49.80	45.14	30.95	296.84
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	25.02	22.00	19.49	7.76	8.10	9.40	23.34	30.46	17.57	50.74	45.75	30.83	290.46
1951	Above Normal	28.55	18.30	17.48	50.62	47.00	52.39	28.01	35.70	45.12	45.44	46.06	32.99	447.66
1952	Wet	30.82	32.28	22.16	34.81	35.48	27.39	21.73	27.92	37.47	42.08	42.69	29.30	384.13
1953	Wet	28.46	33.59	37.85	35.65	34.99	36.92	28.97	32.01	41.09	42.88	41.91	29.21	423.53
1954	Above Normal	26.66	24.26	18.46	22.98	23.65	23.65	25.91	34.01	45.53	49.85	46.28	30.19	371.43
1955	Dry	23.84	23.41	15.58	7.72	9.49	12.55	21.53	28.20	37.47	42.08	45.74	24.72	292.33
1956	Wet	17.27	14.89	12.37	31.17	48.91	53.00	32.24	39.40	50.13	50.52	51.22	36.40	437.52
1957	Above Normal	36.34	35.72	25.07	33.52	32.23	21.88	21.54	23.17	11.91	50.12	44.85	29.68	366.03
1958	Wet	21.08	22.47	15.12	6.65	17.69	43.09	33.74	41.72	50.01	54.57	55.31	38.26	399.71
1959	Below Normal	31.81	45.08	25.91	34.11	33.45	34.21	24.01	31.33	27.10	50.26	45.22	30.25	412.74
1960	Dry	27.52	18.84	15.64	6.57	7.02	9.68	27.76	35.77	40.51	54.13	49.09	34.88	327.41
1961	Dry	25.80	22.56	19.01	9.24	9.97	9.66	23.24	30.30	40.37	45.23	45.14	19.32	299.84
1962	Below Normal	6.79	21.70	24.17	4.07	4.96	12.43	23.53	30.98	19.60	51.20	46.19	31.21	276.83
1963	Wet	22.42	19.47	16.20	14.93	17.85	23.89	29.58	34.31	43.27	43.62	44.23	31.70	341.47
1964	Dry	26.51	23.50	40.98	26.22	19.59	20.38	31.51	35.39	44.56	44.90	53.45	32.69	399.68
1965	Wet	27.50	24.36	22.47	28.65	31.01	25.17	28.69	32.80	40.49	42.74	42.54	30.27	376.69
1966	Below Normal	36.23	23.82	20.08	30.98	32.93	25.76	25.11	32.65	42.18	50.05	44.46	29.11	393.36
1967	Wet	28.29	18.29	9.24	8.81	14.05	19.50	32.38	33.56	44.21	48.70	49.34	34.69	341.06
1968	Below Normal	28.89	43.20	23.59	34.98	35.98	36.40	29.39	32.21	42.57	46.36	43.14	28.79	425.50
1969	Wet	27.72	18.82	16.26	19.63	27.26	31.51	23.68	29.90	40.03	52.21	52.38	33.24	372.64
1970	Wet	32.34	22.50	19.79	53.81	50.00	53.37	28.74	35.65	45.02	45.34	45.94	37.22	469.72
1971	Wet	33.35	25.57	22.57	34.79	34.14	27.97	23.90	31.87	42.14	48.33	43.44	28.18	396.25
1972	Below Normal	25.71	17.63	14.44	7.59	15.21	21.74	26.17	33.35	44.26	48.79	44.71	29.57	329.17
1973	Above Normal	29.01	18.93	16.15	10.96	22.03	28.93	29.09	36.51	46.04	46.29	46.88	33.67	364.49
1974	Wet	28.34	25.14	23.19	35.11	35.19	35.58	34.03	36.81	47.09	47.44	48.10	33.93	429.95
1975	Wet	28.27	40.10	23.05	33.46	32.74	33.61	31.95	35.95	45.27	45.53	46.05	33.17	429.15
1976	Critical	27.87	35.73	22.83	28.95	28.57	18.56	24.10	31.63	29.39	52.26	38.41	32.19	370.49
1977	Critical	23.24	20.28	16.79	6.57	7.07	7.40	8.41	3.84	1.44	3.75	1.51	10.30	110.60
1978	Above Normal	2.36	13.27	24.06	3.97	7.59	19.87	22.14	19.95	37.50	44.38	43.53	30.43	269.05
1979	Below Normal	30.70	31.12	19.55	23.40	23.23	28.90	31.23	35.60	45.14	45.43	45.94	42.48	402.72
1980	Above Normal	27.34	24.19	22.35	29.10	35.55	35.08	21.12	29.42	43.10	52.70	50.38	31.70	402.03
1981	Dry	26.05	22.89	21.03	33.71	33.47	27.64	24.17	32.28	28.22	51.63	50.12	32.10	383.31
1982	Wet	23.09	20.14	16.71	13.90	17.50	52.90	47.06	39.40	52.09	53.52	54.26	37.37	427.94
1983	Wet	30.92	47.90	38.19	31.79	27.65	26.95	16.95	14.19	22.78	39.16	39.62	26.94	363.04
1984	Wet	44.71	47.68	55.09	54.35	51.25	52.37	28.18	35.98	45.33	45.74	46.36	33.29	540.33
1985	Dry	27.93	24.80	31.84	31.31	30.92	30.43	29.49	33.95	42.80	43.06	51.97	31.31	409.81
1986	Wet	26.21	23.25	21.40	27.27	25.77	30.43	32.43	37.97	47.78	48.48	60.54	35.00	416.53
1987	Dry	29.28	26.64	23.75	33.54	32.17	17.97	16.49	21.53	29.13	35.59	25.37	16.66	308.12
1988	Critical	9.09	6.78	6.00	4.11	6.35	6.96	11.89	15.26	20.31	21.76	17.74	11.81	138.06
1989	Dry	6.01	4.66	4.23	2.92	5.58	6.95	26.57	35.26	40.53	54.10	51.71	33.15	271.67
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	4.62	4.77	3.41	5.10	6.58	11.90	15.19	20.09	12.68	1.45	15.99	108.54
1993	Above Normal	15.79	4.04	18.53	4.23	14.19	20.81	27.82	33.41	35.80	47.21	45.32	31.52	298.67
1994	Critical	28.43	28.26	19.39	19.93	19.43	15.96	22.17	28.83	35.21	43.98	33.40	26.34	321.33
1995	Wet	7.44	16.03	28.66	4.03	12.45	16.67	34.28	39.76	50.39	51.47	52.13	36.63	349.94
1996	Wet	36.15	37.32	25.07	18.75	22.72	25.90	31.62	35.54	44.79	45.13	45.72	32.83	401.54
1997	Wet	40.20	24.45	22.53	34.88	34.79	47.12	30.50	36.38	46.84	47.31	47.96	33.39	446.35
1998	Wet	35.79	29.97	22.44	33.25	35.04	35.88	30.77	36.21	46.99	47.59	48.21	33.20	435.34
1999	Wet	41.46	52.44	32.53	35.41	49.38	39.12	29.26	35.74	45.09	45.55	46.19	39.31	491.48
2000	Above Normal	30.73	24.75	22.69	30.41	30.07	23.92	26.72	34.48	45.75	50.77	46.27	30.56	397.12
2001	Dry	26.47	24.54	16.54	9.97	10.04	9.91	17.35	22.83	31.01	40.16	27.14	17.72	253.68
2002	Dry	9.71	7.30	6.37	3.94	8.26	12.97	31.84	35.56	44.52	44.92	51.73	32.85	289.97
2003	Above Normal	27.67	19.38	27.89	6.04	9.28	13.11	22.14	28.97	19.92	47.40	42.71	28.85	293.36
	Average	25.38	24.07	21.12	19.99	21.81	24.39	25.63	30.63	36.73	44.05	42.11	29.06	344.97
	Wet	28.68	28.05	23.22	27.32	30.87	35.58	30.15	34.29	43.94	47.08	47.82	33.49	410.51
	Above Normal	26.51	23.27	22.53	19.55	22.44	24.46	26.09	31.88	37.16	48.65	46.44	31.69	360.67
	Below Normal	26.68	26.84	21.78	19.78	20.50	26.76	27.33	32.02	34.24	49.28	47.32	34.19	366.70
	Dry	22.73	20.61	21.07	15.71	15.98	15.66	24.25	30.87	37.35	45.41	45.39	27.87	322.90
	Critical	19.56	18.18	14.44	11.25	11.85	10.41	15.47	19.44	22.67	24.78	14.37	12.62	195.03

Difference in Energy Use (GWh) At Pumping Plant at SWP Dos Amigos: Alternative3_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	4.78	4.91	5.02	2.64	2.23
1923	Below Normal	2.72	0.79	1.57	0.64	0.74	5.61	7.38	(10.89)	(22.54)	4.67	5.77	5.87	0.19
1924	Critical	5.69	5.42	4.99	5.24	4.98	2.02	1.87	2.58	(1.51)	(11.06)	(19.08)	(9.15)	(0.67)
1925	Dry	11.54	17.65	24.57	2.31	1.52	(10.75)	(1.32)	(4.91)	(6.71)	(7.55)	(7.74)	(4.40)	1.18
1926	Dry	(3.43)	(3.02)	(2.60)	0.65	0.22	0.84	1.03	3.21	0.68	5.75	5.82	2.35	0.96
1927	Wet	(5.78)	7.91	6.22	0.73	(0.67)	(0.07)	(0.67)	(0.79)	(7.39)	0.09	0.11	0.36	0.00
1928	Above Normal	0.43	0.19	0.35	(0.63)	(0.52)	(0.21)	(0.21)	0.05	(19.11)	4.01	3.75	3.26	(0.72)
1929	Critical	2.99	2.76	2.37	(0.19)	0.14	1.18	3.24	3.16	(8.38)	(21.33)	(12.79)	(6.45)	(2.78)
1930	Dry	2.75	2.62	22.31	2.29	0.51	0.60	0.43	0.52	(13.94)	4.24	4.45	3.68	2.54
1931	Critical	3.29	3.15	2.56	1.20	0.89	0.87	(0.42)	(0.57)	(0.74)	(5.99)	(22.30)	(11.96)	(2.50)
1932	Dry	(0.07)	5.69	24.04	1.05	0.05	0.68	0.70	0.90	1.12	1.49	(2.51)	5.23	3.20
1933	Critical	1.12	1.10	0.92	0.99	0.53	(0.52)	(0.50)	(1.54)	(1.93)	(2.55)	(2.57)	(9.85)	(1.23)
1934	Critical	(1.82)	(0.13)	5.20	0.43	0.63	0.88	1.31	1.77	2.43	(5.02)	(11.18)	0.52	(0.42)
1935	Below Normal	4.87	6.42	14.95	0.90	0.44	0.49	0.75	(3.61)	(18.47)	3.27	7.59	6.34	2.00
1936	Below Normal	4.78	4.17	3.46	0.09	(0.10)	(11.47)	3.25	0.46	0.59	0.59	0.61	(7.42)	(0.08)
1937	Below Normal	8.26	0.35	0.33	0.24	(15.43)	0.86	0.15	0.37	0.74	0.77	0.87	0.29	(0.18)
1938	Wet	0.13	0.09	0.09	(13.47)	0.23	1.02	0.77	(7.56)	(5.78)	(5.32)	(6.34)	(0.47)	(3.05)
1939	Dry	(1.37)	3.99	(0.38)	(0.26)	(0.29)	(0.89)	(1.84)	0.52	2.32	0.03	(0.88)	0.18	0.09
1940	Above Normal	0.25	(3.67)	2.12	(0.95)	(0.84)	(0.27)	(0.01)	(0.01)	(0.05)	(0.02)	(0.01)	0.00	(0.29)
1941	Wet	0.05	0.45	(0.01)	0.01	0.00	(1.02)	0.00	0.00	0.00	0.01	0.00	0.00	(0.04)
1942	Wet	(0.12)	(0.16)	0.00	(0.01)	(0.03)	(0.18)	(0.09)	(0.24)	(0.38)	(0.38)	(0.38)	(0.21)	(0.18)
1943	Wet	(0.15)	(0.20)	(0.13)	0.17	(0.11)	0.36	0.36	(0.22)	(0.39)	(0.40)	(0.42)	(0.20)	(0.11)
1944	Dry	(0.12)	(0.21)	(0.10)	(3.12)	(2.81)	(0.95)	(0.07)	(0.08)	(0.08)	(0.13)	(0.32)	(0.12)	(0.68)
1945	Below Normal	(0.15)	(0.15)	(0.13)	(0.04)	(0.02)	(4.52)	0.03	0.04	0.05	0.04	0.05	(0.40)	(0.43)
1946	Below Normal	0.11	0.03	0.30	0.00	0.00	0.09	0.12	0.15	0.19	0.19	0.20	0.50	0.16
1947	Dry	(0.51)	0.11	0.10	0.17	0.03	(0.03)	(0.09)	0.01	0.07	0.18	0.13	(0.03)	0.01
1948	Below Normal	(0.10)	(0.10)	(0.12)	(0.41)	(0.37)	(0.13)	0.02	0.47	(0.01)	0.09	0.09	0.04	(0.04)
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	(0.03)	(0.03)	(0.03)	(0.27)	(0.24)	(0.08)	(0.01)	(0.01)	(0.03)	0.02	0.01	(0.02)	(0.06)
1951	Above Normal	(0.03)	0.00	(0.23)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.17)	(1.23)	(1.27)	(1.41)	(1.14)	(0.52)
1953	Wet	(0.33)	(1.50)	2.05	(0.37)	(0.43)	(2.58)	(4.54)	(0.19)	(0.14)	(0.50)	(0.13)	0.12	(0.71)
1954	Above Normal	0.32	(0.05)	0.41	1.31	1.24	1.01	0.18	0.25	1.06	0.09	0.26	0.13	0.52
1955	Dry	0.03	0.25	0.08	0.07	0.00	(0.03)	(0.16)	(0.22)	(0.29)	(0.34)	(0.32)	(0.19)	(0.09)
1956	Wet	(0.15)	(0.13)	(0.11)	(6.94)	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	(0.60)
1957	Above Normal	0.02	0.02	0.02	0.00	(0.01)	(0.02)	0.01	0.07	0.00	(0.11)	(0.06)	0.04	0.00
1958	Wet	0.06	0.06	0.05	0.00	0.00	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1959	Below Normal	0.00	(0.53)	0.00	0.00	(0.03)	(0.93)	(0.59)	(0.79)	(4.39)	(0.52)	(0.45)	(0.10)	(0.69)
1960	Dry	(0.10)	(0.03)	(0.06)	(0.09)	(0.09)	0.06	0.11	0.01	0.83	(0.36)	0.73	(0.46)	0.05
1961	Dry	(0.24)	(0.21)	(0.12)	0.44	0.39	0.16	0.05	0.06	0.09	0.11	0.28	0.00	0.08
1962	Below Normal	(0.01)	0.01	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1964	Dry	0.00	0.00	(0.09)	0.00	0.00	0.05	(0.01)	(0.02)	(0.02)	(0.02)	0.00	(0.01)	(0.01)
1965	Wet	(0.01)	(0.01)	(0.01)	0.10	0.05	(0.19)	(0.02)	0.03	(0.32)	0.18	0.12	0.07	0.00
1966	Below Normal	0.03	(0.62)	0.02	(0.17)	(0.17)	(0.08)	0.00	0.01	(0.01)	0.02	0.01	0.00	(0.08)
