Hydropower Modeling Attachment: Alternative Plan 1, SWP, Future 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: CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	11.23	10.87	11.23	3.30	9.14	9.86	9.65	10.15	10.11	10.38	10.51	10.04	116.47
1923	Below Normal	9.44	8.66	8.59	11.23	10.15	9.77	7.44	9.51	9.62	9.66	10.53	9.77	114.37
1924	Critical	8.12	7.25	6.55	2.43	2.78	2.82	4.62	6.31	6.56	5.92	5.90	5.55	64.81
1925	Dry	3.70	2.91	2.55	0.71	1.36	4.10	8.44	10.90	10.87	11.03	11.23	10.87	78.67
1926	Dry	9.13	8.19	7.19	0.78	1.76	3.61	6.40	8.96	9.18	9.08	10.21	9.35	83.84
1927	Wet	7.50	6.70	5.90	1.47	6.11	11.12	10.51	10.97	10.87	11.22	11.23	10.80	104.40
1928	Above Normal	10.38	9.59	9.59	7.47	8.75	5.33	10.87	11.23	10.87	11.23	11.23	10.87	117.41
1929	Critical	11.23	10.87	10.96	7.71	7.28	3.74	4.28	6.98	7.22	6.52	6.53	0.82	84.14
1930	Dry	3.93	5.14	4.97	0.69	1.67	2.47	6.84	8.97	9.29	8.70	9.17	8.56	70.40
1931	Critical	6.21	5.22	4.59	0.70	1.63	2.71	5.79	7.75	8.01	7.23	7.23	6.79	63.86
1932	Dry	4.58	3.62	3.16	0.93	2.48	4.05	6.37	8.33	8.54	8.42	9.33	8.58	68.39
1933	Critical	6.75	5.98	5.28	0.73	6.61	3.34	6.40	8.82	9.10	8.62	9.16	8.52	79.31
1934	Critical	6.28	5.30	4.67	0.73	1.47	2.86	6.68	8.96	9.26	8.36	3.58	0.29	58.44
1935	Below Normal	9.55	7.84	6.39	0.71	2.29	3.67	10.76	11.23	10.87	11.23	11.23	10.87	96.64
1936	Below Normal	10.68	9.80	9.49	5.41	6.09	11.23	10.87	11.23	10.87	11.23	11.23	10.87	119.00
1937	Below Normal	11.23	10.71	10.70	8.05	10.15	10.83	10.87	11.23	10.87	11.23	11.23	10.87	127.97
1938	Wet	11.23	10.87	11.23	9.18	10.15	11.23	10.87	11.23	10.87	11.23	11.23	10.87	130.19
1939	Dry	11.23	10.87	11.23	9.70	10.15	7.08	8.67	10.93	1.42	11.23	1.89	10.87	105.27
1940	Above Normal	1.02	0.67	9.42	0.74	1.40	4.64	8.49	10.99	6.64	10.66	11.23	10.87	76.77
1941	Wet	9.62	8.63	7.55	4.86	9.70	10.73	10.87	11.23	10.87	11.23	11.23	10.87	117.39
1942	Wet	11.23	10.60	10.61	11.23	10.15	11.23	8.36	9.59	9.67	9.78	10.36	9.71	122.52
1943	Wet	8.46	7.63	7.16	11.00	10.15	10.71	10.87	11.23	10.87	11.23	11.23	10.87	121.41
1944	Dry	11.23	0.23	11.23	5.31	5.15	4.18	6.86	8.96	9.19	8.76	9.39	8.74	89.23
1945	Below Normal	6.50	5.55	4.89	1.32	2.29	11.23	10.87	11.23	10.87	11.23	11.23	10.87	98.08
1946	Below Normal	11.21	10.38	10.37	11.23	10.15	11.23	8.65	9.41	9.38	9.64	9.78	9.32	120.75
1947	Dry	8.71	7.97	7.88	6.71	6.96	4.91	10.87	11.23	10.87	11.23	11.23	10.87	109.44
1948	Below Normal	11.23	10.87	10.90	6.89	6.56	3.62	5.74	1.23	0.83	11.23	11.23	10.87	91.20
1949	Dry	9.79	8.85	7.81	1.23	2.13	3.31	9.56	11.23	10.87	11.23	4.18	10.87	91.06
1950	Below Normal	10.45	2.07	3.05	1.14	1.49	2.82	7.80	9.80	0.31	11.23	11.23	10.87	72.26
1951	Above Normal	9.52	8.54	7.52	11.23	10.15	11.23	9.70	10.65	10.59	10.91	10.92	10.49	121.45
1952	Wet	10.07	9.27	9.30	11.23	10.51	11.23	10.87	11.23	10.87	11.23	11.23	10.87	127.91
1953	Wet	11.23	10.87	11.23	11.23	10.15	6.86	7.05	9.15	1.35	10.36	11.23	10.55	111.26
1954	Above Normal	8.35	7.47	6.57	1.41	6.65	5.06	8.11	10.39	9.51	9.94	11.23	10.87	95.56
1955	Dry	8.80	7.86	6.88	1.46	2.78	4.17	7.33	9.27	9.46	9.40	10.50	9.64	87.55
1956	Wet	7.69	6.86	6.04	8.73	10.51	11.23	10.87	11.23	10.87	11.23	11.23	10.87	117.36
1957	Above Normal	11.23	10.55	10.57	9.32	8.91	8.21	8.43	10.81	4.82	11.21	11.23	10.87	116.16
1958	Wet	9.60	8.63	7.56	1.69	10.15	10.95	10.87	11.23	10.87	11.23	11.23	10.87	114.88
1959	Below Normal	11.23	1.18	11.23	5.89	6.37	5.41	7.21	9.02	0.33	10.92	11.23	10.87	90.89
1960	Dry	8.73	7.79	6.87	0.73	1.15	3.25	9.68	11.23	6.98	11.23	8.40	10.87	86.91
1961	Dry	11.09	10.03	9.06	2.14	2.70	2.79	7.51	9.42	9.67	9.56	7.13	3.05	84.15
1962	Below Normal	0.10	5.32	6.59	0.77	1.27	4.25	7.98	10.15	0.32	11.23	11.23	10.87	70.08
1963	Wet	9.89	8.87	7.81	9.16	9.54	9.03	8.42	9.54	9.54	9.75	10.04	9.52	111.11
1964	Dry	8.69	7.90	7.68	6.94	10.51	9.33	9.52	10.25	10.25	10.48	10.76	10.20	112.51
1965	Wet	9.39	8.57	8.36	10.29	10.15	11.14	8.96	9.81	3.81	10.72	11.09	10.49	112.78
1966	Below Normal	9.46	8.62	8.30	11.23	10.15	8.72	7.69	9.56	9.70	9.71	10.55	9.79	113.48
1967	Wet	8.19	7.33	6.65	3.27	10.15	11.23	10.87	11.23	10.87	11.23	11.23	10.87	113.12
1968	Below Normal	11.23	10.87	11.23	6.62	8.07	5.89	7.33	9.23	0.35	11.16	11.23	10.87	104.08
1969	Wet	8.88	7.94	6.99	8.42	10.15	11.23	10.87	11.23	10.87	11.23	11.23	10.87	119.91
1970	Wet	11.23	10.87	11.23	11.23	10.15	11.23	9.92	10.47	10.41	10.72	10.73	10.30	128.49
1971	Wet	9.89	9.10	9.12	11.23	10.15	10.68	7.70	9.63	9.76	9.80	10.60	9.85	117.51
1972	Below Normal	8.29	7.43	6.79	5.43	10.50	8.71	8.13	9.97	10.15	10.10	11.12	10.27	106.89
1973	Above Normal	8.41	7.53	6.74	2.71	10.15	11.10	10.36	11.23	10.87	11.23	11.23	10.87	112.43
1974	Wet	10.65	9.81	9.83	11.23	10.15	11.23	10.87	11.23	10.87	11.23	11.23	10.87	129.20
1975	Wet	10.79	9.93	9.95	11.23	10.08	11.23	10.76	11.13	10.87	11.23	11.23	10.87	129.30
1976	Critical	10.52	9.73	9.73	7.65	7.99	5.93	8.29	10.49	7.85	10.90	6.17	10.87	106.12
1977	Critical	9.83	8.82	5.78	0.76	1.18	1.62	3.26	0.30	0.00	0.36	0.62	0.31	32.84
1978	Above Normal	0.11	2.92	6.74	0.67	2.87	9.82	9.91	11.15	10.87	11.23	11.23	10.87	88.39
1979	Below Normal	10.25	9.38	9.17	6.46	6.68	11.23	10.87	11.23	10.87	11.23	11.23	10.87	119.47
1980	Above Normal	11.00	10.18	10.16	8.12	10.51	11.23	10.87	11.23	10.87	11.23	11.23	10.87	127.50
1981	Dry	11.23	9.84	11.23	6.41	6.41	5.09	7.58	9.81	0.37	11.23	11.23	10.87	101.30
1982	Wet	9.51	8.52	7.50	7.84	9.93	10.87	10.87	11.23	10.87	11.23	11.23	10.87	120.47
1983	Wet	11.23	10.87	11.23	11.23	10.15	11.23	10.87	11.23	10.87	11.23	11.23	10.87	132.24
1984	Wet	11.23	10.87	11.23	11.23	10.51	11.23	9.56	10.60	10.52	10.87	10.88	10.45	129.18
1985	Dry	10.01	9.23	9.28	11.23	9.21	10.38	9.86	10.47	10.43	10.73	10.74	10.30	121.87
1986	Wet	9.90	9.12	9.14	7.83	8.32	11.23	10.87	11.23	10.87	11.23	11.23	10.87	121.84
1987	Dry	11.23	1.19	11.23	5.36	5.21	2.92	4.43	5.86	6.08	5.49	5.50	5.17	69.67
1988	Critical	3.48	2.72	2.39	0.72	1.92	1.63	3.35	4.60	4.79	4.37	4.33	4.05	38.35
1989	Dry	2.68	2.05	1.83	1.01	2.04	2.44	10.71	11.23	10.87	11.23	11.23	10.87	78.19
1990	Critical	10.88	9.96	9.59	5.09	5.08	3.55	5.08	6.75	7.01	6.33	6.33	5.95	81.60
1991	Critical	4.01	3.15	2.76	0.70	1.19	1.63	3.47	4.57	4.76	4.35	4.32	4.06	38.97
1992	Critical	2.70	2.07	1.84	0.69	1.18	1.62	4.65	6.17	6.39	5.77	5.52	5.52	44.12
1993	Above Normal	2.50	2.03	3.88	0.73	9.82	9.55	8.87	10.16	1.61	11.23	11.23	10.87	82.48
1994	Critical	9.95	9.04	8.47	4.41	4.95	5.33	8.33	10.50	4.48	11.23	1.80	4.20	82.69
1995	Wet	0.68	1.12	10.21	0.77	7.71	6.41	10.87	11.23	10.87	11.23	11.23	10.87	93.20
1996	Wet	11.23	3.22	6.45	6.50	5.72	9.50	10.22	10.52	10.43	10.77	10.80	10.35	105.71
1997	Wet	9.94	9.18	9.20	11.23	10.15	11.23	10.87	11.23	10.87	11.23	11.23	10.87	127.23
1998	Wet	11.23	10.77	10.78	9.24	10.15	11.23	10.87	11.23	10.87	11.23	11.23	10.87	129.70
1999	Wet	10.79	10.18	10.08	11.23	10.15	10.23	9.61	10.55	10.47	10.84	10.86	10.41	125.40
2000	Above Normal	10.00	9.21	9.23	8.37	10.51	9.25	9.28	10.64	10.68	10.86	11.23	10.75	120.01
2001	Dry	9.46	8.60	8.15	4.39	4.48	3.72	6.70	9.00	9.29	8.48	8.64	8.12	89.03
2002	Dry	5.59	4.51	3.94	1.44	2.88	4.14	10.87	11.23	10.87	11.23	4.67	10.87	82.24
2003	Above Normal	1.33	0.92	8.34	2.21	3.33	4.32	7.26	9.16	0.27	11.11	11.23	10.87	70.35
	Average	8.62	7.47	7.99	5.63	6.80	7.35	8.67	9.78	8.34	10.07	9.66	9.50	99.86
	Wet	9.66	8.71	8.94	8.61	9.65	10.59	10.16	10.79	10.03	10.94	11.06	10.63	119.76
	Above Normal	7.09	6.71	8.33	4.69	7.68	8.30	9.32	10.65	8.14	10.94	11.14	10.76	103.75
	Below Normal	9.35	7.76	8.41	5.88	6.59	7.76	8.73	9.57	6.81	10.79	11.02	10.56	103.23
	Dry	8.32	6.49	7.34	3.73	4.39	4.55	8.23	9.85	8.58	9.93	8.64	9.37	89.43
	Critical	7.50	6.68	6.05	2.69	3.61	3.07	5.35	6.85	6.29	6.66	5.12	4.74	64.60

Energy generated (GWh) at Alamo Dam: Alternative1_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	11.23	10.87	11.23	3.30	9.14	9.86	9.65	10.15	10.85	11.12	11.23	10.78	119.41
1923	Below Normal	10.18	9.40	9.32	11.23	10.15	9.70	7.43	9.51	10.36	10.40	11.23	10.52	119.43
1924	Critical	8.85	7.99	7.28	3.12	2.75	2.81	4.63	6.32	6.56	5.92	5.90	5.55	67.68
1925	Dry	3.70	2.91	2.55	0.71	1.36	4.10	8.45	10.91	10.87	11.19	11.23	10.87	78.85
1926	Dry	9.29	8.34	7.34	0.93	1.75	3.61	6.39	8.95	9.17	9.08	10.20	9.35	84.40
1927	Wet	7.50	6.70	5.89	1.47	6.10	11.12	10.51	10.97	10.87	11.23	11.23	10.87	104.46
1928	Above Normal	11.11	10.33	10.33	8.21	8.75	5.33	10.87	11.23	10.87	11.23	11.23	10.87	120.36
1929	Critical	11.23	10.87	11.23	8.01	7.28	3.74	4.27	6.98	7.22	6.52	6.53	0.97	84.85
1930	Dry	3.94	5.17	5.00	0.69	1.67	2.47	6.84	8.97	9.29	8.70	9.17	8.56	70.47
1931	Critical	6.21	5.22	4.59	0.70	1.63	2.71	5.78	7.75	8.00	7.23	7.23	6.79	63.84
1932	Dry	4.58	3.62	3.16	0.93	2.48	4.05	6.37	8.33	9.28	9.16	10.07	9.32	71.35
1933	Critical	7.49	6.72	6.00	1.47	6.33	3.34	6.40	8.82	9.10	8.62	9.16	8.52	81.97
1934	Critical	6.28	5.30	4.67	0.73	1.47	2.86	6.68	8.96	9.26	8.35	3.55	0.29	58.40
1935	Below Normal	9.54	7.84	6.39	0.71	2.28	3.66	10.69	11.23	10.87	11.23	11.23	10.87	96.54
1936	Below Normal	11.23	10.37	10.03	5.87	5.95	11.23	10.87	11.23	10.87	11.23	11.23	10.87	120.98
1937	Below Normal	11.23	10.87	11.23	8.05	10.15	11.23	10.87	11.23	10.87	11.23	11.23	10.87	129.06
1938	Wet	11.23	10.87	11.23	8.94	10.15	11.23	10.87	11.23	10.87	11.23	11.23	10.87	129.95
1939	Dry	11.23	10.87	11.23	11.23	10.14	6.26	7.37	9.25	1.01	11.23	3.22	10.46	103.50
1940	Above Normal	2.00	1.68	10.33	1.42	1.41	4.64	8.49	10.99	7.31	11.23	11.23	10.87	81.60
1941	Wet	10.26	9.27	7.88	4.86	9.70	10.69	10.87	11.23	10.87	11.23	11.23	10.87	118.96
1942	Wet	11.23	10.87	10.91	11.23	10.15	11.23	8.36	9.59	10.41	10.52	11.10	10.44	126.04
1943	Wet	9.19	8.37	7.90	10.99	10.15	10.62	10.87	11.23	10.87	11.23	11.23	10.87	123.52
1944	Dry	11.23	0.80	11.23	5.60	4.76	4.05	6.85	8.95	9.53	9.10	9.73	9.08	90.91
1945	Below Normal	6.84	5.89	5.22	1.66	2.29	11.23	10.87	11.23	10.87	11.23	11.23	10.87	99.43
1946	Below Normal	11.23	10.87	11.12	11.23	10.15	11.23	8.58	9.40	10.08	10.32	10.50	10.02	124.73
1947	Dry	9.35	8.60	8.47	7.21	6.80	4.90	10.87	11.23	10.87	11.23	11.23	10.87	111.63
1948	Below Normal	11.23	10.87	11.07	6.61	6.23	3.50	5.74	1.59	0.81	11.23	11.23	10.87	90.98
1949	Dry	9.81	8.86	7.76	1.23	2.13	3.31	9.51	11.23	10.87	11.23	4.02	10.87	90.83
1950	Below Normal	10.50	2.16	10.36	1.14	1.49	2.82	7.80	9.80	0.37	11.23	11.23	10.87	79.77
1951	Above Normal	9.58	8.61	7.52	11.23	10.15	11.23	9.71	10.66	10.87	11.23	11.23	10.87	122.89
1952	Wet	10.82	10.02	10.04	11.23	10.51	11.23	10.87	11.23	10.87	11.23	11.23	10.87	130.15
1953	Wet	11.23	10.87	11.00	11.23	10.15	11.23	7.32	9.49	10.18	10.18	11.16	10.37	124.41
1954	Above Normal	8.54	7.67	6.87	2.74	8.94	5.61	8.06	10.37	10.56	10.50	11.23	10.79	101.88
1955	Dry	8.64	7.72	6.75	1.47	2.87	4.28	7.51	9.50	9.69	9.63	10.76	9.88	88.70
1956	Wet	7.89	7.04	6.19	8.45	10.51	11.23	10.87	11.23	10.87	11.23	11.23	10.87	117.61
1957	Above Normal	11.23	10.87	11.23	10.07	8.92	8.04	8.43	10.81	5.17	11.23	11.23	10.87	118.10
1958	Wet	10.20	9.24	8.16	2.28	10.15	10.94	10.87	11.23	10.87	11.23	11.23	10.87	117.27
1959	Below Normal	11.23	2.34	11.23	6.64	6.37	5.42	7.21	9.02	0.39	10.98	11.23	10.87	92.93
1960	Dry	8.78	7.85	6.93	0.79	1.15	3.24	9.69	11.23	7.00	11.23	8.47	10.87	87.23
1961	Dry	11.08	10.02	9.05	2.15	2.70	2.79	7.51	9.42	9.67	9.56	7.12	3.06	84.13
1962	Below Normal	0.10	5.41	11.23	0.77	1.27	4.26	7.98	10.15	1.00	11.23	11.23	10.87	75.50
1963	Wet	10.57	9.55	8.49	9.84	9.54	9.03	8.42	9.54	10.28	10.49	10.78	10.26	116.79
1964	Dry	9.43	8.64	8.42	7.69	10.51	9.34	9.52	10.25	10.25	10.48	10.76	10.20	115.49
1965	Wet	9.39	8.57	8.36	10.29	10.15	11.14	8.95	9.81	4.51	11.23	11.23	10.87	114.50
1966	Below Normal	10.20	9.36	9.03	11.23	10.15	8.72	7.69	9.56	10.15	10.16	11.00	10.24	117.49
1967	Wet	8.64	7.78	7.11	3.72	10.15	11.23	10.87	11.23	10.87	11.23	11.23	10.87	114.93
1968	Below Normal	11.23	10.87	11.23	6.83	7.44	5.72	7.36	9.27	0.87	11.23	11.23	10.87	104.15
1969	Wet	9.45	8.50	7.55	8.39	10.15	11.23	10.87	11.23	10.87	11.23	11.23	10.87	121.57
1970	Wet	11.23	10.87	11.23	11.23	10.15	11.23	10.87	10.39	10.87	11.23	11.23	10.87	131.40
1971	Wet	10.56	9.77	9.80	11.23	10.15	10.82	7.74	9.61	10.12	10.17	10.93	10.20	121.10
1972	Below Normal	8.69	7.84	7.23	6.08	10.51	8.78	8.15	9.97	10.16	10.11	11.12	10.28	108.92
1973	Above Normal	8.43	7.55	6.76	2.76	10.15	11.10	10.36	11.23	10.87	11.23	11.23	10.87	112.54
1974	Wet	11.23	10.52	10.53	11.23	10.15	11.23	10.87	11.23	10.87	11.23	11.23	10.87	131.19
1975	Wet	11.23	10.63	10.66	11.23	10.10	11.23	10.74	11.11	10.87	11.23	11.23	10.87	131.13
1976	Critical	11.21	10.42	10.42	8.36	7.98	5.94	8.31	10.52	7.94	10.92	6.12	10.87	109.01
1977	Critical	9.89	8.85	5.48	0.76	1.18	1.62	3.26	0.26	0.00	0.36	0.62	0.31	32.59
1978	Above Normal	0.11	3.09	9.40	0.67	2.87	9.11	9.56	11.15	10.87	11.23	11.23	10.87	90.16
1979	Below Normal	10.70	9.78	9.35	5.82	5.50	11.23	10.71	11.13	10.87	11.23	11.23	10.87	118.42
1980	Above Normal	11.23	10.46	10.46	11.23	10.51	11.23	10.87	11.23	10.87	11.23	11.23	10.87	131.42
1981	Dry	11.23	10.87	11.23	9.82	10.15	8.36	8.32	10.79	9.10	11.23	11.23	10.87	123.20
1982	Wet	9.83	8.87	7.92	8.89	10.15	10.86	10.87	11.23	10.87	11.23	11.23	10.87	122.82
1983	Wet	11.23	10.87	11.23	11.23	10.15	11.23	10.87	11.23	10.87	11.23	11.23	10.87	132.24
1984	Wet	11.23	10.87	8.61	11.23	10.51	11.23	9.56	10.60	10.87	11.23	11.23	10.87	128.04
1985	Dry	10.75	9.97	10.02	11.23	9.21	10.38	9.86	10.47	10.84	11.14	11.15	10.71	125.73
1986	Wet	10.31	9.53	9.55	8.23	8.32	11.23	10.87	11.23	10.87	11.23	11.23	10.87	123.47
1987	Dry	11.23	2.42	11.23	6.09	5.21	2.92	4.43	5.86	6.08	5.49	5.50	5.16	71.62
1988	Critical	3.48	2.72	2.39	0.72	1.93	1.63	3.35	4.66	4.84	4.42	4.38	4.10	38.62
1989	Dry	2.71	2.08	1.85	1.00	2.03	2.42	10.66	11.23	10.87	11.23	10.65	10.87	77.60
1990	Critical	10.99	10.06	9.67	4.96	4.99	3.53	5.11	6.80	7.06	6.38	6.37	6.00	81.92
1991	Critical	4.05	3.18	2.78	0.70	1.19	1.63	3.47	4.57	4.76	4.35	4.32	4.06	39.06
1992	Critical	2.70	2.07	1.84	0.69	1.18	1.62	4.57	6.07	6.28	5.67	5.43	5.42	43.54
1993	Above Normal	2.69	2.04	3.62	0.73	9.83	9.58	8.89	10.16	2.63	11.23	11.23	10.87	83.50
1994	Critical	10.73	9.81	9.22	5.21	5.01	5.34	8.32	10.49	4.79	11.23	2.41	4.31	86.87
1995	Wet	0.65	1.21	11.23	0.77	7.71	6.41	10.87	11.23	10.87	11.23	11.23	10.87	94.28
1996	Wet	5.38	0.80	11.23	7.25	5.72	9.50	10.19	10.49	10.87	11.23	11.23	10.87	104.76
1997	Wet	10.65	9.89	9.79	11.23	10.15	11.23	10.87	11.23	10.87	11.23	11.23	10.87	129.24
1998	Wet	11.23	10.87	11.23	9.96	10.15	11.23	10.87	11.23	10.87	11.23	11.23	10.87	130.97
1999	Wet	11.23	10.86	10.85	11.23	10.15	10.23	9.61	10.55	10.87	11.23	11.23	10.87	128.91
2000	Above Normal	10.73	9.95	9.97	9.11	10.51	9.12	9.23	10.64	10.87	11.23	11.23	10.87	123.46
2001	Dry	10.06	9.20	8.73	4.86	4.34	3.68	6.70	9.00	9.29	8.49	8.65	8.13	91.13
2002	Dry	5.60	4.53	3.95	1.44	2.88	4.14	10.87	11.23	10.87	11.23	4.38	10.87	81.99
2003	Above Normal	1.33	1.48	11.23	2.21	3.33	4.32	7.26	9.16	0.47	11.23	11.23	10.87	74.12
	Average	8.80	7.77	8.51	5.93	6.84	7.42	8.66	9.78	8.72	10.19	9.77	9.61	102.01
	Wet	9.75	8.97	9.41	8.76	9.66	10.76	10.20	10.79	10.53	11.09	11.19	10.79	121.91
	Above Normal	7.35	7.05	9.08	5.31	7.88	8.26	9.28	10.65	8.52	11.16	11.23	10.86	106.62
	Below Normal	9.58	8.13	9.57	5.99	6.42	7.77	8.71	9.59	7.04	10.93	11.15	10.70	105.60
	Dry	8.48	6.80	7.49	4.17	4.56	4.68	8.21	9.82	9.14	10.04	8.75	9.44	91.60
	Critical	7.76	6.93	6.30	2.95	3.58	3.06	5.35	6.85	6.32	6.66	5.17	4.77	65.70

Difference in Energy generated (GWh) at Alamo Dam: Alternative1_2020 minus CONV_NA

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	0.74	0.74	0.72	0.74	0.25
1923	Below Normal	0.74	0.74	0.73	0.00	0.00	(0.07)	(0.01)	0.00	0.74	0.74	0.70	0.75	0.42
1924	Critical	0.73	0.74	0.73	0.69	(0.03)	(0.01)	0.01	0.01	0.00	0.00	0.00	0.00	0.24
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.16	0.00	0.00	0.02
1926	Dry	0.16	0.15	0.15	0.15	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.00	(0.01)	0.00	0.05
1927	Wet	0.00	0.00	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00	0.07	0.00
1928	Above Normal	0.73	0.74	0.74	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25
1929	Critical	0.00	0.00	0.27	0.30	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.15	0.06
1930	Dry	0.01	0.03	0.03	0.00	0.00	0.00	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	(0.01)	0.00	(0.01)	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	0.74	0.74	0.74	0.74	0.25
1933	Critical	0.74	0.74	0.72	0.74	(0.28)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.03)	0.00	0.00
1935	Below Normal	(0.01)	0.00	0.00	0.00	(0.01)	(0.01)	(0.07)	0.00	0.00	0.00	0.00	0.00	(0.01)
1936	Below Normal	0.55	0.57	0.54	0.46	(0.14)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17
1937	Below Normal	0.00	0.16	0.53	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.09
1938	Wet	0.00	0.00	0.00	(0.24)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1939	Dry	0.00	0.00	0.00	1.53	(0.01)	(0.82)	(1.30)	(1.68)	(0.41)	0.00	1.33	(0.41)	(0.15)
1940	Above Normal	0.98	1.01	0.91	0.68	0.01	0.00	0.00	0.00	0.67	0.57	0.00	0.00	0.40
1941	Wet	0.64	0.64	0.33	0.00	0.00	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.13
1942	Wet	0.00	0.27	0.30	0.00	0.00	0.00	0.00	0.00	0.74	0.74	0.74	0.73	0.29
1943	Wet	0.73	0.74	0.74	(0.01)	0.00	(0.09)	0.00	0.00	0.00	0.00	0.00	0.00	0.18
1944	Dry	0.00	0.57	0.00	0.29	(0.39)	(0.13)	(0.01)	(0.01)	0.34	0.34	0.34	0.34	0.14
1945	Below Normal	0.34	0.34	0.33	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
1946	Below Normal	0.02	0.49	0.75	0.00	0.00	0.00	(0.07)	(0.01)	0.70	0.68	0.72	0.70	0.33
1947	Dry	0.64	0.63	0.59	0.50	(0.16)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.18
1948	Below Normal	0.00	0.00	0.17	(0.28)	(0.33)	(0.12)	0.00	0.36	(0.02)	0.00	0.00	0.00	(0.02)
1949	Dry	0.02	0.01	(0.05)	0.00	0.00	0.00	(0.05)	0.00	0.00	0.00	(0.16)	0.00	(0.02)
1950	Below Normal	0.05	0.09	7.31	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.63
1951	Above Normal	0.06	0.07	0.00	0.00	0.00	0.00	0.01	0.01	0.28	0.32	0.31	0.38	0.12
1952	Wet	0.75	0.75	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19
1953	Wet	0.00	0.00	(0.23)	0.00	0.00	4.37	0.27	0.34	8.83	(0.18)	(0.07)	(0.18)	1.10
1954	Above Normal	0.19	0.20	0.30	1.33	2.29	0.55	(0.05)	(0.02)	1.05	0.56	0.00	(0.08)	0.53
1955	Dry	(0.16)	(0.14)	(0.13)	0.01	0.09	0.11	0.18	0.23	0.23	0.23	0.26	0.24	0.10
1956	Wet	0.20	0.18	0.15	(0.28)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1957	Above Normal	0.00	0.32	0.66	0.75	0.01	(0.17)	0.00	0.00	0.35	0.02	0.00	0.00	0.16
1958	Wet	0.60	0.61	0.60	0.59	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.20
1959	Below Normal	0.00	1.16	0.00	0.75	0.00	0.01	0.00	0.00	0.06	0.06	0.00	0.00	0.17
1960	Dry	0.05	0.06	0.06	0.06	0.00	(0.01)	0.01	0.00	0.02	0.00	0.07	0.00	0.03
1961	Dry	(0.01)	(0.01)	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.01	0.00
1962	Below Normal	0.00	0.09	4.64	0.00	0.00	0.01	0.00	0.00	0.68	0.00	0.00	0.00	0.45
1963	Wet	0.68	0.68	0.68	0.68	0.00	0.00	0.00	0.00	0.74	0.74	0.74	0.74	0.47
1964	Dry	0.74	0.74	0.74	0.75	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.25
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.70	0.51	0.14	0.38	0.14
1966	Below Normal	0.74	0.74	0.73	0.00	0.00	0.00	0.00	0.00	0.45	0.45	0.45	0.45	0.33
1967	Wet	0.45	0.45	0.46	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15
1968	Below Normal	0.00	0.00	0.00	0.21	(0.63)	(0.17)	0.03	0.04	0.52	0.07	0.00	0.00	0.01
1969	Wet	0.57	0.56	0.56	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.95	(0.08)	0.46	0.51	0.50	0.57	0.24
1971	Wet	0.67	0.67	0.68	0.00	0.00	0.14	0.04	(0.02)	0.36	0.37	0.33	0.35	0.30
1972	Below Normal	0.40	0.41	0.44	0.65	0.01	0.07	0.02	0.00	0.01	0.01	0.00	0.01	0.17
1973	Above Normal	0.02	0.02	0.02	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1974	Wet	0.58	0.71	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17
1975	Wet	0.44	0.70	0.71	0.00	0.02	0.00	(0.02)	(0.02)	0.00	0.00	0.00	0.00	0.15
1976	Critical	0.69	0.69	0.69	0.71	(0.01)	0.01	0.02	0.03	0.09	0.02	(0.05)	0.00	0.24
1977	Critical	0.06	0.03	(0.30)	0.00	0.00	0.00	0.00	(0.04)	0.00	0.00	0.00	0.00	(0.02)
1978	Above Normal	0.00	0.17	2.66	0.00	0.00	(0.71)	(0.35)	0.00	0.00	0.00	0.00	0.00	0.15
1979	Below Normal	0.45	0.40	0.18	(0.64)	(1.18)	0.00	(0.16)	(0.10)	0.00	0.00	0.00	0.00	(0.09)
1980	Above Normal	0.23	0.28	0.30	3.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33
1981	Dry	0.00	1.03	0.00	3.41	3.74	3.27	0.74	0.98	8.73	0.00	0.00	0.00	1.83
1982	Wet	0.32	0.35	0.42	1.05	0.22	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.20
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	(2.62)	0.00	0.00	0.00	0.00	0.00	0.35	0.36	0.35	0.42	(0.10)
1985	Dry	0.74	0.74	0.74	0.00	0.00	0.00	0.00	0.00	0.41	0.41	0.41	0.41	0.32
1986	Wet	0.41	0.41	0.41	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
1987	Dry	0.00	1.23	0.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.16
1988	Critical	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.06	0.05	0.05	0.05	0.05	0.02
1989	Dry	0.03	0.03	0.02	(0.01)	(0.01)	(0.02)	(0.05)	0.00	0.00	0.00	(0.58)	0.00	(0.05)
1990	Critical	0.11	0.10	0.08	(0.13)	(0.09)	(0.02)	0.03	0.05	0.05	0.05	0.04	0.05	0.03
1991	Critical	0.04	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)	(0.10)	(0.11)	(0.10)	(0.09)	(0.10)	(0.05)
1993	Above Normal	0.19	0.01	(0.26)	0.00	0.01	0.03	0.02	0.00	1.02	0.00	0.00	0.00	0.09
1994	Critical	0.78	0.77	0.75	0.80	0.06	0.01	(0.01)	(0.01)	0.31	0.00	0.61	0.11	0.35
1995	Wet	(0.03)	0.09	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
1996	Wet	(5.85)	(2.42)	4.78	0.75	0.00	0.00	(0.03)	(0.03)	0.44	0.46	0.43	0.52	(0.08)
1997	Wet	0.71	0.71	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17
1998	Wet	0.00	0.10	0.45	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
1999	Wet	0.44	0.68	0.77	0.00	0.00	0.00	0.00	0.00	0.40	0.39	0.37	0.46	0.29
2000	Above Normal	0.73	0.74	0.74	0.74	0.00	(0.13)	(0.05)	0.00	0.19	0.37	0.00	0.12	0.29
2001	Dry	0.60	0.60	0.58	0.47	(0.14)	(0.04)	0.00	0.00	0.00	0.01	0.01	0.01	0.18
2002	Dry	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.29)	0.00	(0.02)
2003	Above Normal	0.00	0.56	2.89	0.00	0.00	0.00	0.00	0.00	0.20	0.12	0.00	0.00	0.31
	Average	0.18	0.30	0.53	0.29	0.04	0.08	(0.00)	(0.00)	0.38	0.13	0.11	0.11	0.18
	Wet	0.09	0.26	0.47	0.16	0.01	0.17	0.05	0.01	0.50	0.15	0.14	0.16	0.18
	Above Normal	0.26	0.34	0.75	0.62	0.19	(0.04)	(0.03)	(0.00)	0.38	0.23	0.09	0.10	0.24
	Below Normal	0.23	0.37	1.17	0.11	(0.16)	0.01	(0.02)	0.02	0.23	0.14	0.13	0.14	0.20
	Dry	0.16	0.32	0.15	0.44	0.17	0.13	(0.03)	(0.03)	0.56	0.11	0.12	0.07	0.18
	Critical	0.26	0.26	0.25	0.26	(0.03)	(0.00)	(0.00)	0.00	0.03	0.00	0.04	0.02	0.09

Percent Difference in Energy generated (GWh) at Alamo Dam: Alternative1_2020 minus CONV_NA

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%	7%	7%	7%	7%
1923	Below Normal	8%	9%	8%	0%	0%	-1%	0%	0%	8%	8%	7%	8%
1924	Critical	9%	10%	11%	28%	-1%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1926	Dry	2%	2%	2%	19%	-1%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1928	Above Normal	7%	8%	8%	10%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	2%	4%	0%	0%	0%	0%	0%	0%	0%	18%
1930	Dry	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	9%	9%	8%	9%
1933	Critical	11%	12%	14%	101%	-4%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1936	Below Normal	5%	6%	6%	9%	-2%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	1%	5%	0%	0%	4%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	16%	0%	-12%	-15%	-15%	-29%	0%	70%	-4%
1940	Above Normal	96%	151%	10%	92%	1%	0%	0%	0%	10%	5%	0%	0%
1941	Wet	7%	7%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	3%	3%	0%	0%	0%	0%	0%	8%	8%	7%	8%
1943	Wet	9%	10%	10%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	248%	0%	5%	-8%	-3%	0%	0%	4%	4%	4%	4%
1945	Below Normal	5%	6%	7%	26%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	5%	7%	0%	0%	0%	-1%	0%	7%	7%	7%	8%
1947	Dry	7%	8%	7%	7%	-2%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	2%	-4%	-5%	-3%	0%	29%	-2%	0%	0%	0%
1949	Dry	0%	0%	-1%	0%	0%	0%	-1%	0%	0%	0%	-4%	0%
1950	Below Normal	0%	4%	240%	0%	0%	0%	0%	0%	19%	0%	0%	0%
1951	Above Normal	1%	1%	0%	0%	0%	0%	0%	0%	3%	3%	3%	4%
1952	Wet	7%	8%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	-2%	0%	0%	64%	4%	4%	654%	-2%	-1%	-2%
1954	Above Normal	2%	3%	5%	94%	34%	11%	-1%	0%	11%	6%	0%	-1%
1955	Dry	-2%	-2%	-2%	1%	3%	3%	2%	2%	2%	2%	2%	2%
1956	Wet	3%	3%	2%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	3%	6%	8%	0%	-2%	0%	0%	7%	0%	0%	0%
1958	Wet	6%	7%	8%	35%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	98%	0%	13%	0%	0%	0%	0%	18%	1%	0%	0%
1960	Dry	1%	1%	1%	8%	0%	0%	0%	0%	0%	0%	1%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	2%	70%	0%	0%	0%	0%	0%	213%	0%	0%	0%
1963	Wet	7%	8%	9%	7%	0%	0%	0%	0%	8%	8%	7%	8%
1964	Dry	9%	9%	10%	11%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	18%	5%	1%	4%
1966	Below Normal	8%	9%	9%	0%	0%	0%	0%	0%	5%	5%	4%	5%
1967	Wet	5%	6%	7%	14%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	3%	-8%	-3%	0%	0%	149%	1%	0%	0%
1969	Wet	6%	7%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	10%	-1%	4%	5%	5%	6%
1971	Wet	7%	7%	7%	0%	0%	1%	1%	0%	4%	4%	3%	4%
1972	Below Normal	5%	6%	6%	12%	0%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	5%	7%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	4%	7%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	7%	7%	7%	9%	0%	0%	0%	0%	1%	0%	-1%	0%
1977	Critical	1%	0%	-5%	0%	0%	0%	0%	-13%	0%	0%	0%	0%
1978	Above Normal	0%	6%	39%	0%	0%	-7%	-4%	0%	0%	0%	0%	0%
1979	Below Normal	4%	4%	2%	-10%	-18%	0%	-1%	-1%	0%	0%	0%	0%
1980	Above Normal	2%	3%	3%	38%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	10%	0%	53%	58%	64%	10%	10%	>1,000%	0%	0%	0%
1982	Wet	3%	4%	6%	13%	2%	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%	-23%	0%	0%	0%	0%	0%	3%	3%	3%	4%
1985	Dry	7%	8%	8%	0%	0%	0%	0%	0%	4%	4%	4%	4%
1986	Wet	4%	4%	4%	5%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	103%	0%	14%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	1%	0%	0%	1%	1%	1%	1%	1%
1989	Dry	1%	1%	1%	-1%	0%	-1%	0%	0%	0%	0%	-5%	0%
1990	Critical	1%	1%	1%	-3%	-2%	-1%	1%	1%	1%	1%	1%	1%
1991	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	-2%	-2%	-2%	-2%	-2%	-2%
1993	Above Normal	8%	0%	-7%	0%	0%	0%	0%	0%	63%	0%	0%	0%
1994	Critical	8%	9%	9%	18%	1%	0%	0%	0%	7%	0%	34%	3%
1995	Wet	-4%	8%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	-52%	-75%	74%	12%	0%	0%	0%	0%	4%	4%	4%	5%
1997	Wet	7%	8%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	1%	4%	8%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	4%	7%	8%	0%	0%	0%	0%	0%	4%	4%	3%	4%
2000	Above Normal	7%	8%	8%	9%	0%	-1%	-1%	0%	2%	3%	0%	1%
2001	Dry	6%	7%	7%	11%	-3%	-1%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-6%	0%
2003	Above Normal	0%	61%	35%	0%	0%	0%	0%	0%	74%	1%	0%	0%
	Average	3%	11%	9%	8%	1%	1%	0%	0%	16%	1%	2%	1%
	Wet	1%	1%	6%	3%	0%	2%	1%	0%	27%	1%	1%	2%
	Above Normal	10%	20%	9%	21%	3%	0%	0%	0%	15%	2%	1%	1%
	Below Normal	3%	11%	26%	3%	-2%	0%	0%	2%	30%	1%	1%	1%
	Dry	2%	22%	2%	8%	3%	3%	0%	0%	-1%	1%	4%	1%
	Critical	3%	3%	3%	13%	0%	0%	0%	-1%	1%	0%	3%	2%

Energy generated (GWh) at Castaic: CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	96.83	77.56	52.53	9.88	50.24	61.99	60.57	58.73	53.98	56.25	55.50	52.63	686.69
1923	Below Normal	42.60	39.83	36.05	60.47	72.73	62.41	59.82	59.29	55.82	64.74	60.39	51.16	665.31
1924	Critical	37.72	34.62	24.15	16.27	15.38	22.05	29.79	28.36	26.15	30.98	23.26	16.91	305.64
1925	Dry	0.69	0.14	0.10	2.30	10.37	49.01	53.63	68.36	65.61	78.03	71.62	58.69	458.55
1926	Dry	43.35	39.72	25.67	10.31	12.03	28.78	37.87	56.77	53.76	63.95	58.66	48.05	478.92
1927	Wet	33.69	30.62	18.58	7.90	31.00	68.06	63.56	62.21	57.16	58.34	58.22	56.30	545.64
1928	Above Normal	46.84	44.00	41.37	33.95	42.39	40.09	71.83	70.13	64.97	66.24	66.20	64.02	652.03
1929	Critical	54.69	51.56	49.08	32.52	29.46	24.47	28.17	30.81	28.79	34.23	25.66	3.98	393.42
1930	Dry	9.47	9.11	4.16	10.05	11.69	20.80	45.69	44.77	42.70	50.46	41.29	31.73	321.92
1931	Critical	14.37	11.24	3.91	9.96	11.46	21.89	35.08	33.59	31.88	38.14	28.40	20.55	260.47
1932	Dry	2.87	0.17	0.10	8.11	12.44	77.85	38.16	51.84	48.77	57.87	52.52	42.75	393.45
1933	Critical	28.25	25.35	14.54	10.03	83.52	21.71	26.78	45.47	43.16	51.23	42.58	33.00	425.62
1934	Critical	16.07	12.97	5.22	10.24	10.84	22.81	39.40	38.35	37.05	44.07	33.04	1.40	271.46
1935	Below Normal	21.88	16.16	8.23	10.37	14.05	29.36	69.36	68.34	64.15	69.30	67.12	61.24	499.56
1936	Below Normal	49.96	46.72	40.26	25.35	29.82	92.25	54.03	68.23	63.12	64.47	64.32	62.18	660.71
1937	Below Normal	52.80	49.73	47.19	34.57	83.51	92.30	68.37	81.77	76.51	78.08	77.95	75.42	818.20
1938	Wet	66.20	62.61	60.26	40.85	84.50	92.99	85.98	84.57	79.40	80.93	80.79	78.21	897.29
1939	Dry	68.97	65.23	62.87	45.92	50.50	48.00	68.92	69.09	23.79	90.58	57.12	86.64	737.63
1940	Above Normal	29.36	24.80	93.78	9.88	10.52	35.09	67.01	68.80	66.14	83.16	77.46	63.41	629.41
1941	Wet	47.71	43.76	28.78	16.77	52.90	66.61	69.87	68.40	63.26	64.59	64.45	62.38	649.48
1942	Wet	52.98	49.88	47.32	64.18	82.08	79.19	59.35	58.18	54.29	60.79	57.74	50.92	716.90
1943	Wet	38.82	35.89	27.94	44.26	65.67	66.96	76.57	75.15	69.90	71.30	71.24	68.98	712.68
1944	Dry	59.66	0.14	93.79	27.45	24.66	27.36	47.98	47.24	44.78	52.99	44.77	35.01	505.83
1945	Below Normal	18.29	15.17	6.90	16.26	13.76	92.35	53.75	66.40	61.32	62.66	62.46	60.40	529.72
1946	Below Normal	50.99	47.99	45.42	65.18	84.51	85.97	57.47	55.21	50.48	52.87	52.10	49.14	697.33
1947	Dry	38.99	36.36	32.37	29.65	35.06	36.94	71.57	69.78	64.64	65.78	65.79	63.68	610.61
1948	Below Normal	54.34	51.22	48.73	32.61	29.54	24.15	34.83	56.42	1.53	86.79	79.69	65.28	565.13
1949	Dry	49.43	45.24	29.91	15.79	13.55	25.66	70.53	70.43	67.35	78.13	72.68	70.38	609.08
1950	Below Normal	55.68	53.10	67.51	12.00	10.84	22.17	62.24	61.92	1.50	83.95	77.00	63.04	570.95
1951	Above Normal	47.34	43.42	28.53	92.48	83.50	92.27	46.30	61.06	56.06	57.12	57.08	55.20	720.36
1952	Wet	45.71	42.90	40.25	63.28	87.52	93.01	72.23	77.59	72.32	73.84	73.74	71.36	813.75
1953	Wet	62.06	58.61	56.17	69.22	60.17	49.30	57.91	58.95	41.74	75.06	68.82	56.46	714.47
1954	Above Normal	41.37	37.65	24.01	13.34	34.33	37.27	64.78	65.67	62.78	75.86	70.40	57.73	585.19
1955	Dry	42.49	38.88	25.00	9.97	12.23	32.64	59.43	59.16	56.07	66.58	61.35	50.23	514.03
1956	Wet	35.67	32.50	20.04	51.50	86.50	92.28	55.55	68.49	63.42	64.63	64.54	62.48	697.60
1957	Above Normal	53.06	49.95	47.37	43.43	43.26	54.30	66.79	68.03	65.32	82.85	76.61	62.74	713.71
1958	Wet	47.10	43.19	28.33	3.49	58.99	67.61	85.79	84.80	79.53	81.04	81.08	78.43	739.38
1959	Below Normal	69.21	52.63	93.75	34.61	34.22	40.50	58.35	57.64	1.58	77.71	71.25	58.37	649.82
1960	Dry	43.07	39.44	25.44	9.91	9.43	24.55	71.39	71.51	68.54	84.32	78.30	72.25	598.15
1961	Dry	57.38	53.12	39.17	14.52	15.15	21.87	60.22	59.79	56.83	67.56	62.03	55.36	563.00
1962	Below Normal	0.18	78.89	87.54	10.34	9.67	32.69	63.43	64.04	1.54	86.97	79.85	65.42	580.56
1963	Wet	49.48	45.45	30.12	35.09	52.86	58.05	58.21	56.52	52.07	55.76	54.31	50.06	597.98
1964	Dry	39.24	36.50	31.13	28.61	77.65	61.14	61.84	60.27	55.81	59.59	58.08	53.76	623.62
1965	Wet	43.04	40.15	34.93	42.22	71.93	69.73	59.72	58.21	53.87	62.29	60.25	54.91	651.25
1966	Below Normal	43.78	40.80	34.61	52.91	66.47	56.81	60.16	59.32	55.89	64.37	60.30	51.29	646.71
1967	Wet	38.01	34.92	24.74	11.58	70.85	74.69	84.79	84.07	78.82	80.48	80.39	77.72	741.06
1968	Below Normal	68.48	64.75	62.38	35.44	43.50	43.57	59.60	59.09	1.61	79.82	73.15	59.94	651.33
1969	Wet	44.51	40.78	26.48	32.47	83.54	92.28	72.49	76.30	75.92	77.49	77.39	74.84	774.49
1970	Wet	65.56	61.96	59.55	74.81	84.49	92.90	60.82	60.03	55.07	56.29	56.10	54.18	781.76
1971	Wet	44.69	41.92	39.26	63.00	79.54	69.07	60.23	59.53	56.03	64.41	60.33	51.63	689.64
1972	Below Normal	38.54	35.47	25.65	20.07	56.44	56.60	62.69	62.28	59.15	69.23	64.15	53.65	603.92
1973	Above Normal	39.57	36.27	24.59	8.00	70.10	71.34	49.60	63.96	59.02	60.13	60.04	58.03	600.65
1974	Wet	48.58	45.65	43.03	65.94	84.50	92.89	85.67	64.92	59.96	61.14	61.04	58.98	772.30
1975	Wet	49.53	46.56	43.95	52.63	49.71	77.16	65.00	63.19	58.19	59.30	59.23	57.25	681.70
1976	Critical	47.82	44.95	42.35	36.19	37.74	41.89	66.03	66.18	63.37	78.31	71.78	65.08	661.69
1977	Critical	49.31	45.21	29.87	10.11	9.65	16.75	23.61	6.15	1.66	1.83	1.75	1.40	197.30
1978	Above Normal	0.18	39.18	57.33	9.87	12.50	61.33	65.79	64.11	59.66	63.53	61.97	57.47	552.92
1979	Below Normal	46.80	43.78	38.60	32.53	30.80	76.90	66.75	65.23	60.23	61.37	61.27	59.24	643.50
1980	Above Normal	49.83	46.87	44.29	74.55	86.47	92.30	70.34	83.75	78.48	80.10	79.99	77.41	864.38
1981	Dry	68.16	64.45	75.85	35.56	35.81	38.63	60.88	62.13	1.67	84.30	77.35	63.31	668.10
1982	Wet	47.56	43.65	28.72	30.38	54.55	67.60	83.94	82.77	77.59	79.18	79.02	76.44	751.40
1983	Wet	67.19	63.53	61.16	79.66	75.68	92.29	71.03	74.95	74.57	75.84	75.97	73.51	885.38
1984	Wet	73.53	69.69	92.30	70.43	86.49	92.28	45.63	60.89	55.81	57.05	56.93	55.03	816.06
1985	Dry	45.55	42.74	71.18	32.27	61.07	54.72	60.44	60.05	55.10	56.17	56.02	54.20	649.51
1986	Wet	44.71	41.95	39.28	32.81	55.69	92.24	71.05	84.52	79.29	80.72	80.79	78.24	781.29
1987	Dry	69.16	49.14	93.86	27.74	24.91	21.74	28.91	26.67	24.27	28.53	21.60	15.72	432.25
1988	Critical	0.18	0.14	0.10	1.10	12.71	17.09	24.04	22.14	19.21	22.93	17.24	12.58	149.46
1989	Dry	0.18	0.14	0.10	0.10	12.90	20.80	70.53	69.34	65.19	71.07	68.45	63.08	441.88
1990	Critical	51.52	48.17	41.05	24.02	22.52	23.92	31.84	29.98	27.91	33.21	24.82	18.03	376.99
1991	Critical	1.36	0.14	0.10	3.17	9.69	16.75	24.53	22.04	19.10	22.73	17.09	12.50	149.20
1992	Critical	0.18	0.14	0.10	0.10	5.51	16.95	29.88	27.78	25.48	30.15	22.73	16.78	175.78
1993	Above Normal	0.62	0.20	0.10	9.21	52.98	60.22	61.94	60.97	37.69	72.15	68.58	60.38	485.04
1994	Critical	47.72	44.20	35.08	23.60	24.02	39.79	66.22	66.29	63.46	80.81	18.92	78.97	589.08
1995	Wet	0.18	89.23	93.88	10.21	40.38	43.87	79.22	77.97	72.72	74.08	74.13	71.72	727.59
1996	Wet	62.44	58.97	90.15	25.00	29.22	60.16	62.24	60.11	55.07	56.21	56.14	54.24	669.95
1997	Wet	44.78	42.02	39.39	61.19	83.90	92.84	70.14	69.59	64.46	65.66	65.66	63.55	763.18
1998	Wet	54.15	51.01	48.46	43.28	81.66	90.37	67.92	64.51	59.34	60.60	60.62	58.57	740.49
1999	Wet	49.12	64.95	59.31	64.69	83.51	81.75	45.88	60.74	55.59	56.79	56.81	54.88	734.02
2000	Above Normal	45.39	42.59	39.94	40.00	65.91	58.92	64.34	63.45	59.41	66.00	63.09	56.10	665.14
2001	Dry	44.05	40.93	33.06	21.61	20.58	25.60	40.43	39.75	38.19	45.36	34.68	25.47	409.71
2002	Dry	6.87	3.78	0.10	3.94	12.52	32.46	68.79	67.14	61.88	63.20	63.22	67.39	451.29
2003	Above Normal	28.35	45.88	93.93	5.81	14.59	33.58	59.21	58.92	1.40	79.41	73.00	59.75	553.83
	Average	41.32	40.13	39.79	30.01	44.51	54.36	58.45	60.26	50.82	63.81	59.38	54.28	597.10
	Wet	48.35	49.32	45.48	44.49	68.38	77.55	68.11	69.12	64.05	67.45	66.76	63.51	732.57
	Above Normal	39.90	40.70	45.65	29.20	47.23	58.23	62.38	65.63	55.41	70.23	67.49	60.41	642.45
	Below Normal	43.82	45.45	45.92	31.62	41.42	57.72	59.35	63.23	39.60	71.60	67.93	59.70	627.34
	Dry	38.31	31.40	35.77	18.55	25.14	36.03	56.51	58.56	49.72	64.69	58.09	53.21	525.97
	Critical	29.10	26.56	20.46	14.78	22.71	23.84	35.45	34.76	32.27	39.05	27.27	23.43	329.68

Energy generated (GWh) at Castaic: Alternative1_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	96.83	77.56	52.53	9.88	50.24	61.99	60.57	58.73	58.02	60.29	59.55	56.66	702.85
1923	Below Normal	46.65	43.91	40.14	60.79	72.65	62.05	59.86	59.36	59.92	68.91	64.52	55.22	693.98
1924	Critical	41.76	38.68	28.17	20.22	15.26	22.01	29.80	28.37	26.16	31.00	23.27	16.92	321.62
1925	Dry	0.69	0.14	0.10	2.31	10.37	48.40	53.67	68.39	66.49	78.92	72.51	59.57	461.56
1926	Dry	44.22	40.60	26.55	11.16	12.02	28.76	37.83	56.73	53.72	63.91	58.63	48.01	482.14
1927	Wet	33.66	30.59	18.56	7.90	30.96	68.06	63.56	62.21	61.20	62.37	62.26	60.34	561.67
1928	Above Normal	50.90	48.07	45.47	38.04	42.34	40.09	71.83	70.13	66.65	67.92	67.88	65.70	675.02
1929	Critical	56.38	53.26	50.79	34.22	29.46	24.46	28.15	30.80	28.77	34.21	25.64	2.30	398.44
1930	Dry	9.45	8.94	3.98	10.05	11.69	20.80	45.69	44.77	42.70	50.45	41.29	31.72	321.53
1931	Critical	14.36	11.23	3.90	9.96	11.46	21.89	35.07	33.57	31.87	38.13	28.39	20.54	260.37
1932	Dry	2.86	0.17	0.10	8.10	12.45	80.48	38.16	51.84	52.80	61.90	56.55	46.78	412.19
1933	Critical	32.30	29.42	18.59	14.10	83.52	21.71	26.79	45.47	43.16	51.23	42.58	33.00	441.87
1934	Critical	16.07	12.97	5.22	10.24	10.83	22.79	39.36	38.30	37.02	44.03	32.99	1.40	271.22
1935	Below Normal	21.81	16.10	8.18	10.37	14.10	29.19	69.45	68.49	67.81	73.31	70.94	64.72	514.47
1936	Below Normal	53.29	50.04	43.25	28.30	29.15	92.19	54.04	68.24	67.17	68.52	68.37	66.23	688.79
1937	Below Normal	56.87	53.82	51.31	34.56	82.21	62.77	68.37	81.77	80.55	82.12	81.99	79.46	815.80
1938	Wet	70.26	66.68	60.26	40.39	84.50	92.99	88.38	85.05	79.87	85.53	85.39	82.81	922.11
1939	Dry	73.68	69.94	67.62	51.95	45.72	39.78	59.46	58.89	5.29	83.15	66.71	73.98	696.17
1940	Above Normal	38.28	26.92	97.57	13.67	10.55	35.09	67.03	68.82	69.65	86.64	80.97	66.91	662.10
1941	Wet	51.23	47.30	30.61	16.76	52.90	66.37	69.65	68.17	67.07	68.39	68.25	66.19	672.89
1942	Wet	56.80	53.73	49.00	64.12	82.02	78.97	59.35	58.18	58.33	64.84	61.78	54.96	742.08
1943	Wet	42.87	39.96	32.03	44.24	65.15	66.46	76.20	74.76	73.56	74.95	74.89	72.64	737.71
1944	Dry	63.33	4.22	97.90	29.84	23.15	26.88	47.97	47.23	46.62	54.83	46.61	36.85	525.43
1945	Below Normal	20.15	17.03	8.77	18.15	13.77	81.47	53.84	66.49	65.45	66.79	66.58	64.52	543.01
1946	Below Normal	55.14	52.15	49.61	69.24	84.51	88.33	57.55	55.37	54.48	57.25	56.27	52.95	732.85
1947	Dry	42.64	40.00	35.66	32.42	36.69	34.36	71.75	69.97	65.58	66.71	66.72	64.61	627.11
1948	Below Normal	55.27	52.16	49.67	33.44	29.24	24.05	34.84	54.23	1.53	86.87	79.70	65.25	566.25
1949	Dry	49.45	45.31	29.95	15.73	13.52	25.60	70.56	70.51	67.48	78.48	72.90	70.29	609.78
1950	Below Normal	55.44	52.77	0.10	12.00	10.84	22.17	62.24	61.92	1.88	84.33	77.37	63.42	504.48
1951	Above Normal	47.72	43.81	28.53	71.28	75.84	92.27	46.35	61.11	60.14	61.20	61.16	59.27	708.68
1952	Wet	49.81	47.02	44.39	67.38	79.50	93.01	71.91	66.58	61.73	66.78	66.68	64.63	779.42
1953	Wet	55.23	52.22	49.66	73.73	84.32	70.50	59.74	60.05	59.69	69.74	64.64	54.42	753.94
1954	Above Normal	40.40	37.21	25.65	17.92	48.01	40.05	64.46	65.57	62.67	74.65	68.49	56.18	601.26
1955	Dry	41.06	37.54	23.97	9.03	12.47	33.28	60.69	60.52	57.47	68.25	62.88	51.48	518.64
1956	Wet	36.81	33.57	20.88	32.57	86.54	92.28	55.73	68.65	67.62	68.83	68.74	66.67	698.89
1957	Above Normal	57.28	54.18	51.63	47.53	43.15	53.53	66.79	68.01	68.52	86.28	80.06	66.15	743.11
1958	Wet	50.51	46.60	31.73	6.75	58.94	67.57	85.75	84.76	83.53	85.04	85.08	82.42	768.68
1959	Below Normal	73.22	50.55	97.85	38.75	34.24	40.52	58.34	57.64	1.87	78.00	71.54	58.66	661.18
1960	Dry	43.36	39.73	25.74	10.21	9.43	24.45	71.39	71.52	68.55	84.30	78.28	72.16	599.12
1961	Dry	57.30	53.05	39.12	14.53	15.16	21.88	60.23	59.80	56.84	67.57	62.04	55.38	562.90
1962	Below Normal	0.18	77.77	23.08	10.34	9.67	32.70	63.43	64.04	5.25	90.67	83.56	69.12	529.81
1963	Wet	53.20	49.20	33.89	38.85	52.86	58.06	58.20	56.52	56.11	59.80	58.35	54.09	629.13
1964	Dry	43.30	40.58	35.24	32.75	77.65	61.16	61.83	60.26	55.80	59.57	58.06	53.75	639.95
1965	Wet	43.04	40.15	34.94	42.23	71.94	69.73	59.73	58.22	57.92	66.39	64.35	58.98	667.62
1966	Below Normal	47.86	44.89	38.71	56.96	66.43	56.81	60.15	59.32	58.36	66.84	62.76	53.76	672.85
1967	Wet	40.49	37.42	27.26	14.10	70.86	74.71	84.79	84.07	78.82	84.52	84.43	81.76	763.23
1968	Below Normal	72.53	65.55	75.84	36.08	39.55	42.54	59.83	59.34	4.46	83.04	76.34	63.07	678.17
1969	Wet	47.63	43.90	29.56	32.35	83.52	92.28	67.92	81.20	76.00	81.61	81.50	78.95	796.42
1970	Wet	69.69	66.10	63.72	74.11	77.04	92.90	67.68	59.62	58.70	59.92	59.72	57.82	807.02
1971	Wet	48.34	45.61	42.97	67.00	77.66	70.68	60.02	59.24	57.77	65.82	61.93	53.55	710.59
1972	Below Normal	40.65	37.62	28.15	23.48	56.78	56.96	62.69	62.26	59.13	69.14	64.10	53.66	614.62
1973	Above Normal	39.63	36.34	24.72	8.24	70.10	71.34	49.60	63.96	62.88	63.99	63.90	61.89	616.59
1974	Wet	52.45	49.54	46.95	69.86	84.50	92.89	83.97	64.74	63.82	65.00	64.89	62.85	801.46
1975	Wet	53.41	50.47	47.88	56.99	49.83	77.07	64.90	63.08	61.98	63.09	63.01	61.03	712.74
1976	Critical	51.62	48.77	46.20	40.07	37.76	41.96	66.17	66.33	63.53	78.42	71.89	65.18	677.90
1977	Critical	49.40	45.29	29.93	10.11	9.65	16.75	23.61	6.15	1.66	1.83	1.75	1.40	197.53
1978	Above Normal	0.18	37.65	32.24	9.87	12.50	57.78	66.55	65.51	65.63	72.09	69.12	62.16	551.28
1979	Below Normal	50.24	47.08	39.39	32.23	26.23	72.35	64.30	62.64	61.69	62.80	62.69	60.75	642.39
1980	Above Normal	51.32	48.48	45.90	49.71	86.52	92.30	56.85	71.90	70.77	72.18	72.07	69.85	787.85
1981	Dry	60.49	57.26	54.76	47.05	58.82	55.00	66.22	67.48	68.00	82.21	75.99	63.33	756.61
1982	Wet	48.29	44.64	31.05	35.61	56.20	67.55	83.92	82.75	81.60	83.19	83.03	80.45	778.28
1983	Wet	71.23	63.51	61.14	79.66	84.50	92.29	79.56	68.89	72.37	75.84	80.01	77.55	906.55
1984	Wet	73.53	69.69	92.30	70.43	78.86	92.28	45.63	60.89	59.85	61.09	60.96	59.06	824.57
1985	Dry	49.60	46.82	75.22	36.36	61.07	54.72	60.44	60.05	57.32	58.39	58.24	56.42	674.65
1986	Wet	46.95	44.19	41.54	35.07	33.15	92.70	81.53	84.71	83.51	84.98	85.07	82.55	795.95
1987	Dry	73.56	29.10	97.96	31.82	24.89	21.74	28.90	26.66	24.26	28.51	21.59	15.71	424.70
1988	Critical	0.18	0.14	0.10	1.09	12.72	17.09	24.04	22.35	19.44	23.20	17.44	12.73	150.52
1989	Dry	0.18	0.14	0.10	0.10	12.97	20.72	70.61	69.47	65.37	71.51	68.75	64.29	444.21
1990	Critical	52.59	49.18	41.74	23.59	22.22	23.90	32.01	30.18	28.13	33.47	25.01	18.17	380.19
1991	Critical	1.44	0.14	0.10	3.29	9.69	16.75	24.53	22.04	19.10	22.73	17.09	12.50	149.40
1992	Critical	0.18	0.14	0.10	0.10	5.51	16.95	29.53	27.38	25.04	29.63	22.34	16.49	173.39
1993	Above Normal	0.45	0.14	0.10	8.03	53.06	60.38	61.89	60.91	41.14	75.36	71.81	63.71	496.98
1994	Critical	51.32	47.98	39.13	27.99	24.25	39.85	66.16	66.21	63.39	80.39	13.24	78.10	598.01
1995	Wet	0.18	88.23	65.16	10.22	40.38	43.87	79.22	77.97	76.76	78.11	79.96	77.50	717.56
1996	Wet	68.29	4.22	3.64	29.14	29.20	60.14	62.07	59.93	58.93	60.07	59.99	58.10	553.72
1997	Wet	48.66	45.93	42.70	61.13	76.69	92.83	70.10	69.58	68.49	69.68	69.69	67.57	783.05
1998	Wet	58.20	55.07	52.55	47.35	81.65	90.33	67.88	64.17	59.00	60.25	64.31	62.28	763.04
1999	Wet	52.84	68.67	56.83	68.61	83.51	81.75	45.88	60.73	59.62	60.82	60.84	58.91	759.01
2000	Above Normal	49.44	46.67	44.04	44.09	65.94	58.32	64.45	63.62	63.13	70.00	66.93	59.67	696.30
2001	Dry	47.50	44.37	36.24	24.61	20.15	25.46	40.52	39.83	38.26	45.44	34.79	25.57	422.74
2002	Dry	7.01	3.91	0.10	4.05	12.51	32.45	68.72	67.06	61.81	63.13	63.15	67.47	451.37
2003	Above Normal	32.61	40.71	46.38	5.81	14.59	33.58	59.21	58.92	2.52	80.53	74.12	60.87	509.85
	Average	43.36	40.76	37.49	31.00	44.42	54.16	58.51	59.89	53.25	65.51	61.34	56.02	605.72
	Wet	50.91	49.39	42.74	45.64	67.58	78.40	68.97	68.64	67.07	70.26	69.99	66.85	746.44
	Above Normal	42.09	41.48	41.23	27.01	47.74	58.06	61.30	64.77	57.64	72.59	69.67	62.42	645.99
	Below Normal	46.38	47.25	39.58	33.19	40.67	54.58	59.21	62.94	42.11	74.19	70.48	62.20	632.76
	Dry	39.43	31.21	36.13	20.67	26.15	36.44	56.37	58.39	53.02	64.85	59.21	53.19	535.04
	Critical	30.63	28.10	22.00	16.25	22.69	23.84	35.44	34.76	32.27	39.02	26.80	23.23	335.04