1967	Wet	(0.17)	0.00	(0.01)	(0.03)	(0.01)	0.00	0.01	(0.08)	(0.13)	(0.14)	(0.13)	(0.07)	(0.06)
1968	Below Normal	(0.06)	(0.05)	(1.08)	(0.07)	(0.07)	(0.85)	0.59	0.04	0.34	0.91	0.31	(0.11)	(0.01)
1969	Wet	(0.49)	(0.47)	(0.58)	(5.01)	0.85	(0.02)	(0.18)	(0.20)	(0.24)	0.00	0.00	(0.19)	(0.54)
1970	Wet	(0.12)	(0.16)	(0.15)	0.00	1.38	(0.02)	(0.51)	0.10	0.14	0.14	0.13	0.41	0.11
1971	Wet	0.22	(0.36)	0.08	0.00	0.00	(0.07)	(0.08)	(0.11)	(0.64)	(0.07)	(0.07)	(0.01)	(0.09)
1972	Below Normal	0.02	(0.04)	0.00	0.03	0.04	0.01	(0.01)	(0.02)	(0.02)	(0.03)	(0.02)	(0.01)	0.00
1973	Above Normal	0.01	0.00	0.00	0.05	0.04	0.08	(0.07)	0.01	0.01	0.01	0.01	0.01	0.01
1974	Wet	0.00	0.01	0.01	0.00	(0.02)	(1.47)	1.06	(0.64)	(1.00)	(1.02)	(1.03)	(0.56)	(0.39)
1975	Wet	(0.42)	(0.83)	(0.35)	(0.63)	(0.30)	(1.01)	0.31	0.35	0.45	0.45	0.46	0.33	(0.10)
1976	Critical	0.30	0.36	0.25	0.27	0.20	0.03	(0.13)	(0.18)	(0.21)	0.00	(0.31)	(0.24)	0.03
1977	Critical	(0.19)	(0.17)	(0.15)	(0.02)	(0.01)	(0.01)	0.64	0.00	0.00	0.00	(0.01)	(0.01)	0.01
1978	Above Normal	0.00	(0.08)	0.06	0.00	0.01	(0.57)	(0.63)	0.07	0.68	1.89	0.58	(0.25)	0.15
1979	Below Normal	(0.94)	(1.95)	(1.28)	(4.68)	(7.75)	(9.30)	2.62	(0.07)	(0.22)	(0.25)	(0.25)	0.00	(2.01)
1980	Above Normal	0.05	0.06	0.06	(1.15)	(0.04)	1.82	(1.48)	(1.16)	(1.28)	9.39	(10.40)	(2.56)	(0.56)
1981	Dry	(1.04)	(0.87)	(0.75)	0.29	(0.28)	2.91	0.54	0.78	4.37	0.50	(0.84)	0.37	0.50
1982	Wet	0.28	0.24	0.22	0.07	0.07	(0.02)	0.00	0.01	(0.74)	0.14	0.15	0.13	0.05
1983	Wet	(5.90)	6.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1984	Wet	(3.47)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.29)
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(7.55)	1.71	0.02	0.02	0.02	(0.72)	0.02	(0.54)
1987	Dry	0.02	0.82	0.01	0.01	0.01	0.01	(0.55)	(0.76)	(1.07)	(1.20)	(0.94)	(0.58)	(0.35)
1988	Critical	(0.38)	(0.30)	(0.22)	(0.09)	(0.04)	(0.02)	0.00	0.00	0.00	(0.06)	0.00	0.00	(0.09)
1989	Dry	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.03)	(0.03)	(0.17)	(0.02)	(0.79)	0.23	(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	(0.25)	0.18	0.10	0.00	0.00	(0.01)	0.00	0.00	(0.34)	(0.21)	0.06	(0.04)
1993	Above Normal	0.03	0.02	0.41	0.00	(0.02)	(0.07)	(0.02)	0.01	(0.24)	0.12	0.08	0.05	0.03
1994	Critical	0.02	(0.05)	0.00	(0.13)	(0.12)	(0.05)	0.00	0.00	0.04	0.00	0.02	0.00	(0.02)
1995	Wet	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.27)	0.04	0.05	0.04	(0.01)
1996	Wet	0.05	(0.94)	0.04	(13.83)	(11.17)	(5.28)	(0.62)	(0.75)	(1.04)	(1.05)	(1.05)	(0.67)	(3.03)
1997	Wet	(0.47)	(0.50)	(0.49)	(0.07)	(0.06)	(0.39)	0.19	0.05	0.05	0.04	0.04	0.05	(0.13)
1998	Wet	4.48	(4.63)	0.04	0.15	0.00	(0.03)	(0.03)	(2.41)	(3.51)	(3.61)	(3.68)	(2.13)	(1.28)
1999	Wet	11.56	0.01	0.54	(0.38)	(0.24)	0.00	(1.21)	0.10	0.15	0.15	0.15	0.65	0.96
2000	Above Normal	0.44	(0.73)	0.07	0.12	0.16	(0.24)	(0.17)	(0.01)	0.11	0.34	0.09	(0.07)	0.01
2001	Dry	(0.23)	(0.21)	(0.26)	(0.86)	(0.76)	(0.21)	0.13	0.17	0.24	0.28	0.21	0.13	(0.11)
2002	Dry	0.09	0.06	0.05	0.01	0.02	(0.02)	(0.09)	(0.11)	(0.13)	(0.14)	(0.14)	(0.10)	(0.04)
2003	Above Normal	(0.09)	0.58	(0.73)	0.31	0.28	0.11	0.00	(0.01)	0.00	0.00	(0.01)	(0.01)	0.04
	Average	0.47	0.59	1.35	(0.37)	(0.33)	(0.48)	0.18	(0.25)	(1.26)	(0.31)	(0.87)	(0.32)	(0.13)
	Wet	(0.03)	0.19	0.29	(1.52)	(0.40)	(0.71)	(0.14)	(0.53)	(0.86)	(0.48)	(0.54)	(0.13)	(0.40)
	Above Normal	0.12	(0.31)	0.21	0.18	0.08	0.20	(0.05)	0.19	(1.17)	1.72	(0.06)	0.27	0.12
	Below Normal	1.39	0.59	1.28	(0.27)	(1.64)	(1.45)	1.02	(0.99)	(3.13)	0.70	1.06	0.36	(0.09)
	Dry	0.41	1.48	3.71	0.16	(0.08)	(0.42)	(0.07)	0.00	(0.70)	0.16	(0.16)	0.35	0.40
	Critical	0.94	1.01	1.35	0.65	0.60	0.37	0.50	0.41	(0.86)	(3.87)	(5.68)	(3.09)	(0.64)

Percent Difference in Energy Use (GWh) At Pumping Plant at SWP Dos Amigos: Alternative3_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%	11%	11%	11%	8%
1923	Below Normal	9%	2%	7%	2%	2%	17%	30%	-34%	-53%	10%	13%	20%
1924	Critical	19%	29%	32%	46%	44%	20%	14%	15%	-6%	-39%	-92%	-68%
1925	Dry	164%	331%	512%	67%	28%	-52%	-6%	-15%	-15%	-15%	-15%	-15%
1926	Dry	-16%	-17%	-17%	9%	3%	7%	6%	11%	2%	13%	14%	9%
1927	Wet	-32%	51%	48%	11%	-6%	0%	-2%	-2%	-16%	0%	0%	1%
1928	Above Normal	2%	1%	2%	-2%	-2%	-1%	-1%	0%	-43%	9%	8%	10%
1929	Critical	11%	8%	11%	-1%	1%	8%	28%	19%	-39%	-93%	-68%	-53%
1930	Dry	42%	52%	491%	73%	8%	7%	2%	2%	-41%	11%	12%	17%
1931	Critical	25%	29%	28%	22%	13%	11%	-3%	-3%	-3%	-19%	-94%	-78%
1932	Dry	-1%	90%	429%	24%	1%	7%	4%	3%	3%	4%	-7%	23%
1933	Critical	7%	9%	9%	17%	7%	-5%	-3%	-7%	-6%	-7%	-9%	-52%
1934	Critical	-17%	-2%	75%	9%	11%	11%	8%	8%	8%	-15%	-87%	15%
1935	Below Normal	41%	33%	100%	19%	6%	5%	3%	-11%	-52%	6%	16%	20%
1936	Below Normal	17%	21%	21%	1%	-1%	-32%	11%	1%	1%	1%	1%	-17%
1937	Below Normal	28%	1%	1%	1%	-33%	2%	0%	1%	2%	2%	2%	1%
1938	Wet	0%	0%	0%	-28%	0%	2%	3%	-19%	-11%	-10%	-11%	-1%
1939	Dry	-4%	12%	-2%	-1%	-1%	-2%	-6%	2%	7%	0%	-2%	1%
1940	Above Normal	1%	-23%	8%	-19%	-14%	-2%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	2%	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	-1%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%
1943	Wet	0%	-1%	-1%	1%	0%	1%	1%	-1%	-1%	-1%	-1%	-1%
1944	Dry	0%	-1%	0%	-12%	-12%	-6%	0%	0%	0%	0%	-1%	-1%
1945	Below Normal	-1%	-1%	-1%	-1%	0%	-10%	0%	0%	0%	0%	0%	-1%
1946	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1947	Dry	-2%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	-1%	-2%	-2%	-1%	0%	2%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-3%	-3%	-1%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	-4%	-3%	-3%	-3%	-4%
1953	Wet	-1%	-4%	6%	-1%	-1%	-7%	-14%	-1%	0%	-1%	0%	0%
1954	Above Normal	1%	0%	2%	6%	6%	4%	1%	1%	2%	0%	1%	0%
1955	Dry	0%	1%	1%	1%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-1%	-18%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	-1%	0%	0%	0%	-3%	-2%	-2%	-14%	-1%	-1%	0%
1960	Dry	0%	0%	0%	-1%	-1%	1%	0%	0%	2%	-1%	2%	-1%
1961	Dry	-1%	-1%	-1%	5%	4%	2%	0%	0%	0%	0%	1%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	-1%	0%	0%	0%
1966	Below Normal	0%	-3%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	-4%	0%	0%	-2%	2%	0%	1%	2%	1%	0%
1969	Wet	-2%	-2%	-3%	-20%	3%	0%	-1%	-1%	-1%	0%	0%	-1%
1970	Wet	0%	-1%	-1%	0%	3%	0%	-2%	0%	0%	0%	0%	1%
1971	Wet	1%	-1%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	-4%	3%	-2%	-2%	-2%	-2%	-2%
1975	Wet	-1%	-2%	-1%	-2%	-1%	-3%	1%	1%	1%	1%	1%	1%
1976	Critical	1%	1%	1%	1%	1%	0%	-1%	-1%	-1%	0%	-1%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	8%	0%	0%	0%	-1%	0%
1978	Above Normal	0%	-1%	0%	0%	0%	-3%	-3%	0%	2%	4%	1%	-1%
1979	Below Normal	-3%	-6%	-6%	-17%	-25%	-24%	9%	0%	0%	-1%	-1%	0%
1980	Above Normal	0%	0%	0%	-4%	0%	5%	-7%	-4%	-3%	22%	-17%	-7%
1981	Dry	-4%	-4%	-3%	1%	-1%	12%	2%	2%	18%	1%	-2%	1%
1982	Wet	1%	1%	1%	1%	0%	0%	0%	0%	-1%	0%	0%	0%
1983	Wet	-16%	15%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	-7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-20%	6%	0%	0%	0%	-1%	0%
1987	Dry	0%	3%	0%	0%	0%	0%	-3%	-3%	-4%	-3%	-4%	-3%
1988	Critical	-4%	-4%	-4%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-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%	-1%	0%	0%	0%
1994	Critical	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1996	Wet	0%	-2%	0%	-42%	-33%	-17%	-2%	-2%	-2%	-2%	-2%	-2%
1997	Wet	-1%	-2%	-2%	0%	0%	-1%	1%	0%	0%	0%	0%	0%
1998	Wet	14%	-13%	0%	0%	0%	0%	0%	-6%	-7%	-7%	-7%	-6%
1999	Wet	39%	0%	2%	-1%	0%	0%	-4%	0%	0%	0%	0%	2%
2000	Above Normal	1%	-3%	0%	0%	1%	-1%	-1%	0%	0%	1%	0%	0%
2001	Dry	-1%	-1%	-2%	-8%	-7%	-2%	1%	1%	1%	1%	1%	1%
2002	Dry	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	3%	-3%	5%	3%	1%	0%	0%	0%	0%	0%	0%
	Average	4%	7%	21%	2%	0%	-1%	1%	0%	-3%	-1%	-4%	-2%
	Wet	0%	1%	2%	-4%	-1%	-2%	0%	-1%	-2%	-1%	-1%	0%
	Above Normal	0%	-2%	1%	3%	0%	1%	0%	1%	-3%	4%	0%	1%
	Below Normal	7%	3%	8%	0%	-4%	-4%	4%	-3%	-8%	1%	2%	2%
	Dry	10%	26%	78%	9%	1%	-2%	0%	0%	-2%	1%	0%	2%
	Critical	4%	5%	13%	8%	6%	4%	4%	3%	-4%	-15%	-30%	-20%

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: Alternative3_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.48	0.00	61.88	40.25	21.91	30.25	0.00	0.00	0.00	12.08	11.58	25.87	204.30
1923	Below Normal	4.76	0.00	23.56	0.00	0.00	0.00	0.00	0.00	0.42	5.30	10.21	22.11	66.36
1924	Critical	17.67	2.08	40.18	6.44	0.00	0.00	0.00	0.00	0.00	0.50	0.42	0.31	67.60
1925	Dry	0.16	0.04	4.34	30.11	19.50	46.99	0.00	0.00	0.00	18.63	0.00	33.74	153.51
1926	Dry	4.52	4.80	18.78	36.18	8.02	0.00	0.00	0.00	0.00	7.82	0.00	0.00	80.12
1927	Wet	0.19	39.60	21.36	21.39	37.33	7.96	0.00	0.00	0.00	13.07	14.30	24.51	179.71
1928	Above Normal	0.00	0.00	66.48	0.00	0.00	32.52	0.00	0.00	0.00	4.44	6.79	20.48	130.71
1929	Critical	0.00	0.00	19.75	0.00	0.00	12.21	0.00	0.00	0.00	0.52	0.48	0.34	33.30
1930	Dry	0.22	0.06	0.01	26.48	23.31	21.53	0.00	0.00	0.00	24.11	0.00	40.12	135.84
1931	Critical	4.55	4.77	4.75	38.45	14.88	0.00	0.00	0.00	0.00	0.00	0.47	0.28	68.15
1932	Dry	0.17	0.05	47.89	44.84	53.24	49.63	0.00	0.00	0.00	28.76	41.42	0.00	266.00
1933	Critical	0.00	0.00	13.24	55.27	80.05	6.40	0.00	0.00	0.00	0.00	0.00	0.00	154.96
1934	Critical	0.33	0.09	42.71	96.45	59.23	4.44	0.00	0.00	0.00	0.00	0.48	0.33	204.06
1935	Below Normal	0.19	0.06	3.60	43.32	26.99	18.11	0.00	0.00	0.68	0.61	3.93	20.01	117.50
1936	Below Normal	7.30	4.20	10.40	20.63	122.51	82.70	0.00	0.00	0.00	15.29	17.01	32.97	313.01