Difference in Energy generated (GWh) at Castaic: Alternative1_2020 minus CONV_NA

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	4.04	4.04	4.05	4.03	1.35
1923	Below Normal	4.05	4.08	4.09	0.32	(0.08)	(0.36)	0.04	0.07	4.10	4.17	4.13	4.06	2.39
1924	Critical	4.04	4.06	4.02	3.95	(0.12)	(0.04)	0.01	0.01	0.01	0.02	0.01	0.01	1.33
1925	Dry	0.00	0.00	0.00	0.01	0.00	(0.61)	0.04	0.03	0.88	0.89	0.89	0.88	0.25
1926	Dry	0.87	0.88	0.88	0.85	(0.01)	(0.02)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.04)	0.27
1927	Wet	(0.03)	(0.03)	(0.02)	0.00	(0.04)	0.00	0.00	0.00	4.04	4.03	4.04	4.04	1.34
1928	Above Normal	4.06	4.07	4.10	4.09	(0.05)	0.00	0.00	0.00	1.68	1.68	1.68	1.68	1.92
1929	Critical	1.69	1.70	1.71	1.70	0.00	(0.01)	(0.02)	(0.01)	(0.02)	(0.02)	(0.02)	(1.68)	0.42
1930	Dry	(0.02)	(0.17)	(0.18)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.03)
1931	Critical	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	(0.01)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
1932	Dry	(0.01)	0.00	0.00	(0.01)	0.01	2.63	0.00	0.00	4.03	4.03	4.03	4.03	1.56
1933	Critical	4.05	4.07	4.05	4.07	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	1.35
1934	Critical	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.04)	(0.05)	(0.03)	(0.04)	(0.05)	0.00	(0.02)
1935	Below Normal	(0.07)	(0.06)	(0.05)	0.00	0.05	(0.17)	0.09	0.15	3.66	4.01	3.82	3.48	1.24
1936	Below Normal	3.33	3.32	2.99	2.95	(0.67)	(0.06)	0.01	0.01	4.05	4.05	4.05	4.05	2.34
1937	Below Normal	4.07	4.09	4.12	(0.01)	(1.30)	(29.53)	0.00	0.00	4.04	4.04	4.04	4.04	(0.20)
1938	Wet	4.06	4.07	0.00	(0.46)	0.00	0.00	2.40	0.48	0.47	4.60	4.60	4.60	2.07
1939	Dry	4.71	4.71	4.75	6.03	(4.78)	(8.22)	(9.46)	(10.20)	(18.50)	(7.43)	9.59	(12.66)	(3.46)
1940	Above Normal	8.92	2.12	3.79	3.79	0.03	0.00	0.02	0.02	3.51	3.48	3.51	3.50	2.72
1941	Wet	3.52	3.54	1.83	(0.01)	0.00	(0.24)	(0.22)	(0.23)	3.81	3.80	3.80	3.81	1.95
1942	Wet	3.82	3.85	1.68	(0.06)	(0.06)	(0.22)	0.00	0.00	4.04	4.05	4.04	4.04	2.10
1943	Wet	4.05	4.07	4.09	(0.02)	(0.52)	(0.50)	(0.37)	(0.39)	3.66	3.65	3.65	3.66	2.09
1944	Dry	3.67	4.08	4.11	2.39	(1.51)	(0.48)	(0.01)	(0.01)	1.84	1.84	1.84	1.84	1.63
1945	Below Normal	1.86	1.86	1.87	1.89	0.01	(10.88)	0.09	0.09	4.13	4.13	4.12	4.12	1.11
1946	Below Normal	4.15	4.16	4.19	4.06	0.00	2.36	0.08	0.16	4.00	4.38	4.17	3.81	2.96
1947	Dry	3.65	3.64	3.29	2.77	1.63	(2.58)	0.18	0.19	0.94	0.93	0.93	0.93	1.38
1948	Below Normal	0.93	0.94	0.94	0.83	(0.30)	(0.10)	0.01	(2.19)	0.00	0.08	0.01	(0.03)	0.09
1949	Dry	0.02	0.07	0.04	(0.06)	(0.03)	(0.06)	0.03	0.08	0.13	0.35	0.22	(0.09)	0.06
1950	Below Normal	(0.24)	(0.33)	(67.41)	0.00	0.00	0.00	0.00	0.00	0.38	0.38	0.37	0.38	(5.54)
1951	Above Normal	0.38	0.39	0.00	(21.20)	(7.66)	0.00	0.05	0.05	4.08	4.08	4.08	4.07	(0.97)
1952	Wet	4.10	4.12	4.14	4.10	(8.02)	0.00	(0.32)	(11.01)	(10.59)	(7.06)	(7.06)	(6.73)	(2.86)
1953	Wet	(6.83)	(6.39)	(6.51)	4.51	24.15	21.20	1.83	1.10	17.95	(5.32)	(4.18)	(2.04)	3.29
1954	Above Normal	(0.97)	(0.44)	1.64	4.58	13.68	2.78	(0.32)	(0.10)	(0.11)	(1.21)	(1.91)	(1.55)	1.34
1955	Dry	(1.43)	(1.34)	(1.03)	(0.94)	0.24	0.64	1.26	1.36	1.40	1.67	1.53	1.25	0.38
1956	Wet	1.14	1.07	0.84	(18.93)	0.04	0.00	0.18	0.16	4.20	4.20	4.20	4.19	0.11
1957	Above Normal	4.22	4.23	4.26	4.10	(0.11)	(0.77)	0.00	(0.02)	3.20	3.43	3.45	3.41	2.45
1958	Wet	3.41	3.41	3.40	3.26	(0.05)	(0.04)	(0.04)	(0.04)	4.00	4.00	4.00	3.99	2.44
1959	Below Normal	4.01	(2.08)	4.10	4.14	0.02	0.02	(0.01)	0.00	0.29	0.29	0.29	0.29	0.95
1960	Dry	0.29	0.29	0.30	0.30	0.00	(0.10)	0.00	0.01	0.01	(0.02)	(0.02)	(0.09)	0.08
1961	Dry	(0.08)	(0.07)	(0.05)	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	(0.01)
1962	Below Normal	0.00	(1.12)	(64.46)	0.00	0.00	0.01	0.00	0.00	3.71	3.70	3.71	3.70	(4.23)
1963	Wet	3.72	3.75	3.77	3.76	0.00	0.01	(0.01)	0.00	4.04	4.04	4.04	4.03	2.60
1964	Dry	4.06	4.08	4.11	4.14	0.00	0.02	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.01)	1.36
1965	Wet	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.01	4.05	4.10	4.10	4.07	1.36
1966	Below Normal	4.08	4.09	4.10	4.05	(0.04)	0.00	(0.01)	0.00	2.47	2.47	2.46	2.47	2.18
1967	Wet	2.48	2.50	2.52	2.52	0.01	0.02	0.00	0.00	0.00	4.04	4.04	4.04	1.85
1968	Below Normal	4.05	0.80	13.46	0.64	(3.95)	(1.03)	0.23	0.25	2.85	3.22	3.19	3.13	2.24
1969	Wet	3.12	3.12	3.08	(0.12)	(0.02)	0.00	(4.57)	4.90	0.08	4.12	4.11	4.11	1.83
1970	Wet	4.13	4.14	4.17	(0.70)	(7.45)	0.00	6.86	(0.41)	3.63	3.63	3.62	3.64	2.11
1971	Wet	3.65	3.69	3.71	4.00	(1.88)	1.61	(0.21)	(0.29)	1.74	1.41	1.60	1.92	1.75
1972	Below Normal	2.11	2.15	2.50	3.41	0.34	0.36	0.00	(0.02)	(0.02)	(0.09)	(0.05)	0.01	0.89
1973	Above Normal	0.06	0.07	0.13	0.24	0.00	0.00	0.00	0.00	3.86	3.86	3.86	3.86	1.33
1974	Wet	3.87	3.89	3.92	3.92	0.00	0.00	(1.70)	(0.18)	3.86	3.86	3.85	3.87	2.43
1975	Wet	3.88	3.91	3.93	4.36	0.12	(0.09)	(0.10)	(0.11)	3.79	3.79	3.78	3.78	2.59
1976	Critical	3.80	3.82	3.85	3.88	0.02	0.07	0.14	0.15	0.16	0.11	0.11	0.10	1.35
1977	Critical	0.09	0.08	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1978	Above Normal	0.00	(1.53)	(25.09)	0.00	0.00	(3.55)	0.76	1.40	5.97	8.56	7.15	4.69	(0.14)
1979	Below Normal	3.44	3.30	0.79	(0.30)	(4.57)	(4.55)	(2.45)	(2.59)	1.46	1.43	1.42	1.51	(0.09)
1980	Above Normal	1.49	1.61	1.61	(24.84)	0.05	0.00	(13.49)	(11.85)	(7.71)	(7.92)	(7.92)	(7.56)	(6.38)
1981	Dry	(7.67)	(7.19)	(21.09)	11.49	23.01	16.37	5.34	5.35	66.33	(2.09)	(1.36)	0.02	7.38
1982	Wet	0.73	0.99	2.33	5.23	1.65	(0.05)	(0.02)	(0.02)	4.01	4.01	4.01	4.01	2.24
1983	Wet	4.04	(0.02)	(0.02)	0.00	8.82	0.00	8.53	(6.06)	(2.20)	0.00	4.04	4.04	1.76
1984	Wet	0.00	0.00	0.00	0.00	(7.63)	0.00	0.00	0.00	4.04	4.04	4.03	4.03	0.71
1985	Dry	4.05	4.08	4.04	4.09	0.00	0.00	0.00	0.00	2.22	2.22	2.22	2.22	2.10
1986	Wet	2.24	2.24	2.26	2.26	(22.54)	0.46	10.48	0.19	4.22	4.26	4.28	4.31	1.22
1987	Dry	4.40	(20.04)	4.10	4.08	(0.02)	0.00	(0.01)	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	(0.63)
1988	Critical	0.00	0.00	0.00	(0.01)	0.01	0.00	0.00	0.21	0.23	0.27	0.20	0.15	0.09
1989	Dry	0.00	0.00	0.00	0.00	0.07	(0.08)	0.08	0.13	0.18	0.44	0.30	1.21	0.19
1990	Critical	1.07	1.01	0.69	(0.43)	(0.30)	(0.02)	0.17	0.20	0.22	0.26	0.19	0.14	0.27
1991	Critical	0.08	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.35)	(0.40)	(0.44)	(0.52)	(0.39)	(0.29)	(0.20)
1993	Above Normal	(0.17)	(0.06)	0.00	(1.18)	0.08	0.16	(0.05)	(0.06)	3.45	3.21	3.23	3.33	1.00
1994	Critical	3.60	3.78	4.05	4.39	0.23	0.06	(0.06)	(0.08)	(0.07)	(0.42)	(5.68)	(0.87)	0.74
1995	Wet	0.00	(1.00)	(28.72)	0.01	0.00	0.00	0.00	0.00	4.04	4.03	5.83	5.78	(0.84)
1996	Wet	5.85	(54.75)	(86.51)	4.14	(0.02)	(0.02)	(0.17)	(0.18)	3.86	3.86	3.85	3.86	(9.69)
1997	Wet	3.88	3.91	3.31	(0.06)	(7.21)	(0.01)	(0.04)	(0.01)	4.03	4.02	4.03	4.02	1.66
1998	Wet	4.05	4.06	4.09	4.07	(0.01)	(0.04)	(0.04)	(0.34)	(0.34)	(0.35)	3.69	3.71	1.88
1999	Wet	3.72	3.72	(2.48)	3.92	0.00	0.00	0.00	(0.01)	4.03	4.03	4.03	4.03	2.08
2000	Above Normal	4.05	4.08	4.10	4.09	0.03	(0.60)	0.11	0.17	3.72	4.00	3.84	3.57	2.60
2001	Dry	3.45	3.44	3.18	3.00	(0.43)	(0.14)	0.09	0.08	0.07	0.08	0.11	0.10	1.09
2002	Dry	0.14	0.13	0.00	0.11	(0.01)	(0.01)	(0.07)	(0.08)	(0.07)	(0.07)	(0.07)	0.08	0.01
2003	Above Normal	4.26	(5.17)	(47.55)	0.00	0.00	0.00	0.00	0.00	1.12	1.12	1.12	1.12	(3.67)
	Average	2.04	0.63	(2.29)	0.99	(0.09)	(0.20)	0.06	(0.37)	2.44	1.71	1.96	1.75	0.72
	Wet	2.56	0.07	(2.74)	1.14	(0.79)	0.85	0.86	(0.48)	3.02	2.80	3.23	3.34	1.16
	Above Normal	2.19	0.78	(4.42)	(2.19)	0.50	(0.17)	(1.08)	(0.87)	2.23	2.36	2.18	2.01	0.30
	Below Normal	2.56	1.80	(6.34)	1.57	(0.75)	(3.14)	(0.14)	(0.29)	2.51	2.59	2.55	2.50	0.45
	Dry	1.12	(0.19)	0.36	2.13	1.01	0.41	(0.14)	(0.17)	3.30	0.15	1.12	(0.02)	0.76
	Critical	1.53	1.54	1.54	1.47	(0.01)	0.00	(0.01)	0.00	0.00	(0.03)	(0.47)	(0.20)	0.45

Percent Difference in Energy generated (GWh) at Castaic: Alternative1_2020 minus CONV_NA

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%	7%	7%	7%	8%
1923	Below Normal	10%	10%	11%	1%	0%	-1%	0%	0%	7%	6%	7%	8%
1924	Critical	11%	12%	17%	24%	-1%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	1%	1%	1%	1%
1926	Dry	2%	2%	3%	8%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	7%	7%	7%	7%
1928	Above Normal	9%	9%	10%	12%	0%	0%	0%	0%	3%	3%	3%	3%
1929	Critical	3%	3%	3%	5%	0%	0%	0%	0%	0%	0%	0%	-42%
1930	Dry	0%	-2%	-4%	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%	3%	0%	0%	8%	7%	8%	9%
1933	Critical	14%	16%	28%	41%	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%	-1%	0%	0%	-1%	0%	0%	6%	6%	6%	6%
1936	Below Normal	7%	7%	7%	12%	-2%	0%	0%	0%	6%	6%	6%	7%
1937	Below Normal	8%	8%	9%	0%	-2%	-32%	0%	0%	5%	5%	5%	5%
1938	Wet	6%	7%	0%	-1%	0%	0%	3%	1%	1%	6%	6%	6%
1939	Dry	7%	7%	8%	13%	-9%	-17%	-14%	-15%	-78%	-8%	17%	-15%
1940	Above Normal	30%	9%	4%	38%	0%	0%	0%	0%	5%	4%	5%	6%
1941	Wet	7%	8%	6%	0%	0%	0%	0%	0%	6%	6%	6%	6%
1942	Wet	7%	8%	4%	0%	0%	0%	0%	0%	7%	7%	7%	8%
1943	Wet	10%	11%	15%	0%	-1%	-1%	0%	-1%	5%	5%	5%	5%
1944	Dry	6%	>1,000%	4%	9%	-6%	-2%	0%	0%	4%	3%	4%	5%
1945	Below Normal	10%	12%	27%	12%	0%	-12%	0%	0%	7%	7%	7%	7%
1946	Below Normal	8%	9%	9%	6%	0%	3%	0%	0%	8%	8%	8%	8%
1947	Dry	9%	10%	10%	9%	5%	-7%	0%	0%	1%	1%	1%	1%
1948	Below Normal	2%	2%	2%	3%	-1%	0%	0%	-4%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	-1%	-100%	0%	0%	0%	0%	0%	25%	0%	0%	1%
1951	Above Normal	1%	1%	0%	-23%	-9%	0%	0%	0%	7%	7%	7%	7%
1952	Wet	9%	10%	10%	6%	-9%	0%	0%	-14%	-15%	-10%	-10%	-9%
1953	Wet	-11%	-11%	-12%	7%	40%	43%	3%	2%	43%	-7%	-6%	-4%
1954	Above Normal	-2%	-1%	7%	34%	40%	7%	0%	0%	0%	-2%	-3%	-3%
1955	Dry	-3%	-3%	-4%	-9%	2%	2%	2%	2%	2%	3%	2%	2%
1956	Wet	3%	3%	4%	-37%	0%	0%	0%	0%	7%	6%	7%	7%
1957	Above Normal	8%	8%	9%	9%	0%	-1%	0%	0%	5%	4%	5%	5%
1958	Wet	7%	8%	12%	93%	0%	0%	0%	0%	5%	5%	5%	5%
1959	Below Normal	6%	-4%	4%	12%	0%	0%	0%	0%	18%	0%	0%	0%
1960	Dry	1%	1%	1%	3%	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%	-1%	-74%	0%	0%	0%	0%	0%	241%	4%	5%	6%
1963	Wet	8%	8%	13%	11%	0%	0%	0%	0%	8%	7%	7%	8%
1964	Dry	10%	11%	13%	14%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	8%	7%	7%	7%
1966	Below Normal	9%	10%	12%	8%	0%	0%	0%	0%	4%	4%	4%	5%
1967	Wet	7%	7%	10%	22%	0%	0%	0%	0%	0%	5%	5%	5%
1968	Below Normal	6%	1%	22%	2%	-9%	-2%	0%	0%	177%	4%	4%	5%
1969	Wet	7%	8%	12%	0%	0%	0%	-6%	6%	0%	5%	5%	5%
1970	Wet	6%	7%	7%	-1%	-9%	0%	11%	-1%	7%	6%	6%	7%
1971	Wet	8%	9%	9%	6%	-2%	2%	0%	0%	3%	2%	3%	4%
1972	Below Normal	5%	6%	10%	17%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	1%	3%	0%	0%	0%	0%	7%	6%	6%	7%
1974	Wet	8%	9%	9%	6%	0%	0%	-2%	0%	6%	6%	6%	7%
1975	Wet	8%	8%	9%	8%	0%	0%	0%	0%	7%	6%	6%	7%
1976	Critical	8%	8%	9%	11%	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%	-4%	-44%	0%	0%	-6%	1%	2%	10%	13%	12%	8%
1979	Below Normal	7%	8%	2%	-1%	-15%	-6%	-4%	-4%	2%	2%	2%	3%
1980	Above Normal	3%	3%	4%	-33%	0%	0%	-19%	-14%	-10%	-10%	-10%	-10%
1981	Dry	-11%	-11%	-28%	32%	64%	42%	9%	9%	>1,000%	-2%	-2%	0%
1982	Wet	2%	2%	8%	17%	3%	0%	0%	0%	5%	5%	5%	5%
1983	Wet	6%	0%	0%	0%	12%	0%	12%	-8%	-3%	0%	5%	5%
1984	Wet	0%	0%	0%	0%	-9%	0%	0%	0%	7%	7%	7%	7%
1985	Dry	9%	10%	6%	13%	0%	0%	0%	0%	4%	4%	4%	4%
1986	Wet	5%	5%	6%	7%	-40%	0%	15%	0%	5%	5%	5%	6%
1987	Dry	6%	-41%	4%	15%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	-1%	0%	0%	0%	1%	1%	1%	1%	1%
1989	Dry	0%	0%	0%	0%	1%	0%	0%	0%	0%	1%	0%	2%
1990	Critical	2%	2%	2%	-2%	-1%	0%	1%	1%	1%	1%	1%	1%
1991	Critical	6%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	-2%	-2%	-2%
1993	Above Normal	-27%	-30%	0%	-13%	0%	0%	0%	0%	9%	4%	5%	6%
1994	Critical	8%	9%	12%	19%	1%	0%	0%	0%	0%	-1%	-30%	-1%
1995	Wet	0%	-1%	-31%	0%	0%	0%	0%	0%	6%	5%	8%	8%
1996	Wet	9%	-93%	-96%	17%	0%	0%	0%	0%	7%	7%	7%	7%
1997	Wet	9%	9%	8%	0%	-9%	0%	0%	0%	6%	6%	6%	6%
1998	Wet	7%	8%	8%	9%	0%	0%	0%	-1%	-1%	-1%	6%	6%
1999	Wet	8%	6%	-4%	6%	0%	0%	0%	0%	7%	7%	7%	7%
2000	Above Normal	9%	10%	10%	10%	0%	-1%	0%	0%	6%	6%	6%	6%
2001	Dry	8%	8%	10%	14%	-2%	-1%	0%	0%	0%	0%	0%	0%
2002	Dry	2%	3%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	15%	-11%	-51%	0%	0%	0%	0%	0%	80%	1%	2%	2%
	Average	4%	2%	0%	6%	0%	0%	0%	0%	9%	3%	3%	3%
	Wet	5%	1%	0%	7%	-1%	2%	1%	-1%	6%	4%	5%	5%
	Above Normal	4%	0%	-4%	3%	3%	0%	-2%	-1%	11%	4%	4%	4%
	Below Normal	6%	5%	-4%	5%	-2%	-4%	0%	0%	36%	4%	4%	4%
	Dry	3%	0%	1%	7%	3%	1%	0%	0%	-3%	1%	2%	1%
	Critical	4%	4%	6%	8%	0%	0%	0%	0%	0%	0%	-2%	-4%

Energy generated (GWh) at DCanyon: CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	114.09	127.44	106.34	28.22	81.42	91.37	84.47	90.50	89.27	91.04	92.25	89.76	1,086.17
1923	Below Normal	86.43	81.64	80.80	122.76	114.01	90.83	63.94	84.81	83.90	81.76	91.19	88.22	1,070.29
1924	Critical	74.34	68.55	58.82	20.21	25.88	26.67	40.34	58.41	59.86	51.57	51.63	50.18	586.46
1925	Dry	32.35	26.09	21.15	5.85	12.63	35.43	74.45	97.08	96.33	91.95	106.63	103.08	703.02
1926	Dry	83.51	77.08	62.41	5.85	16.44	33.81	56.83	79.34	78.89	75.22	87.44	84.42	741.24
1927	Wet	68.53	63.08	51.05	11.77	55.34	102.37	92.15	97.66	96.27	98.92	98.83	96.21	932.18
1928	Above Normal	94.75	89.77	90.55	61.97	77.60	50.18	106.15	111.15	109.38	112.38	112.32	109.38	1,125.58
1929	Critical	107.79	102.36	103.36	66.09	64.71	35.42	37.24	64.90	66.26	57.15	57.49	1.27	764.04
1930	Dry	33.45	48.77	45.66	5.66	15.65	23.11	60.08	82.31	83.67	75.09	80.42	78.17	632.04
1931	Critical	55.65	48.09	39.34	5.59	15.19	25.48	51.19	72.03	73.53	63.40	63.69	61.86	575.04
1932	Dry	40.09	32.52	26.36	7.79	23.16	34.94	56.13	74.11	73.96	70.12	80.08	77.50	596.76
1933	Critical	61.51	56.21	45.59	5.64	65.08	30.39	58.49	80.46	81.49	73.93	79.90	77.59	716.28
1934	Critical	56.24	48.89	39.98	5.80	13.71	26.92	59.52	83.50	85.23	73.53	23.09	1.28	517.69
1935	Below Normal	87.18	73.25	56.79	5.90	21.56	34.31	93.96	105.08	103.91	104.12	108.86	105.72	900.64
1936	Below Normal	97.54	91.75	87.27	46.18	54.44	133.83	101.24	108.74	107.12	110.04	109.98	107.09	1,155.22
1937	Below Normal	105.39	99.97	100.88	69.11	113.80	107.75	125.96	131.98	129.93	133.44	133.37	129.94	1,381.52
1938	Wet	128.05	121.63	122.83	76.25	100.13	131.12	130.96	136.39	134.44	137.87	137.79	134.33	1,491.79
1939	Dry	132.34	125.68	126.83	80.38	88.49	64.02	74.86	97.70	1.49	98.73	1.75	96.17	988.44
1940	Above Normal	0.87	0.32	71.68	5.53	13.00	43.51	72.94	97.78	48.38	87.87	113.57	109.99	665.44
1941	Wet	88.63	81.69	66.17	41.55	86.09	99.36	103.03	108.24	106.50	109.54	109.43	106.54	1,106.77
1942	Wet	104.97	99.63	100.49	120.10	105.55	122.24	72.55	85.58	84.71	83.91	90.18	87.31	1,157.22
1943	Wet	77.46	72.08	65.64	94.96	110.51	100.22	114.68	120.01	117.94	121.35	121.25	118.22	1,234.32
1944	Dry	116.51	0.53	127.43	52.36	51.05	40.28	59.87	81.55	82.10	75.05	81.98	79.67	848.38
1945	Below Normal	58.56	51.47	42.07	10.99	21.50	134.77	100.61	105.33	103.89	106.70	106.61	103.86	946.36
1946	Below Normal	102.18	96.82	97.69	120.56	102.35	135.86	75.35	83.92	82.70	84.35	85.76	83.32	1,150.86
1947	Dry	79.90	75.40	74.25	55.61	61.55	46.16	105.65	110.55	108.81	111.72	111.63	108.80	1,050.03
1948	Below Normal	107.22	101.76	102.75	65.73	63.82	34.63	50.88	1.11	1.41	102.83	116.81	113.27	862.22
1949	Dry	90.57	83.91	68.20	9.97	20.08	31.09	82.68	102.76	101.92	98.69	19.20	124.45	833.52
1950	Below Normal	96.39	11.25	18.29	10.17	14.04	26.47	66.88	87.19	1.35	98.77	111.85	108.44	651.09
1951	Above Normal	86.59	80.06	65.04	107.06	112.84	139.55	86.83	95.14	93.77	96.30	96.23	93.71	1,153.12
1952	Wet	92.31	87.53	88.23	120.82	103.55	134.57	105.56	124.13	121.91	125.47	125.40	122.22	1,351.70
1953	Wet	120.59	114.40	115.41	117.76	102.45	64.61	60.36	81.59	1.17	87.99	99.64	96.60	1,062.57
1954	Above Normal	77.08	70.83	57.41	11.35	59.98	47.47	69.59	92.45	80.23	81.49	103.29	100.01	851.18
1955	Dry	80.65	74.21	60.07	11.64	25.92	39.04	62.73	82.35	81.73	78.19	90.11	87.15	773.79
1956	Wet	70.30	64.65	52.34	75.94	112.41	138.64	102.96	108.02	106.43	109.30	109.19	106.41	1,156.59
1957	Above Normal	104.82	99.47	100.29	79.43	78.14	76.85	72.36	96.19	29.40	94.01	114.18	110.55	1,055.69
1958	Wet	88.52	81.89	66.45	13.42	97.30	101.49	130.83	136.98	134.77	138.42	138.42	134.81	1,263.30
1959	Below Normal	133.03	0.47	125.76	57.48	61.70	51.45	61.38	79.98	1.54	90.87	102.54	99.43	865.63
1960	Dry	79.27	72.98	59.24	5.55	10.57	30.63	83.92	104.62	51.24	105.79	63.63	123.71	791.15
1961	Dry	103.02	95.53	81.76	17.68	25.24	26.36	64.26	83.75	83.47	79.59	54.03	17.13	731.82
1962	Below Normal	0.91	42.62	52.18	5.88	11.20	39.89	68.38	90.26	1.44	102.30	116.10	112.59	643.75
1963	Wet	89.96	83.10	67.46	79.72	85.67	84.12	73.20	85.11	83.93	84.77	87.83	85.30	990.17
1964	Dry	79.62	74.72	71.69	57.92	117.26	88.57	83.22	91.52	90.35	91.33	94.22	91.47	1,031.89
1965	Wet	85.99	80.78	78.00	87.92	113.99	104.73	78.06	87.55	22.68	94.26	98.16	95.22	1,027.34
1966	Below Normal	87.52	81.99	77.72	113.49	112.45	82.11	66.18	85.28	84.52	82.28	91.42	88.35	1,053.31
1967	Wet	74.99	69.23	59.86	26.66	116.92	113.85	129.10	135.54	133.38	137.04	137.04	133.57	1,267.18
1968	Below Normal	131.60	124.91	126.05	63.44	78.14	56.18	62.69	82.05	1.63	93.17	104.78	101.74	1,026.38
1969	Wet	80.84	74.46	60.45	73.26	108.51	138.45	124.54	130.31	128.21	131.67	131.64	128.32	1,310.66
1970	Wet	126.40	120.06	121.12	112.94	97.85	133.85	86.99	93.42	92.13	94.56	94.50	91.95	1,265.77
1971	Wet	90.63	85.87	86.57	121.00	109.49	100.95	66.39	85.89	85.19	83.23	91.88	88.84	1,095.93
1972	Below Normal	75.92	70.24	61.34	45.71	93.76	81.45	70.13	88.86	88.27	85.09	96.13	92.93	949.83
1973	Above Normal	77.06	71.12	59.78	22.02	99.72	100.92	92.75	100.55	99.21	101.66	101.61	98.91	1,025.31
1974	Wet	97.43	92.31	93.09	120.19	104.94	131.37	125.57	101.80	100.46	102.99	102.95	100.32	1,273.42
1975	Wet	98.87	93.66	94.42	106.21	88.90	119.80	94.51	99.21	97.89	100.38	100.32	97.76	1,191.93
1976	Critical	96.20	91.21	92.01	63.94	70.82	53.90	71.28	93.43	62.42	91.68	41.84	115.05	943.78
1977	Critical	91.53	84.30	48.18	5.71	10.89	14.93	27.56	1.12	1.78	1.82	1.78	1.33	290.93
1978	Above Normal	1.02	12.65	53.05	5.53	26.70	90.46	86.32	99.24	97.98	98.96	102.08	99.16	773.15
1979	Below Normal	93.53	87.89	85.10	55.33	59.97	119.04	98.03	103.44	102.07	104.63	104.55	101.92	1,115.50
1980	Above Normal	100.25	94.95	95.80	65.69	113.12	137.75	128.88	134.78	132.63	136.33	136.27	132.83	1,409.28
1981	Dry	130.99	88.18	130.37	62.91	62.34	48.40	64.82	87.19	1.80	98.78	111.84	108.51	996.13
1982	Wet	86.47	79.80	64.78	68.09	88.98	101.02	127.51	133.43	131.36	134.78	134.73	131.29	1,282.24
1983	Wet	129.48	122.92	124.04	104.96	119.82	136.70	121.77	127.55	125.53	128.93	128.91	125.67	1,496.28
1984	Wet	131.74	117.63	130.91	116.76	114.97	139.72	85.65	94.72	93.15	95.91	95.84	93.35	1,310.35
1985	Dry	91.85	87.17	87.87	120.80	82.73	96.52	86.35	93.45	92.32	94.70	94.59	92.00	1,120.35
1986	Wet	90.72	86.02	86.72	67.13	73.16	130.73	131.09	137.28	134.75	138.83	138.00	134.33	1,348.76
1987	Dry	133.47	0.47	124.39	52.86	51.62	28.08	38.55	54.16	55.49	47.81	48.11	46.73	681.74
1988	Critical	30.49	24.55	19.90	5.92	18.07	15.02	28.46	42.20	43.28	37.57	37.38	36.23	339.07
1989	Dry	23.29	18.48	14.97	8.49	19.20	22.84	93.48	106.37	104.97	105.06	100.16	108.81	726.12
1990	Critical	99.56	93.50	88.18	43.37	45.74	32.47	44.57	62.60	64.13	55.29	55.55	54.00	738.96
1991	Critical	35.12	28.38	23.00	5.75	10.98	15.04	29.65	41.97	43.11	37.40	37.37	36.33	344.10
1992	Critical	23.52	18.73	15.17	5.69	10.87	14.89	40.56	57.11	58.36	50.33	47.89	50.12	393.24
1993	Above Normal	19.76	16.95	35.37	6.01	87.02	88.33	77.00	90.54	1.41	99.99	107.72	104.44	734.54
1994	Critical	92.07	85.83	77.81	36.90	45.06	50.43	71.53	93.45	26.49	96.74	1.75	26.49	704.55
1995	Wet	0.88	0.99	84.72	5.78	68.56	59.67	119.56	125.12	123.16	126.59	126.56	123.33	964.92
1996	Wet	121.56	18.45	54.09	57.14	52.37	87.90	89.63	93.78	92.43	95.00	94.94	92.36	949.65
1997	Wet	90.96	86.27	87.01	121.95	102.88	135.24	105.21	110.16	108.34	111.36	111.29	108.44	1,279.11
1998	Wet	106.82	101.39	102.26	78.56	101.67	133.19	99.34	101.57	99.97	103.04	103.01	100.27	1,231.09
1999	Wet	98.61	93.56	94.36	121.77	110.80	94.38	86.13	94.28	92.75	95.67	95.65	93.05	1,171.01
2000	Above Normal	91.66	86.95	87.65	71.23	115.56	86.56	80.59	94.80	93.55	93.27	99.62	96.56	1,098.00
2001	Dry	86.41	80.80	74.44	37.25	40.46	35.63	59.64	83.68	85.31	74.44	76.28	74.30	808.64
2002	Dry	49.35	40.83	33.25	11.88	26.85	38.82	101.04	105.76	104.05	107.24	27.40	118.37	764.84
2003	Above Normal	0.83	0.39	68.69	18.94	31.23	40.58	62.16	81.59	1.08	92.85	104.47	101.35	604.16
	Average	82.49	70.90	75.20	52.43	67.07	75.22	81.12	93.02	78.82	94.00	91.41	93.19	954.88
	Wet	93.91	84.35	85.33	82.41	97.42	113.09	102.21	109.05	101.90	110.45	111.67	108.69	1,200.47
	Above Normal	64.07	62.58	74.30	40.25	74.69	82.79	85.00	98.73	73.02	98.85	106.97	103.89	965.14
	Below Normal	90.24	72.57	79.62	56.62	65.91	80.61	78.97	88.43	63.83	98.60	105.71	102.63	983.76
	Dry	81.48	61.30	71.69	33.91	41.74	42.43	72.70	89.90	76.55	87.75	73.86	90.02	823.33
	Critical	68.67	62.55	54.28	22.55	33.08	28.46	46.70	62.60	55.50	57.53	41.61	42.64	576.18

Energy generated (GWh) at DCanyon: Alternative1_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	114.09	127.44	106.34	28.22	81.42	91.37	84.46	90.50	95.93	97.70	98.91	96.42	1,112.80
1923	Below Normal	93.08	88.29	87.44	123.29	114.03	90.18	63.87	84.84	90.58	88.39	97.91	94.94	1,116.84
1924	Critical	80.95	75.15	65.33	26.46	25.56	26.57	40.35	58.44	59.89	51.59	51.65	50.20	612.14
1925	Dry	32.36	26.10	21.16	5.85	12.61	35.40	74.50	97.13	97.78	93.39	108.09	104.54	708.91
1926	Dry	84.95	78.52	63.84	7.24	16.41	33.79	56.75	79.29	78.84	75.17	87.38	84.36	746.54
1927	Wet	68.49	63.03	51.02	11.77	55.29	102.38	92.16	97.66	102.93	105.58	105.49	102.87	958.67
1928	Above Normal	101.40	96.43	97.21	68.62	77.52	50.18	106.15	111.15	112.16	115.15	115.09	112.15	1,163.21
1929	Critical	110.57	105.14	106.14	68.86	64.71	35.41	37.21	64.86	66.22	57.12	57.46	1.27	774.97
1930	Dry	34.03	49.59	46.53	5.66	15.64	23.10	60.09	82.31	83.67	75.10	80.41	78.16	634.29
1931	Critical	55.65	48.09	39.34	5.59	15.18	25.48	51.17	72.00	73.50	63.37	63.66	61.83	574.86
1932	Dry	40.07	32.50	26.35	7.79	23.16	34.94	56.13	74.12	80.62	76.77	86.74	84.16	623.35
1933	Critical	68.16	62.87	52.16	12.26	62.18	30.39	58.49	80.46	81.50	73.93	79.90	77.59	739.89
1934	Critical	56.24	48.89	39.99	5.80	13.69	26.90	59.51	83.51	85.24	73.52	22.85	1.28	517.42
1935	Below Normal	87.09	73.26	56.77	5.90	21.47	34.19	93.34	105.03	109.52	109.52	114.68	111.52	922.29
1936	Below Normal	102.77	96.93	91.98	50.30	53.19	133.94	101.26	108.76	113.80	116.72	116.65	113.77	1,200.07
1937	Below Normal	112.07	106.65	107.56	69.10	115.31	141.91	125.96	131.98	136.59	140.10	140.03	136.60	1,463.86
1938	Wet	134.71	128.29	122.84	74.15	98.03	133.19	133.47	137.32	134.06	145.59	145.32	141.48	1,528.45
1939	Dry	140.16	133.45	134.62	96.42	89.19	56.48	62.92	82.13	7.65	99.35	7.91	92.06	1,002.34
1940	Above Normal	7.03	6.67	94.40	11.69	13.06	43.52	72.96	97.80	54.42	93.36	119.35	115.77	730.03
1941	Wet	94.40	87.46	69.13	41.51	86.09	98.95	102.65	107.84	112.76	115.79	115.67	112.80	1,145.05
1942	Wet	111.23	105.90	103.19	120.14	105.64	121.83	72.53	85.57	91.35	90.56	96.83	93.95	1,198.72
1943	Wet	84.10	78.72	72.27	94.92	109.55	99.33	114.04	119.35	123.94	127.34	127.24	124.22	1,275.02
1944	Dry	122.52	7.19	134.11	54.53	47.04	38.96	59.85	81.53	85.12	78.08	85.01	82.69	876.63
1945	Below Normal	61.59	54.50	45.10	14.03	21.50	129.87	100.76	105.49	110.70	113.52	113.43	110.68	981.17
1946	Below Normal	108.99	103.63	104.50	127.22	102.37	133.82	74.66	83.89	88.88	90.30	92.15	89.68	1,200.09
1947	Dry	85.63	81.06	79.40	60.18	60.24	46.09	105.95	110.87	110.36	113.27	113.18	110.35	1,076.58
1948	Below Normal	108.77	103.29	104.28	65.16	61.82	33.90	50.90	1.11	1.41	103.54	117.53	113.99	865.70
1949	Dry	91.10	84.40	68.61	9.93	20.01	31.04	82.19	102.64	101.81	98.44	17.52	125.13	832.82
1950	Below Normal	97.00	12.25	95.81	10.17	14.04	26.47	66.88	87.19	1.97	99.39	112.48	109.06	732.71
1951	Above Normal	87.22	80.68	65.04	131.84	121.66	139.53	86.93	95.23	100.52	103.05	102.97	100.45	1,215.12
1952	Wet	99.05	94.26	94.97	127.47	112.76	134.58	105.07	104.86	103.51	112.73	112.66	109.91	1,311.83
1953	Wet	108.50	103.17	103.98	125.31	103.64	109.98	62.88	84.66	88.79	86.01	96.70	93.73	1,167.35
1954	Above Normal	78.16	72.24	61.08	22.89	80.19	52.58	69.23	92.33	91.48	87.56	101.11	97.79	906.64
1955	Dry	79.06	72.76	58.87	11.71	26.74	40.13	64.32	84.44	83.79	80.15	92.36	89.35	783.68
1956	Wet	72.07	66.29	53.67	73.49	112.64	138.57	103.33	108.35	113.41	116.28	116.17	113.39	1,187.66
1957	Above Normal	111.79	106.43	107.25	86.22	78.25	75.31	72.34	96.15	32.21	99.21	119.73	116.11	1,101.00
1958	Wet	94.01	87.36	71.90	18.71	97.22	101.42	130.76	136.92	141.36	145.01	145.01	141.47	1,311.15
1959	Below Normal	139.61	7.13	136.80	64.24	61.70	51.47	61.38	79.98	2.03	91.35	103.03	99.91	898.63
1960	Dry	79.75	73.47	59.72	6.04	10.58	30.53	83.95	104.64	51.45	105.80	64.31	123.58	793.82
1961	Dry	102.94	95.45	81.71	17.73	25.28	26.38	64.27	83.76	83.48	79.60	53.95	17.16	731.71
1962	Below Normal	0.91	43.56	125.11	5.88	11.20	39.91	68.37	90.25	7.56	108.42	122.21	118.70	742.08
1963	Wet	96.07	89.21	73.57	85.83	85.67	84.12	73.21	85.11	90.59	91.43	94.48	91.95	1,041.24
1964	Dry	86.27	81.37	78.35	64.67	117.26	88.60	83.22	91.51	90.34	91.32	94.21	91.45	1,058.57
1965	Wet	85.99	80.78	78.01	87.94	113.98	104.73	78.03	87.55	28.92	100.95	104.87	101.93	1,053.68
1966	Below Normal	94.19	88.66	84.36	120.07	112.36	82.10	66.19	85.28	88.60	86.36	95.49	92.42	1,096.08
1967	Wet	79.07	73.31	63.96	30.76	116.92	113.89	129.10	135.54	133.38	143.70	143.70	140.23	1,303.56
1968	Below Normal	138.25	101.69	136.94	64.87	72.03	54.55	62.99	82.44	6.34	98.31	109.99	106.93	1,035.33
1969	Wet	85.94	79.54	65.46	72.97	108.72	147.13	124.68	130.46	128.35	138.47	138.45	135.12	1,355.29
1970	Wet	133.20	126.85	127.92	114.09	106.72	133.95	98.34	92.75	98.13	100.54	100.48	97.95	1,330.92
1971	Wet	96.64	91.91	92.60	127.75	111.68	103.21	66.74	85.74	88.48	86.72	94.95	91.93	1,138.35
1972	Below Normal	79.54	73.92	65.46	51.47	94.61	82.07	70.30	88.92	88.33	85.20	96.13	92.94	968.89
1973	Above Normal	77.18	71.24	60.00	22.38	99.72	100.92	92.76	100.55	105.58	108.03	107.97	105.28	1,051.61
1974	Wet	103.80	98.68	99.46	126.56	104.68	131.57	126.08	101.50	106.81	109.34	109.30	106.68	1,324.46
1975	Wet	105.23	100.03	100.79	113.55	89.08	119.65	94.33	99.03	104.12	106.61	106.55	104.00	1,242.97
1976	Critical	102.44	97.46	98.26	70.27	70.74	54.01	71.46	93.66	63.34	91.82	41.17	115.49	970.12
1977	Critical	92.10	84.54	44.99	5.71	10.89	14.93	27.56	1.12	1.78	1.82	1.78	1.33	288.55
1978	Above Normal	1.02	14.19	81.06	5.53	26.70	84.23	83.00	99.20	104.70	104.13	110.46	107.31	821.53
1979	Below Normal	97.56	91.52	85.30	49.96	49.80	110.56	93.77	98.92	104.28	106.73	106.65	104.13	1,099.18
1980	Above Normal	102.52	97.42	98.22	102.08	112.18	138.23	105.32	114.04	118.88	122.10	122.03	119.06	1,352.08
1981	Dry	117.53	111.73	112.63	82.88	104.61	78.20	71.44	96.04	74.13	99.66	112.76	109.39	1,171.00
1982	Wet	90.07	83.49	69.74	77.23	92.06	100.94	127.47	133.39	137.98	141.39	141.34	137.90	1,333.00
1983	Wet	136.10	122.88	124.00	104.96	132.97	144.92	121.77	127.55	125.53	128.93	135.57	132.33	1,537.51
1984	Wet	131.74	117.63	147.26	116.76	124.28	139.72	85.65	94.72	99.81	102.57	102.49	100.00	1,362.63
1985	Dry	98.51	93.82	94.52	127.44	82.73	96.52	86.35	93.45	95.99	98.37	98.25	95.67	1,161.62
1986	Wet	94.39	89.69	90.39	70.79	73.15	130.93	131.41	137.61	141.15	145.68	144.63	140.96	1,390.78
1987	Dry	140.69	7.12	136.21	59.46	51.57	28.06	38.53	54.13	55.46	47.79	48.09	46.70	713.81
1988	Critical	30.48	24.54	19.89	5.92	18.09	15.02	28.46	42.74	43.83	38.03	37.84	36.69	341.53
1989	Dry	23.59	18.72	15.17	8.42	19.07	22.66	93.00	106.35	104.97	104.90	89.00	110.68	716.53
1990	Critical	100.85	94.67	88.95	42.22	44.91	32.34	44.93	63.11	64.65	55.73	55.99	54.44	742.79
1991	Critical	35.40	28.61	23.19	5.75	10.98	15.04	29.65	41.97	43.11	37.40	37.37	36.33	344.80
1992	Critical	23.52	18.73	15.17	5.69	10.87	14.89	39.82	56.08	57.31	49.43	47.09	49.18	387.78
1993	Above Normal	21.87	17.15	32.70	6.04	87.16	88.60	77.17	90.53	8.07	107.43	115.02	111.73	763.47
1994	Critical	99.46	93.20	85.30	44.10	45.54	50.50	71.44	93.33	29.82	96.28	1.75	28.81	739.53
1995	Wet	0.88	0.52	124.11	5.78	68.56	59.67	119.56	125.12	129.82	109.65	135.91	132.60	1,012.18
1996	Wet	36.25	7.17	101.47	63.88	52.34	87.88	89.34	93.47	98.78	101.34	101.28	98.71	931.91
1997	Wet	97.32	92.63	92.38	121.98	111.15	136.30	105.19	110.15	114.98	118.00	117.93	115.08	1,333.09
1998	Wet	113.46	108.04	108.90	85.09	101.70	133.19	99.27	100.97	99.38	102.43	109.07	106.33	1,267.83
1999	Wet	104.68	99.66	102.02	128.49	110.80	94.38	86.13	94.28	99.41	102.32	102.30	99.71	1,224.18
2000	Above Normal	98.31	93.61	94.31	77.88	115.61	85.41	80.12	94.81	99.33	98.88	105.59	102.49	1,146.35
2001	Dry	91.90	86.24	79.51	41.56	39.28	35.23	59.63	83.64	85.26	74.44	76.36	74.37	827.42
2002	Dry	49.47	40.96	33.36	11.88	26.85	38.81	100.91	105.64	103.92	107.11	24.33	118.79	762.03
2003	Above Normal	0.83	0.39	128.94	18.94	31.23	40.58	62.16	81.59	2.93	94.70	106.31	103.20	671.80
	Average	84.59	73.93	82.47	56.15	68.26	76.44	80.86	92.44	83.65	96.74	94.46	96.38	986.37
	Wet	94.52	87.56	92.50	85.46	99.44	115.63	102.82	108.36	109.14	114.42	117.09	114.12	1,241.06
	Above Normal	66.79	65.32	85.55	48.53	77.06	82.54	82.72	96.99	77.18	102.61	110.38	107.31	1,002.97
	Below Normal	94.39	74.66	94.82	58.69	64.67	81.78	78.62	88.15	67.90	102.70	109.88	106.81	1,023.07
	Dry	83.36	65.25	73.59	37.74	43.79	43.61	72.44	89.65	81.92	88.82	74.44	91.03	845.65
	Critical	71.32	65.16	56.56	24.89	32.78	28.46	46.67	62.61	55.85	57.50	41.54	42.87	586.20

Difference in Energy generated (GWh) at DCanyon: Alternative1_2020 minus CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	6.66	6.66	6.66	6.66	2.22
1923	Below Normal	6.65	6.65	6.64	0.53	0.02	(0.65)	(0.07)	0.03	6.68	6.63	6.72	6.72	3.88
1924	Critical	6.61	6.60	6.51	6.25	(0.32)	(0.10)	0.01	0.03	0.03	0.02	0.02	0.02	2.14
1925	Dry	0.01	0.01	0.01	0.00	(0.02)	(0.03)	0.05	0.05	1.45	1.44	1.46	1.46	0.49
1926	Dry	1.44	1.44	1.43	1.39	(0.03)	(0.02)	(0.08)	(0.05)	(0.05)	(0.05)	(0.06)	(0.06)	0.44
1927	Wet	(0.04)	(0.05)	(0.03)	0.00	(0.05)	0.01	0.01	0.00	6.66	6.66	6.66	6.66	2.21
1928	Above Normal	6.65	6.66	6.66	6.65	(0.08)	0.00	0.00	0.00	2.78	2.77	2.77	2.77	3.14
1929	Critical	2.78	2.78	2.78	2.77	0.00	(0.01)	(0.03)	(0.04)	(0.04)	(0.03)	(0.03)	0.00	0.91
1930	Dry	0.58	0.82	0.87	0.00	(0.01)	(0.01)	0.01	0.00	0.00	0.01	(0.01)	(0.01)	0.19
1931	Critical	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)
1932	Dry	(0.02)	(0.02)	(0.01)	0.00	0.00	0.00	0.00	0.01	6.66	6.65	6.66	6.66	2.22
1933	Critical	6.65	6.66	6.57	6.62	(2.90)	0.00	0.00	0.00	0.01	0.00	0.00	0.00	1.97
1934	Critical	0.00	0.00	0.01	0.00	(0.02)	(0.02)	(0.01)	0.01	0.01	(0.01)	(0.24)	0.00	(0.02)
1935	Below Normal	(0.09)	0.01	(0.02)	0.00	(0.09)	(0.12)	(0.62)	(0.05)	5.61	5.40	5.82	5.80	1.80
1936	Below Normal	5.23	5.18	4.71	4.12	(1.25)	0.11	0.02	0.02	6.68	6.68	6.67	6.68	3.74
1937	Below Normal	6.68	6.68	6.68	(0.01)	1.51	34.16	0.00	0.00	6.66	6.66	6.66	6.66	6.86
1938	Wet	6.66	6.66	0.01	(2.10)	(2.10)	2.07	2.51	0.93	(0.38)	7.72	7.53	7.15	3.06
1939	Dry	7.82	7.77	7.79	16.04	0.70	(7.54)	(11.94)	(15.57)	6.16	0.62	6.16	(4.11)	1.16
1940	Above Normal	6.16	6.35	22.72	6.16	0.06	0.01	0.02	0.02	6.04	5.49	5.78	5.78	5.38
1941	Wet	5.77	5.77	2.96	(0.04)	0.00	(0.41)	(0.38)	(0.40)	6.26	6.25	6.24	6.26	3.19
1942	Wet	6.26	6.27	2.70	0.04	0.09	(0.41)	(0.02)	(0.01)	6.64	6.65	6.65	6.64	3.46
1943	Wet	6.64	6.64	6.63	(0.04)	(0.96)	(0.89)	(0.64)	(0.66)	6.00	5.99	5.99	6.00	3.39
1944	Dry	6.01	6.66	6.68	2.17	(4.01)	(1.32)	(0.02)	(0.02)	3.02	3.03	3.03	3.02	2.35
1945	Below Normal	3.03	3.03	3.03	3.04	0.00	(4.90)	0.15	0.16	6.81	6.82	6.82	6.82	2.90
1946	Below Normal	6.81	6.81	6.81	6.66	0.02	(2.04)	(0.69)	(0.03)	6.18	5.95	6.39	6.36	4.10
1947	Dry	5.73	5.66	5.15	4.57	(1.31)	(0.07)	0.30	0.32	1.55	1.55	1.55	1.55	2.21
1948	Below Normal	1.55	1.53	1.53	(0.57)	(2.00)	(0.73)	0.02	0.00	0.00	0.71	0.72	0.72	0.29
1949	Dry	0.53	0.49	0.41	(0.04)	(0.07)	(0.05)	(0.49)	(0.12)	(0.11)	(0.25)	(1.68)	0.68	(0.06)
1950	Below Normal	0.61	1.00	77.52	0.00	0.00	0.00	0.00	0.00	0.62	0.62	0.63	0.62	6.80
1951	Above Normal	0.63	0.62	0.00	24.78	8.82	(0.02)	0.10	0.09	6.75	6.75	6.74	6.74	5.17
1952	Wet	6.74	6.73	6.74	6.65	9.21	0.01	(0.49)	(19.27)	(18.40)	(12.74)	(12.74)	(12.31)	(3.32)
1953	Wet	(12.09)	(11.23)	(11.43)	7.55	1.19	45.37	2.52	3.07	87.62	(1.98)	(2.94)	(2.87)	8.73
1954	Above Normal	1.08	1.41	3.67	11.54	20.21	5.11	(0.36)	(0.12)	11.25	6.07	(2.18)	(2.22)	4.62
1955	Dry	(1.59)	(1.45)	(1.20)	0.07	0.82	1.09	1.59	2.09	2.06	1.96	2.25	2.20	0.82
1956	Wet	1.77	1.64	1.33	(2.45)	0.23	(0.07)	0.37	0.33	6.98	6.98	6.98	6.98	2.59
1957	Above Normal	6.97	6.96	6.96	6.79	0.11	(1.54)	(0.02)	(0.04)	2.81	5.20	5.55	5.56	3.78
1958	Wet	5.49	5.47	5.45	5.29	(0.08)	(0.07)	(0.07)	(0.06)	6.59	6.59	6.59	6.66	3.99
1959	Below Normal	6.58	6.66	11.04	6.76	0.00	0.02	0.00	0.00	0.49	0.48	0.49	0.48	2.75
1960	Dry	0.48	0.49	0.48	0.49	0.01	(0.10)	0.03	0.02	0.21	0.01	0.68	(0.13)	0.22
1961	Dry	(0.08)	(0.08)	(0.05)	0.05	0.04	0.02	0.01	0.01	0.01	0.01	(0.08)	0.03	(0.01)
1962	Below Normal	0.00	0.94	72.93	0.00	0.00	0.02	(0.01)	(0.01)	6.12	6.12	6.11	6.11	8.19
1963	Wet	6.11	6.11	6.11	6.11	0.00	0.00	0.01	0.00	6.66	6.66	6.65	6.65	4.26
1964	Dry	6.65	6.65	6.66	6.75	0.00	0.03	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	2.22
1965	Wet	0.00	0.00	0.01	0.02	(0.01)	0.00	(0.03)	0.00	6.24	6.69	6.71	6.71	2.20
1966	Below Normal	6.67	6.67	6.64	6.58	(0.09)	(0.01)	0.01	0.00	4.08	4.08	4.07	4.07	3.56
1967	Wet	4.08	4.08	4.10	4.10	0.00	0.04	0.00	0.00	0.00	6.66	6.66	6.66	3.03
1968	Below Normal	6.65	(23.22)	10.89	1.43	(6.11)	(1.63)	0.30	0.39	4.71	5.14	5.21	5.19	0.75
1969	Wet	5.10	5.08	5.01	(0.29)	0.21	8.68	0.14	0.15	0.14	6.80	6.81	6.80	3.72
1970	Wet	6.80	6.79	6.80	1.15	8.87	0.10	11.35	(0.67)	6.00	5.98	5.98	6.00	5.43
1971	Wet	6.01	6.04	6.03	6.75	2.19	2.26	0.35	(0.15)	3.29	3.49	3.07	3.09	3.54
1972	Below Normal	3.62	3.68	4.12	5.76	0.85	0.62	0.17	0.06	0.06	0.11	0.00	0.01	1.59
1973	Above Normal	0.12	0.12	0.22	0.36	0.00	0.00	0.01	0.00	6.37	6.37	6.36	6.37	2.19
1974	Wet	6.37	6.37	6.37	6.37	(0.26)	0.20	0.51	(0.30)	6.35	6.35	6.35	6.36	4.25
1975	Wet	6.36	6.37	6.37	7.34	0.18	(0.15)	(0.18)	(0.18)	6.23	6.23	6.23	6.24	4.25
1976	Critical	6.24	6.25	6.25	6.33	(0.08)	0.11	0.18	0.23	0.92	0.14	(0.67)	0.44	2.20
1977	Critical	0.57	0.24	(3.19)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.20)
1978	Above Normal	0.00	1.54	28.01	0.00	0.00	(6.23)	(3.32)	(0.04)	6.72	5.17	8.38	8.15	4.03
1979	Below Normal	4.03	3.63	0.20	(5.37)	(10.17)	(8.48)	(4.26)	(4.52)	2.21	2.10	2.10	2.21	(1.36)
1980	Above Normal	2.27	2.47	2.42	36.39	(0.94)	0.48	(23.56)	(20.74)	(13.75)	(14.23)	(14.24)	(13.77)	(4.77)
1981	Dry	(13.46)	23.55	(17.74)	19.97	42.27	29.80	6.62	8.85	72.33	0.88	0.92	0.88	14.57
1982	Wet	3.60	3.69	4.96	9.14	3.08	(0.08)	(0.04)	(0.04)	6.62	6.61	6.61	6.61	4.23
1983	Wet	6.62	(0.04)	(0.04)	0.00	13.15	8.22	0.00	0.00	0.00	0.00	6.66	6.66	3.44
1984	Wet	0.00	0.00	16.35	0.00	9.31	0.00	0.00	0.00	6.66	6.66	6.65	6.65	4.36
1985	Dry	6.66	6.65	6.65	6.64	0.00	0.00	0.00	0.00	3.67	3.67	3.66	3.67	3.44
1986	Wet	3.67	3.67	3.67	3.66	(0.01)	0.20	0.32	0.33	6.40	6.85	6.63	6.63	3.50
1987	Dry	7.22	6.65	11.82	6.60	(0.05)	(0.02)	(0.02)	(0.03)	(0.03)	(0.02)	(0.02)	(0.03)	2.67
1988	Critical	(0.01)	(0.01)	(0.01)	0.00	0.02	0.00	0.00	0.54	0.55	0.46	0.46	0.46	0.21
1989	Dry	0.30	0.24	0.20	(0.07)	(0.13)	(0.18)	(0.48)	(0.02)	0.00	(0.16)	(11.16)	1.87	(0.80)
1990	Critical	1.29	1.17	0.77	(1.15)	(0.83)	(0.13)	0.36	0.51	0.52	0.44	0.44	0.44	0.32
1991	Critical	0.28	0.23	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.74)	(1.03)	(1.05)	(0.90)	(0.80)	(0.94)	(0.45)
1993	Above Normal	2.11	0.20	(2.67)	0.03	0.14	0.27	0.17	(0.01)	6.66	7.44	7.30	7.29	2.41
1994	Critical	7.39	7.37	7.49	7.20	0.48	0.07	(0.09)	(0.12)	3.33	(0.46)	0.00	2.32	2.92
1995	Wet	0.00	(0.47)	39.39	0.00	0.00	0.00	0.00	0.00	6.66	(16.94)	9.35	9.27	3.94
1996	Wet	(85.31)	(11.28)	47.38	6.74	(0.03)	(0.02)	(0.29)	(0.31)	6.35	6.34	6.34	6.35	(1.48)
1997	Wet	6.36	6.36	5.37	0.03	8.27	1.06	(0.02)	(0.01)	6.64	6.64	6.64	6.64	4.50
1998	Wet	6.64	6.65	6.64	6.53	0.03	0.00	(0.07)	(0.60)	(0.59)	(0.61)	6.06	6.06	3.06
1999	Wet	6.07	6.10	7.66	6.72	0.00	0.00	0.00	0.00	6.66	6.65	6.65	6.66	4.43
2000	Above Normal	6.65	6.66	6.66	6.65	0.05	(1.15)	(0.47)	0.01	5.78	5.61	5.97	5.93	4.03
2001	Dry	5.49	5.44	5.07	4.31	(1.18)	(0.40)	(0.01)	(0.04)	(0.05)	0.00	0.08	0.07	1.57
2002	Dry	0.12	0.13	0.11	0.00	0.00	(0.01)	(0.13)	(0.12)	(0.13)	(0.13)	(3.07)	0.42	(0.23)
2003	Above Normal	0.00	0.00	60.25	0.00	0.00	0.00	0.00	0.00	1.85	1.85	1.84	1.85	5.64
	Average	2.10	3.03	7.27	3.71	1.18	1.23	(0.26)	(0.58)	4.83	2.74	3.05	3.19	2.62
	Wet	0.60	3.21	7.17	3.05	2.02	2.54	0.61	(0.69)	7.24	3.97	5.42	5.43	3.38
	Above Normal	2.72	2.75	11.24	8.28	2.36	(0.26)	(2.29)	(1.74)	4.16	3.76	3.41	3.43	3.15
	Below Normal	4.14	2.09	15.19	2.07	(1.24)	1.17	(0.36)	(0.28)	4.07	4.11	4.17	4.18	3.28
	Dry	1.88	3.95	1.91	3.83	2.06	1.18	(0.25)	(0.26)	5.37	1.07	0.58	1.01	1.86
	Critical	2.65	2.61	2.28	2.34	(0.31)	(0.01)	(0.03)	0.01	0.35	(0.03)	(0.07)	0.23	0.84

Percent Difference in Energy generated (GWh) at DCanyon: Alternative1_2020 minus CONV_NA

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%	7%	7%	7%	7%
1923	Below Normal	8%	8%	8%	0%	0%	-1%	0%	0%	8%	8%	7%	8%
1924	Critical	9%	10%	11%	31%	-1%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	2%	2%	1%	1%
1926	Dry	2%	2%	2%	24%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	7%	7%	7%	7%
1928	Above Normal	7%	7%	7%	11%	0%	0%	0%	0%	3%	2%	2%	3%
1929	Critical	3%	3%	3%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	2%	2%	2%	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%	9%	9%	8%	9%
1933	Critical	11%	12%	14%	117%	-4%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	-1%	0%	5%	5%	5%	5%
1936	Below Normal	5%	6%	5%	9%	-2%	0%	0%	0%	6%	6%	6%	6%
1937	Below Normal	6%	7%	7%	0%	1%	32%	0%	0%	5%	5%	5%	5%
1938	Wet	5%	5%	0%	-3%	-2%	2%	2%	1%	0%	6%	5%	5%
1939	Dry	6%	6%	6%	20%	1%	-12%	-16%	-16%	413%	1%	352%	-4%
1940	Above Normal	708%	>1,000%	32%	111%	0%	0%	0%	0%	12%	6%	5%	5%
1941	Wet	7%	7%	4%	0%	0%	0%	0%	0%	6%	6%	6%	6%
1942	Wet	6%	6%	3%	0%	0%	0%	0%	0%	8%	8%	7%	8%
1943	Wet	9%	9%	10%	0%	-1%	-1%	-1%	-1%	5%	5%	5%	5%
1944	Dry	5%	>1,000%	5%	4%	-8%	-3%	0%	0%	4%	4%	4%	4%
1945	Below Normal	5%	6%	7%	28%	0%	-4%	0%	0%	7%	6%	6%	7%
1946	Below Normal	7%	7%	7%	6%	0%	-2%	-1%	0%	7%	7%	7%	8%
1947	Dry	7%	8%	7%	8%	-2%	0%	0%	0%	1%	1%	1%	1%
1948	Below Normal	1%	2%	1%	-1%	-3%	-2%	0%	0%	0%	1%	1%	1%
1949	Dry	1%	1%	1%	0%	0%	0%	-1%	0%	0%	0%	-9%	1%
1950	Below Normal	1%	9%	424%	0%	0%	0%	0%	0%	46%	1%	1%	1%
1951	Above Normal	1%	1%	0%	23%	8%	0%	0%	0%	7%	7%	7%	7%
1952	Wet	7%	8%	8%	6%	9%	0%	0%	-16%	-15%	-10%	-10%	-10%
1953	Wet	-10%	-10%	-10%	6%	1%	70%	4%	4%	>1,000%	-2%	-3%	-3%
1954	Above Normal	1%	2%	6%	102%	34%	11%	-1%	0%	14%	7%	-2%	-2%
1955	Dry	-2%	-2%	-2%	1%	3%	3%	3%	3%	3%	3%	2%	3%
1956	Wet	3%	3%	3%	-3%	0%	0%	0%	0%	7%	6%	6%	7%
1957	Above Normal	7%	7%	7%	9%	0%	-2%	0%	0%	10%	6%	5%	5%
1958	Wet	6%	7%	8%	39%	0%	0%	0%	0%	5%	5%	5%	5%
1959	Below Normal	5%	>1,000%	9%	12%	0%	0%	0%	0%	32%	1%	0%	0%
1960	Dry	1%	1%	1%	9%	0%	0%	0%	0%	0%	0%	1%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	2%	140%	0%	0%	0%	0%	0%	425%	6%	5%	5%
1963	Wet	7%	7%	9%	8%	0%	0%	0%	0%	8%	8%	8%	8%
1964	Dry	8%	9%	9%	12%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	28%	7%	7%	7%
1966	Below Normal	8%	8%	9%	6%	0%	0%	0%	0%	5%	5%	4%	5%
1967	Wet	5%	6%	7%	15%	0%	0%	0%	0%	0%	5%	5%	5%
1968	Below Normal	5%	-19%	9%	2%	-8%	-3%	0%	0%	289%	6%	5%	5%
1969	Wet	6%	7%	8%	0%	0%	6%	0%	0%	0%	5%	5%	5%
1970	Wet	5%	6%	6%	1%	9%	0%	13%	-1%	7%	6%	6%	7%
1971	Wet	7%	7%	7%	6%	2%	2%	1%	0%	4%	4%	3%	3%
1972	Below Normal	5%	5%	7%	13%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	2%	0%	0%	0%	0%	6%	6%	6%	6%
1974	Wet	7%	7%	7%	5%	0%	0%	0%	0%	6%	6%	6%	6%
1975	Wet	6%	7%	7%	7%	0%	0%	0%	0%	6%	6%	6%	6%
1976	Critical	6%	7%	7%	10%	0%	0%	0%	0%	1%	0%	-2%	0%
1977	Critical	1%	0%	-7%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	12%	53%	0%	0%	-7%	-4%	0%	7%	5%	8%	8%
1979	Below Normal	4%	4%	0%	-10%	-17%	-7%	-4%	-4%	2%	2%	2%	2%
1980	Above Normal	2%	3%	3%	55%	-1%	0%	-18%	-15%	-10%	-10%	-10%	-10%
1981	Dry	-10%	27%	-14%	32%	68%	62%	10%	10%	>1,000%	1%	1%	1%
1982	Wet	4%	5%	8%	13%	3%	0%	0%	0%	5%	5%	5%	5%
1983	Wet	5%	0%	0%	0%	11%	6%	0%	0%	0%	0%	5%	5%
1984	Wet	0%	0%	12%	0%	8%	0%	0%	0%	7%	7%	7%	7%
1985	Dry	7%	8%	8%	5%	0%	0%	0%	0%	4%	4%	4%	4%
1986	Wet	4%	4%	4%	5%	0%	0%	0%	0%	5%	5%	5%	5%
1987	Dry	5%	>1,000%	10%	12%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%
1989	Dry	1%	1%	1%	-1%	-1%	-1%	-1%	0%	0%	0%	-11%	2%
1990	Critical	1%	1%	1%	-3%	-2%	0%	1%	1%	1%	1%	1%	1%
1991	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	-2%	-2%	-2%	-2%	-2%	-2%
1993	Above Normal	11%	1%	-8%	0%	0%	0%	0%	0%	472%	7%	7%	7%
1994	Critical	8%	9%	10%	20%	1%	0%	0%	0%	13%	0%	0%	9%
1995	Wet	0%	-47%	46%	0%	0%	0%	0%	0%	5%	-13%	7%	8%
1996	Wet	-70%	-61%	88%	12%	0%	0%	0%	0%	7%	7%	7%	7%
1997	Wet	7%	7%	6%	0%	8%	1%	0%	0%	6%	6%	6%	6%
1998	Wet	6%	7%	6%	8%	0%	0%	0%	-1%	-1%	-1%	6%	6%
1999	Wet	6%	7%	8%	6%	0%	0%	0%	0%	7%	7%	7%	7%
2000	Above Normal	7%	8%	8%	9%	0%	-1%	-1%	0%	6%	6%	6%	6%
2001	Dry	6%	7%	7%	12%	-3%	-1%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-11%	0%
2003	Above Normal	0%	0%	88%	0%	0%	0%	0%	0%	171%	2%	2%	2%
	Average	11%	3%	14%	10%	1%	2%	0%	0%	26%	3%	7%	3%
	Wet	1%	0%	10%	5%	2%	3%	1%	-1%	5%	4%	5%	5%
	Above Normal	62%	3%	16%	27%	3%	0%	-2%	-1%	59%	4%	4%	4%
	Below Normal	4%	3%	45%	5%	-2%	1%	0%	0%	60%	4%	4%	4%
	Dry	2%	4%	2%	8%	3%	3%	0%	0%	24%	1%	19%	1%
	Critical	3%	3%	3%	15%	-1%	0%	0%	0%	1%	0%	0%	1%

Energy generated (GWh) at Mojave Dam: CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	11.82	10.83	9.11	2.44	6.99	7.85	7.46	7.81	7.72	7.88	7.98	7.74	95.63
1923	Below Normal	7.35	6.91	6.93	10.52	9.77	7.80	5.70	7.31	7.24	7.09	7.90	7.61	92.13
1924	Critical	6.31	5.79	5.04	1.74	2.22	2.30	3.67	5.05	5.18	4.49	4.50	4.35	50.64
1925	Dry	2.71	2.15	1.82	0.51	1.09	3.24	6.41	8.36	8.32	7.97	9.22	8.89	60.69
1926	Dry	7.10	6.52	5.35	0.51	1.42	2.91	5.09	6.84	6.83	6.54	7.58	7.29	63.98
1927	Wet	5.82	5.32	4.38	1.02	4.75	8.79	8.13	8.42	8.32	8.56	8.55	8.29	80.35
1928	Above Normal	8.06	7.61	7.77	5.31	6.65	4.31	9.33	9.58	9.44	9.71	9.71	9.42	96.90
1929	Critical	9.17	8.69	8.86	5.66	5.54	3.05	3.39	5.60	5.72	4.97	5.00	0.16	65.81
1930	Dry	2.82	4.09	3.92	0.50	1.35	2.00	5.37	7.08	7.23	6.52	6.97	6.75	54.60
1931	Critical	4.71	4.04	3.38	0.49	1.31	2.20	4.61	6.21	6.35	5.51	5.53	5.35	49.69
1932	Dry	3.38	2.70	2.27	0.68	1.99	3.20	4.83	6.39	6.40	6.09	6.94	6.70	51.57
1933	Critical	5.21	4.73	3.91	0.50	5.76	2.62	5.03	6.93	7.03	6.42	6.93	6.70	61.77
1934	Critical	4.77	4.10	3.43	0.51	1.18	2.33	5.32	7.19	7.35	6.38	2.07	0.16	44.79
1935	Below Normal	7.41	6.19	4.87	0.52	1.86	2.96	8.28	9.06	8.98	9.01	9.41	9.11	77.66
1936	Below Normal	8.30	7.78	7.48	3.96	4.66	11.67	8.72	9.38	9.25	9.51	9.51	9.23	99.45
1937	Below Normal	8.97	8.48	8.65	5.91	9.92	9.23	10.83	11.37	11.20	11.52	11.51	11.18	118.77
1938	Wet	10.91	10.34	10.53	6.53	8.59	11.25	11.46	11.75	11.60	11.90	11.89	11.56	128.31
1939	Dry	11.28	10.69	10.88	6.88	7.57	5.49	6.64	8.41	0.19	8.56	0.22	8.32	85.13
1940	Above Normal	0.01	0.00	6.19	0.49	1.12	3.75	6.47	8.43	4.24	7.62	9.82	9.47	57.61
1941	Wet	7.54	6.91	5.67	3.58	7.39	8.54	9.05	9.33	9.19	9.47	9.46	9.18	95.31
1942	Wet	8.93	8.45	8.62	10.29	9.05	10.48	6.44	7.38	7.32	7.28	7.81	7.53	99.58
1943	Wet	6.58	6.09	5.63	8.14	9.47	8.61	10.06	10.34	10.16	10.48	10.47	10.18	106.21
1944	Dry	9.92	0.00	10.92	4.48	4.37	3.47	5.34	7.03	7.08	6.51	7.10	6.88	73.10
1945	Below Normal	4.97	4.33	3.61	0.96	1.85	11.75	8.66	9.08	8.97	9.23	9.22	8.95	81.58
1946	Below Normal	8.70	8.21	8.38	10.34	8.78	11.65	6.69	7.24	7.15	7.31	7.43	7.19	99.07
1947	Dry	6.78	6.38	6.37	4.77	5.27	3.97	9.29	9.54	9.39	9.65	9.64	9.37	90.42
1948	Below Normal	9.13	8.64	8.81	5.62	5.46	2.98	4.57	0.14	0.18	8.90	10.10	9.76	74.29
1949	Dry	7.71	7.10	5.85	0.87	1.73	2.68	7.31	8.85	8.80	8.55	1.76	10.71	71.92
1950	Below Normal	8.20	0.90	1.59	0.88	1.21	2.29	5.95	7.52	0.17	8.56	9.67	9.35	56.29
1951	Above Normal	7.37	6.77	5.58	9.37	9.67	11.96	7.48	8.21	8.10	8.33	8.33	8.08	99.25
1952	Wet	7.85	7.42	7.57	10.35	8.88	11.54	9.27	10.70	10.50	10.84	10.83	10.52	116.27
1953	Wet	10.28	9.72	9.90	10.09	8.77	5.54	5.39	7.03	0.14	7.63	8.62	8.33	91.44
1954	Above Normal	6.55	5.98	4.92	0.99	5.15	4.08	6.19	7.97	6.93	7.08	8.93	8.62	73.39
1955	Dry	6.85	6.27	5.15	1.01	2.23	3.36	5.58	7.10	7.06	6.79	7.81	7.52	66.73
1956	Wet	5.97	5.45	4.49	6.52	9.83	11.89	8.86	9.31	9.19	9.45	9.44	9.17	99.57
1957	Above Normal	8.92	8.44	8.60	6.80	6.69	6.60	6.42	8.28	2.61	8.15	9.86	9.53	90.90
1958	Wet	7.53	6.93	5.70	1.17	8.35	8.72	11.44	11.80	11.61	11.95	11.95	11.60	108.75
1959	Below Normal	11.34	0.00	10.79	4.92	5.29	4.42	5.49	6.89	0.19	7.88	8.87	8.57	74.65
1960	Dry	6.74	6.17	5.08	0.49	0.91	2.64	7.41	9.01	4.49	9.16	5.55	10.65	68.30
1961	Dry	8.77	8.10	7.01	1.52	2.17	2.28	5.73	7.21	7.22	6.91	4.73	1.54	63.19
1962	Below Normal	0.02	3.59	4.49	0.52	0.97	3.44	6.08	7.77	0.18	8.86	10.03	9.70	55.65
1963	Wet	7.65	7.03	5.78	6.85	7.35	7.23	6.49	7.34	7.25	7.35	7.60	7.36	85.28
1964	Dry	6.76	6.32	6.15	4.97	10.05	7.60	7.36	7.89	7.81	7.91	8.15	7.89	88.86
1965	Wet	7.31	6.84	6.69	7.54	9.77	8.99	6.91	7.55	2.02	8.16	8.49	8.20	88.47
1966	Below Normal	7.44	6.94	6.66	9.73	9.64	7.05	5.90	7.36	7.31	7.14	7.92	7.62	90.71
1967	Wet	6.37	5.85	5.13	2.30	10.03	9.78	11.28	11.68	11.49	11.83	11.83	11.50	109.07
1968	Below Normal	11.22	10.62	10.81	5.44	6.69	4.83	5.59	7.07	0.21	8.07	9.06	8.77	88.38
1969	Wet	6.87	6.29	5.18	6.29	9.50	11.88	10.72	11.23	11.05	11.37	11.37	11.05	112.80
1970	Wet	10.77	10.21	10.39	9.68	8.39	11.48	7.68	8.07	7.97	8.19	8.18	7.93	108.94
1971	Wet	7.71	7.28	7.43	10.37	9.38	8.66	5.91	7.40	7.36	7.22	7.96	7.67	94.35
1972	Below Normal	6.45	5.93	5.26	3.93	8.04	7.00	6.23	7.66	7.63	7.38	8.32	8.02	81.85
1973	Above Normal	6.55	6.01	5.13	1.90	8.56	8.86	7.99	8.68	8.58	8.79	8.79	8.53	88.37
1974	Wet	8.29	7.83	7.99	10.30	9.00	11.27	10.98	8.78	8.69	8.91	8.90	8.65	109.59
1975	Wet	8.42	7.94	8.10	9.10	7.61	10.28	8.32	8.56	8.46	8.68	8.68	8.43	102.58
1976	Critical	8.18	7.73	7.89	5.48	6.06	4.63	6.32	8.05	5.42	7.95	3.69	9.91	81.31
1977	Critical	7.79	7.13	4.14	0.50	0.94	1.30	2.59	0.14	0.00	0.20	0.46	0.18	25.37
1978	Above Normal	0.03	1.04	4.57	0.49	2.30	7.77	7.62	8.56	8.47	8.56	8.83	8.55	66.79
1979	Below Normal	7.97	7.45	7.30	4.74	5.14	10.22	8.63	8.93	8.82	9.05	9.04	8.79	96.08
1980	Above Normal	8.54	8.05	8.22	5.82	9.70	11.82	11.09	11.61	11.43	11.77	11.76	11.43	121.24
1981	Dry	11.17	7.49	11.18	5.39	5.34	4.16	5.78	7.52	0.23	8.56	9.67	9.36	85.85
1982	Wet	7.35	6.75	5.55	5.85	7.64	8.68	11.16	11.50	11.33	11.64	11.63	11.30	110.38
1983	Wet	11.04	10.45	10.64	9.01	10.27	11.92	10.47	10.99	10.82	11.13	11.13	10.82	128.69
1984	Wet	11.32	10.09	11.22	9.83	10.04	11.98	7.37	8.17	8.04	8.30	8.29	8.05	112.70
1985	Dry	7.81	7.39	7.56	10.33	7.10	8.29	7.64	8.06	7.99	8.20	8.18	7.93	96.48
1986	Wet	7.71	7.29	7.44	5.74	6.26	11.22	11.47	11.82	11.62	11.98	11.91	11.55	116.01
1987	Dry	11.38	0.00	10.67	4.53	4.42	2.42	3.53	4.68	4.81	4.17	4.20	4.06	58.87
1988	Critical	2.56	2.02	1.71	0.52	1.56	1.31	2.66	3.65	3.76	3.29	3.28	3.16	29.48
1989	Dry	1.94	1.50	1.29	0.74	1.65	1.98	8.25	9.17	9.06	9.09	8.67	9.37	62.71
1990	Critical	8.47	7.93	7.56	3.72	3.92	2.80	4.04	5.40	5.55	4.81	4.83	4.68	63.71
1991	Critical	2.96	2.35	1.98	0.51	0.95	1.31	2.75	3.63	3.74	3.28	3.27	3.17	29.90
1992	Critical	1.97	1.52	1.31	0.50	0.94	1.30	3.70	4.94	5.05	4.39	4.18	4.35	34.15
1993	Above Normal	1.65	1.37	3.03	0.53	7.47	7.59	6.82	7.81	0.18	8.66	9.32	9.00	63.43
1994	Critical	7.84	7.27	6.67	3.17	3.86	4.34	6.35	8.05	2.35	8.38	0.22	2.37	60.87
1995	Wet	0.02	0.00	7.34	0.51	5.89	5.13	10.48	10.78	10.62	10.93	10.93	10.62	83.25
1996	Wet	10.36	1.53	4.66	4.91	4.50	7.55	7.91	8.09	7.99	8.22	8.22	7.96	81.90
1997	Wet	7.73	7.31	7.46	10.45	8.82	11.60	9.25	9.50	9.35	9.62	9.62	9.34	110.05
1998	Wet	9.09	8.61	8.77	6.72	8.72	11.42	8.73	8.75	8.62	8.91	8.91	8.64	105.89
1999	Wet	8.39	8.12	8.09	10.25	9.69	8.11	7.41	8.13	8.00	8.28	8.28	8.02	100.77
2000	Above Normal	7.79	7.37	7.52	6.10	9.90	7.43	7.12	8.16	8.06	8.08	8.62	8.33	94.48
2001	Dry	7.34	6.84	6.38	3.19	3.47	3.07	5.31	7.20	7.34	6.46	6.61	6.42	69.63
2002	Dry	4.17	3.42	2.86	1.03	2.31	3.34	8.88	9.11	8.97	9.27	2.46	10.19	66.01
2003	Above Normal	0.01	0.00	5.92	1.64	2.68	3.49	5.53	7.02	0.13	8.05	9.04	8.74	52.25
	Average	7.04	6.00	6.45	4.50	5.77	6.47	7.14	8.02	6.81	8.14	7.92	8.04	82.30
	Wet	7.99	7.16	7.32	7.05	8.38	9.71	8.95	9.40	8.80	9.55	9.65	9.36	103.33
	Above Normal	5.61	5.29	6.38	3.49	6.41	7.13	7.46	8.51	6.32	8.56	9.25	8.95	83.35
	Below Normal	7.68	6.14	6.83	4.86	5.66	6.95	6.95	7.63	5.53	8.54	9.14	8.85	84.75
	Dry	6.92	5.17	6.15	2.91	3.58	3.67	6.43	7.75	6.62	7.61	6.41	7.77	71.00
	Critical	5.83	5.28	4.66	1.94	2.85	2.46	4.20	5.40	4.79	5.01	3.66	3.71	49.79