1937	Below Normal	19.08	0.00	66.02	10.46	81.10	0.72	0.00	0.00	0.00	11.46	0.00	0.00	188.84
1938	Wet	21.85	57.23	41.46	44.82	11.41	0.57	0.00	0.00	11.71	15.46	16.54	22.57	243.62
1939	Dry	0.00	0.00	52.42	0.00	0.00	0.00	0.00	0.00	0.00	3.48	0.00	22.13	78.03
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	102.47	68.56	0.00	0.00	0.00	22.56	23.71	33.29	327.35
1942	Wet	0.00	0.00	29.66	2.79	2.08	0.00	0.00	0.00	0.00	19.73	18.80	26.52	99.58
1943	Wet	0.00	0.00	20.99	16.86	18.35	63.72	0.00	0.00	0.00	5.38	8.01	18.05	151.36
1944	Dry	0.00	0.00	54.03	9.75	13.55	8.75	0.00	0.00	0.00	22.07	9.39	0.00	117.54
1945	Below Normal	3.08	67.17	45.57	45.15	45.93	19.95	0.00	0.00	0.00	17.53	18.86	19.64	282.88
1946	Below Normal	32.57	60.16	32.02	0.00	0.00	0.00	0.00	0.00	0.00	18.63	17.77	23.20	184.35
1947	Dry	26.07	32.49	30.65	0.00	0.00	0.00	0.00	0.00	0.00	7.97	0.00	24.60	121.78
1948	Below Normal	13.87	10.45	0.00	0.00	0.00	14.80	0.00	0.00	0.42	8.21	15.69	28.66	92.10
1949	Dry	6.32	4.81	38.52	39.71	36.89	8.22	0.00	0.00	0.00	9.40	0.00	24.73	168.60
1950	Below Normal	0.00	0.00	0.00	19.40	20.82	34.47	0.00	0.00	0.00	7.28	15.28	29.35	126.60
1951	Above Normal	35.39	71.19	103.00	0.00	0.11	0.71	0.00	0.00	0.00	5.74	12.34	23.56	252.04
1952	Wet	0.00	13.38	20.78	2.53	0.00	80.56	0.00	0.00	1.96	23.67	29.92	40.44	213.24
1953	Wet	0.00	0.00	43.87	0.00	0.00	0.00	0.00	0.00	0.00	17.76	22.01	38.75	122.39
1954	Above Normal	0.00	0.00	78.16	0.00	0.00	6.17	0.00	0.00	0.00	0.39	12.29	26.99	124.00
1955	Dry	5.39	11.71	83.01	45.59	28.71	13.53	0.00	0.00	0.00	22.01	0.00	18.27	228.22
1956	Wet	0.00	31.02	61.03	87.26	0.08	0.71	0.00	0.00	0.00	10.82	11.07	13.40	215.39
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	12.87	32.70	30.13	29.56	47.08	0.00	0.00	0.00	3.52	4.82	26.26	244.12
1959	Below Normal	0.00	0.00	64.22	0.00	0.00	0.00	0.00	0.00	0.00	6.36	12.33	29.74	112.65
1960	Dry	6.37	4.22	6.40	36.93	19.51	18.42	0.00	0.00	0.00	1.90	0.00	23.13	116.88
1961	Dry	0.00	14.09	72.06	34.18	8.85	35.18	0.00	0.00	0.00	14.04	0.00	0.28	178.68
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	9.45	14.71	16.45	34.32	246.88
1968	Below Normal	9.69	0.00	74.74	0.00	0.00	0.00	0.00	0.00	0.00	10.87	15.40	34.30	145.00
1969	Wet	15.73	26.31	88.61	26.59	15.41	0.65	0.00	17.90	3.12	3.66	3.19	2.21	203.38
1970	Wet	1.17	0.00	31.73	18.27	0.14	0.74	0.00	0.00	0.00	22.01	17.30	0.00	91.36
1971	Wet	0.00	34.21	19.25	0.00	0.00	7.17	0.00	0.00	0.00	9.52	17.43	32.69	120.27
1972	Below Normal	6.37	0.00	84.02	38.50	0.00	0.00	0.00	0.00	0.00	8.38	16.18	34.82	188.27
1973	Above Normal	19.85	67.78	30.26	26.36	23.14	8.18	0.00	0.00	0.00	15.38	16.37	10.27	217.59
1974	Wet	31.82	59.46	30.06	0.00	0.00	11.76	0.00	0.00	0.00	14.23	14.03	28.93	190.29
1975	Wet	14.06	0.00	72.16	0.00	0.00	24.26	0.00	0.00	0.00	13.31	14.44	25.40	163.63
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	27.93	46.72	31.83	0.00	0.00	0.00	20.00	20.91	33.95	181.59
1979	Below Normal	3.58	0.00	79.89	15.75	34.68	22.01	0.00	0.00	0.00	20.16	20.69	8.76	205.52
1980	Above Normal	34.30	3.40	78.50	10.07	7.85	0.65	0.00	0.00	0.00	7.31	0.00	0.00	142.08
1981	Dry	8.67	0.00	72.91	0.00	0.00	0.00	0.00	0.00	0.00	4.79	0.00	26.06	112.43
1982	Wet	4.86	57.83	26.76	36.39	98.75	18.81	1.33	0.00	0.00	6.04	7.25	29.84	287.86
1983	Wet	50.38	0.21	0.02	0.00	0.12	0.67	1.24	2.54	2.78	3.50	3.35	2.48	67.29
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	15.83	250.03
1987	Dry	0.00	0.00	66.42	0.00	0.00	0.00	0.00	0.00	0.00	3.72	0.00	1.37	71.51
1988	Critical	0.00	0.33	33.21	28.54	0.00	9.58	0.00	0.00	0.00	24.00	0.00	0.00	95.66
1989	Dry	0.00	24.99	37.43	46.02	5.63	3.59	0.00	0.00	0.00	1.98	0.00	27.46	147.10
1990	Critical	4.99	0.00	14.88	33.28	14.69	0.00	0.00	0.00	0.00	36.33	0.00	0.00	104.17
1991	Critical	0.00	0.00	7.74	0.00	6.57	3.54	0.00	0.00	0.42	36.48	0.00	0.00	54.75
1992	Critical	0.00	0.00	8.50	9.84	11.47	19.56	0.00	0.00	0.00	0.00	0.46	0.33	50.16
1993	Above Normal	0.20	0.05	12.70	32.24	31.53	20.68	0.00	0.00	0.00	11.18	15.19	26.43	150.20
1994	Critical	6.51	0.00	72.42	9.12	7.26	2.11	0.00	0.00	0.00	14.72	0.00	0.31	112.45
1995	Wet	0.18	0.03	0.00	30.74	27.21	90.94	0.00	0.00	0.00	3.87	8.77	24.07	185.81
1996	Wet	0.00	0.00	9.17	7.37	73.66	60.73	0.00	0.00	0.00	14.73	15.68	27.44	208.78
1997	Wet	0.00	0.00	77.39	72.62	66.49	24.83	0.00	0.00	0.00	10.16	12.45	30.98	294.92
1998	Wet	0.00	0.00	67.14	0.00	56.25	57.70	0.00	0.00	10.36	14.68	18.68	37.27	262.08
1999	Wet	25.58	0.29	0.00	0.00	5.70	0.56	0.00	0.00	0.00	20.32	22.03	0.00	74.48
2000	Above Normal	0.00	0.00	66.83	0.00	15.75	46.10	0.00	0.00	0.00	3.40	12.18	27.06	171.32
2001	Dry	0.00	0.00	74.64	35.17	24.84	28.77	0.00	0.00	0.00	11.69	0.00	11.44	186.55
2002	Dry	0.00	29.55	51.11	37.11	45.34	15.86	0.00	0.00	0.00	14.66	0.00	26.31	219.94
2003	Above Normal	0.00	0.00	4.80	23.30	29.52	26.17	0.00	0.00	0.00	11.49	19.20	31.90	146.38
	Average	7.96	12.40	37.66	19.94	20.60	18.58	0.03	0.25	0.52	11.53	9.45	19.68	158.60
	Wet	11.70	17.83	32.41	19.99	24.08	27.37	0.10	0.79	1.51	13.69	14.63	24.04	188.14
	Above Normal	7.53	11.87	47.21	15.48	17.90	22.42	0.00	0.00	0.04	8.07	12.53	23.44	166.49
	Below Normal	7.19	11.10	40.50	15.62	26.20	16.31	0.00	0.00	0.11	10.37	13.59	24.49	165.48
	Dry	4.47	13.80	43.56	23.45	15.97	13.92	0.00	0.00	0.00	12.74	2.82	18.59	149.31
	Critical	6.43	0.61	27.31	24.06	16.18	5.34	0.00	0.03	0.08	9.87	0.23	2.49	92.60

Difference in Energy Use (GWh) At Pumping Plant at SWP San Luis: Alternative3_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	(6.82)	(1.66)	(2.29)	0.00	0.00	(9.43)	(11.69)	(13.58)	(13.48)	(4.91)
1923	Below Normal	(4.82)	0.00	(5.46)	0.00	0.00	0.00	0.00	0.00	0.42	(6.56)	(8.53)	(12.76)	(3.14)
1924	Critical	2.13	(11.49)	24.80	(21.11)	(9.44)	0.00	0.00	0.00	0.00	(48.57)	0.42	0.31	(5.25)
1925	Dry	(15.95)	(28.61)	(50.65)	(18.68)	(9.02)	15.91	0.00	0.00	0.00	4.67	0.00	(4.53)	(8.91)
1926	Dry	(2.92)	(2.31)	3.95	(4.36)	(1.11)	0.00	0.00	0.00	0.00	(11.67)	0.00	(2.27)	(1.72)
1927	Wet	0.19	(32.38)	(15.23)	(4.86)	(4.53)	(1.52)	0.00	0.00	0.00	(6.34)	(7.04)	(11.32)	(6.92)
1928	Above Normal	0.00	0.00	(7.57)	0.00	0.00	(3.38)	0.00	0.00	0.00	(6.60)	(6.09)	(9.67)	(2.78)
1929	Critical	(4.89)	0.00	(11.56)	0.00	0.00	(3.95)	0.00	0.00	0.00	0.52	0.48	0.34	(1.59)
1930	Dry	(3.77)	(4.41)	(43.98)	(6.93)	(3.85)	(3.90)	0.00	0.00	0.00	(11.69)	0.00	(18.93)	(8.12)
1931	Critical	(0.38)	0.24	0.03	(5.59)	(3.70)	0.00	0.00	0.00	0.00	(5.17)	0.47	0.28	(1.15)
1932	Dry	0.00	(7.73)	(53.25)	(6.00)	(4.56)	(5.93)	0.00	0.00	0.00	(7.05)	32.21	0.00	(4.36)
1933	Critical	(6.03)	(5.66)	(2.81)	18.97	6.71	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.99
1934	Critical	0.33	(2.04)	(11.69)	(2.02)	(2.62)	(2.52)	0.00	0.00	0.00	0.00	0.48	0.00	(1.67)
1935	Below Normal	0.00	(8.47)	(23.39)	(4.04)	(2.96)	(2.55)	0.00	0.00	0.68	(5.68)	(11.76)	(13.36)	(5.96)
1936	Below Normal	(1.10)	(1.78)	(7.82)	(1.50)	(9.80)	24.54	0.00	0.00	0.00	(2.06)	(2.12)	16.47	1.24
1937	Below Normal	0.00	0.00	(3.38)	(15.58)	38.99	0.00	0.00	0.00	0.00	(2.17)	0.00	0.00	1.49
1938	Wet	(3.19)	(4.99)	(24.09)	9.95	11.31	0.00	0.00	(23.88)	8.54	11.98	13.72	20.53	1.66
1939	Dry	0.00	0.00	(6.08)	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	0.00	(0.21)	(0.53)
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)	(2.95)	2.08	0.00	0.00	0.00	(0.14)	(0.11)	(0.13)	(0.14)
1942	Wet	0.00	0.00	(0.06)	(5.92)	(1.74)	0.00	0.00	0.00	0.00	(0.65)	0.13	6.51	(0.14)
1943	Wet	0.00	0.00	0.36	(19.01)	(1.12)	(2.38)	0.00	0.00	0.00	(0.13)	(0.14)	(1.32)	(1.98)
1944	Dry	0.00	0.00	(8.18)	7.37	6.83	2.42	0.00	0.00	0.00	0.19	1.57	0.00	0.85
1945	Below Normal	0.19	1.00	0.42	0.27	(7.62)	3.84	0.00	0.00	0.00	(0.11)	(0.16)	0.72	(0.12)
1946	Below Normal	0.21	(0.30)	(0.81)	0.00	0.00	0.00	0.00	0.00	0.00	(0.42)	(0.31)	(0.91)	(0.21)
1947	Dry	(0.22)	(0.21)	(0.31)	0.00	0.00	0.00	0.00	0.00	0.00	(0.23)	0.00	(0.03)	(0.08)
1948	Below Normal	0.13	0.06	0.00	0.00	0.00	0.27	0.00	0.00	0.00	(0.12)	(0.11)	(0.07)	0.01
1949	Dry	0.00	0.01	(0.06)	0.01	(0.02)	0.06	0.00	0.00	0.00	(0.08)	0.00	(0.02)	(0.01)
1950	Below Normal	0.00	0.00	0.00	0.51	0.46	0.15	0.00	0.00	0.00	(0.03)	(0.01)	0.03	0.09
1951	Above Normal	0.02	0.02	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1952	Wet	0.00	0.01	0.00	(0.62)	0.00	(0.55)	0.00	0.00	(11.46)	1.65	1.68	10.21	0.08
1953	Wet	0.00	0.00	(4.35)	0.00	0.00	0.00	0.00	0.00	0.00	1.02	0.87	2.35	(0.01)
1954	Above Normal	0.00	0.00	0.12	0.00	0.00	(2.07)	0.00	0.00	0.00	(0.13)	(0.32)	(0.22)	(0.22)
1955	Dry	0.03	(0.19)	(0.26)	(0.24)	(0.09)	0.05	0.00	0.00	0.00	0.58	0.00	(1.13)	(0.10)
1956	Wet	0.00	0.23	(14.91)	14.69	(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)	(0.11)	(0.12)	(0.01)	0.00	0.14	0.00	0.00	0.00	(0.07)	(0.07)	(0.33)	(0.05)
1959	Below Normal	0.00	0.00	(0.71)	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.54	0.24	0.06
1960	Dry	(0.09)	(0.12)	(0.18)	0.30	0.27	(0.07)	0.00	0.00	0.00	0.41	0.00	0.55	0.09
1961	Dry	0.00	0.33	0.39	(0.88)	(0.91)	(0.33)	0.00	0.00	0.00	(0.11)	0.00	0.00	(0.13)
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	(7.09)	(0.38)	(0.55)	(1.57)	(0.78)
1968	Below Normal	(1.45)	0.00	1.31	0.00	0.00	0.00	0.00	0.00	0.00	(1.32)	(0.80)	(1.26)	(0.29)
1969	Wet	(5.60)	0.85	(0.19)	1.98	15.33	0.00	0.00	5.41	0.00	0.00	0.00	0.00	1.48
1970	Wet	0.01	0.00	0.51	(0.81)	0.00	0.00	0.00	0.00	0.00	0.98	(0.20)	0.00	0.04
1971	Wet	0.00	(0.21)	(0.18)	0.00	0.00	0.13	0.00	0.00	0.00	0.09	0.08	0.07	0.00
1972	Below Normal	(0.01)	0.00	0.05	(0.06)	0.00	0.00	0.00	0.00	0.00	0.04	0.03	0.05	0.01
1973	Above Normal	0.03	0.02	0.00	(0.10)	(0.09)	(0.21)	0.00	0.00	0.00	(0.26)	(0.25)	(0.11)	(0.08)
1974	Wet	(0.57)	(0.77)	(0.43)	0.00	0.00	(17.65)	0.00	0.00	0.00	(0.07)	0.76	7.25	(0.96)
1975	Wet	1.52	0.00	0.90	0.00	0.00	1.98	0.00	0.00	0.00	(0.47)	(0.50)	(0.37)	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	(0.06)	(5.68)	(8.62)	0.00	0.00	(9.28)	(6.98)	(7.64)	(7.94)	(3.85)
1979	Below Normal	1.47	0.00	(1.26)	10.04	16.75	21.36	0.00	0.00	0.00	0.22	(1.21)	8.76	4.68
1980	Above Normal	12.55	2.45	0.77	(34.85)	7.72	0.00	0.00	0.00	0.00	(18.87)	0.00	0.00	(2.52)
1981	Dry	3.42	0.00	3.86	0.00	0.00	0.00	0.00	0.00	0.00	(0.60)	0.00	(0.44)	0.52
1982	Wet	0.11	(0.86)	(0.52)	(0.27)	(2.02)	3.86	0.00	0.00	0.00	(0.44)	(0.45)	(0.89)	(0.12)
1983	Wet	13.55	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.13
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	(17.80)	(1.39)
1987	Dry	(0.65)	0.00	(0.68)	0.00	0.00	0.00	0.00	0.00	0.00	(0.24)	0.00	0.74	(0.07)
1988	Critical	0.00	0.33	0.15	0.21	0.00	0.06	0.00	0.00	0.00	0.11	0.00	0.00	0.07
1989	Dry	0.00	0.04	0.06	0.03	0.02	0.03	0.00	0.00	0.00	0.04	0.00	(0.27)	0.00
1990	Critical	(0.01)	0.00	0.22	(0.01)	(0.01)	0.00	0.00	0.00	0.00	(0.05)	0.00	0.00	0.01
1991	Critical	0.00	0.00	(0.02)	0.00	(0.02)	(0.01)	0.00	0.00	0.00	0.19	0.00	0.00	0.01
1992	Critical	0.00	0.00	(0.20)	(0.25)	(0.04)	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)
1993	Above Normal	0.00	0.00	(0.49)	(0.04)	0.05	0.10	0.00	0.00	0.00	(0.16)	(0.11)	(0.09)	(0.06)
1994	Critical	(0.04)	0.00	(0.03)	0.27	0.25	0.10	0.00	0.00	0.00	0.00	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)	(0.51)	(2.50)	(6.60)	(3.00)
1996	Wet	0.00	0.00	(2.11)	7.37	22.53	6.86	0.00	0.00	0.00	0.79	1.09	0.91	3.12
1997	Wet	0.00	0.00	0.99	0.12	0.10	(3.97)	0.00	0.00	0.00	8.76	0.01	1.01	0.58
1998	Wet	0.00	0.00	(0.09)	0.00	(0.21)	(0.41)	0.00	0.00	7.11	7.17	7.22	4.67	2.12
1999	Wet	(22.89)	0.00	0.00	0.00	(2.42)	0.00	0.00	0.00	0.00	(0.25)	(0.27)	0.00	(2.15)
2000	Above Normal	0.00	0.00	(0.23)	0.00	(1.32)	(0.49)	0.00	0.00	0.00	(0.45)	(0.17)	(0.25)	(0.24)
2001	Dry	0.00	0.00	(2.84)	1.77	1.75	0.51	0.00	0.00	0.00	2.31	0.00	(0.20)	0.28
2002	Dry	0.00	(0.30)	(0.16)	(0.12)	(0.14)	0.00	0.00	0.00	0.00	0.15	0.00	1.62	0.09
2003	Above Normal	0.00	0.00	1.04	(0.59)	(0.57)	(0.23)	0.00	0.00	0.00	0.00	0.01	0.01	(0.03)
	Average	(0.46)	(1.31)	(3.29)	(1.06)	0.16	0.75	0.00	(0.50)	(0.29)	(1.42)	(0.04)	(0.54)	(0.67)
	Wet	(0.64)	(1.47)	(2.30)	0.05	(0.12)	1.02	0.00	(1.57)	(0.23)	0.86	0.52	0.52	(0.28)
	Above Normal	1.05	0.21	(0.78)	(3.38)	0.03	(1.33)	0.00	0.00	(1.56)	(3.75)	(2.34)	(2.66)	(1.21)
	Below Normal	(0.38)	(0.68)	(2.94)	(0.74)	2.56	3.40	0.00	0.00	0.08	(1.26)	(1.75)	(0.15)	(0.15)
	Dry	(1.12)	(2.42)	(8.80)	(1.54)	(0.60)	0.49	0.00	0.00	0.00	(1.30)	1.88	(1.39)	(1.23)
	Critical	(0.69)	(1.55)	(0.13)	(0.80)	(0.74)	(0.48)	0.00	0.00	0.00	(4.41)	0.15	0.11	(0.71)

Percent Difference in Energy Use (GWh) At Pumping Plant at SWP San Luis: Alternative3_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%	-85%	161%	-77%	-100%	0%	0%	0%	0%	-99%	-	-
1925	Dry	-99%	-100%	-92%	-38%	-32%	51%	0%	0%	0%	33%	0%	-12%
1926	Dry	-39%	-32%	27%	-11%	-12%	0%	0%	0%	0%	-60%	0%	-100%
1927	Wet	-	-45%	-42%	-19%	-11%	-16%	0%	0%	0%	-33%	-33%	-32%
1928	Above Normal	0%	0%	-10%	0%	0%	-9%	0%	0%	0%	-60%	-47%	-32%
1929	Critical	-100%	0%	-37%	0%	0%	-24%	0%	0%	0%	-	-	-
1930	Dry	-94%	-99%	-100%	-21%	-14%	-15%	0%	0%	0%	-33%	0%	-32%
1931	Critical	-8%	5%	1%	-13%	-20%	0%	0%	0%	0%	-100%	-	-
1932	Dry	0%	-99%	-53%	-12%	-8%	-11%	0%	0%	0%	-20%	350%	0%
1933	Critical	-100%	-100%	-18%	52%	9%	13%	0%	0%	0%	0%	0%	0%
1934	Critical	-	-96%	-21%	-2%	-4%	-36%	0%	0%	0%	0%	-	0%
1935	Below Normal	0%	-99%	-87%	-9%	-10%	-12%	0%	0%	-	-90%	-75%	-40%
1936	Below Normal	-13%	-30%	-43%	-7%	-7%	42%	0%	0%	0%	-12%	-11%	100%
1937	Below Normal	0%	0%	-5%	-60%	93%	0%	0%	0%	0%	-16%	0%	0%
1938	Wet	-13%	-8%	-37%	29%	>1,000%	0%	0%	-100%	269%	344%	487%	>1,000%
1939	Dry	0%	0%	-10%	0%	0%	0%	0%	0%	0%	-2%	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%	-7%
1944	Dry	0%	0%	-13%	310%	102%	38%	0%	0%	0%	1%	20%	0%
1945	Below Normal	7%	2%	1%	1%	-14%	24%	0%	0%	0%	-1%	-1%	4%
1946	Below Normal	1%	0%	-2%	0%	0%	0%	0%	0%	0%	-2%	-2%	-4%
1947	Dry	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	-3%	0%	0%
1948	Below Normal	1%	1%	0%	0%	0%	2%	0%	0%	0%	-1%	-1%	0%
1949	Dry	0%	0%	0%	0%	0%	1%	0%	0%	0%	-1%	0%	0%
1950	Below Normal	0%	0%	0%	3%	2%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-20%	0%	-1%	0%	0%	-85%	7%	6%	34%
1953	Wet	0%	0%	-9%	0%	0%	0%	0%	0%	0%	6%	4%	6%
1954	Above Normal	0%	0%	0%	0%	0%	-25%	0%	0%	0%	-25%	-3%	-1%
1955	Dry	1%	-2%	0%	-1%	0%	0%	0%	0%	0%	3%	0%	-6%
1956	Wet	0%	1%	-20%	20%	-11%	0%	0%	0%	0%	0%	0%	3%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%
1958	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	-2%	-1%	-1%
1959	Below Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	10%	5%	1%
1960	Dry	-1%	-3%	-3%	1%	1%	0%	0%	0%	0%	28%	0%	2%
1961	Dry	0%	2%	1%	-3%	-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%	-3%	-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%	2%	0%	0%	0%	1%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	-3%	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	70%	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	65%	0%	6%	0%	0%	0%	0%	0%	0%	-11%	0%	-2%
1982	Wet	2%	-1%	-2%	-1%	-2%	26%	0%	0%	0%	-7%	-6%	-3%
1983	Wet	37%	-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%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	-4%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%
1994	Critical	-1%	0%	0%	3%	4%	5%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-1%	0%	-100%	-100%	-12%	-22%	-22%
1996	Wet	0%	0%	-19%	-	44%	13%	0%	0%	0%	6%	7%	3%
1997	Wet	0%	0%	1%	0%	0%	-14%	0%	0%	0%	626%	0%	3%
1998	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	219%	95%	63%	14%
1999	Wet	-47%	0%	0%	0%	-30%	0%	0%	0%	0%	-1%	-1%	0%
2000	Above Normal	0%	0%	0%	0%	-8%	-1%	0%	0%	0%	-12%	-1%	-1%
2001	Dry	0%	0%	-4%	5%	8%	2%	0%	0%	0%	25%	0%	-2%
2002	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	1%	0%	7%
2003	Above Normal	0%	0%	28%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%
	Average	-6%	-7%	-6%	1%	-2%	1%	0%	-2%	1%	4%	8%	-1%
	Wet	-1%	-2%	-5%	-4%	-8%	2%	0%	-6%	10%	39%	19%	0%
	Above Normal	5%	21%	-7%	-7%	-2%	-5%	0%	0%	-17%	-20%	-11%	-7%
	Below Normal	0%	-9%	-11%	7%	11%	4%	0%	0%	0%	-13%	-10%	1%
	Dry	-15%	-19%	-14%	13%	2%	4%	0%	0%	0%	-2%	21%	-2%
	Critical	-16%	-23%	7%	-3%	-9%	-4%	0%	0%	0%	-17%	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: Alternative3_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	622.85	677.53	672.85	939.39	963.59	856.90	780.74	9,083.29
1923	Below Normal	641.41	563.00	547.55	940.71	915.54	1,042.19	796.27	333.22	294.42	1,099.59	1,022.77	925.78	9,122.45
1924	Critical	765.21	645.18	617.39	491.97	464.81	320.38	390.13	473.66	320.50	78.44	36.09	38.38	4,642.14
1925	Dry	393.25	601.59	822.69	235.77	228.84	373.27	549.21	626.78	660.14	801.80	732.50	732.11	6,757.95
1926	Dry	479.42	428.27	371.48	294.21	253.80	324.82	472.56	704.40	629.84	902.11	867.25	704.27	6,432.43
1927	Wet	276.60	780.85	576.88	258.83	368.73	673.46	690.47	685.36	718.98	989.73	897.00	821.93	7,738.82
1928	Above Normal	673.29	601.21	688.10	796.51	763.50	568.05	709.94	705.06	185.78	931.49	970.24	892.14	8,485.31
1929	Critical	742.02	646.06	646.18	741.25	697.26	454.83	400.80	464.55	70.56	36.76	54.40	45.64	5,000.31
1930	Dry	46.87	52.40	697.84	208.28	228.17	295.49	503.54	575.20	163.24	834.78	728.17	747.83	5,081.81
1931	Critical	460.48	401.43	316.87	270.15	238.96	240.23	379.91	452.68	464.38	342.97	36.38	34.70	3,639.14
1932	Dry	75.60	245.53	930.34	245.08	299.28	400.24	498.65	578.38	707.62	918.96	788.91	593.97	6,282.56
1933	Critical	415.15	372.40	327.58	308.80	366.84	270.91	431.96	518.32	530.17	541.95	471.50	163.88	4,719.46
1934	Critical	229.42	216.77	429.03	342.33	287.58	261.47	445.76	541.84	549.22	313.75	36.05	37.37	3,690.59
1935	Below Normal	309.83	668.74	812.30	252.52	255.58	325.58	648.22	610.15	281.39	983.49	1,130.22	1,034.00	7,312.02
1936	Below Normal	766.47	681.23	561.12	257.27	505.48	795.02	743.28	737.96	939.29	1,044.64	925.46	851.24	8,808.46
1937	Below Normal	744.57	620.99	692.43	867.21	1,036.39	1,075.19	646.36	699.34	941.00	976.59	875.68	714.21	9,889.96
1938	Wet	705.30	712.52	600.29	1,030.26	983.91	1,073.97	632.31	676.69	832.20	803.09	955.80	867.93	9,874.27
1939	Dry	610.55	507.63	598.52	929.79	874.81	1,010.20	650.29	724.03	558.44	959.62	687.43	952.69	9,064.00
1940	Above Normal	676.07	284.85	769.03	169.04	218.19	497.01	631.97	737.55	851.94	934.50	950.24	860.04	7,580.43
1941	Wet	604.62	518.77	495.61	394.19	602.47	1,058.73	548.69	612.90	827.60	899.29	812.80	716.87	8,092.54
1942	Wet	553.79	461.10	498.60	956.45	931.12	1,079.96	786.74	655.32	871.06	943.64	832.82	748.16	9,318.76
1943	Wet	610.02	508.18	521.67	860.55	962.72	1,024.48	766.08	724.53	921.61	993.13	927.30	821.05	9,641.32
1944	Dry	681.93	571.28	676.31	622.31	592.72	411.89	498.26	575.42	603.21	744.70	690.55	562.14	7,230.72
1945	Below Normal	397.90	494.52	358.97	291.67	310.25	986.05	651.33	700.89	905.36	991.19	886.54	791.91	7,766.58
1946	Below Normal	731.32	717.54	776.70	876.38	640.84	709.92	666.62	665.95	884.98	835.98	851.07	764.50	9,121.80