Energy generated (GWh) at Mojave Dam: Alternative1_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	11.82	10.83	9.11	2.44	6.99	7.85	7.46	7.81	8.29	8.45	8.56	8.31	97.92
1923	Below Normal	7.92	7.48	7.50	10.57	9.77	7.74	5.69	7.31	7.81	7.66	8.47	8.19	96.11
1924	Critical	6.88	6.35	5.60	2.28	2.20	2.29	3.68	5.05	5.19	4.50	4.50	4.35	52.87
1925	Dry	2.72	2.15	1.82	0.51	1.09	3.24	6.41	8.37	8.44	8.09	9.35	9.01	61.20
1926	Dry	7.22	6.64	5.47	0.63	1.42	2.91	5.09	6.84	6.83	6.53	7.57	7.28	64.43
1927	Wet	5.81	5.32	4.38	1.02	4.75	8.79	8.13	8.42	8.89	9.13	9.12	8.86	82.62
1928	Above Normal	8.63	8.18	8.34	5.88	6.64	4.31	9.33	9.59	9.68	9.95	9.94	9.66	100.13
1929	Critical	9.41	8.93	9.10	5.89	5.54	3.05	3.39	5.59	5.72	4.97	5.00	0.16	66.75
1930	Dry	2.87	4.16	3.99	0.50	1.35	2.00	5.37	7.08	7.23	6.52	6.97	6.75	54.79
1931	Critical	4.71	4.04	3.38	0.49	1.31	2.20	4.61	6.21	6.34	5.51	5.53	5.35	49.68
1932	Dry	3.38	2.70	2.27	0.68	1.99	3.20	4.83	6.39	6.97	6.66	7.51	7.27	53.85
1933	Critical	5.78	5.30	4.47	1.06	5.51	2.62	5.03	6.93	7.03	6.42	6.93	6.70	63.78
1934	Critical	4.77	4.10	3.43	0.51	1.18	2.32	5.32	7.19	7.35	6.38	2.05	0.16	44.76
1935	Below Normal	7.41	6.19	4.87	0.52	1.85	2.95	8.22	9.05	9.46	9.47	9.91	9.61	79.51
1936	Below Normal	8.75	8.22	7.89	4.31	4.56	11.68	8.72	9.38	9.82	10.09	10.08	9.80	103.30
1937	Below Normal	9.54	9.06	9.23	5.91	10.05	12.15	10.83	11.37	11.77	12.09	12.08	11.75	125.83
1938	Wet	11.48	10.91	10.53	6.35	8.41	11.43	11.67	11.83	11.56	12.56	12.54	12.17	131.44
1939	Dry	11.95	11.35	11.54	8.25	7.63	4.85	5.62	7.08	0.71	8.60	0.80	7.95	86.33
1940	Above Normal	0.54	0.53	8.10	1.01	1.13	3.75	6.47	8.43	4.75	8.09	10.31	9.97	63.08
1941	Wet	8.03	7.41	5.93	3.57	7.39	8.50	9.02	9.30	9.72	10.00	9.99	9.71	98.57
1942	Wet	9.47	8.99	8.85	10.30	9.05	10.45	6.43	7.38	7.89	7.85	8.38	8.10	103.14
1943	Wet	7.15	6.66	6.20	8.14	9.39	8.53	10.00	10.29	10.68	11.00	10.98	10.70	109.72
1944	Dry	10.44	0.57	11.50	4.67	4.03	3.35	5.34	7.02	7.34	6.77	7.36	7.14	75.53
1945	Below Normal	5.23	4.59	3.87	1.22	1.85	11.33	8.68	9.10	9.55	9.81	9.80	9.54	84.57
1946	Below Normal	9.28	8.80	8.96	10.91	8.78	11.47	6.63	7.24	7.68	7.82	7.98	7.74	103.29
1947	Dry	7.28	6.86	6.81	5.16	5.16	3.97	9.32	9.56	9.53	9.79	9.78	9.51	92.73
1948	Below Normal	9.26	8.77	8.94	5.58	5.29	2.92	4.58	0.14	0.18	8.97	10.16	9.82	74.61
1949	Dry	7.75	7.15	5.88	0.87	1.72	2.68	7.27	8.84	8.79	8.53	1.61	10.77	71.86
1950	Below Normal	8.25	0.99	8.21	0.88	1.21	2.29	5.95	7.52	0.22	8.61	9.73	9.40	63.26
1951	Above Normal	7.42	6.83	5.58	11.49	10.43	11.96	7.49	8.22	8.68	8.91	8.90	8.66	104.57
1952	Wet	8.43	7.99	8.15	10.93	9.67	11.54	9.23	9.05	8.92	9.74	9.73	9.47	112.85
1953	Wet	9.24	8.76	8.92	10.74	8.88	9.43	5.60	7.29	7.66	7.46	8.37	8.09	100.44
1954	Above Normal	6.64	6.10	5.24	1.97	6.88	4.52	6.16	7.96	7.89	7.59	8.75	8.43	78.13
1955	Dry	6.72	6.15	5.05	1.02	2.30	3.46	5.72	7.28	7.24	6.96	8.00	7.71	67.61
1956	Wet	6.12	5.59	4.60	6.31	9.85	11.89	8.90	9.34	9.79	10.05	10.03	9.77	102.24
1957	Above Normal	9.52	9.04	9.20	7.38	6.70	6.46	6.42	8.28	2.85	8.59	10.34	10.00	94.78
1958	Wet	8.00	7.40	6.16	1.62	8.34	8.71	11.44	11.79	12.18	12.51	12.51	12.17	112.83
1959	Below Normal	11.91	0.57	11.73	5.50	5.29	4.42	5.49	6.89	0.24	7.92	8.91	8.61	77.48
1960	Dry	6.78	6.21	5.12	0.53	0.92	2.63	7.41	9.01	4.50	9.16	5.61	10.64	68.52
1961	Dry	8.76	8.09	7.00	1.53	2.17	2.28	5.73	7.22	7.22	6.91	4.72	1.55	63.18
1962	Below Normal	0.02	3.67	10.71	0.52	0.97	3.44	6.08	7.77	0.71	9.38	10.56	10.23	64.06
1963	Wet	8.18	7.56	6.31	7.37	7.35	7.23	6.49	7.34	7.82	7.92	8.18	7.93	89.68
1964	Dry	7.33	6.89	6.72	5.55	10.05	7.60	7.36	7.89	7.80	7.91	8.15	7.89	91.14
1965	Wet	7.31	6.84	6.69	7.54	9.77	8.99	6.91	7.55	2.55	8.73	9.06	8.78	90.72
1966	Below Normal	8.01	7.51	7.23	10.29	9.63	7.05	5.90	7.36	7.65	7.49	8.27	7.97	94.36
1967	Wet	6.72	6.20	5.49	2.65	10.03	9.78	11.28	11.68	11.49	12.40	12.40	12.07	112.19
1968	Below Normal	11.79	8.64	11.74	5.56	6.17	4.69	5.62	7.11	0.61	8.52	9.51	9.22	89.18
1969	Wet	7.31	6.73	5.61	6.27	9.51	12.62	10.73	11.24	11.07	11.95	11.95	11.63	116.62
1970	Wet	11.35	10.79	10.97	9.78	9.15	11.49	8.65	8.01	8.48	8.70	8.69	8.44	114.50
1971	Wet	8.22	7.79	7.94	10.95	9.57	8.85	5.94	7.39	7.64	7.52	8.22	7.93	97.96
1972	Below Normal	6.76	6.25	5.61	4.42	8.11	7.05	6.24	7.67	7.64	7.39	8.32	8.02	83.48
1973	Above Normal	6.56	6.02	5.15	1.93	8.56	8.86	7.99	8.68	9.13	9.34	9.33	9.07	90.62
1974	Wet	8.84	8.37	8.53	10.85	8.98	11.29	11.03	8.76	9.23	9.45	9.45	9.20	113.98
1975	Wet	8.96	8.49	8.65	9.73	7.63	10.27	8.31	8.55	9.00	9.22	9.21	8.97	106.99
1976	Critical	8.72	8.27	8.43	6.02	6.06	4.64	6.34	8.07	5.50	7.96	3.63	9.95	83.59
1977	Critical	7.84	7.15	3.86	0.50	0.94	1.30	2.59	0.14	0.00	0.20	0.46	0.19	25.17
1978	Above Normal	0.03	1.17	6.96	0.49	2.30	7.24	7.33	8.55	9.04	9.01	9.55	9.25	70.92
1979	Below Normal	8.31	7.76	7.32	4.28	4.27	9.49	8.27	8.54	9.01	9.23	9.22	8.98	94.68
1980	Above Normal	8.73	8.26	8.43	8.75	9.81	11.86	9.07	9.83	10.25	10.55	10.54	10.25	116.33
1981	Dry	10.02	9.49	9.66	7.10	8.96	6.71	6.34	8.27	6.44	8.63	9.75	9.43	100.80
1982	Wet	7.66	7.07	5.98	6.63	7.90	8.67	11.16	11.50	11.90	12.20	12.20	11.87	114.74
1983	Wet	11.60	10.45	10.63	9.01	11.40	12.62	10.76	10.99	10.54	11.13	11.70	11.39	132.22
1984	Wet	11.32	10.09	12.62	9.83	10.84	11.98	7.37	8.17	8.61	8.87	8.86	8.62	117.18
1985	Dry	8.38	7.96	8.13	10.90	7.10	8.29	7.64	8.06	8.30	8.51	8.50	8.24	100.01
1986	Wet	8.03	7.60	7.75	6.06	6.26	11.24	11.49	11.85	12.17	12.57	12.48	12.12	119.62
1987	Dry	12.00	0.57	11.68	5.09	4.41	2.42	3.52	4.68	4.81	4.17	4.19	4.05	61.59
1988	Critical	2.56	2.02	1.71	0.52	1.56	1.31	2.66	3.70	3.80	3.33	3.32	3.20	29.69
1989	Dry	1.97	1.52	1.31	0.74	1.64	1.96	8.21	9.16	9.06	9.08	7.72	9.53	61.90
1990	Critical	8.58	8.03	7.63	3.62	3.85	2.79	4.07	5.44	5.59	4.85	4.87	4.72	64.04
1991	Critical	2.98	2.37	2.00	0.51	0.95	1.31	2.75	3.63	3.74	3.28	3.27	3.17	29.96
1992	Critical	1.97	1.52	1.31	0.50	0.94	1.30	3.63	4.85	4.96	4.31	4.11	4.27	33.67
1993	Above Normal	1.82	1.39	2.81	0.53	7.48	7.61	6.83	7.81	0.75	9.30	9.94	9.63	65.90
1994	Critical	8.47	7.90	7.32	3.79	3.90	4.34	6.34	8.04	2.64	8.34	0.27	2.55	63.90
1995	Wet	0.02	0.00	10.63	0.51	5.89	5.13	10.48	10.78	11.19	9.49	11.73	11.41	87.26
1996	Wet	3.08	0.57	8.71	5.49	4.49	7.55	7.89	8.07	8.53	8.77	8.76	8.51	80.42
1997	Wet	8.28	7.85	7.92	10.45	9.53	11.69	9.25	9.50	9.92	10.19	10.19	9.91	114.68
1998	Wet	9.66	9.18	9.34	7.28	8.72	11.42	8.73	8.70	8.57	8.86	9.43	9.16	109.05
1999	Wet	8.91	8.65	8.75	10.83	9.69	8.11	7.41	8.13	8.57	8.85	8.85	8.59	105.34
2000	Above Normal	8.36	7.94	8.09	6.67	9.90	7.33	7.08	8.16	8.56	8.56	9.13	8.83	98.61
2001	Dry	7.81	7.31	6.82	3.56	3.37	3.03	5.31	7.19	7.34	6.46	6.62	6.43	71.25
2002	Dry	4.18	3.43	2.87	1.03	2.31	3.34	8.87	9.10	8.96	9.26	2.19	10.22	65.76
2003	Above Normal	0.01	0.00	11.06	1.64	2.68	3.49	5.53	7.02	0.29	8.20	9.20	8.90	58.02
	Average	7.22	6.26	7.07	4.82	5.87	6.58	7.12	7.97	7.23	8.37	8.18	8.31	85.00
	Wet	8.05	7.43	7.93	7.32	8.56	9.93	9.01	9.34	9.41	9.89	10.12	9.83	106.81
	Above Normal	5.84	5.52	7.34	4.18	6.63	7.10	7.26	8.36	6.68	8.88	9.54	9.25	86.58
	Below Normal	8.03	6.32	8.13	5.03	5.56	7.05	6.92	7.60	5.88	8.89	9.50	9.21	88.12
	Dry	7.09	5.51	6.31	3.24	3.76	3.77	6.41	7.72	7.08	7.70	6.47	7.85	72.92
	Critical	6.06	5.50	4.85	2.14	2.83	2.46	4.20	5.40	4.82	5.00	3.66	3.73	50.66

Difference in Energy generated (GWh) at Mojave Dam: Alternative1_2020 minus CONV_NA

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	0.57	0.57	0.58	0.57	0.19
1923	Below Normal	0.57	0.57	0.57	0.05	0.00	(0.06)	(0.01)	0.00	0.57	0.57	0.57	0.58	0.33
1924	Critical	0.57	0.56	0.56	0.54	(0.02)	(0.01)	0.01	0.00	0.01	0.01	0.00	0.00	0.19
1925	Dry	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.12	0.12	0.13	0.12	0.04
1926	Dry	0.12	0.12	0.12	0.12	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.04
1927	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.57	0.57	0.57	0.19
1928	Above Normal	0.57	0.57	0.57	0.57	(0.01)	0.00	0.00	0.01	0.24	0.24	0.23	0.24	0.27
1929	Critical	0.24	0.24	0.24	0.23	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.08
1930	Dry	0.05	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.57	0.57	0.57	0.19
1933	Critical	0.57	0.57	0.56	0.56	(0.25)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17
1934	Critical	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.06)	(0.01)	0.48	0.46	0.50	0.50	0.15
1936	Below Normal	0.45	0.44	0.41	0.35	(0.10)	0.01	0.00	0.00	0.57	0.58	0.57	0.57	0.32
1937	Below Normal	0.57	0.58	0.58	0.00	0.13	2.92	0.00	0.00	0.57	0.57	0.57	0.57	0.59
1938	Wet	0.57	0.57	0.00	(0.18)	(0.18)	0.18	0.21	0.08	(0.04)	0.66	0.65	0.61	0.26
1939	Dry	0.67	0.66	0.66	1.37	0.06	(0.64)	(1.02)	(1.33)	0.52	0.04	0.58	(0.37)	0.10
1940	Above Normal	0.53	0.53	1.91	0.52	0.01	0.00	0.00	0.00	0.51	0.47	0.49	0.50	0.46
1941	Wet	0.49	0.50	0.26	(0.01)	0.00	(0.04)	(0.03)	(0.03)	0.53	0.53	0.53	0.53	0.27
1942	Wet	0.54	0.54	0.23	0.01	0.00	(0.03)	(0.01)	0.00	0.57	0.57	0.57	0.57	0.30
1943	Wet	0.57	0.57	0.57	0.00	(0.08)	(0.08)	(0.06)	(0.05)	0.52	0.52	0.51	0.52	0.29
1944	Dry	0.52	0.57	0.58	0.19	(0.34)	(0.12)	0.00	(0.01)	0.26	0.26	0.26	0.26	0.20
1945	Below Normal	0.26	0.26	0.26	0.26	0.00	(0.42)	0.02	0.02	0.58	0.58	0.58	0.59	0.25
1946	Below Normal	0.58	0.59	0.58	0.57	0.00	(0.18)	(0.06)	0.00	0.53	0.51	0.55	0.55	0.35
1947	Dry	0.50	0.48	0.44	0.39	(0.11)	0.00	0.03	0.02	0.14	0.14	0.14	0.14	0.19
1948	Below Normal	0.13	0.13	0.13	(0.04)	(0.17)	(0.06)	0.01	0.00	0.00	0.07	0.06	0.06	0.03
1949	Dry	0.04	0.05	0.03	0.00	(0.01)	0.00	(0.04)	(0.01)	(0.01)	(0.02)	(0.15)	0.06	(0.01)
1950	Below Normal	0.05	0.09	6.62	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.06	0.05	0.58
1951	Above Normal	0.05	0.06	0.00	2.12	0.76	0.00	0.01	0.01	0.58	0.58	0.57	0.58	0.44
1952	Wet	0.58	0.57	0.58	0.58	0.79	0.00	(0.04)	(1.65)	(1.58)	(1.10)	(1.10)	(1.05)	(0.29)
1953	Wet	(1.04)	(0.96)	(0.98)	0.65	0.11	3.89	0.21	0.26	7.52	(0.17)	(0.25)	(0.24)	0.75
1954	Above Normal	0.09	0.12	0.32	0.98	1.73	0.44	(0.03)	(0.01)	0.96	0.51	(0.18)	(0.19)	0.40
1955	Dry	(0.13)	(0.12)	(0.10)	0.01	0.07	0.10	0.14	0.18	0.18	0.17	0.19	0.19	0.07
1956	Wet	0.15	0.14	0.11	(0.21)	0.02	0.00	0.04	0.03	0.60	0.60	0.59	0.60	0.22
1957	Above Normal	0.60	0.60	0.60	0.58	0.01	(0.14)	0.00	0.00	0.24	0.44	0.48	0.47	0.32
1958	Wet	0.47	0.47	0.46	0.45	(0.01)	(0.01)	0.00	(0.01)	0.57	0.56	0.56	0.57	0.34
1959	Below Normal	0.57	0.57	0.94	0.58	0.00	0.00	0.00	0.00	0.05	0.04	0.04	0.04	0.24
1960	Dry	0.04	0.04	0.04	0.04	0.01	(0.01)	0.00	0.00	0.01	0.00	0.06	(0.01)	0.02
1961	Dry	(0.01)	(0.01)	(0.01)	0.01	0.00	0.00	0.00	0.01	0.00	0.00	(0.01)	0.01	0.00
1962	Below Normal	0.00	0.08	6.22	0.00	0.00	0.00	0.00	0.00	0.53	0.52	0.53	0.53	0.70
1963	Wet	0.53	0.53	0.53	0.52	0.00	0.00	0.00	0.00	0.57	0.57	0.58	0.57	0.37
1964	Dry	0.57	0.57	0.57	0.58	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.19
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.57	0.57	0.58	0.19
1966	Below Normal	0.57	0.57	0.57	0.56	(0.01)	0.00	0.00	0.00	0.34	0.35	0.35	0.35	0.30
1967	Wet	0.35	0.35	0.36	0.35	0.00	0.00	0.00	0.00	0.00	0.57	0.57	0.57	0.26
1968	Below Normal	0.57	(1.98)	0.93	0.12	(0.52)	(0.14)	0.03	0.04	0.40	0.45	0.45	0.45	0.07
1969	Wet	0.44	0.44	0.43	(0.02)	0.01	0.74	0.01	0.01	0.02	0.58	0.58	0.58	0.32
1970	Wet	0.58	0.58	0.58	0.10	0.76	0.01	0.97	(0.06)	0.51	0.51	0.51	0.51	0.46
1971	Wet	0.51	0.51	0.51	0.58	0.19	0.19	0.03	(0.01)	0.28	0.30	0.26	0.26	0.30
1972	Below Normal	0.31	0.32	0.35	0.49	0.07	0.05	0.01	0.01	0.01	0.01	0.00	0.00	0.14
1973	Above Normal	0.01	0.01	0.02	0.03	0.00	0.00	0.00	0.00	0.55	0.55	0.54	0.54	0.19
1974	Wet	0.55	0.54	0.54	0.55	(0.02)	0.02	0.05	(0.02)	0.54	0.54	0.55	0.55	0.37
1975	Wet	0.54	0.55	0.55	0.63	0.02	(0.01)	(0.01)	(0.01)	0.54	0.54	0.53	0.54	0.37
1976	Critical	0.54	0.54	0.54	0.54	0.00	0.01	0.02	0.02	0.08	0.01	(0.06)	0.04	0.19
1977	Critical	0.05	0.02	(0.28)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.02)
1978	Above Normal	0.00	0.13	2.39	0.00	0.00	(0.53)	(0.29)	(0.01)	0.57	0.45	0.72	0.70	0.34
1979	Below Normal	0.34	0.31	0.02	(0.46)	(0.87)	(0.73)	(0.36)	(0.39)	0.19	0.18	0.18	0.19	(0.12)
1980	Above Normal	0.19	0.21	0.21	2.93	0.11	0.04	(2.02)	(1.78)	(1.18)	(1.22)	(1.22)	(1.18)	(0.41)
1981	Dry	(1.15)	2.00	(1.52)	1.71	3.62	2.55	0.56	0.75	6.21	0.07	0.08	0.07	1.25
1982	Wet	0.31	0.32	0.43	0.78	0.26	(0.01)	0.00	0.00	0.57	0.56	0.57	0.57	0.36
1983	Wet	0.56	0.00	(0.01)	0.00	1.13	0.70	0.29	0.00	(0.28)	0.00	0.57	0.57	0.29
1984	Wet	0.00	0.00	1.40	0.00	0.80	0.00	0.00	0.00	0.57	0.57	0.57	0.57	0.37
1985	Dry	0.57	0.57	0.57	0.57	0.00	0.00	0.00	0.00	0.31	0.31	0.32	0.31	0.29
1986	Wet	0.32	0.31	0.31	0.32	0.00	0.02	0.02	0.03	0.55	0.59	0.57	0.57	0.30
1987	Dry	0.62	0.57	1.01	0.56	(0.01)	0.00	(0.01)	0.00	0.00	0.00	(0.01)	(0.01)	0.23
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.04	0.04	0.04	0.04	0.02
1989	Dry	0.03	0.02	0.02	0.00	(0.01)	(0.02)	(0.04)	(0.01)	0.00	(0.01)	(0.95)	0.16	(0.07)
1990	Critical	0.11	0.10	0.07	(0.10)	(0.07)	(0.01)	0.03	0.04	0.04	0.04	0.04	0.04	0.03
1991	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
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.09)	(0.09)	(0.08)	(0.07)	(0.08)	(0.04)
1993	Above Normal	0.17	0.02	(0.22)	0.00	0.01	0.02	0.01	0.00	0.57	0.64	0.62	0.63	0.21
1994	Critical	0.63	0.63	0.65	0.62	0.04	0.00	(0.01)	(0.01)	0.29	(0.04)	0.05	0.18	0.25
1995	Wet	0.00	0.00	3.29	0.00	0.00	0.00	0.00	0.00	0.57	(1.44)	0.80	0.79	0.33
1996	Wet	(7.28)	(0.96)	4.05	0.58	(0.01)	0.00	(0.02)	(0.02)	0.54	0.55	0.54	0.55	(0.12)
1997	Wet	0.55	0.54	0.46	0.00	0.71	0.09	0.00	0.00	0.57	0.57	0.57	0.57	0.39
1998	Wet	0.57	0.57	0.57	0.56	0.00	0.00	0.00	(0.05)	(0.05)	(0.05)	0.52	0.52	0.26
1999	Wet	0.52	0.53	0.66	0.58	0.00	0.00	0.00	0.00	0.57	0.57	0.57	0.57	0.38
2000	Above Normal	0.57	0.57	0.57	0.57	0.00	(0.10)	(0.04)	0.00	0.50	0.48	0.51	0.50	0.34
2001	Dry	0.47	0.47	0.44	0.37	(0.10)	(0.04)	0.00	(0.01)	0.00	0.00	0.01	0.01	0.14
2002	Dry	0.01	0.01	0.01	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.27)	0.03	(0.02)
2003	Above Normal	0.00	0.00	5.14	0.00	0.00	0.00	0.00	0.00	0.16	0.15	0.16	0.16	0.48
	Average	0.18	0.26	0.62	0.32	0.10	0.10	(0.02)	(0.05)	0.41	0.23	0.26	0.27	0.22
	Wet	0.05	0.28	0.61	0.26	0.17	0.22	0.06	(0.06)	0.61	0.34	0.46	0.47	0.29
	Above Normal	0.23	0.24	0.96	0.69	0.22	(0.02)	(0.20)	(0.15)	0.36	0.32	0.29	0.29	0.27
	Below Normal	0.36	0.18	1.30	0.18	(0.11)	0.10	(0.03)	(0.02)	0.35	0.35	0.36	0.36	0.28
	Dry	0.16	0.34	0.16	0.33	0.18	0.10	(0.02)	(0.02)	0.46	0.09	0.05	0.09	0.16
	Critical	0.23	0.22	0.20	0.20	(0.03)	(0.00)	(0.00)	(0.00)	0.03	(0.00)	(0.00)	0.02	0.07

Percent Difference in Energy generated (GWh) at Mojave Dam: Alternative1_2020 minus CONV_NA

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%	7%	7%	7%	7%
1923	Below Normal	8%	8%	8%	0%	0%	-1%	0%	0%	8%	8%	7%	8%
1924	Critical	9%	10%	11%	31%	-1%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	1%	2%	1%	1%
1926	Dry	2%	2%	2%	24%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	7%	7%	7%	7%
1928	Above Normal	7%	7%	7%	11%	0%	0%	0%	0%	3%	2%	2%	3%
1929	Critical	3%	3%	3%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	2%	2%	2%	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%	9%	9%	8%	9%
1933	Critical	11%	12%	14%	112%	-4%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1935	Below Normal	0%	0%	0%	0%	-1%	0%	-1%	0%	5%	5%	5%	5%
1936	Below Normal	5%	6%	5%	9%	-2%	0%	0%	0%	6%	6%	6%	6%
1937	Below Normal	6%	7%	7%	0%	1%	32%	0%	0%	5%	5%	5%	5%
1938	Wet	5%	6%	0%	-3%	-2%	2%	2%	1%	0%	6%	5%	5%
1939	Dry	6%	6%	6%	20%	1%	-12%	-15%	-16%	274%	0%	264%	-4%
1940	Above Normal	>1,000%	-	31%	106%	1%	0%	0%	0%	12%	6%	5%	5%
1941	Wet	6%	7%	5%	0%	0%	0%	0%	0%	6%	6%	6%	6%
1942	Wet	6%	6%	3%	0%	0%	0%	0%	0%	8%	8%	7%	8%
1943	Wet	9%	9%	10%	0%	-1%	-1%	-1%	0%	5%	5%	5%	5%
1944	Dry	5%	-	5%	4%	-8%	-3%	0%	0%	4%	4%	4%	4%
1945	Below Normal	5%	6%	7%	27%	0%	-4%	0%	0%	6%	6%	6%	7%
1946	Below Normal	7%	7%	7%	6%	0%	-2%	-1%	0%	7%	7%	7%	8%
1947	Dry	7%	8%	7%	8%	-2%	0%	0%	0%	1%	1%	1%	1%
1948	Below Normal	1%	2%	1%	-1%	-3%	-2%	0%	0%	0%	1%	1%	1%
1949	Dry	1%	1%	1%	0%	-1%	0%	-1%	0%	0%	0%	-9%	1%
1950	Below Normal	1%	10%	416%	0%	0%	0%	0%	0%	29%	1%	1%	1%
1951	Above Normal	1%	1%	0%	23%	8%	0%	0%	0%	7%	7%	7%	7%
1952	Wet	7%	8%	8%	6%	9%	0%	0%	-15%	-15%	-10%	-10%	-10%
1953	Wet	-10%	-10%	-10%	6%	1%	70%	4%	4%	>1,000%	-2%	-3%	-3%
1954	Above Normal	1%	2%	7%	99%	34%	11%	0%	0%	14%	7%	-2%	-2%
1955	Dry	-2%	-2%	-2%	1%	3%	3%	3%	3%	3%	3%	2%	3%
1956	Wet	3%	3%	2%	-3%	0%	0%	0%	0%	7%	6%	6%	7%
1957	Above Normal	7%	7%	7%	9%	0%	-2%	0%	0%	9%	5%	5%	5%
1958	Wet	6%	7%	8%	38%	0%	0%	0%	0%	5%	5%	5%	5%
1959	Below Normal	5%	-	9%	12%	0%	0%	0%	0%	26%	1%	0%	0%
1960	Dry	1%	1%	1%	8%	1%	0%	0%	0%	0%	0%	1%	0%
1961	Dry	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	1%
1962	Below Normal	0%	2%	139%	0%	0%	0%	0%	0%	294%	6%	5%	5%
1963	Wet	7%	8%	9%	8%	0%	0%	0%	0%	8%	8%	8%	8%
1964	Dry	8%	9%	9%	12%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	26%	7%	7%	7%
1966	Below Normal	8%	8%	9%	6%	0%	0%	0%	0%	5%	5%	4%	5%
1967	Wet	5%	6%	7%	15%	0%	0%	0%	0%	0%	5%	5%	5%
1968	Below Normal	5%	-19%	9%	2%	-8%	-3%	1%	1%	190%	6%	5%	5%
1969	Wet	6%	7%	8%	0%	0%	6%	0%	0%	0%	5%	5%	5%
1970	Wet	5%	6%	6%	1%	9%	0%	13%	-1%	6%	6%	6%	6%
1971	Wet	7%	7%	7%	6%	2%	2%	1%	0%	4%	4%	3%	3%
1972	Below Normal	5%	5%	7%	12%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	2%	0%	0%	0%	0%	6%	6%	6%	6%
1974	Wet	7%	7%	7%	5%	0%	0%	0%	0%	6%	6%	6%	6%
1975	Wet	6%	7%	7%	7%	0%	0%	0%	0%	6%	6%	6%	6%
1976	Critical	7%	7%	7%	10%	0%	0%	0%	0%	1%	0%	-2%	0%
1977	Critical	1%	0%	-7%	0%	0%	0%	0%	0%	0%	0%	0%	6%
1978	Above Normal	0%	13%	52%	0%	0%	-7%	-4%	0%	7%	5%	8%	8%
1979	Below Normal	4%	4%	0%	-10%	-17%	-7%	-4%	-4%	2%	2%	2%	2%
1980	Above Normal	2%	3%	3%	50%	1%	0%	-18%	-15%	-10%	-10%	-10%	-10%
1981	Dry	-10%	27%	-14%	32%	68%	61%	10%	10%	>1,000%	1%	1%	1%
1982	Wet	4%	5%	8%	13%	3%	0%	0%	0%	5%	5%	5%	5%
1983	Wet	5%	0%	0%	0%	11%	6%	3%	0%	-3%	0%	5%	5%
1984	Wet	0%	0%	12%	0%	8%	0%	0%	0%	7%	7%	7%	7%
1985	Dry	7%	8%	8%	6%	0%	0%	0%	0%	4%	4%	4%	4%
1986	Wet	4%	4%	4%	6%	0%	0%	0%	0%	5%	5%	5%	5%
1987	Dry	5%	-	9%	12%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%
1989	Dry	2%	1%	2%	0%	-1%	-1%	0%	0%	0%	0%	-11%	2%
1990	Critical	1%	1%	1%	-3%	-2%	0%	1%	1%	1%	1%	1%	1%
1991	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	-2%	-2%	-2%	-2%	-2%	-2%
1993	Above Normal	10%	1%	-7%	0%	0%	0%	0%	0%	317%	7%	7%	7%
1994	Critical	8%	9%	10%	20%	1%	0%	0%	0%	12%	0%	23%	8%
1995	Wet	0%	0%	45%	0%	0%	0%	0%	0%	5%	-13%	7%	7%
1996	Wet	-70%	-63%	87%	12%	0%	0%	0%	0%	7%	7%	7%	7%
1997	Wet	7%	7%	6%	0%	8%	1%	0%	0%	6%	6%	6%	6%
1998	Wet	6%	7%	6%	8%	0%	0%	0%	-1%	-1%	-1%	6%	6%
1999	Wet	6%	7%	8%	6%	0%	0%	0%	0%	7%	7%	7%	7%
2000	Above Normal	7%	8%	8%	9%	0%	-1%	-1%	0%	6%	6%	6%	6%
2001	Dry	6%	7%	7%	12%	-3%	-1%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-11%	0%
2003	Above Normal	0%	0%	87%	0%	0%	0%	0%	0%	123%	2%	2%	2%
	Average	3%	3%	14%	10%	1%	2%	0%	0%	19%	3%	6%	3%
	Wet	1%	2%	10%	5%	2%	3%	1%	-1%	5%	4%	5%	5%
	Above Normal	3%	3%	16%	26%	4%	0%	-2%	-1%	42%	4%	4%	4%
	Below Normal	4%	3%	45%	5%	-2%	1%	0%	0%	42%	4%	4%	4%
	Dry	2%	4%	2%	8%	3%	3%	0%	0%	16%	1%	14%	1%
	Critical	3%	4%	3%	14%	0%	0%	0%	0%	1%	0%	2%	1%

Energy generated (GWh) at Oroville Dam: CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	164.30	78.63	103.42	49.60	80.06	158.45	119.23	609.34	325.41	387.00	255.99	342.19	2,673.62
1923	Below Normal	131.76	77.46	119.72	49.47	100.47	53.91	85.23	122.17	127.79	377.39	305.46	150.45	1,701.28
1924	Critical	67.43	48.76	50.22	46.48	44.58	69.58	107.18	113.56	130.01	222.08	71.01	40.50	1,011.39
1925	Dry	20.74	20.08	19.29	36.38	19.31	20.02	62.99	94.69	178.39	349.83	179.97	180.42	1,182.11
1926	Dry	59.29	31.47	45.05	22.09	18.05	44.29	47.70	181.42	254.87	357.66	184.14	100.19	1,346.22
1927	Wet	25.98	39.89	112.10	20.09	77.22	238.14	223.49	228.22	165.78	431.79	347.46	362.76	2,272.92
1928	Above Normal	121.32	71.30	79.56	44.97	120.97	260.20	86.67	125.93	263.90	424.32	319.32	266.80	2,185.26
1929	Critical	104.14	40.71	41.44	43.40	50.57	41.64	113.92	129.24	126.82	91.21	75.78	36.32	895.19
1930	Dry	29.84	19.82	113.51	19.77	101.82	19.40	71.41	105.21	246.03	366.97	217.77	166.46	1,478.01
1931	Critical	46.63	21.75	22.01	21.20	20.02	19.75	135.47	100.42	117.50	161.23	85.88	35.72	787.58
1932	Dry	25.29	19.78	104.54	19.00	35.42	76.05	93.38	76.71	171.02	222.95	204.69	64.94	1,113.77
1933	Critical	63.75	46.48	21.96	21.19	19.88	124.92	95.17	114.92	137.15	167.39	70.00	36.91	919.72
1934	Critical	26.83	20.66	63.15	35.07	83.35	24.29	107.91	125.88	134.80	89.98	79.77	39.52	831.21
1935	Below Normal	40.57	19.35	19.67	35.19	19.33	18.95	55.09	119.18	183.58	397.76	321.00	199.54	1,429.21
1936	Below Normal	99.65	68.85	58.74	43.73	54.70	184.17	88.07	119.89	143.61	391.67	325.33	196.14	1,774.55
1937	Below Normal	144.34	76.38	157.42	45.28	39.41	46.68	83.06	121.27	328.35	341.77	279.04	75.95	1,738.95
1938	Wet	61.28	57.15	45.53	49.25	237.06	575.85	480.74	607.94	396.30	253.96	246.16	383.78	3,395.00
1939	Dry	137.08	81.85	159.88	52.70	50.70	53.47	180.70	171.22	180.17	361.87	212.68	97.99	1,740.31
1940	Above Normal	39.82	29.01	28.50	44.30	29.51	571.95	185.71	112.08	204.29	439.91	343.31	295.05	2,323.44
1941	Wet	106.99	67.25	44.86	48.84	446.83	386.35	157.02	383.32	218.32	378.03	183.96	391.08	2,812.85
1942	Wet	133.99	78.52	191.67	482.17	520.62	90.67	381.60	280.65	320.86	329.27	238.32	389.76	3,438.10
1943	Wet	147.04	74.96	50.74	501.32	225.96	547.96	178.59	122.67	169.19	439.22	341.66	365.85	3,165.16
1944	Dry	136.45	77.55	151.64	57.47	54.15	59.63	108.23	115.31	215.13	337.29	180.25	64.76	1,557.86
1945	Below Normal	42.66	38.94	55.33	39.97	39.88	49.07	94.53	105.41	145.36	378.91	297.82	184.02	1,471.90
1946	Below Normal	90.23	41.59	45.19	49.06	46.18	53.12	110.80	139.05	201.08	424.10	340.01	194.98	1,735.39
1947	Dry	119.23	48.33	46.47	49.58	43.29	50.67	93.28	159.93	184.76	366.25	205.26	190.21	1,557.26
1948	Below Normal	40.92	35.69	34.61	46.04	29.25	24.79	43.00	88.35	130.04	408.63	326.47	130.27	1,338.06
1949	Dry	73.23	47.31	45.72	47.64	43.52	48.58	101.64	109.80	213.25	357.42	174.69	177.06	1,439.86
1950	Below Normal	22.24	22.10	27.49	35.61	18.34	19.46	91.54	116.33	130.80	407.74	324.39	170.84	1,386.88
1951	Above Normal	62.97	48.42	386.51	393.69	330.91	155.21	113.33	133.34	218.51	440.33	340.08	291.63	2,914.93
1952	Wet	117.71	69.62	46.81	49.70	317.00	238.57	580.03	609.34	408.64	179.85	122.44	384.49	3,124.20
1953	Wet	160.04	84.77	164.24	580.34	47.35	212.30	206.96	196.77	289.77	442.57	279.09	360.12	3,024.32
1954	Above Normal	134.58	74.63	88.13	87.11	45.60	259.33	243.68	122.04	270.08	439.14	328.52	293.90	2,386.74
1955	Dry	105.17	45.97	43.87	45.32	43.70	49.01	106.71	112.83	159.21	330.96	178.09	67.25	1,288.09
1956	Wet	46.56	41.45	66.04	573.90	355.44	220.97	185.52	463.58	250.65	372.00	235.16	378.27	3,189.54
1957	Above Normal	134.17	81.08	216.18	50.12	107.14	109.39	105.59	112.40	143.67	443.02	326.83	271.27	2,100.86
1958	Wet	50.62	69.53	47.47	48.76	512.41	399.62	286.00	453.99	326.92	249.12	147.98	380.36	2,972.78
1959	Below Normal	158.74	85.60	203.94	48.94	205.87	73.07	143.20	126.73	232.86	412.74	303.86	161.11	2,156.66
1960	Dry	75.81	53.36	30.08	29.09	26.44	25.14	128.84	121.51	221.76	368.86	250.39	205.06	1,536.34
1961	Dry	27.85	36.85	40.73	28.40	24.30	25.40	88.86	112.74	157.21	331.25	148.57	43.48	1,065.64
1962	Below Normal	35.94	21.43	35.24	21.57	16.97	18.32	87.38	192.74	178.09	391.39	293.74	197.50	1,490.31
1963	Wet	30.56	30.75	31.64	32.98	477.30	281.10	462.05	195.80	207.84	452.27	329.38	345.62	2,877.29
1964	Dry	106.08	47.02	45.37	45.68	44.39	48.68	128.21	110.05	150.68	352.19	172.65	200.89	1,451.89
1965	Wet	48.96	44.72	91.88	575.85	144.29	179.55	319.66	215.70	175.61	425.64	240.17	371.12	2,833.15
1966	Below Normal	142.40	71.50	47.38	48.07	46.67	53.03	108.44	114.31	218.61	414.16	314.69	223.17	1,802.43
1967	Wet	86.58	39.82	42.47	46.19	45.53	409.07	93.29	425.32	387.16	157.68	141.35	406.42	2,280.88
1968	Below Normal	160.16	80.56	136.58	61.18	373.53	223.70	131.72	128.74	229.04	427.32	296.02	219.68	2,468.23
1969	Wet	55.20	43.09	44.61	331.23	379.48	217.27	315.66	556.01	224.38	229.51	172.00	396.56	2,965.00
1970	Wet	142.19	79.65	303.50	576.37	322.23	137.74	119.21	124.82	175.38	412.24	311.51	278.36	2,983.20
1971	Wet	116.16	70.29	60.87	64.34	60.00	180.38	217.08	381.54	287.06	424.28	306.45	364.94	2,533.39
1972	Below Normal	139.58	70.60	47.24	47.98	46.26	52.22	118.51	118.26	192.83	395.23	300.27	204.77	1,733.75
1973	Above Normal	48.00	43.30	45.10	48.37	234.03	203.79	98.41	182.66	240.40	392.34	247.47	254.48	2,038.35
1974	Wet	93.65	48.17	230.44	578.66	174.54	582.37	335.60	304.48	254.41	352.63	114.12	375.73	3,444.80
1975	Wet	135.65	77.05	59.57	54.84	172.19	435.61	87.62	393.58	314.87	389.44	145.03	374.98	2,640.43
1976	Critical	53.60	76.56	163.22	49.27	50.42	56.46	121.63	126.87	132.75	319.95	158.87	180.63	1,490.23
1977	Critical	67.58	28.33	30.72	30.19	27.19	25.24	65.22	48.92	95.55	32.25	31.88	30.90	513.97
1978	Above Normal	24.67	18.83	18.50	35.52	22.87	182.50	208.86	129.33	164.40	376.80	299.02	273.21	1,754.51
1979	Below Normal	148.13	73.96	179.56	35.71	30.49	29.49	82.02	127.87	272.42	382.04	273.67	178.51	1,813.87
1980	Above Normal	89.37	48.92	49.13	162.41	539.41	176.62	98.13	119.47	125.88	290.37	174.95	296.55	2,171.21
1981	Dry	151.92	80.54	92.85	51.30	44.81	50.79	87.49	121.45	244.21	379.21	230.38	156.34	1,691.29
1982	Wet	38.39	32.06	509.56	278.01	529.40	456.83	575.19	384.91	233.30	238.35	139.22	220.12	3,635.34
1983	Wet	101.85	289.86	372.49	428.14	521.91	575.85	322.41	515.72	511.46	211.56	137.14	226.64	4,215.03
1984	Wet	196.77	489.14	580.66	185.68	274.46	309.53	107.25	127.12	265.44	434.67	254.48	289.56	3,514.76
1985	Dry	117.91	44.79	46.25	52.33	45.08	50.31	100.17	190.18	214.46	367.95	173.94	166.83	1,570.20
1986	Wet	106.65	30.77	54.14	39.01	483.99	576.42	87.76	124.81	153.61	394.37	284.46	333.51	2,669.50
1987	Dry	136.41	68.40	157.74	44.14	38.97	43.23	81.31	137.17	165.10	93.09	70.95	60.88	1,097.39
1988	Critical	33.78	23.05	41.71	26.64	40.52	43.57	58.30	78.72	119.66	202.25	61.68	54.48	784.36
1989	Dry	28.98	35.75	17.87	17.45	23.67	18.05	87.14	181.86	228.95	353.32	209.05	146.03	1,348.12
1990	Critical	72.43	67.28	130.70	18.38	17.00	16.85	109.41	67.19	108.12	293.92	57.35	64.26	1,022.89
1991	Critical	37.21	16.70	30.49	22.22	24.41	29.17	46.72	60.93	136.29	244.79	56.98	60.07	765.98
1992	Critical	28.46	21.29	31.41	27.13	18.00	15.82	60.68	124.28	170.22	107.13	84.23	89.57	778.22
1993	Above Normal	26.77	18.00	18.15	35.41	18.46	279.89	169.41	347.60	244.46	429.73	342.47	323.41	2,253.76
1994	Critical	132.34	69.26	66.00	33.04	27.88	25.37	109.98	98.12	127.26	303.18	151.44	69.64	1,213.51
1995	Wet	53.63	26.97	42.41	28.71	217.50	575.85	479.60	606.44	467.97	188.51	163.84	226.20	3,077.63
1996	Wet	164.46	83.38	172.83	414.98	538.70	341.08	271.18	428.84	193.09	416.23	225.86	364.74	3,615.37
1997	Wet	131.73	76.91	449.97	575.85	311.49	182.18	120.09	120.38	168.64	393.19	200.57	335.00	3,066.00
1998	Wet	129.00	72.01	60.25	46.56	514.18	478.87	139.98	362.41	500.27	203.25	130.73	221.62	2,859.13
1999	Wet	195.44	280.80	202.74	471.55	501.99	379.33	97.75	120.93	148.20	404.94	190.12	227.22	3,221.01
2000	Above Normal	144.32	75.73	202.86	49.64	243.63	315.72	80.27	132.94	234.94	445.97	322.43	283.10	2,531.55
2001	Dry	114.66	68.61	176.15	43.55	39.55	42.60	80.39	138.68	172.60	182.49	74.50	60.36	1,194.14
2002	Dry	62.54	28.60	41.50	27.00	28.22	23.62	101.52	91.01	135.17	322.52	96.09	150.10	1,107.89
2003	Above Normal	58.91	45.30	57.54	44.20	42.72	49.89	67.69	246.20	174.66	449.17	316.26	314.16	1,866.70
	Average	90.08	62.84	105.03	119.51	151.72	171.63	153.81	199.63	214.26	333.55	215.81	216.89	2,034.75
	Wet	102.96	92.25	156.90	272.44	323.43	354.21	262.74	335.97	277.50	338.64	216.49	336.72	3,070.26
	Above Normal	87.43	52.76	107.80	87.11	151.28	226.91	131.42	197.78	217.55	413.18	301.39	292.15	2,266.74
	Below Normal	99.81	56.00	83.44	43.41	76.24	64.28	94.47	124.31	193.89	396.49	307.27	177.64	1,717.25
	Dry	84.92	47.56	76.58	38.27	40.30	41.61	97.22	129.54	194.05	322.34	175.78	127.74	1,375.91
	Critical	61.18	40.07	57.75	31.18	35.32	41.06	94.30	99.09	128.01	186.28	82.07	61.54	917.85

Energy generated (GWh) at Oroville Dam: Alternative1_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	164.30	78.63	103.42	49.60	80.06	158.45	119.23	609.34	325.41	387.01	255.99	342.19	2,673.63
1923	Below Normal	131.76	77.46	119.72	49.47	100.71	53.91	85.22	122.17	127.78	377.33	305.41	150.05	1,700.99
1924	Critical	67.43	48.77	50.22	46.48	44.58	69.59	107.19	113.34	130.13	222.45	70.81	40.51	1,011.50
1925	Dry	20.75	20.08	19.30	36.39	19.31	20.03	63.00	94.70	178.33	349.88	180.10	180.51	1,182.38
1926	Dry	59.36	31.47	45.05	22.18	18.05	44.32	47.69	181.42	255.04	357.61	184.48	99.55	1,346.22
1927	Wet	25.98	39.89	112.10	20.09	77.22	238.14	223.49	228.22	165.78	431.81	347.48	362.76	2,272.96
1928	Above Normal	121.31	71.30	79.56	44.97	120.97	260.15	86.67	125.93	263.92	424.31	319.33	266.80	2,185.22
1929	Critical	104.11	40.74	41.44	43.38	50.60	41.64	113.92	129.26	126.83	91.22	75.79	36.32	895.25
1930	Dry	29.83	19.82	113.51	19.77	101.82	19.39	71.41	105.21	246.10	366.96	217.76	166.46	1,478.04
1931	Critical	46.64	21.75	22.01	21.20	20.02	19.75	135.47	100.43	117.49	160.99	85.88	35.72	787.35
1932	Dry	25.29	19.78	104.54	19.00	35.42	76.05	93.39	76.71	171.02	223.00	204.73	64.94	1,113.87
1933	Critical	63.82	46.55	21.96	21.19	19.87	124.91	95.16	114.90	137.16	167.10	70.00	36.91	919.53
1934	Critical	26.83	20.66	63.15	35.07	83.36	24.32	107.94	125.91	134.81	90.03	80.06	39.50	831.64
1935	Below Normal	40.47	19.34	19.66	35.18	19.33	18.94	55.08	119.16	183.56	397.76	320.99	199.54	1,429.01
1936	Below Normal	98.40	68.86	56.66	43.79	58.07	184.17	88.07	119.89	143.61	391.69	325.35	196.15	1,774.71
1937	Below Normal	144.34	76.38	157.59	45.27	39.41	46.67	83.05	121.27	330.62	341.55	278.76	75.85	1,740.76
1938	Wet	59.20	57.15	45.53	49.20	237.11	575.85	480.74	607.94	396.30	253.97	246.19	383.78	3,392.96
1939	Dry	137.08	81.85	159.70	52.60	50.55	53.20	201.06	169.86	178.91	358.82	211.07	84.03	1,738.73
1940	Above Normal	39.45	28.77	28.41	44.32	29.52	572.01	185.71	112.09	204.29	439.91	343.45	295.11	2,323.04
1941	Wet	107.07	67.24	44.86	48.84	446.45	386.35	157.02	383.32	218.32	376.24	184.00	391.05	2,810.76
1942	Wet	133.97	78.51	191.63	482.17	520.62	90.67	381.60	280.65	320.86	329.28	238.46	389.75	3,438.17
1943	Wet	147.03	74.95	50.74	501.16	225.96	547.96	178.59	122.66	169.20	444.84	341.21	365.29	3,169.59
1944	Dry	136.15	77.38	151.27	57.34	54.04	59.53	108.05	115.16	211.30	336.85	179.31	67.22	1,553.60
1945	Below Normal	42.58	38.86	55.23	39.90	39.83	49.01	94.46	105.35	145.24	378.84	297.44	183.73	1,470.47
1946	Below Normal	90.23	41.52	45.13	49.02	46.15	53.08	110.73	135.16	207.15	422.85	341.02	194.72	1,736.76
1947	Dry	116.17	48.26	46.41	49.53	43.25	50.64	93.23	159.90	184.68	366.00	204.20	190.49	1,552.76
1948	Below Normal	38.61	35.69	34.61	46.05	29.85	24.78	42.99	88.34	130.02	408.57	326.42	130.22	1,336.15
1949	Dry	73.33	47.30	45.70	47.62	43.51	48.57	101.63	109.78	213.21	357.34	174.47	176.49	1,438.95
1950	Below Normal	22.23	22.09	27.51	35.61	18.34	19.46	91.54	116.33	130.80	407.75	324.39	170.85	1,386.90
1951	Above Normal	62.98	48.42	386.48	393.69	330.91	155.21	113.33	133.34	218.53	440.33	340.09	292.66	2,915.97
1952	Wet	117.65	69.58	46.79	49.69	315.73	238.57	580.03	609.34	408.64	179.85	121.98	383.95	3,121.80
1953	Wet	159.32	84.29	166.54	580.34	47.49	212.16	206.96	196.77	289.77	442.78	279.82	360.44	3,026.68
1954	Above Normal	135.01	74.92	97.28	86.89	45.51	246.45	243.68	122.07	270.07	439.19	328.56	293.91	2,383.54
1955	Dry	103.31	46.05	43.92	45.36	43.75	49.07	106.78	112.91	159.33	331.23	179.31	73.98	1,295.00
1956	Wet	40.06	41.48	66.06	573.90	355.44	220.97	185.52	463.58	250.65	372.01	235.17	378.27	3,183.11
1957	Above Normal	134.17	81.07	216.22	50.11	107.14	109.33	105.59	112.39	143.67	443.02	326.83	271.28	2,100.82
1958	Wet	50.61	69.54	47.47	48.76	512.41	399.62	286.00	453.99	326.92	249.24	147.99	379.92	2,972.47
1959	Below Normal	158.74	85.60	205.27	48.93	204.80	73.07	143.20	126.74	232.94	412.80	303.90	163.80	2,159.79
1960	Dry	75.72	53.29	30.02	29.04	26.40	25.12	128.82	121.43	221.60	368.53	250.32	201.65	1,531.94
1961	Dry	27.85	36.86	40.73	28.40	24.30	25.41	88.86	112.73	157.20	330.92	148.75	43.49	1,065.50
1962	Below Normal	35.94	21.44	35.40	21.41	16.97	18.32	87.39	192.76	178.10	391.42	293.77	197.53	1,490.45
1963	Wet	30.57	30.75	31.64	32.98	477.47	281.10	462.05	195.80	207.85	452.29	329.39	345.64	2,877.53
1964	Dry	106.10	47.02	45.37	45.68	44.39	48.68	128.24	110.04	150.68	352.20	172.67	200.91	1,451.98
1965	Wet	48.80	44.72	91.88	575.85	144.29	179.55	319.66	215.70	175.61	425.48	240.20	371.13	2,832.87
1966	Below Normal	142.41	71.50	47.39	48.07	46.67	53.04	108.44	114.32	218.65	414.16	314.73	223.14	1,802.52
1967	Wet	86.62	39.83	42.47	46.19	45.53	409.13	93.29	425.32	387.16	157.68	141.40	407.71	2,282.33
1968	Below Normal	160.12	80.54	139.39	56.91	373.53	223.70	131.73	128.75	229.07	427.32	296.04	219.68	2,466.78
1969	Wet	55.51	43.09	44.61	330.77	379.48	217.27	315.66	556.01	224.38	236.85	169.49	396.23	2,969.35
1970	Wet	142.05	79.57	298.63	576.37	322.23	137.74	119.21	124.80	175.43	412.19	311.49	286.26	2,985.97
1971	Wet	115.59	69.67	60.64	64.19	59.87	170.48	217.08	381.54	287.06	424.27	306.36	364.98	2,521.73
1972	Below Normal	139.60	70.62	47.25	47.98	46.26	52.22	118.51	118.26	192.85	395.22	300.27	204.81	1,733.85
1973	Above Normal	48.00	43.30	45.10	48.37	233.98	203.79	98.41	182.66	240.41	392.29	247.48	254.51	2,038.30
1974	Wet	93.89	48.17	230.17	578.66	174.54	582.37	335.60	304.48	254.41	352.70	114.11	375.72	3,444.82
1975	Wet	135.63	77.04	59.51	54.84	172.22	435.61	87.62	393.58	314.87	389.44	145.08	374.98	2,640.42
1976	Critical	53.60	76.56	163.22	49.28	50.43	56.46	121.63	126.87	132.76	320.33	158.82	180.59	1,490.55
1977	Critical	67.22	28.34	30.72	30.19	27.19	25.24	65.23	48.93	95.55	32.25	31.88	30.90	513.64
1978	Above Normal	24.67	18.83	18.50	35.52	22.87	182.47	208.86	129.28	164.45	376.86	299.10	273.27	1,754.68
1979	Below Normal	147.99	73.87	133.72	36.34	30.91	29.74	82.73	128.81	273.80	384.94	277.42	181.85	1,782.12
1980	Above Normal	85.30	49.98	50.19	222.52	539.41	176.62	97.92	119.18	125.47	289.24	173.84	260.26	2,189.93
1981	Dry	152.62	80.86	93.13	51.94	45.46	69.58	87.96	122.11	245.29	379.11	240.08	158.40	1,726.54
1982	Wet	40.80	32.48	523.26	278.01	529.40	456.83	575.19	384.91	233.30	238.46	139.22	220.29	3,652.15
1983	Wet	101.56	289.86	372.49	428.14	521.91	575.85	322.41	515.72	511.46	211.56	137.14	226.64	4,214.74
1984	Wet	196.77	489.14	580.66	185.68	274.46	309.52	107.25	127.12	265.45	434.67	254.48	289.56	3,514.76
1985	Dry	117.91	44.79	46.25	52.33	45.08	50.31	100.17	190.18	214.46	367.95	173.93	166.83	1,570.19
1986	Wet	106.63	30.77	54.17	39.01	483.98	576.42	87.76	124.81	153.61	394.38	284.47	333.51	2,669.52
1987	Dry	136.41	68.40	157.86	44.14	38.96	43.23	81.31	137.13	166.42	93.01	70.88	60.81	1,098.56
1988	Critical	33.74	23.03	41.67	26.62	40.49	43.54	58.26	78.69	119.60	200.68	61.68	54.49	782.49
1989	Dry	28.99	35.76	17.87	17.44	23.67	18.04	87.14	181.82	228.93	353.34	206.76	142.96	1,342.72
1990	Critical	72.93	67.45	131.69	18.50	17.05	16.89	109.65	67.34	108.37	294.73	61.99	64.29	1,030.88
1991	Critical	37.22	16.71	30.49	22.22	24.35	29.23	46.72	60.93	136.27	245.03	56.69	60.07	765.93
1992	Critical	28.46	21.29	31.41	27.13	18.00	15.82	60.68	124.26	156.91	120.57	83.99	89.56	778.08
1993	Above Normal	26.76	17.99	18.15	35.42	18.46	280.28	169.41	347.60	244.46	429.57	342.36	323.39	2,253.85
1994	Critical	132.36	69.27	67.92	33.02	27.87	25.36	109.93	98.08	127.20	302.59	151.07	69.60	1,214.27
1995	Wet	53.60	26.96	42.38	28.70	216.52	575.85	479.60	606.44	467.97	188.51	163.84	226.43	3,076.80
1996	Wet	164.46	83.38	172.59	414.98	538.70	341.08	271.18	428.84	193.08	414.01	225.95	364.75	3,613.00
1997	Wet	131.71	76.90	449.86	575.85	311.49	182.18	120.09	120.38	163.11	395.31	200.75	335.39	3,063.02
1998	Wet	129.17	72.10	60.33	46.61	517.83	478.87	139.98	362.41	500.27	203.25	130.73	221.62	2,863.17
1999	Wet	195.44	280.80	202.74	471.55	501.99	379.32	97.75	120.93	148.20	404.86	190.07	227.21	3,220.86
2000	Above Normal	144.32	75.73	202.89	49.64	243.75	315.72	80.26	132.94	234.93	445.96	322.45	283.11	2,531.70
2001	Dry	114.65	68.60	173.73	43.61	39.61	42.66	80.48	138.85	172.81	185.02	74.50	60.36	1,194.88
2002	Dry	62.54	28.60	41.50	27.00	28.21	23.62	101.52	91.00	135.17	322.53	95.05	151.16	1,107.90
2003	Above Normal	58.91	45.29	57.53	44.20	42.72	49.89	67.69	246.20	174.66	449.17	316.27	314.16	1,866.69
	Average	89.84	62.84	104.75	120.19	151.78	171.59	154.07	199.58	214.12	333.82	215.92	216.52	2,035.01
	Wet	102.68	92.23	157.30	272.41	323.47	353.83	262.74	335.97	277.29	339.07	216.40	337.05	3,070.44
	Above Normal	87.10	52.85	108.64	92.10	151.28	225.86	131.40	197.75	217.52	413.07	301.31	289.22	2,268.11
	Below Normal	99.53	55.98	80.32	43.14	76.49	64.29	94.51	124.09	194.59	396.59	307.57	177.99	1,715.09
	Dry	84.67	47.57	76.44	38.30	40.32	42.64	98.37	129.50	193.92	322.24	176.02	127.24	1,377.21
	Critical	61.20	40.09	57.99	31.19	35.32	41.06	94.32	99.08	126.92	187.33	82.39	61.54	918.43

Difference in Energy generated (GWh) at Oroville Dam: Alternative1_2020 minus CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.24	0.00	(0.01)	0.00	(0.01)	(0.06)	(0.05)	(0.40)	(0.02)
1924	Critical	0.00	0.01	0.00	0.00	0.00	0.01	0.01	(0.22)	0.12	0.37	(0.20)	0.01	0.01
1925	Dry	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	(0.06)	0.05	0.13	0.09	0.02
1926	Dry	0.07	0.00	0.00	0.09	0.00	0.03	(0.01)	0.00	0.17	(0.05)	0.34	(0.64)	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00
1928	Above Normal	(0.01)	0.00	0.00	0.00	0.00	(0.05)	0.00	0.00	0.02	(0.01)	0.01	0.00	0.00
1929	Critical	(0.03)	0.03	0.00	(0.02)	0.03	0.00	0.00	0.02	0.01	0.01	0.01	0.00	0.01
1930	Dry	(0.01)	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.07	(0.01)	(0.01)	0.00	0.00
1931	Critical	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	(0.24)	0.00	0.00	(0.02)
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.05	0.04	0.00	0.01
1933	Critical	0.07	0.07	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.02)	0.01	(0.29)	0.00	0.00	(0.02)
1934	Critical	0.00	0.00	0.00	0.00	0.01	0.03	0.03	0.03	0.01	0.05	0.29	(0.02)	0.04
1935	Below Normal	(0.10)	(0.01)	(0.01)	(0.01)	0.00	(0.01)	(0.01)	(0.02)	(0.02)	0.00	(0.01)	0.00	(0.02)
1936	Below Normal	(1.25)	0.01	(2.08)	0.06	3.37	0.00	0.00	0.00	0.00	0.02	0.02	0.01	0.01
1937	Below Normal	0.00	0.00	0.17	(0.01)	0.00	(0.01)	(0.01)	0.00	2.27	(0.22)	(0.28)	(0.10)	0.15
1938	Wet	(2.08)	0.00	0.00	(0.05)	0.05	0.00	0.00	0.00	0.00	0.01	0.03	0.00	(0.17)
1939	Dry	0.00	0.00	(0.18)	(0.10)	(0.15)	(0.27)	20.36	(1.36)	(1.26)	(3.05)	(1.61)	(13.96)	(0.13)
1940	Above Normal	(0.37)	(0.24)	(0.09)	0.02	0.01	0.06	0.00	0.01	0.00	0.00	0.14	0.06	(0.03)
1941	Wet	0.08	(0.01)	0.00	0.00	(0.38)	0.00	0.00	0.00	0.00	(1.79)	0.04	(0.03)	(0.17)
1942	Wet	(0.02)	(0.01)	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.14	(0.01)	0.01
1943	Wet	(0.01)	(0.01)	0.00	(0.16)	0.00	0.00	0.00	(0.01)	0.01	5.62	(0.45)	(0.56)	0.37
1944	Dry	(0.30)	(0.17)	(0.37)	(0.13)	(0.11)	(0.10)	(0.18)	(0.15)	(3.83)	(0.44)	(0.94)	2.46	(0.35)
1945	Below Normal	(0.08)	(0.08)	(0.10)	(0.07)	(0.05)	(0.06)	(0.07)	(0.06)	(0.12)	(0.07)	(0.38)	(0.29)	(0.12)
1946	Below Normal	0.00	(0.07)	(0.06)	(0.04)	(0.03)	(0.04)	(0.07)	(3.89)	6.07	(1.25)	1.01	(0.26)	0.11
1947	Dry	(3.06)	(0.07)	(0.06)	(0.05)	(0.04)	(0.03)	(0.05)	(0.03)	(0.08)	(0.25)	(1.06)	0.28	(0.37)
1948	Below Normal	(2.31)	0.00	0.00	0.01	0.60	(0.01)	(0.01)	(0.01)	(0.02)	(0.06)	(0.05)	(0.05)	(0.16)
1949	Dry	0.10	(0.01)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.02)	(0.04)	(0.08)	(0.22)	(0.57)	(0.08)
1950	Below Normal	(0.01)	(0.01)	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00
1951	Above Normal	0.01	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.01	1.03	0.09
1952	Wet	(0.06)	(0.04)	(0.02)	(0.01)	(1.27)	0.00	0.00	0.00	0.00	0.00	(0.46)	(0.54)	(0.20)
1953	Wet	(0.72)	(0.48)	2.30	0.00	0.14	(0.14)	0.00	0.00	0.00	0.21	0.73	0.32	0.20
1954	Above Normal	0.43	0.29	9.15	(0.22)	(0.09)	(12.88)	0.00	0.03	(0.01)	0.05	0.04	0.01	(0.27)
1955	Dry	(1.86)	0.08	0.05	0.04	0.05	0.06	0.07	0.08	0.12	0.27	1.22	6.73	0.58
1956	Wet	(6.50)	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	(0.54)
1957	Above Normal	0.00	(0.01)	0.04	(0.01)	0.00	(0.06)	0.00	(0.01)	0.00	0.00	0.00	0.01	0.00
1958	Wet	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.01	(0.44)	(0.03)
1959	Below Normal	0.00	0.00	1.33	(0.01)	(1.07)	0.00	0.00	0.01	0.08	0.06	0.04	2.69	0.26
1960	Dry	(0.09)	(0.07)	(0.06)	(0.05)	(0.04)	(0.02)	(0.02)	(0.08)	(0.16)	(0.33)	(0.07)	(3.41)	(0.37)
1961	Dry	0.00	0.01	0.00	0.00	0.00	0.01	0.00	(0.01)	(0.01)	(0.33)	0.18	0.01	(0.01)
1962	Below Normal	0.00	0.01	0.16	(0.16)	0.00	0.00	0.01	0.02	0.01	0.03	0.03	0.03	0.01
1963	Wet	0.01	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.01	0.02	0.01	0.02	0.02
1964	Dry	0.02	0.00	0.00	0.00	0.00	0.00	0.03	(0.01)	0.00	0.01	0.02	0.02	0.01
1965	Wet	(0.16)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.16)	0.03	0.01	(0.02)
1966	Below Normal	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.04	0.00	0.04	(0.03)	0.01
1967	Wet	0.04	0.01	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.05	1.29	0.12
1968	Below Normal	(0.04)	(0.02)	2.81	(4.27)	0.00	0.00	0.01	0.01	0.03	0.00	0.02	0.00	(0.12)
1969	Wet	0.31	0.00	0.00	(0.46)	0.00	0.00	0.00	0.00	0.00	7.34	(2.51)	(0.33)	0.36
1970	Wet	(0.14)	(0.08)	(4.87)	0.00	0.00	0.00	0.00	(0.02)	0.05	(0.05)	(0.02)	7.90	0.23
1971	Wet	(0.57)	(0.62)	(0.23)	(0.15)	(0.13)	(9.90)	0.00	0.00	0.00	(0.01)	(0.09)	0.04	(0.97)
1972	Below Normal	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.02	(0.01)	0.00	0.04	0.01
1973	Above Normal	0.00	0.00	0.00	0.00	(0.05)	0.00	0.00	0.00	0.01	(0.05)	0.01	0.03	0.00
1974	Wet	0.24	0.00	(0.27)	0.00	0.00	0.00	0.00	0.00	0.00	0.07	(0.01)	(0.01)	0.00
1975	Wet	(0.02)	(0.01)	(0.06)	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.38	(0.05)	(0.04)	0.03
1977	Critical	(0.36)	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	(0.03)
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.03)	0.00	(0.05)	0.05	0.06	0.08	0.06	0.01
1979	Below Normal	(0.14)	(0.09)	(45.84)	0.63	0.42	0.25	0.71	0.94	1.38	2.90	3.75	3.34	(2.65)
1980	Above Normal	(4.07)	1.06	1.06	60.11	0.00	0.00	(0.21)	(0.29)	(0.41)	(1.13)	(1.11)	(36.29)	1.56
1981	Dry	0.70	0.32	0.28	0.64	0.65	18.79	0.47	0.66	1.08	(0.10)	9.70	2.06	2.94
1982	Wet	2.41	0.42	13.70	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.17	1.40
1983	Wet	(0.29)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1984	Wet	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.01	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1986	Wet	(0.02)	0.00	0.03	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
1987	Dry	0.00	0.00	0.12	0.00	(0.01)	0.00	0.00	(0.04)	1.32	(0.08)	(0.07)	(0.07)	0.10
1988	Critical	(0.04)	(0.02)	(0.04)	(0.02)	(0.03)	(0.03)	(0.04)	(0.03)	(0.06)	(1.57)	0.00	0.01	(0.16)
1989	Dry	0.01	0.01	0.00	(0.01)	0.00	(0.01)	0.00	(0.04)	(0.02)	0.02	(2.29)	(3.07)	(0.45)
1990	Critical	0.50	0.17	0.99	0.12	0.05	0.04	0.24	0.15	0.25	0.81	4.64	0.03	0.67
1991	Critical	0.01	0.01	0.00	0.00	(0.06)	0.06	0.00	0.00	(0.02)	0.24	(0.29)	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(13.31)	13.44	(0.24)	(0.01)	(0.01)
1993	Above Normal	(0.01)	(0.01)	0.00	0.01	0.00	0.39	0.00	0.00	0.00	(0.16)	(0.11)	(0.02)	0.01
1994	Critical	0.02	0.01	1.92	(0.02)	(0.01)	(0.01)	(0.05)	(0.04)	(0.06)	(0.59)	(0.37)	(0.04)	0.06
1995	Wet	(0.03)	(0.01)	(0.03)	(0.01)	(0.98)	0.00	0.00	0.00	0.00	0.00	0.00	0.23	(0.07)
1996	Wet	0.00	0.00	(0.24)	0.00	0.00	0.00	0.00	0.00	(0.01)	(2.22)	0.09	0.01	(0.20)
1997	Wet	(0.02)	(0.01)	(0.11)	0.00	0.00	0.00	0.00	0.00	(5.53)	2.12	0.18	0.39	(0.25)
1998	Wet	0.17	0.09	0.08	0.05	3.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34
1999	Wet	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.08)	(0.05)	(0.01)	(0.01)
2000	Above Normal	0.00	0.00	0.03	0.00	0.12	0.00	(0.01)	0.00	(0.01)	(0.01)	0.02	0.01	0.01
2001	Dry	(0.01)	(0.01)	(2.42)	0.06	0.06	0.06	0.09	0.17	0.21	2.53	0.00	0.00	0.06
2002	Dry	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.01	(1.04)	1.06	0.00
2003	Above Normal	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
	Average	(0.24)	0.01	(0.28)	0.68	0.06	(0.05)	0.26	(0.05)	(0.14)	0.27	0.11	(0.37)	0.02
	Wet	(0.28)	(0.03)	0.39	(0.03)	0.05	(0.38)	0.00	(0.00)	(0.21)	0.44	(0.08)	0.32	0.02
	Above Normal	(0.34)	0.09	0.85	4.99	(0.00)	(1.05)	(0.02)	(0.03)	(0.03)	(0.10)	(0.08)	(2.93)	0.12
	Below Normal	(0.28)	(0.02)	(3.11)	(0.28)	0.25	0.01	0.04	(0.21)	0.69	0.10	0.30	0.36	(0.18)
	Dry	(0.25)	0.00	(0.15)	0.03	0.02	1.03	1.15	(0.05)	(0.14)	(0.10)	0.24	(0.50)	0.11
	Critical	0.02	0.02	0.24	0.01	(0.00)	0.01	0.02	(0.01)	(1.09)	1.05	0.32	(0.00)	0.05