1947	Dry	683.13	629.15	560.18	812.25	797.81	503.37	691.75	738.16	770.45	897.42	868.26	832.15	8,784.08
1948	Below Normal	655.71	582.47	467.07	476.25	423.45	344.35	423.83	531.28	109.75	973.75	984.72	889.36	6,861.99
1949	Dry	628.48	558.33	518.64	301.63	309.00	319.79	684.17	722.93	761.94	885.84	846.05	823.99	7,360.79
1950	Below Normal	594.55	544.42	470.61	238.40	248.98	332.32	574.01	658.96	86.64	960.27	970.06	875.29	6,554.51
1951	Above Normal	679.65	682.96	711.74	1,005.34	901.31	1,055.47	601.71	684.09	908.55	937.46	865.10	779.41	9,812.79
1952	Wet	643.08	615.77	556.91	956.69	934.06	857.02	571.61	584.79	801.65	865.70	762.66	685.06	8,835.00
1953	Wet	514.29	430.55	861.07	924.61	904.77	988.90	681.07	637.99	859.55	799.95	824.34	757.40	9,184.49
1954	Above Normal	552.56	466.17	597.12	640.78	645.68	650.67	637.33	733.64	776.23	846.37	936.06	844.61	8,327.22
1955	Dry	592.10	545.72	588.08	316.00	319.56	373.39	532.80	609.55	609.12	790.37	703.09	672.83	6,652.61
1956	Wet	455.70	474.42	449.71	886.37	926.90	1,072.26	688.30	749.93	971.39	1,053.54	934.47	826.34	9,489.33
1957	Above Normal	703.06	595.63	706.06	933.56	863.34	583.51	537.71	461.19	268.62	930.11	935.16	844.54	8,362.49
1958	Wet	699.47	530.40	470.36	245.27	509.05	1,047.87	714.07	768.33	984.10	1,012.84	977.07	858.01	8,816.84
1959	Below Normal	714.51	604.11	705.72	907.73	889.28	955.40	600.36	684.07	262.85	944.59	954.31	866.97	9,089.90
1960	Dry	618.41	540.71	433.41	273.64	241.71	311.81	663.97	774.12	581.54	982.42	769.26	958.69	7,149.69
1961	Dry	664.55	663.58	662.49	343.96	303.24	346.14	572.41	657.00	649.45	836.32	645.99	433.69	6,778.82
1962	Below Normal	114.64	612.44	703.48	169.43	204.14	412.48	582.17	668.76	276.67	975.43	981.63	885.30	6,586.57
1963	Wet	735.15	690.41	493.80	418.32	477.51	636.94	654.10	657.74	885.58	928.22	849.50	782.01	8,209.28
1964	Dry	645.08	684.42	770.25	733.82	489.19	495.15	697.76	683.04	699.89	832.61	791.38	790.85	8,313.44
1965	Wet	636.82	578.60	553.14	839.02	820.03	700.66	648.84	639.16	850.83	901.39	827.06	752.45	8,748.00
1966	Below Normal	582.10	562.36	638.71	856.76	881.14	682.78	613.02	696.67	677.58	870.40	896.41	812.79	8,770.72
1967	Wet	562.90	545.10	471.37	343.54	545.72	702.06	719.57	711.78	976.36	996.83	890.63	816.95	8,282.81
1968	Below Normal	677.81	559.65	675.75	926.34	914.20	975.89	723.08	673.48	871.67	854.51	860.26	785.93	9,498.57
1969	Wet	594.64	548.44	585.19	591.35	932.86	1,024.02	617.80	740.70	907.71	779.93	946.26	737.86	9,006.76
1970	Wet	666.74	463.13	540.25	1,035.66	976.49	1,103.36	623.16	685.12	870.21	971.35	891.97	717.59	9,545.03
1971	Wet	638.91	655.70	556.78	934.67	889.70	796.46	591.49	687.77	709.07	866.24	888.75	802.59	9,018.13
1972	Below Normal	553.43	445.22	559.64	292.23	397.96	560.45	635.59	702.88	733.79	874.78	897.82	816.36	7,470.15
1973	Above Normal	610.69	651.45	473.03	364.52	626.54	780.56	632.87	704.55	922.80	991.99	887.96	766.02	8,412.98
1974	Wet	731.32	719.70	591.02	951.99	909.48	963.23	757.45	690.77	925.47	967.17	874.56	802.18	9,884.34
1975	Wet	683.39	547.56	665.94	920.00	889.78	938.51	716.57	700.69	935.80	977.69	876.39	804.15	9,656.47
1976	Critical	741.57	550.24	672.40	804.06	772.30	533.16	606.32	697.55	303.06	932.42	680.67	918.68	8,212.43
1977	Critical	649.29	554.17	439.70	221.73	196.13	200.63	197.70	56.72	31.41	41.27	36.46	63.88	2,689.09
1978	Above Normal	17.37	123.65	496.52	178.90	296.65	580.69	644.74	650.45	880.26	934.23	868.20	769.64	6,441.30
1979	Below Normal	598.51	513.76	620.71	702.90	723.06	802.40	692.59	684.26	891.21	952.73	860.57	739.67	8,782.37
1980	Above Normal	702.81	572.68	662.05	837.51	967.47	1,056.31	557.70	625.24	860.53	873.40	778.68	650.26	9,144.64
1981	Dry	599.62	477.58	612.20	932.80	899.69	746.60	605.33	706.48	468.11	971.65	840.31	913.77	8,774.14
1982	Wet	650.86	699.66	508.09	451.34	638.01	1,133.11	826.93	727.77	965.46	998.07	916.73	839.54	9,355.57
1983	Wet	796.86	742.82	1,006.40	945.29	901.29	1,003.58	523.57	544.73	804.72	680.73	745.67	621.15	9,316.81
1984	Wet	675.27	623.26	1,066.57	1,013.32	1,004.74	1,092.01	607.84	692.64	900.51	972.97	877.77	784.84	10,311.74
1985	Dry	672.82	710.77	832.25	839.13	846.75	789.08	667.30	663.75	698.11	807.35	763.97	766.10	9,057.38
1986	Wet	657.37	636.10	548.35	754.72	823.12	973.95	724.98	726.48	900.55	1,026.12	908.49	791.89	9,472.12
1987	Dry	679.25	560.07	678.64	936.82	891.62	519.13	425.43	533.38	544.77	585.22	464.53	430.91	7,249.77
1988	Critical	218.79	169.56	221.88	174.31	161.04	220.55	314.34	362.33	356.37	465.35	318.59	293.28	3,276.39
1989	Dry	138.64	177.61	179.63	173.37	153.16	203.14	658.81	764.53	606.14	979.77	870.94	928.33	5,834.07
1990	Critical	662.05	579.28	501.55	277.30	252.38	245.67	378.22	460.47	462.12	612.12	411.56	384.13	5,226.85
1991	Critical	190.93	143.18	144.89	99.43	157.42	203.54	318.62	342.06	243.34	563.07	367.51	326.60	3,100.59
1992	Critical	169.92	111.01	138.84	117.28	163.50	230.54	309.55	358.60	376.52	50.81	36.05	295.55	2,358.17
1993	Above Normal	398.16	38.78	537.53	195.52	424.52	581.46	640.53	674.86	707.99	981.83	903.50	821.28	6,905.96
1994	Critical	639.76	521.55	630.04	593.09	566.63	450.74	549.35	630.49	524.03	821.84	248.26	668.94	6,844.72
1995	Wet	138.61	427.00	842.50	182.93	370.51	661.49	756.84	768.79	990.78	880.31	1,034.34	873.74	7,927.84
1996	Wet	675.98	602.18	581.40	479.85	716.13	782.97	705.53	688.63	811.70	950.55	985.25	794.79	8,774.96
1997	Wet	623.47	535.53	683.30	1,097.69	1,043.65	1,149.49	638.21	661.20	869.15	948.98	849.81	777.06	9,877.54
1998	Wet	602.82	521.97	636.00	918.96	1,041.61	1,066.09	667.67	667.67	931.56	799.04	950.73	798.84	9,602.96
1999	Wet	787.08	719.10	655.39	945.97	969.44	939.93	640.35	685.90	873.13	957.58	929.67	714.95	9,818.49
2000	Above Normal	631.29	535.72	662.69	835.65	871.95	746.98	650.48	736.14	916.96	950.58	926.46	838.42	9,303.32
2001	Dry	580.62	492.83	586.98	367.48	339.38	340.70	446.84	534.81	567.99	639.79	489.94	483.25	5,870.61
2002	Dry	230.69	253.80	258.90	178.92	305.69	386.78	710.65	692.38	732.01	842.96	768.86	798.74	6,160.38
2003	Above Normal	594.87	402.44	694.01	195.61	296.14	410.43	544.99	626.40	118.11	917.58	926.12	836.90	6,563.60
	Average	563.85	523.57	589.38	574.05	602.13	664.17	600.21	634.84	666.27	835.48	769.77	709.15	7,732.86
	Wet	612.35	588.03	616.02	743.76	810.53	944.02	673.09	683.59	880.64	921.70	891.07	781.36	9,146.16
	Above Normal	610.53	488.42	654.73	540.96	604.61	677.83	622.29	667.67	694.76	932.76	900.39	807.00	8,201.94
	Below Normal	577.34	583.60	613.63	575.41	596.16	714.29	642.62	646.28	582.61	952.71	935.54	839.52	8,259.72
	Dry	501.17	483.40	598.82	485.85	465.25	452.83	584.99	659.13	611.78	845.21	739.86	729.24	7,157.51
	Critical	490.38	409.24	423.86	370.14	360.40	302.72	393.56	446.61	352.64	400.06	227.79	272.59	4,449.99

Difference in Energy Use (GWh) At Pumping Plant at System Total: Alternative3_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	1.35	14.57	23.14	165.28	160.18	20.37	11.84	38.50
1923	Below Normal	17.32	18.89	8.87	7.18	13.44	152.35	188.50	(346.49)	(426.60)	250.74	147.00	130.65	13.49
1924	Critical	178.65	127.20	187.78	106.38	119.19	52.92	45.49	60.00	(97.30)	(490.32)	(335.13)	(288.41)	(27.80)
1925	Dry	175.36	402.26	592.98	43.82	30.75	(155.41)	(17.03)	(106.00)	(103.93)	(112.09)	(123.79)	(109.82)	43.09
1926	Dry	(99.21)	(92.55)	(62.47)	8.36	1.91	20.61	20.57	68.40	(43.11)	88.33	121.98	47.17	6.67
1927	Wet	(191.52)	196.83	161.82	16.57	(15.33)	0.41	(14.49)	(15.13)	(44.61)	134.17	8.92	4.99	20.22
1928	Above Normal	16.73	14.53	6.07	(16.34)	(13.61)	(8.83)	(2.08)	5.34	(565.41)	101.10	102.40	90.58	(22.46)
1929	Critical	87.20	85.00	62.40	(6.08)	0.92	23.58	78.10	73.14	(309.09)	(341.43)	(285.21)	(247.40)	(64.91)
1930	Dry	(124.50)	(79.14)	499.37	55.72	12.60	14.34	7.81	1.91	(431.30)	92.59	110.50	80.89	20.07
1931	Critical	99.72	97.77	78.90	24.87	19.82	23.39	(10.65)	(13.92)	(14.61)	(202.38)	(390.56)	(334.15)	(51.82)
1932	Dry	(127.09)	65.28	576.89	23.43	(1.75)	11.70	15.29	14.11	142.03	167.66	106.22	36.24	85.83
1933	Critical	3.25	10.86	21.53	66.62	31.73	(9.67)	(11.78)	(27.76)	(26.53)	(43.45)	(44.77)	(290.56)	(26.71)
1934	Critical	(48.73)	(6.78)	148.27	6.14	12.06	19.98	30.44	35.67	36.40	(198.09)	(39.60)	(1.43)	(0.47)
1935	Below Normal	14.96	80.42	320.95	19.28	10.11	11.53	17.71	(120.78)	(201.73)	14.42	145.97	141.88	37.89
1936	Below Normal	136.44	119.94	85.92	1.32	(12.25)	(148.32)	87.79	8.91	148.14	161.36	7.85	39.68	53.07
1937	Below Normal	16.94	7.98	3.74	(21.80)	0.85	117.17	0.08	(5.84)	154.04	123.06	32.28	(2.85)	35.47
1938	Wet	(0.56)	(1.43)	(47.19)	(30.31)	9.51	(11.44)	14.00	(143.91)	4.81	(7.88)	78.20	157.39	1.77
1939	Dry	(10.08)	(6.12)	(20.81)	(0.47)	0.07	(16.76)	(58.26)	9.44	247.07	4.67	(10.30)	(0.51)	11.50
1940	Above Normal	(3.72)	(117.15)	59.38	(19.61)	(16.93)	(4.66)	(0.24)	(0.29)	186.12	5.16	(0.15)	(0.17)	7.31
1941	Wet	(0.03)	0.45	(0.38)	(0.06)	(5.31)	(29.14)	(0.01)	(1.75)	147.95	133.46	9.80	(0.12)	21.24
1942	Wet	0.38	(0.12)	(0.04)	(6.26)	(3.24)	(3.66)	0.52	(2.04)	146.25	141.09	(2.64)	12.89	23.59
1943	Wet	(1.78)	(2.90)	(1.03)	(30.01)	(1.67)	11.91	13.93	(0.92)	140.25	123.97	17.22	(2.10)	22.24
1944	Dry	0.93	(0.28)	(8.48)	(81.62)	(73.22)	(25.17)	(1.36)	(0.83)	(0.54)	(1.38)	0.89	(2.45)	(16.13)
1945	Below Normal	(3.58)	(3.17)	(2.97)	(0.92)	(14.86)	(76.76)	0.83	0.88	157.49	136.92	0.77	2.09	16.39