Percent Difference in Energy generated (GWh) at Oroville Dam: Alternative1_2020 minus CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	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	-1%	0%	-4%	0%	6%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1938	Wet	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	-1%	11%	-1%	-1%	-1%	-1%	-14%
1940	Above Normal	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	-1%	4%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	-3%	3%	0%	0%	0%
1947	Dry	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1948	Below Normal	-6%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	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%	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	10%	0%	0%	-5%	0%	0%	0%	0%	0%	0%
1955	Dry	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	10%
1956	Wet	-14%	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%	1%	0%	-1%	0%	0%	0%	0%	0%	0%	2%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	-1%	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%	2%	-7%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	3%	-1%	0%
1970	Wet	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1971	Wet	0%	-1%	0%	0%	0%	-5%	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	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	-26%	2%	1%	1%	1%	1%	1%	1%	1%	2%
1980	Above Normal	-5%	2%	2%	37%	0%	0%	0%	0%	0%	0%	-1%	-12%
1981	Dry	0%	0%	0%	1%	1%	37%	1%	1%	0%	0%	4%	1%
1982	Wet	6%	1%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-2%
1990	Critical	1%	0%	1%	1%	0%	0%	0%	0%	0%	0%	8%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-8%	13%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	3%	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%	-1%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-3%	1%	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%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	1%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	1%	3%	0%	0%	0%	0%	0%	0%	0%	-1%
	Below Normal	-1%	0%	-2%	0%	1%	0%	0%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	2%	1%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%	1%	0%

Energy generated (GWh) at SWP San Luis: CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	3.14	10.46	0.00	0.00	0.92	0.00	41.49	43.15	0.00	0.00	0.00	0.00	99.16
1923	Below Normal	0.00	2.43	0.00	3.23	1.46	9.19	27.89	38.81	31.14	0.00	0.00	0.00	114.15
1924	Critical	0.00	0.00	0.00	0.00	0.00	14.31	21.06	22.50	30.05	0.00	24.27	11.28	123.47
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	31.54	51.84	51.27	0.00	24.41	0.00	159.06
1926	Dry	0.00	0.00	0.00	0.00	0.00	18.37	14.31	32.48	17.70	0.00	14.45	0.00	97.31
1927	Wet	6.36	0.00	0.00	0.00	0.00	7.36	53.34	59.54	28.22	0.00	0.00	0.00	154.82
1928	Above Normal	0.49	6.35	0.00	0.00	5.43	0.00	58.65	63.83	30.37	0.00	0.00	0.00	165.12
1929	Critical	1.23	18.74	0.00	0.00	0.00	0.00	0.00	26.96	30.14	31.85	18.82	0.00	127.74
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	17.10	27.36	25.40	0.00	0.00	0.00	69.86
1931	Critical	0.00	0.00	0.00	0.00	0.00	4.00	28.76	34.53	42.51	8.71	30.16	15.14	163.81
1932	Dry	1.13	0.00	0.00	0.00	0.00	0.00	26.76	42.74	40.19	10.80	0.00	3.16	124.78
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	19.77	40.97	60.86	22.22	34.01	22.34	200.17
1934	Critical	7.31	0.00	0.00	0.00	0.00	0.00	34.04	34.87	51.42	39.88	25.69	0.00	193.21
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	53.43	63.54	42.99	0.00	0.00	0.00	159.96
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	53.81	74.09	45.18	0.00	0.00	0.00	173.08
1937	Below Normal	0.00	10.80	0.00	0.00	0.00	0.00	63.62	77.98	28.88	4.10	1.30	19.92	206.60
1938	Wet	5.14	0.00	0.00	0.00	0.00	0.00	48.60	0.02	11.96	12.11	7.99	0.00	85.82
1939	Dry	19.81	49.19	0.00	0.00	0.00	10.41	34.10	34.98	30.77	0.00	0.00	0.00	179.26
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	28.19	37.94	23.16	0.00	0.00	0.00	89.29
1941	Wet	0.00	9.29	0.00	0.00	0.00	0.00	52.03	52.58	21.63	0.00	0.00	0.00	135.53
1942	Wet	14.52	33.22	0.00	0.00	0.00	0.00	28.76	32.58	13.78	0.00	0.00	0.00	122.86
1943	Wet	0.00	21.17	0.00	0.00	0.00	0.00	62.13	66.16	33.36	2.39	0.00	0.00	185.21
1944	Dry	8.51	4.03	0.00	0.00	0.00	0.00	19.11	24.46	23.20	0.00	0.00	2.73	82.04
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	55.48	69.07	44.19	0.00	0.00	0.00	168.74
1946	Below Normal	0.00	0.00	0.00	0.00	22.34	12.70	45.20	51.52	37.07	0.00	0.00	0.00	168.83
1947	Dry	0.00	0.00	0.00	0.00	0.00	7.95	63.51	66.84	40.68	0.00	15.39	0.00	194.37
1948	Below Normal	0.00	0.00	8.50	0.00	10.95	0.00	10.69	16.18	0.00	0.00	0.00	0.00	46.32
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	48.92	53.07	47.77	0.00	3.87	0.00	153.63
1950	Below Normal	13.30	0.00	0.00	0.00	0.00	0.00	27.33	25.69	1.20	0.00	0.00	0.00	67.52
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	47.82	64.53	36.41	0.00	0.00	0.00	148.76
1952	Wet	0.99	0.00	0.00	0.00	9.97	0.00	40.70	55.03	12.15	5.76	0.00	0.00	124.60
1953	Wet	15.44	38.07	0.00	9.17	0.00	0.00	22.98	25.06	13.94	0.00	0.00	0.00	124.66
1954	Above Normal	3.96	18.72	0.00	0.00	0.00	0.00	31.40	35.01	26.72	0.00	0.00	0.00	115.81
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	33.32	45.47	53.61	0.00	14.64	3.25	150.29
1956	Wet	3.18	0.00	0.00	0.00	0.00	0.00	58.45	67.80	24.90	0.00	0.00	0.00	154.33
1957	Above Normal	10.67	34.55	0.00	0.00	8.77	0.00	29.41	30.89	24.60	0.00	0.00	0.00	138.89
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	56.64	74.32	26.37	6.60	5.16	0.00	169.09
1959	Below Normal	7.26	15.46	0.00	0.00	0.00	0.00	17.53	28.61	3.11	0.00	0.00	0.00	71.97
1960	Dry	0.00	0.75	0.00	0.00	0.00	0.00	44.89	37.23	36.35	0.00	0.01	0.00	119.23
1961	Dry	11.08	0.00	0.00	0.00	0.00	0.00	32.04	37.07	49.57	0.00	5.84	0.00	135.60
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	26.18	28.72	9.35	0.00	0.00	0.00	64.25
1963	Wet	0.00	0.00	0.00	3.93	7.56	0.00	39.56	46.80	27.18	0.00	0.00	0.00	125.03
1964	Dry	0.00	0.00	0.00	0.00	29.09	20.26	49.18	52.59	40.95	0.00	15.46	0.00	207.53
1965	Wet	1.73	0.00	0.00	0.00	0.16	0.00	35.89	43.13	15.34	0.00	0.00	0.00	96.25
1966	Below Normal	9.50	0.00	0.00	0.00	2.94	4.10	32.64	39.79	37.05	0.00	0.00	0.00	126.02
1967	Wet	0.00	0.00	0.00	0.00	3.20	0.00	60.32	63.55	8.10	7.80	5.60	0.00	148.57
1968	Below Normal	7.35	37.90	0.00	0.00	1.80	0.00	19.71	29.86	6.23	0.00	0.00	0.00	102.85
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.92	1.90	13.22	0.00	19.04
1970	Wet	6.14	56.78	0.00	0.00	0.00	0.00	55.68	62.53	42.45	0.00	0.00	0.00	223.58
1971	Wet	2.14	0.00	0.00	7.84	13.34	0.00	28.56	34.52	27.08	0.00	0.00	0.00	113.48
1972	Below Normal	0.00	17.75	0.00	0.00	24.62	14.82	30.87	38.71	37.58	0.00	0.00	0.00	164.35
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	50.15	65.24	34.75	0.00	0.00	0.00	150.14
1974	Wet	0.00	0.00	0.00	0.00	11.73	1.91	68.47	63.26	24.44	0.00	0.00	0.00	169.81
1975	Wet	0.00	22.76	0.00	0.00	0.00	0.00	47.69	44.33	18.14	0.00	0.00	0.00	132.92
1976	Critical	0.00	31.10	0.00	0.00	0.00	0.00	31.79	42.16	46.55	0.00	3.43	0.00	155.03
1977	Critical	5.09	8.16	6.12	0.00	0.00	5.43	8.24	0.00	0.00	0.00	0.00	0.00	33.04
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	23.53	23.39	8.40	0.00	0.00	0.00	55.32
1979	Below Normal	1.32	11.33	0.00	0.00	0.00	0.00	57.72	58.99	35.69	0.00	0.00	0.00	165.05
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	61.68	78.75	40.61	3.46	5.11	0.00	189.61
1981	Dry	8.73	29.76	0.00	0.00	0.00	0.00	20.49	23.33	8.81	0.00	0.86	0.00	91.98
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.22	44.61	8.89	4.84	0.00	128.56
1983	Wet	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	10.63	0.00	10.76
1984	Wet	0.00	0.00	0.00	0.12	0.00	0.00	45.93	64.61	34.76	0.00	0.00	0.00	145.42
1985	Dry	0.00	0.00	0.00	0.14	0.00	10.44	48.02	57.00	40.36	0.00	15.96	0.00	171.92
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	64.61	85.77	47.60	6.77	9.34	0.00	214.09
1987	Dry	11.53	16.41	0.00	0.00	0.00	0.00	13.25	1.83	8.67	17.68	10.75	0.00	80.12
1988	Critical	2.76	0.00	0.00	0.00	0.00	0.00	3.22	6.72	19.96	0.00	16.85	1.09	50.60
1989	Dry	3.27	0.00	0.00	0.00	0.00	0.00	44.78	49.84	40.16	0.00	9.63	0.00	147.68
1990	Critical	0.00	5.93	0.00	0.00	0.00	3.61	15.74	10.31	24.25	0.00	17.64	0.21	77.69
1991	Critical	3.62	0.00	0.00	0.00	0.00	0.00	2.23	7.79	0.46	0.00	13.67	5.01	32.78
1992	Critical	0.00	1.61	0.00	0.00	0.00	0.00	11.78	12.79	8.34	20.02	11.11	0.00	65.65
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	36.21	40.09	0.40	0.00	0.00	0.00	76.70
1994	Critical	0.00	23.93	0.00	0.00	0.00	0.00	33.82	36.11	40.38	0.00	0.00	0.00	134.24
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	47.78	0.00	13.42	3.90	0.00	0.00	65.10
1996	Wet	27.81	20.06	0.00	0.00	0.00	0.00	42.12	40.79	20.59	0.00	0.00	0.00	151.37
1997	Wet	14.98	21.71	0.00	0.00	0.00	0.00	66.86	70.46	48.08	3.44	0.00	0.00	225.53
1998	Wet	8.22	15.79	0.00	0.00	0.00	0.00	37.05	39.58	0.00	0.00	0.00	0.00	100.64
1999	Wet	0.00	0.00	0.00	0.11	0.00	0.00	47.40	61.95	32.18	0.00	0.00	9.72	151.36
2000	Above Normal	11.04	28.69	0.00	0.00	0.00	0.00	44.27	49.58	23.44	0.00	0.00	0.00	157.02
2001	Dry	3.83	24.49	0.00	0.00	0.00	0.00	21.26	32.28	28.14	3.20	31.25	0.00	144.45
2002	Dry	9.33	0.00	0.00	0.00	0.00	0.00	57.14	55.52	44.18	0.00	14.36	0.00	180.53
2003	Above Normal	7.51	0.00	0.00	0.00	0.00	0.00	27.85	24.69	0.00	0.00	0.00	0.00	60.05
	Average	3.41	7.90	0.18	0.30	1.88	1.77	35.91	41.77	26.65	2.70	5.31	1.14	128.92
	Wet	4.10	9.19	0.00	0.82	1.77	0.36	42.75	47.10	22.85	2.29	2.18	0.37	133.79
	Above Normal	3.07	8.23	0.00	0.00	1.26	0.00	40.05	46.42	20.74	0.29	0.43	0.00	120.49
	Below Normal	2.77	6.83	0.61	0.23	4.58	2.92	37.29	45.83	25.69	0.29	0.09	1.42	128.55
	Dry	4.29	6.92	0.00	0.01	1.62	3.75	34.43	40.33	34.88	1.76	9.83	0.51	138.31
	Critical	1.67	7.46	0.51	0.00	0.00	2.28	17.54	22.98	29.58	10.22	16.30	4.59	113.12

Energy generated (GWh) at SWP San Luis: Alternative1_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	3.14	10.46	0.00	0.00	0.90	0.00	41.45	43.08	0.00	0.00	0.00	0.00	99.03
1923	Below Normal	0.00	2.42	0.00	3.92	1.57	8.79	27.73	38.52	30.88	0.00	0.00	0.00	113.83
1924	Critical	0.00	0.00	0.00	0.00	0.00	14.29	21.08	22.67	30.10	0.00	24.30	11.34	123.78
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	31.58	51.89	51.37	0.00	24.41	0.00	159.25
1926	Dry	0.00	0.00	0.00	0.00	0.00	18.35	14.27	32.44	17.62	0.00	14.29	0.00	96.97
1927	Wet	6.35	0.00	0.00	0.00	0.00	7.36	53.35	59.55	28.23	0.00	0.00	0.00	154.84
1928	Above Normal	0.50	6.36	0.00	0.00	5.38	0.00	58.65	63.83	30.36	0.00	0.00	0.00	165.08
1929	Critical	1.24	18.75	0.00	0.00	0.00	0.00	0.00	26.93	30.11	31.83	18.80	0.00	127.66
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	17.10	27.36	25.38	0.00	0.00	0.00	69.84
1931	Critical	0.00	0.00	0.00	0.00	0.00	4.02	28.76	34.53	42.51	8.79	30.15	15.15	163.91
1932	Dry	1.14	0.00	0.00	0.00	0.00	0.00	26.73	42.68	40.11	10.77	0.00	3.15	124.58
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	19.77	40.97	60.86	22.37	34.02	22.35	200.34
1934	Critical	7.32	0.00	0.00	0.00	0.00	0.00	34.01	34.83	51.38	39.84	25.54	0.00	192.92
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	52.90	63.16	42.89	0.00	0.00	0.00	158.95
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	53.81	74.11	45.19	0.00	0.00	0.00	173.11
1937	Below Normal	0.00	10.82	0.00	0.00	0.00	0.00	68.25	79.12	27.41	3.86	1.18	17.38	208.02
1938	Wet	5.05	0.00	0.00	0.00	0.00	0.00	56.93	59.99	12.50	10.88	6.52	0.00	151.87
1939	Dry	13.84	44.21	0.00	0.00	0.00	4.20	14.23	28.38	7.15	0.00	0.21	0.00	112.22
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	28.53	38.82	23.55	0.00	0.00	0.00	90.90
1941	Wet	0.00	9.42	0.00	0.00	0.00	0.00	51.60	51.44	20.12	0.00	0.00	0.00	132.58
1942	Wet	13.83	32.90	0.00	0.00	0.00	0.00	28.66	32.39	13.73	0.00	0.00	0.00	121.51
1943	Wet	0.00	21.17	0.00	0.00	0.00	0.00	61.03	64.47	34.94	0.50	0.00	0.00	182.11
1944	Dry	7.42	2.51	0.00	0.00	0.00	0.00	19.13	24.51	24.36	0.00	0.00	2.67	80.60
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	55.36	68.87	43.82	0.00	0.00	0.00	168.05
1946	Below Normal	0.00	0.00	0.00	0.00	22.28	14.62	44.57	51.07	35.52	0.00	0.00	0.00	168.06
1947	Dry	0.00	0.00	0.00	0.00	0.00	6.36	63.62	67.20	41.03	0.00	15.77	0.00	193.98
1948	Below Normal	0.00	0.00	12.77	0.00	10.23	0.00	10.71	16.37	0.00	0.00	0.00	0.00	50.08
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	48.54	52.81	47.74	0.00	3.78	0.00	152.87
1950	Below Normal	13.30	0.00	0.00	0.00	0.00	0.00	27.35	25.72	1.20	0.00	0.00	0.00	67.57
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	47.88	64.57	36.43	0.00	0.00	0.00	148.88
1952	Wet	1.02	0.00	0.00	0.00	9.88	0.00	40.54	41.75	4.56	0.00	0.00	0.00	97.75
1953	Wet	6.81	29.64	0.00	19.69	7.57	1.62	27.14	33.58	32.78	0.00	0.00	0.00	158.83
1954	Above Normal	3.49	19.36	0.00	0.00	7.92	0.00	31.83	36.53	29.26	0.20	0.00	0.00	128.59
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	34.51	46.97	55.20	0.00	15.40	1.45	153.53
1956	Wet	6.58	0.00	0.00	0.00	0.00	0.00	58.66	67.94	25.00	0.00	0.00	0.00	158.18
1957	Above Normal	10.76	34.55	0.00	0.00	8.73	0.00	29.35	30.74	24.22	0.00	0.00	0.00	138.35
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	57.06	71.63	23.39	8.14	4.21	0.00	164.43
1959	Below Normal	5.63	13.64	0.00	0.00	0.00	0.00	17.79	28.82	3.17	0.00	0.00	0.00	69.05
1960	Dry	0.00	0.75	0.00	0.00	0.00	0.00	44.80	37.11	36.27	0.00	0.01	0.00	118.94
1961	Dry	11.07	0.00	0.00	0.00	0.00	0.00	32.05	37.08	49.57	0.00	5.79	0.00	135.56
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	26.18	28.73	9.34	0.00	0.00	0.00	64.25
1963	Wet	0.00	0.00	0.00	3.93	7.56	0.00	39.51	46.69	26.97	0.00	0.00	0.00	124.66
1964	Dry	0.00	0.00	0.00	0.00	29.10	20.30	49.20	52.63	41.05	0.00	15.48	0.00	207.76
1965	Wet	1.79	0.00	0.00	0.00	0.15	0.00	35.31	41.79	14.89	0.00	0.00	0.00	93.93
1966	Below Normal	9.52	0.00	0.00	0.00	2.90	4.10	32.63	39.77	37.04	0.00	0.00	0.00	125.96
1967	Wet	0.00	0.00	0.00	0.00	3.21	0.00	61.09	63.12	8.98	6.64	4.98	0.00	148.02
1968	Below Normal	8.04	31.13	0.00	0.00	0.00	0.00	19.90	30.06	6.44	0.00	0.00	0.00	95.57
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	34.46	0.00	3.94	0.00	5.04	0.00	43.44
1970	Wet	7.62	55.83	0.00	0.00	0.00	0.00	60.47	61.61	41.37	0.00	0.00	0.00	226.90
1971	Wet	1.28	0.00	0.00	7.94	13.50	0.00	28.92	34.90	27.11	0.00	0.00	0.00	113.65
1972	Below Normal	0.00	18.21	0.00	0.00	24.90	15.08	31.02	38.86	37.65	0.00	0.00	0.00	165.72
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	50.15	65.24	34.38	0.00	0.00	0.00	149.77
1974	Wet	0.00	0.00	0.00	0.00	11.61	1.84	67.51	62.21	23.29	0.00	0.00	0.00	166.46
1975	Wet	0.00	22.82	0.00	0.00	0.00	0.00	47.70	44.48	18.13	0.00	0.00	0.00	133.13
1976	Critical	0.00	31.07	0.00	0.00	0.00	0.00	31.91	42.31	46.76	0.00	3.42	0.00	155.47
1977	Critical	5.25	8.17	5.72	0.00	0.00	5.44	8.24	0.00	0.00	0.00	0.00	0.00	32.82
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	22.69	23.69	9.16	0.00	0.00	0.00	55.54
1979	Below Normal	0.40	11.85	0.00	0.00	0.00	0.00	53.66	54.46	32.03	0.00	0.00	0.00	152.40
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	45.71	65.85	29.30	0.00	0.00	0.00	140.86
1981	Dry	2.04	28.06	0.00	0.00	2.69	7.83	27.49	35.63	35.45	0.00	0.62	0.00	139.81
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.03	43.57	8.35	4.27	0.00	131.22
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.63	0.00	10.63
1984	Wet	0.00	0.00	0.00	0.12	0.00	0.00	45.93	64.61	34.76	0.00	0.00	0.00	145.42
1985	Dry	0.00	0.00	0.00	0.14	0.00	10.44	48.02	57.00	40.36	0.00	15.96	0.00	171.92
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	69.16	85.56	46.94	6.66	8.82	0.00	217.14
1987	Dry	11.27	12.86	0.00	0.00	0.00	0.00	13.07	1.79	7.97	17.46	10.59	0.00	75.01
1988	Critical	2.79	0.00	0.00	0.00	0.00	0.00	3.23	6.94	20.26	0.00	17.03	1.23	51.48
1989	Dry	3.32	0.00	0.00	0.00	0.00	0.00	44.40	49.59	40.16	0.00	9.19	0.00	146.66
1990	Critical	0.00	6.09	0.00	0.00	0.00	3.58	15.79	15.47	24.24	0.00	16.46	0.12	81.75
1991	Critical	3.51	0.00	0.00	0.00	0.00	0.00	2.16	7.72	0.47	0.00	13.47	4.91	32.24
1992	Critical	0.00	1.59	0.00	0.00	0.00	0.00	11.39	12.31	13.07	15.50	10.85	0.00	64.71
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	36.21	40.07	0.65	0.00	0.00	0.00	76.93
1994	Critical	0.00	24.01	0.00	0.00	0.00	0.00	33.85	36.23	40.95	0.00	0.00	0.00	135.04
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	48.26	35.65	12.83	0.24	0.00	0.00	96.98
1996	Wet	8.32	0.00	0.00	0.00	0.00	0.00	40.91	38.63	19.78	0.00	0.00	0.00	107.64
1997	Wet	14.92	21.78	0.00	0.00	0.00	0.00	66.85	70.45	48.52	3.09	0.00	0.00	225.61
1998	Wet	8.21	15.75	0.00	0.00	0.00	0.00	38.23	39.16	0.00	0.00	0.00	0.00	101.35
1999	Wet	0.00	0.00	0.00	0.11	0.00	0.00	47.43	62.03	32.25	0.00	0.00	9.72	151.54
2000	Above Normal	11.04	28.68	0.00	0.00	0.00	0.00	43.83	49.22	23.19	0.00	0.00	0.00	155.96
2001	Dry	3.70	24.20	0.00	0.00	0.00	0.00	21.28	32.28	28.11	2.45	31.33	0.00	143.35
2002	Dry	9.35	0.00	0.00	0.00	0.00	0.00	57.02	55.38	44.07	0.00	14.27	0.00	180.09
2003	Above Normal	7.98	0.00	0.00	0.00	0.00	0.00	27.84	24.66	0.00	0.00	0.00	0.00	60.48
	Average	2.91	7.31	0.23	0.44	2.07	1.81	36.22	42.76	26.65	2.41	5.08	1.09	128.97
	Wet	3.15	8.05	0.00	1.22	2.06	0.42	44.87	50.33	23.02	1.71	1.71	0.37	136.92
	Above Normal	3.08	8.28	0.00	0.00	1.91	0.00	38.68	45.53	20.04	0.02	0.00	0.00	117.53
	Below Normal	2.64	6.29	0.91	0.28	4.42	3.04	37.28	45.55	25.18	0.28	0.08	1.24	127.19
	Dry	3.51	6.26	0.00	0.01	1.77	3.75	33.72	40.71	35.17	1.70	9.84	0.40	136.83
	Critical	1.68	7.47	0.48	0.00	0.00	2.28	17.52	23.41	30.06	9.86	16.17	4.59	113.51

Difference in Energy generated (GWh) at SWP San Luis: Alternative1_2020 minus CONV_NA

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	(0.02)	0.00	(0.04)	(0.07)	0.00	0.00	0.00	0.00	(0.01)
1923	Below Normal	0.00	(0.01)	0.00	0.69	0.11	(0.40)	(0.16)	(0.29)	(0.26)	0.00	0.00	0.00	(0.03)
1924	Critical	0.00	0.00	0.00	0.00	(0.02)	0.02	0.17	0.05	0.00	0.03	0.06	0.03
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05	0.10	0.00	0.00	0.00	0.02
1926	Dry	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.04)	(0.04)	(0.08)	0.00	(0.16)	0.00	(0.03)
1927	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00
1928	Above Normal	0.01	0.01	0.00	0.00	(0.05)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1929	Critical	0.01	0.01	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.03)	(0.02)	(0.02)	0.00	(0.01)
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.08	(0.01)	0.01	0.01
1932	Dry	0.01	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.06)	(0.08)	(0.03)	0.00	(0.01)	(0.02)
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.01	0.01	0.01
1934	Critical	0.01	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.04)	(0.04)	(0.04)	(0.15)	0.00	(0.02)
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.53)	(0.38)	(0.10)	0.00	0.00	0.00	(0.08)
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.02	0.00	0.00	0.00	0.00	4.63	1.14	(1.47)	(0.24)	(0.12)	(2.54)	0.12
1938	Wet	(0.09)	0.00	0.00	0.00	0.00	0.00	8.33	59.97	0.54	(1.23)	(1.47)	0.00	5.50
1939	Dry	(5.97)	(4.98)	0.00	0.00	0.00	(6.21)	(19.87)	(6.60)	(23.62)	0.00	0.21	0.00	(5.59)
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.88	0.39	0.00	0.00	0.00	0.13
1941	Wet	0.00	0.13	0.00	0.00	0.00	0.00	(0.43)	(1.14)	(1.51)	0.00	0.00	0.00	(0.25)
1942	Wet	(0.69)	(0.32)	0.00	0.00	0.00	0.00	(0.10)	(0.19)	(0.05)	0.00	0.00	0.00	(0.11)
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(1.10)	(1.69)	1.58	(1.89)	0.00	0.00	(0.26)
1944	Dry	(1.09)	(1.52)	0.00	0.00	0.00	0.00	0.02	0.05	1.16	0.00	0.00	(0.06)	(0.12)
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.12)	(0.20)	(0.37)	0.00	0.00	0.00	(0.06)
1946	Below Normal	0.00	0.00	0.00	0.00	(0.06)	1.92	(0.63)	(0.45)	(1.55)	0.00	0.00	0.00	(0.06)
1947	Dry	0.00	0.00	0.00	0.00	0.00	(1.59)	0.11	0.36	0.35	0.00	0.38	0.00	(0.03)
1948	Below Normal	0.00	0.00	4.27	0.00	(0.72)	0.00	0.02	0.19	0.00	0.00	0.00	0.00	0.31
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.38)	(0.26)	(0.03)	0.00	(0.09)	0.00	(0.06)
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03	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	0.06	0.04	0.02	0.00	0.00	0.00	0.01
1952	Wet	0.03	0.00	0.00	0.00	(0.09)	0.00	(0.16)	(13.28)	(7.59)	(5.76)	0.00	0.00	(2.24)
1953	Wet	(8.63)	(8.43)	0.00	10.52	7.57	1.62	4.16	8.52	18.84	0.00	0.00	0.00	2.85
1954	Above Normal	(0.47)	0.64	0.00	0.00	7.92	0.00	0.43	1.52	2.54	0.20	0.00	0.00	1.07
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.19	1.50	1.59	0.00	0.76	(1.80)	0.27
1956	Wet	3.40	0.00	0.00	0.00	0.00	0.00	0.21	0.14	0.10	0.00	0.00	0.00	0.32
1957	Above Normal	0.09	0.00	0.00	0.00	(0.04)	0.00	(0.06)	(0.15)	(0.38)	0.00	0.00	0.00	(0.05)
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.42	(2.69)	(2.98)	1.54	(0.95)	0.00	(0.39)
1959	Below Normal	(1.63)	(1.82)	0.00	0.00	0.00	0.00	0.26	0.21	0.06	0.00	0.00	0.00	(0.24)
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.12)	(0.08)	0.00	0.00	0.00	(0.02)
1961	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	(0.05)	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	(0.11)	(0.21)	0.00	0.00	0.00	(0.03)
1964	Dry	0.00	0.00	0.00	0.00	0.01	0.04	0.02	0.04	0.10	0.00	0.02	0.00	0.02
1965	Wet	0.06	0.00	0.00	0.00	(0.01)	0.00	(0.58)	(1.34)	(0.45)	0.00	0.00	0.00	(0.19)
1966	Below Normal	0.02	0.00	0.00	0.00	(0.04)	0.00	(0.01)	(0.02)	(0.01)	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.01	0.00	0.77	(0.43)	0.88	(1.16)	(0.62)	0.00	(0.05)
1968	Below Normal	0.69	(6.77)	0.00	0.00	(1.80)	0.00	0.19	0.20	0.21	0.00	0.00	0.00	(0.61)
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	34.46	0.00	0.02	(1.90)	(8.18)	0.00	2.03
1970	Wet	1.48	(0.95)	0.00	0.00	0.00	0.00	4.79	(0.92)	(1.08)	0.00	0.00	0.00	0.28
1971	Wet	(0.86)	0.00	0.00	0.10	0.16	0.00	0.36	0.38	0.03	0.00	0.00	0.00	0.01
1972	Below Normal	0.00	0.46	0.00	0.00	0.28	0.26	0.15	0.15	0.07	0.00	0.00	0.00	0.11
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.37)	0.00	0.00	0.00	(0.03)
1974	Wet	0.00	0.00	0.00	0.00	(0.12)	(0.07)	(0.96)	(1.05)	(1.15)	0.00	0.00	0.00	(0.28)
1975	Wet	0.00	0.06	0.00	0.00	0.00	0.00	0.01	0.15	(0.01)	0.00	0.00	0.00	0.02
1976	Critical	0.00	(0.03)	0.00	0.00	0.00	0.00	0.12	0.15	0.21	0.00	(0.01)	0.00	0.04
1977	Critical	0.16	0.01	(0.40)	0.00	0.00	0.01	0.00	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	(0.84)	0.30	0.76	0.00	0.00	0.00	0.02
1979	Below Normal	(0.92)	0.52	0.00	0.00	0.00	0.00	(4.06)	(4.53)	(3.66)	0.00	0.00	0.00	(1.05)
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(15.97)	(12.90)	(11.31)	(3.46)	(5.11)	0.00	(4.06)
1981	Dry	(6.69)	(1.70)	0.00	0.00	2.69	7.83	7.00	12.30	26.64	0.00	(0.24)	0.00	3.99
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.81	(1.04)	(0.54)	(0.57)	0.00	0.22
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	(0.01)
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	4.55	(0.21)	(0.66)	(0.11)	(0.52)	0.00	0.25
1987	Dry	(0.26)	(3.55)	0.00	0.00	0.00	0.00	(0.18)	(0.04)	(0.70)	(0.22)	(0.16)	0.00	(0.43)
1988	Critical	0.03	0.00	0.00	0.00	0.00	0.00	0.01	0.22	0.30	0.00	0.18	0.14	0.07
1989	Dry	0.05	0.00	0.00	0.00	0.00	0.00	(0.38)	(0.25)	0.00	0.00	(0.44)	0.00	(0.09)
1990	Critical	0.00	0.16	0.00	0.00	0.00	(0.03)	0.05	5.16	(0.01)	0.00	(1.18)	(0.09)	0.34
1991	Critical	(0.11)	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.07)	0.01	0.00	(0.20)	(0.10)	(0.04)
1992	Critical	0.00	(0.02)	0.00	0.00	0.00	0.00	(0.39)	(0.48)	4.73	(4.52)	(0.26)	0.00	(0.08)
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.25	0.00	0.00	0.00	0.02
1994	Critical	0.00	0.08	0.00	0.00	0.00	0.00	0.03	0.12	0.57	0.00	0.00	0.00	0.07
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.48	35.65	(0.59)	(3.66)	0.00	0.00	2.66
1996	Wet	(19.49)	(20.06)	0.00	0.00	0.00	0.00	(1.21)	(2.16)	(0.81)	0.00	0.00	0.00	(3.64)
1997	Wet	(0.06)	0.07	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.44	(0.35)	0.00	0.00	0.01
1998	Wet	(0.01)	(0.04)	0.00	0.00	0.00	0.00	1.18	(0.42)	0.00	0.00	0.00	0.00	0.06
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.08	0.07	0.00	0.00	0.00	0.02
2000	Above Normal	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.44)	(0.36)	(0.25)	0.00	0.00	0.00	(0.09)
2001	Dry	(0.13)	(0.29)	0.00	0.00	0.00	0.00	0.02	0.00	(0.03)	(0.75)	0.08	0.00	(0.09)
2002	Dry	0.02	0.00	0.00	0.00	0.00	0.00	(0.12)	(0.14)	(0.11)	0.00	(0.09)	0.00	(0.04)
2003	Above Normal	0.47	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.03)	0.00	0.00	0.00	0.00	0.04
	Average	(0.49)	(0.59)	0.05	0.14	0.19	0.04	0.31	0.99	(0.00)	(0.29)	(0.23)	(0.05)	0.01
	Wet	(0.96)	(1.14)	0.00	0.40	0.29	0.06	2.12	3.23	0.17	(0.58)	(0.47)	0.00	0.26
	Above Normal	0.01	0.05	0.00	0.00	0.65	0.00	(1.38)	(0.90)	(0.70)	(0.27)	(0.43)	0.00	(0.25)
	Below Normal	(0.13)	(0.54)	0.31	0.05	(0.16)	0.13	(0.02)	(0.28)	(0.51)	(0.02)	(0.01)	(0.18)	(0.11)
	Dry	(0.78)	(0.67)	0.00	0.00	0.15	0.00	(0.70)	0.38	0.29	(0.06)	0.01	(0.10)	(0.12)
	Critical	0.01	0.02	(0.03)	0.00	0.00	(0.00)	(0.02)	0.43	0.48	(0.36)	(0.13)	0.00	0.03

Percent Difference in Energy generated (GWh) at SWP San Luis: Alternative1_2020 minus CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	21%	8%	-4%	-1%	-1%	-1%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	1%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	2%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1932	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	7%	1%	-5%	-6%	-9%	-13%
1938	Wet	-2%	0%	0%	0%	0%	0%	17%	>1,000%	5%	-10%	-18%	0%
1939	Dry	-30%	-10%	0%	0%	0%	-60%	-58%	-19%	-77%	0%	-	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	1%	2%	2%	0%	0%	0%
1941	Wet	0%	1%	0%	0%	0%	0%	-1%	-2%	-7%	0%	0%	0%
1942	Wet	-5%	-1%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	-2%	-3%	5%	-79%	0%	0%
1944	Dry	-13%	-38%	0%	0%	0%	0%	0%	0%	5%	0%	0%	-2%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	15%	-1%	-1%	-4%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	-20%	0%	1%	1%	0%	2%	0%
1948	Below Normal	0%	0%	50%	0%	-7%	0%	0%	1%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	-2%	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	3%	0%	0%	0%	-1%	0%	0%	-24%	-62%	-100%	0%	0%
1953	Wet	-56%	-22%	0%	115%	-	-	18%	34%	135%	0%	0%	0%
1954	Above Normal	-12%	3%	0%	0%	-	0%	1%	4%	10%	-	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	4%	3%	3%	0%	5%	-55%
1956	Wet	107%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	1%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	1%	-4%	-11%	23%	-18%	0%
1959	Below Normal	-22%	-12%	0%	0%	0%	0%	1%	1%	2%	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%	-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%	-1%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	3%	0%	0%	0%	-6%	0%	-2%	-3%	-3%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	1%	-1%	11%	-15%	-11%	0%
1968	Below Normal	9%	-18%	0%	0%	-100%	0%	1%	1%	3%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	-	0%	1%	-100%	-62%	0%
1970	Wet	24%	-2%	0%	0%	0%	0%	9%	-1%	-3%	0%	0%	0%
1971	Wet	-40%	0%	0%	1%	1%	0%	1%	1%	0%	0%	0%	0%
1972	Below Normal	0%	3%	0%	0%	1%	2%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	-1%	-4%	-1%	-2%	-5%	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	3%	0%	-7%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	-4%	1%	9%	0%	0%	0%
1979	Below Normal	-70%	5%	0%	0%	0%	0%	-7%	-8%	-10%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	-26%	-16%	-28%	-100%	-100%	0%
1981	Dry	-77%	-6%	0%	0%	-	-	34%	53%	302%	0%	-28%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	7%	-2%	-6%	-12%	0%
1983	Wet	0%	0%	0%	-100%	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%	7%	0%	-1%	-2%	-6%	0%
1987	Dry	-2%	-22%	0%	0%	0%	0%	-1%	-2%	-8%	-1%	-1%	0%
1988	Critical	1%	0%	0%	0%	0%	0%	0%	3%	2%	0%	1%	13%
1989	Dry	2%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	-5%	0%
1990	Critical	0%	3%	0%	0%	0%	-1%	0%	50%	0%	0%	-7%	-43%
1991	Critical	-3%	0%	0%	0%	0%	0%	-3%	-1%	2%	0%	-1%	-2%
1992	Critical	0%	-1%	0%	0%	0%	0%	-3%	-4%	57%	-23%	-2%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	63%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	1%	-	-4%	-94%	0%	0%
1996	Wet	-70%	-100%	0%	0%	0%	0%	-3%	-5%	-4%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	1%	-10%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	3%	-1%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	0%	0%	0%
2001	Dry	-3%	-1%	0%	0%	0%	0%	0%	0%	0%	-23%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
2003	Above Normal	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-3%	-3%	1%	0%	-1%	-1%	0%	1%	5%	-7%	-3%	-1%
	Wet	-1%	-5%	0%	1%	0%	0%	2%	0%	2%	-15%	-5%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	-2%	-1%	4%	-8%	-8%	0%
	Below Normal	-6%	-2%	4%	2%	-7%	1%	0%	0%	-1%	0%	-1%	-1%
	Dry	-7%	-4%	0%	0%	0%	-4%	-1%	2%	13%	-1%	-2%	-3%
	Critical	0%	0%	-1%	0%	0%	0%	0%	4%	5%	-2%	-1%	-3%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	476.99	374.89	330.14	107.98	271.41	390.81	365.76	941.25	551.88	629.84	484.06	579.07	5,504.08
1923	Below Normal	323.93	253.13	292.86	301.95	367.86	279.89	291.15	363.03	354.41	622.60	549.73	357.41	4,357.95
1924	Critical	225.87	194.37	168.06	105.41	108.11	163.19	234.79	263.94	288.89	370.03	206.28	146.07	2,475.01
1925	Dry	65.68	56.30	49.77	51.75	55.09	145.27	273.71	376.52	464.39	628.60	467.04	423.43	3,057.55
1926	Dry	238.93	193.05	169.52	50.25	61.00	157.31	195.07	415.89	478.72	596.90	421.06	292.30	3,270.00
1927	Wet	172.97	168.68	224.24	51.54	205.90	512.55	513.08	525.39	411.61	693.20	601.74	618.49	4,699.39
1928	Above Normal	330.75	267.23	267.30	182.35	307.89	425.77	391.51	439.38	552.95	715.64	600.86	538.68	5,020.31
1929	Critical	341.81	272.06	251.26	183.22	182.80	131.64	213.58	294.86	295.74	254.49	210.43	49.36	2,681.25
1930	Dry	90.27	97.29	195.13	47.21	157.57	84.35	237.97	306.80	463.49	584.13	408.39	334.69	3,007.29
1931	Critical	142.98	101.92	80.18	48.43	60.57	93.26	297.60	287.13	313.44	334.30	250.43	163.97	2,174.21
1932	Dry	84.13	63.79	159.64	45.92	87.18	257.11	254.42	295.52	392.84	436.39	412.55	233.74	2,723.23
1933	Critical	192.00	163.34	104.47	48.63	234.78	220.10	232.01	335.77	376.29	383.09	272.78	209.34	2,772.60
1934	Critical	132.18	104.54	133.34	63.01	134.14	98.35	289.45	338.61	365.21	302.32	198.16	50.38	2,209.69
1935	Below Normal	188.55	137.40	105.50	63.42	71.69	110.80	337.51	422.85	464.83	678.55	598.00	448.44	3,627.54
1936	Below Normal	312.01	265.22	238.14	148.26	176.84	516.55	354.19	438.64	425.51	669.31	598.30	445.76	4,588.73
1937	Below Normal	375.19	298.08	380.89	191.97	314.42	330.59	408.63	490.02	669.51	669.39	600.88	374.71	5,104.28
1938	Wet	337.52	308.25	294.56	214.78	527.16	966.65	885.08	991.63	733.36	578.77	568.93	716.12	7,122.81
1939	Dry	442.84	394.67	434.04	231.29	245.38	225.74	428.88	450.52	267.44	673.13	337.65	368.20	4,499.78
1940	Above Normal	95.13	76.00	270.81	72.92	67.55	768.98	428.38	382.94	407.90	731.15	645.67	568.39	4,515.82
1941	Wet	308.05	256.38	178.81	134.20	702.83	669.77	462.56	718.10	483.49	651.47	432.90	667.85	5,666.41
1942	Wet	379.18	322.40	417.02	799.30	856.28	375.08	645.17	539.16	553.83	560.72	463.04	626.05	6,537.23
1943	Wet	322.44	251.84	182.30	762.42	495.16	856.56	519.68	456.03	463.53	749.20	640.22	665.92	6,365.30
1944	Dry	398.85	96.07	477.59	174.41	164.41	162.45	285.42	321.15	429.87	558.03	377.96	224.43	3,670.64
1945	Below Normal	151.05	133.33	125.67	87.78	95.30	362.98	361.18	412.00	419.79	651.89	564.15	428.92	3,794.04
1946	Below Normal	311.12	241.99	242.50	303.39	331.94	370.25	343.73	388.25	434.27	660.66	569.84	398.00	4,595.94
1947	Dry	294.81	204.62	195.11	172.47	180.68	181.36	402.08	481.21	473.21	649.80	484.81	448.71	4,168.87
1948	Below Normal	267.11	245.84	250.13	182.69	168.96	109.71	175.91	202.80	140.49	716.70	632.41	381.14	3,473.89
1949	Dry	270.63	228.13	183.82	93.52	96.89	135.36	370.04	405.01	510.13	647.34	341.71	461.76	3,744.34
1950	Below Normal	244.41	125.77	163.30	71.49	56.53	90.58	304.34	351.18	141.79	708.29	621.42	420.51	3,299.61
1951	Above Normal	253.24	221.88	569.63	728.77	647.00	488.98	344.33	419.00	474.73	699.34	589.91	532.43	5,969.24
1952	Wet	322.88	254.71	224.57	301.30	637.76	580.31	948.19	1,023.95	725.10	464.20	395.31	689.47	6,567.75
1953	Wet	437.68	363.69	415.25	927.62	272.21	399.94	418.23	431.22	401.25	719.34	541.02	613.78	5,941.23
1954	Above Normal	317.41	250.48	210.44	137.00	179.83	415.07	493.86	378.56	518.80	711.07	606.87	546.95	4,766.34
1955	Dry	285.81	205.20	164.43	83.99	101.97	156.38	319.14	357.68	413.09	575.77	423.08	261.13	3,347.67
1956	Wet	201.78	179.08	169.58	836.26	680.58	562.96	471.67	825.31	525.68	645.96	492.85	655.11	6,246.82
1957	Above Normal	375.49	326.17	446.22	223.34	296.14	304.91	334.30	372.95	315.18	739.32	623.81	543.18	4,901.01
1958	Wet	240.49	248.06	180.94	79.31	802.45	689.51	670.96	877.85	671.30	568.21	454.51	710.01	6,193.60
1959	Below Normal	453.11	199.06	532.21	180.91	365.58	210.92	337.85	349.97	261.42	698.01	581.70	399.00	4,569.74
1960	Dry	250.91	214.46	147.90	57.76	59.86	106.03	402.01	405.61	450.37	675.87	486.54	496.52	3,753.84
1961	Dry	259.88	241.48	207.82	78.97	84.08	97.09	301.07	352.52	411.71	581.13	338.90	158.18	3,112.83
1962	Below Normal	42.27	203.51	242.06	49.79	49.98	122.15	301.64	449.11	205.75	701.41	598.83	463.76	3,430.26
1963	Wet	223.52	208.61	166.75	194.50	743.10	516.57	747.94	451.56	433.34	694.57	560.73	575.38	5,516.57
1964	Dry	282.64	203.13	189.02	169.66	342.85	280.60	383.41	374.16	400.47	601.83	414.63	427.37	4,069.77
1965	Wet	235.46	213.51	254.48	837.76	415.20	442.95	583.89	475.20	316.97	687.36	482.41	623.18	5,568.37
1966	Below Normal	347.18	246.68	203.72	275.25	295.35	254.30	322.38	356.81	466.43	668.35	564.09	444.19	4,444.73
1967	Wet	251.75	186.71	162.16	105.53	306.30	725.17	451.00	829.35	719.58	462.46	444.42	736.65	5,381.08
1968	Below Normal	451.89	380.50	405.13	203.26	593.93	394.18	332.57	357.90	261.03	719.45	577.06	466.98	5,143.88
1969	Wet	232.99	205.66	168.05	524.25	698.65	559.27	615.31	896.85	518.90	529.79	478.10	717.02	6,144.84
1970	Wet	422.37	388.76	587.59	918.10	622.20	463.41	384.13	400.84	430.21	665.65	555.37	516.12	6,354.75
1971	Wet	318.87	252.94	237.76	326.20	339.05	438.24	441.36	658.62	534.60	677.10	550.28	604.14	5,379.16
1972	Below Normal	312.63	241.27	170.11	143.64	281.04	263.21	339.39	368.69	446.75	655.91	557.41	430.56	4,210.61
1973	Above Normal	212.28	194.64	164.51	96.45	500.46	469.95	344.10	484.52	509.22	655.81	493.63	499.59	4,625.16
1974	Wet	304.70	239.40	445.83	914.20	471.43	975.25	730.40	623.44	517.10	613.31	340.97	637.25	6,813.28
1975	Wet	353.83	298.03	251.60	273.66	384.55	766.02	357.82	701.24	574.40	648.25	371.86	632.67	5,613.93
1976	Critical	254.03	300.45	366.26	192.53	203.45	196.45	350.16	393.19	362.62	593.06	347.38	451.61	4,011.19
1977	Critical	276.04	215.18	148.62	59.39	61.15	80.42	149.44	65.78	111.43	47.78	45.88	42.95	1,304.06
1978	Above Normal	31.43	102.97	178.65	62.51	78.81	416.09	466.89	379.75	394.04	637.67	554.29	521.06	3,824.16
1979	Below Normal	356.91	272.35	372.62	160.05	156.82	297.65	369.04	420.31	551.56	649.93	530.89	417.51	4,555.64
1980	Above Normal	305.46	245.31	242.45	387.90	894.11	512.04	428.13	495.14	452.31	611.17	483.72	613.31	5,671.05
1981	Dry	443.89	330.95	381.73	191.19	183.72	178.79	288.80	354.30	280.38	678.40	516.23	406.32	4,234.70
1982	Wet	225.06	203.12	712.01	450.78	803.14	753.81	945.19	785.03	574.60	551.12	436.77	521.53	6,962.16
1983	Wet	376.35	578.48	671.75	744.93	863.00	972.21	622.58	846.44	836.31	499.72	428.90	517.56	7,958.23
1984	Wet	494.98	811.34	970.53	464.63	589.22	666.12	333.77	408.08	526.12	693.10	491.80	529.46	6,979.15
1985	Dry	321.24	225.23	273.36	254.79	249.25	271.87	353.76	470.44	472.36	617.88	413.80	390.36	4,314.34
1986	Wet	306.27	208.59	228.52	180.54	741.12	966.06	424.37	511.47	493.86	738.42	619.02	665.80	6,084.04
1987	Dry	435.38	177.26	483.00	159.66	147.71	120.11	192.68	257.79	296.17	223.72	179.99	147.60	2,821.07
1988	Critical	80.03	58.89	72.12	41.73	90.48	95.31	138.52	180.05	236.57	319.79	159.17	126.27	1,598.93
1989	Dry	65.55	62.81	40.83	32.48	72.63	82.69	361.09	482.11	518.18	633.95	472.60	400.53	3,225.45
1990	Critical	287.20	273.95	326.56	113.33	111.72	101.62	236.31	204.65	259.47	455.37	187.02	163.59	2,720.79
1991	Critical	90.55	55.67	64.96	38.84	57.16	78.03	128.08	158.44	236.42	365.30	152.81	136.12	1,562.38
1992	Critical	62.06	51.20	54.62	38.82	44.12	64.87	173.29	258.67	308.51	247.67	196.54	186.58	1,686.95
1993	Above Normal	57.39	43.51	65.30	61.93	211.14	525.49	415.37	633.97	331.17	713.17	621.44	586.24	4,266.12
1994	Critical	339.30	278.44	226.80	121.16	125.52	154.11	341.20	357.84	310.22	589.04	205.14	238.13	3,286.90
1995	Wet	65.89	177.59	299.80	58.16	398.05	806.15	858.85	967.60	797.15	472.69	443.69	508.87	5,854.49
1996	Wet	456.08	233.07	407.20	585.91	731.13	593.92	553.96	731.85	424.88	665.94	452.10	609.66	6,445.70
1997	Wet	347.78	280.85	687.26	905.75	614.27	515.31	429.43	438.54	460.59	680.81	460.75	613.22	6,434.56
1998	Wet	371.77	302.33	270.22	218.52	843.44	851.82	419.21	674.04	771.69	437.10	357.57	458.25	5,975.96
1999	Wet	419.06	538.45	440.89	789.31	842.58	680.76	326.72	398.29	389.57	657.32	415.11	463.15	6,361.21
2000	Above Normal	358.21	288.33	403.41	207.55	522.69	560.99	329.51	405.71	485.31	715.84	582.68	527.65	5,387.88
2001	Dry	312.91	267.24	349.86	131.41	128.56	134.61	243.23	345.40	381.51	374.03	258.72	195.60	3,123.08
2002	Dry	154.78	89.79	87.92	53.79	86.30	126.85	394.40	385.30	411.39	595.13	254.78	421.68	3,062.11
2003	Above Normal	123.41	129.76	298.21	84.96	111.04	160.59	270.39	487.67	189.20	740.26	597.13	573.27	3,765.89
	Average	272.29	230.09	275.72	249.41	328.30	376.11	395.42	467.76	435.31	589.89	450.63	444.59	4,515.52
	Wet	312.68	295.41	355.76	484.59	599.49	665.63	567.71	661.04	549.58	615.61	480.01	611.26	6,198.77
	Above Normal	244.77	210.10	287.26	196.14	340.67	453.31	384.38	485.07	431.89	691.69	573.67	552.49	4,851.42
	Below Normal	295.53	231.72	266.06	168.85	237.59	265.27	327.11	383.68	374.54	676.46	581.77	419.78	4,228.35
	Dry	261.06	186.19	232.81	115.58	139.17	161.33	315.95	379.89	417.54	574.00	389.47	338.48	3,511.48
	Critical	202.00	172.50	166.44	87.88	117.83	123.11	232.04	261.58	288.73	355.19	202.67	163.70	2,373.66

Energy generated (GWh) at Syst. Tot.: Alternative1_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	476.99	374.89	330.14	107.98	271.40	390.81	365.71	941.17	566.30	644.26	498.48	593.49	5,561.62
1923	Below Normal	338.36	267.57	307.32	303.72	368.13	278.32	290.96	362.86	368.70	637.13	564.29	371.48	4,458.84
1924	Critical	240.25	208.74	182.24	119.19	107.54	163.01	234.87	263.91	289.12	370.47	206.14	146.18	2,531.66
1925	Dry	65.71	56.32	49.78	51.76	55.05	144.28	273.86	376.71	467.39	631.80	470.18	426.52	3,069.36
1926	Dry	242.14	196.19	172.62	53.35	60.94	156.56	194.88	415.73	478.71	596.73	421.18	291.42	3,280.45
1927	Wet	172.86	168.59	224.16	51.55	205.79	512.56	513.09	525.40	425.30	706.92	615.44	632.24	4,753.90
1928	Above Normal	345.20	281.70	281.79	196.81	307.67	425.72	391.52	439.38	558.65	721.34	606.58	544.39	5,100.75
1929	Critical	347.49	277.81	257.27	189.21	182.83	131.61	213.54	294.80	295.66	254.41	210.37	46.98	2,701.98
1930	Dry	90.84	97.82	195.81	47.21	157.56	84.34	237.96	306.80	463.55	584.12	408.37	334.68	3,009.06
1931	Critical	142.97	101.89	80.16	48.43	60.56	93.28	297.54	287.06	313.38	334.04	250.37	163.94	2,173.62
1932	Dry	84.11	63.77	159.63	45.90	87.18	261.86	254.39	295.46	407.17	450.82	427.00	248.13	2,785.42
1933	Critical	206.52	177.90	118.76	63.02	231.35	220.09	232.01	335.76	376.30	382.90	272.79	209.35	2,826.75
1934	Critical	132.19	104.54	133.35	63.01	134.10	98.13	289.38	338.54	365.13	302.26	197.99	50.36	2,208.98
1935	Below Normal	188.21	137.31	105.40	63.42	71.67	110.39	336.37	422.65	476.66	690.83	610.43	460.31	3,673.65
1936	Below Normal	322.07	276.73	246.08	157.94	178.17	516.61	354.24	438.70	439.24	683.05	612.05	459.48	4,684.36
1937	Below Normal	388.93	312.02	395.42	191.94	314.01	320.98	413.26	491.16	684.37	682.62	614.17	385.76	5,194.64
1938	Wet	348.65	321.97	294.57	211.49	524.94	968.90	899.96	1,053.36	734.24	593.28	583.03	731.24	7,265.63
1939	Dry	452.85	405.61	449.82	259.71	238.16	197.15	403.13	407.59	219.13	658.81	359.68	326.55	4,378.19
1940	Above Normal	116.64	87.01	300.05	86.33	67.67	769.05	428.76	383.86	421.12	743.25	657.72	580.34	4,641.80
1941	Wet	320.68	269.04	185.24	134.12	702.39	668.90	461.36	716.14	494.85	662.29	445.80	680.70	5,741.51
1942	Wet	391.37	335.29	422.86	799.25	856.29	374.29	645.04	538.96	568.20	575.15	477.62	640.44	6,624.76
1943	Wet	336.84	266.26	196.73	762.16	493.28	854.71	517.30	452.99	477.49	766.10	652.08	677.72	6,453.66
1944	Dry	409.84	108.67	488.58	180.74	157.15	160.02	285.23	321.00	433.18	564.11	383.93	233.39	3,725.84
1945	Below Normal	157.56	139.85	132.19	94.37	95.25	340.27	361.30	412.06	433.29	665.86	577.76	442.62	3,852.38
1946	Below Normal	325.17	256.43	257.24	317.04	331.86	373.69	342.35	383.59	453.45	673.43	585.40	411.43	4,711.08
1947	Dry	303.95	217.15	206.48	182.29	181.69	175.54	402.75	482.19	476.66	652.74	487.18	452.26	4,220.88
1948	Below Normal	267.50	248.99	257.72	183.12	165.97	108.62	175.97	199.84	140.46	717.55	633.18	381.81	3,480.73
1949	Dry	271.39	228.76	184.25	93.36	96.75	135.19	369.12	404.72	510.14	647.55	339.74	461.66	3,742.63
1950	Below Normal	244.72	126.42	147.84	71.49	56.53	90.58	304.35	351.22	143.14	709.58	622.71	421.80	3,290.38
1951	Above Normal	254.60	223.23	569.60	721.87	644.39	488.96	344.59	419.22	488.90	713.51	604.08	547.86	6,020.81
1952	Wet	337.46	269.29	239.19	315.02	633.50	580.32	947.00	972.18	680.68	433.37	369.73	664.79	6,442.53
1953	Wet	404.29	332.44	394.96	953.51	319.60	488.35	428.33	445.13	552.66	708.74	531.89	607.60	6,167.50
1954	Above Normal	317.19	252.44	227.99	157.91	233.63	410.84	493.35	379.78	534.41	716.54	601.49	542.01	4,867.58
1955	Dry	279.45	201.43	161.41	82.63	103.37	158.77	324.33	363.94	419.51	581.06	430.43	272.03	3,378.36
1956	Wet	201.32	182.78	172.51	802.99	680.88	563.13	472.58	826.07	540.06	660.27	507.16	669.39	6,279.14
1957	Above Normal	389.87	340.78	461.26	237.98	296.06	301.79	334.21	372.71	323.32	750.47	635.36	554.67	4,998.48
1958	Wet	252.49	260.11	192.85	90.84	802.30	689.37	671.25	875.03	681.87	583.42	467.10	723.12	6,289.75
1959	Below Normal	465.03	202.33	549.83	195.57	364.37	210.97	338.12	350.18	262.61	699.12	582.74	403.19	4,624.06
1960	Dry	251.88	215.38	148.89	58.77	59.83	105.74	401.96	405.44	450.38	675.50	487.29	492.24	3,753.30
1961	Dry	259.65	241.28	207.69	79.05	84.16	97.13	301.10	352.53	411.73	580.75	338.99	158.25	3,112.31
1962	Below Normal	42.28	202.84	223.76	49.63	49.98	122.19	301.64	449.13	219.01	713.89	611.41	476.35	3,462.11
1963	Wet	236.78	221.88	180.05	207.81	743.28	516.57	747.83	451.45	447.55	708.99	575.15	589.81	5,627.15
1964	Dry	297.10	217.59	203.50	184.32	342.87	280.71	383.46	374.16	400.53	601.79	414.62	427.36	4,128.01
1965	Wet	235.32	213.50	254.49	837.78	415.20	442.55	583.28	473.88	330.48	701.52	496.42	637.35	5,621.77
1966	Below Normal	361.68	261.18	218.17	288.84	295.16	254.28	322.39	356.79	475.29	677.18	572.96	452.99	4,536.91
1967	Wet	260.64	195.58	171.06	114.46	306.32	725.30	451.77	828.92	720.46	474.97	457.53	751.83	5,458.84
1968	Below Normal	466.23	349.76	441.56	201.14	578.57	390.59	333.49	358.98	271.48	730.27	587.83	477.63	5,187.53
1969	Wet	244.44	216.70	178.94	523.17	698.86	568.70	642.53	904.82	519.19	550.26	481.03	730.65	6,259.29
1970	Wet	437.69	401.70	596.01	918.24	620.02	463.53	413.14	398.45	441.96	678.40	568.15	538.39	6,475.68
1971	Wet	330.46	265.43	250.65	339.82	338.46	432.05	441.80	658.34	541.35	683.51	556.38	610.97	5,449.22
1972	Below Normal	320.36	249.56	179.00	155.98	282.80	264.78	339.76	368.90	446.87	655.88	557.34	430.64	4,251.87
1973	Above Normal	212.51	194.88	164.99	97.25	500.40	469.95	344.10	484.52	521.93	668.83	506.71	512.70	4,678.77
1974	Wet	318.66	253.22	459.37	927.34	471.03	975.40	727.27	621.77	529.01	626.44	354.02	650.32	6,913.85
1975	Wet	367.35	311.93	265.41	288.56	384.98	765.72	357.45	701.01	587.22	661.07	384.72	645.49	5,720.91
1976	Critical	267.57	313.99	379.86	206.27	203.39	196.69	350.71	393.86	364.17	593.87	346.71	452.20	4,069.29
1977	Critical	276.59	215.62	144.56	59.40	61.15	80.42	149.45	65.74	111.43	47.77	45.88	42.96	1,300.97
1978	Above Normal	31.43	102.36	171.89	62.51	78.81	402.95	463.36	382.22	411.72	657.07	574.94	537.47	3,876.73
1979	Below Normal	366.14	282.46	320.54	153.74	137.75	281.48	356.99	407.57	553.92	657.23	539.21	425.64	4,482.67
1980	Above Normal	305.43	251.91	249.01	459.66	893.34	512.57	364.85	440.51	413.35	578.36	449.27	544.35	5,462.61
1981	Dry	411.02	344.74	329.23	235.16	273.23	269.77	312.76	386.39	501.36	675.53	525.80	409.48	4,674.47
1982	Wet	233.21	209.46	737.17	470.06	809.33	753.64	945.11	789.77	587.17	564.31	449.80	535.33	7,084.36
1983	Wet	389.64	578.40	671.68	744.80	891.17	981.12	639.99	836.62	828.97	499.72	442.58	531.27	8,035.96
1984	Wet	494.98	811.34	985.65	464.63	587.18	666.11	333.77	408.08	540.16	707.15	505.84	543.56	7,048.45
1985	Dry	335.67	239.68	287.77	268.51	249.25	271.87	353.76	470.44	480.31	625.83	421.75	398.31	4,403.15
1986	Wet	314.20	216.55	236.53	188.51	704.91	966.73	445.98	511.92	506.89	752.57	632.55	679.89	6,157.23
1987	Dry	449.98	150.33	500.06	174.04	147.62	120.08	192.46	257.66	297.00	223.38	179.72	147.50	2,839.83
1988	Critical	80.00	58.85	72.07	41.69	90.49	95.30	138.49	181.21	237.82	318.92	160.23	127.19	1,602.26
1989	Dry	65.97	63.11	41.07	32.40	72.58	82.34	360.26	482.00	518.46	634.50	457.25	400.76	3,210.70
1990	Critical	290.99	277.28	329.56	111.38	110.31	101.44	237.31	210.88	260.69	457.13	192.23	164.28	2,743.48
1991	Critical	90.91	55.95	65.18	39.04	57.10	78.09	128.01	158.36	236.40	365.58	152.26	136.01	1,562.89
1992	Critical	62.06	51.09	54.62	38.82	44.12	64.87	171.45	256.30	295.43	257.21	194.41	184.98	1,675.36
1993	Above Normal	59.58	43.64	62.14	60.11	211.44	526.51	415.50	633.83	345.18	726.20	634.39	599.47	4,317.99
1994	Critical	353.87	293.33	244.36	136.73	126.44	154.26	340.97	357.66	314.54	587.20	196.32	239.31	3,344.99
1995	Wet	65.83	175.63	297.96	58.15	396.92	806.15	859.33	1,003.25	810.23	457.09	463.17	528.43	5,922.14
1996	Wet	347.49	111.22	325.92	600.56	731.05	593.86	552.13	729.04	437.59	676.82	465.85	623.19	6,194.72
1997	Wet	361.50	294.76	698.82	905.69	611.80	516.56	429.33	438.50	468.34	696.50	474.58	627.26	6,523.64
1998	Wet	385.60	316.18	284.47	232.86	847.62	851.76	420.24	672.42	769.17	435.89	371.10	471.51	6,058.82
1999	Wet	432.03	551.69	446.01	802.87	842.58	680.75	326.76	398.36	403.72	671.30	429.10	477.28	6,462.45
2000	Above Normal	372.65	302.78	417.91	222.03	522.94	558.65	328.69	405.66	497.46	728.68	595.32	539.94	5,492.71
2001	Dry	324.81	278.94	358.10	141.40	126.50	133.97	243.48	345.67	381.74	376.40	259.06	195.86	3,165.93
2002	Dry	155.15	90.16	88.05	53.96	86.28	126.84	394.03	384.90	411.01	594.87	249.71	423.53	3,058.49
2003	Above Normal	130.67	122.10	291.11	84.96	111.04	160.59	270.38	487.65	193.20	744.18	600.94	577.07	3,773.89
	Average	277.22	234.10	280.10	256.22	329.73	377.18	395.88	467.48	444.60	595.74	457.10	450.47	4,565.81
	Wet	316.22	298.11	360.13	490.24	600.76	669.50	572.06	662.76	562.49	624.46	490.69	623.07	6,270.49
	Above Normal	251.06	214.81	293.99	207.95	344.90	451.53	378.75	480.88	439.63	699.39	580.44	556.15	4,899.48
	Below Normal	303.87	236.68	270.15	173.42	235.02	261.70	326.51	382.40	383.46	685.26	590.82	428.65	4,277.94
	Dry	263.97	189.83	235.15	123.59	143.34	164.56	316.05	379.63	429.33	575.35	392.33	338.89	3,552.02
	Critical	207.62	178.08	171.83	93.02	117.45	123.10	231.98	262.01	288.34	355.98	202.14	163.65	2,395.19

Difference in Energy generated (GWh) at Syst. Tot.: Alternative1_2020 minus CONV_NA