1946	Below Normal	1.50	2.91	4.20	0.00	0.29	2.17	2.69	2.83	177.77	19.80	2.83	1.48	18.21
1947	Dry	1.89	2.31	1.97	4.63	1.01	(0.76)	(0.87)	1.64	1.46	2.27	2.36	1.56	1.62
1948	Below Normal	(0.47)	(0.54)	(1.56)	(10.68)	(9.62)	(3.26)	0.48	13.84	(0.19)	0.22	0.37	0.24	(0.93)
1949	Dry	0.32	0.36	0.16	(0.13)	0.14	(0.46)	(0.15)	0.57	0.53	0.75	0.66	0.52	0.27
1950	Below Normal	(1.01)	(0.08)	(0.37)	(5.62)	(5.00)	(1.58)	(0.11)	(0.14)	(0.05)	(0.17)	(0.17)	(0.14)	(1.20)
1951	Above Normal	(0.13)	(0.10)	(6.94)	(8.56)	7.77	0.00	0.00	0.00	165.18	127.51	0.00	(0.01)	23.73
1952	Wet	0.00	0.03	0.00	(1.87)	0.13	(0.58)	(2.74)	(28.98)	99.75	120.75	(27.60)	(2.78)	13.01
1953	Wet	(26.14)	(22.10)	24.66	(5.56)	(3.65)	(73.06)	(133.06)	(10.66)	183.91	(0.52)	(5.19)	(3.92)	(6.27)
1954	Above Normal	(3.05)	0.72	4.76	33.13	31.39	21.30	3.97	6.92	27.27	(3.65)	2.86	2.39	10.67
1955	Dry	2.66	2.14	1.58	1.72	0.15	(0.73)	(3.85)	(4.70)	(4.87)	(4.61)	(5.26)	(7.99)	(1.98)
1956	Wet	(3.74)	(3.22)	(33.55)	(97.70)	0.02	0.21	0.49	0.47	135.27	158.36	0.46	1.32	13.20
1957	Above Normal	0.46	0.43	0.37	(1.61)	(0.18)	(0.30)	0.25	1.97	186.70	5.51	0.23	0.19	16.17
1958	Wet	0.20	0.10	0.11	0.00	0.02	(0.75)	(3.19)	(5.15)	129.93	117.81	38.74	(0.34)	23.12
1959	Below Normal	(0.10)	(0.36)	(0.78)	(0.05)	(0.15)	(21.21)	(13.62)	(16.42)	(107.70)	3.32	1.23	1.76	(12.84)
1960	Dry	0.06	(2.74)	(0.73)	(2.56)	(2.27)	1.11	1.05	(1.39)	25.98	(7.67)	22.17	(16.03)	1.42
1961	Dry	(8.30)	(8.69)	(5.59)	10.64	9.42	3.69	1.16	1.42	1.47	1.46	7.52	(0.44)	1.15
1962	Below Normal	(0.22)	0.13	(0.24)	0.01	0.00	0.00	0.01	0.01	187.52	5.29	0.01	0.00	16.04
1963	Wet	0.01	0.01	0.01	0.00	(0.01)	(0.02)	0.00	(0.01)	178.93	113.75	(0.01)	(0.01)	24.39
1964	Dry	0.02	0.00	(0.06)	(0.03)	(0.23)	1.45	(0.29)	(0.29)	(0.31)	(0.28)	(0.20)	(0.24)	(0.04)
1965	Wet	(0.06)	(0.24)	(0.19)	0.08	1.47	(3.80)	0.20	1.27	176.98	108.46	3.22	2.94	24.19
1966	Below Normal	2.10	1.19	1.31	(4.33)	(4.26)	(1.98)	0.03	0.14	(0.59)	0.21	0.26	0.21	(0.48)
1967	Wet	0.50	0.09	0.04	(0.80)	(0.40)	(0.17)	(2.53)	(6.01)	133.48	142.96	(1.56)	(2.31)	21.94
1968	Below Normal	(3.17)	(0.55)	(25.83)	(2.85)	(0.06)	(23.31)	26.51	8.39	179.35	30.93	10.41	7.04	17.24
1969	Wet	(11.80)	(0.68)	(6.10)	(143.74)	27.91	15.43	(9.00)	5.14	143.52	(4.69)	106.56	25.94	12.37
1970	Wet	(3.02)	(4.18)	(3.24)	(11.62)	4.07	(1.96)	(14.92)	2.08	142.78	132.58	23.39	1.02	22.25
1971	Wet	2.14	1.21	1.50	6.30	(10.26)	(0.47)	(1.75)	(2.26)	(17.36)	0.65	0.32	0.29	(1.64)
1972	Below Normal	0.09	0.09	0.09	0.78	0.70	0.09	(0.19)	(0.47)	(0.47)	(0.54)	(0.45)	(0.37)	(0.05)
1973	Above Normal	(0.11)	(0.11)	(0.03)	1.04	0.85	2.21	(1.90)	0.19	154.70	138.14	(0.04)	0.05	24.58
1974	Wet	(0.83)	(0.60)	(0.27)	2.61	9.90	(79.64)	38.09	(5.55)	157.33	122.46	(6.75)	11.29	20.67
1975	Wet	(5.83)	(5.21)	(2.92)	(15.24)	(6.91)	(27.80)	6.64	6.68	166.46	139.85	6.85	6.21	22.40
1976	Critical	5.79	6.14	4.98	7.28	5.51	0.88	(3.15)	(3.82)	(2.77)	(4.74)	2.50	(5.77)	1.07
1977	Critical	(5.38)	(4.85)	(4.00)	(0.76)	(0.51)	(0.19)	19.65	0.00	0.26	(0.01)	(0.20)	(0.57)	0.29
1978	Above Normal	(0.57)	(2.28)	2.44	(0.06)	(11.71)	(29.72)	(8.39)	14.35	136.78	139.11	43.49	11.85	24.61
1979	Below Normal	(1.13)	(3.43)	(12.90)	(109.23)	(190.46)	(5.85)	81.56	6.51	173.94	127.63	2.69	28.71	8.17
1980	Above Normal	32.30	9.75	5.44	(98.84)	15.47	26.77	(27.57)	(24.93)	122.38	59.34	(35.25)	23.61	9.04
1981	Dry	(24.10)	(23.10)	(16.17)	16.46	(1.82)	67.28	12.50	16.10	294.89	1.62	(28.92)	6.23	26.75
1982	Wet	14.54	5.15	4.45	2.10	(0.52)	7.14	0.10	(6.58)	135.93	128.05	3.47	2.80	24.72
1983	Wet	(25.84)	60.15	2.55	0.00	(0.07)	(1.03)	0.00	0.00	148.55	0.00	111.33	30.55	27.18
1984	Wet	(3.45)	(0.02)	(0.22)	0.00	0.11	0.07	0.04	0.03	162.09	130.66	0.03	0.08	24.12
1985	Dry	0.03	0.03	0.04	(0.02)	(0.01)	(0.03)	0.01	0.01	0.01	0.01	0.00	0.01	0.01
1986	Wet	0.01	0.01	0.00	0.00	(71.12)	(170.07)	51.11	(0.24)	104.74	155.41	51.92	(37.38)	7.03
1987	Dry	4.64	5.31	(0.53)	3.85	0.05	0.21	(13.31)	(17.52)	(18.70)	(22.43)	(16.65)	(13.77)	(7.40)
1988	Critical	(9.45)	(7.27)	(4.85)	(2.56)	(1.64)	(0.35)	0.01	0.02	0.02	0.25	0.01	0.02	(2.15)
1989	Dry	0.01	0.05	(0.03)	(0.09)	(0.13)	(0.18)	(0.58)	(0.73)	(4.29)	(0.05)	(25.24)	6.72	(2.05)
1990	Critical	6.04	5.14	4.98	(0.16)	(0.07)	0.01	0.07	0.10	0.11	0.05	0.09	0.07	1.37
1991	Critical	0.04	0.03	0.00	0.00	(0.04)	(0.04)	(0.07)	(7.76)	0.03	2.44	1.80	1.43	(0.18)
1992	Critical	0.77	(7.64)	5.29	2.37	(0.05)	(0.09)	(0.03)	(0.04)	(0.04)	(0.71)	0.99	(2.16)	(0.11)
1993	Above Normal	(2.07)	(3.11)	6.23	(0.24)	(0.56)	(1.37)	(0.06)	0.73	179.68	107.61	2.31	2.03	24.27
1994	Critical	1.21	1.10	0.66	(3.26)	(2.82)	(1.22)	(0.10)	0.06	1.00	(0.12)	0.20	(0.07)	(0.28)
1995	Wet	(0.65)	0.45	(0.13)	(0.06)	(0.09)	(0.99)	(3.89)	(88.02)	120.54	0.80	110.17	25.23	13.61
1996	Wet	1.32	0.24	(1.12)	(387.59)	(305.71)	(144.18)	(15.81)	(16.71)	42.82	104.67	105.67	(10.19)	(52.22)
1997	Wet	(10.33)	(10.38)	(7.84)	(3.05)	(0.53)	(7.59)	5.26	0.29	148.24	163.17	4.20	2.36	23.65
1998	Wet	5.79	(3.48)	1.11	4.66	10.99	(3.27)	(3.07)	(29.75)	128.37	(21.46)	85.88	10.72	15.54
1999	Wet	14.58	(31.20)	9.82	1.14	(4.56)	(53.41)	(33.43)	1.62	128.08	115.88	51.57	(0.21)	16.66
2000	Above Normal	1.89	0.64	1.02	3.14	1.57	(6.24)	(1.61)	3.03	141.17	57.07	3.71	3.06	17.37
2001	Dry	(1.64)	(1.51)	(10.88)	(20.59)	(18.22)	(5.10)	3.01	3.96	4.24	10.04	3.61	3.05	(2.50)
2002	Dry	2.08	1.35	0.93	0.23	0.35	(0.31)	(2.05)	(2.07)	(2.19)	(2.02)	(2.29)	0.94	(0.42)
2003	Above Normal	(2.00)	18.16	(20.67)	6.34	5.71	2.11	(0.09)	(0.09)	(0.04)	(0.10)	(0.12)	(0.10)	0.76
	Average	1.04	10.92	31.64	(7.34)	(5.02)	(6.70)	4.55	(8.11)	51.00	38.60	4.13	(4.93)	9.15
	Wet	(9.47)	6.88	3.92	(26.94)	(14.05)	(22.23)	(4.13)	(13.31)	120.96	94.40	29.78	9.10	14.58
	Above Normal	3.31	(6.54)	4.84	(3.23)	1.85	0.22	(1.93)	2.53	74.98	74.75	11.65	12.11	14.55
	Below Normal	12.83	15.96	27.17	(9.06)	(15.09)	0.07	28.02	(32.05)	31.49	62.37	25.08	25.03	14.32
	Dry	(11.50)	14.72	86.01	3.52	(2.29)	(4.70)	(2.02)	(0.89)	6.02	12.16	9.07	1.78	9.33
	Critical	26.59	25.56	42.16	16.74	15.34	9.10	12.33	9.64	(34.38)	(106.54)	(90.82)	(97.42)	(14.31)

Percent Difference in Energy Use (GWh) At Pumping Plant at System Total: Alternative3_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%	21%	20%	2%	2%
1923	Below Normal	3%	3%	2%	1%	1%	17%	31%	-51%	-59%	30%	17%	16%
1924	Critical	30%	25%	44%	28%	34%	20%	13%	15%	-23%	-86%	-90%	-88%
1925	Dry	80%	202%	258%	23%	16%	-29%	-3%	-14%	-14%	-12%	-14%	-13%
1926	Dry	-17%	-18%	-14%	3%	1%	7%	5%	11%	-6%	11%	16%	7%
1927	Wet	-41%	34%	39%	7%	-4%	0%	-2%	-2%	-6%	16%	1%	1%
1928	Above Normal	3%	2%	1%	-2%	-2%	-2%	0%	1%	-75%	12%	12%	11%
1929	Critical	13%	15%	11%	-1%	0%	5%	24%	19%	-81%	-90%	-84%	-84%
1930	Dry	-73%	-60%	252%	37%	6%	5%	2%	0%	-73%	12%	18%	12%
1931	Critical	28%	32%	33%	10%	9%	11%	-3%	-3%	-3%	-37%	-91%	-91%
1932	Dry	-63%	36%	163%	11%	-1%	3%	3%	3%	25%	22%	16%	6%
1933	Critical	1%	3%	7%	28%	9%	-3%	-3%	-5%	-5%	-7%	-9%	-64%
1934	Critical	-18%	-3%	53%	2%	4%	8%	7%	7%	7%	-39%	-52%	-4%
1935	Below Normal	5%	14%	65%	8%	4%	4%	3%	-17%	-42%	1%	15%	16%
1936	Below Normal	22%	21%	18%	1%	-2%	-16%	13%	1%	19%	18%	1%	5%
1937	Below Normal	2%	1%	1%	-2%	0%	12%	0%	-1%	20%	14%	4%	0%
1938	Wet	0%	0%	-7%	-3%	1%	-1%	2%	-18%	1%	-1%	9%	22%
1939	Dry	-2%	-1%	-3%	0%	0%	-2%	-8%	1%	79%	0%	-1%	0%
1940	Above Normal	-1%	-29%	8%	-10%	-7%	-1%	0%	0%	28%	1%	0%	0%
1941	Wet	0%	0%	0%	0%	-1%	-3%	0%	0%	22%	17%	1%	0%
1942	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	20%	18%	0%	2%
1943	Wet	0%	-1%	0%	-3%	0%	1%	2%	0%	18%	14%	2%	0%
1944	Dry	0%	0%	-1%	-12%	-11%	-6%	0%	0%	0%	0%	0%	0%
1945	Below Normal	-1%	-1%	-1%	0%	-5%	-7%	0%	0%	21%	16%	0%	0%
1946	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	25%	2%	0%	0%
1947	Dry	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-2%	-2%	-1%	0%	3%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-1%	-1%	1%	0%	0%	0%	22%	16%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	-5%	14%	16%	-3%	0%
1953	Wet	-5%	-5%	3%	-1%	0%	-7%	-16%	-2%	27%	0%	-1%	-1%
1954	Above Normal	-1%	0%	1%	5%	5%	3%	1%	1%	4%	0%	0%	0%
1955	Dry	0%	0%	0%	1%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1956	Wet	-1%	-1%	-7%	-10%	0%	0%	0%	0%	16%	18%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	228%	1%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	15%	13%	4%	0%
1959	Below Normal	0%	0%	0%	0%	0%	-2%	-2%	-2%	-29%	0%	0%	0%
1960	Dry	0%	-1%	0%	-1%	-1%	0%	0%	0%	5%	-1%	3%	-2%
1961	Dry	-1%	-1%	-1%	3%	3%	1%	0%	0%	0%	0%	1%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	210%	1%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	25%	14%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	26%	14%	0%	0%
1966	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	16%	17%	0%	0%
1968	Below Normal	0%	0%	-4%	0%	0%	-2%	4%	1%	26%	4%	1%	1%
1969	Wet	-2%	0%	-1%	-20%	3%	2%	-1%	1%	19%	-1%	13%	4%
1970	Wet	0%	-1%	-1%	-1%	0%	0%	-2%	0%	20%	16%	3%	0%
1971	Wet	0%	0%	0%	1%	-1%	0%	0%	0%	-2%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	20%	16%	0%	0%
1974	Wet	0%	0%	0%	0%	1%	-8%	5%	-1%	20%	14%	-1%	1%
1975	Wet	-1%	-1%	0%	-2%	-1%	-3%	1%	1%	22%	17%	1%	1%
1976	Critical	1%	1%	1%	1%	1%	0%	-1%	-1%	-1%	-1%	0%	-1%
1977	Critical	-1%	-1%	-1%	0%	0%	0%	11%	0%	1%	0%	-1%	-1%
1978	Above Normal	-3%	-2%	0%	0%	-4%	-5%	-1%	2%	18%	17%	5%	2%
1979	Below Normal	0%	-1%	-2%	-13%	-21%	-1%	13%	1%	24%	15%	0%	4%
1980	Above Normal	5%	2%	1%	-11%	2%	3%	-5%	-4%	17%	7%	-4%	4%