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	(0.01)	0.00	(0.05)	(0.08)	14.42	14.42	14.42	14.42	4.79
1923	Below Normal	14.43	14.44	14.46	1.77	0.27	(1.57)	(0.19)	(0.17)	14.29	14.53	14.56	14.07	8.41
1924	Critical	14.38	14.37	14.18	13.78	(0.57)	(0.18)	0.08	(0.03)	0.23	0.44	(0.14)	0.11	4.72
1925	Dry	0.03	0.02	0.01	0.01	(0.04)	(0.99)	0.15	0.19	3.00	3.20	3.14	3.09	0.98
1926	Dry	3.21	3.14	3.10	3.10	(0.06)	(0.75)	(0.19)	(0.16)	(0.01)	(0.17)	0.12	(0.88)	0.87
1927	Wet	(0.11)	(0.09)	(0.08)	0.01	(0.11)	0.01	0.01	0.01	13.69	13.72	13.70	13.75	4.54
1928	Above Normal	14.45	14.47	14.49	14.46	(0.22)	(0.05)	0.01	0.00	5.70	5.70	5.72	5.71	6.70
1929	Critical	5.68	5.75	6.01	5.99	0.03	(0.03)	(0.04)	(0.06)	(0.08)	(0.08)	(0.06)	(2.38)	1.73
1930	Dry	0.57	0.53	0.68	0.00	(0.01)	(0.01)	(0.01)	0.00	0.06	(0.01)	(0.02)	(0.01)	0.15
1931	Critical	(0.01)	(0.03)	(0.02)	0.00	(0.01)	0.02	(0.06)	(0.07)	(0.06)	(0.26)	(0.06)	(0.03)	(0.05)
1932	Dry	(0.02)	(0.02)	(0.01)	(0.02)	0.00	4.75	(0.03)	(0.06)	14.33	14.43	14.45	14.39	5.18
1933	Critical	14.52	14.56	14.29	14.39	(3.43)	(0.01)	0.00	(0.01)	0.01	(0.19)	0.01	0.01	4.51
1934	Critical	0.01	0.00	0.01	0.00	(0.04)	(0.22)	(0.07)	(0.07)	(0.08)	(0.06)	(0.17)	(0.02)	(0.06)
1935	Below Normal	(0.34)	(0.09)	(0.10)	0.00	(0.02)	(0.41)	(1.14)	(0.20)	11.83	12.28	12.43	11.87	3.84
1936	Below Normal	10.06	11.51	7.94	9.68	1.33	0.06	0.05	0.06	13.73	13.74	13.75	13.72	7.97
1937	Below Normal	13.74	13.94	14.53	(0.03)	(0.41)	(9.61)	4.63	1.14	14.86	13.23	13.29	11.05	7.53
1938	Wet	11.13	13.72	0.01	(3.29)	(2.22)	2.25	14.88	61.73	0.88	14.51	14.10	15.12	11.90
1939	Dry	10.01	10.94	15.78	28.42	(7.22)	(28.59)	(25.75)	(42.93)	(48.31)	(14.32)	22.03	(41.65)	(10.13)
1940	Above Normal	21.51	11.01	29.24	13.41	0.12	0.07	0.38	0.92	13.22	12.10	12.05	11.95	10.50
1941	Wet	12.63	12.66	6.43	(0.08)	(0.44)	(0.87)	(1.20)	(1.96)	11.36	10.82	12.90	12.85	6.26
1942	Wet	12.19	12.89	5.84	(0.05)	0.01	(0.79)	(0.13)	(0.20)	14.37	14.43	14.58	14.39	7.29
1943	Wet	14.40	14.42	14.43	(0.26)	(1.88)	(1.85)	(2.38)	(3.04)	13.96	16.90	11.86	11.80	7.36
1944	Dry	10.99	12.60	10.99	6.33	(7.26)	(2.43)	(0.19)	(0.15)	3.31	6.08	5.97	8.96	4.60
1945	Below Normal	6.51	6.52	6.52	6.59	(0.05)	(22.71)	0.12	0.06	13.50	13.97	13.61	13.70	4.86
1946	Below Normal	14.05	14.44	14.74	13.65	(0.08)	3.44	(1.38)	(4.66)	19.18	12.77	15.56	13.43	9.60
1947	Dry	9.14	12.53	11.37	9.82	1.01	(5.82)	0.67	0.98	3.45	2.94	2.37	3.55	4.33
1948	Below Normal	0.39	3.15	7.59	0.43	(2.99)	(1.09)	0.06	(2.96)	(0.03)	0.85	0.77	0.67	0.57
1949	Dry	0.76	0.63	0.43	(0.16)	(0.14)	(0.17)	(0.92)	(0.29)	0.01	0.21	(1.97)	(0.10)	(0.14)
1950	Below Normal	0.31	0.65	(15.46)	0.00	0.00	0.00	0.01	0.04	1.35	1.29	1.29	1.29	(0.77)
1951	Above Normal	1.36	1.35	(0.03)	(6.90)	(2.61)	(0.02)	0.26	0.22	14.17	14.17	14.17	15.43	4.30
1952	Wet	14.58	14.58	14.62	13.72	(4.26)	0.01	(1.19)	(51.77)	(44.42)	(30.83)	(25.58)	(24.68)	(10.44)
1953	Wet	(33.39)	(31.25)	(20.29)	25.89	47.39	88.41	10.10	13.91	151.41	(10.60)	(9.13)	(6.18)	18.86
1954	Above Normal	(0.22)	1.96	17.55	20.91	53.80	(4.23)	(0.51)	1.22	15.61	5.47	(5.38)	(4.94)	8.44
1955	Dry	(6.36)	(3.77)	(3.02)	(1.36)	1.40	2.39	5.19	6.26	6.42	5.29	7.35	10.90	2.56
1956	Wet	(0.46)	3.70	2.93	(33.27)	0.30	0.17	0.91	0.76	14.38	14.31	14.31	14.28	2.69
1957	Above Normal	14.38	14.61	15.04	14.64	(0.08)	(3.12)	(0.09)	(0.24)	8.14	11.15	11.55	11.49	8.12
1958	Wet	12.00	12.05	11.91	11.53	(0.15)	(0.14)	0.29	(2.82)	10.57	15.21	12.59	13.11	8.01
1959	Below Normal	11.92	3.27	17.62	14.66	(1.21)	0.05	0.27	0.21	1.19	1.11	1.04	4.19	4.53
1960	Dry	0.97	0.92	0.99	1.01	(0.03)	(0.29)	(0.05)	(0.17)	0.01	(0.37)	0.75	(4.28)	(0.05)
1961	Dry	(0.23)	(0.20)	(0.13)	0.08	0.08	0.04	0.03	0.01	0.02	(0.38)	0.09	0.07	(0.04)
1962	Below Normal	0.01	(0.67)	(18.30)	(0.16)	0.00	0.04	0.00	0.02	13.26	12.48	12.58	12.59	2.65
1963	Wet	13.26	13.27	13.30	13.31	0.18	0.00	(0.11)	(0.11)	14.21	14.42	14.42	14.43	9.21
1964	Dry	14.46	14.46	14.48	14.66	0.02	0.11	0.05	0.00	0.06	(0.04)	(0.01)	(0.01)	4.85
1965	Wet	(0.14)	(0.01)	0.01	0.02	0.00	(0.40)	(0.61)	(1.32)	13.51	14.16	14.01	14.17	4.45
1966	Below Normal	14.50	14.50	14.45	13.59	(0.19)	(0.02)	0.01	(0.02)	8.86	8.83	8.87	8.80	7.68
1967	Wet	8.89	8.87	8.90	8.93	0.02	0.13	0.77	(0.43)	0.88	12.51	13.11	15.18	6.48
1968	Below Normal	14.34	(30.74)	36.43	(2.12)	(15.36)	(3.59)	0.92	1.08	10.45	10.82	10.77	10.65	3.64
1969	Wet	11.45	11.04	10.89	(1.08)	0.21	9.43	27.22	7.97	0.29	20.47	2.93	13.63	9.54
1970	Wet	15.32	12.94	8.42	0.14	(2.18)	0.12	29.01	(2.39)	11.75	12.75	12.78	22.27	10.08
1971	Wet	11.59	12.49	12.89	13.62	(0.59)	(6.19)	0.44	(0.28)	6.75	6.41	6.10	6.83	5.84
1972	Below Normal	7.73	8.29	8.89	12.34	1.76	1.57	0.37	0.21	0.12	(0.03)	(0.07)	0.08	3.44
1973	Above Normal	0.23	0.24	0.48	0.80	(0.06)	0.00	0.00	0.00	12.71	13.02	13.08	13.11	4.47
1974	Wet	13.96	13.82	13.54	13.14	(0.40)	0.15	(3.13)	(1.67)	11.91	13.13	13.05	13.07	8.38
1975	Wet	13.52	13.90	13.81	14.90	0.43	(0.30)	(0.37)	(0.23)	12.82	12.82	12.86	12.82	8.92
1976	Critical	13.54	13.54	13.60	13.74	(0.06)	0.24	0.55	0.67	1.55	0.81	(0.67)	0.59	4.84
1977	Critical	0.55	0.44	(4.06)	0.01	0.00	0.00	0.01	(0.04)	0.00	(0.01)	0.00	0.01	(0.26)
1978	Above Normal	0.00	(0.61)	(6.76)	0.00	0.00	(13.14)	(3.53)	2.47	17.68	19.40	20.65	16.41	4.38
1979	Below Normal	9.23	10.11	(52.08)	(6.31)	(19.07)	(16.17)	(12.05)	(12.74)	2.36	7.30	8.32	8.13	(6.08)
1980	Above Normal	(0.03)	6.60	6.56	71.76	(0.77)	0.53	(63.28)	(54.63)	(38.96)	(32.81)	(34.45)	(68.96)	(17.37)
1981	Dry	(32.87)	13.79	(52.50)	43.97	89.51	90.98	23.96	32.09	220.98	(2.87)	9.57	3.16	36.65
1982	Wet	8.15	6.34	25.16	19.28	6.19	(0.17)	(0.08)	4.74	12.57	13.19	13.03	13.80	10.18
1983	Wet	13.29	(0.08)	(0.07)	(0.13)	28.17	8.91	17.41	(9.82)	(7.34)	0.00	13.68	13.71	6.48
1984	Wet	0.00	0.00	15.12	0.00	(2.04)	(0.01)	0.00	0.00	14.04	14.05	14.04	14.10	5.77
1985	Dry	14.43	14.45	14.41	13.72	0.00	0.00	0.00	0.00	7.95	7.95	7.95	7.95	7.40
1986	Wet	7.93	7.96	8.01	7.97	(36.21)	0.67	21.61	0.45	13.03	14.15	13.53	14.09	6.10
1987	Dry	14.60	(26.93)	17.06	14.38	(0.09)	(0.03)	(0.22)	(0.13)	0.83	(0.34)	(0.27)	(0.10)	1.56
1988	Critical	(0.03)	(0.04)	(0.05)	(0.04)	0.01	(0.01)	(0.03)	1.16	1.25	(0.87)	1.06	0.92	0.28
1989	Dry	0.42	0.30	0.24	(0.08)	(0.05)	(0.35)	(0.83)	(0.11)	0.28	0.55	(15.35)	0.23	(1.23)
1990	Critical	3.79	3.33	3.00	(1.95)	(1.41)	(0.18)	1.00	6.23	1.22	1.76	5.21	0.69	1.89
1991	Critical	0.36	0.28	0.22	0.20	(0.06)	0.06	(0.07)	(0.08)	(0.02)	0.28	(0.55)	(0.11)	0.04
1992	Critical	0.00	(0.11)	0.00	0.00	0.00	0.00	(1.84)	(2.37)	(13.08)	9.54	(2.13)	(1.60)	(0.97)
1993	Above Normal	2.19	0.13	(3.16)	(1.82)	0.30	1.02	0.13	(0.14)	14.01	13.03	12.95	13.23	4.32
1994	Critical	14.57	14.89	17.56	15.57	0.92	0.15	(0.23)	(0.18)	4.32	(1.84)	(8.82)	1.18	4.84
1995	Wet	(0.06)	(1.96)	(1.84)	(0.01)	(1.13)	0.00	0.48	35.65	13.08	(15.60)	19.48	19.56	5.64
1996	Wet	(108.59)	(121.85)	(81.28)	14.65	(0.08)	(0.06)	(1.83)	(2.81)	12.71	10.88	13.75	13.53	(20.92)
1997	Wet	13.72	13.91	11.56	(0.06)	(2.47)	1.25	(0.10)	(0.04)	7.75	15.69	13.83	14.04	7.42
1998	Wet	13.83	13.85	14.25	14.34	4.18	(0.06)	1.03	(1.62)	(2.52)	(1.21)	13.53	13.26	6.90
1999	Wet	12.97	13.24	5.12	13.56	0.00	(0.01)	0.04	0.07	14.15	13.98	13.99	14.13	8.44
2000	Above Normal	14.44	14.45	14.50	14.48	0.25	(2.34)	(0.82)	(0.05)	12.15	12.84	12.64	12.29	8.74
2001	Dry	11.90	11.70	8.24	9.99	(2.06)	(0.64)	0.25	0.27	0.23	2.37	0.34	0.26	3.57
2002	Dry	0.37	0.37	0.13	0.17	(0.02)	(0.01)	(0.37)	(0.40)	(0.38)	(0.26)	(5.07)	1.85	(0.30)
2003	Above Normal	7.26	(7.66)	(7.10)	0.00	0.00	0.00	(0.01)	(0.02)	4.00	3.92	3.81	3.80	0.67
	Average	4.93	4.01	4.37	6.81	1.44	1.07	0.47	(0.28)	9.28	5.85	6.47	5.88	4.19
	Wet	3.54	2.71	4.37	5.65	1.27	3.87	4.35	1.72	12.92	8.86	10.67	11.81	5.98
	Above Normal	6.30	4.71	6.73	11.81	4.23	(1.77)	(5.63)	(4.19)	7.74	7.70	6.77	3.66	4.01
	Below Normal	8.35	4.95	4.09	4.58	(2.57)	(3.57)	(0.59)	(1.28)	8.93	8.80	9.06	8.87	4.13
	Dry	2.91	3.64	2.35	8.00	4.17	3.23	0.10	(0.26)	11.79	1.35	2.86	0.41	3.38
	Critical	5.61	5.58	5.40	5.14	(0.38)	(0.01)	(0.06)	0.43	(0.39)	0.79	(0.53)	(0.05)	1.79

Percent Difference in Energy generated (GWh) at Syst. Tot.: Alternative1_2020 minus CONV_NA

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%	3%	2%	3%	2%
1923	Below Normal	4%	6%	5%	1%	0%	-1%	0%	0%	4%	2%	3%	4%
1924	Critical	6%	7%	8%	13%	-1%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	1%	1%	1%	1%
1926	Dry	1%	2%	2%	6%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	3%	2%	2%	2%
1928	Above Normal	4%	5%	5%	8%	0%	0%	0%	0%	1%	1%	1%	1%
1929	Critical	2%	2%	2%	3%	0%	0%	0%	0%	0%	0%	0%	-5%
1930	Dry	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	2%	0%	0%	4%	3%	4%	6%
1933	Critical	8%	9%	14%	30%	-1%	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%	3%	2%	2%	3%
1936	Below Normal	3%	4%	3%	7%	1%	0%	0%	0%	3%	2%	2%	3%
1937	Below Normal	4%	5%	4%	0%	0%	-3%	1%	0%	2%	2%	2%	3%
1938	Wet	3%	4%	0%	-2%	0%	0%	2%	6%	0%	3%	2%	2%
1939	Dry	2%	3%	4%	12%	-3%	-13%	-6%	-10%	-18%	-2%	7%	-11%
1940	Above Normal	23%	14%	11%	18%	0%	0%	0%	0%	3%	2%	2%	2%
1941	Wet	4%	5%	4%	0%	0%	0%	0%	0%	2%	2%	3%	2%
1942	Wet	3%	4%	1%	0%	0%	0%	0%	0%	3%	3%	3%	2%
1943	Wet	4%	6%	8%	0%	0%	0%	0%	-1%	3%	2%	2%	2%
1944	Dry	3%	13%	2%	4%	-4%	-1%	0%	0%	1%	1%	2%	4%
1945	Below Normal	4%	5%	5%	8%	0%	-6%	0%	0%	3%	2%	2%	3%
1946	Below Normal	5%	6%	6%	4%	0%	1%	0%	-1%	4%	2%	3%	3%
1947	Dry	3%	6%	6%	6%	1%	-3%	0%	0%	1%	0%	0%	1%
1948	Below Normal	0%	1%	3%	0%	-2%	-1%	0%	-1%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1950	Below Normal	0%	1%	-9%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1951	Above Normal	1%	1%	0%	-1%	0%	0%	0%	0%	3%	2%	2%	3%
1952	Wet	5%	6%	7%	5%	-1%	0%	0%	-5%	-6%	-7%	-6%	-4%
1953	Wet	-8%	-9%	-5%	3%	17%	22%	2%	3%	38%	-1%	-2%	-1%
1954	Above Normal	0%	1%	8%	15%	30%	-1%	0%	0%	3%	1%	-1%	-1%
1955	Dry	-2%	-2%	-2%	-2%	1%	2%	2%	2%	2%	1%	2%	4%
1956	Wet	0%	2%	2%	-4%	0%	0%	0%	0%	3%	2%	3%	2%
1957	Above Normal	4%	4%	3%	7%	0%	-1%	0%	0%	3%	2%	2%	2%
1958	Wet	5%	5%	7%	15%	0%	0%	0%	0%	2%	3%	3%	2%
1959	Below Normal	3%	2%	3%	8%	0%	0%	0%	0%	0%	0%	0%	1%
1960	Dry	0%	0%	1%	2%	0%	0%	0%	0%	0%	0%	0%	-1%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	-8%	0%	0%	0%	0%	0%	6%	2%	2%	3%
1963	Wet	6%	6%	8%	7%	0%	0%	0%	0%	3%	2%	3%	3%
1964	Dry	5%	7%	8%	9%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	4%	2%	3%	2%
1966	Below Normal	4%	6%	7%	5%	0%	0%	0%	0%	2%	1%	2%	2%
1967	Wet	4%	5%	5%	8%	0%	0%	0%	0%	0%	3%	3%	2%
1968	Below Normal	3%	-8%	9%	-1%	-3%	-1%	0%	0%	4%	2%	2%	2%
1969	Wet	5%	5%	6%	0%	0%	2%	4%	1%	0%	4%	1%	2%
1970	Wet	4%	3%	1%	0%	0%	0%	8%	-1%	3%	2%	2%	4%
1971	Wet	4%	5%	5%	4%	0%	-1%	0%	0%	1%	1%	1%	1%
1972	Below Normal	2%	3%	5%	9%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	2%	2%	3%	3%
1974	Wet	5%	6%	3%	1%	0%	0%	0%	0%	2%	2%	4%	2%
1975	Wet	4%	5%	5%	5%	0%	0%	0%	0%	2%	2%	3%	2%
1976	Critical	5%	5%	4%	7%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	-1%	-4%	0%	0%	-3%	-1%	1%	4%	3%	4%	3%
1979	Below Normal	3%	4%	-14%	-4%	-12%	-5%	-3%	-3%	0%	1%	2%	2%
1980	Above Normal	0%	3%	3%	18%	0%	0%	-15%	-11%	-9%	-5%	-7%	-11%
1981	Dry	-7%	4%	-14%	23%	49%	51%	8%	9%	79%	0%	2%	1%
1982	Wet	4%	3%	4%	4%	1%	0%	0%	1%	2%	2%	3%	3%
1983	Wet	4%	0%	0%	0%	3%	1%	3%	-1%	-1%	0%	3%	3%
1984	Wet	0%	0%	2%	0%	0%	0%	0%	0%	3%	2%	3%	3%
1985	Dry	4%	6%	5%	5%	0%	0%	0%	0%	2%	1%	2%	2%
1986	Wet	3%	4%	4%	4%	-5%	0%	5%	0%	3%	2%	2%	2%
1987	Dry	3%	-15%	4%	9%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%	1%	1%
1989	Dry	1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	-3%	0%
1990	Critical	1%	1%	1%	-2%	-1%	0%	0%	3%	0%	0%	3%	0%
1991	Critical	0%	1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	-1%	-1%	-4%	4%	-1%	-1%
1993	Above Normal	4%	0%	-5%	-3%	0%	0%	0%	0%	4%	2%	2%	2%
1994	Critical	4%	5%	8%	13%	1%	0%	0%	0%	1%	0%	-4%	0%
1995	Wet	0%	-1%	-1%	0%	0%	0%	0%	4%	2%	-3%	4%	4%
1996	Wet	-24%	-52%	-20%	3%	0%	0%	0%	0%	3%	2%	3%	2%
1997	Wet	4%	5%	2%	0%	0%	0%	0%	0%	2%	2%	3%	2%
1998	Wet	4%	5%	5%	7%	0%	0%	0%	0%	0%	0%	4%	3%
1999	Wet	3%	2%	1%	2%	0%	0%	0%	0%	4%	2%	3%	3%
2000	Above Normal	4%	5%	4%	7%	0%	0%	0%	0%	3%	2%	2%	2%
2001	Dry	4%	4%	2%	8%	-2%	0%	0%	0%	0%	1%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
2003	Above Normal	6%	-6%	-2%	0%	0%	0%	0%	0%	2%	1%	1%	1%
	Average	2%	2%	2%	4%	1%	0%	0%	0%	3%	1%	1%	1%
	Wet	2%	1%	2%	2%	1%	1%	1%	0%	3%	1%	2%	2%
	Above Normal	4%	2%	2%	6%	2%	0%	-1%	-1%	2%	1%	1%	1%
	Below Normal	3%	2%	1%	3%	-1%	-1%	0%	0%	2%	1%	2%	2%
	Dry	1%	2%	1%	5%	2%	2%	0%	0%	4%	0%	1%	0%
	Critical	2%	2%	3%	5%	0%	0%	0%	0%	0%	0%	0%	0%

Energy generated (GWh) at Thermalito Dam: CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	20.48	12.39	16.56	8.71	13.03	24.48	6.51	86.00	32.47	42.67	27.73	44.33	335.36
1923	Below Normal	20.48	12.39	19.50	8.71	16.39	8.88	4.96	5.12	4.96	42.23	37.20	18.82	199.64
1924	Critical	9.06	8.42	9.02	8.71	8.14	12.26	9.88	12.18	14.76	35.53	10.94	6.48	145.38
1925	Dry	4.61	4.46	4.71	4.61	4.16	4.10	3.72	3.84	13.65	42.14	20.17	25.69	135.86
1926	Dry	10.36	6.02	8.68	4.61	4.16	8.30	3.72	15.51	24.55	45.25	22.58	13.59	167.33
1927	Wet	4.61	4.46	21.22	4.61	13.18	36.29	23.76	20.76	10.18	48.53	41.73	49.56	278.89
1928	Above Normal	20.48	12.39	14.08	8.71	21.09	41.74	4.96	5.12	24.57	51.21	41.61	38.99	284.95
1929	Critical	20.48	8.42	8.71	8.71	7.86	8.71	9.41	11.37	12.97	7.15	4.95	3.83	112.57
1930	Dry	4.61	4.46	20.34	4.61	18.45	4.10	3.72	3.84	22.93	45.26	27.18	23.35	182.85
1931	Critical	6.40	4.46	4.61	4.61	4.16	4.10	15.23	11.82	13.98	26.32	11.68	5.55	112.92
1932	Dry	4.61	4.46	23.04	4.61	4.31	14.48	5.56	3.84	14.10	24.57	26.66	3.83	134.07
1933	Critical	9.31	9.11	4.61	4.61	4.16	24.04	3.88	10.55	11.05	21.67	3.84	3.83	110.66
1934	Critical	4.61	4.46	13.74	4.61	17.15	5.42	12.49	16.31	17.33	12.80	10.26	6.29	125.47
1935	Below Normal	8.42	4.46	4.61	4.61	4.30	4.10	4.96	5.12	11.29	44.73	39.34	24.49	160.43
1936	Below Normal	15.68	12.39	11.17	8.71	9.52	28.29	4.96	5.84	8.01	42.87	38.56	22.13	208.13
1937	Below Normal	20.48	12.39	28.28	8.71	7.86	8.71	4.96	5.12	37.46	41.58	38.95	5.38	219.88
1938	Wet	14.76	8.42	8.71	8.71	36.96	89.10	65.00	88.76	40.65	21.36	23.81	49.56	455.80
1939	Dry	20.48	12.39	25.34	8.71	8.22	8.71	13.33	16.29	14.59	47.05	28.85	15.73	219.69
1940	Above Normal	6.14	5.95	6.14	6.14	5.75	89.10	19.09	5.12	14.72	51.21	43.02	41.01	293.39
1941	Wet	18.77	12.39	8.71	8.71	68.71	58.61	18.83	43.66	15.33	39.01	14.92	49.56	357.21
1942	Wet	20.48	12.39	30.41	73.60	80.48	14.27	52.35	29.96	30.08	32.34	23.16	49.56	449.08
1943	Wet	20.48	12.39	8.71	76.72	34.68	82.32	20.91	5.12	9.80	49.58	40.81	49.56	411.08
1944	Dry	20.48	13.30	27.47	11.18	10.46	11.18	8.97	7.78	21.04	44.77	26.79	4.96	208.38
1945	Below Normal	8.71	8.42	8.71	8.71	7.86	8.71	4.96	5.38	7.90	44.73	38.56	23.77	176.42
1946	Below Normal	16.89	8.42	8.71	8.71	7.86	8.71	4.96	8.44	15.62	49.80	42.70	23.76	204.58
1947	Dry	17.49	8.42	8.71	8.71	7.86	8.71	4.96	11.12	14.78	44.88	25.64	26.78	188.06
1948	Below Normal	11.39	7.17	7.16	6.60	5.95	5.12	4.96	5.12	4.96	45.48	39.57	11.97	155.45
1949	Dry	10.09	8.42	8.71	8.71	7.86	8.71	6.84	6.21	19.18	45.61	20.93	25.45	176.72
1950	Below Normal	4.61	4.46	5.69	4.61	4.16	4.10	4.96	5.12	4.96	46.87	40.31	19.58	149.43
1951	Above Normal	10.86	8.42	59.53	59.83	50.17	23.64	4.96	9.10	17.11	51.21	42.21	39.36	376.40
1952	Wet	20.48	12.39	8.71	8.71	48.77	36.28	86.23	89.10	44.98	12.05	6.63	46.30	420.63
1953	Wet	20.48	12.39	25.24	89.10	7.86	32.01	22.57	16.94	27.57	49.86	31.52	47.26	382.80
1954	Above Normal	20.48	12.39	15.23	14.93	7.86	39.67	30.92	5.12	24.38	51.21	41.44	40.59	304.22
1955	Dry	16.16	8.42	8.71	8.71	7.86	8.71	8.16	5.57	11.78	43.06	22.99	5.34	155.47
1956	Wet	10.77	8.42	8.71	89.10	54.34	32.84	16.07	55.50	21.66	39.71	23.77	49.56	410.45
1957	Above Normal	20.48	12.39	35.32	8.71	17.71	17.27	4.96	5.12	4.96	49.54	38.34	39.98	254.78
1958	Wet	8.71	11.77	8.71	8.71	80.48	61.00	38.05	53.61	33.11	20.37	9.24	46.01	379.77
1959	Below Normal	20.48	12.39	31.65	8.71	31.93	11.91	9.35	6.11	20.16	50.45	40.40	25.04	268.58
1960	Dry	11.23	10.11	6.14	6.14	5.75	5.12	12.86	7.23	19.23	45.12	32.50	30.05	191.48
1961	Dry	6.14	5.95	7.06	6.14	5.55	5.30	6.05	6.28	12.99	44.89	18.57	3.83	128.75
1962	Below Normal	4.61	4.46	4.61	4.61	4.16	4.10	3.85	16.64	13.26	47.67	39.18	27.85	175.00
1963	Wet	6.14	5.95	6.14	6.14	71.63	42.54	65.00	16.18	13.80	50.34	38.17	46.72	368.75
1964	Dry	18.37	8.78	8.71	8.71	8.14	8.71	6.91	5.12	10.61	43.71	19.65	30.16	177.58
1965	Wet	12.86	8.42	13.99	89.10	22.52	27.41	38.73	17.97	10.88	48.09	27.30	49.56	366.83
1966	Below Normal	20.48	12.39	8.71	8.71	7.86	8.71	4.96	5.12	19.25	51.21	42.21	32.53	222.14
1967	Wet	14.53	8.42	8.71	8.71	7.86	62.21	10.71	47.30	42.08	7.26	7.95	49.04	274.78
1968	Below Normal	20.48	12.39	21.42	10.29	56.50	34.05	9.87	5.96	20.27	51.21	38.13	29.44	310.01
1969	Wet	9.79	8.42	8.71	53.45	57.71	33.06	37.46	65.67	18.54	19.27	14.01	49.56	375.65
1970	Wet	20.48	12.39	46.73	89.10	49.31	21.11	7.36	5.12	13.18	49.01	39.89	40.04	393.72
1971	Wet	20.48	13.49	11.38	11.38	10.28	27.47	19.10	44.00	27.94	48.66	36.05	49.56	319.79
1972	Below Normal	20.48	12.39	8.71	8.71	8.14	8.71	4.96	5.12	15.01	46.47	38.10	28.09	204.89
1973	Above Normal	8.71	8.42	8.71	8.71	36.36	31.30	4.96	13.42	20.36	44.72	27.67	33.12	246.46
1974	Wet	16.62	8.42	36.09	89.10	26.80	89.10	41.92	29.65	21.70	38.84	5.29	46.40	449.93
1975	Wet	20.48	12.39	9.76	8.71	26.73	66.14	4.96	42.97	30.48	42.79	11.04	48.18	324.63
1976	Critical	8.71	12.39	26.11	8.71	8.14	8.71	4.96	5.78	5.63	36.47	17.75	30.44	173.80
1977	Critical	15.13	5.95	6.14	6.14	5.55	5.12	4.40	4.96	12.44	7.60	7.58	7.38	88.39
1978	Above Normal	4.86	4.46	4.61	4.61	4.16	27.71	25.29	5.12	7.90	39.64	33.19	36.58	198.13
1979	Below Normal	20.48	12.39	30.16	6.14	5.55	5.12	4.96	5.12	24.73	43.95	33.59	21.79	213.98
1980	Above Normal	16.25	8.42	8.71	26.86	83.35	27.22	4.96	5.12	4.96	28.99	15.62	36.87	267.33
1981	Dry	20.48	12.39	15.65	8.71	7.86	8.71	4.96	5.12	21.48	44.92	27.69	19.34	197.31
1982	Wet	7.08	5.95	78.90	42.72	80.48	68.65	86.23	41.00	18.50	18.70	7.90	24.76	480.87
1983	Wet	14.95	43.07	56.25	64.97	80.48	89.10	43.40	60.79	57.89	14.65	7.49	25.01	558.05
1984	Wet	25.80	72.10	89.10	28.69	41.20	46.28	4.96	5.12	24.46	51.21	30.43	39.14	458.49
1985	Dry	20.48	8.42	8.71	8.71	7.86	8.71	4.96	14.93	18.05	45.56	19.97	25.78	192.14
1986	Wet	19.43	8.42	8.71	8.71	80.48	89.10	4.96	5.12	8.09	45.26	34.05	49.53	361.86
1987	Dry	20.48	12.39	30.00	8.71	7.86	8.71	4.96	10.88	16.56	8.98	5.12	4.96	139.61
1988	Critical	6.14	5.95	6.14	6.14	8.15	6.42	3.72	8.24	13.81	34.76	7.27	6.46	113.20
1989	Dry	4.61	4.46	4.61	4.61	5.52	4.10	3.72	12.39	19.39	40.73	23.58	23.83	151.55
1990	Critical	13.21	12.39	25.35	4.61	4.16	4.10	6.13	3.95	5.15	41.03	4.80	4.96	129.84
1991	Critical	4.94	4.46	6.52	4.61	4.16	4.10	3.72	3.84	16.90	38.26	9.06	6.79	107.36
1992	Critical	4.61	5.43	4.61	4.61	4.31	4.10	3.72	8.32	18.77	10.92	6.44	9.49	85.33
1993	Above Normal	5.23	4.46	4.61	4.61	4.16	44.09	17.80	39.81	22.18	47.29	40.17	41.22	275.63
1994	Critical	20.48	12.39	12.10	6.14	5.55	5.12	4.96	5.12	7.17	39.39	18.66	8.57	145.65
1995	Wet	10.00	5.95	6.14	6.14	34.18	89.10	63.90	89.10	54.36	12.17	11.75	22.26	405.05
1996	Wet	20.48	12.39	25.99	62.66	83.35	51.96	33.27	53.35	11.75	44.94	21.68	46.66	468.48
1997	Wet	20.48	12.39	71.00	89.10	47.60	27.11	4.96	5.12	11.72	46.05	22.18	47.02	404.73
1998	Wet	20.48	12.39	11.20	8.71	78.94	73.13	14.63	47.13	56.67	12.86	5.91	22.31	364.36
1999	Wet	26.95	41.87	30.90	71.12	76.67	58.12	4.96	5.12	8.66	45.87	18.51	26.09	414.84
2000	Above Normal	20.48	12.39	32.72	8.71	38.34	48.10	4.96	7.86	19.20	51.21	39.03	38.45	321.45
2001	Dry	20.48	12.39	32.23	8.71	7.86	8.71	4.96	10.63	17.27	25.50	5.12	4.96	158.82
2002	Dry	12.37	5.95	6.14	6.14	6.11	5.12	4.96	5.12	8.80	42.93	7.90	23.59	135.13
2003	Above Normal	9.06	9.94	8.71	8.71	7.86	8.71	4.96	24.43	10.31	51.21	38.54	41.97	224.41
	Average	14.27	10.74	17.63	19.34	24.23	26.94	15.10	18.77	18.61	38.48	24.70	28.26	257.06
	Wet	16.41	14.90	24.96	42.56	50.06	54.01	31.93	37.85	25.54	34.95	21.35	43.03	397.56
	Above Normal	13.63	9.34	17.91	14.10	24.15	35.25	11.19	17.61	16.93	46.68	35.71	39.37	281.88
	Below Normal	15.26	9.75	14.22	7.61	12.72	10.66	5.55	6.38	14.85	46.38	39.06	22.47	204.90
	Dry	13.53	8.40	14.16	7.28	7.55	7.79	6.30	8.43	16.72	40.27	21.22	17.29	168.93
	Critical	10.26	7.82	10.64	6.02	6.79	7.68	6.88	8.54	12.50	25.99	9.44	8.34	120.88

Energy generated (GWh) at Thermalito Dam: Alternative1_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	20.48	12.39	16.56	8.71	13.03	24.48	6.51	86.00	32.47	42.67	27.73	44.33	335.36
1923	Below Normal	20.48	12.39	19.50	8.71	16.43	9.06	4.96	5.12	4.96	42.22	37.20	18.75	199.78
1924	Critical	9.06	8.42	9.02	8.71	8.14	12.26	9.88	12.14	14.77	35.56	10.94	6.48	145.38
1925	Dry	4.61	4.46	4.71	4.61	4.16	4.10	3.72	3.84	13.64	42.14	20.19	25.70	135.88
1926	Dry	10.38	6.03	8.68	4.61	4.16	7.61	3.72	15.51	24.58	45.25	22.65	13.46	166.64
1927	Wet	4.61	4.46	21.22	4.61	13.18	36.29	23.76	20.76	10.18	48.54	41.73	49.56	278.90
1928	Above Normal	20.48	12.39	14.09	8.71	21.09	41.73	4.96	5.12	24.57	51.21	41.61	39.00	284.96
1929	Critical	20.48	8.42	8.71	8.71	7.86	8.71	9.41	11.38	12.97	7.15	4.95	3.83	112.58
1930	Dry	4.61	4.46	20.34	4.61	18.45	4.10	3.72	3.84	22.94	45.26	27.18	23.35	182.86
1931	Critical	6.40	4.46	4.61	4.61	4.16	4.10	15.23	11.83	13.98	26.28	11.68	5.55	112.89
1932	Dry	4.61	4.46	23.04	4.61	4.31	15.00	5.56	3.84	14.10	24.58	26.67	3.83	134.61
1933	Critical	9.33	9.15	4.61	4.61	4.16	24.04	3.88	10.55	11.05	21.62	3.84	3.83	110.67
1934	Critical	4.61	4.46	13.74	4.61	17.15	5.23	12.50	16.31	17.33	12.82	10.32	6.29	125.37
1935	Below Normal	8.40	4.46	4.61	4.61	4.30	4.10	4.96	5.12	11.29	44.73	39.34	24.50	160.42
1936	Below Normal	15.46	12.39	10.77	8.71	10.04	28.30	4.96	5.84	8.01	42.87	38.57	22.13	208.05
1937	Below Normal	20.48	12.39	28.32	8.71	7.86	8.71	4.96	5.12	37.82	41.59	38.96	5.38	220.30
1938	Wet	14.35	8.42	8.71	8.71	36.97	89.10	65.00	88.76	40.65	21.36	23.81	49.56	455.40
1939	Dry	20.48	12.39	25.31	8.71	7.98	8.71	16.48	16.22	14.56	46.95	28.92	13.15	219.86
1940	Above Normal	6.14	5.95	6.14	6.14	5.75	89.10	19.09	5.12	14.72	51.21	43.04	41.02	293.42
1941	Wet	18.79	12.39	8.71	8.71	68.66	58.61	18.83	43.66	15.33	38.76	14.92	49.56	356.93
1942	Wet	20.48	12.39	30.41	73.60	80.48	14.27	52.35	29.96	30.08	32.34	23.18	49.56	449.10
1943	Wet	20.48	12.39	8.71	76.70	34.68	82.33	20.91	5.12	9.81	50.42	40.80	49.56	411.91
1944	Dry	20.48	13.30	27.46	11.19	10.46	11.19	8.97	7.78	20.45	44.72	27.14	4.96	208.10
1945	Below Normal	8.71	8.42	8.71	8.71	7.86	8.71	4.96	5.38	7.90	44.76	38.56	23.76	176.44
1946	Below Normal	16.92	8.42	8.71	8.71	7.86	8.71	4.96	7.89	16.49	49.67	42.92	23.78	205.04
1947	Dry	17.01	8.42	8.71	8.71	7.86	8.71	4.96	11.13	14.79	44.89	25.49	26.88	187.56
1948	Below Normal	10.93	7.17	7.16	6.60	6.06	5.12	4.96	5.12	4.96	45.48	39.57	11.96	155.09
1949	Dry	10.11	8.42	8.71	8.71	7.86	8.71	6.84	6.21	19.18	45.62	20.91	25.35	176.63
1950	Below Normal	4.61	4.46	5.70	4.61	4.16	4.10	4.96	5.12	4.96	46.87	40.31	19.58	149.44
1951	Above Normal	10.86	8.42	59.53	59.83	50.17	23.64	4.96	9.10	17.12	51.21	42.22	39.54	376.60
1952	Wet	20.48	12.39	8.71	8.71	48.58	36.28	86.23	89.10	45.03	12.11	6.63	46.32	420.57
1953	Wet	20.48	12.39	25.61	89.10	7.86	31.58	22.56	16.91	27.53	49.85	31.59	47.25	382.71
1954	Above Normal	20.48	12.39	16.72	14.93	7.86	37.78	30.92	5.12	24.38	51.21	41.44	40.59	303.82
1955	Dry	15.81	8.42	8.71	8.71	7.86	8.71	8.16	5.57	11.78	43.06	23.19	6.68	156.66
1956	Wet	9.48	8.42	8.71	89.10	54.34	33.10	16.07	55.50	21.66	39.71	23.77	49.56	409.42
1957	Above Normal	20.48	12.39	35.33	8.71	17.71	17.27	4.96	5.12	4.96	49.54	38.35	39.99	254.81
1958	Wet	8.71	11.84	8.71	8.71	80.48	61.00	38.05	53.61	33.11	20.39	9.25	45.94	379.80
1959	Below Normal	20.48	12.39	31.85	8.71	31.77	11.91	9.36	6.11	20.17	50.46	40.41	25.55	269.17
1960	Dry	11.24	10.04	6.14	6.14	5.75	5.12	12.87	7.23	19.23	45.12	32.55	29.44	190.87
1961	Dry	6.14	5.95	7.06	6.14	5.55	5.30	6.05	6.28	12.99	44.82	18.60	3.83	128.71
1962	Below Normal	4.61	4.46	4.61	4.61	4.16	4.10	3.85	16.64	13.26	47.67	39.18	27.86	175.01
1963	Wet	6.14	5.95	6.14	6.14	71.65	42.54	64.95	16.18	13.80	50.34	38.18	46.73	368.74
1964	Dry	18.38	8.78	8.71	8.71	8.14	8.71	6.91	5.12	10.61	43.72	19.65	30.17	177.61
1965	Wet	12.83	8.42	13.99	89.10	22.52	27.00	38.73	17.97	10.88	48.06	27.30	49.56	366.36
1966	Below Normal	20.48	12.39	8.71	8.71	7.86	8.71	4.96	5.12	19.26	51.21	42.22	32.53	222.16
1967	Wet	14.54	8.42	8.71	8.71	7.86	62.22	10.71	47.30	42.08	7.26	7.96	49.23	275.00
1968	Below Normal	20.48	12.39	21.85	9.65	56.50	34.05	9.87	5.96	20.28	51.21	38.13	29.44	309.81
1969	Wet	9.85	8.42	8.71	53.38	57.71	33.06	37.46	65.67	18.54	20.33	13.67	49.56	376.36
1970	Wet	20.48	12.39	46.02	89.10	49.32	21.11	7.36	5.12	13.19	49.01	39.89	41.52	394.51
1971	Wet	20.48	13.49	11.38	11.38	10.28	26.02	19.10	44.00	27.94	48.65	36.03	49.56	318.31
1972	Below Normal	20.48	12.39	8.71	8.71	8.14	8.71	4.96	5.12	15.01	46.47	38.10	28.10	204.90
1973	Above Normal	8.71	8.42	8.71	8.71	36.35	31.30	4.96	13.42	20.36	44.71	27.67	33.12	246.44
1974	Wet	16.66	8.42	36.05	89.10	26.80	89.10	41.92	29.65	21.70	38.86	5.29	46.41	449.96
1975	Wet	20.48	12.39	9.75	8.71	26.74	66.14	4.96	42.97	30.48	42.79	11.05	48.18	324.64
1976	Critical	8.71	12.39	26.12	8.71	8.14	8.71	4.96	5.78	5.63	36.54	17.75	30.44	173.88
1977	Critical	15.06	5.95	6.14	6.14	5.55	5.12	4.40	4.96	12.44	7.60	7.58	7.38	88.32
1978	Above Normal	4.86	4.46	4.61	4.61	4.16	27.71	25.30	5.12	7.92	39.66	33.22	36.61	198.24
1979	Below Normal	20.48	12.39	22.26	6.14	5.55	5.12	4.96	5.12	24.63	43.79	33.60	21.80	205.84
1980	Above Normal	15.21	8.42	8.71	36.14	83.35	27.22	4.96	5.12	4.96	28.89	15.51	31.28	269.77
1981	Dry	20.48	12.39	15.57	8.71	7.86	11.40	4.96	5.12	21.45	44.53	28.97	19.44	200.88
1982	Wet	7.41	5.95	80.86	42.72	80.48	68.65	86.23	41.00	18.50	18.71	7.90	24.78	483.19
1983	Wet	14.91	43.07	56.25	64.97	80.48	89.10	43.40	60.79	57.89	14.65	7.49	25.04	558.04
1984	Wet	25.80	72.10	89.10	28.69	41.20	46.28	4.96	5.12	24.46	51.21	30.43	39.14	458.49
1985	Dry	20.48	8.42	8.71	8.71	7.86	8.71	4.96	14.93	18.05	45.56	19.97	25.79	192.15
1986	Wet	19.43	8.42	8.71	8.71	80.48	89.10	4.96	5.12	8.09	45.26	34.05	49.53	361.86
1987	Dry	20.48	12.39	30.02	8.71	7.86	8.71	4.96	10.87	16.82	8.98	5.12	4.96	139.88
1988	Critical	6.14	5.95	6.14	6.14	8.15	6.43	3.72	8.24	13.81	34.47	7.27	6.46	112.92
1989	Dry	4.61	4.46	4.61	4.61	5.52	4.10	3.72	12.38	19.39	40.73	23.18	23.16	150.47
1990	Critical	13.26	12.39	25.36	4.61	4.16	4.10	6.14	3.95	5.16	41.03	5.71	4.97	130.84
1991	Critical	4.94	4.46	6.52	4.61	4.16	4.10	3.72	3.84	16.90	38.31	9.00	6.79	107.35
1992	Critical	4.61	5.33	4.61	4.61	4.31	4.10	3.72	8.32	16.24	13.45	6.39	9.49	85.18
1993	Above Normal	5.23	4.46	4.61	4.61	4.16	44.14	17.80	39.81	22.18	47.27	40.15	41.22	275.64
1994	Critical	20.48	12.39	12.42	6.14	5.55	5.12	4.96	5.12	7.17	39.32	18.60	8.57	145.84
1995	Wet	10.00	5.95	6.14	6.14	34.03	89.10	63.90	89.10	54.36	12.17	11.75	22.29	404.93
1996	Wet	20.48	12.39	25.96	62.66	83.35	51.96	33.27	53.35	11.75	44.52	21.85	46.60	468.14
1997	Wet	20.48	12.39	70.98	89.10	47.60	27.23	4.96	5.12	10.91	46.32	22.18	47.02	404.29
1998	Wet	20.48	12.39	11.21	8.71	79.47	73.13	14.63	47.13	55.33	12.87	6.96	23.07	365.38
1999	Wet	26.96	41.87	30.90	71.12	76.67	58.12	4.96	5.12	8.66	45.86	18.50	26.08	414.82
2000	Above Normal	20.48	12.39	32.72	8.71	38.36	48.10	4.96	7.86	19.20	51.21	39.03	38.46	321.48
2001	Dry	20.48	12.39	31.76	8.71	7.86	8.71	4.96	10.63	17.27	25.96	5.12	4.96	158.81
2002	Dry	12.37	5.95	6.14	6.14	6.10	5.12	4.96	5.12	8.80	42.93	7.70	23.79	135.12
2003	Above Normal	9.06	9.94	8.71	8.71	7.86	8.71	4.96	24.43	10.31	51.21	38.54	41.97	224.41
	Average	14.23	10.74	17.57	19.44	24.24	26.92	15.14	18.76	18.56	38.52	24.74	28.20	257.06
	Wet	16.36	14.90	25.01	42.55	50.07	53.94	31.93	37.85	25.46	35.01	21.39	43.12	397.61
	Above Normal	13.54	9.34	18.04	14.88	24.15	35.10	11.20	17.61	16.93	46.67	35.71	38.93	282.08
	Below Normal	15.21	9.75	13.68	7.56	12.75	10.67	5.55	6.34	14.93	46.36	39.08	22.51	204.39
	Dry	13.49	8.40	14.13	7.28	7.53	7.93	6.47	8.42	16.70	40.27	21.29	17.16	169.07
	Critical	10.26	7.81	10.67	6.02	6.79	7.67	6.88	8.54	12.29	26.18	9.50	8.34	120.94

Difference in Energy generated (GWh) at Thermalito Dam: Alternative1_2020 minus CONV_NA

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	0.04	0.18	0.00	0.00	0.00	(0.01)	0.00	(0.07)	0.01
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	0.01	0.03	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.02	0.01	0.00
1926	Dry	0.02	0.01	0.00	0.00	0.00	(0.69)	0.00	0.00	0.03	0.00	0.07	(0.13)	(0.06)
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1928	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
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	(0.04)	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.00	0.01	0.01	0.00	0.04
1933	Critical	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	(0.19)	0.01	0.00	0.00	0.02	0.06	0.00	(0.01)
1935	Below Normal	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1936	Below Normal	(0.22)	0.00	(0.40)	0.00	0.52	0.01	0.00	0.00	0.00	0.00	0.01	0.00	(0.01)
1937	Below Normal	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.36	0.01	0.01	0.00	0.04
1938	Wet	(0.41)	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1939	Dry	0.00	0.00	(0.03)	0.00	(0.24)	0.00	3.15	(0.07)	(0.03)	(0.10)	0.07	(2.58)	0.01
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00
1941	Wet	0.02	0.00	0.00	0.00	(0.05)	0.00	0.00	0.00	0.00	(0.25)	0.00	0.00	(0.02)
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
1943	Wet	0.00	0.00	0.00	(0.02)	0.00	0.01	0.00	0.00	0.01	0.84	(0.01)	0.00	0.07
1944	Dry	0.00	0.00	(0.01)	0.01	0.00	0.01	0.00	0.00	(0.59)	(0.05)	0.35	0.00	(0.02)
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	(0.01)	0.00
1946	Below Normal	0.03	0.00	0.00	0.00	0.00	0.00	0.00	(0.55)	0.87	(0.13)	0.22	0.02	0.04
1947	Dry	(0.48)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	(0.15)	0.10	(0.04)
1948	Below Normal	(0.46)	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.03)
1949	Dry	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.02)	(0.10)	(0.01)
1950	Below Normal	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.18	0.02
1952	Wet	0.00	0.00	0.00	0.00	(0.19)	0.00	0.00	0.00	0.05	0.06	0.00	0.02	0.00
1953	Wet	0.00	0.00	0.37	0.00	0.00	(0.43)	(0.01)	(0.03)	(0.04)	(0.01)	0.07	(0.01)	(0.01)
1954	Above Normal	0.00	0.00	1.49	0.00	0.00	(1.89)	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1955	Dry	(0.35)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	1.34	0.10
1956	Wet	(1.29)	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)
1957	Above Normal	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00
1958	Wet	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	(0.07)	0.00
1959	Below Normal	0.00	0.00	0.20	0.00	(0.16)	0.00	0.01	0.00	0.01	0.01	0.01	0.51	0.05
1960	Dry	0.01	(0.07)	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.05	(0.61)	(0.05)
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	0.03	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	0.01	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.02	0.00	(0.05)	0.00	0.00	0.00	0.01	0.01	0.00
1964	Dry	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00
1965	Wet	(0.03)	0.00	0.00	0.00	0.00	(0.41)	0.00	0.00	0.00	(0.03)	0.00	0.00	(0.04)
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00
1967	Wet	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.19	0.02
1968	Below Normal	0.00	0.00	0.43	(0.64)	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	(0.02)
1969	Wet	0.06	0.00	0.00	(0.07)	0.00	0.00	0.00	0.00	0.00	1.06	(0.34)	0.00	0.06
1970	Wet	0.00	0.00	(0.71)	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	1.48	0.07
1971	Wet	0.00	0.00	0.00	0.00	0.00	(1.45)	0.00	0.00	0.00	(0.01)	(0.02)	0.00	(0.12)
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	0.01	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1974	Wet	0.04	0.00	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.01	0.00
1975	Wet	0.00	0.00	(0.01)	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1976	Critical	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.01
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	0.00	0.01	0.00	0.02	0.02	0.03	0.03	0.01
1979	Below Normal	0.00	0.00	(7.90)	0.00	0.00	0.00	0.00	0.00	(0.10)	(0.16)	0.01	0.01	(0.68)
1980	Above Normal	(1.04)	0.00	0.00	9.28	0.00	0.00	0.00	0.00	0.00	(0.10)	(0.11)	(5.59)	0.20
1981	Dry	0.00	0.00	(0.08)	0.00	0.00	2.69	0.00	0.00	(0.03)	(0.39)	1.28	0.10	0.30
1982	Wet	0.33	0.00	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.19
1983	Wet	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.02	0.00	0.00	0.00	0.00	(0.01)	0.26	0.00	0.00	0.00	0.02
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	(0.29)	0.00	0.00	(0.02)
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.40)	(0.67)	(0.09)
1990	Critical	0.05	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.91	0.01	0.08
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	(0.06)	0.00	0.00
1992	Critical	0.00	(0.10)	0.00	0.00	0.00	0.00	0.00	0.00	(2.53)	2.53	(0.05)	0.00	(0.01)
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	(0.02)	(0.02)	0.00	0.00
1994	Critical	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.06)	0.00	0.02
1995	Wet	0.00	0.00	0.00	0.00	(0.15)	0.00	0.00	0.00	0.00	0.00	0.00	0.03	(0.01)
1996	Wet	0.00	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	(0.42)	0.17	(0.06)	(0.03)
1997	Wet	0.00	0.00	(0.02)	0.00	0.00	0.12	0.00	0.00	(0.81)	0.27	0.00	0.00	(0.04)
1998	Wet	0.00	0.00	0.01	0.00	0.53	0.00	0.00	0.00	(1.34)	0.01	1.05	0.76	0.09
1999	Wet	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
2001	Dry	0.00	0.00	(0.47)	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.20)	0.20	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	(0.05)	(0.00)	(0.06)	0.10	0.01	(0.01)	0.04	(0.01)	(0.05)	0.04	0.04	(0.06)	(0.00)
	Wet	(0.05)	0.00	0.06	(0.00)	0.01	(0.07)	(0.00)	(0.00)	(0.08)	0.06	0.04	0.09	0.00
	Above Normal	(0.09)	0.00	0.13	0.77	0.00	(0.15)	0.00	0.00	0.00	(0.01)	(0.01)	(0.44)	0.02
	Below Normal	(0.05)	0.00	(0.54)	(0.05)	0.04	0.01	0.00	(0.04)	0.08	(0.02)	0.02	0.03	(0.04)
	Dry	(0.04)	(0.00)	(0.03)	0.00	(0.01)	0.14	0.18	(0.00)	(0.02)	(0.01)	0.07	(0.13)	0.01
	Critical	(0.00)	(0.00)	0.03	0.00	0.00	(0.02)	0.00	(0.00)	(0.21)	0.19	0.07	0.00	0.01

Percent Difference in Energy generated (GWh) at Thermalito Dam: Alternative1_2020 minus CONV_NA

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%	2%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	-8%	0%	0%	0%	0%	0%	-1%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	4%	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%	-4%	0%	0%	0%	0%	1%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	-1%	0%	-4%	0%	5%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1938	Wet	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	-3%	0%	24%	0%	0%	0%	0%	-16%
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%	-1%	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%	2%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	1%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	-7%	6%	0%	1%	0%
1947	Dry	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1948	Below Normal	-4%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	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%	1%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	10%	0%	0%	-5%	0%	0%	0%	0%	0%	0%
1955	Dry	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	25%
1956	Wet	-12%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	1%	0%	-1%	0%	0%	0%	0%	0%	0%	2%
1960	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
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%	-1%	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%	2%	-6%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	6%	-2%	0%
1970	Wet	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	4%
1971	Wet	0%	0%	0%	0%	0%	-5%	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%	-26%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-6%	0%	0%	35%	0%	0%	0%	0%	0%	0%	-1%	-15%
1981	Dry	0%	0%	-1%	0%	0%	31%	0%	0%	0%	-1%	5%	1%
1982	Wet	5%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	-3%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	19%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1992	Critical	0%	-2%	0%	0%	0%	0%	0%	0%	-13%	23%	-1%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	3%	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%	-1%	1%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-7%	1%	0%	0%
1998	Wet	0%	0%	0%	0%	1%	0%	0%	0%	-2%	0%	18%	3%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	2%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
	Above Normal	-1%	0%	1%	3%	0%	0%	0%	0%	0%	0%	0%	-1%
	Below Normal	0%	0%	-2%	0%	1%	0%	0%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-1%	2%	1%	0%

Energy generated (GWh) at Warne: CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	55.10	46.70	30.94	5.84	29.63	36.82	36.37	35.58	32.92	34.60	34.10	32.38	410.98
1923	Below Normal	25.87	23.80	21.28	35.55	42.87	37.10	36.18	36.00	33.95	39.72	37.06	31.38	400.76
1924	Critical	22.90	20.97	14.26	9.59	9.12	13.20	18.25	17.57	16.31	19.46	14.77	10.83	187.23
1925	Dry	0.87	0.48	0.14	1.38	6.16	29.37	32.52	41.45	39.94	47.65	43.77	35.79	279.52
1926	Dry	26.20	24.06	15.17	6.09	7.14	17.23	23.16	34.56	32.93	39.20	35.99	29.42	291.15
1927	Wet	20.48	18.61	11.01	4.67	18.31	40.42	38.14	37.61	34.80	35.85	35.72	34.58	330.20
1928	Above Normal	28.43	26.22	24.38	19.97	25.01	23.91	43.07	42.40	39.44	40.56	40.48	39.20	393.07
1929	Critical	33.06	30.69	28.85	19.13	17.38	14.62	17.18	19.01	17.83	21.41	16.21	2.97	238.34
1930	Dry	6.16	5.90	2.56	5.94	6.94	12.48	27.76	27.25	26.24	31.14	25.59	19.68	197.64
1931	Critical	9.00	7.12	2.34	5.88	6.80	13.13	21.46	20.76	19.69	23.76	17.86	13.01	160.81
1932	Dry	2.18	0.54	0.17	4.80	7.37	46.55	23.22	31.56	29.86	35.56	32.31	26.27	240.39
1933	Critical	17.22	15.48	8.58	5.92	49.77	13.08	16.49	27.66	26.44	31.60	26.37	20.45	259.06
1934	Critical	10.08	8.15	3.15	6.05	6.43	13.72	24.07	23.55	22.77	27.32	20.65	1.44	167.38
1935	Below Normal	13.54	10.16	4.94	6.12	8.32	17.47	41.67	41.30	39.07	42.40	41.04	37.47	303.50
1936	Below Normal	30.20	27.94	23.73	14.92	17.60	55.10	32.50	41.24	38.35	39.51	39.37	38.11	398.57
1937	Below Normal	31.96	29.61	27.76	20.34	49.77	55.10	40.97	49.29	46.32	47.66	47.52	46.06	492.36
1938	Wet	39.94	37.22	35.46	24.02	49.77	55.10	51.47	50.96	48.14	49.41	49.26	47.82	538.57
1939	Dry	41.63	38.78	37.01	27.01	29.77	28.56	41.66	41.90	15.01	55.10	35.14	52.47	444.04
1940	Above Normal	17.90	15.26	55.10	5.84	6.25	20.94	40.48	41.79	40.34	50.71	47.26	38.60	380.47
1941	Wet	28.80	26.45	17.06	9.89	31.20	39.57	41.85	41.32	38.39	39.61	39.46	38.24	391.84
1942	Wet	32.07	29.70	27.89	37.73	48.37	47.00	35.77	35.24	33.11	37.35	35.47	31.27	430.97
1943	Wet	23.60	21.62	16.47	26.03	38.72	39.78	45.88	45.35	42.31	43.64	43.54	42.27	429.21
1944	Dry	36.08	0.29	55.10	16.15	14.56	16.34	29.06	28.82	27.35	32.65	27.67	21.67	305.74
1945	Below Normal	11.37	9.45	4.18	9.58	8.15	55.10	32.33	40.09	37.29	38.43	38.25	37.05	321.27
1946	Below Normal	30.91	28.58	26.75	38.32	49.77	51.02	34.63	33.46	30.79	32.59	32.06	30.28	419.16
1947	Dry	23.70	21.75	19.07	17.45	20.69	22.04	42.95	42.22	39.27	40.28	40.23	39.01	368.66
1948	Below Normal	32.87	30.49	28.66	19.19	17.44	14.42	21.25	34.25	1.56	52.84	48.56	39.72	341.25
1949	Dry	29.81	27.28	17.62	9.31	8.02	15.33	42.56	42.65	40.99	47.71	44.40	42.83	368.51
1950	Below Normal	33.54	31.89	39.68	7.08	6.44	13.27	37.63	37.61	1.52	51.17	46.97	38.39	345.19
1951	Above Normal	28.59	26.24	16.92	55.10	49.77	55.10	27.91	36.96	34.17	35.14	35.05	33.97	434.92
1952	Wet	27.75	25.58	23.70	37.20	51.55	55.10	43.30	46.83	43.73	45.16	45.04	43.70	488.64
1953	Wet	37.55	34.86	33.06	40.69	35.47	29.31	35.01	35.74	25.56	45.86	42.09	34.47	429.67
1954	Above Normal	25.02	22.81	14.18	7.87	20.26	22.19	39.19	39.90	38.16	46.36	43.05	35.23	354.22
1955	Dry	25.70	23.57	14.75	5.89	7.24	19.47	35.87	35.93	34.16	40.79	37.61	30.75	311.73
1956	Wet	21.65	19.74	11.92	30.56	51.55	55.10	33.38	41.37	38.56	39.65	39.53	38.36	421.37
1957	Above Normal	32.13	29.74	27.88	25.54	25.53	32.29	40.35	41.22	39.81	50.53	46.75	38.24	430.01
1958	Wet	28.42	26.12	16.72	2.08	34.79	40.13	51.35	51.12	48.12	49.47	49.43	47.94	445.69
1959	Below Normal	41.82	31.34	55.10	20.36	20.20	24.15	35.35	34.99	1.65	47.45	43.54	35.60	391.55
1960	Dry	26.06	23.87	15.04	5.85	5.60	14.70	43.01	43.28	41.78	51.39	47.75	43.94	362.27
1961	Dry	34.55	31.91	23.05	8.56	8.97	13.08	36.41	36.25	34.75	41.37	38.01	33.78	340.69
1962	Below Normal	0.52	47.19	51.41	6.11	5.74	19.46	38.35	38.80	1.58	52.99	48.69	39.82	350.66
1963	Wet	29.84	27.46	17.79	20.64	31.19	34.49	35.01	34.26	31.72	34.32	33.40	30.80	360.92
1964	Dry	23.87	21.89	18.29	16.84	45.76	36.31	37.18	36.46	34.00	36.61	35.64	33.01	375.86
1965	Wet	26.17	24.03	20.63	24.83	42.40	41.41	35.94	35.28	32.77	38.22	36.95	33.67	392.30
1966	Below Normal	26.58	24.45	20.34	31.11	39.18	33.77	36.42	36.07	34.10	39.50	37.01	31.44	389.97
1967	Wet	23.08	21.13	14.59	6.83	41.76	44.34	50.64	50.66	47.69	49.14	49.02	47.54	446.42
1968	Below Normal	41.36	38.49	36.66	20.85	25.68	25.96	36.06	35.91	1.70	48.71	44.68	36.55	392.61
1969	Wet	26.89	24.67	15.62	19.11	49.77	55.10	43.57	46.09	46.00	47.36	47.24	45.83	467.25
1970	Wet	39.60	36.84	35.07	43.97	49.77	55.10	36.49	36.39	33.62	34.64	34.46	33.36	469.31
1971	Wet	27.17	25.00	23.14	37.04	46.88	41.03	36.40	36.10	34.18	39.51	37.02	31.66	415.13
1972	Below Normal	23.37	21.44	15.12	11.82	33.29	33.71	37.88	37.85	36.12	42.41	39.32	32.83	365.16
1973	Above Normal	23.98	21.98	14.47	4.73	41.55	42.64	29.87	38.78	36.02	36.93	36.82	35.65	363.42
1974	Wet	29.48	27.20	25.36	38.76	49.77	55.10	51.31	39.29	36.57	37.55	37.43	36.29	464.11
1975	Wet	30.09	27.74	25.86	30.95	29.32	45.81	38.96	38.27	35.50	36.43	36.32	35.20	410.45
1976	Critical	29.00	26.78	24.94	21.29	22.28	24.94	39.86	40.23	38.62	47.81	43.86	39.62	399.23
1977	Critical	29.78	27.28	17.66	5.97	5.74	10.04	14.56	4.17	0.00	3.71	1.81	1.45	122.17
1978	Above Normal	0.56	23.88	33.84	5.83	7.42	36.49	39.56	38.84	36.36	38.95	37.96	35.22	334.91
1979	Below Normal	28.43	26.17	22.72	19.14	18.18	45.66	40.05	39.50	36.72	37.66	37.54	36.38	388.15
1980	Above Normal	30.23	27.92	26.16	44.46	51.55	55.10	42.18	50.42	47.46	48.91	48.78	47.34	520.51
1981	Dry	41.20	38.31	44.61	20.92	21.14	23.01	36.82	37.76	1.81	51.39	47.20	38.59	402.76
1982	Wet	28.69	26.38	16.99	17.88	32.17	40.16	50.29	49.98	47.04	48.36	48.21	46.76	452.91
1983	Wet	40.60	37.77	35.95	46.82	44.69	55.10	42.63	45.21	45.17	46.38	46.39	45.03	531.74
1984	Wet	44.57	41.80	55.10	41.89	51.55	55.10	27.43	36.85	33.93	35.10	34.96	33.88	492.16
1985	Dry	27.63	25.49	42.51	18.98	36.19	32.50	36.34	36.30	33.65	34.57	34.41	33.32	391.89
1986	Wet	27.15	25.01	23.09	19.31	33.22	55.10	42.58	50.92	48.02	49.26	49.25	47.76	470.67
1987	Dry	41.72	29.27	55.10	16.33	14.71	13.02	17.74	16.55	15.19	17.98	13.76	10.10	261.47
1988	Critical	0.62	0.46	0.16	0.68	7.54	10.28	14.77	13.77	12.10	14.62	11.15	8.22	94.37
1989	Dry	0.60	0.43	0.16	0.09	7.64	12.49	42.48	41.92	39.60	43.46	41.84	38.54	269.25
1990	Critical	31.14	28.81	24.14	14.14	13.30	14.33	19.50	18.48	17.35	20.79	15.70	11.50	229.18
1991	Critical	1.32	0.48	0.11	1.89	5.77	10.03	15.01	13.67	12.05	14.49	11.05	8.19	94.06
1992	Critical	0.62	0.42	0.17	0.09	3.31	10.20	18.32	17.28	15.89	18.96	14.44	10.75	110.45
1993	Above Normal	0.87	0.50	0.15	5.44	31.24	35.82	37.32	36.99	23.23	44.12	41.93	36.92	294.53
1994	Critical	28.89	26.54	20.67	13.90	14.19	23.73	40.01	40.20	38.63	49.30	12.36	47.89	356.31
1995	Wet	0.51	53.33	55.10	6.03	23.83	26.11	47.43	46.95	44.02	45.28	45.25	43.87	437.71
1996	Wet	37.73	35.07	53.03	14.72	17.26	35.76	37.38	36.37	33.55	34.57	34.47	33.34	403.25
1997	Wet	27.17	25.06	23.23	35.97	49.44	55.10	42.06	42.09	39.13	40.26	40.20	39.00	458.71
1998	Wet	32.78	30.37	28.50	25.45	48.13	53.61	40.68	38.85	35.96	37.21	37.16	35.96	444.66
1999	Wet	29.75	38.96	35.40	38.58	49.77	48.85	27.58	36.59	33.72	34.94	34.89	33.76	442.79
2000	Above Normal	27.54	25.40	23.48	23.52	38.85	35.00	38.69	38.28	36.03	40.44	38.65	34.37	400.25
2001	Dry	26.67	24.58	19.44	12.72	12.16	15.28	24.55	24.19	23.35	28.09	21.63	15.98	248.64
2002	Dry	4.55	2.70	0.12	2.35	7.41	19.34	41.20	40.41	37.47	38.74	38.69	41.18	274.16
2003	Above Normal	17.42	27.33	55.10	3.45	8.63	20.01	35.73	35.65	1.35	48.46	44.58	36.43	334.14
	Average	25.05	24.11	23.46	17.69	26.32	32.38	35.23	36.52	31.00	39.15	36.43	33.29	360.62
	Wet	29.29	29.53	26.84	26.22	40.41	46.11	40.87	41.76	38.90	41.33	40.85	38.94	441.03
	Above Normal	23.98	24.50	26.88	17.30	27.97	34.69	37.56	39.73	33.77	42.98	41.28	36.96	387.62
	Below Normal	26.60	27.21	27.02	18.61	24.47	34.38	35.81	38.31	24.34	43.79	41.54	36.51	378.58
	Dry	23.29	18.95	21.11	10.93	14.86	21.51	34.14	35.53	30.41	39.65	35.65	32.57	318.58
	Critical	17.80	16.10	12.09	8.71	13.47	14.28	21.62	21.36	19.81	24.44	17.19	14.69	201.55

Energy generated (GWh) at Warne: Alternative1_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	55.10	46.70	30.94	5.84	29.63	36.82	36.37	35.58	35.34	37.02	36.52	34.80	420.66
1923	Below Normal	28.29	26.22	23.69	35.74	42.82	36.89	36.21	36.04	36.41	42.21	39.54	33.81	417.87
1924	Critical	25.31	23.38	16.63	11.92	9.05	13.18	18.25	17.58	16.32	19.47	14.78	10.83	196.70
1925	Dry	0.88	0.48	0.14	1.39	6.16	29.01	32.54	41.47	40.47	48.18	44.30	36.32	281.34
1926	Dry	26.72	24.58	15.69	6.59	7.13	17.22	23.13	34.54	32.91	39.17	35.97	29.40	293.05
1927	Wet	20.46	18.59	10.99	4.68	18.29	40.42	38.14	37.61	37.22	38.26	38.13	36.99	339.78
1928	Above Normal	30.85	28.64	26.79	22.39	24.98	23.91	43.07	42.40	40.45	41.57	41.48	40.20	406.73
1929	Critical	34.07	31.70	29.85	20.14	17.38	14.61	17.17	19.00	17.82	21.39	16.20	2.13	241.46
1930	Dry	6.11	5.68	2.45	5.94	6.94	12.48	27.76	27.25	26.24	31.14	25.59	19.68	197.26
1931	Critical	9.00	7.12	2.34	5.88	6.80	13.13	21.46	20.75	19.68	23.75	17.85	13.01	160.77
1932	Dry	2.18	0.53	0.17	4.79	7.37	48.12	23.22	31.56	32.27	37.98	34.73	28.69	251.61
1933	Critical	19.64	17.89	10.96	8.33	49.77	13.08	16.49	27.66	26.44	31.60	26.36	20.45	268.67
1934	Critical	10.08	8.15	3.15	6.05	6.43	13.72	24.05	23.53	22.75	27.30	20.62	1.44	167.27
1935	Below Normal	13.50	10.12	4.91	6.13	8.35	17.37	41.73	41.40	41.26	44.80	43.33	39.55	312.45
1936	Below Normal	32.18	29.92	25.50	16.66	17.21	55.10	32.51	41.25	40.77	41.94	41.79	40.53	415.36
1937	Below Normal	34.39	32.03	30.18	20.33	49.03	37.54	40.97	49.29	48.74	50.08	49.94	48.47	490.99
1938	Wet	42.36	39.63	35.46	23.75	49.77	55.10	52.90	51.25	48.42	52.16	52.02	50.57	553.39
1939	Dry	44.43	41.56	39.80	30.55	26.95	23.69	35.99	35.80	3.85	50.70	40.84	44.92	419.08
1940	Above Normal	23.19	16.49	55.10	8.07	6.26	20.95	40.48	41.80	42.44	52.80	49.36	40.69	397.63
1941	Wet	30.89	28.55	18.13	9.88	31.20	39.43	41.72	41.18	40.66	41.88	41.74	40.52	405.78
1942	Wet	34.35	31.99	28.88	37.70	48.33	46.87	35.77	35.24	35.53	39.77	37.89	33.68	446.00
1943	Wet	26.01	24.04	18.88	26.02	38.41	39.48	45.66	45.12	44.49	45.82	45.72	44.46	444.11
1944	Dry	38.27	2.70	55.10	17.57	13.67	16.05	29.06	28.82	28.46	33.75	28.78	22.78	315.01
1945	Below Normal	12.47	10.56	5.29	10.70	8.16	48.66	32.38	40.15	39.76	40.90	40.72	39.52	329.27
1946	Below Normal	33.38	31.05	29.21	40.71	49.77	52.42	34.68	33.57	33.18	35.21	34.56	32.55	440.29
1947	Dry	25.87	23.93	21.01	19.09	21.68	20.52	43.06	42.33	39.83	40.84	40.79	39.56	378.51
1948	Below Normal	33.43	31.04	29.22	19.68	17.26	14.35	21.26	32.95	1.56	52.89	48.56	39.69	341.89
1949	Dry	29.82	27.32	17.64	9.28	8.00	15.29	42.59	42.70	41.06	47.91	44.53	42.77	368.91
1950	Below Normal	33.40	31.71	0.15	7.08	6.44	13.27	37.63	37.61	1.75	51.40	47.20	38.61	306.25
1951	Above Normal	28.81	26.46	16.92	42.51	45.24	55.10	27.94	36.99	36.61	37.58	37.49	36.41	428.06
1952	Wet	30.20	28.02	26.14	39.62	46.86	55.10	43.12	40.27	37.41	40.92	40.81	39.64	468.11
1953	Wet	33.47	31.09	29.26	43.35	49.69	41.86	36.13	36.38	36.27	42.72	39.62	33.31	453.15
1954	Above Normal	24.47	22.55	15.15	10.57	28.32	23.84	39.01	39.84	38.10	45.65	41.92	34.31	363.73
1955	Dry	24.85	22.79	14.14	5.34	7.38	19.85	36.63	36.75	35.00	41.79	38.53	31.50	314.55
1956	Wet	22.33	20.38	12.41	19.16	51.55	55.10	33.50	41.47	41.07	42.16	42.04	40.87	422.04
1957	Above Normal	34.64	32.25	30.39	27.96	25.46	31.84	40.34	41.21	41.73	52.59	48.82	40.28	447.51
1958	Wet	30.45	28.14	18.72	4.01	34.76	40.10	51.32	51.10	50.51	51.86	51.83	50.33	463.13
1959	Below Normal	44.20	30.12	55.10	22.80	20.21	24.16	35.35	34.99	1.82	47.62	43.71	35.77	395.85
1960	Dry	26.23	24.04	15.22	6.03	5.60	14.65	43.02	43.28	41.78	51.38	47.74	43.89	362.86
1961	Dry	34.51	31.86	23.02	8.57	8.98	13.08	36.41	36.25	34.76	41.37	38.02	33.79	340.62
1962	Below Normal	0.52	46.53	13.61	6.11	5.74	19.47	38.35	38.79	3.80	55.10	50.91	42.04	320.97
1963	Wet	32.06	29.67	20.01	22.86	31.19	34.49	35.01	34.26	34.14	36.73	35.81	33.22	379.45
1964	Dry	26.28	24.30	20.70	19.28	45.77	36.32	37.17	36.46	33.99	36.60	35.63	33.00	385.50
1965	Wet	26.17	24.03	20.63	24.83	42.40	41.41	35.95	35.29	35.19	40.68	39.40	36.10	402.08
1966	Below Normal	29.01	26.88	22.75	33.50	39.15	33.77	36.42	36.06	35.58	40.97	38.48	32.92	405.49
1967	Wet	24.56	22.62	16.08	8.32	41.76	44.35	50.64	50.66	47.69	51.55	51.44	49.96	459.63
1968	Below Normal	43.78	38.96	44.56	21.23	23.35	25.35	36.20	36.05	3.41	50.64	46.59	38.42	408.54
1969	Wet	28.75	26.52	17.44	19.04	49.77	55.10	40.75	49.01	46.04	49.82	49.70	48.29	480.23
1970	Wet	42.06	39.30	37.53	43.56	45.42	55.10	40.57	36.15	35.80	36.81	36.63	35.53	484.46
1971	Wet	29.34	27.19	25.33	39.39	45.76	41.98	36.27	35.92	35.22	40.36	37.98	32.82	427.56
1972	Below Normal	24.64	22.70	16.59	13.83	33.49	33.92	37.88	37.84	36.10	42.35	39.29	32.85	371.48
1973	Above Normal	24.02	22.02	14.55	4.87	41.55	42.64	29.87	38.78	38.33	39.24	39.13	37.96	372.96
1974	Wet	31.79	29.51	27.67	41.07	49.77	55.10	50.30	39.19	38.89	39.86	39.74	38.60	481.49
1975	Wet	32.40	30.06	28.18	33.51	29.39	45.76	38.90	38.20	37.76	38.69	38.59	37.46	428.90
1976	Critical	31.27	29.05	27.21	23.58	22.29	24.98	39.94	40.32	38.71	47.88	43.92	39.68	408.83
1977	Critical	29.84	27.34	17.70	5.97	5.74	10.04	14.56	4.17	0.00	3.71	1.81	1.45	122.33
1978	Above Normal	0.56	22.98	19.12	5.83	7.42	34.40	40.06	39.71	39.94	44.08	42.25	38.00	334.35
1979	Below Normal	30.46	28.21	23.20	18.97	15.49	42.98	38.60	37.96	37.60	38.51	38.39	37.27	387.64
1980	Above Normal	31.12	28.88	27.11	29.23	51.55	55.10	34.16	43.35	42.86	44.17	44.04	42.78	474.35
1981	Dry	36.62	34.07	32.26	27.68	34.69	32.69	40.03	40.95	41.49	50.16	46.39	38.63	455.66
1982	Wet	29.15	26.96	18.37	20.96	33.15	40.13	50.27	49.96	49.44	50.76	50.61	49.16	468.92
1983	Wet	43.00	37.76	35.94	46.82	49.77	55.10	51.22	41.45	40.32	46.38	48.81	47.45	544.02
1984	Wet	44.57	41.80	55.10	41.89	47.03	55.10	27.43	36.85	36.35	37.51	37.38	36.30	497.31
1985	Dry	30.04	27.90	44.93	21.40	36.19	32.50	36.34	36.30	34.98	35.90	35.75	34.65	406.88
1986	Wet	28.48	26.35	24.42	20.64	19.57	55.10	48.81	51.03	50.55	51.81	51.80	50.34	478.90
1987	Dry	44.34	17.46	55.10	18.73	14.70	13.01	17.74	16.54	15.18	17.97	13.76	10.10	254.63
1988	Critical	0.62	0.46	0.16	0.68	7.54	10.28	14.77	13.90	12.24	14.78	11.27	8.30	95.00
1989	Dry	0.60	0.43	0.16	0.09	7.68	12.44	42.53	42.00	39.71	43.72	42.02	39.26	270.64
1990	Critical	31.78	29.42	24.54	13.89	13.13	14.31	19.60	18.60	17.48	20.95	15.82	11.59	231.11
1991	Critical	1.37	0.49	0.11	1.97	5.77	10.03	15.01	13.67	12.05	14.49	11.05	8.19	94.20
1992	Critical	0.62	0.42	0.17	0.09	3.31	10.20	18.11	17.05	15.63	18.64	14.21	10.58	109.03
1993	Above Normal	0.77	0.46	0.15	4.75	31.29	35.92	37.29	36.95	25.30	46.04	43.87	38.92	301.71
1994	Critical	31.04	28.77	23.05	16.48	14.32	23.76	39.97	40.15	38.59	49.05	8.98	47.37	361.53
1995	Wet	0.51	52.77	38.29	6.03	23.83	26.11	47.43	46.95	46.43	47.69	48.73	47.32	432.09
1996	Wet	41.22	2.70	2.30	17.16	17.25	35.75	37.28	36.26	35.86	36.88	36.78	35.65	335.09
1997	Wet	29.48	27.37	25.19	35.94	45.20	55.10	42.04	42.08	41.54	42.67	42.61	41.41	470.63
1998	Wet	35.19	32.78	30.91	27.86	48.12	53.59	40.66	38.64	35.76	37.00	39.37	38.18	458.06
1999	Wet	31.97	41.18	33.92	40.93	49.77	48.85	27.58	36.59	36.14	37.35	37.31	36.18	457.77
2000	Above Normal	29.96	27.81	25.89	25.94	38.87	34.65	38.77	38.39	38.25	42.84	40.95	36.50	418.82
2001	Dry	28.71	26.63	21.32	14.50	11.91	15.20	24.60	24.24	23.39	28.14	21.70	16.05	256.39
2002	Dry	4.63	2.78	0.12	2.41	7.41	19.34	41.16	40.36	37.42	38.69	38.64	41.23	274.19
2003	Above Normal	19.94	24.28	27.26	3.45	8.63	20.01	35.73	35.65	2.02	49.13	45.25	37.10	308.45
	Average	26.27	24.49	22.00	18.27	26.26	32.25	35.30	36.30	32.42	40.17	37.60	34.34	365.67
	Wet	30.82	29.58	25.24	26.88	39.92	46.60	41.51	41.47	40.57	43.00	42.79	40.94	449.31
	Above Normal	25.29	24.96	24.11	15.95	28.27	34.60	36.92	39.22	35.11	44.39	42.59	38.16	389.58
	Below Normal	28.12	28.29	23.14	19.53	24.03	32.52	35.73	38.14	25.84	45.33	43.07	38.00	381.74
	Dry	23.95	18.84	21.05	12.18	15.46	21.75	34.05	35.42	32.38	39.74	36.32	32.57	323.71
	Critical	18.72	17.02	12.99	9.58	13.46	14.28	21.62	21.37	19.81	24.42	16.91	14.59	204.74

Difference in Energy generated (GWh) at Warne: Alternative1_2020 minus CONV_NA

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	2.42	2.42	2.42	2.42	0.81
1923	Below Normal	2.42	2.42	2.41	0.19	(0.05)	(0.21)	0.03	0.04	2.46	2.49	2.48	2.43	1.43
1924	Critical	2.41	2.41	2.37	2.33	(0.07)	(0.02)	0.00	0.01	0.01	0.01	0.01	0.00	0.79
1925	Dry	0.01	0.00	0.00	0.01	0.00	(0.36)	0.02	0.02	0.53	0.53	0.53	0.53	0.15
1926	Dry	0.52	0.52	0.52	0.50	(0.01)	(0.01)	(0.03)	(0.02)	(0.02)	(0.03)	(0.02)	(0.02)	0.16
1927	Wet	(0.02)	(0.02)	(0.02)	0.01	(0.02)	0.00	0.00	0.00	2.42	2.41	2.41	2.41	0.80
1928	Above Normal	2.42	2.42	2.41	2.42	(0.03)	0.00	0.00	0.00	1.01	1.01	1.00	1.00	1.14
1929	Critical	1.01	1.01	1.00	1.01	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.01)	(0.84)	0.26
1930	Dry	(0.05)	(0.22)	(0.11)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1931	Critical	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
1932	Dry	0.00	(0.01)	0.00	(0.01)	0.00	1.57	0.00	0.00	2.41	2.42	2.42	2.42	0.94
1933	Critical	2.42	2.41	2.38	2.41	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.80
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.02)	(0.02)	(0.02)	(0.03)	0.00	(0.01)
1935	Below Normal	(0.04)	(0.04)	(0.03)	0.01	0.03	(0.10)	0.06	0.10	2.19	2.40	2.29	2.08	0.75
1936	Below Normal	1.98	1.98	1.77	1.74	(0.39)	0.00	0.01	0.01	2.42	2.43	2.42	2.42	1.40
1937	Below Normal	2.43	2.42	2.42	(0.01)	(0.74)	(17.56)	0.00	0.00	2.42	2.42	2.42	2.41	(0.11)
1938	Wet	2.42	2.41	0.00	(0.27)	0.00	0.00	1.43	0.29	0.28	2.75	2.76	2.75	1.24
1939	Dry	2.80	2.78	2.79	3.54	(2.82)	(4.87)	(5.67)	(6.10)	(11.16)	(4.40)	5.70	(7.55)	(2.08)
1940	Above Normal	5.29	1.23	0.00	2.23	0.01	0.01	0.00	0.01	2.10	2.09	2.10	2.09	1.43
1941	Wet	2.09	2.10	1.07	(0.01)	0.00	(0.14)	(0.13)	(0.14)	2.27	2.27	2.28	2.28	1.16
1942	Wet	2.28	2.29	0.99	(0.03)	(0.04)	(0.13)	0.00	0.00	2.42	2.42	2.42	2.41	1.25
1943	Wet	2.41	2.42	2.41	(0.01)	(0.31)	(0.30)	(0.22)	(0.23)	2.18	2.18	2.18	2.19	1.24
1944	Dry	2.19	2.41	0.00	1.42	(0.89)	(0.29)	0.00	0.00	1.11	1.10	1.11	1.11	0.77
1945	Below Normal	1.10	1.11	1.11	1.12	0.01	(6.44)	0.05	0.06	2.47	2.47	2.47	2.47	0.67
1946	Below Normal	2.47	2.47	2.46	2.39	0.00	1.40	0.05	0.11	2.39	2.62	2.50	2.27	1.76
1947	Dry	2.17	2.18	1.94	1.64	0.99	(1.52)	0.11	0.11	0.56	0.56	0.56	0.55	0.82
1948	Below Normal	0.56	0.55	0.56	0.49	(0.18)	(0.07)	0.01	(1.30)	0.00	0.05	0.00	(0.03)	0.05
1949	Dry	0.01	0.04	0.02	(0.03)	(0.02)	(0.04)	0.03	0.05	0.07	0.20	0.13	(0.06)	0.03
1950	Below Normal	(0.14)	(0.18)	(39.53)	0.00	0.00	0.00	0.00	0.00	0.23	0.23	0.23	0.22	(3.25)
1951	Above Normal	0.22	0.22	0.00	(12.59)	(4.53)	0.00	0.03	0.03	2.44	2.44	2.44	2.44	(0.57)
1952	Wet	2.45	2.44	2.44	2.42	(4.69)	0.00	(0.18)	(6.56)	(6.32)	(4.24)	(4.23)	(4.06)	(1.71)
1953	Wet	(4.08)	(3.77)	(3.80)	2.66	14.22	12.55	1.12	0.64	10.71	(3.14)	(2.47)	(1.16)	1.96
1954	Above Normal	(0.55)	(0.26)	0.97	2.70	8.06	1.65	(0.18)	(0.06)	(0.06)	(0.71)	(1.13)	(0.92)	0.79
1955	Dry	(0.85)	(0.78)	(0.61)	(0.55)	0.14	0.38	0.76	0.82	0.84	1.00	0.92	0.75	0.24
1956	Wet	0.68	0.64	0.49	(11.40)	0.00	0.00	0.12	0.10	2.51	2.51	2.51	2.51	0.06
1957	Above Normal	2.51	2.51	2.51	2.42	(0.07)	(0.45)	(0.01)	(0.01)	1.92	2.06	2.07	2.04	1.46
1958	Wet	2.03	2.02	2.00	1.93	(0.03)	(0.03)	(0.03)	(0.02)	2.39	2.39	2.40	2.39	1.45
1959	Below Normal	2.38	(1.22)	0.00	2.44	0.01	0.01	0.00	0.00	0.17	0.17	0.17	0.17	0.36
1960	Dry	0.17	0.17	0.18	0.18	0.00	(0.05)	0.01	0.00	0.00	(0.01)	(0.01)	(0.05)	0.05
1961	Dry	(0.04)	(0.05)	(0.03)	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.01	0.01	(0.01)
1962	Below Normal	0.00	(0.66)	(37.80)	0.00	0.00	0.01	0.00	(0.01)	2.22	2.11	2.22	2.22	(2.47)
1963	Wet	2.22	2.21	2.22	2.22	0.00	0.00	0.00	0.00	2.42	2.41	2.41	2.42	1.54
1964	Dry	2.41	2.41	2.41	2.44	0.01	0.01	(0.01)	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.80
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	2.42	2.46	2.45	2.43	0.82
1966	Below Normal	2.43	2.43	2.41	2.39	(0.03)	0.00	0.00	(0.01)	1.48	1.47	1.47	1.48	1.29
1967	Wet	1.48	1.49	1.49	1.49	0.00	0.01	0.00	0.00	0.00	2.41	2.42	2.42	1.10
1968	Below Normal	2.42	0.47	7.90	0.38	(2.33)	(0.61)	0.14	0.14	1.71	1.93	1.91	1.87	1.33
1969	Wet	1.86	1.85	1.82	(0.07)	0.00	0.00	(2.82)	2.92	0.04	2.46	2.46	2.46	1.08
1970	Wet	2.46	2.46	2.46	(0.41)	(4.35)	0.00	4.08	(0.24)	2.18	2.17	2.17	2.17	1.26
1971	Wet	2.17	2.19	2.19	2.35	(1.12)	0.95	(0.13)	(0.18)	1.04	0.85	0.96	1.16	1.04
1972	Below Normal	1.27	1.26	1.47	2.01	0.20	0.21	0.00	(0.01)	(0.02)	(0.06)	(0.03)	0.02	0.53
1973	Above Normal	0.04	0.04	0.08	0.14	0.00	0.00	0.00	0.00	2.31	2.31	2.31	2.31	0.80
1974	Wet	2.31	2.31	2.31	2.31	0.00	0.00	(1.01)	(0.10)	2.32	2.31	2.31	2.31	1.45
1975	Wet	2.31	2.32	2.32	2.56	0.07	(0.05)	(0.06)	(0.07)	2.26	2.26	2.27	2.26	1.54
1976	Critical	2.27	2.27	2.27	2.29	0.01	0.04	0.08	0.09	0.09	0.07	0.06	0.06	0.80
1977	Critical	0.06	0.06	0.04	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	(0.90)	(14.72)	0.00	0.00	(2.09)	0.50	0.87	3.58	5.13	4.29	2.78	(0.05)
1979	Below Normal	2.03	2.04	0.48	(0.17)	(2.69)	(2.68)	(1.45)	(1.54)	0.88	0.85	0.85	0.89	(0.04)
1980	Above Normal	0.89	0.96	0.95	(15.23)	0.00	0.00	(8.02)	(7.07)	(4.60)	(4.74)	(4.74)	(4.56)	(3.85)
1981	Dry	(4.58)	(4.24)	(12.35)	6.76	13.55	9.68	3.21	3.19	39.68	(1.23)	(0.81)	0.04	4.41
1982	Wet	0.46	0.58	1.38	3.08	0.98	(0.03)	(0.02)	(0.02)	2.40	2.40	2.40	2.40	1.33
1983	Wet	2.40	(0.01)	(0.01)	0.00	5.08	0.00	8.59	(3.76)	(4.85)	0.00	2.42	2.42	1.02
1984	Wet	0.00	0.00	0.00	0.00	(4.52)	0.00	0.00	0.00	2.42	2.41	2.42	2.42	0.43
1985	Dry	2.41	2.41	2.42	2.42	0.00	0.00	0.00	0.00	1.33	1.33	1.34	1.33	1.25
1986	Wet	1.33	1.34	1.33	1.33	(13.65)	0.00	6.23	0.11	2.53	2.55	2.55	2.58	0.69
1987	Dry	2.62	(11.81)	0.00	2.40	(0.01)	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	(0.57)
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.14	0.16	0.12	0.08	0.05
1989	Dry	0.00	0.00	0.00	0.00	0.04	(0.05)	0.05	0.08	0.11	0.26	0.18	0.72	0.12
1990	Critical	0.64	0.61	0.40	(0.25)	(0.17)	(0.02)	0.10	0.12	0.13	0.16	0.12	0.09	0.16
1991	Critical	0.05	0.01	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.21)	(0.23)	(0.26)	(0.32)	(0.23)	(0.17)	(0.12)
1993	Above Normal	(0.10)	(0.04)	0.00	(0.69)	0.05	0.10	(0.03)	(0.04)	2.07	1.92	1.94	2.00	0.60
1994	Critical	2.15	2.23	2.38	2.58	0.13	0.03	(0.04)	(0.05)	(0.04)	(0.25)	(3.38)	(0.52)	0.44
1995	Wet	0.00	(0.56)	(16.81)	0.00	0.00	0.00	0.00	0.00	2.41	2.41	3.48	3.45	(0.47)
1996	Wet	3.49	(32.37)	(50.73)	2.44	(0.01)	(0.01)	(0.10)	(0.11)	2.31	2.31	2.31	2.31	(5.68)
1997	Wet	2.31	2.31	1.96	(0.03)	(4.24)	0.00	(0.02)	(0.01)	2.41	2.41	2.41	2.41	0.99
1998	Wet	2.41	2.41	2.41	2.41	(0.01)	(0.02)	(0.02)	(0.21)	(0.20)	(0.21)	2.21	2.22	1.12
1999	Wet	2.22	2.22	(1.48)	2.35	0.00	0.00	0.00	0.00	2.42	2.41	2.42	2.42	1.25
2000	Above Normal	2.42	2.41	2.41	2.42	0.02	(0.35)	0.08	0.11	2.22	2.40	2.30	2.13	1.55
2001	Dry	2.04	2.05	1.88	1.78	(0.25)	(0.08)	0.05	0.05	0.04	0.05	0.07	0.07	0.65
2002	Dry	0.08	0.08	0.00	0.06	0.00	0.00	(0.04)	(0.05)	(0.05)	(0.05)	(0.05)	0.05	0.00
2003	Above Normal	2.52	(3.05)	(27.84)	0.00	0.00	0.00	0.00	0.00	0.67	0.67	0.67	0.67	(2.14)
	Average	1.21	0.38	(1.45)	0.58	(0.06)	(0.12)	0.08	(0.22)	1.41	1.02	1.17	1.05	0.42
	Wet	1.53	0.05	(1.60)	0.67	(0.49)	0.49	0.65	(0.29)	1.67	1.68	1.94	2.00	0.69
	Above Normal	1.31	0.46	(2.77)	(1.35)	0.29	(0.09)	(0.64)	(0.51)	1.34	1.42	1.31	1.20	0.16
	Below Normal	1.52	1.08	(3.88)	0.93	(0.44)	(1.86)	(0.08)	(0.17)	1.50	1.54	1.53	1.49	0.26
	Dry	0.66	(0.11)	(0.05)	1.25	0.60	0.24	(0.08)	(0.10)	1.97	0.09	0.67	(0.01)	0.43
	Critical	0.92	0.92	0.90	0.87	(0.01)	0.00	(0.01)	0.00	0.00	(0.02)	(0.28)	(0.11)	0.27

Percent Difference in Energy generated (GWh) at Warne: Alternative1_2020 minus CONV_NA

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%	7%	7%	7%	7%
1923	Below Normal	9%	10%	11%	1%	0%	-1%	0%	0%	7%	6%	7%	8%
1924	Critical	11%	11%	17%	24%	-1%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	1%	0%	0%	1%	0%	-1%	0%	0%	1%	1%	1%	1%
1926	Dry	2%	2%	3%	8%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	7%	7%	7%	7%
1928	Above Normal	9%	9%	10%	12%	0%	0%	0%	0%	3%	2%	2%	3%
1929	Critical	3%	3%	3%	5%	0%	0%	0%	0%	0%	0%	0%	-28%
1930	Dry	-1%	-4%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	-2%	0%	0%	0%	3%	0%	0%	8%	7%	7%	9%
1933	Critical	14%	16%	28%	41%	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%	-1%	0%	0%	-1%	0%	0%	6%	6%	6%	6%
1936	Below Normal	7%	7%	7%	12%	-2%	0%	0%	0%	6%	6%	6%	6%
1937	Below Normal	8%	8%	9%	0%	-1%	-32%	0%	0%	5%	5%	5%	5%
1938	Wet	6%	6%	0%	-1%	0%	0%	3%	1%	1%	6%	6%	6%
1939	Dry	7%	7%	8%	13%	-9%	-17%	-14%	-15%	-74%	-8%	16%	-14%
1940	Above Normal	30%	8%	0%	38%	0%	0%	0%	0%	5%	4%	4%	5%
1941	Wet	7%	8%	6%	0%	0%	0%	0%	0%	6%	6%	6%	6%
1942	Wet	7%	8%	4%	0%	0%	0%	0%	0%	7%	6%	7%	8%
1943	Wet	10%	11%	15%	0%	-1%	-1%	0%	-1%	5%	5%	5%	5%
1944	Dry	6%	831%	0%	9%	-6%	-2%	0%	0%	4%	3%	4%	5%
1945	Below Normal	10%	12%	27%	12%	0%	-12%	0%	0%	7%	6%	6%	7%
1946	Below Normal	8%	9%	9%	6%	0%	3%	0%	0%	8%	8%	8%	7%
1947	Dry	9%	10%	10%	9%	5%	-7%	0%	0%	1%	1%	1%	1%
1948	Below Normal	2%	2%	2%	3%	-1%	0%	0%	-4%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	-1%	-100%	0%	0%	0%	0%	0%	15%	0%	0%	1%
1951	Above Normal	1%	1%	0%	-23%	-9%	0%	0%	0%	7%	7%	7%	7%
1952	Wet	9%	10%	10%	7%	-9%	0%	0%	-14%	-14%	-9%	-9%	-9%
1953	Wet	-11%	-11%	-11%	7%	40%	43%	3%	2%	42%	-7%	-6%	-3%
1954	Above Normal	-2%	-1%	7%	34%	40%	7%	0%	0%	0%	-2%	-3%	-3%
1955	Dry	-3%	-3%	-4%	-9%	2%	2%	2%	2%	2%	2%	2%	2%
1956	Wet	3%	3%	4%	-37%	0%	0%	0%	0%	7%	6%	6%	7%
1957	Above Normal	8%	8%	9%	9%	0%	-1%	0%	0%	5%	4%	4%	5%
1958	Wet	7%	8%	12%	93%	0%	0%	0%	0%	5%	5%	5%	5%
1959	Below Normal	6%	-4%	0%	12%	0%	0%	0%	0%	10%	0%	0%	0%
1960	Dry	1%	1%	1%	3%	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%	-1%	-74%	0%	0%	0%	0%	0%	141%	4%	5%	6%
1963	Wet	7%	8%	12%	11%	0%	0%	0%	0%	8%	7%	7%	8%
1964	Dry	10%	11%	13%	14%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	7%	6%	7%	7%
1966	Below Normal	9%	10%	12%	8%	0%	0%	0%	0%	4%	4%	4%	5%
1967	Wet	6%	7%	10%	22%	0%	0%	0%	0%	0%	5%	5%	5%
1968	Below Normal	6%	1%	22%	2%	-9%	-2%	0%	0%	101%	4%	4%	5%
1969	Wet	7%	7%	12%	0%	0%	0%	-6%	6%	0%	5%	5%	5%
1970	Wet	6%	7%	7%	-1%	-9%	0%	11%	-1%	6%	6%	6%	7%
1971	Wet	8%	9%	9%	6%	-2%	2%	0%	0%	3%	2%	3%	4%
1972	Below Normal	5%	6%	10%	17%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	1%	3%	0%	0%	0%	0%	6%	6%	6%	6%
1974	Wet	8%	8%	9%	6%	0%	0%	-2%	0%	6%	6%	6%	6%
1975	Wet	8%	8%	9%	8%	0%	0%	0%	0%	6%	6%	6%	6%
1976	Critical	8%	8%	9%	11%	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%	-4%	-43%	0%	0%	-6%	1%	2%	10%	13%	11%	8%
1979	Below Normal	7%	8%	2%	-1%	-15%	-6%	-4%	-4%	2%	2%	2%	2%
1980	Above Normal	3%	3%	4%	-34%	0%	0%	-19%	-14%	-10%	-10%	-10%	-10%
1981	Dry	-11%	-11%	-28%	32%	64%	42%	9%	8%	>1,000%	-2%	-2%	0%
1982	Wet	2%	2%	8%	17%	3%	0%	0%	0%	5%	5%	5%	5%
1983	Wet	6%	0%	0%	0%	11%	0%	20%	-8%	-11%	0%	5%	5%
1984	Wet	0%	0%	0%	0%	-9%	0%	0%	0%	7%	7%	7%	7%
1985	Dry	9%	9%	6%	13%	0%	0%	0%	0%	4%	4%	4%	4%
1986	Wet	5%	5%	6%	7%	-41%	0%	15%	0%	5%	5%	5%	5%
1987	Dry	6%	-40%	0%	15%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%
1989	Dry	0%	0%	0%	0%	1%	0%	0%	0%	0%	1%	0%	2%
1990	Critical	2%	2%	2%	-2%	-1%	0%	1%	1%	1%	1%	1%	1%
1991	Critical	4%	2%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	-2%	-2%	-2%
1993	Above Normal	-11%	-8%	0%	-13%	0%	0%	0%	0%	9%	4%	5%	5%
1994	Critical	7%	8%	12%	19%	1%	0%	0%	0%	0%	-1%	-27%	-1%
1995	Wet	0%	-1%	-31%	0%	0%	0%	0%	0%	5%	5%	8%	8%
1996	Wet	9%	-92%	-96%	17%	0%	0%	0%	0%	7%	7%	7%	7%
1997	Wet	9%	9%	8%	0%	-9%	0%	0%	0%	6%	6%	6%	6%
1998	Wet	7%	8%	8%	9%	0%	0%	0%	-1%	-1%	-1%	6%	6%
1999	Wet	7%	6%	-4%	6%	0%	0%	0%	0%	7%	7%	7%	7%
2000	Above Normal	9%	9%	10%	10%	0%	-1%	0%	0%	6%	6%	6%	6%
2001	Dry	8%	8%	10%	14%	-2%	-1%	0%	0%	0%	0%	0%	0%
2002	Dry	2%	3%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	14%	-11%	-51%	0%	0%	0%	0%	0%	50%	1%	2%	2%
	Average	4%	12%	0%	6%	0%	0%	0%	0%	6%	3%	3%	3%
	Wet	5%	1%	0%	7%	-1%	2%	2%	-1%	5%	4%	5%	5%
	Above Normal	5%	1%	-4%	3%	3%	0%	-2%	-1%	8%	4%	4%	4%
	Below Normal	5%	5%	-5%	5%	-2%	-4%	0%	0%	22%	4%	4%	4%
	Dry	2%	46%	1%	7%	3%	1%	0%	0%	-3%	1%	2%	1%
	Critical	4%	4%	6%	9%	0%	0%	0%	0%	0%	0%	-2%	-2%

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

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	0.66	0.98	1.61	1.87	2.41	2.97	3.08	2.65	1.97	22.73
1923	Below Normal	1.30	1.10	0.90	1.23	0.98	1.25	1.55	2.57	3.14	3.28	2.77	2.04	22.11
1924	Critical	1.08	0.83	0.72	0.19	0.20	0.37	0.64	0.81	1.53	1.59	1.40	0.70	10.06
1925	Dry	0.43	0.37	0.39	0.17	0.19	0.77	1.71	2.82	3.41	3.56	3.00	2.21	19.03
1926	Dry	1.13	0.85	0.76	0.17	0.24	0.54	0.91	2.33	2.81	2.94	2.47	1.81	16.96
1927	Wet	0.93	0.70	0.63	0.39	0.76	1.77	1.99	2.50	3.09	3.20	2.77	2.07	20.80
1928	Above Normal	1.41	1.21	0.99	0.44	0.56	0.54	2.22	2.76	3.39	3.50	3.04	2.28	22.34
1929	Critical	1.56	1.34	1.10	0.17	0.16	0.24	0.59	0.90	1.67	1.74	1.53	0.77	11.77
1930	Dry	0.48	0.41	0.44	0.17	0.23	0.36	1.11	1.58	2.40	2.50	2.16	1.30	13.14
1931	Critical	0.74	0.59	0.59	0.16	0.22	0.40	0.81	1.01	1.88	1.96	1.73	0.87	10.96
1932	Dry	0.54	0.46	0.49	0.23	0.38	0.76	1.26	2.05	2.55	2.67	2.25	1.62	15.26
1933	Critical	0.83	0.62	0.56	0.17	0.53	0.68	1.00	1.65	2.42	2.53	2.18	1.34	14.51
1934	Critical	0.75	0.59	0.58	0.17	0.20	0.42	0.95	1.19	2.19	2.28	2.01	0.68	12.01
1935	Below Normal	0.76	0.65	0.68	0.17	0.32	0.55	2.04	2.76	3.37	3.50	3.00	2.24	20.04
1936	Below Normal	1.41	1.17	0.98	0.17	0.40	2.01	2.16	2.75	3.39	3.50	3.04	2.28	23.26
1937	Below Normal	1.56	1.34	1.10	0.20	0.48	0.94	2.67	3.31	4.07	4.21	3.65	2.75	26.28
1938	Wet	1.89	1.62	1.34	0.56	1.20	2.16	2.83	3.53	4.36	4.51	3.90	2.92	30.82
1939	Dry	1.99	1.70	1.39	0.41	0.47	0.66	1.69	2.81	3.40	3.55	2.99	2.20	23.26
1940	Above Normal	1.11	0.83	0.74	0.16	0.19	0.70	1.68	2.84	3.44	3.59	3.02	2.23	20.53
1941	Wet	1.14	0.85	0.77	0.77	1.04	1.76	2.27	2.84	3.51	3.64	3.15	2.34	24.08
1942	Wet	1.59	1.36	1.11	1.09	0.99	1.44	1.70	2.49	3.06	3.18	2.71	2.00	22.72
1943	Wet	1.15	0.92	0.78	1.02	1.07	1.66	2.54	3.17	3.92	4.06	3.51	2.62	26.42
1944	Dry	1.78	1.52	1.24	0.16	0.15	0.42	1.17	1.73	2.47	2.58	2.21	1.40	16.83
1945	Below Normal	0.78	0.61	0.60	0.33	0.33	1.98	2.15	2.68	3.30	3.41	2.96	2.22	21.35
1946	Below Normal	1.52	1.30	1.07	1.24	1.11	1.59	1.75	2.33	2.89	2.99	2.57	1.90	22.26
1947	Dry	1.23	1.03	0.84	0.46	0.41	0.73	2.21	2.74	3.38	3.49	3.02	2.27	21.81
1948	Below Normal	1.55	1.33	1.10	0.17	0.16	0.23	0.80	2.40	2.90	3.02	2.55	1.87	18.08
1949	Dry	0.97	0.73	0.66	0.30	0.30	0.50	1.86	2.89	3.50	3.65	3.09	2.28	20.73
1950	Below Normal	1.24	0.97	0.84	0.17	0.17	0.42	1.53	2.51	2.38	3.29	2.79	2.08	18.39
1951	Above Normal	1.12	0.86	0.77	1.46	1.35	1.91	1.97	2.58	3.19	3.30	2.85	2.12	23.48
1952	Wet	1.43	1.22	0.99	1.14	1.20	1.75	2.19	3.29	4.07	4.21	3.64	2.71	27.84
1953	Wet	1.84	1.57	1.28	1.12	0.57	0.65	1.41	2.45	2.98	3.11	2.61	1.92	21.51
1954	Above Normal	0.95	0.70	0.63	0.36	0.80	0.79	1.63	2.75	3.34	3.49	2.93	2.16	20.53
1955	Dry	1.08	0.81	0.72	0.38	0.44	0.62	1.43	2.38	2.89	3.02	2.54	1.86	18.17
1956	Wet	0.94	0.70	0.62	1.12	1.52	2.18	2.33	2.92	3.61	3.74	3.23	2.40	25.31
1957	Above Normal	1.62	1.38	1.12	0.35	0.39	0.94	1.67	2.80	3.40	3.55	2.99	2.20	22.41
1958	Wet	1.11	0.83	0.74	0.46	1.17	1.78	2.84	3.54	4.36	4.51	3.91	2.93	28.18
1959	Below Normal	1.99	1.71	1.40	0.33	0.48	0.64	1.41	2.33	2.24	3.07	2.59	1.93	20.12
1960	Dry	1.01	0.77	0.69	0.16	0.16	0.48	1.89	2.93	3.55	3.70	3.13	2.32	20.79
1961	Dry	1.27	0.98	0.86	0.17	0.21	0.37	1.47	2.42	2.92	3.05	2.57	1.89	18.18
1962	Below Normal	0.97	0.73	0.65	0.17	0.16	0.64	1.57	2.63	3.18	3.32	2.79	2.06	18.87
1963	Wet	1.05	0.79	0.71	1.18	1.05	1.52	1.72	2.40	2.96	3.07	2.63	1.94	21.02
1964	Dry	1.21	1.00	0.83	0.60	1.19	1.19	1.86	2.48	3.06	3.17	2.72	2.02	21.33
1965	Wet	1.28	1.06	0.88	0.83	1.06	1.55	1.78	2.44	3.01	3.13	2.68	1.98	21.68
1966	Below Normal	1.22	1.00	0.83	1.15	0.99	1.28	1.59	2.56	3.14	3.27	2.77	2.04	21.84
1967	Wet	1.09	0.85	0.73	0.47	1.29	1.92	2.82	3.52	4.34	4.49	3.89	2.91	28.32
1968	Below Normal	1.98	1.70	1.39	0.46	0.57	0.65	1.42	2.36	2.87	2.99	2.52	1.85	20.76
1969	Wet	0.92	0.69	0.61	1.08	1.23	1.99	2.77	3.46	4.27	4.42	3.83	2.85	28.12
1970	Wet	1.93	1.65	1.35	1.24	1.13	1.91	1.98	2.53	3.13	3.24	2.80	2.08	24.97
1971	Wet	1.40	1.19	0.97	1.14	1.00	1.20	1.60	2.57	3.14	3.28	2.77	2.04	22.30
1972	Below Normal	1.11	0.87	0.74	0.67	0.96	1.35	1.64	2.64	3.22	3.36	2.83	2.09	21.48
1973	Above Normal	1.09	0.83	0.72	0.51	1.20	1.77	2.04	2.63	3.25	3.36	2.91	2.17	22.48
1974	Wet	1.47	1.26	1.03	1.24	1.28	1.90	2.20	2.76	3.42	3.54	3.06	2.27	25.43
1975	Wet	1.53	1.30	1.06	0.82	0.60	1.72	2.04	2.54	3.14	3.24	2.81	2.09	22.89
1976	Critical	1.42	1.22	1.00	0.39	0.37	0.59	1.62	2.69	3.26	3.40	2.86	2.10	20.92
1977	Critical	1.07	0.80	0.71	0.17	0.16	0.23	0.43	0.53	0.00	0.00	0.00	2.11	6.21
1978	Above Normal	0.86	0.64	0.61	0.16	0.46	1.54	1.90	2.59	3.17	3.29	2.83	2.11	20.16
1979	Below Normal	1.36	1.14	0.95	0.30	0.36	1.82	2.10	2.63	3.24	3.34	2.90	2.17	22.31
1980	Above Normal	1.49	1.28	1.05	0.53	1.33	2.03	2.81	3.51	4.33	4.48	3.88	2.90	29.62
1981	Dry	1.97	1.69	1.38	0.29	0.40	0.57	1.49	2.53	3.07	3.20	2.69	1.98	21.26
1982	Wet	1.00	0.75	0.67	1.01	1.09	1.81	2.81	3.51	4.33	4.48	3.88	2.90	28.24
1983	Wet	1.97	1.69	1.38	1.41	1.30	1.96	2.73	3.41	4.23	4.37	3.78	2.81	31.04
1984	Wet	2.10	1.82	1.52	1.61	1.34	1.90	1.96	2.57	3.19	3.30	2.85	2.11	26.27
1985	Dry	1.42	1.21	0.98	1.17	1.01	1.73	1.95	2.52	3.12	3.23	2.79	2.07	23.20
1986	Wet	1.40	1.19	0.97	0.16	0.27	2.15	2.80	3.48	4.28	4.43	3.84	2.89	27.86
1987	Dry	1.98	1.70	1.40	0.16	0.15	0.22	0.60	0.75	1.40	1.46	1.29	0.65	11.76
1988	Critical	0.40	0.34	0.37	0.17	0.27	0.24	0.45	0.59	1.11	1.15	1.02	0.50	6.61
1989	Dry	0.31	0.26	0.28	0.25	0.29	0.36	2.02	2.79	3.41	3.54	3.04	2.26	18.81
1990	Critical	1.41	1.16	0.98	0.16	0.18	0.31	0.70	0.87	1.63	1.70	1.50	0.75	11.35
1991	Critical	0.47	0.40	0.43	0.17	0.16	0.23	0.47	0.58	1.09	1.14	1.00	0.50	6.64
1992	Critical	0.31	0.26	0.28	0.17	0.16	0.23	0.64	0.79	1.48	1.54	1.36	0.68	7.90
1993	Above Normal	0.43	0.36	0.39	0.18	1.06	1.57	1.78	2.59	3.17	3.29	2.81	2.07	19.70
1994	Critical	1.21	0.97	0.82	0.37	0.36	0.70	1.64	2.71	3.29	3.43	2.89	2.12	20.51
1995	Wet	1.07	0.80	0.72	0.17	0.88	1.02	2.58	3.21	3.96	4.09	3.55	2.66	24.71
1996	Wet	1.82	1.56	1.28	0.87	0.71	1.53	1.95	2.43	3.01	3.11	2.69	2.00	22.96
1997	Wet	1.36	1.16	0.95	1.15	1.16	2.02	2.36	2.95	3.65	3.78	3.26	2.43	26.23
1998	Wet	1.64	1.40	1.14	0.35	1.03	1.69	2.11	2.67	3.30	3.41	2.95	2.20	23.89
1999	Wet	1.50	1.48	1.25	1.34	1.34	1.91	1.96	2.56	3.18	3.29	2.84	2.11	24.76
2000	Above Normal	1.42	1.21	0.98	0.35	0.86	1.18	1.83	2.63	3.22	3.34	2.85	2.11	21.98
2001	Dry	1.26	1.02	0.86	0.16	0.18	0.41	0.99	1.27	2.24	2.34	2.05	1.08	13.86
2002	Dry	0.66	0.55	0.58	0.40	0.46	0.61	2.12	2.63	3.24	3.35	2.90	2.18	19.68
2003	Above Normal	1.49	1.28	1.06	0.53	0.49	0.64	1.41	2.34	2.84	2.97	2.49	1.83	19.37
	Average	1.25	1.03	0.88	0.54	0.66	1.11	1.75	2.45	3.06	3.20	2.74	2.00	20.66
	Wet	1.41	1.17	0.98	0.91	1.05	1.73	2.24	2.91	3.60	3.72	3.21	2.39	25.32
	Above Normal	1.24	1.00	0.86	0.47	0.81	1.27	1.90	2.70	3.31	3.44	2.94	2.18	22.11
	Below Normal	1.34	1.12	0.95	0.48	0.53	1.10	1.74	2.60	3.10	3.33	2.84	2.11	21.23
	Dry	1.15	0.95	0.82	0.32	0.38	0.63	1.54	2.31	2.93	3.06	2.61	1.86	18.56
	Critical	0.94	0.76	0.68	0.21	0.25	0.39	0.83	1.19	1.80	1.87	1.62	1.09	11.62

Energy Use (GWh) At Pumping Plant at Badger Hill: Alternative1_2020

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	0.66	0.98	1.61	1.87	2.41	2.97	3.08	2.65	1.97	22.73
1923	Below Normal	1.30	1.10	0.90	1.23	0.98	1.24	1.55	2.57	3.15	3.28	2.77	2.04	22.11
1924	Critical	1.08	0.83	0.72	0.19	0.20	0.37	0.64	0.82	1.53	1.59	1.40	0.70	10.07
1925	Dry	0.43	0.37	0.39	0.17	0.19	0.77	1.71	2.82	3.41	3.56	3.00	2.21	19.03
1926	Dry	1.13	0.85	0.76	0.17	0.24	0.54	0.90	2.33	2.81	2.93	2.47	1.81	16.94
1927	Wet	0.93	0.70	0.63	0.39	0.76	1.77	1.99	2.50	3.09	3.20	2.77	2.07	20.80
1928	Above Normal	1.41	1.21	0.99	0.44	0.56	0.54	2.22	2.76	3.39	3.50	3.04	2.28	22.34
1929	Critical	1.56	1.34	1.10	0.17	0.16	0.24	0.59	0.90	1.67	1.74	1.53	0.77	11.77
1930	Dry	0.48	0.41	0.44	0.17	0.23	0.36	1.11	1.58	2.40	2.50	2.16	1.30	13.14
1931	Critical	0.74	0.59	0.59	0.16	0.22	0.40	0.81	1.01	1.88	1.96	1.72	0.87	10.95
1932	Dry	0.54	0.46	0.49	0.23	0.38	0.76	1.26	2.05	2.55	2.67	2.25	1.62	15.26
1933	Critical	0.83	0.62	0.56	0.17	0.53	0.68	1.00	1.65	2.42	2.53	2.18	1.34	14.51
1934	Critical	0.75	0.59	0.58	0.17	0.20	0.42	0.95	1.19	2.19	2.28	2.01	0.60	11.93
1935	Below Normal	0.79	0.68	0.70	0.17	0.32	0.55	2.03	2.77	3.38	3.51	3.01	2.24	20.15
1936	Below Normal	1.40	1.16	0.97	0.18	0.40	2.00	2.16	2.75	3.39	3.50	3.04	2.28	23.23
1937	Below Normal	1.56	1.34	1.10	0.20	0.48	0.94	2.67	3.31	4.07	4.21	3.65	2.75	26.28
1938	Wet	1.89	1.62	1.34	0.51	1.17	2.10	2.85	3.55	4.38	4.53	3.92	2.93	30.79
1939	Dry	2.00	1.71	1.40	0.35	0.36	0.51	1.44	2.38	2.28	3.12	2.64	1.97	20.16
1940	Above Normal	1.04	0.80	0.71	0.16	0.19	0.70	1.68	2.84	3.44	3.59	3.02	2.23	20.40
1941	Wet	1.14	0.85	0.77	0.77	1.04	1.75	2.26	2.83	3.50	3.62	3.13	2.34	24.00
1942	Wet	1.59	1.36	1.11	1.10	1.00	1.44	1.70	2.49	3.06	3.18	2.71	2.00	22.74
1943	Wet	1.15	0.92	0.78	1.02	1.06	1.65	2.53	3.15	3.90	4.03	3.49	2.60	26.28
1944	Dry	1.77	0.69	2.06	0.16	0.15	0.42	1.17	1.73	2.47	2.58	2.21	1.40	16.81
1945	Below Normal	0.78	0.61	0.60	0.33	0.33	1.95	2.15	2.68	3.30	3.41	2.96	2.22	21.32
1946	Below Normal	1.52	1.30	1.07	1.24	1.11	1.59	1.74	2.34	2.90	3.01	2.58	1.91	22.31
1947	Dry	1.22	1.02	0.84	0.46	0.41	0.73	2.21	2.75	3.39	3.50	3.03	2.27	21.83
1948	Below Normal	1.56	1.34	1.10	0.17	0.16	0.23	0.80	2.40	2.90	3.03	2.55	1.88	18.12
1949	Dry	0.97	0.73	0.66	0.30	0.30	0.50	1.85	2.89	3.51	3.66	3.10	2.29	20.76
1950	Below Normal	1.24	0.96	0.84	0.17	0.17	0.42	1.53	2.51	2.38	3.29	2.79	2.08	18.38
1951	Above Normal	1.12	0.86	0.77	1.44	1.35	1.91	1.97	2.58	3.19	3.31	2.85	2.12	23.47
1952	Wet	1.43	1.22	0.99	1.14	1.19	1.74	2.19	2.82	3.49	3.61	3.12	2.32	25.26
1953	Wet	1.57	1.34	1.09	1.28	0.96	1.08	1.53	2.60	3.18	3.33	2.80	2.06	22.82
1954	Above Normal	1.05	0.80	0.70	0.37	0.93	0.88	1.63	2.78	3.37	3.53	2.96	2.18	21.18
1955	Dry	1.09	0.81	0.73	0.38	0.46	0.64	1.47	2.44	2.96	3.09	2.60	1.91	18.58
1956	Wet	0.96	0.72	0.64	1.09	1.50	2.19	2.33	2.92	3.62	3.74	3.24	2.40	25.35
1957	Above Normal	1.63	1.39	1.13	0.35	0.39	0.91	1.67	2.80	3.40	3.55	2.99	2.20	22.41
1958	Wet	1.11	0.83	0.74	0.46	1.17	1.78	2.84	3.54	4.36	4.51	3.91	2.92	28.17
1959	Below Normal	1.99	1.71	1.40	0.33	0.48	0.64	1.41	2.33	2.24	3.07	2.59	1.93	20.12
1960	Dry	1.01	0.77	0.69	0.16	0.16	0.48	1.89	2.93	3.55	3.70	3.13	2.32	20.79
1961	Dry	1.27	0.99	0.86	0.17	0.21	0.37	1.47	2.42	2.92	3.05	2.57	1.89	18.19
1962	Below Normal	0.85	0.79	0.71	0.17	0.16	0.65	1.57	2.63	3.18	3.32	2.79	2.06	18.88
1963	Wet	1.05	0.79	0.71	1.18	1.05	1.52	1.72	2.40	2.96	3.07	2.63	1.94	21.02
1964	Dry	1.21	1.00	0.83	0.60	1.19	1.19	1.86	2.48	3.06	3.17	2.72	2.02	21.33
1965	Wet	1.28	1.06	0.88	0.83	1.06	1.55	1.78	2.45	3.01	3.13	2.68	1.98	21.69
1966	Below Normal	1.22	1.00	0.83	1.15	0.99	1.28	1.59	2.56	3.14	3.27	2.77	2.04	21.84
1967	Wet	1.09	0.85	0.73	0.47	1.29	1.92	2.82	3.52	4.34	4.49	3.89	2.91	28.32
1968	Below Normal	1.98	1.70	1.39	0.46	0.55	0.65	1.42	2.37	2.88	3.00	2.52	1.85	20.77
1969	Wet	0.93	0.69	0.61	1.08	1.22	2.00	2.77	3.46	4.28	4.43	3.83	2.85	28.15
1970	Wet	1.94	1.66	1.35	1.21	1.10	1.87	1.99	2.51	3.11	3.21	2.78	2.06	24.79
1971	Wet	1.39	1.18	0.96	1.15	1.01	1.24	1.60	2.55	3.13	3.26	2.76	2.03	22.26
1972	Below Normal	1.12	0.87	0.75	0.68	0.95	1.35	1.65	2.64	3.22	3.36	2.83	2.09	21.51
1973	Above Normal	1.09	0.83	0.73	0.51	1.20	1.77	2.04	2.63	3.25	3.36	2.91	2.17	22.49
1974	Wet	1.47	1.26	1.03	1.24	1.28	1.89	2.20	2.75	3.41	3.53	3.05	2.26	25.37
1975	Wet	1.53	1.30	1.06	0.83	0.60	1.72	2.03	2.54	3.13	3.24	2.80	2.09	22.87
1976	Critical	1.42	1.22	1.00	0.39	0.37	0.60	1.63	2.69	3.27	3.41	2.87	2.11	20.98
1977	Critical	1.07	0.80	0.71	0.17	0.16	0.23	0.43	0.53	0.00	0.00	0.00	2.11	6.21
1978	Above Normal	0.60	0.78	0.74	0.16	0.46	1.43	1.85	2.67	3.26	3.39	2.89	2.15	20.38
1979	Below Normal	1.30	1.06	0.90	0.30	0.36	1.74	2.01	2.51	3.09	3.20	2.77	2.08	21.32
1980	Above Normal	1.42	1.22	1.00	0.86	1.30	2.01	2.35	3.04	3.76	3.89	3.36	2.50	26.71
1981	Dry	1.70	1.45	1.18	0.38	0.70	0.96	1.65	2.79	3.39	3.54	2.99	2.20	22.93
1982	Wet	1.13	0.85	0.75	1.01	1.09	1.81	2.81	3.51	4.33	4.48	3.88	2.90	28.55
1983	Wet	1.97	1.68	1.38	1.41	1.30	1.96	2.73	3.41	4.23	4.37	3.78	2.81	31.03
1984	Wet	2.10	1.82	1.52	1.61	1.34	1.90	1.96	2.57	3.19	3.30	2.85	2.11	26.27
1985	Dry	1.42	1.21	0.98	1.17	1.01	1.73	1.95	2.52	3.12	3.23	2.79	2.07	23.20
1986	Wet	1.40	1.19	0.97	0.16	0.27	2.10	2.80	3.49	4.29	4.43	3.85	2.89	27.84
1987	Dry	1.99	1.71	1.40	0.16	0.15	0.22	0.60	0.75	1.40	1.46	1.29	0.65	11.78
1988	Critical	0.40	0.34	0.37	0.17	0.27	0.24	0.45	0.59	1.12	1.17	1.03	0.51	6.66
1989	Dry	0.31	0.26	0.28	0.25	0.28	0.36	2.02	2.80	3.42	3.55	3.04	2.27	18.84
1990	Critical	1.40	1.15	0.97	0.16	0.18	0.32	0.71	0.88	1.64	1.71	1.51	0.76	11.39
1991	Critical	0.47	0.40	0.43	0.17	0.16	0.23	0.47	0.58	1.09	1.14	1.00	0.50	6.64
1992	Critical	0.31	0.26	0.28	0.17	0.16	0.23	0.62	0.78	1.45	1.51	1.33	0.67	7.77
1993	Above Normal	0.42	0.35	0.38	0.18	1.06	1.57	1.78	2.58	3.16	3.29	2.80	2.07	19.64
1994	Critical	1.21	0.97	0.82	0.37	0.36	0.70	1.64	2.71	3.28	3.43	2.89	2.12	20.50
1995	Wet	1.07	0.80	0.72	0.17	0.88	1.02	2.58	3.21	3.96	4.09	3.55	2.66	24.71
1996	Wet	1.82	0.43	2.42	0.87	0.71	1.53	1.94	2.42	3.00	3.10	2.68	2.00	22.92
1997	Wet	1.36	1.16	0.95	1.15	1.16	2.03	2.36	2.95	3.65	3.77	3.26	2.43	26.23
1998	Wet	1.64	1.40	1.14	0.36	1.03	1.69	2.11	2.65	3.28	3.39	2.93	2.19	23.81
1999	Wet	1.49	1.28	1.24	1.34	1.34	1.91	1.96	2.56	3.18	3.29	2.84	2.11	24.54
2000	Above Normal	1.42	1.21	0.98	0.35	0.86	1.16	1.82	2.64	3.23	3.36	2.86	2.12	22.01
2001	Dry	1.25	1.01	0.86	0.16	0.18	0.41	0.99	1.28	2.24	2.34	2.05	1.08	13.85
2002	Dry	0.66	0.55	0.58	0.40	0.46	0.61	2.12	2.63	3.24	3.35	2.90	2.17	19.67
2003	Above Normal	1.49	1.28	1.05	0.53	0.49	0.64	1.41	2.34	2.84	2.97	2.49	1.83	19.36
	Average	1.24	1.00	0.90	0.55	0.67	1.12	1.74	2.44	3.04	3.18	2.73	2.00	20.59
	Wet	1.40	1.11	1.02	0.92	1.06	1.74	2.25	2.90	3.58	3.71	3.20	2.38	25.25
	Above Normal	1.21	1.01	0.87	0.50	0.81	1.26	1.86	2.67	3.27	3.40	2.90	2.15	21.93
	Below Normal	1.33	1.12	0.95	0.48	0.53	1.09	1.73	2.60	3.09	3.32	2.83	2.10	21.17
	Dry	1.14	0.89	0.86	0.32	0.39	0.64	1.54	2.31	2.90	3.06	2.61	1.86	18.51
	Critical	0.94	0.76	0.68	0.21	0.25	0.39	0.83	1.19	1.80	1.87	1.62	1.09	11.62

Difference in Energy Use (GWh) At Pumping Plant at Badger Hill: Alternative1_2020 minus CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.01	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	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	(0.08)	(0.01)
1935	Below Normal	0.03	0.03	0.02	0.00	0.00	0.00	(0.01)	0.01	0.01	0.01	0.01	0.00	0.01
1936	Below Normal	(0.01)	(0.01)	(0.01)	0.01	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	(0.05)	(0.03)	(0.06)	0.02	0.02	0.02	0.02	0.02	0.01	0.00
1939	Dry	0.01	0.01	0.01	(0.06)	(0.11)	(0.15)	(0.25)	(0.43)	(1.12)	(0.43)	(0.35)	(0.23)	(0.26)
1940	Above Normal	(0.07)	(0.03)	(0.03)	0.00	0.00	0.00	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	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	0.00	(0.01)
1942	Wet	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.03)	(0.02)	(0.02)	(0.01)
1944	Dry	(0.01)	(0.83)	0.82	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	(0.03)	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	0.01	0.02	0.01	0.01	0.00
1947	Dry	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00
1948	Below Normal	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.01	0.01	0.01	0.01	0.00
1950	Below Normal	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.47)	(0.58)	(0.60)	(0.52)	(0.39)	(0.22)
1953	Wet	(0.27)	(0.23)	(0.19)	0.16	0.39	0.43	0.12	0.15	0.20	0.22	0.19	0.14	0.11
1954	Above Normal	0.10	0.10	0.07	0.01	0.13	0.09	0.00	0.03	0.03	0.04	0.03	0.02	0.05
1955	Dry	0.01	0.00	0.01	0.00	0.02	0.02	0.04	0.06	0.07	0.07	0.06	0.05	0.03
1956	Wet	0.02	0.02	0.02	(0.03)	(0.02)	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.00
1957	Above Normal	0.01	0.01	0.01	0.00	0.00	(0.03)	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	(0.01)	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	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	(0.12)	0.06	0.06	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	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	(0.02)	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00
1969	Wet	0.01	0.00	0.00	0.00	(0.01)	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00
1970	Wet	0.01	0.01	0.00	(0.03)	(0.03)	(0.04)	0.01	(0.02)	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)
1971	Wet	(0.01)	(0.01)	(0.01)	0.01	0.01	0.04	0.00	(0.02)	(0.01)	(0.02)	(0.01)	(0.01)	0.00
1972	Below Normal	0.01	0.00	0.01	0.01	(0.01)	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
1975	Wet	0.00	0.00	0.00	0.01	0.00	0.00	(0.01)	0.00	(0.01)	0.00	(0.01)	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	(0.26)	0.14	0.13	0.00	0.00	(0.11)	(0.05)	0.08	0.09	0.10	0.06	0.04	0.02
1979	Below Normal	(0.06)	(0.08)	(0.05)	0.00	0.00	(0.08)	(0.09)	(0.12)	(0.15)	(0.14)	(0.13)	(0.09)	(0.08)
1980	Above Normal	(0.07)	(0.06)	(0.05)	0.33	(0.03)	(0.02)	(0.46)	(0.47)	(0.57)	(0.59)	(0.52)	(0.40)	(0.24)
1981	Dry	(0.27)	(0.24)	(0.20)	0.09	0.30	0.39	0.16	0.26	0.32	0.34	0.30	0.22	0.14
1982	Wet	0.13	0.10	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
1983	Wet	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(0.05)	0.00	0.01	0.01	0.00	0.01	0.00	0.00
1987	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
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.01	0.00
1989	Dry	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.00
1990	Critical	(0.01)	(0.01)	(0.01)	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	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	(0.02)	(0.01)	(0.03)	(0.03)	(0.03)	(0.01)	(0.01)
1993	Above Normal	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	(1.13)	1.14	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.01	0.00	0.00	0.00	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)
1999	Wet	(0.01)	(0.20)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.01)	0.01	0.01	0.02	0.01	0.01	0.00
2001	Dry	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	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	(0.01)	0.00
2003	Above Normal	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	(0.01)	(0.03)	0.02	0.01	0.01	0.00	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)
	Wet	(0.00)	(0.06)	0.04	0.00	0.01	0.01	0.00	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)
	Above Normal	(0.03)	0.01	0.01	0.03	0.01	(0.01)	(0.04)	(0.03)	(0.04)	(0.04)	(0.04)	(0.03)	(0.02)
	Below Normal	(0.01)	0.00	0.00	0.00	(0.00)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
	Dry	(0.02)	(0.06)	0.04	0.00	0.01	0.01	(0.00)	(0.00)	(0.04)	0.00	0.00	0.00	(0.01)
	Critical	(0.00)	(0.00)	(0.00)	0.00	0.00	0.00	(0.00)	0.00	(0.00)	0.00	(0.00)	(0.01)	(0.00)

Percent Difference in Energy Use (GWh) At Pumping Plant at Badger Hill: Alternative1_2020 minus CONV_NA

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%	-1%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	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%	-12%
1935	Below Normal	4%	5%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	-1%	-1%	-1%	6%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-9%	-3%	-3%	1%	1%	0%	0%	1%	0%
1939	Dry	1%	1%	1%	-15%	-23%	-23%	-15%	-15%	-33%	-12%	-12%	-10%
1940	Above Normal	-6%	-4%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	-1%	-1%	0%
1942	Wet	0%	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	-1%	-1%	0%	-1%	-1%	-1%	-1%	-1%
1944	Dry	-1%	-55%	66%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	-1%	0%	0%	1%	0%	1%
1947	Dry	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1949	Dry	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1950	Below Normal	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	-1%	-1%	0%	-14%	-14%	-14%	-14%	-14%
1953	Wet	-15%	-15%	-15%	14%	68%	66%	9%	6%	7%	7%	7%	7%
1954	Above Normal	11%	14%	11%	3%	16%	11%	0%	1%	1%	1%	1%	1%
1955	Dry	1%	0%	1%	0%	5%	3%	3%	3%	2%	2%	2%	3%
1956	Wet	2%	3%	3%	-3%	-1%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	1%	1%	1%	0%	0%	-3%	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%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	-12%	8%	9%	0%	0%	2%	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%	-4%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	1%	0%	0%	0%	-1%	1%	0%	0%	0%	0%	0%	0%
1970	Wet	1%	1%	0%	-2%	-3%	-2%	1%	-1%	-1%	-1%	-1%	-1%
1971	Wet	-1%	-1%	-1%	1%	1%	3%	0%	-1%	0%	-1%	0%	0%
1972	Below Normal	1%	0%	1%	1%	-1%	0%	1%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	2%	1%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-30%	22%	21%	0%	0%	-7%	-3%	3%	3%	3%	2%	2%
1979	Below Normal	-4%	-7%	-5%	0%	0%	-4%	-4%	-5%	-5%	-4%	-4%	-4%
1980	Above Normal	-5%	-5%	-5%	62%	-2%	-1%	-16%	-13%	-13%	-13%	-13%	-14%
1981	Dry	-14%	-14%	-14%	31%	75%	68%	11%	10%	10%	11%	11%	11%
1982	Wet	13%	13%	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1987	Dry	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	1%	2%	1%	2%
1989	Dry	0%	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	-1%	-1%	-1%	0%	0%	3%	1%	1%	1%	1%	1%	1%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	-3%	-1%	-2%	-2%	-2%	-1%
1993	Above Normal	-2%	-3%	-3%	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%	-72%	89%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	3%	0%	0%	0%	-1%	-1%	-1%	-1%	0%
1999	Wet	-1%	-14%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	-2%	-1%	0%	0%	1%	0%	0%
2001	Dry	-1%	-1%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-1%	-2%	2%	1%	2%	1%	0%	0%	-1%	0%	0%	0%
	Wet	0%	-3%	3%	0%	2%	2%	0%	0%	0%	0%	0%	0%
	Above Normal	-3%	2%	2%	5%	1%	0%	-2%	-1%	-1%	-1%	-1%	-1%
	Below Normal	-1%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
	Dry	-1%	-4%	3%	1%	3%	3%	0%	0%	-1%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	60.12	51.69	41.64	10.19	33.84	38.87	38.65	39.86	39.25	40.70	40.43	37.80	473.04
1923	Below Normal	33.50	30.30	29.02	48.17	48.25	38.85	33.92	39.20	39.18	41.80	42.19	37.23	461.61
1924	Critical	29.45	25.96	21.43	9.75	10.40	12.46	19.07	23.32	23.72	23.74	21.42	18.21	238.93
1925	Dry	9.43	7.12	6.08	2.32	5.87	22.52	34.66	44.87	45.33	48.42	49.39	42.88	318.89
1926	Dry	33.23	29.44	23.28	4.47	7.21	16.21	25.47	37.12	37.41	39.91	40.71	35.31	329.77
1927	Wet	26.90	23.66	18.51	5.49	22.09	43.32	41.34	42.56	41.75	43.13	42.80	40.42	391.97
1928	Above Normal	36.72	33.44	32.63	25.79	31.02	23.04	47.01	48.08	47.03	48.58	48.33	45.75	467.42
1929	Critical	41.98	38.53	37.68	25.95	24.25	15.07	17.77	25.57	26.01	26.10	23.60	4.05	306.56
1930	Dry	12.22	14.57	12.70	4.19	6.93	11.34	28.57	34.04	34.84	35.71	34.05	29.24	258.40
1931	Critical	18.91	15.34	11.78	4.20	6.76	12.21	23.26	28.25	28.82	28.95	26.11	22.15	226.74
1932	Dry	12.10	8.83	7.52	4.28	9.04	29.66	25.62	34.28	34.50	36.70	37.03	32.11	271.67
1933	Critical	23.71	20.66	16.03	4.30	36.44	13.71	22.72	33.84	34.47	35.69	34.31	29.48	305.36
1934	Critical	19.52	15.96	12.30	4.33	6.25	12.82	26.55	32.44	33.29	33.36	19.11	1.47	217.40
1935	Below Normal	29.05	22.81	17.11	4.34	8.95	16.49	43.55	46.29	46.02	47.97	48.08	44.12	374.78
1936	Below Normal	38.27	34.69	32.15	18.89	21.69	57.48	40.88	47.06	46.15	47.69	47.38	44.78	477.11
1937	Below Normal	40.98	37.48	36.63	27.26	49.39	49.08	50.90	56.61	55.57	57.40	57.12	54.09	572.51
1938	Wet	50.19	46.18	45.30	31.44	49.55	57.70	57.19	58.54	57.86	59.58	59.17	55.98	628.68
1939	Dry	51.99	47.61	46.79	33.88	36.21	29.14	39.04	45.14	12.44	53.32	21.57	48.91	466.04
1940	Above Normal	11.06	8.41	45.31	4.28	6.00	20.32	38.10	45.23	35.15	48.89	52.44	45.60	360.79
1941	Wet	35.48	31.48	24.93	15.49	35.83	42.10	45.79	46.96	46.13	47.69	47.29	44.66	463.83
1942	Wet	40.87	37.27	36.49	48.89	49.52	50.16	35.65	38.84	38.73	40.87	40.97	36.85	495.11
1943	Wet	30.43	27.06	23.75	36.41	45.16	42.12	50.58	51.83	50.94	52.68	52.28	49.43	512.67
1944	Dry	45.56	0.97	56.81	19.15	18.15	16.96	29.17	34.66	35.06	36.46	35.39	30.53	358.87
1945	Below Normal	20.60	17.09	13.25	7.22	8.89	57.45	40.66	45.69	44.86	46.36	46.01	43.51	391.59
1946	Below Normal	39.73	36.27	35.43	49.35	49.54	55.20	35.70	37.28	36.68	38.15	37.89	35.27	486.49
1947	Dry	30.92	27.84	26.46	22.98	25.01	21.46	46.84	47.84	46.80	48.27	48.03	45.52	437.97
1948	Below Normal	41.76	38.31	37.46	24.08	22.61	14.72	23.06	19.26	5.00	52.63	53.37	46.54	378.80
1949	Dry	36.15	32.29	25.73	6.89	8.46	14.64	41.43	46.74	47.07	49.93	30.70	50.65	390.68
1950	Below Normal	39.35	18.63	24.09	5.71	6.29	12.51	35.21	40.52	1.57	52.30	52.69	45.68	334.55
1951	Above Normal	35.34	31.23	24.84	51.12	49.55	57.36	35.20	41.67	41.00	42.27	41.89	39.52	490.99
1952	Wet	35.79	32.45	31.69	48.73	51.32	57.16	46.74	53.57	52.67	54.48	54.07	51.09	569.76
1953	Wet	47.25	43.09	42.30	50.18	41.71	29.00	32.35	38.26	16.50	45.92	46.31	40.32	473.19
1954	Above Normal	30.86	27.24	21.42	6.70	24.16	21.86	36.70	43.05	40.84	45.37	48.11	41.82	388.13
1955	Dry	32.26	28.49	22.41	5.98	9.72	18.55	33.32	38.48	38.65	41.38	42.12	36.57	347.93
1956	Wet	27.86	24.53	19.23	33.10	51.34	57.73	41.77	46.98	46.33	47.76	47.34	44.71	488.68
1957	Above Normal	40.88	37.19	36.41	32.39	31.52	33.35	37.93	44.60	30.76	50.11	52.30	45.55	472.99
1958	Wet	35.26	31.35	24.80	4.91	40.22	42.84	57.12	58.76	57.90	59.73	59.40	56.15	528.44
1959	Below Normal	52.25	16.28	55.23	22.31	23.47	23.43	32.78	37.46	1.69	48.40	48.65	42.16	404.11
1960	Dry	32.37	28.50	22.54	4.26	5.13	14.18	41.92	47.47	36.50	53.13	41.88	51.02	378.90
1961	Dry	41.27	36.99	30.92	8.65	10.15	12.35	33.97	38.99	39.42	42.05	34.56	22.69	352.01
1962	Below Normal	0.58	33.06	37.56	4.46	5.47	18.76	35.94	41.87	3.80	53.42	54.04	47.01	335.97
1963	Wet	36.48	32.44	25.82	29.90	35.44	35.97	35.40	38.05	37.57	39.27	39.15	36.04	421.53
1964	Dry	30.98	27.76	25.67	23.24	50.85	37.54	38.75	40.58	40.14	41.87	41.73	38.51	437.62
1965	Wet	33.56	30.19	28.23	34.31	48.19	43.74	36.98	39.18	24.88	43.21	43.12	39.53	445.12
1966	Below Normal	33.94	30.50	27.97	43.50	45.91	35.01	34.56	39.33	39.39	41.79	42.20	37.27	451.37
1967	Wet	29.68	26.20	21.80	10.55	48.32	47.62	56.35	58.19	57.37	59.24	58.87	55.67	529.86
1968	Below Normal	51.69	47.29	46.45	24.20	29.72	25.30	33.39	38.36	1.89	49.47	49.65	43.10	440.51
1969	Wet	33.08	29.17	23.06	27.56	49.57	57.50	51.76	54.92	55.38	57.13	56.72	53.60	549.45
1970	Wet	49.61	45.34	44.55	51.12	49.55	57.36	39.33	40.97	40.32	41.58	41.17	38.80	539.70
1971	Wet	35.11	31.80	31.05	48.67	49.52	42.61	34.57	39.45	39.52	41.95	42.27	37.47	473.99
1972	Below Normal	30.01	26.56	22.34	17.63	38.52	34.96	36.17	41.13	41.41	44.05	44.58	39.06	416.42
1973	Above Normal	30.63	27.05	21.95	8.39	43.70	44.23	37.54	43.83	43.15	44.38	44.03	41.56	430.44
1974	Wet	37.83	34.39	33.61	49.55	49.58	57.37	54.48	44.45	43.88	45.16	44.75	42.25	537.30
1975	Wet	38.48	34.88	34.11	41.93	35.90	49.76	42.29	43.24	42.49	43.77	43.45	41.08	491.38
1976	Critical	37.31	34.00	33.21	26.75	28.02	24.89	37.35	43.34	37.11	48.11	35.04	46.90	432.03
1977	Critical	36.34	32.26	21.09	4.38	5.27	8.25	14.19	3.41	0.00	2.66	2.41	2.68	132.94
1978	Above Normal	0.63	18.58	30.90	4.11	9.99	38.66	40.75	43.66	43.17	44.92	44.86	41.48	361.71
1979	Below Normal	36.50	32.97	30.99	23.09	23.27	49.62	43.72	44.94	44.14	45.46	45.15	42.72	462.57
1980	Above Normal	38.95	35.52	34.72	37.64	51.34	57.56	52.28	57.89	57.09	58.97	58.56	55.39	595.91
1981	Dry	51.47	39.20	50.73	23.73	23.92	22.11	34.33	40.61	3.39	51.91	52.40	45.55	439.35
1982	Wet	35.17	31.19	24.78	25.69	36.77	42.68	55.84	57.38	56.63	58.36	57.94	54.75	537.18
1983	Wet	50.83	46.47	45.65	51.12	49.58	57.46	50.63	53.82	54.34	56.00	55.63	52.57	624.10
1984	Wet	53.26	47.28	55.31	51.12	51.31	57.35	34.67	41.51	40.73	42.16	41.75	39.39	555.84
1985	Dry	35.60	32.31	39.61	41.09	36.79	38.30	39.11	40.92	40.36	41.57	41.16	38.78	465.60
1986	Wet	35.12	31.86	31.07	26.30	33.37	57.71	53.50	58.79	57.83	59.72	59.27	56.03	560.57
1987	Dry	52.37	15.44	55.18	19.34	18.35	12.50	18.38	21.74	22.02	22.00	19.95	16.97	294.24
1988	Critical	8.79	6.68	5.72	2.04	7.77	8.39	14.51	17.46	17.46	17.69	15.89	13.49	135.89
1989	Dry	6.84	5.10	4.40	2.48	8.09	11.29	43.86	46.94	46.60	48.80	46.67	45.31	316.38
1990	Critical	39.16	35.44	32.57	17.81	17.46	14.57	20.70	24.78	25.28	25.35	22.88	19.46	295.46
1991	Critical	10.36	7.70	6.56	2.51	5.30	8.28	14.90	17.33	17.37	17.56	15.81	13.49	137.17
1992	Critical	6.89	5.15	4.45	1.73	4.24	8.31	19.15	22.84	23.10	23.14	20.36	18.09	157.45
1993	Above Normal	6.65	5.10	9.14	4.08	36.10	37.72	37.49	40.92	16.00	47.68	47.99	43.28	332.15
1994	Critical	36.13	32.39	28.54	16.16	17.61	23.11	37.52	43.36	29.35	49.90	11.65	31.44	357.16
1995	Wet	2.87	25.53	47.13	4.42	28.12	26.55	52.47	53.81	52.87	54.61	54.35	51.44	454.17
1996	Wet	47.58	22.53	37.54	21.28	20.76	37.59	40.36	40.99	40.20	41.53	41.20	38.87	430.43
1997	Wet	35.18	32.02	31.25	48.23	49.55	57.51	46.50	47.85	47.05	48.55	48.17	45.50	537.36
1998	Wet	41.66	37.95	37.16	32.17	49.52	56.44	44.16	44.14	43.29	44.89	44.58	42.08	518.04
1999	Wet	38.27	40.20	38.44	49.61	49.55	44.86	34.86	41.27	40.52	42.02	41.67	39.25	500.52
2000	Above Normal	35.52	32.23	31.45	29.35	46.90	36.81	38.98	42.47	42.20	44.59	44.79	40.51	465.80
2001	Dry	34.00	30.53	27.27	15.59	15.58	15.44	26.80	32.80	33.62	33.98	31.19	26.62	323.42
2002	Dry	15.53	11.83	9.31	4.43	10.02	18.44	44.87	45.79	44.73	46.41	28.84	48.33	328.53
2003	Above Normal	11.20	13.92	42.73	6.68	11.58	19.17	33.08	38.10	1.41	49.30	49.54	42.95	319.66
	Average	32.48	28.23	29.28	21.78	28.71	32.86	37.32	41.14	36.13	44.00	41.85	39.20	413.00
	Wet	37.07	33.71	32.98	33.78	43.13	48.16	45.10	47.47	45.53	48.88	48.60	45.54	509.96
	Above Normal	28.21	26.80	31.10	18.39	31.31	35.75	39.48	44.11	36.42	47.15	47.77	43.43	429.92
	Below Normal	34.87	30.16	31.83	22.87	27.28	34.92	37.17	41.07	29.10	47.64	47.79	43.04	427.74
	Dry	31.35	23.60	27.41	13.72	16.97	20.15	34.78	39.95	35.49	42.88	37.63	38.08	362.02
	Critical	25.71	22.51	19.28	9.99	14.15	13.51	22.31	26.33	24.67	27.69	20.72	18.41	245.26