1981	Dry	-4%	-5%	-3%	2%	0%	10%	2%	2%	170%	0%	-3%	1%
1982	Wet	2%	1%	1%	0%	0%	1%	0%	-1%	16%	15%	0%	0%
1983	Wet	-3%	9%	0%	0%	0%	0%	0%	0%	23%	0%	18%	5%
1984	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	22%	16%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-8%	-15%	8%	0%	13%	18%	6%	-5%
1987	Dry	1%	1%	0%	0%	0%	0%	-3%	-3%	-3%	-4%	-3%	-3%
1988	Critical	-4%	-4%	-2%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	-3%	1%
1990	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%
1992	Critical	0%	-6%	4%	2%	0%	0%	0%	0%	0%	-1%	3%	-1%
1993	Above Normal	-1%	-7%	1%	0%	0%	0%	0%	0%	34%	12%	0%	0%
1994	Critical	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	-1%	-10%	14%	0%	12%	3%
1996	Wet	0%	0%	0%	-45%	-30%	-16%	-2%	-2%	6%	12%	12%	-1%
1997	Wet	-2%	-2%	-1%	0%	0%	-1%	1%	0%	21%	21%	0%	0%
1998	Wet	1%	-1%	0%	1%	1%	0%	0%	-4%	16%	-3%	10%	1%
1999	Wet	2%	-4%	2%	0%	0%	-5%	-5%	0%	17%	14%	6%	0%
2000	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	18%	6%	0%	0%
2001	Dry	0%	0%	-2%	-5%	-5%	-1%	1%	1%	1%	2%	1%	1%
2002	Dry	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	5%	-3%	3%	2%	1%	0%	0%	0%	0%	0%	0%
	Average	-1%	3%	11%	1%	0%	0%	1%	-1%	13%	3%	-2%	-3%
	Wet	-2%	1%	1%	-3%	-2%	-2%	0%	-2%	16%	11%	4%	1%
	Above Normal	0%	-2%	1%	1%	0%	0%	0%	0%	28%	9%	1%	2%
	Below Normal	2%	3%	6%	-1%	-2%	0%	4%	-5%	15%	7%	3%	3%
	Dry	-4%	9%	36%	3%	0%	-1%	0%	0%	10%	2%	2%	0%
	Critical	4%	5%	13%	6%	5%	3%	4%	2%	-9%	-22%	-27%	-28%

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: Alternative3_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	72.77	59.80	47.47	16.77	21.94	36.63	47.92	47.59	60.10	60.23	51.47	45.49	568.18
1923	Below Normal	40.88	36.38	31.39	62.73	60.56	71.21	56.70	24.37	15.99	71.95	65.01	57.15	594.32
1924	Critical	47.59	42.24	34.71	31.26	30.39	22.20	28.02	34.16	23.79	2.20	2.04	1.67	300.27
1925	Dry	29.44	40.46	53.42	10.59	12.07	17.53	39.05	45.04	45.31	48.36	48.46	42.24	431.97
1926	Dry	31.70	27.86	21.43	14.20	15.29	22.85	33.11	50.93	43.46	56.50	56.68	47.00	421.01
1927	Wet	19.61	45.07	34.78	13.71	18.77	42.88	49.12	48.84	49.15	62.08	54.41	48.81	487.23
1928	Above Normal	44.63	39.89	34.95	52.86	52.34	32.72	50.19	49.93	9.50	58.63	60.36	54.28	540.28
1929	Critical	49.24	44.23	38.57	49.02	46.14	27.88	26.61	32.58	5.43	2.21	2.08	1.66	325.65
1930	Dry	4.04	3.78	45.36	9.95	11.62	16.03	35.18	40.89	10.44	50.44	49.09	42.80	319.62
1931	Critical	30.38	26.06	19.99	12.38	13.48	15.75	27.26	33.08	33.70	22.64	2.09	1.64	238.45
1932	Dry	6.21	16.65	53.64	9.90	12.47	19.74	36.32	41.81	51.84	56.70	45.56	39.21	390.05
1933	Critical	29.15	25.54	19.50	12.99	13.89	16.47	30.50	37.40	38.52	38.53	34.31	11.81	308.61
1934	Critical	15.38	14.24	22.11	9.91	11.21	16.29	32.13	39.02	39.90	23.61	2.07	1.67	227.54
1935	Below Normal	22.48	44.25	52.46	10.38	12.87	18.57	46.68	44.79	16.30	64.07	73.69	65.56	472.10
1936	Below Normal	50.75	44.98	35.36	13.88	16.98	41.76	52.69	52.66	64.51	65.96	56.21	50.28	546.02
1937	Below Normal	46.02	41.19	36.07	56.13	59.13	68.41	45.13	49.55	62.11	61.05	54.54	47.07	626.40
1938	Wet	42.44	37.90	32.89	62.72	60.58	67.14	43.92	46.00	51.14	47.73	58.74	53.82	605.02
1939	Dry	39.10	34.74	30.96	63.04	60.89	70.66	46.84	51.83	42.19	60.78	43.98	58.74	603.75
1940	Above Normal	46.82	19.93	50.10	7.09	8.90	23.59	45.07	53.53	59.85	59.80	59.63	52.04	486.35
1941	Wet	39.93	35.29	27.50	19.75	25.67	61.20	37.84	42.96	55.16	54.71	47.44	40.88	488.33
1942	Wet	36.20	32.17	27.47	62.73	60.57	71.16	55.38	45.72	58.12	58.21	49.24	43.71	600.68
1943	Wet	39.38	35.03	30.28	54.36	60.52	59.42	53.84	51.60	63.98	62.84	57.02	49.31	617.58
1944	Dry	44.79	39.99	34.79	39.77	37.20	25.47	35.46	41.58	41.76	44.03	43.14	37.46	465.44
1945	Below Normal	26.28	22.32	17.05	13.16	14.41	60.13	46.19	49.98	63.15	61.89	53.30	47.68	475.54
1946	Below Normal	43.45	38.81	45.38	57.08	42.86	46.64	47.48	47.47	61.78	50.17	50.84	45.41	577.37
1947	Dry	41.15	36.73	31.94	54.84	53.25	34.40	49.01	52.79	53.50	55.61	56.44	49.88	569.54
1948	Below Normal	41.36	36.78	30.23	31.32	29.77	19.91	29.97	38.88	4.41	61.87	61.81	54.11	440.42
1949	Dry	41.48	36.75	28.67	14.49	15.38	19.68	49.11	51.99	52.92	54.69	55.60	49.23	469.99
1950	Below Normal	41.37	36.84	30.56	13.10	13.48	16.62	41.37	47.75	1.78	61.55	61.24	53.34	419.00
1951	Above Normal	40.77	35.90	33.16	62.37	55.52	66.45	42.80	48.78	62.52	59.89	52.22	46.68	607.06
1952	Wet	42.41	37.85	32.94	62.67	62.35	45.87	39.72	39.82	51.71	52.19	43.26	37.85	548.64
1953	Wet	33.22	29.37	47.70	62.73	60.55	66.35	48.32	45.23	60.16	47.63	48.69	43.18	593.13
1954	Above Normal	37.16	32.95	27.67	43.29	43.31	41.86	45.78	53.17	53.45	54.27	58.35	50.91	542.17
1955	Dry	39.02	34.42	26.75	14.44	17.01	22.66	38.13	44.09	44.18	47.25	47.48	41.40	416.83
1956	Wet	31.02	27.20	20.90	44.99	57.12	67.55	49.04	53.24	64.91	66.94	57.21	51.08	591.20
1957	Above Normal	46.69	41.74	36.40	63.23	60.10	40.41	38.13	33.32	16.30	59.20	58.31	50.90	544.73
1958	Wet	38.63	34.00	26.43	11.70	29.39	61.00	48.96	53.49	65.08	64.39	60.96	51.11	545.14
1959	Below Normal	46.48	41.44	35.98	63.24	60.99	64.39	42.51	48.96	17.64	59.49	59.44	52.04	592.60
1960	Dry	39.83	35.22	27.35	12.63	12.98	17.56	48.47	55.45	41.30	62.69	49.41	59.40	462.29
1961	Dry	46.86	41.67	32.98	17.70	18.45	17.65	41.18	47.48	47.98	51.11	43.91	29.11	436.08
1962	Below Normal	8.22	41.48	45.80	7.23	8.49	22.09	41.65	48.46	16.65	62.84	62.20	54.24	419.35
1963	Wet	41.50	36.60	28.61	25.90	30.15	40.39	46.58	46.88	61.46	56.85	50.16	44.84	509.92
1964	Dry	40.62	36.20	45.95	48.12	31.31	33.27	49.88	48.70	49.80	50.08	52.03	46.50	532.46
1965	Wet	42.37	37.78	32.99	50.85	53.59	43.61	45.85	45.60	58.47	55.51	49.16	43.78	559.56
1966	Below Normal	38.95	34.63	29.71	56.39	58.61	45.20	44.00	50.18	47.45	54.36	55.32	48.19	562.99
1967	Wet	37.57	33.06	25.92	16.20	33.09	42.19	49.93	49.80	62.28	62.45	53.61	47.60	513.70
1968	Below Normal	43.14	38.46	33.39	62.70	62.69	65.66	51.50	48.07	61.84	52.70	52.23	45.75	618.13
1969	Wet	36.86	32.50	26.06	35.03	60.32	68.24	42.08	46.69	59.05	48.32	59.45	47.15	561.75
1970	Wet	43.20	32.30	30.47	62.77	60.60	69.19	44.30	48.86	60.75	60.14	53.99	46.70	613.27
1971	Wet	42.48	37.88	33.00	62.67	60.49	51.76	42.19	49.57	48.45	53.71	54.42	47.32	583.94
1972	Below Normal	36.15	31.78	24.61	13.50	26.11	37.18	45.22	50.90	51.47	54.36	55.15	48.19	474.62
1973	Above Normal	38.08	33.62	26.63	20.02	37.91	50.30	44.75	50.25	63.30	62.15	53.58	47.90	528.49
1974	Wet	43.68	39.00	34.08	62.68	60.53	62.03	53.54	48.93	62.69	60.30	52.62	46.85	626.93
1975	Wet	42.46	37.79	32.78	61.89	60.45	58.55	50.58	49.57	62.95	61.09	52.73	47.24	618.08
1976	Critical	42.96	38.39	33.58	54.17	53.13	34.11	42.67	49.61	22.69	59.03	44.71	56.19	531.24
1977	Critical	43.18	38.29	29.80	12.61	13.04	13.59	14.27	2.98	1.90	2.40	2.12	1.70	175.88
1978	Above Normal	0.69	10.27	32.63	7.18	12.77	33.61	45.78	46.90	59.13	57.69	52.23	44.45	403.33
1979	Below Normal	38.70	34.33	29.11	44.20	43.06	49.84	48.85	48.06	62.16	58.84	51.24	45.72	554.11
1980	Above Normal	41.38	36.89	32.18	53.99	62.65	70.09	39.54	44.43	56.70	54.96	50.30	42.38	585.49
1981	Dry	37.79	33.58	28.81	62.94	60.92	50.98	42.81	50.57	33.36	61.65	54.50	55.72	573.63
1982	Wet	42.74	37.92	29.52	24.41	29.13	69.00	50.78	50.04	64.07	63.16	56.12	49.50	566.39
1983	Wet	44.83	46.41	65.70	62.77	60.59	68.20	35.60	37.60	55.49	44.69	46.24	39.74	607.86
1984	Wet	38.00	34.25	65.93	62.79	62.75	68.39	43.21	49.41	62.78	60.82	52.89	47.33	648.55
1985	Dry	43.01	38.44	45.78	55.63	56.89	52.96	46.68	46.61	47.75	47.89	49.68	44.39	575.71
1986	Wet	40.23	35.91	31.27	51.57	48.26	54.74	50.36	50.72	60.14	64.29	57.22	48.43	593.14
1987	Dry	43.87	39.25	34.01	63.27	60.51	33.96	29.79	36.35	37.31	37.07	33.17	28.26	476.82
1988	Critical	15.28	10.87	8.93	7.42	11.13	12.63	21.53	25.50	25.77	25.94	23.06	19.59	207.65
1989	Dry	9.65	7.09	6.01	4.92	9.71	12.58	47.08	55.40	42.10	62.61	56.34	56.95	370.44
1990	Critical	43.96	38.97	30.38	13.26	14.25	15.89	27.13	32.82	33.59	33.56	29.89	25.44	339.14
1991	Critical	13.36	9.45	7.93	6.75	9.37	12.33	21.84	24.28	15.74	30.13	26.56	22.79	200.53
1992	Critical	11.35	7.18	7.33	5.96	8.92	11.85	21.58	25.58	25.76	2.18	2.07	20.30	150.06
1993	Above Normal	26.97	2.43	32.83	7.74	23.35	35.14	45.93	48.50	47.63	62.01	55.24	48.88	436.65
1994	Critical	41.34	36.77	30.52	37.57	35.99	29.12	39.25	45.22	38.42	50.10	16.30	44.84	445.44
1995	Wet	9.96	29.73	55.82	7.15	20.38	31.23	53.19	52.35	64.42	54.16	65.04	52.63	496.06
1996	Wet	45.68	40.80	35.58	30.41	36.72	43.20	49.98	48.79	54.30	59.10	61.22	46.62	552.40
1997	Wet	42.38	37.86	33.02	62.67	60.51	71.02	45.39	47.07	59.39	59.30	50.94	44.92	614.47
1998	Wet	40.38	35.96	31.03	62.47	60.54	62.84	46.03	45.78	58.13	47.48	58.25	46.21	595.10
1999	Wet	44.69	40.41	40.45	62.72	60.54	60.74	45.35	48.91	59.60	59.22	56.51	46.96	626.10
2000	Above Normal	42.69	38.14	33.20	57.41	55.46	43.20	46.49	52.93	64.00	60.97	57.36	50.17	602.02
2001	Dry	39.36	34.85	27.56	19.09	18.72	18.14	31.26	38.53	39.56	39.65	35.42	30.14	372.28
2002	Dry	16.36	11.81	9.51	6.46	14.12	23.24	50.64	49.31	50.30	50.74	52.50	47.03	382.02
2003	Above Normal	42.82	27.24	44.40	9.34	15.26	23.28	39.23	45.34	5.58	57.33	57.14	49.98	416.94
	Average	36.40	33.22	32.81	35.15	36.99	41.10	42.38	45.12	45.36	52.02	48.13	43.01	491.70
	Wet	38.53	36.16	35.12	46.17	49.78	58.00	46.96	47.83	58.99	57.20	54.14	46.68	575.55
	Above Normal	40.12	31.57	35.97	33.44	37.46	41.44	44.30	47.89	46.51	58.93	55.52	48.67	521.81