Energy Use (GWh) At Pumping Plant at Buena Vista: Alternative1_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	60.12	51.69	41.64	10.19	33.84	38.87	38.65	39.86	41.97	43.43	43.16	40.53	483.95
1923	Below Normal	36.22	33.02	31.74	48.38	48.23	38.60	33.92	39.23	41.93	44.57	44.96	39.97	480.77
1924	Critical	32.16	28.67	24.10	12.34	10.29	12.43	19.08	23.33	23.73	23.75	21.43	18.21	249.52
1925	Dry	9.44	7.12	6.09	2.32	5.86	22.37	34.68	44.90	45.93	49.01	49.99	43.47	321.18
1926	Dry	33.82	30.03	23.87	5.04	7.20	16.20	25.44	37.10	37.38	39.88	40.69	35.28	331.93
1927	Wet	26.88	23.65	18.50	5.49	22.06	43.32	41.35	42.56	44.47	45.85	45.52	43.14	402.79
1928	Above Normal	39.44	36.16	35.36	28.51	30.99	23.04	47.01	48.08	48.16	49.71	49.47	46.88	482.81
1929	Critical	43.12	39.67	38.82	27.08	24.25	15.07	17.76	25.56	26.00	26.08	23.59	4.04	311.04
1930	Dry	12.21	14.56	12.71	4.19	6.93	11.34	28.57	34.04	34.84	35.71	34.05	29.24	258.39
1931	Critical	18.91	15.34	11.78	4.20	6.76	12.21	23.25	28.24	28.81	28.94	26.10	22.14	226.68
1932	Dry	12.10	8.82	7.51	4.28	9.04	30.33	25.62	34.28	37.22	39.42	39.75	34.84	283.21
1933	Critical	26.43	23.39	18.72	7.00	35.80	13.71	22.72	33.84	34.47	35.69	34.31	29.48	315.56
1934	Critical	19.52	15.96	12.30	4.33	6.24	12.81	26.53	32.43	33.28	33.34	19.04	1.47	217.25
1935	Below Normal	29.01	22.80	17.09	4.34	8.94	16.41	43.44	46.34	48.42	50.43	50.58	46.48	384.28
1936	Below Normal	40.46	36.86	34.15	20.66	21.19	57.46	40.89	47.07	48.89	50.42	50.11	47.51	495.67
1937	Below Normal	43.71	40.21	39.36	27.26	49.39	49.07	50.90	56.61	58.30	60.13	59.85	56.82	591.61
1938	Wet	52.92	48.90	45.31	30.77	49.54	57.62	58.37	58.91	57.93	62.71	62.27	58.99	644.24
1939	Dry	55.16	50.76	49.95	39.00	34.95	25.01	33.46	38.38	4.17	52.02	27.33	44.85	455.04
1940	Above Normal	15.69	11.30	48.39	6.77	6.02	20.32	38.11	45.24	37.57	51.18	54.80	47.96	383.35
1941	Wet	37.84	33.84	26.14	15.48	35.83	41.93	45.63	46.80	48.69	50.24	49.85	47.22	479.49
1942	Wet	43.43	39.84	37.60	48.88	49.52	50.01	35.65	38.84	41.45	43.59	43.69	39.57	512.07
1943	Wet	33.15	29.78	26.47	36.40	44.78	41.77	50.32	51.55	53.39	55.11	54.72	51.88	529.32
1944	Dry	48.02	3.08	60.11	20.43	16.86	16.54	29.16	34.65	36.30	37.70	36.63	31.77	371.25
1945	Below Normal	21.84	18.34	14.50	8.47	8.89	53.60	40.72	45.75	47.65	49.14	48.80	46.30	404.00
1946	Below Normal	42.51	39.05	38.22	52.07	49.54	55.10	35.57	37.35	39.32	40.86	40.62	37.87	508.08
1947	Dry	33.32	30.22	28.65	24.81	25.06	20.80	46.96	47.97	47.43	48.91	48.67	46.16	448.96
1948	Below Normal	42.39	38.93	38.09	23.64	21.77	14.41	23.07	19.53	4.96	52.66	53.37	46.62	379.44
1949	Dry	36.20	32.32	25.62	6.87	8.44	14.61	41.33	46.75	47.11	50.00	30.42	50.78	390.45
1950	Below Normal	39.42	18.76	24.26	5.71	6.29	12.51	35.21	40.52	1.82	52.55	52.95	45.94	335.94
1951	Above Normal	35.59	31.49	24.84	51.12	49.55	57.36	35.23	41.70	43.76	45.03	44.65	42.27	502.59
1952	Wet	38.54	35.21	34.44	51.45	51.32	57.16	46.54	45.66	44.98	49.09	48.69	46.11	549.19
1953	Wet	42.38	38.73	37.97	53.25	49.52	45.06	33.63	39.42	41.55	44.37	44.80	39.48	510.16
1954	Above Normal	31.13	27.60	22.54	10.91	32.84	23.79	36.53	43.02	43.29	46.42	47.18	40.97	406.22
1955	Dry	31.57	27.84	21.85	5.78	9.98	18.99	34.08	39.39	39.60	42.39	43.15	37.46	352.08
1956	Wet	28.61	25.21	19.79	27.64	51.34	57.73	41.92	47.11	49.18	50.61	50.19	47.56	496.89
1957	Above Normal	43.72	40.03	39.25	35.14	31.51	32.78	37.92	44.58	32.37	52.30	54.58	47.82	492.00
1958	Wet	37.51	33.59	27.03	7.08	40.19	42.81	57.09	58.73	60.59	62.42	62.10	58.86	548.00
1959	Below Normal	54.94	18.46	57.91	25.07	23.47	23.44	32.78	37.46	1.88	48.60	48.84	42.36	415.21
1960	Dry	32.57	28.69	22.73	4.46	5.14	14.13	41.93	47.48	36.55	53.13	42.02	50.97	379.80
1961	Dry	41.23	36.96	30.90	8.67	10.17	12.35	33.97	38.99	39.43	42.05	34.54	22.70	351.96
1962	Below Normal	0.58	32.98	37.45	4.46	5.47	18.77	35.94	41.87	6.29	55.92	56.54	49.51	345.78
1963	Wet	38.98	34.94	28.32	32.41	35.44	35.97	35.40	38.05	40.29	41.99	41.87	38.76	442.42
1964	Dry	33.70	30.49	28.40	26.00	50.85	37.55	38.75	40.58	40.13	41.86	41.73	38.51	448.55
1965	Wet	33.56	30.19	28.24	34.31	48.19	43.74	36.98	39.18	27.52	45.96	45.87	42.27	456.01
1966	Below Normal	36.67	33.23	30.69	46.19	45.88	35.01	34.56	39.33	41.06	43.45	43.86	38.94	468.87
1967	Wet	31.35	27.87	23.47	12.23	48.32	47.63	56.35	58.19	57.37	61.97	61.59	58.39	544.73
1968	Below Normal	54.41	42.49	52.41	24.85	27.28	24.67	33.53	38.53	4.08	51.53	51.72	45.17	450.67
1969	Wet	35.14	31.24	25.11	27.45	49.56	57.50	50.60	56.20	55.43	59.91	59.50	56.38	564.02
1970	Wet	52.39	48.12	47.33	51.12	49.54	57.30	43.54	40.68	42.75	44.01	43.60	41.24	561.62
1971	Wet	37.56	34.28	33.52	51.38	49.52	43.33	34.59	39.30	40.76	43.14	43.42	38.74	489.54
1972	Below Normal	31.46	28.03	23.96	19.98	38.83	35.19	36.21	41.14	41.41	44.04	44.56	39.07	423.88
1973	Above Normal	30.68	27.10	22.03	8.55	43.70	44.23	37.54	43.83	45.75	46.99	46.63	44.16	441.19
1974	Wet	40.43	36.99	36.22	52.15	49.58	57.36	54.15	44.32	46.48	47.75	47.34	44.85	557.62
1975	Wet	41.08	37.50	36.72	44.88	35.97	49.70	42.22	43.17	45.05	46.32	45.99	43.63	512.23
1976	Critical	39.87	36.55	35.76	29.34	28.01	24.94	37.44	43.44	37.37	48.19	34.93	47.03	442.87
1977	Critical	36.49	32.34	20.42	4.38	5.27	8.25	14.19	3.32	0.00	2.64	2.41	2.70	132.41
1978	Above Normal	0.63	18.58	30.81	4.11	9.99	36.16	40.25	44.22	46.75	48.91	49.11	44.79	374.31
1979	Below Normal	38.47	34.79	31.63	21.54	19.42	46.36	41.98	43.08	44.99	46.26	45.96	43.63	458.11
1980	Above Normal	39.88	36.58	35.79	39.97	51.33	57.52	42.71	49.40	51.37	53.02	52.61	49.84	560.02
1981	Dry	46.05	42.14	41.36	34.44	42.33	33.85	37.55	44.39	41.31	51.25	51.93	45.62	512.22
1982	Wet	36.10	32.25	26.32	29.40	37.90	42.65	55.83	57.37	59.34	61.07	60.65	57.46	556.34
1983	Wet	53.54	46.46	45.63	51.12	49.58	57.46	54.98	52.23	51.56	56.00	58.36	55.29	632.21
1984	Wet	53.26	47.28	43.43	51.12	51.31	57.35	34.67	41.51	43.46	44.88	44.47	42.11	554.85
1985	Dry	38.33	35.04	42.33	43.82	36.79	38.30	39.11	40.92	41.86	43.07	42.66	40.28	482.51
1986	Wet	36.62	33.36	32.57	27.80	27.60	57.64	56.21	58.92	60.55	62.56	62.07	58.83	574.73
1987	Dry	55.31	13.29	57.90	22.05	18.33	12.49	18.37	21.73	22.01	21.99	19.94	16.96	300.37
1988	Critical	8.78	6.67	5.72	2.04	7.78	8.39	14.51	17.65	17.66	17.89	16.07	13.64	136.80
1989	Dry	6.93	5.17	4.46	2.46	8.08	11.22	43.78	46.99	46.68	48.92	44.36	46.03	315.08
1990	Critical	39.70	35.94	32.92	17.40	17.17	14.52	20.83	24.97	25.48	25.54	23.05	19.61	297.13
1991	Critical	10.46	7.77	6.61	2.54	5.30	8.28	14.90	17.33	17.37	17.56	15.81	13.49	137.42
1992	Critical	6.89	5.15	4.45	1.73	4.24	8.31	18.87	22.47	22.70	22.75	20.03	17.78	155.37
1993	Above Normal	7.03	5.11	8.54	3.79	36.16	37.83	37.51	40.89	19.20	50.22	50.50	45.89	342.67
1994	Critical	38.83	35.10	31.27	19.09	17.79	23.13	37.48	43.31	30.05	49.69	11.65	31.46	368.85
1995	Wet	2.80	25.49	47.16	4.42	28.12	26.55	52.47	53.81	55.59	52.20	58.11	55.17	461.89
1996	Wet	30.75	3.08	30.22	24.04	20.74	37.58	40.24	40.87	42.79	44.12	43.80	41.47	399.70
1997	Wet	37.78	34.62	33.45	48.22	49.55	57.51	46.48	47.84	49.76	51.27	50.89	48.22	555.59
1998	Wet	44.38	40.66	39.87	34.86	49.52	56.43	44.14	43.89	43.05	44.63	47.05	44.56	533.04
1999	Wet	40.76	42.70	39.58	52.31	49.55	44.86	34.86	41.26	43.24	44.74	44.39	41.98	520.23
2000	Above Normal	38.24	34.95	34.17	32.07	46.92	36.37	38.91	42.54	44.65	47.09	47.32	42.94	486.17
2001	Dry	36.28	32.79	29.40	17.43	15.16	15.32	26.83	32.81	33.64	34.00	31.24	26.67	331.57
2002	Dry	15.59	11.89	9.34	4.46	10.02	18.44	44.82	45.74	44.67	46.35	28.15	48.44	327.91
2003	Above Normal	12.27	13.93	42.75	6.68	11.58	19.17	33.08	38.10	2.16	50.05	50.30	43.71	323.78
	Average	33.58	29.17	30.17	22.98	28.94	33.02	37.30	40.91	37.91	45.14	43.16	40.45	422.73
	Wet	37.99	34.45	33.48	34.83	43.23	48.77	45.55	47.17	47.97	50.64	50.80	47.78	522.65
	Above Normal	29.54	27.88	32.18	19.82	32.04	35.62	38.62	43.46	38.08	48.70	49.19	44.81	439.92
	Below Normal	36.58	31.28	33.68	23.76	26.76	34.33	37.05	40.99	30.79	49.33	49.48	44.73	438.74
	Dry	32.10	24.51	27.95	15.36	17.84	20.55	34.69	39.84	37.57	43.20	38.18	38.34	370.14
	Critical	26.76	23.55	20.24	10.96	14.08	13.50	22.30	26.32	24.74	27.67	20.70	18.42	249.24

Difference in Energy Use (GWh) At Pumping Plant at Buena Vista: Alternative1_2020 minus CONV_NA

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	2.72	2.73	2.73	2.73	0.91
1923	Below Normal	2.72	2.72	2.72	0.21	(0.02)	(0.25)	0.00	0.03	2.75	2.77	2.77	2.74	1.60
1924	Critical	2.71	2.71	2.67	2.59	(0.11)	(0.03)	0.01	0.01	0.01	0.01	0.01	0.00	0.88
1925	Dry	0.01	0.00	0.01	0.00	(0.01)	(0.15)	0.02	0.03	0.60	0.59	0.60	0.59	0.19
1926	Dry	0.59	0.59	0.59	0.57	(0.01)	(0.01)	(0.03)	(0.02)	(0.03)	(0.03)	(0.02)	(0.03)	0.18
1927	Wet	(0.02)	(0.01)	(0.01)	0.00	(0.03)	0.00	0.01	0.00	2.72	2.72	2.72	2.72	0.90
1928	Above Normal	2.72	2.72	2.73	2.72	(0.03)	0.00	0.00	0.00	1.13	1.13	1.14	1.13	1.28
1929	Critical	1.14	1.14	1.14	1.13	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	0.37
1930	Dry	(0.01)	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1932	Dry	0.00	(0.01)	(0.01)	0.00	0.00	0.67	0.00	0.00	2.72	2.72	2.72	2.73	0.96
1933	Critical	2.72	2.73	2.69	2.70	(0.64)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.85
1934	Critical	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	(0.02)	(0.07)	0.00	(0.01)
1935	Below Normal	(0.04)	(0.01)	(0.02)	0.00	(0.01)	(0.08)	(0.11)	0.05	2.40	2.46	2.50	2.36	0.79
1936	Below Normal	2.19	2.17	2.00	1.77	(0.50)	(0.02)	0.01	0.01	2.74	2.73	2.73	2.73	1.55
1937	Below Normal	2.73	2.73	2.73	0.00	0.00	(0.01)	0.00	0.00	2.73	2.73	2.73	2.73	1.59
1938	Wet	2.73	2.72	0.01	(0.67)	(0.01)	(0.08)	1.18	0.37	0.07	3.13	3.10	3.01	1.30
1939	Dry	3.17	3.15	3.16	5.12	(1.26)	(4.13)	(5.58)	(6.76)	(8.27)	(1.30)	5.76	(4.06)	(0.92)
1940	Above Normal	4.63	2.89	3.08	2.49	0.02	0.00	0.01	0.01	2.42	2.29	2.36	2.36	1.88
1941	Wet	2.36	2.36	1.21	(0.01)	0.00	(0.17)	(0.16)	(0.16)	2.56	2.55	2.56	2.56	1.31
1942	Wet	2.56	2.57	1.11	(0.01)	0.00	(0.15)	0.00	0.00	2.72	2.72	2.72	2.72	1.41
1943	Wet	2.72	2.72	2.72	(0.01)	(0.38)	(0.35)	(0.26)	(0.28)	2.45	2.43	2.44	2.45	1.39
1944	Dry	2.46	2.11	3.30	1.28	(1.29)	(0.42)	(0.01)	(0.01)	1.24	1.24	1.24	1.24	1.03
1945	Below Normal	1.24	1.25	1.25	1.25	0.00	(3.85)	0.06	0.06	2.79	2.78	2.79	2.79	1.03
1946	Below Normal	2.78	2.78	2.79	2.72	0.00	(0.10)	(0.13)	0.07	2.64	2.71	2.73	2.60	1.80
1947	Dry	2.40	2.38	2.19	1.83	0.05	(0.66)	0.12	0.13	0.63	0.64	0.64	0.64	0.92
1948	Below Normal	0.63	0.62	0.63	(0.44)	(0.84)	(0.31)	0.01	0.27	(0.04)	0.03	0.00	0.08	0.05
1949	Dry	0.05	0.03	(0.11)	(0.02)	(0.02)	(0.03)	(0.10)	0.01	0.04	0.07	(0.28)	0.13	(0.02)
1950	Below Normal	0.07	0.13	0.17	0.00	0.00	0.00	0.00	0.00	0.25	0.25	0.26	0.26	0.12
1951	Above Normal	0.25	0.26	0.00	0.00	0.00	0.00	0.03	0.03	2.76	2.76	2.76	2.75	0.97
1952	Wet	2.75	2.76	2.75	2.72	0.00	0.00	(0.20)	(7.91)	(7.69)	(5.39)	(5.38)	(4.98)	(1.71)
1953	Wet	(4.87)	(4.36)	(4.33)	3.07	7.81	16.06	1.28	1.16	25.05	(1.55)	(1.51)	(0.84)	3.08
1954	Above Normal	0.27	0.36	1.12	4.21	8.68	1.93	(0.17)	(0.03)	2.45	1.05	(0.93)	(0.85)	1.51
1955	Dry	(0.69)	(0.65)	(0.56)	(0.20)	0.26	0.44	0.76	0.91	0.95	1.01	1.03	0.89	0.35
1956	Wet	0.75	0.68	0.56	(5.46)	0.00	0.00	0.15	0.13	2.85	2.85	2.85	2.85	0.68
1957	Above Normal	2.84	2.84	2.84	2.75	(0.01)	(0.57)	(0.01)	(0.02)	1.61	2.19	2.28	2.27	1.58
1958	Wet	2.25	2.24	2.23	2.17	(0.03)	(0.03)	(0.03)	(0.03)	2.69	2.69	2.70	2.71	1.63
1959	Below Normal	2.69	2.18	2.68	2.76	0.00	0.01	0.00	0.00	0.19	0.20	0.19	0.20	0.93
1960	Dry	0.20	0.19	0.19	0.20	0.01	(0.05)	0.01	0.01	0.05	0.00	0.14	(0.05)	0.07
1961	Dry	(0.04)	(0.03)	(0.02)	0.02	0.02	0.00	0.00	0.00	0.01	0.00	(0.02)	0.01	0.00
1962	Below Normal	0.00	(0.08)	(0.11)	0.00	0.00	0.01	0.00	0.00	2.49	2.50	2.50	2.50	0.82
1963	Wet	2.50	2.50	2.50	2.51	0.00	0.00	0.00	0.00	2.72	2.72	2.72	2.72	1.74
1964	Dry	2.72	2.73	2.73	2.76	0.00	0.01	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.91
1965	Wet	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	2.64	2.75	2.75	2.74	0.91
1966	Below Normal	2.73	2.73	2.72	2.69	(0.03)	0.00	0.00	0.00	1.67	1.66	1.66	1.67	1.46
1967	Wet	1.67	1.67	1.67	1.68	0.00	0.01	0.00	0.00	0.00	2.73	2.72	2.72	1.24
1968	Below Normal	2.72	(4.80)	5.96	0.65	(2.44)	(0.63)	0.14	0.17	2.19	2.06	2.07	2.07	0.85
1969	Wet	2.06	2.07	2.05	(0.11)	(0.01)	0.00	(1.16)	1.28	0.05	2.78	2.78	2.78	1.21
1970	Wet	2.78	2.78	2.78	0.00	(0.01)	(0.06)	4.21	(0.29)	2.43	2.43	2.43	2.44	1.83
1971	Wet	2.45	2.48	2.47	2.71	0.00	0.72	0.02	(0.15)	1.24	1.19	1.15	1.27	1.30
1972	Below Normal	1.45	1.47	1.62	2.35	0.31	0.23	0.04	0.01	0.00	(0.01)	(0.02)	0.01	0.62
1973	Above Normal	0.05	0.05	0.08	0.16	0.00	0.00	0.00	0.00	2.60	2.61	2.60	2.60	0.90
1974	Wet	2.60	2.60	2.61	2.60	0.00	(0.01)	(0.33)	(0.13)	2.60	2.59	2.59	2.60	1.69
1975	Wet	2.60	2.62	2.61	2.95	0.07	(0.06)	(0.07)	(0.07)	2.56	2.55	2.54	2.55	1.74
1976	Critical	2.56	2.55	2.55	2.59	(0.01)	0.05	0.09	0.10	0.26	0.08	(0.11)	0.13	0.90
1977	Critical	0.15	0.08	(0.67)	0.00	0.00	0.00	0.00	(0.09)	0.00	(0.02)	0.00	0.02	(0.04)
1978	Above Normal	0.00	0.00	(0.09)	0.00	0.00	(2.50)	(0.50)	0.56	3.58	3.99	4.25	3.31	1.05
1979	Below Normal	1.97	1.82	0.64	(1.55)	(3.85)	(3.26)	(1.74)	(1.86)	0.85	0.80	0.81	0.91	(0.37)
1980	Above Normal	0.93	1.06	1.07	2.33	(0.01)	(0.04)	(9.57)	(8.49)	(5.72)	(5.95)	(5.95)	(5.55)	(2.99)
1981	Dry	(5.42)	2.94	(9.37)	10.71	18.41	11.74	3.22	3.78	37.92	(0.66)	(0.47)	0.07	6.07
1982	Wet	0.93	1.06	1.54	3.71	1.13	(0.03)	(0.01)	(0.01)	2.71	2.71	2.71	2.71	1.60
1983	Wet	2.71	(0.01)	(0.02)	0.00	0.00	0.00	4.35	(1.59)	(2.78)	0.00	2.73	2.72	0.68
1984	Wet	0.00	0.00	(11.88)	0.00	0.00	0.00	0.00	0.00	2.73	2.72	2.72	2.72	(0.08)
1985	Dry	2.73	2.73	2.72	2.73	0.00	0.00	0.00	0.00	1.50	1.50	1.50	1.50	1.41
1986	Wet	1.50	1.50	1.50	1.50	(5.77)	(0.07)	2.71	0.13	2.72	2.84	2.80	2.80	1.18
1987	Dry	2.94	(2.15)	2.72	2.71	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.51
1988	Critical	(0.01)	(0.01)	0.00	0.00	0.01	0.00	0.00	0.19	0.20	0.20	0.18	0.15	0.08
1989	Dry	0.09	0.07	0.06	(0.02)	(0.01)	(0.07)	(0.08)	0.05	0.08	0.12	(2.31)	0.72	(0.11)
1990	Critical	0.54	0.50	0.35	(0.41)	(0.29)	(0.05)	0.13	0.19	0.20	0.19	0.17	0.15	0.14
1991	Critical	0.10	0.07	0.05	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.28)	(0.37)	(0.40)	(0.39)	(0.33)	(0.31)	(0.17)
1993	Above Normal	0.38	0.01	(0.60)	(0.29)	0.06	0.11	0.02	(0.03)	3.20	2.54	2.51	2.61	0.88
1994	Critical	2.70	2.71	2.73	2.93	0.18	0.02	(0.04)	(0.05)	0.70	(0.21)	0.00	0.02	0.97
1995	Wet	(0.07)	(0.04)	0.03	0.00	0.00	0.00	0.00	0.00	2.72	(2.41)	3.76	3.73	0.64
1996	Wet	(16.83)	(19.45)	(7.32)	2.76	(0.02)	(0.01)	(0.12)	(0.12)	2.59	2.59	2.60	2.60	(2.56)
1997	Wet	2.60	2.60	2.20	(0.01)	0.00	0.00	(0.02)	(0.01)	2.71	2.72	2.72	2.72	1.52
1998	Wet	2.72	2.71	2.71	2.69	0.00	(0.01)	(0.02)	(0.25)	(0.24)	(0.26)	2.47	2.48	1.25
1999	Wet	2.49	2.50	1.14	2.70	0.00	0.00	0.00	(0.01)	2.72	2.72	2.72	2.73	1.64
2000	Above Normal	2.72	2.72	2.72	2.72	0.02	(0.44)	(0.07)	0.07	2.45	2.50	2.53	2.43	1.70
2001	Dry	2.28	2.26	2.13	1.84	(0.42)	(0.12)	0.03	0.01	0.02	0.02	0.05	0.05	0.68
2002	Dry	0.06	0.06	0.03	0.03	0.00	0.00	(0.05)	(0.05)	(0.06)	(0.06)	(0.69)	0.11	(0.05)
2003	Above Normal	1.07	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.75	0.75	0.76	0.76	0.34
	Average	1.10	0.94	0.89	1.20	0.23	0.16	(0.03)	(0.23)	1.77	1.14	1.31	1.26	0.81
	Wet	0.92	0.74	0.49	1.06	0.11	0.61	0.44	(0.31)	2.44	1.75	2.20	2.24	1.06
	Above Normal	1.32	1.08	1.08	1.42	0.73	(0.13)	(0.86)	(0.66)	1.66	1.55	1.42	1.38	0.83
	Below Normal	1.71	1.12	1.84	0.89	(0.53)	(0.59)	(0.12)	(0.09)	1.69	1.69	1.69	1.69	0.92
	Dry	0.75	0.91	0.54	1.64	0.87	0.40	(0.09)	(0.11)	2.08	0.32	0.55	0.25	0.68
	Critical	1.05	1.04	0.96	0.96	(0.07)	(0.00)	(0.01)	(0.00)	0.08	(0.02)	(0.01)	0.01	0.33

Percent Difference in Energy Use (GWh) At Pumping Plant at Buena Vista: Alternative1_2020 minus CONV_NA

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%	7%	7%	7%	7%
1923	Below Normal	8%	9%	9%	0%	0%	-1%	0%	0%	7%	7%	7%	7%
1924	Critical	9%	10%	12%	27%	-1%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	1%	1%	1%	1%
1926	Dry	2%	2%	3%	13%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	7%	6%	6%	7%
1928	Above Normal	7%	8%	8%	11%	0%	0%	0%	0%	2%	2%	2%	2%
1929	Critical	3%	3%	3%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	2%	0%	0%	8%	7%	7%	9%
1933	Critical	11%	13%	17%	63%	-2%	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%	5%	5%	5%	5%
1936	Below Normal	6%	6%	6%	9%	-2%	0%	0%	0%	6%	6%	6%	6%
1937	Below Normal	7%	7%	7%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1938	Wet	5%	6%	0%	-2%	0%	0%	2%	1%	0%	5%	5%	5%
1939	Dry	6%	7%	7%	15%	-3%	-14%	-14%	-15%	-66%	-2%	27%	-8%
1940	Above Normal	42%	34%	7%	58%	0%	0%	0%	0%	7%	5%	5%	5%
1941	Wet	7%	7%	5%	0%	0%	0%	0%	0%	6%	5%	5%	6%
1942	Wet	6%	7%	3%	0%	0%	0%	0%	0%	7%	7%	7%	7%
1943	Wet	9%	10%	11%	0%	-1%	-1%	-1%	-1%	5%	5%	5%	5%
1944	Dry	5%	218%	6%	7%	-7%	-2%	0%	0%	4%	3%	4%	4%
1945	Below Normal	6%	7%	9%	17%	0%	-7%	0%	0%	6%	6%	6%	6%
1946	Below Normal	7%	8%	8%	6%	0%	0%	0%	0%	7%	7%	7%	7%
1947	Dry	8%	9%	8%	8%	0%	-3%	0%	0%	1%	1%	1%	1%
1948	Below Normal	2%	2%	2%	-2%	-4%	-2%	0%	1%	-1%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1950	Below Normal	0%	1%	1%	0%	0%	0%	0%	0%	16%	0%	0%	1%
1951	Above Normal	1%	1%	0%	0%	0%	0%	0%	0%	7%	7%	7%	7%
1952	Wet	8%	9%	9%	6%	0%	0%	0%	-15%	-15%	-10%	-10%	-10%
1953	Wet	-10%	-10%	-10%	6%	19%	55%	4%	3%	152%	-3%	-3%	-2%
1954	Above Normal	1%	1%	5%	63%	36%	9%	0%	0%	6%	2%	-2%	-2%
1955	Dry	-2%	-2%	-2%	-3%	3%	2%	2%	2%	2%	2%	2%	2%
1956	Wet	3%	3%	3%	-16%	0%	0%	0%	0%	6%	6%	6%	6%
1957	Above Normal	7%	8%	8%	8%	0%	-2%	0%	0%	5%	4%	4%	5%
1958	Wet	6%	7%	9%	44%	0%	0%	0%	0%	5%	5%	5%	5%
1959	Below Normal	5%	13%	5%	12%	0%	0%	0%	0%	11%	0%	0%	0%
1960	Dry	1%	1%	1%	5%	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%	66%	5%	5%	5%
1963	Wet	7%	8%	10%	8%	0%	0%	0%	0%	7%	7%	7%	8%
1964	Dry	9%	10%	11%	12%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	11%	6%	6%	7%
1966	Below Normal	8%	9%	10%	6%	0%	0%	0%	0%	4%	4%	4%	4%
1967	Wet	6%	6%	8%	16%	0%	0%	0%	0%	0%	5%	5%	5%
1968	Below Normal	5%	-10%	13%	3%	-8%	-2%	0%	0%	116%	4%	4%	5%
1969	Wet	6%	7%	9%	0%	0%	0%	-2%	2%	0%	5%	5%	5%
1970	Wet	6%	6%	6%	0%	0%	0%	11%	-1%	6%	6%	6%	6%
1971	Wet	7%	8%	8%	6%	0%	2%	0%	0%	3%	3%	3%	3%
1972	Below Normal	5%	6%	7%	13%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	2%	0%	0%	0%	0%	6%	6%	6%	6%
1974	Wet	7%	8%	8%	5%	0%	0%	-1%	0%	6%	6%	6%	6%
1975	Wet	7%	8%	8%	7%	0%	0%	0%	0%	6%	6%	6%	6%
1976	Critical	7%	7%	8%	10%	0%	0%	0%	0%	1%	0%	0%	0%
1977	Critical	0%	0%	-3%	0%	0%	0%	0%	-3%	0%	-1%	0%	1%
1978	Above Normal	0%	0%	0%	0%	0%	-6%	-1%	1%	8%	9%	9%	8%
1979	Below Normal	5%	6%	2%	-7%	-17%	-7%	-4%	-4%	2%	2%	2%	2%
1980	Above Normal	2%	3%	3%	6%	0%	0%	-18%	-15%	-10%	-10%	-10%	-10%
1981	Dry	-11%	7%	-18%	45%	77%	53%	9%	9%	>1,000%	-1%	-1%	0%
1982	Wet	3%	3%	6%	14%	3%	0%	0%	0%	5%	5%	5%	5%
1983	Wet	5%	0%	0%	0%	0%	0%	9%	-3%	-5%	0%	5%	5%
1984	Wet	0%	0%	-21%	0%	0%	0%	0%	0%	7%	6%	7%	7%
1985	Dry	8%	8%	7%	7%	0%	0%	0%	0%	4%	4%	4%	4%
1986	Wet	4%	5%	5%	6%	-17%	0%	5%	0%	5%	5%	5%	5%
1987	Dry	6%	-14%	5%	14%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%
1989	Dry	1%	1%	1%	-1%	0%	-1%	0%	0%	0%	0%	-5%	2%
1990	Critical	1%	1%	1%	-2%	-2%	0%	1%	1%	1%	1%	1%	1%
1991	Critical	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	-1%	-2%	-2%	-2%	-2%	-2%
1993	Above Normal	6%	0%	-7%	-7%	0%	0%	0%	0%	20%	5%	5%	6%
1994	Critical	7%	8%	10%	18%	1%	0%	0%	0%	2%	0%	0%	0%
1995	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	5%	-4%	7%	7%
1996	Wet	-35%	-86%	-19%	13%	0%	0%	0%	0%	6%	6%	6%	7%
1997	Wet	7%	8%	7%	0%	0%	0%	0%	0%	6%	6%	6%	6%
1998	Wet	7%	7%	7%	8%	0%	0%	0%	-1%	-1%	-1%	6%	6%
1999	Wet	7%	6%	3%	5%	0%	0%	0%	0%	7%	6%	7%	7%
2000	Above Normal	8%	8%	9%	9%	0%	-1%	0%	0%	6%	6%	6%	6%
2001	Dry	7%	7%	8%	12%	-3%	-1%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	1%	0%	1%	0%	0%	0%	0%	0%	0%	-2%	0%
2003	Above Normal	10%	0%	0%	0%	0%	0%	0%	0%	53%	2%	2%	2%
	Average	4%	6%	3%	7%	1%	1%	0%	0%	7%	3%	3%	3%
	Wet	3%	1%	3%	5%	0%	2%	1%	-1%	9%	4%	5%	5%
	Above Normal	7%	5%	3%	13%	3%	0%	-2%	-1%	10%	4%	3%	4%
	Below Normal	5%	4%	6%	4%	-2%	-1%	0%	0%	18%	4%	4%	4%
	Dry	2%	14%	2%	7%	4%	2%	0%	0%	-3%	1%	2%	1%
	Critical	3%	4%	4%	10%	0%	0%	0%	0%	0%	0%	0%	0%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	153.98	134.87	108.71	26.62	88.69	101.12	99.38	101.54	98.38	101.94	102.14	97.37	1,214.74
1923	Below Normal	86.38	79.35	76.04	127.05	126.72	100.90	85.70	98.14	96.56	103.27	105.56	94.62	1,180.29
1924	Critical	75.02	67.60	55.84	25.52	27.17	31.95	48.57	58.15	58.25	57.89	52.52	45.96	604.44
1925	Dry	23.60	18.28	15.73	5.90	15.21	57.78	87.73	112.71	112.47	120.43	124.34	109.22	803.40
1926	Dry	84.86	76.71	60.70	11.57	18.70	41.25	64.84	93.18	92.74	99.17	102.42	89.87	836.01
1927	Wet	68.61	61.60	48.22	14.20	57.64	112.79	106.60	108.82	105.08	108.42	108.44	104.40	1,004.82
1928	Above Normal	94.94	87.66	85.59	67.81	81.23	59.18	121.47	123.30	118.91	122.70	122.95	118.42	1,204.16
1929	Critical	108.79	101.10	98.91	68.29	63.75	39.11	45.26	63.82	63.97	63.74	57.97	8.43	783.14
1930	Dry	30.89	37.95	33.18	10.85	17.98	29.01	72.70	85.13	85.97	87.83	84.52	74.19	650.20
1931	Critical	47.94	39.79	30.61	10.86	17.54	31.22	59.24	70.46	70.84	70.67	64.08	56.00	569.25
1932	Dry	30.42	22.72	19.48	11.04	23.37	76.64	64.74	86.00	85.44	91.06	92.97	81.68	685.56
1933	Critical	60.39	53.75	41.73	11.12	95.82	34.96	57.42	84.63	85.04	87.87	85.28	74.81	772.82
1934	Critical	49.53	41.40	31.96	11.22	16.19	32.79	67.60	80.94	81.90	81.50	44.94	3.49	543.46
1935	Below Normal	73.30	59.11	44.47	11.23	23.25	41.89	112.02	117.96	115.69	120.58	121.92	113.63	955.05
1936	Below Normal	98.77	90.86	84.25	49.64	56.76	150.17	105.21	120.46	116.36	120.10	120.22	115.76	1,228.56
1937	Below Normal	106.06	98.29	96.12	71.75	130.07	127.44	131.29	145.22	140.56	145.05	145.37	140.08	1,477.30
1938	Wet	130.14	121.21	118.95	82.68	130.07	150.57	147.44	149.69	145.68	149.82	149.96	144.68	1,620.89
1939	Dry	134.55	124.90	122.79	89.18	95.00	74.99	99.28	113.36	25.56	133.32	50.83	125.12	1,188.88
1940	Above Normal	26.29	21.17	118.86	11.08	15.54	51.63	96.89	113.61	85.54	121.62	132.34	116.39	910.96
1941	Wet	90.78	82.08	65.05	40.67	93.91	109.51	117.93	119.93	115.91	119.70	119.67	115.28	1,190.42
1942	Wet	105.63	97.70	95.70	128.96	130.07	130.93	90.85	97.78	95.95	101.36	102.76	94.07	1,271.76
1943	Wet	77.87	70.62	62.03	96.01	118.52	109.62	130.27	132.33	127.96	132.17	132.25	127.62	1,317.27
1944	Dry	117.77	1.79	149.30	50.35	47.66	43.74	74.22	86.77	86.59	89.91	88.16	77.53	913.79
1945	Below Normal	52.33	44.38	34.46	18.77	23.06	150.11	104.64	116.90	113.06	116.68	116.72	112.46	1,003.57
1946	Below Normal	102.79	95.10	92.96	130.17	130.07	144.20	91.37	94.70	91.59	95.19	95.41	90.65	1,254.20
1947	Dry	79.56	72.84	69.27	60.37	65.49	54.52	121.05	122.74	118.38	121.98	122.24	117.86	1,126.30
1948	Below Normal	108.24	100.52	98.34	63.36	59.42	38.18	58.72	45.83	6.92	132.53	135.63	119.40	967.09
1949	Dry	92.95	84.35	67.24	17.92	21.98	37.31	105.71	117.86	117.21	124.53	75.07	129.96	992.09
1950	Below Normal	101.10	48.21	62.85	14.86	16.33	32.00	89.54	101.73	3.71	129.26	131.89	115.89	847.37
1951	Above Normal	89.88	81.28	64.69	134.85	130.07	149.81	90.23	106.19	102.72	105.75	105.70	101.85	1,263.02
1952	Wet	92.33	85.03	83.06	128.53	134.71	149.27	120.47	136.77	132.26	136.68	136.75	131.90	1,467.76
1953	Wet	122.13	113.00	110.97	132.36	109.46	74.53	82.01	95.67	36.88	114.40	116.67	102.77	1,210.85
1954	Above Normal	78.82	70.98	55.83	17.40	63.12	55.60	93.16	107.87	100.58	112.35	120.95	106.42	983.08
1955	Dry	82.30	74.21	58.39	15.51	25.07	47.12	84.71	96.60	95.82	102.86	105.98	93.08	881.65
1956	Wet	71.06	63.87	50.09	87.24	134.71	150.56	107.20	119.80	116.18	119.61	119.54	115.31	1,255.17
1957	Above Normal	105.55	97.47	95.46	85.23	82.72	86.04	96.37	111.90	73.88	124.77	131.94	116.23	1,207.56
1958	Wet	90.19	81.74	64.69	12.67	105.45	111.46	147.25	150.28	145.80	150.24	150.59	145.15	1,355.51
1959	Below Normal	135.24	42.17	145.08	58.62	61.36	59.95	83.36	94.02	4.02	119.56	121.71	106.91	1,032.00
1960	Dry	82.29	74.13	58.66	11.04	13.29	36.23	106.98	119.75	89.21	132.91	104.52	130.88	959.89
1961	Dry	106.12	96.69	80.88	22.62	26.49	31.64	86.38	97.87	97.75	104.51	85.91	56.38	893.24
1962	Below Normal	1.26	85.09	97.49	11.54	14.16	47.66	91.42	105.15	3.86	133.91	136.84	120.29	848.67
1963	Wet	93.54	84.66	67.43	78.82	92.87	93.48	90.35	96.39	93.59	97.80	98.49	92.44	1,079.86
1964	Dry	79.59	72.58	67.16	61.06	133.50	97.36	99.51	103.18	100.47	104.78	105.39	99.04	1,123.62
1965	Wet	86.44	79.02	73.93	90.38	126.53	114.01	94.68	99.18	59.88	108.02	108.82	101.52	1,142.41
1966	Below Normal	87.34	79.77	73.22	114.71	120.54	90.79	87.50	98.55	97.19	103.30	105.63	94.79	1,153.33
1967	Wet	75.66	68.23	56.82	27.56	126.77	123.98	145.24	148.78	144.41	148.96	149.20	143.88	1,359.49
1968	Below Normal	133.77	124.07	121.90	63.60	77.80	64.84	84.91	96.31	4.16	122.38	124.34	109.37	1,127.45
1969	Wet	84.15	75.91	60.04	72.62	130.07	149.96	133.09	140.13	139.11	143.34	143.48	138.40	1,410.30
1970	Wet	128.26	118.91	116.87	134.85	130.07	149.81	101.14	104.40	101.02	104.03	103.88	99.99	1,393.23
1971	Wet	90.57	83.31	81.38	128.37	130.07	110.79	87.55	98.98	97.67	103.86	105.91	95.40	1,213.86
1972	Below Normal	76.59	69.23	58.25	46.27	101.05	90.68	91.79	102.98	102.21	108.96	111.68	99.28	1,058.97
1973	Above Normal	78.05	70.44	57.18	21.85	114.62	115.14	96.45	111.96	108.47	111.41	111.41	107.28	1,104.26
1974	Wet	97.76	90.14	88.15	130.68	130.07	149.68	140.89	113.29	109.97	113.00	112.95	108.92	1,385.50
1975	Wet	99.32	91.42	89.43	110.49	94.12	129.81	109.00	110.54	106.93	109.98	110.05	106.09	1,267.18
1976	Critical	96.46	89.13	87.09	70.36	73.51	63.94	94.98	108.85	91.00	119.85	86.63	119.98	1,101.78
1977	Critical	93.16	84.19	54.94	11.33	13.65	21.11	36.16	6.60	0.00	6.52	5.95	3.64	337.25
1978	Above Normal	1.40	44.51	78.82	10.64	25.78	100.55	104.52	111.32	108.48	112.82	113.64	106.88	919.36
1979	Below Normal	94.20	86.34	81.20	60.70	60.99	129.40	112.79	114.99	111.23	114.41	114.51	110.41	1,191.17
1980	Above Normal	100.76	93.13	91.08	99.07	134.71	150.13	134.48	147.98	143.66	148.24	148.39	143.15	1,534.78
1981	Dry	133.18	102.70	133.19	62.39	62.63	56.68	87.28	101.95	4.43	129.60	132.23	116.25	1,122.51
1982	Wet	89.96	81.33	64.66	67.70	96.35	110.99	143.85	146.58	142.37	146.54	146.66	141.42	1,378.41
1983	Wet	131.46	121.90	119.77	134.85	130.07	149.86	130.11	137.22	136.38	140.36	140.62	135.69	1,608.29
1984	Wet	137.90	124.04	145.29	134.85	134.71	149.77	88.84	105.75	101.99	105.44	105.32	101.51	1,435.41
1985	Dry	91.85	84.65	103.96	108.37	96.44	99.46	100.61	104.31	101.17	104.04	103.88	99.97	1,198.71
1986	Wet	90.62	83.47	81.44	69.21	87.75	150.50	137.82	150.52	145.85	150.47	150.46	144.93	1,443.04
1987	Dry	135.64	39.98	144.96	50.86	48.17	32.34	46.84	54.23	54.12	53.65	48.96	42.85	752.60
1988	Critical	21.99	17.15	14.78	5.17	20.18	21.46	36.97	43.48	42.77	43.06	38.90	33.97	339.88
1989	Dry	17.04	13.04	11.34	6.28	21.01	28.86	112.66	119.47	117.00	122.53	118.00	116.64	803.87
1990	Critical	101.01	92.80	85.33	46.81	45.82	37.62	52.72	61.80	62.14	61.86	56.15	49.17	753.23
1991	Critical	25.99	19.81	16.97	6.40	13.73	21.17	37.95	43.19	42.59	42.78	38.74	33.98	343.30
1992	Critical	17.19	13.17	11.45	4.35	10.92	21.27	48.79	56.97	56.76	56.45	49.85	45.72	392.89
1993	Above Normal	16.28	12.97	23.81	10.54	94.63	98.14	95.70	103.23	35.88	119.28	121.25	111.01	842.72
1994	Critical	92.90	84.68	74.66	42.37	46.02	58.95	95.41	108.87	70.47	124.55	24.86	79.13	902.87
1995	Wet	4.78	66.41	123.67	11.46	73.58	68.18	135.43	137.82	133.42	137.68	138.05	133.08	1,163.56
1996	Wet	123.23	58.78	98.45	56.01	54.13	97.77	103.99	104.71	101.03	104.26	104.28	100.32	1,106.96
1997	Wet	90.89	83.91	81.93	127.21	130.07	150.12	119.65	122.06	118.03	121.66	121.72	117.39	1,384.64
1998	Wet	107.61	99.47	97.44	84.64	130.07	147.46	113.88	112.75	108.83	112.72	112.87	108.64	1,336.38
1999	Wet	98.92	105.49	100.89	130.86	130.07	116.80	89.34	105.14	101.45	105.10	105.13	101.17	1,290.36
2000	Above Normal	91.64	84.43	82.43	77.21	123.16	95.39	99.70	107.57	105.34	111.40	113.03	103.88	1,195.18
2001	Dry	87.38	79.80	71.35	40.95	40.86	39.75	68.21	81.86	82.75	83.14	76.83	67.41	820.29
2002	Dry	39.21	30.57	24.16	11.41	25.86	46.84	115.94	117.43	113.08	117.23	71.71	125.34	838.78
2003	Above Normal	27.62	36.12	112.27	17.33	29.94	48.69	84.11	95.65	3.28	121.84	124.00	108.96	809.81
	Average	83.44	73.70	76.63	57.28	75.25	85.23	95.59	104.18	89.78	109.82	105.24	100.50	1,056.63
	Wet	95.38	88.20	86.40	89.00	113.15	125.47	115.96	120.97	113.99	122.52	122.87	117.38	1,311.28
	Above Normal	72.10	69.59	81.23	48.30	82.02	92.62	101.04	111.84	90.43	117.84	120.65	111.49	1,099.14
	Below Normal	89.81	78.75	83.33	60.16	71.54	90.59	95.02	103.78	71.94	118.94	120.53	110.25	1,094.64
	Dry	80.51	61.55	71.76	35.98	44.37	51.75	88.86	100.80	87.79	106.86	94.11	97.40	921.74
	Critical	65.86	58.71	50.36	26.15	37.03	34.63	56.76	65.65	60.48	68.06	50.49	46.19	620.36

Energy Use (GWh) At Pumping Plant at Chrisman: Alternative1_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	153.98	134.87	108.71	26.62	88.69	101.12	99.38	101.54	105.57	109.13	109.33	104.56	1,243.50
1923	Below Normal	93.57	86.53	83.22	127.61	126.66	100.24	85.68	98.20	103.82	110.56	112.87	101.86	1,230.82
1924	Critical	82.17	74.75	62.90	32.34	26.86	31.87	48.59	58.17	58.28	57.92	52.54	45.98	632.37
1925	Dry	23.61	18.29	15.73	5.91	15.19	57.37	87.78	112.77	114.03	122.00	125.91	110.78	809.37
1926	Dry	86.41	78.27	62.25	13.07	18.68	41.22	64.77	93.12	92.68	99.11	102.36	89.81	841.75
1927	Wet	68.56	61.56	48.18	14.20	57.59	112.79	106.60	108.82	112.27	115.62	115.63	111.59	1,033.41
1928	Above Normal	102.13	94.85	92.78	75.00	81.14	59.18	121.47	123.31	121.91	125.70	125.95	121.42	1,244.84
1929	Critical	111.79	104.10	101.91	71.28	63.75	39.10	45.24	63.79	63.94	63.71	57.94	8.41	794.96
1930	Dry	30.86	37.90	33.21	10.85	17.98	29.00	72.69	85.12	85.97	87.82	84.51	74.19	650.10
1931	Critical	47.93	39.78	30.60	10.87	17.53	31.22	59.22	70.43	70.81	70.64	64.06	55.97	569.06
1932	Dry	30.40	22.71	19.47	11.04	23.37	78.39	64.74	86.00	92.63	98.25	100.16	88.87	716.03
1933	Critical	67.57	60.94	48.82	18.27	94.14	34.96	57.42	84.63	85.04	87.87	85.28	74.81	799.75
1934	Critical	49.53	41.40	31.96	11.22	16.17	32.76	67.56	80.91	81.88	81.46	44.75	3.49	543.09
1935	Below Normal	73.20	59.07	44.42	11.23	23.22	41.70	111.68	118.02	121.97	127.01	128.44	119.83	979.79
1936	Below Normal	104.50	96.55	89.53	54.33	55.43	150.12	105.24	120.48	123.57	127.31	127.43	122.97	1,277.46
1937	Below Normal	113.27	105.50	103.33	71.73	130.07	127.43	131.30	145.22	147.75	152.24	152.57	147.27	1,527.68
1938	Wet	137.34	128.41	118.95	80.93	130.07	150.41	150.55	150.64	145.85	158.08	158.13	152.63	1,661.99
1939	Dry	142.92	133.23	131.12	102.68	91.83	64.59	85.07	96.33	10.59	128.93	65.26	113.90	1,166.45
1940	Above Normal	38.15	28.69	126.90	17.67	15.59	51.64	96.91	113.64	91.94	127.68	138.59	122.63	970.03
1941	Wet	97.02	88.32	68.24	40.64	93.90	109.09	117.53	119.50	122.68	126.46	126.42	122.05	1,231.85
1942	Wet	112.40	104.50	98.63	128.93	130.07	130.53	90.83	97.78	103.13	108.54	109.95	101.25	1,316.54
1943	Wet	85.04	77.80	69.19	95.97	117.51	108.72	129.59	131.63	134.45	138.65	138.72	134.12	1,361.39
1944	Dry	124.27	7.94	157.47	53.72	44.25	42.63	74.20	86.75	89.86	93.19	91.44	80.80	946.52
1945	Below Normal	55.61	47.66	37.74	22.07	23.06	139.95	104.80	117.07	120.41	124.04	124.07	119.81	1,036.29
1946	Below Normal	110.15	102.45	100.31	137.33	130.07	143.94	90.98	94.79	98.46	102.24	102.57	97.45	1,310.74
1947	Dry	85.86	79.11	75.06	65.20	65.63	52.77	121.38	123.07	120.04	123.65	123.91	119.53	1,155.21
1948	Below Normal	109.91	102.16	99.98	62.21	57.21	37.37	58.75	46.54	6.81	132.60	135.64	119.61	968.79
1949	Dry	93.06	84.44	66.96	17.85	21.91	37.24	105.43	117.83	117.25	124.66	74.29	130.26	991.18
1950	Below Normal	101.25	48.55	63.29	14.86	16.33	32.00	89.54	101.73	4.38	129.93	132.57	116.57	851.00
1951	Above Normal	90.56	81.95	64.69	134.85	130.07	149.81	90.34	106.28	110.00	113.03	112.99	109.13	1,293.70
1952	Wet	99.61	92.30	90.33	135.72	134.71	149.26	119.97	116.44	112.82	123.33	123.29	119.10	1,416.88
1953	Wet	109.59	101.57	99.60	140.47	130.07	117.14	84.93	98.44	102.54	109.79	112.25	100.37	1,306.76
1954	Above Normal	79.34	71.89	58.75	28.51	86.04	60.76	92.66	107.67	106.90	114.96	118.35	104.09	1,029.92
1955	Dry	80.41	72.46	56.91	14.96	25.76	48.24	86.64	98.91	98.17	105.37	108.57	95.37	891.77
1956	Wet	72.99	65.64	51.56	72.85	134.71	150.58	107.58	120.13	123.69	127.13	127.07	122.83	1,276.76
1957	Above Normal	113.06	104.97	102.95	92.49	82.71	84.52	96.35	111.85	78.16	130.59	137.97	122.23	1,257.85
1958	Wet	96.14	87.67	70.58	18.39	105.37	111.39	147.18	150.21	152.92	157.36	157.71	152.30	1,407.22
1959	Below Normal	142.35	47.93	152.15	65.90	61.37	59.97	83.36	94.01	4.54	120.08	122.23	107.43	1,061.32
1960	Dry	82.81	74.65	59.18	11.57	13.29	36.11	107.00	119.76	89.34	132.89	104.90	130.75	962.25
1961	Dry	106.02	96.60	80.82	22.66	26.53	31.66	86.39	97.88	97.76	104.52	85.87	56.41	893.12
1962	Below Normal	1.26	84.89	97.20	11.54	14.16	47.68	91.41	105.14	10.47	140.51	143.44	126.89	874.59
1963	Wet	100.14	91.26	74.03	85.43	92.87	93.48	90.35	96.39	100.78	104.99	105.67	99.63	1,135.02
1964	Dry	86.78	79.77	74.36	68.35	133.50	97.40	99.51	103.16	100.45	104.76	105.37	99.03	1,152.44
1965	Wet	86.44	79.01	73.94	90.39	126.53	114.01	94.66	99.18	66.85	115.28	116.09	108.76	1,171.14
1966	Below Normal	94.54	86.98	80.40	121.81	120.45	90.78	87.50	98.55	101.59	107.70	110.03	99.19	1,199.52
1967	Wet	80.07	72.64	61.24	32.00	126.78	124.01	145.24	148.78	144.41	156.15	156.39	151.07	1,398.78
1968	Below Normal	140.96	111.40	137.64	65.33	71.36	63.17	85.27	96.74	9.25	128.03	130.00	114.96	1,154.11
1969	Wet	89.66	81.39	65.47	72.34	130.07	149.96	130.04	143.48	139.25	150.68	150.82	145.74	1,448.90
1970	Wet	135.59	126.24	124.20	134.85	130.07	149.70	112.27	103.69	107.49	110.48	110.34	106.47	1,451.39
1971	Wet	97.06	89.85	87.92	135.52	130.07	112.71	87.63	98.67	101.02	107.07	109.00	98.81	1,255.33
1972	Below Normal	80.44	73.12	62.56	52.49	101.88	91.30	91.91	103.02	102.23	108.94	111.64	99.31	1,078.84
1973	Above Normal	78.17	70.56	57.40	22.26	114.62	115.14	96.45	111.96	115.35	118.28	118.29	114.16	1,132.64
1974	Wet	104.63	97.01	95.02	137.55	130.07	149.67	140.03	112.96	116.84	119.86	119.81	115.79	1,439.24
1975	Wet	106.20	98.31	96.32	118.30	94.31	129.64	108.81	110.34	113.67	116.72	116.78	112.83	1,322.23
1976	Critical	103.20	95.88	93.84	77.19	73.48	64.06	95.19	109.10	91.66	120.04	86.35	120.32	1,130.31
1977	Critical	93.56	84.39	53.17	11.33	13.65	21.11	36.16	6.38	0.00	6.48	5.95	3.68	335.86
1978	Above Normal	1.40	44.50	78.59	10.64	25.78	93.85	102.96	112.24	117.39	122.84	124.46	115.21	949.86
1979	Below Normal	99.18	91.06	82.84	56.60	50.83	120.84	108.29	110.22	113.70	116.76	116.84	112.89	1,180.05
1980	Above Normal	103.31	95.96	93.92	105.33	134.71	150.02	109.67	126.09	129.32	133.31	133.33	128.79	1,443.76
1981	Dry	119.15	110.53	108.52	90.66	111.10	87.40	95.34	111.43	101.82	127.85	131.00	116.50	1,311.30
1982	Wet	92.42	84.13	68.73	77.50	99.34	110.91	143.81	146.54	149.52	153.69	153.81	148.57	1,428.97
1983	Wet	138.61	121.86	119.73	134.85	130.07	149.86	141.61	133.03	129.05	140.36	147.81	142.88	1,629.72
1984	Wet	137.90	124.04	113.92	134.85	134.71	149.77	88.84	105.75	109.18	112.63	112.51	108.70	1,432.80
1985	Dry	99.03	91.84	111.14	115.55	96.44	99.46	100.61	104.31	105.14	108.00	107.85	103.93	1,243.30
1986	Wet	94.58	87.43	85.40	73.18	72.52	150.36	144.98	150.86	153.04	157.94	157.83	152.32	1,480.44
1987	Dry	143.40	34.30	152.16	58.00	48.13	32.33	46.82	54.21	54.09	53.62	48.93	42.83	768.82
1988	Critical	21.97	17.14	14.77	5.16	20.20	21.46	36.97	43.96	43.27	43.56	39.34	34.36	342.16
1989	Dry	17.25	13.21	11.48	6.23	20.97	28.69	112.41	119.54	117.16	122.80	111.84	118.50	800.08
1990	Critical	102.43	94.11	86.24	45.72	45.04	37.49	53.07	62.26	62.62	62.34	56.58	49.55	757.45
1991	Critical	26.24	19.97	17.10	6.48	13.73	21.17	37.95	43.19	42.59	42.78	38.74	33.98	343.92
1992	Critical	17.19	13.17	11.46	4.35	10.92	21.27	48.07	56.05	55.79	55.49	49.04	44.92	387.72
1993	Above Normal	17.30	13.00	22.22	9.79	94.78	98.43	95.78	103.18	44.35	126.03	127.90	117.92	870.68
1994	Critical	100.02	91.85	81.88	50.13	46.51	59.03	95.30	108.75	72.32	123.99	24.86	79.18	933.82
1995	Wet	4.59	66.31	123.75	11.46	73.58	68.18	135.43	137.82	140.61	131.32	147.98	142.92	1,183.95
1996	Wet	78.81	7.94	78.61	63.28	54.09	97.74	103.68	104.38	107.90	111.11	111.14	107.19	1,025.87
1997	Wet	97.76	90.80	87.75	127.17	130.07	150.12	119.61	122.04	125.20	128.83	128.90	124.56	1,432.81
1998	Wet	114.78	106.65	104.61	91.75	130.07	147.44	113.81	112.12	108.21	112.08	119.41	115.21	1,376.14
1999	Wet	105.49	112.10	103.90	137.97	130.07	116.79	89.34	105.13	108.63	112.29	112.31	108.35	1,342.37
2000	Above Normal	98.83	91.62	89.62	84.40	123.22	94.23	99.48	107.70	111.75	117.94	119.67	110.24	1,248.70
2001	Dry	93.37	85.76	76.96	45.80	39.74	39.42	68.28	81.90	82.79	83.21	76.97	67.53	841.73
2002	Dry	39.36	30.73	24.23	11.48	25.85	46.83	115.81	117.30	112.95	117.09	69.88	125.62	837.13
2003	Above Normal	30.42	36.16	112.31	17.33	29.94	48.69	84.11	95.65	5.27	123.83	126.00	110.95	820.66
	Average	86.33	76.18	78.96	60.44	75.86	85.66	95.51	103.57	94.51	112.83	108.70	103.81	1,082.37
	Wet	97.82	90.18	87.68	91.79	113.43	127.09	117.11	120.18	120.46	127.17	128.68	123.31	1,344.92
	Above Normal	75.55	72.42	84.07	52.07	83.94	92.28	98.80	110.09	94.83	121.94	124.40	115.11	1,125.51
	Below Normal	94.30	81.70	88.19	62.50	70.15	89.04	94.69	103.55	76.35	123.43	125.02	114.72	1,123.64
	Dry	82.50	63.99	73.17	40.31	46.68	52.82	88.60	100.52	93.48	107.65	95.50	98.03	943.25
	Critical	68.63	61.46	52.89	28.70	36.83	34.63	56.73	65.64	60.68	68.02	50.45	46.22	630.87

Difference in Energy Use (GWh) At Pumping Plant at Chrisman: Alternative1_2020 minus CONV_NA