	Below Normal	37.45	37.41	34.08	36.07	36.43	44.83	45.71	46.43	39.09	60.08	58.02	51.05	526.64
	Dry	33.02	30.53	32.50	29.00	28.82	28.30	41.67	47.19	43.06	52.10	48.52	44.75	459.44
	Critical	31.93	27.69	23.61	21.11	21.75	19.01	27.73	31.85	25.43	24.38	15.61	17.44	287.54

Difference in Energy Use (GWh) At Pumping Plant at Tracy: Alternative3_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.05	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1923	Below Normal	1.61	4.76	0.00	(0.73)	(2.41)	0.06	0.00	0.00	(4.72)	0.00	(1.67)	0.00	(0.26)
1924	Critical	0.00	(7.24)	(7.34)	6.42	0.00	0.00	0.00	0.01	0.01	0.00	4.21	0.07	(0.32)
1925	Dry	(0.01)	0.00	0.02	0.00	0.00	0.02	0.00	(0.01)	(4.77)	(0.67)	2.14	(1.06)	(0.36)
1926	Dry	0.11	3.66	0.02	0.00	0.00	0.00	0.00	0.48	0.00	5.44	(18.23)	0.89	(0.64)
1927	Wet	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	(0.30)	0.07
1928	Above Normal	0.38	(0.20)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.18)	0.00	0.26	0.02
1929	Critical	0.02	0.30	0.00	0.00	0.00	0.05	0.00	0.00	0.00	(0.07)	0.00	0.12	0.04
1930	Dry	(0.10)	(0.72)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	(0.02)	0.07	(0.06)
1931	Critical	(0.04)	(0.05)	(0.03)	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.01)
1932	Dry	(0.01)	0.00	0.00	0.00	0.27	(0.02)	0.00	0.00	0.00	0.00	(0.09)	0.00	0.01
1933	Critical	15.52	10.72	0.02	(17.94)	(7.93)	0.00	0.00	0.00	(0.01)	0.00	(0.40)	(3.07)	(0.26)
1934	Critical	0.83	(2.33)	1.83	(0.23)	(0.24)	0.01	0.00	0.00	0.00	0.00	0.00	0.02	(0.01)
1935	Below Normal	(9.01)	0.09	(2.40)	0.00	(0.01)	0.00	0.00	0.00	(0.02)	(0.11)	(0.07)	(0.01)	(0.96)
1936	Below Normal	(0.02)	(0.04)	(0.02)	0.00	9.67	1.51	0.00	0.00	0.00	0.19	(0.01)	0.00	0.94
1937	Below Normal	5.25	0.01	2.13	10.02	0.01	8.36	(1.97)	(4.88)	(6.86)	0.31	(0.03)	0.00	1.03
1938	Wet	(0.02)	0.00	15.52	14.19	1.09	8.10	(3.48)	(26.11)	0.00	0.00	0.00	0.00	0.77
1939	Dry	0.28	3.76	0.00	0.00	0.00	0.00	0.00	0.89	(0.01)	0.00	(2.93)	(1.42)	0.05
1940	Above Normal	5.24	0.10	0.01	0.08	0.00	0.00	0.00	0.00	0.01	(0.04)	4.62	6.27	1.36
1941	Wet	0.08	(2.51)	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)	5.18	0.00	0.00	0.00	0.39
1944	Dry	(0.01)	1.59	(0.16)	0.00	0.00	0.00	0.00	0.00	0.00	(1.37)	(1.40)	(0.15)	(0.12)
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)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.54)	(0.38)	(0.08)
1948	Below Normal	0.17	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.02
1949	Dry	0.00	0.00	(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	(0.10)	4.45	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.36
1952	Wet	0.00	(0.01)	0.00	(0.51)	0.14	0.00	(2.12)	(5.26)	0.00	0.00	0.00	0.00	(0.65)
1953	Wet	(0.61)	1.76	0.00	(6.59)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.45)
1954	Above Normal	0.02	(1.36)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.11)
1955	Dry	0.14	0.09	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.12)	0.00	0.01
1956	Wet	0.00	0.07	0.00	0.00	0.00	6.10	0.00	0.00	0.00	0.00	0.00	0.00	0.51
1957	Above Normal	0.00	0.00	0.00	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	8.10	(2.56)	(4.12)	0.00	0.00	0.00	0.00	0.12
1959	Below Normal	(0.01)	0.00	(0.02)	(0.01)	0.00	1.99	0.01	0.00	0.00	0.00	0.00	(0.25)	0.14
1960	Dry	0.02	0.01	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.15)	0.03	(0.01)
1961	Dry	(0.02)	(0.04)	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	(0.01)	0.02	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.48)	(0.04)
1964	Dry	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.82)	(0.07)
1967	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	(2.19)	(4.23)	0.00	0.00	0.00	0.48	(0.50)
1968	Below Normal	(0.88)	31.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58
1969	Wet	0.00	0.36	0.00	(7.53)	1.28	0.00	(3.82)	3.81	0.00	0.00	0.00	2.59	(0.28)
1970	Wet	(0.10)	0.00	0.00	0.00	(3.49)	0.24	0.00	0.00	0.00	0.09	0.00	(0.54)	(0.32)
1971	Wet	0.23	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.02
1972	Below Normal	0.01	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1973	Above Normal	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.79	1.31
1974	Wet	(9.76)	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	0.03	0.07
1977	Critical	(0.56)	(0.07)	(0.08)	(0.09)	(0.09)	0.00	0.00	0.00	(0.01)	0.00	(0.20)	0.00	(0.09)
1978	Above Normal	0.07	(0.17)	0.07	0.00	(3.52)	(2.34)	(4.65)	(4.89)	(1.46)	0.00	0.00	0.00	(1.41)
1979	Below Normal	(0.08)	9.14	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.78
1980	Above Normal	(2.79)	2.18	0.00	(5.16)	5.38	(0.23)	0.01	0.00	(0.79)	0.00	0.00	17.25	1.32
1981	Dry	(6.33)	(10.36)	0.00	0.00	0.00	(6.59)	0.00	0.00	0.00	0.00	(0.08)	(1.33)	(2.06)
1982	Wet	(0.01)	0.00	0.00	0.00	0.00	8.11	0.00	(5.35)	0.00	0.00	0.00	0.00	0.23
1983	Wet	0.00	0.00	0.00	17.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.44
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	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.59)	(0.09)	0.14	(0.04)
1989	Dry	0.02	0.00	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	(0.04)	0.01
1990	Critical	(0.01)	(0.02)	(0.02)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01	0.04	0.00	0.00
1991	Critical	0.00	0.03	(0.04)	0.00	0.01	0.00	(0.01)	0.00	0.00	(0.47)	0.25	(0.04)	(0.02)
1992	Critical	(0.01)	0.03	0.02	(0.17)	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.06)	(0.02)
1993	Above Normal	0.01	(0.03)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	(0.01)	(0.19)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1995	Wet	0.01	0.00	(0.01)	(0.02)	0.00	0.00	(3.11)	(25.66)	0.00	0.00	0.00	0.00	(2.40)
1996	Wet	(0.03)	21.92	0.00	0.00	0.00	0.00	0.00	(0.03)	0.00	0.00	0.00	0.00	1.82
1997	Wet	(0.02)	0.00	0.00	0.00	0.00	3.30	0.00	0.00	0.66	(10.91)	0.00	0.00	(0.58)
1998	Wet	1.24	(2.13)	0.00	(0.04)	0.00	0.00	(2.04)	(4.03)	0.00	0.00	0.00	0.00	(0.58)
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.95)	(0.08)
2000	Above Normal	0.62	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.06
2001	Dry	(0.07)	0.00	1.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.85)	0.02	0.04
2002	Dry	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.38)	(0.03)
2003	Above Normal	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.01
	Average	(0.04)	0.85	0.13	0.07	(0.00)	0.74	(0.32)	(1.02)	(0.18)	(0.10)	(0.18)	0.40	0.03
	Wet	(0.34)	0.75	0.60	0.53	(0.03)	2.01	(0.77)	(2.90)	0.16	(0.42)	0.05	0.03	(0.03)
	Above Normal	0.29	0.05	0.02	(0.43)	0.53	(0.21)	(0.39)	(0.41)	(0.19)	(0.01)	0.39	3.30	0.24
	Below Normal	(0.56)	3.27	(0.01)	0.66	0.14	1.21	(0.14)	(0.35)	(0.83)	0.03	(0.13)	(0.08)	0.27
	Dry	(0.32)	0.14	0.06	0.00	0.01	(0.37)	0.00	0.08	(0.27)	0.16	(1.26)	(0.21)	(0.16)
	Critical	1.31	0.12	(0.47)	(1.00)	(0.69)	0.01	(0.00)	0.00	(0.00)	(0.05)	0.32	(0.23)	(0.06)

Percent Difference in Energy Use (GWh) At Pumping Plant at Tracy: Alternative3_2005 minus Existing_2005

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	3%	8%	0%	-1%	-4%	0%	0%	0%	-10%	0%	-3%	0%
1924	Critical	0%	-11%	-13%	13%	0%	0%	0%	0%	0%	0%	23%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-11%	-1%	4%	-2%
1926	Dry	0%	6%	0%	0%	0%	0%	0%	4%	0%	11%	-43%	2%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	-1%
1928	Above Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	34%	26%	0%	-32%	-35%	0%	0%	0%	0%	0%	-1%	-5%
1934	Critical	2%	-7%	5%	-3%	-2%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	-22%	0%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	45%	5%	0%	0%	0%	0%	0%	0%
1937	Below Normal	8%	0%	4%	30%	0%	51%	-12%	-27%	-33%	1%	0%	0%
1938	Wet	0%	0%	30%	117%	9%	27%	-10%	-41%	0%	0%	0%	0%
1939	Dry	0%	33%	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%	10%	0%	0%	0%
1944	Dry	0%	3%	0%	0%	0%	0%	0%	0%	0%	-2%	-3%	0%
1945	Below Normal	0%	0%	0%	0%	-10%	8%	0%	0%	0%	0%	0%	0%
1946	Below Normal	-8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	28%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	-1%	0%	0%	-10%	-16%	0%	0%	0%	0%
1953	Wet	-1%	3%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	23%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	14%	-8%	-14%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	4%	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%	-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%	-1%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	42%
1974	Wet	-15%	0%	0%	-4%	0%	26%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%
1977	Critical	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	-1%	0%	0%	-6%	-3%	-19%	-23%	-2%	0%	0%	0%
1979	Below Normal	0%	16%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-4%	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%	-1%	0%	0%
1992	Critical	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	-13%	-41%	0%	0%	0%	0%
1996	Wet	0%	72%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	6%	0%	0%	1%	-17%	0%	0%
1998	Wet	3%	-6%	0%	0%	0%	0%	-8%	-13%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
2000	Above Normal	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	3%	0%	2%	0%	2%	-1%	-3%	-1%	0%	0%	1%
	Wet	0%	2%	1%	6%	0%	5%	-3%	-7%	0%	-1%	0%	0%
	Above Normal	1%	0%	0%	-1%	3%	0%	-2%	-2%	0%	0%	1%	9%
	Below Normal	-1%	9%	0%	2%	2%	5%	-1%	-2%	-3%	0%	0%	0%
	Dry	-1%	2%	0%	0%	0%	-1%	0%	1%	-1%	0%	-3%	0%
	Critical	3%	1%	-1%	-2%	-3%	0%	0%	0%	0%	0%	2%	0%