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	7.19	7.19	7.19	7.19	2.40
1923	Below Normal	7.19	7.18	7.18	0.56	(0.06)	(0.66)	(0.02)	0.06	7.26	7.29	7.31	7.24	4.21
1924	Critical	7.15	7.15	7.06	6.82	(0.31)	(0.08)	0.02	0.02	0.03	0.03	0.02	0.02	2.33
1925	Dry	0.01	0.01	0.00	0.01	(0.02)	(0.41)	0.05	0.06	1.56	1.57	1.57	1.56	0.50
1926	Dry	1.55	1.56	1.55	1.50	(0.02)	(0.03)	(0.07)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	0.48
1927	Wet	(0.05)	(0.04)	(0.04)	0.00	(0.05)	0.00	0.00	0.00	7.19	7.20	7.19	7.19	2.38
1928	Above Normal	7.19	7.19	7.19	7.19	(0.09)	0.00	0.00	0.01	3.00	3.00	3.00	3.00	3.39
1929	Critical	3.00	3.00	3.00	2.99	0.00	(0.01)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	0.99
1930	Dry	(0.03)	(0.05)	0.03	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	(0.01)	(0.01)	0.00	(0.01)
1931	Critical	(0.01)	(0.01)	(0.01)	0.01	(0.01)	0.00	(0.02)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)	(0.02)
1932	Dry	(0.02)	(0.01)	(0.01)	0.00	0.00	1.75	0.00	0.00	7.19	7.19	7.19	7.19	2.54
1933	Critical	7.18	7.19	7.09	7.15	(1.68)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.24
1934	Critical	0.00	0.00	0.00	0.00	(0.02)	(0.03)	(0.04)	(0.03)	(0.02)	(0.04)	(0.19)	0.00	(0.03)
1935	Below Normal	(0.10)	(0.04)	(0.05)	0.00	(0.03)	(0.19)	(0.34)	0.06	6.28	6.43	6.52	6.20	2.06
1936	Below Normal	5.73	5.69	5.28	4.69	(1.33)	(0.05)	0.03	0.02	7.21	7.21	7.21	7.21	4.08
1937	Below Normal	7.21	7.21	7.21	(0.02)	0.00	(0.01)	0.01	0.00	7.19	7.19	7.20	7.19	4.20
1938	Wet	7.20	7.20	0.00	(1.75)	0.00	(0.16)	3.11	0.95	0.17	8.26	8.17	7.95	3.43
1939	Dry	8.37	8.33	8.33	13.50	(3.17)	(10.40)	(14.21)	(17.03)	(14.97)	(4.39)	14.43	(11.22)	(1.87)
1940	Above Normal	11.86	7.52	8.04	6.59	0.05	0.01	0.02	0.03	6.40	6.06	6.25	6.24	4.92
1941	Wet	6.24	6.24	3.19	(0.03)	(0.01)	(0.42)	(0.40)	(0.43)	6.77	6.76	6.75	6.77	3.45
1942	Wet	6.77	6.80	2.93	(0.03)	0.00	(0.40)	(0.02)	0.00	7.18	7.18	7.19	7.18	3.73
1943	Wet	7.17	7.18	7.16	(0.04)	(1.01)	(0.90)	(0.68)	(0.70)	6.49	6.48	6.47	6.50	3.68
1944	Dry	6.50	6.15	8.17	3.37	(3.41)	(1.11)	(0.02)	(0.02)	3.27	3.28	3.28	3.27	2.73
1945	Below Normal	3.28	3.28	3.28	3.30	0.00	(10.16)	0.16	0.17	7.35	7.36	7.35	7.35	2.73
1946	Below Normal	7.36	7.35	7.35	7.16	0.00	(0.26)	(0.39)	0.09	6.87	7.05	7.16	6.80	4.71
1947	Dry	6.30	6.27	5.79	4.83	0.14	(1.75)	0.33	0.33	1.66	1.67	1.67	1.67	2.41
1948	Below Normal	1.67	1.64	1.64	(1.15)	(2.21)	(0.81)	0.03	0.71	(0.11)	0.07	0.01	0.21	0.14
1949	Dry	0.11	0.09	(0.28)	(0.07)	(0.07)	(0.07)	(0.28)	(0.03)	0.04	0.13	(0.78)	0.30	(0.08)
1950	Below Normal	0.15	0.34	0.44	0.00	0.00	0.00	0.00	0.00	0.67	0.67	0.68	0.68	0.30
1951	Above Normal	0.68	0.67	0.00	0.00	0.00	0.00	0.11	0.09	7.28	7.28	7.29	7.28	2.56
1952	Wet	7.28	7.27	7.27	7.19	0.00	(0.01)	(0.50)	(20.33)	(19.44)	(13.35)	(13.46)	(12.80)	(4.24)
1953	Wet	(12.54)	(11.43)	(11.37)	8.11	20.61	42.61	2.92	2.77	65.66	(4.61)	(4.42)	(2.40)	7.99
1954	Above Normal	0.52	0.91	2.92	11.11	22.92	5.16	(0.50)	(0.20)	6.32	2.61	(2.60)	(2.33)	3.90
1955	Dry	(1.89)	(1.75)	(1.48)	(0.55)	0.69	1.12	1.93	2.31	2.35	2.51	2.59	2.29	0.84
1956	Wet	1.93	1.77	1.47	(14.39)	0.00	0.02	0.38	0.33	7.51	7.52	7.53	7.52	1.80
1957	Above Normal	7.51	7.50	7.49	7.26	(0.01)	(1.52)	(0.02)	(0.05)	4.28	5.82	6.03	6.00	4.19
1958	Wet	5.95	5.93	5.89	5.72	(0.08)	(0.07)	(0.07)	(0.07)	7.12	7.12	7.12	7.15	4.31
1959	Below Normal	7.11	5.76	7.07	7.28	0.01	0.02	0.00	(0.01)	0.52	0.52	0.52	0.52	2.44
1960	Dry	0.52	0.52	0.52	0.53	0.00	(0.12)	0.02	0.01	0.13	(0.02)	0.38	(0.13)	0.20
1961	Dry	(0.10)	(0.09)	(0.06)	0.04	0.04	0.02	0.01	0.01	0.01	0.01	(0.04)	0.03	(0.01)
1962	Below Normal	0.00	(0.20)	(0.29)	0.00	0.00	0.02	(0.01)	(0.01)	6.61	6.60	6.60	6.60	2.16
1963	Wet	6.60	6.60	6.60	6.61	0.00	0.00	0.00	0.00	7.19	7.19	7.18	7.19	4.60
1964	Dry	7.19	7.19	7.20	7.29	0.00	0.04	0.00	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	2.40
1965	Wet	0.00	(0.01)	0.01	0.01	0.00	0.00	(0.02)	0.00	6.97	7.26	7.27	7.24	2.39
1966	Below Normal	7.20	7.21	7.18	7.10	(0.09)	(0.01)	0.00	0.00	4.40	4.40	4.40	4.40	3.85
1967	Wet	4.41	4.41	4.42	4.44	0.01	0.03	0.00	0.00	0.00	7.19	7.19	7.19	3.27
1968	Below Normal	7.19	(12.67)	15.74	1.73	(6.44)	(1.67)	0.36	0.43	5.09	5.65	5.66	5.59	2.22
1969	Wet	5.51	5.48	5.43	(0.28)	0.00	0.00	(3.05)	3.35	0.14	7.34	7.34	7.34	3.22
1970	Wet	7.33	7.33	7.33	0.00	0.00	(0.11)	11.13	(0.71)	6.47	6.45	6.46	6.48	4.85
1971	Wet	6.49	6.54	6.54	7.15	0.00	1.92	0.08	(0.31)	3.35	3.21	3.09	3.41	3.46
1972	Below Normal	3.85	3.89	4.31	6.22	0.83	0.62	0.12	0.04	0.02	(0.02)	(0.04)	0.03	1.66
1973	Above Normal	0.12	0.12	0.22	0.41	0.00	0.00	0.00	0.00	6.88	6.87	6.88	6.88	2.37
1974	Wet	6.87	6.87	6.87	6.87	0.00	(0.01)	(0.86)	(0.33)	6.87	6.86	6.86	6.87	4.48
1975	Wet	6.88	6.89	6.89	7.81	0.19	(0.17)	(0.19)	(0.20)	6.74	6.74	6.73	6.74	4.59
1976	Critical	6.74	6.75	6.75	6.83	(0.03)	0.12	0.21	0.25	0.66	0.19	(0.28)	0.34	2.38
1977	Critical	0.40	0.20	(1.77)	0.00	0.00	0.00	0.00	(0.22)	0.00	(0.04)	0.00	0.04	(0.12)
1978	Above Normal	0.00	(0.01)	(0.23)	0.00	0.00	(6.70)	(1.56)	0.92	8.91	10.02	10.82	8.33	2.54
1979	Below Normal	4.98	4.72	1.64	(4.10)	(10.16)	(8.56)	(4.50)	(4.77)	2.47	2.35	2.33	2.48	(0.93)
1980	Above Normal	2.55	2.83	2.84	6.26	0.00	(0.11)	(24.81)	(21.89)	(14.34)	(14.93)	(15.06)	(14.36)	(7.59)
1981	Dry	(14.03)	7.83	(24.67)	28.27	48.47	30.72	8.06	9.48	97.39	(1.75)	(1.23)	0.25	15.73
1982	Wet	2.46	2.80	4.07	9.80	2.99	(0.08)	(0.04)	(0.04)	7.15	7.15	7.15	7.15	4.21
1983	Wet	7.15	(0.04)	(0.04)	0.00	0.00	0.00	11.50	(4.19)	(7.33)	0.00	7.19	7.19	1.79
1984	Wet	0.00	0.00	(31.37)	0.00	0.00	0.00	0.00	0.00	7.19	7.19	7.19	7.19	(0.22)
1985	Dry	7.18	7.19	7.18	7.18	0.00	0.00	0.00	0.00	3.97	3.96	3.97	3.96	3.72
1986	Wet	3.96	3.96	3.96	3.97	(15.23)	(0.14)	7.16	0.34	7.19	7.47	7.37	7.39	3.12
1987	Dry	7.76	(5.68)	7.20	7.14	(0.04)	(0.01)	(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.02)	1.35
1988	Critical	(0.02)	(0.01)	(0.01)	(0.01)	0.02	0.00	0.00	0.48	0.50	0.50	0.44	0.39	0.19
1989	Dry	0.21	0.17	0.14	(0.05)	(0.04)	(0.17)	(0.25)	0.07	0.16	0.27	(6.16)	1.86	(0.32)
1990	Critical	1.42	1.31	0.91	(1.09)	(0.78)	(0.13)	0.35	0.46	0.48	0.48	0.43	0.38	0.35
1991	Critical	0.25	0.16	0.13	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
1992	Critical	0.00	0.00	0.01	0.00	0.00	0.00	(0.72)	(0.92)	(0.97)	(0.96)	(0.81)	(0.80)	(0.43)
1993	Above Normal	1.02	0.03	(1.59)	(0.75)	0.15	0.29	0.08	(0.05)	8.47	6.75	6.65	6.91	2.33
1994	Critical	7.12	7.17	7.22	7.76	0.49	0.08	(0.11)	(0.12)	1.85	(0.56)	0.00	0.05	2.58
1995	Wet	(0.19)	(0.10)	0.08	0.00	0.00	0.00	0.00	0.00	7.19	(6.36)	9.93	9.84	1.70
1996	Wet	(44.42)	(50.84)	(19.84)	7.27	(0.04)	(0.03)	(0.31)	(0.33)	6.87	6.85	6.86	6.87	(6.76)
1997	Wet	6.87	6.89	5.82	(0.04)	0.00	0.00	(0.04)	(0.02)	7.17	7.17	7.18	7.17	4.01
1998	Wet	7.17	7.18	7.17	7.11	0.00	(0.02)	(0.07)	(0.63)	(0.62)	(0.64)	6.54	6.57	3.31
1999	Wet	6.57	6.61	3.01	7.11	0.00	(0.01)	0.00	(0.01)	7.18	7.19	7.18	7.18	4.33
2000	Above Normal	7.19	7.19	7.19	7.19	0.06	(1.16)	(0.22)	0.13	6.41	6.54	6.64	6.36	4.46
2001	Dry	5.99	5.96	5.61	4.85	(1.12)	(0.33)	0.07	0.04	0.04	0.07	0.14	0.12	1.79
2002	Dry	0.15	0.16	0.07	0.07	(0.01)	(0.01)	(0.13)	(0.13)	(0.13)	(0.14)	(1.83)	0.28	(0.14)
2003	Above Normal	2.80	0.04	0.04	0.00	0.00	0.00	0.00	0.00	1.99	1.99	2.00	1.99	0.90
	Average	2.89	2.48	2.33	3.16	0.61	0.43	(0.08)	(0.61)	4.73	3.01	3.46	3.31	2.14
	Wet	2.45	1.98	1.29	2.79	0.28	1.62	1.16	(0.79)	6.48	4.65	5.82	5.93	2.80
	Above Normal	3.45	2.83	2.84	3.77	1.92	(0.34)	(2.24)	(1.75)	4.40	4.10	3.76	3.62	2.20
	Below Normal	4.49	2.95	4.86	2.34	(1.39)	(1.55)	(0.32)	(0.23)	4.42	4.48	4.49	4.46	2.42
	Dry	1.99	2.44	1.41	4.33	2.30	1.07	(0.25)	(0.28)	5.70	0.79	1.39	0.63	1.79
	Critical	2.77	2.74	2.53	2.55	(0.19)	(0.00)	(0.03)	(0.01)	0.21	(0.04)	(0.04)	0.03	0.88

Percent Difference in Energy Use (GWh) At Pumping Plant at Chrisman: Alternative1_2020 minus CONV_NA

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%	7%	7%	7%	7%
1923	Below Normal	8%	9%	9%	0%	0%	-1%	0%	0%	8%	7%	7%	8%
1924	Critical	10%	11%	13%	27%	-1%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	1%	1%	1%	1%
1926	Dry	2%	2%	3%	13%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	7%	7%	7%	7%
1928	Above Normal	8%	8%	8%	11%	0%	0%	0%	0%	3%	2%	2%	3%
1929	Critical	3%	3%	3%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	2%	0%	0%	8%	8%	8%	9%
1933	Critical	12%	13%	17%	64%	-2%	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%	5%	5%	5%	5%
1936	Below Normal	6%	6%	6%	9%	-2%	0%	0%	0%	6%	6%	6%	6%
1937	Below Normal	7%	7%	8%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1938	Wet	6%	6%	0%	-2%	0%	0%	2%	1%	0%	6%	5%	5%
1939	Dry	6%	7%	7%	15%	-3%	-14%	-14%	-15%	-59%	-3%	28%	-9%
1940	Above Normal	45%	36%	7%	59%	0%	0%	0%	0%	7%	5%	5%	5%
1941	Wet	7%	8%	5%	0%	0%	0%	0%	0%	6%	6%	6%	6%
1942	Wet	6%	7%	3%	0%	0%	0%	0%	0%	7%	7%	7%	8%
1943	Wet	9%	10%	12%	0%	-1%	-1%	-1%	-1%	5%	5%	5%	5%
1944	Dry	6%	344%	5%	7%	-7%	-3%	0%	0%	4%	4%	4%	4%
1945	Below Normal	6%	7%	10%	18%	0%	-7%	0%	0%	7%	6%	6%	7%
1946	Below Normal	7%	8%	8%	6%	0%	0%	0%	0%	8%	7%	8%	8%
1947	Dry	8%	9%	8%	8%	0%	-3%	0%	0%	1%	1%	1%	1%
1948	Below Normal	2%	2%	2%	-2%	-4%	-2%	0%	2%	-2%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1950	Below Normal	0%	1%	1%	0%	0%	0%	0%	0%	18%	1%	1%	1%
1951	Above Normal	1%	1%	0%	0%	0%	0%	0%	0%	7%	7%	7%	7%
1952	Wet	8%	9%	9%	6%	0%	0%	0%	-15%	-15%	-10%	-10%	-10%
1953	Wet	-10%	-10%	-10%	6%	19%	57%	4%	3%	178%	-4%	-4%	-2%
1954	Above Normal	1%	1%	5%	64%	36%	9%	-1%	0%	6%	2%	-2%	-2%
1955	Dry	-2%	-2%	-3%	-4%	3%	2%	2%	2%	2%	2%	2%	2%
1956	Wet	3%	3%	3%	-16%	0%	0%	0%	0%	6%	6%	6%	7%
1957	Above Normal	7%	8%	8%	9%	0%	-2%	0%	0%	6%	5%	5%	5%
1958	Wet	7%	7%	9%	45%	0%	0%	0%	0%	5%	5%	5%	5%
1959	Below Normal	5%	14%	5%	12%	0%	0%	0%	0%	13%	0%	0%	0%
1960	Dry	1%	1%	1%	5%	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%	171%	5%	5%	5%
1963	Wet	7%	8%	10%	8%	0%	0%	0%	0%	8%	7%	7%	8%
1964	Dry	9%	10%	11%	12%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	12%	7%	7%	7%
1966	Below Normal	8%	9%	10%	6%	0%	0%	0%	0%	5%	4%	4%	5%
1967	Wet	6%	6%	8%	16%	0%	0%	0%	0%	0%	5%	5%	5%
1968	Below Normal	5%	-10%	13%	3%	-8%	-3%	0%	0%	122%	5%	5%	5%
1969	Wet	7%	7%	9%	0%	0%	0%	-2%	2%	0%	5%	5%	5%
1970	Wet	6%	6%	6%	0%	0%	0%	11%	-1%	6%	6%	6%	6%
1971	Wet	7%	8%	8%	6%	0%	2%	0%	0%	3%	3%	3%	4%
1972	Below Normal	5%	6%	7%	13%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	2%	0%	0%	0%	0%	6%	6%	6%	6%
1974	Wet	7%	8%	8%	5%	0%	0%	-1%	0%	6%	6%	6%	6%
1975	Wet	7%	8%	8%	7%	0%	0%	0%	0%	6%	6%	6%	6%
1976	Critical	7%	8%	8%	10%	0%	0%	0%	0%	1%	0%	0%	0%
1977	Critical	0%	0%	-3%	0%	0%	0%	0%	-3%	0%	-1%	0%	1%
1978	Above Normal	0%	0%	0%	0%	0%	-7%	-1%	1%	8%	9%	10%	8%
1979	Below Normal	5%	5%	2%	-7%	-17%	-7%	-4%	-4%	2%	2%	2%	2%
1980	Above Normal	3%	3%	3%	6%	0%	0%	-18%	-15%	-10%	-10%	-10%	-10%
1981	Dry	-11%	8%	-19%	45%	77%	54%	9%	9%	>1,000%	-1%	-1%	0%
1982	Wet	3%	3%	6%	14%	3%	0%	0%	0%	5%	5%	5%	5%
1983	Wet	5%	0%	0%	0%	0%	0%	9%	-3%	-5%	0%	5%	5%
1984	Wet	0%	0%	-22%	0%	0%	0%	0%	0%	7%	7%	7%	7%
1985	Dry	8%	8%	7%	7%	0%	0%	0%	0%	4%	4%	4%	4%
1986	Wet	4%	5%	5%	6%	-17%	0%	5%	0%	5%	5%	5%	5%
1987	Dry	6%	-14%	5%	14%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%
1989	Dry	1%	1%	1%	-1%	0%	-1%	0%	0%	0%	0%	-5%	2%
1990	Critical	1%	1%	1%	-2%	-2%	0%	1%	1%	1%	1%	1%	1%
1991	Critical	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	-1%	-2%	-2%	-2%	-2%	-2%
1993	Above Normal	6%	0%	-7%	-7%	0%	0%	0%	0%	24%	6%	5%	6%
1994	Critical	8%	8%	10%	18%	1%	0%	0%	0%	3%	0%	0%	0%
1995	Wet	-4%	0%	0%	0%	0%	0%	0%	0%	5%	-5%	7%	7%
1996	Wet	-36%	-86%	-20%	13%	0%	0%	0%	0%	7%	7%	7%	7%
1997	Wet	8%	8%	7%	0%	0%	0%	0%	0%	6%	6%	6%	6%
1998	Wet	7%	7%	7%	8%	0%	0%	0%	-1%	-1%	-1%	6%	6%
1999	Wet	7%	6%	3%	5%	0%	0%	0%	0%	7%	7%	7%	7%
2000	Above Normal	8%	9%	9%	9%	0%	-1%	0%	0%	6%	6%	6%	6%
2001	Dry	7%	7%	8%	12%	-3%	-1%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	1%	0%	1%	0%	0%	0%	0%	0%	0%	-3%	0%
2003	Above Normal	10%	0%	0%	0%	0%	0%	0%	0%	61%	2%	2%	2%
	Average	4%	7%	3%	7%	1%	1%	0%	0%	9%	3%	3%	3%
	Wet	3%	1%	3%	5%	0%	2%	1%	-1%	11%	4%	5%	5%
	Above Normal	7%	5%	3%	13%	3%	0%	-2%	-1%	11%	4%	4%	4%
	Below Normal	5%	5%	6%	4%	-2%	-1%	0%	0%	26%	4%	4%	4%
	Dry	2%	21%	2%	7%	4%	2%	0%	0%	-2%	1%	2%	1%
	Critical	3%	4%	4%	10%	0%	0%	0%	0%	0%	0%	0%	0%

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

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	0.85	0.03	0.05	0.07	0.08	0.07	0.04	1.19
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	1.07	0.03	0.05	0.07	0.07	0.07	0.05	1.41
1933	Critical	0.00	0.00	0.00	0.00	1.08	0.01	0.03	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	0.85	0.28	0.05	0.06	0.08	0.07	0.05	1.44
1937	Below Normal	0.00	0.00	0.00	0.00	1.08	0.02	0.03	0.05	0.06	0.08	0.07	0.05	1.44
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.79	0.33	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	0.73	0.39	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	0.88	0.25	0.05	0.07	0.08	0.07	0.05	1.45
1946	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
1947	Dry	0.00	0.00	0.00	0.00	0.82	0.00	0.40	0.06	0.07	0.07	0.07	0.05	1.54
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	0.00	0.86	0.22	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	0.00	0.00	0.00	0.73	0.39	0.04	0.06	0.08	0.07	0.05	1.42
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	0.97	0.11	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	0.73	0.39	0.06	0.07	0.08	0.08	0.06	1.47
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	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.07	0.07	0.05	1.42
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	0.73	0.36	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	0.98	0.14	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	0.24	0.76	0.10	0.04	0.06	0.07	0.08	0.07	0.05	1.47
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	0.00	0.15	0.07	0.04	1.43
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	1.08	0.00	0.01	0.03	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	0.73	0.39	0.05	0.06	0.07	0.07	0.05	1.42
1983	Wet	0.00	0.00	0.76	0.32	0.00	0.01	0.03	0.05	0.06	0.07	0.07	0.05	1.42
1984	Wet	0.03	0.01	0.00	0.00	0.00	0.02	0.03	0.06	0.07	0.08	0.07	0.06	0.43
1985	Dry	0.00	0.00	1.08	0.00	0.02	0.00	0.40	0.05	0.07	0.08	0.07	0.04	1.81
1986	Wet	0.00	0.00	0.00	0.00	1.08	0.02	0.03	0.05	0.07	0.08	0.07	0.04	1.44
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	0.47	0.39	0.05	0.07	0.08	0.07	0.05	1.18
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.35	0.40	0.05	0.07	0.08	0.07	0.05	1.07
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	0.53	0.39	0.05	0.06	0.08	0.07	0.05	1.23
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.30	0.40	0.06	0.07	0.08	0.07	0.05	1.03
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	0.92	0.21	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	0.73	0.00	0.00	0.00	0.01	0.03	0.05	0.07	0.07	0.07	0.05	1.08
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	0.02	0.04	0.07	0.62	0.33	0.05	0.07	0.08	0.07	0.05	1.41
	Wet	0.00	0.03	0.03	0.05	0.07	0.60	0.29	0.05	0.07	0.08	0.07	0.05	1.38
	Above Normal	0.01	0.00	0.00	0.18	0.08	0.56	0.30	0.05	0.07	0.08	0.07	0.05	1.46
	Below Normal	0.00	0.00	0.00	0.00	0.08	0.70	0.35	0.05	0.07	0.08	0.07	0.05	1.44
	Dry	0.00	0.00	0.06	0.00	0.05	0.65	0.35	0.05	0.07	0.08	0.07	0.05	1.43
	Critical	0.00	0.00	0.00	0.00	0.09	0.60	0.36	0.05	0.06	0.09	0.07	0.05	1.37

Energy Use (GWh) At Pumping Plant at Del Valle: Alternative1_2020

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	0.85	0.03	0.05	0.07	0.08	0.07	0.04	1.19
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	1.07	0.03	0.05	0.07	0.07	0.07	0.05	1.41
1933	Critical	0.00	0.00	0.00	0.00	1.08	0.01	0.03	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	0.85	0.28	0.05	0.06	0.08	0.07	0.05	1.44
1937	Below Normal	0.00	0.00	0.00	0.00	1.08	0.02	0.03	0.05	0.06	0.08	0.07	0.05	1.44
1938	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
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	0.73	0.39	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	0.89	0.23	0.05	0.07	0.08	0.07	0.05	1.44
1946	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
1947	Dry	0.00	0.00	0.00	0.00	1.08	0.00	0.35	0.06	0.07	0.07	0.07	0.05	1.75
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	0.00	0.88	0.20	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	0.00	0.00	0.00	0.73	0.39	0.04	0.06	0.08	0.07	0.05	1.42
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	0.00	0.77	0.32	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	0.73	0.39	0.06	0.07	0.08	0.08	0.06	1.47
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	0.00	0.00	0.00	0.73	0.39	0.05	0.06	0.07	0.07	0.05	1.42
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	0.74	1.61	0.00	0.06	0.07	0.08	0.07	0.05	2.68
1970	Wet	0.00	0.00	0.00	0.00	0.00	1.00	0.12	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	0.21	0.76	0.13	0.04	0.06	0.07	0.08	0.07	0.05	1.47
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	0.00	0.15	0.07	0.04	1.43
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	0.15	0.76	0.18	0.03	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	0.73	0.39	0.05	0.06	0.07	0.07	0.05	1.42
1983	Wet	0.00	0.00	0.00	0.70	1.45	1.61	0.04	0.00	0.00	0.00	0.07	0.05	3.92
1984	Wet	0.03	0.01	1.61	0.00	0.00	0.00	0.03	0.06	0.07	0.08	0.07	0.06	2.02
1985	Dry	0.00	0.00	1.08	0.00	0.02	0.00	0.40	0.05	0.07	0.08	0.07	0.04	1.81
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	0.47	0.39	0.05	0.07	0.08	0.07	0.05	1.18
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.35	0.40	0.05	0.07	0.08	0.07	0.05	1.07
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	0.54	0.39	0.05	0.06	0.08	0.07	0.05	1.24
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.30	0.40	0.06	0.07	0.08	0.07	0.05	1.03
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	0.92	0.21	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	0.73	0.00	0.00	0.00	0.01	0.03	0.05	0.07	0.07	0.07	0.05	1.08
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	0.03	0.02	0.10	0.67	0.33	0.05	0.07	0.08	0.07	0.05	1.48
	Wet	0.00	0.03	0.06	0.03	0.11	0.74	0.30	0.05	0.06	0.08	0.07	0.05	1.59
	Above Normal	0.01	0.00	0.00	0.10	0.14	0.57	0.30	0.05	0.07	0.08	0.07	0.05	1.46
	Below Normal	0.00	0.00	0.00	0.00	0.08	0.70	0.35	0.05	0.07	0.08	0.07	0.05	1.44
	Dry	0.00	0.00	0.06	0.00	0.06	0.65	0.35	0.05	0.07	0.08	0.07	0.05	1.44
	Critical	0.00	0.00	0.00	0.00	0.09	0.60	0.36	0.05	0.06	0.09	0.07	0.05	1.37

Difference in Energy Use (GWh) At Pumping Plant at Del Valle: Alternative1_2020 minus CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	(0.06)	0.06	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.01	(0.02)	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	0.26	0.00	(0.05)	0.00	0.00	0.00	0.00	0.00	0.02
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	0.02	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	(0.97)	0.66	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.01	1.25	(0.03)	0.00	0.00	0.00	0.00	0.00	0.10
1970	Wet	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
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	(0.03)	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1980	Above Normal	0.00	0.00	0.00	(0.93)	0.76	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	(0.76)	0.38	1.45	1.60	0.01	(0.05)	(0.06)	(0.07)	0.00	0.00	0.21
1984	Wet	0.00	0.00	1.61	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.13
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	(1.08)	0.71	0.36	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	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	0.00	0.01	(0.02)	0.02	0.05	0.00	(0.00)	(0.00)	(0.00)	0.00	0.00	0.01
	Wet	0.00	0.00	0.03	(0.02)	0.04	0.15	0.01	(0.00)	(0.00)	(0.00)	0.00	0.00	0.02
	Above Normal	0.00	0.00	0.00	(0.08)	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00
	Dry	0.00	0.00	0.00	0.00	0.01	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at Del Valle: Alternative1_2020 minus CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	-8%	18%	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%	1%	-8%	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%	32%	0%	-13%	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%	2%	-9%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	-100%	600%	>1,000%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	1%	347%	-100%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	2%	-14%	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%	-13%	0%	30%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	-86%	-	>1,000%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	-100%	119%	-	>1,000%	33%	-100%	-100%	-100%	0%	0%
1984	Wet	0%	0%	-	0%	0%	-100%	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%	-100%	>1,000%	>1,000%	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%	2%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	-1%	-1%	7%	4%	-1%	-1%	-1%	-1%	0%	0%
	Wet	0%	0%	-4%	1%	19%	9%	-2%	-4%	-4%	-4%	0%	0%
	Above Normal	0%	0%	0%	-8%	-1%	3%	0%	0%	0%	0%	0%	0%
	Below Normal	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	2%	0%	-1%	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: CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	538.81	471.93	380.40	93.16	310.36	353.83	347.77	355.31	344.26	356.69	357.40	340.70	4,250.62
1923	Below Normal	302.27	277.65	266.10	444.57	443.43	353.07	299.88	343.43	337.89	361.37	369.37	331.09	4,130.12
1924	Critical	262.50	236.56	195.39	89.31	95.06	111.81	169.96	203.47	203.84	202.58	183.78	160.84	2,115.10
1925	Dry	82.59	63.98	55.03	20.65	53.23	202.19	306.99	394.38	393.55	421.40	435.10	382.18	2,811.27
1926	Dry	296.93	268.44	212.41	40.49	65.45	144.33	226.89	326.07	324.50	347.01	358.41	314.47	2,925.40
1927	Wet	240.06	215.56	168.72	49.68	201.71	394.68	373.00	380.78	367.71	379.40	379.47	365.32	3,516.09
1928	Above Normal	332.22	306.73	299.50	237.29	284.24	207.10	425.05	431.45	416.09	429.35	430.24	414.37	4,213.63
1929	Critical	380.67	353.77	346.10	238.95	223.07	136.85	158.38	223.33	223.84	223.03	202.86	29.50	2,740.35
1930	Dry	108.08	132.78	116.12	37.97	62.92	101.50	254.38	297.87	300.82	307.33	295.76	259.62	2,275.15
1931	Critical	167.76	139.23	107.11	38.02	61.36	109.23	207.28	246.54	247.89	247.30	224.25	195.94	1,991.91
1932	Dry	106.43	79.52	68.15	38.65	81.79	268.18	226.54	300.94	298.98	318.64	325.32	285.83	2,398.97
1933	Critical	211.30	188.08	146.01	38.92	335.28	122.33	200.92	296.14	297.57	307.48	298.42	261.78	2,704.23
1934	Critical	173.32	144.87	111.84	39.27	56.67	114.74	236.54	283.23	286.59	285.18	157.24	12.20	1,901.69
1935	Below Normal	256.49	206.82	155.60	39.29	81.36	146.57	391.97	412.76	404.83	421.94	426.61	397.63	3,341.87
1936	Below Normal	345.61	317.93	294.81	173.71	198.61	525.49	368.16	421.50	407.15	420.24	420.66	405.06	4,298.93
1937	Below Normal	371.11	343.95	336.33	251.06	455.14	445.96	459.43	508.15	491.84	507.55	508.69	490.17	5,169.38
1938	Wet	455.40	424.16	416.23	289.32	455.14	526.88	515.91	523.80	509.75	524.24	524.74	506.28	5,671.85
1939	Dry	470.81	437.05	429.67	312.06	332.43	262.41	347.39	396.69	89.44	466.50	177.86	437.81	4,160.12
1940	Above Normal	91.98	74.07	415.93	38.76	54.38	180.65	339.05	397.56	299.34	425.58	463.10	407.26	3,187.66
1941	Wet	317.65	287.23	227.61	142.32	328.60	383.21	412.68	419.68	405.61	418.87	418.74	403.40	4,165.60
1942	Wet	369.62	341.88	334.88	451.26	455.14	458.16	317.89	342.17	335.75	354.67	359.59	329.18	4,450.19
1943	Wet	272.48	247.12	217.04	335.95	414.71	383.60	455.84	463.06	447.77	462.51	462.77	446.58	4,609.43
1944	Dry	412.10	6.28	522.45	176.20	166.76	153.06	259.70	303.63	302.99	314.63	308.50	271.29	3,197.59
1945	Below Normal	183.11	155.30	120.57	65.69	80.70	525.27	366.14	409.06	395.61	408.29	408.42	393.51	3,511.67
1946	Below Normal	359.70	332.79	325.29	455.50	455.14	504.60	319.71	331.37	320.49	333.09	333.88	317.19	4,388.75
1947	Dry	278.40	254.90	242.40	211.25	229.15	190.78	423.59	429.48	414.23	426.82	427.74	412.42	3,941.16
1948	Below Normal	378.77	351.74	344.12	221.71	207.93	133.61	205.48	160.36	24.20	463.74	474.62	417.81	3,384.09
1949	Dry	325.24	295.16	235.30	62.70	76.91	130.57	369.91	412.42	410.13	435.75	262.69	454.75	3,471.53
1950	Below Normal	353.76	168.71	219.94	52.01	57.16	111.96	313.33	355.98	12.97	452.30	461.53	405.53	2,965.18
1951	Above Normal	314.52	284.41	226.38	471.87	455.14	524.22	315.75	371.58	359.45	370.06	369.88	356.41	4,419.67
1952	Wet	323.09	297.53	290.65	449.75	471.39	522.31	421.54	478.58	462.82	478.27	478.52	461.56	5,136.01
1953	Wet	427.36	395.43	388.31	463.15	383.02	260.79	286.96	334.77	129.05	400.29	408.26	359.61	4,237.00
1954	Above Normal	275.82	248.36	195.35	60.90	220.88	194.55	326.00	377.45	351.96	393.14	423.25	372.40	3,440.06
1955	Dry	288.00	259.69	204.30	54.26	87.74	164.90	296.42	338.03	335.29	359.92	370.84	325.72	3,085.11
1956	Wet	248.65	223.48	175.28	305.29	471.39	526.85	375.13	419.20	406.52	418.53	418.31	403.50	4,392.13
1957	Above Normal	369.34	341.06	334.03	298.23	289.47	301.07	337.20	391.55	258.51	436.61	461.70	406.72	4,225.49
1958	Wet	315.58	286.03	226.36	44.33	369.00	390.02	515.27	525.87	510.19	525.73	526.96	507.90	4,743.24
1959	Below Normal	473.24	147.58	507.67	205.13	214.73	209.77	291.68	328.98	14.07	418.38	425.88	374.12	3,611.23
1960	Dry	287.94	259.39	205.26	38.63	46.49	126.78	374.33	419.02	312.16	465.07	365.74	457.97	3,358.78
1961	Dry	371.33	338.33	283.01	79.16	92.70	110.72	302.26	342.45	342.05	365.69	300.63	197.30	3,125.63
1962	Below Normal	4.39	297.75	341.13	40.40	49.54	166.79	319.90	367.93	13.51	468.57	478.85	420.93	2,969.69
1963	Wet	327.33	296.24	235.94	275.80	324.96	327.11	316.15	337.29	327.50	342.22	344.63	323.48	3,778.65
1964	Dry	278.51	253.98	235.02	213.68	467.13	340.68	348.21	361.04	351.57	366.65	368.80	346.56	3,931.83
1965	Wet	302.48	276.50	258.71	316.26	442.74	398.96	331.31	347.04	209.54	378.00	380.80	355.24	3,997.58
1966	Below Normal	305.60	279.15	256.22	401.38	421.78	317.69	306.16	344.84	340.08	361.46	369.62	331.68	4,035.66
1967	Wet	264.75	238.76	198.83	96.45	443.61	433.84	508.21	520.62	505.33	521.25	522.07	503.47	4,757.19
1968	Below Normal	468.08	434.15	426.54	222.57	272.25	226.90	297.11	337.01	14.55	428.24	435.09	382.72	3,945.21
1969	Wet	294.46	265.62	210.11	254.13	455.14	524.73	465.70	490.33	486.77	501.57	502.06	484.29	4,934.91
1970	Wet	448.81	416.10	408.97	471.87	455.14	524.21	353.93	365.33	353.49	364.02	363.50	349.89	4,875.26
1971	Wet	316.94	291.51	284.75	449.20	455.14	387.69	306.35	346.34	341.78	363.43	370.61	333.81	4,247.55
1972	Below Normal	268.00	242.24	203.83	161.91	353.61	317.32	321.20	360.36	357.66	381.26	390.79	347.41	3,705.59
1973	Above Normal	273.12	246.49	200.10	76.45	401.09	402.89	337.49	391.76	379.56	389.84	389.86	375.40	3,864.05
1974	Wet	342.08	315.41	308.45	457.28	455.14	523.77	493.01	396.42	384.82	395.40	395.24	381.13	4,848.15
1975	Wet	347.56	319.88	312.93	386.63	329.35	454.22	381.40	386.79	374.17	384.86	385.09	371.23	4,434.11
1976	Critical	337.54	311.88	304.75	246.21	257.24	223.75	332.34	380.88	318.44	419.39	303.15	419.84	3,855.41
1977	Critical	325.97	294.59	192.24	39.65	47.76	73.88	126.54	23.09	0.00	22.83	20.80	12.73	1,180.08
1978	Above Normal	4.90	155.74	275.82	37.23	90.21	351.85	365.74	389.52	379.60	394.79	397.66	374.00	3,217.06
1979	Below Normal	329.61	302.12	284.15	212.40	213.43	452.81	394.67	402.39	389.22	400.35	400.71	386.36	4,168.22
1980	Above Normal	352.58	325.89	318.70	346.68	471.39	525.35	470.56	517.82	502.71	518.71	519.23	500.90	5,370.52
1981	Dry	466.04	359.37	466.04	218.32	219.15	198.33	305.42	356.75	15.51	453.48	462.70	406.77	3,927.88
1982	Wet	314.80	284.60	226.25	236.89	337.14	388.39	503.36	512.93	498.19	512.78	513.21	494.86	4,823.40
1983	Wet	460.01	426.54	419.10	471.87	455.14	524.39	455.27	480.15	477.21	491.15	492.06	474.80	5,627.69
1984	Wet	482.55	434.04	508.39	471.87	471.39	524.09	310.86	370.04	356.89	368.95	368.55	355.21	5,022.83
1985	Dry	321.39	296.23	363.79	379.19	337.47	348.05	352.05	365.00	354.03	364.06	363.51	349.82	4,194.59
1986	Wet	317.09	292.06	284.99	242.20	307.06	526.63	482.27	526.69	510.36	526.52	526.49	507.14	5,049.50
1987	Dry	474.62	139.88	507.24	177.95	168.57	113.16	163.91	189.76	189.38	187.73	171.31	149.94	2,633.45
1988	Critical	76.93	60.00	51.71	18.08	70.60	75.09	129.36	152.15	149.66	150.69	136.11	118.86	1,189.24
1989	Dry	59.64	45.64	39.68	21.97	73.50	100.98	394.22	418.04	409.42	428.77	412.90	408.15	2,812.91
1990	Critical	353.46	324.73	298.59	163.81	160.34	131.64	184.47	216.27	217.43	216.47	196.49	172.07	2,635.77
1991	Critical	90.95	69.33	59.38	22.40	48.05	74.09	132.79	151.12	149.02	149.71	135.54	118.91	1,201.29
1992	Critical	60.14	46.07	40.08	15.23	38.19	74.44	170.72	199.37	198.62	197.52	174.44	159.98	1,374.80
1993	Above Normal	56.97	45.39	83.31	36.87	331.14	343.42	334.88	361.21	125.55	417.40	424.29	388.46	2,948.89
1994	Critical	325.06	296.31	261.27	148.25	161.04	206.29	333.85	380.96	246.60	435.84	87.01	276.88	3,159.36
1995	Wet	16.72	232.37	432.77	40.09	257.48	238.56	473.89	482.27	466.87	481.78	483.06	465.66	4,071.52
1996	Wet	431.21	205.68	344.49	195.98	189.41	342.11	363.88	366.40	353.53	364.82	364.90	351.05	3,873.46
1997	Wet	318.03	293.62	286.71	445.14	455.14	525.31	418.69	427.11	413.02	425.71	425.93	410.76	4,845.17
1998	Wet	376.54	348.08	340.96	296.18	455.14	516.01	398.47	394.54	380.82	394.45	394.95	380.17	4,676.31
1999	Wet	346.14	369.12	353.03	457.90	455.14	408.69	312.62	367.89	354.99	367.76	367.86	354.01	4,515.15
2000	Above Normal	320.66	295.45	288.45	270.18	430.98	333.80	348.87	376.40	368.59	389.80	395.53	363.51	4,182.22
2001	Dry	305.76	279.23	249.65	143.29	142.96	139.08	238.69	286.43	289.57	290.91	268.85	235.87	2,870.29
2002	Dry	137.20	106.96	84.53	39.94	90.48	163.89	405.70	410.93	395.69	410.21	250.94	438.59	2,935.06
2003	Above Normal	96.64	126.41	392.86	60.64	104.76	170.39	294.32	334.69	11.47	426.34	433.92	381.26	2,833.70
	Average	291.97	257.89	268.15	200.45	263.33	298.24	334.47	364.54	314.15	384.28	368.25	351.67	3,697.38
	Wet	333.75	308.64	302.33	311.42	395.94	439.05	405.75	423.31	398.86	428.74	429.94	410.75	4,588.46
	Above Normal	252.30	243.49	284.24	169.02	287.00	324.09	353.56	391.36	316.42	412.36	422.17	390.12	3,846.13
	Below Normal	314.27	275.56	291.59	210.52	250.34	316.99	332.49	363.15	251.72	416.20	421.77	385.80	3,830.40
	Dry	281.72	215.38	251.11	125.91	155.27	181.09	310.92	352.72	307.18	373.92	329.31	340.84	3,225.37
	Critical	230.47	205.45	176.21	91.51	129.56	121.18	198.60	229.71	211.63	238.17	176.67	161.63	2,170.77

Energy Use (GWh) At Pumping Plant at Edmonston: Alternative1_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	538.81	471.93	380.40	93.16	310.36	353.84	347.75	355.32	369.42	381.86	382.57	365.86	4,351.28
1923	Below Normal	327.41	302.79	291.21	446.55	443.22	350.76	299.82	343.64	363.29	386.86	394.95	356.44	4,306.94
1924	Critical	287.53	261.56	220.09	113.17	93.98	111.51	170.02	203.55	203.93	202.66	183.86	160.91	2,212.77
1925	Dry	82.63	64.00	55.06	20.67	53.17	200.74	307.18	394.60	399.02	426.89	440.60	387.66	2,832.22
1926	Dry	302.37	273.87	217.81	45.75	65.36	144.23	226.63	325.86	324.29	346.79	358.17	314.26	2,945.39
1927	Wet	239.89	215.40	168.59	49.69	201.51	394.69	373.01	380.79	392.87	404.56	404.63	390.48	3,616.11
1928	Above Normal	357.38	331.89	324.66	262.43	283.93	207.10	425.07	431.48	426.58	439.84	440.73	424.86	4,355.95
1929	Critical	391.16	364.26	356.59	249.41	223.06	136.80	158.30	223.22	223.73	222.92	202.75	29.42	2,781.62
1930	Dry	107.98	132.63	116.21	37.97	62.90	101.47	254.37	297.87	300.81	307.32	295.73	259.60	2,274.86
1931	Critical	167.73	139.20	107.08	38.02	61.34	109.25	207.21	246.45	247.79	247.20	224.15	195.86	1,991.28
1932	Dry	106.38	79.47	68.12	38.62	81.79	274.32	226.54	300.94	324.13	343.79	350.47	310.98	2,505.55
1933	Critical	236.45	213.23	170.82	63.94	329.42	122.32	200.92	296.14	297.58	307.48	298.43	261.78	2,798.51
1934	Critical	173.32	144.87	111.85	39.27	56.60	114.65	236.41	283.12	286.50	285.03	156.60	12.20	1,900.42
1935	Below Normal	256.13	206.71	155.43	39.29	81.26	145.91	390.79	412.99	426.80	444.43	449.45	419.30	3,428.49
1936	Below Normal	365.68	337.86	313.28	190.12	193.96	525.31	368.24	421.58	432.39	445.47	445.90	430.29	4,470.08
1937	Below Normal	396.34	369.18	361.57	251.01	455.14	445.92	459.44	508.17	517.01	532.72	533.86	515.34	5,345.70
1938	Wet	480.57	449.33	416.25	283.19	455.14	526.31	526.82	527.13	510.36	553.15	553.32	534.07	5,815.64
1939	Dry	500.10	466.21	458.83	359.31	321.32	226.01	297.68	337.09	37.05	451.17	228.37	398.55	4,081.69
1940	Above Normal	133.50	100.39	444.07	61.82	54.57	180.68	339.11	397.64	321.71	446.79	484.95	429.10	3,394.33
1941	Wet	339.48	309.04	238.79	142.20	328.59	381.72	411.26	418.17	429.28	442.50	442.36	427.07	4,310.46
1942	Wet	393.32	365.66	345.14	451.15	455.14	456.75	317.84	342.14	360.89	379.82	384.74	354.31	4,606.90
1943	Wet	297.58	272.23	242.12	335.81	411.21	380.42	453.48	460.59	470.48	485.16	485.41	469.30	4,763.79
1944	Dry	434.86	27.77	551.03	187.98	154.83	149.17	259.65	303.57	314.45	326.09	319.96	282.75	3,312.11
1945	Below Normal	194.59	166.78	132.06	77.24	80.69	489.70	366.71	409.65	421.34	434.04	434.16	419.24	3,626.20
1946	Below Normal	385.43	358.50	351.00	480.56	455.14	503.69	318.36	331.69	344.55	357.76	358.91	340.98	4,586.57
1947	Dry	300.44	276.83	262.64	228.16	229.65	184.67	424.72	430.66	420.06	432.68	433.60	418.24	4,042.35
1948	Below Normal	384.58	357.49	349.86	217.69	200.18	130.76	205.56	162.84	23.84	463.98	474.62	418.55	3,389.95
1949	Dry	325.65	295.47	234.30	62.47	76.68	130.30	368.91	412.33	410.27	436.20	259.94	455.81	3,468.33
1950	Below Normal	354.31	169.88	221.48	52.01	57.16	111.96	313.33	355.98	15.33	454.65	463.89	407.89	2,977.87
1951	Above Normal	316.88	286.77	226.38	471.87	455.14	524.23	316.10	371.90	384.92	395.53	395.36	381.88	4,526.96
1952	Wet	348.55	322.98	316.09	474.92	471.39	522.28	419.78	407.45	394.79	431.54	431.43	416.76	4,957.96
1953	Wet	383.49	355.43	348.53	491.52	455.14	409.90	297.18	344.46	358.82	384.18	392.80	351.22	4,572.67
1954	Above Normal	277.64	251.55	205.60	99.75	301.07	212.62	324.23	376.76	374.05	402.26	414.14	364.24	3,603.91
1955	Dry	281.37	253.56	199.13	52.36	90.13	168.82	303.16	346.10	343.53	368.71	379.92	333.72	3,120.51
1956	Wet	255.40	229.70	180.41	254.91	471.39	526.90	376.44	420.37	432.81	444.85	444.65	429.81	4,467.64
1957	Above Normal	395.62	367.30	360.26	323.63	289.41	295.75	337.16	391.40	273.50	456.95	482.79	427.72	4,401.49
1958	Wet	336.41	306.78	246.99	64.35	368.72	389.77	515.03	525.62	535.09	550.63	551.86	532.95	4,924.20
1959	Below Normal	498.11	167.72	532.42	230.60	214.75	209.86	291.68	328.98	15.89	420.20	427.70	375.94	3,713.85
1960	Dry	289.76	261.21	207.08	40.47	46.51	126.35	374.41	419.07	312.60	465.02	367.07	457.52	3,367.07
1961	Dry	370.99	338.02	282.80	79.31	92.84	110.78	302.29	342.49	342.10	365.73	300.49	197.40	3,125.24
1962	Below Normal	4.39	297.06	340.14	40.40	49.53	166.85	319.88	367.92	36.63	491.66	501.94	444.02	3,060.42
1963	Wet	350.43	319.34	259.04	298.93	324.96	327.12	316.15	337.29	352.65	367.37	369.77	348.64	3,971.69
1964	Dry	303.67	279.14	260.19	239.17	467.14	340.81	348.19	360.99	351.51	366.58	368.72	346.51	4,032.62
1965	Wet	302.46	276.49	258.73	316.31	442.75	398.95	331.25	347.07	233.91	403.40	406.21	380.57	4,098.10
1966	Below Normal	330.83	304.36	281.33	426.24	421.47	317.66	306.17	344.83	355.48	376.85	385.01	347.09	4,197.32
1967	Wet	280.18	254.19	214.29	111.97	443.64	433.95	508.21	520.62	505.33	546.40	547.23	528.62	4,894.63
1968	Below Normal	493.23	389.80	481.62	228.59	249.71	221.05	298.37	338.51	32.36	448.00	454.91	402.29	4,038.44
1969	Wet	313.76	284.81	229.08	253.14	455.14	524.75	455.03	502.08	487.28	527.26	527.75	509.96	5,070.04
1970	Wet	474.47	441.75	434.61	471.87	455.14	523.83	392.85	362.82	376.12	386.60	386.10	372.56	5,078.72
1971	Wet	339.64	314.41	307.65	474.22	455.14	394.41	306.62	345.28	353.51	374.64	381.42	345.77	4,392.71
1972	Below Normal	281.49	255.85	218.90	183.66	356.49	319.48	321.60	360.49	357.71	381.22	390.65	347.49	3,775.03
1973	Above Normal	273.53	246.90	200.84	77.90	401.09	402.90	337.50	391.77	403.62	413.89	413.91	399.46	3,963.31
1974	Wet	366.13	339.46	332.50	481.33	455.14	523.73	489.98	395.28	408.85	419.41	419.24	405.16	5,036.21
1975	Wet	371.61	344.00	337.05	413.97	330.02	453.64	380.76	386.11	397.75	408.42	408.64	394.81	4,626.78
1976	Critical	361.13	335.50	328.37	270.12	257.13	224.15	333.08	381.77	320.72	420.06	302.15	421.02	3,955.20
1977	Critical	327.40	295.31	186.06	39.66	47.76	73.88	126.55	22.32	0.00	22.69	20.80	12.87	1,175.30
1978	Above Normal	4.90	155.71	275.02	37.23	90.20	328.41	360.27	392.75	410.76	429.84	435.51	403.16	3,323.76
1979	Below Normal	347.07	318.62	289.88	198.05	177.85	422.85	378.92	385.67	397.87	408.58	408.86	395.04	4,129.26
1980	Above Normal	361.51	335.78	328.65	368.58	471.39	524.94	383.77	441.21	452.52	466.49	466.54	450.66	5,052.04
1981	Dry	416.93	386.77	379.75	317.25	388.77	305.84	333.63	389.93	356.30	447.37	458.40	407.65	4,588.59
1982	Wet	323.40	294.41	240.49	271.18	347.62	388.10	503.21	512.78	523.20	537.78	538.21	519.87	5,000.25
1983	Wet	485.02	426.40	418.97	471.87	455.14	524.39	495.52	465.50	451.57	491.15	517.22	499.96	5,702.71
1984	Wet	482.55	434.04	398.64	471.87	471.39	524.09	310.86	370.04	382.05	394.11	393.70	380.36	5,013.70
1985	Dry	346.54	321.38	388.91	404.35	337.47	348.04	352.05	365.00	367.89	377.93	377.38	363.68	4,350.62
1986	Wet	330.95	305.93	298.85	256.06	253.78	526.14	507.32	527.90	535.51	552.68	552.27	532.99	5,180.38
1987	Dry	501.79	120.02	532.43	202.95	168.43	113.11	163.85	189.68	189.29	187.65	171.23	149.87	2,690.30
1988	Critical	76.89	59.97	51.69	18.06	70.67	75.08	129.35	153.82	151.42	152.41	137.67	120.23	1,197.26
1989	Dry	60.36	46.23	40.17	21.81	73.36	100.38	393.34	418.30	409.96	429.69	391.35	414.67	2,799.62
1990	Critical	358.43	329.30	301.78	159.99	157.59	131.20	185.70	217.87	219.12	218.13	197.99	173.39	2,650.49
1991	Critical	91.83	69.89	59.84	22.69	48.05	74.10	132.79	151.12	149.02	149.71	135.55	118.91	1,203.50
1992	Critical	60.14	46.07	40.08	15.23	38.19	74.44	168.22	196.12	195.21	194.18	171.61	157.18	1,356.67
1993	Above Normal	60.54	45.48	77.76	34.25	331.66	344.42	335.15	361.04	155.20	441.02	447.55	412.63	3,046.70
1994	Critical	349.98	321.39	286.52	175.41	162.74	206.56	333.49	380.53	253.07	433.88	86.97	277.08	3,267.62
1995	Wet	16.06	232.03	433.04	40.09	257.46	238.56	473.89	482.27	492.03	459.53	517.81	500.13	4,142.90
1996	Wet	275.78	27.77	275.09	221.44	189.28	342.02	362.78	365.26	377.56	388.82	388.89	375.07	3,589.76
1997	Wet	342.08	317.73	307.04	445.01	455.14	525.32	418.56	427.06	438.12	450.81	451.03	435.86	5,013.76
1998	Wet	401.64	373.18	366.06	321.05	455.14	515.92	398.23	392.32	378.64	392.21	417.85	403.14	4,815.38
1999	Wet	369.15	392.25	363.58	482.78	455.14	408.69	312.61	367.89	380.14	392.91	393.01	379.15	4,697.30
2000	Above Normal	345.81	320.60	313.60	295.32	431.19	329.72	348.10	376.85	391.05	412.69	418.74	385.76	4,369.43
2001	Dry	326.72	300.09	269.30	160.27	139.05	137.93	238.92	286.59	289.69	291.17	269.32	236.30	2,945.35
2002	Dry	137.74	107.53	84.79	40.18	90.47	163.86	405.25	410.45	395.22	409.73	244.54	439.58	2,929.34
2003	Above Normal	106.46	126.52	393.01	60.64	104.76	170.39	294.32	334.69	18.45	433.32	440.90	388.24	2,871.70
	Average	302.08	266.57	276.31	211.51	265.46	299.75	334.21	362.41	330.71	394.80	380.36	363.26	3,787.44
	Wet	342.31	315.57	306.83	321.19	396.93	444.71	409.80	420.55	421.52	445.00	450.29	431.48	4,706.17
	Above Normal	264.38	253.40	294.19	182.22	293.73	322.92	345.71	385.23	331.82	426.71	435.31	402.80	3,938.41
	Below Normal	329.97	285.90	308.58	218.72	245.47	311.55	331.35	362.35	267.18	431.89	437.49	401.42	3,931.87
	Dry	288.68	223.90	256.03	141.06	163.33	184.82	310.04	351.75	327.12	376.70	334.18	343.04	3,300.65
	Critical	240.17	215.05	185.06	100.41	128.88	121.16	198.50	229.67	212.34	238.03	176.54	161.74	2,207.55

Difference in Energy Use (GWh) At Pumping Plant at Edmonston: Alternative1_2020 minus CONV_NA

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	0.01	(0.02)	0.01	25.16	25.17	25.17	25.16	8.39
1923	Below Normal	25.14	25.14	25.11	1.98	(0.21)	(2.31)	(0.06)	0.21	25.40	25.49	25.58	25.35	14.74
1924	Critical	25.03	25.00	24.70	23.86	(1.08)	(0.30)	0.06	0.08	0.09	0.08	0.08	0.07	8.14
1925	Dry	0.04	0.02	0.03	0.02	(0.06)	(1.45)	0.19	0.22	5.47	5.49	5.50	5.48	1.75
1926	Dry	5.44	5.43	5.40	5.26	(0.09)	(0.10)	(0.26)	(0.21)	(0.21)	(0.22)	(0.24)	(0.21)	1.67
1927	Wet	(0.17)	(0.16)	(0.13)	0.01	(0.20)	0.01	0.01	0.01	25.16	25.16	25.16	25.16	8.34
1928	Above Normal	25.16	25.16	25.16	25.14	(0.31)	0.00	0.02	0.03	10.49	10.49	10.49	10.49	11.86
1929	Critical	10.49	10.49	10.49	10.46	(0.01)	(0.05)	(0.08)	(0.11)	(0.11)	(0.11)	(0.11)	(0.08)	3.44
1930	Dry	(0.10)	(0.15)	0.09	0.00	(0.02)	(0.03)	(0.01)	0.00	(0.01)	(0.01)	(0.03)	(0.02)	(0.02)
1931	Critical	(0.03)	(0.03)	(0.03)	0.00	(0.02)	0.02	(0.07)	(0.09)	(0.10)	(0.10)	(0.10)	(0.08)	(0.05)
1932	Dry	(0.05)	(0.05)	(0.03)	(0.03)	0.00	6.14	0.00	0.00	25.15	25.15	25.15	25.15	8.88
1933	Critical	25.15	25.15	24.81	25.02	(5.86)	(0.01)	0.00	0.00	0.01	0.00	0.01	0.00	7.86
1934	Critical	0.00	0.00	0.01	0.00	(0.07)	(0.09)	(0.13)	(0.11)	(0.09)	(0.15)	(0.64)	0.00	(0.11)
1935	Below Normal	(0.36)	(0.11)	(0.17)	0.00	(0.10)	(0.66)	(1.18)	0.23	21.97	22.49	22.84	21.67	7.22
1936	Below Normal	20.07	19.93	18.47	16.41	(4.65)	(0.18)	0.08	0.08	25.24	25.23	25.24	25.23	14.26
1937	Below Normal	25.23	25.23	25.24	(0.05)	0.00	(0.04)	0.01	0.02	25.17	25.17	25.17	25.17	14.69
1938	Wet	25.17	25.17	0.02	(6.13)	0.00	(0.57)	10.91	3.33	0.61	28.91	28.58	27.79	11.98
1939	Dry	29.29	29.16	29.16	47.25	(11.11)	(36.40)	(49.71)	(59.60)	(52.39)	(15.33)	50.51	(39.26)	(6.54)
1940	Above Normal	41.52	26.32	28.14	23.06	0.19	0.03	0.06	0.08	22.37	21.21	21.85	21.84	17.22
1941	Wet	21.83	21.81	11.18	(0.12)	(0.01)	(1.49)	(1.42)	(1.51)	23.67	23.63	23.62	23.67	12.07
1942	Wet	23.70	23.78	10.26	(0.11)	0.00	(1.41)	(0.05)	(0.03)	25.14	25.15	25.15	25.13	13.06
1943	Wet	25.10	25.11	25.08	(0.14)	(3.50)	(3.18)	(2.36)	(2.47)	22.71	22.65	22.64	22.72	12.86
1944	Dry	22.76	21.49	28.58	11.78	(11.93)	(3.89)	(0.05)	(0.06)	11.46	11.46	11.46	11.46	9.54
1945	Below Normal	11.48	11.48	11.49	11.55	(0.01)	(35.57)	0.57	0.59	25.73	25.75	25.74	25.73	9.54
1946	Below Normal	25.73	25.71	25.71	25.06	0.00	(0.91)	(1.35)	0.32	24.06	24.67	25.03	23.79	16.49
1947	Dry	22.04	21.93	20.24	16.91	0.50	(6.11)	1.13	1.18	5.83	5.86	5.86	5.82	8.43
1948	Below Normal	5.81	5.75	5.74	(4.02)	(7.75)	(2.85)	0.08	2.48	(0.36)	0.24	0.00	0.74	0.49
1949	Dry	0.41	0.31	(1.00)	(0.23)	(0.23)	(0.27)	(1.00)	(0.09)	0.14	0.45	(2.75)	1.06	(0.27)
1950	Below Normal	0.55	1.17	1.54	0.00	0.00	0.00	0.00	0.00	2.36	2.35	2.36	2.36	1.06
1951	Above Normal	2.36	2.36	0.00	0.00	0.00	0.01	0.35	0.32	25.47	25.47	25.48	25.47	8.94
1952	Wet	25.46	25.45	25.44	25.17	0.00	(0.03)	(1.76)	(71.13)	(68.03)	(46.73)	(47.09)	(44.80)	(14.84)
1953	Wet	(43.87)	(40.00)	(39.78)	28.37	72.12	149.11	10.22	9.69	229.77	(16.11)	(15.46)	(8.39)	27.97
1954	Above Normal	1.82	3.19	10.25	38.85	80.19	18.07	(1.77)	(0.69)	22.09	9.12	(9.11)	(8.16)	13.65
1955	Dry	(6.63)	(6.13)	(5.17)	(1.90)	2.39	3.92	6.74	8.07	8.24	8.79	9.08	8.00	2.95
1956	Wet	6.75	6.22	5.13	(50.38)	0.00	0.05	1.31	1.17	26.29	26.32	26.34	26.31	6.29
1957	Above Normal	26.28	26.24	26.23	25.40	(0.06)	(5.32)	(0.04)	(0.15)	14.99	20.34	21.09	21.00	14.67
1958	Wet	20.83	20.75	20.63	20.02	(0.28)	(0.25)	(0.24)	(0.25)	24.90	24.90	24.90	25.05	15.08
1959	Below Normal	24.87	20.14	24.75	25.47	0.02	0.09	0.00	0.00	1.82	1.82	1.82	1.82	8.55
1960	Dry	1.82	1.82	1.82	1.84	0.02	(0.43)	0.08	0.05	0.44	(0.05)	1.33	(0.45)	0.69
1961	Dry	(0.34)	(0.31)	(0.21)	0.15	0.14	0.06	0.03	0.04	0.05	0.04	(0.14)	0.10	(0.03)
1962	Below Normal	0.00	(0.69)	(0.99)	0.00	(0.01)	0.06	(0.02)	(0.01)	23.12	23.09	23.09	23.09	7.56
1963	Wet	23.10	23.10	23.10	23.13	0.00	0.01	0.00	0.00	25.15	25.15	25.14	25.16	16.09
1964	Dry	25.16	25.16	25.17	25.49	0.01	0.13	(0.02)	(0.05)	(0.06)	(0.07)	(0.08)	(0.05)	8.40
1965	Wet	(0.02)	(0.01)	0.02	0.05	0.01	(0.01)	(0.06)	0.03	24.37	25.40	25.41	25.33	8.38
1966	Below Normal	25.23	25.21	25.11	24.86	(0.31)	(0.03)	0.01	(0.01)	15.40	15.39	15.39	15.41	13.47
1967	Wet	15.43	15.43	15.46	15.52	0.03	0.11	0.00	0.00	0.00	25.15	25.16	25.15	11.45
1968	Below Normal	25.15	(44.35)	55.08	6.02	(22.54)	(5.85)	1.26	1.50	17.81	19.76	19.82	19.57	7.77
1969	Wet	19.30	19.19	18.97	(0.99)	0.00	0.02	(10.67)	11.75	0.51	25.69	25.69	25.67	11.26
1970	Wet	25.66	25.65	25.64	0.00	0.00	(0.38)	38.92	(2.51)	22.63	22.58	22.60	22.67	16.96
1971	Wet	22.70	22.90	22.90	25.02	0.00	6.72	0.27	(1.06)	11.73	11.21	10.81	11.96	12.10
1972	Below Normal	13.49	13.61	15.07	21.75	2.88	2.16	0.40	0.13	0.05	(0.04)	(0.14)	0.08	5.79
1973	Above Normal	0.41	0.41	0.74	1.45	0.00	0.01	0.01	0.01	24.06	24.05	24.05	24.06	8.27
1974	Wet	24.05	24.05	24.05	24.05	0.00	(0.04)	(3.03)	(1.14)	24.03	24.01	24.00	24.03	15.67
1975	Wet	24.05	24.12	24.12	27.34	0.67	(0.58)	(0.64)	(0.68)	23.58	23.56	23.55	23.58	16.06
1976	Critical	23.59	23.62	23.62	23.91	(0.11)	0.40	0.74	0.89	2.28	0.67	(1.00)	1.18	8.32
1977	Critical	1.43	0.72	(6.18)	0.01	0.00	0.00	0.01	(0.77)	0.00	(0.14)	0.00	0.14	(0.40)
1978	Above Normal	0.00	(0.03)	(0.80)	0.00	(0.01)	(23.44)	(5.47)	3.23	31.16	35.05	37.85	29.16	8.89
1979	Below Normal	17.46	16.50	5.73	(14.35)	(35.58)	(29.96)	(15.75)	(16.72)	8.65	8.23	8.15	8.68	(3.25)
1980	Above Normal	8.93	9.89	9.95	21.90	0.00	(0.41)	(86.79)	(76.61)	(50.19)	(52.22)	(52.69)	(50.24)	(26.54)
1981	Dry	(49.11)	27.40	(86.29)	98.93	169.62	107.51	28.21	33.18	340.79	(6.11)	(4.30)	0.88	55.06
1982	Wet	8.60	9.81	14.24	34.29	10.48	(0.29)	(0.15)	(0.15)	25.01	25.00	25.00	25.01	14.74
1983	Wet	25.01	(0.14)	(0.13)	0.00	0.00	0.00	40.25	(14.65)	(25.64)	0.00	25.16	25.16	6.25
1984	Wet	0.00	0.00	(109.75)	0.00	0.00	0.00	0.00	0.00	25.16	25.16	25.15	25.15	(0.76)
1985	Dry	25.15	25.15	25.12	25.16	0.00	(0.01)	0.00	0.00	13.86	13.87	13.87	13.86	13.00
1986	Wet	13.86	13.87	13.86	13.86	(53.28)	(0.49)	25.05	1.21	25.15	26.16	25.78	25.85	10.91
1987	Dry	27.17	(19.86)	25.19	25.00	(0.14)	(0.05)	(0.06)	(0.08)	(0.09)	(0.08)	(0.08)	(0.07)	4.74
1988	Critical	(0.04)	(0.03)	(0.02)	(0.02)	0.07	(0.01)	(0.01)	1.67	1.76	1.72	1.56	1.37	0.67
1989	Dry	0.72	0.59	0.49	(0.16)	(0.14)	(0.60)	(0.88)	0.26	0.54	0.92	(21.55)	6.52	(1.11)
1990	Critical	4.97	4.57	3.19	(3.82)	(2.75)	(0.44)	1.23	1.60	1.69	1.66	1.50	1.32	1.23
1991	Critical	0.88	0.56	0.46	0.29	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.18
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(2.50)	(3.25)	(3.41)	(3.34)	(2.83)	(2.80)	(1.51)
1993	Above Normal	3.57	0.09	(5.55)	(2.62)	0.52	1.00	0.27	(0.17)	29.65	23.62	23.26	24.17	8.15
1994	Critical	24.92	25.08	25.25	27.16	1.70	0.27	(0.36)	(0.43)	6.47	(1.96)	(0.04)	0.20	9.02
1995	Wet	(0.66)	(0.34)	0.27	0.00	(0.02)	0.00	0.00	0.00	25.16	(22.25)	34.75	34.47	5.95
1996	Wet	(155.43)	(177.91)	(69.40)	25.46	(0.13)	(0.09)	(1.10)	(1.14)	24.03	24.00	23.99	24.02	(23.64)
1997	Wet	24.05	24.11	20.33	(0.13)	0.00	0.01	(0.13)	(0.05)	25.10	25.10	25.10	25.10	14.05
1998	Wet	25.10	25.10	25.10	24.87	0.00	(0.09)	(0.24)	(2.22)	(2.18)	(2.24)	22.90	22.97	11.59
1999	Wet	23.01	23.13	10.55	24.88	0.00	0.00	(0.01)	0.00	25.15	25.15	25.15	25.14	15.18
2000	Above Normal	25.15	25.15	25.15	25.14	0.21	(4.08)	(0.77)	0.45	22.46	22.89	23.21	22.25	15.60
2001	Dry	20.96	20.86	19.65	16.98	(3.91)	(1.15)	0.23	0.16	0.12	0.26	0.47	0.43	6.26
2002	Dry	0.54	0.57	0.26	0.24	(0.01)	(0.03)	(0.45)	(0.48)	(0.47)	(0.48)	(6.40)	0.99	(0.48)
2003	Above Normal	9.82	0.11	0.15	0.00	0.00	0.00	0.00	0.00	6.98	6.98	6.98	6.98	3.17
	Average	10.11	8.69	8.16	11.06	2.14	1.51	(0.27)	(2.13)	16.56	10.52	12.11	11.60	7.51
	Wet	8.56	6.93	4.51	9.77	1.00	5.66	4.04	(2.76)	22.66	16.26	20.35	20.73	9.81
	Above Normal	12.09	9.91	9.95	13.19	6.73	(1.18)	(7.85)	(6.12)	15.39	14.35	13.14	12.68	7.69
	Below Normal	15.70	10.34	16.99	8.19	(4.88)	(5.43)	(1.14)	(0.80)	15.46	15.69	15.72	15.62	8.46
	Dry	6.96	8.52	4.92	15.15	8.06	3.74	(0.88)	(0.97)	19.94	2.77	4.87	2.21	6.27
	Critical	9.70	9.59	8.86	8.91	(0.68)	(0.02)	(0.09)	(0.04)	0.72	(0.14)	(0.13)	0.11	3.07

Percent Difference in Energy Use (GWh) At Pumping Plant at Edmonston: Alternative1_2020 minus CONV_NA

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%	7%	7%	7%	7%
1923	Below Normal	8%	9%	9%	0%	0%	-1%	0%	0%	8%	7%	7%	8%
1924	Critical	10%	11%	13%	27%	-1%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	1%	1%	1%	1%
1926	Dry	2%	2%	3%	13%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	7%	7%	7%	7%
1928	Above Normal	8%	8%	8%	11%	0%	0%	0%	0%	3%	2%	2%	3%
1929	Critical	3%	3%	3%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	2%	0%	0%	8%	8%	8%	9%
1933	Critical	12%	13%	17%	64%	-2%	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%	5%	5%	5%	5%
1936	Below Normal	6%	6%	6%	9%	-2%	0%	0%	0%	6%	6%	6%	6%
1937	Below Normal	7%	7%	8%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1938	Wet	6%	6%	0%	-2%	0%	0%	2%	1%	0%	6%	5%	5%
1939	Dry	6%	7%	7%	15%	-3%	-14%	-14%	-15%	-59%	-3%	28%	-9%
1940	Above Normal	45%	36%	7%	59%	0%	0%	0%	0%	7%	5%	5%	5%
1941	Wet	7%	8%	5%	0%	0%	0%	0%	0%	6%	6%	6%	6%
1942	Wet	6%	7%	3%	0%	0%	0%	0%	0%	7%	7%	7%	8%
1943	Wet	9%	10%	12%	0%	-1%	-1%	-1%	-1%	5%	5%	5%	5%
1944	Dry	6%	342%	5%	7%	-7%	-3%	0%	0%	4%	4%	4%	4%
1945	Below Normal	6%	7%	10%	18%	0%	-7%	0%	0%	7%	6%	6%	7%
1946	Below Normal	7%	8%	8%	6%	0%	0%	0%	0%	8%	7%	7%	8%
1947	Dry	8%	9%	8%	8%	0%	-3%	0%	0%	1%	1%	1%	1%
1948	Below Normal	2%	2%	2%	-2%	-4%	-2%	0%	2%	-1%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1950	Below Normal	0%	1%	1%	0%	0%	0%	0%	0%	18%	1%	1%	1%
1951	Above Normal	1%	1%	0%	0%	0%	0%	0%	0%	7%	7%	7%	7%
1952	Wet	8%	9%	9%	6%	0%	0%	0%	-15%	-15%	-10%	-10%	-10%
1953	Wet	-10%	-10%	-10%	6%	19%	57%	4%	3%	178%	-4%	-4%	-2%
1954	Above Normal	1%	1%	5%	64%	36%	9%	-1%	0%	6%	2%	-2%	-2%
1955	Dry	-2%	-2%	-3%	-4%	3%	2%	2%	2%	2%	2%	2%	2%
1956	Wet	3%	3%	3%	-17%	0%	0%	0%	0%	6%	6%	6%	7%
1957	Above Normal	7%	8%	8%	9%	0%	-2%	0%	0%	6%	5%	5%	5%
1958	Wet	7%	7%	9%	45%	0%	0%	0%	0%	5%	5%	5%	5%
1959	Below Normal	5%	14%	5%	12%	0%	0%	0%	0%	13%	0%	0%	0%
1960	Dry	1%	1%	1%	5%	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%	171%	5%	5%	5%
1963	Wet	7%	8%	10%	8%	0%	0%	0%	0%	8%	7%	7%	8%
1964	Dry	9%	10%	11%	12%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	12%	7%	7%	7%
1966	Below Normal	8%	9%	10%	6%	0%	0%	0%	0%	5%	4%	4%	5%
1967	Wet	6%	6%	8%	16%	0%	0%	0%	0%	0%	5%	5%	5%
1968	Below Normal	5%	-10%	13%	3%	-8%	-3%	0%	0%	122%	5%	5%	5%
1969	Wet	7%	7%	9%	0%	0%	0%	-2%	2%	0%	5%	5%	5%
1970	Wet	6%	6%	6%	0%	0%	0%	11%	-1%	6%	6%	6%	6%
1971	Wet	7%	8%	8%	6%	0%	2%	0%	0%	3%	3%	3%	4%
1972	Below Normal	5%	6%	7%	13%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	2%	0%	0%	0%	0%	6%	6%	6%	6%
1974	Wet	7%	8%	8%	5%	0%	0%	-1%	0%	6%	6%	6%	6%
1975	Wet	7%	8%	8%	7%	0%	0%	0%	0%	6%	6%	6%	6%
1976	Critical	7%	8%	8%	10%	0%	0%	0%	0%	1%	0%	0%	0%
1977	Critical	0%	0%	-3%	0%	0%	0%	0%	-3%	0%	-1%	0%	1%
1978	Above Normal	0%	0%	0%	0%	0%	-7%	-1%	1%	8%	9%	10%	8%
1979	Below Normal	5%	5%	2%	-7%	-17%	-7%	-4%	-4%	2%	2%	2%	2%
1980	Above Normal	3%	3%	3%	6%	0%	0%	-18%	-15%	-10%	-10%	-10%	-10%
1981	Dry	-11%	8%	-19%	45%	77%	54%	9%	9%	>1,000%	-1%	-1%	0%
1982	Wet	3%	3%	6%	14%	3%	0%	0%	0%	5%	5%	5%	5%
1983	Wet	5%	0%	0%	0%	0%	0%	9%	-3%	-5%	0%	5%	5%
1984	Wet	0%	0%	-22%	0%	0%	0%	0%	0%	7%	7%	7%	7%
1985	Dry	8%	8%	7%	7%	0%	0%	0%	0%	4%	4%	4%	4%
1986	Wet	4%	5%	5%	6%	-17%	0%	5%	0%	5%	5%	5%	5%
1987	Dry	6%	-14%	5%	14%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%
1989	Dry	1%	1%	1%	-1%	0%	-1%	0%	0%	0%	0%	-5%	2%
1990	Critical	1%	1%	1%	-2%	-2%	0%	1%	1%	1%	1%	1%	1%
1991	Critical	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	-1%	-2%	-2%	-2%	-2%	-2%
1993	Above Normal	6%	0%	-7%	-7%	0%	0%	0%	0%	24%	6%	5%	6%
1994	Critical	8%	8%	10%	18%	1%	0%	0%	0%	3%	0%	0%	0%
1995	Wet	-4%	0%	0%	0%	0%	0%	0%	0%	5%	-5%	7%	7%
1996	Wet	-36%	-86%	-20%	13%	0%	0%	0%	0%	7%	7%	7%	7%
1997	Wet	8%	8%	7%	0%	0%	0%	0%	0%	6%	6%	6%	6%
1998	Wet	7%	7%	7%	8%	0%	0%	0%	-1%	-1%	-1%	6%	6%
1999	Wet	7%	6%	3%	5%	0%	0%	0%	0%	7%	7%	7%	7%
2000	Above Normal	8%	9%	9%	9%	0%	-1%	0%	0%	6%	6%	6%	6%
2001	Dry	7%	7%	8%	12%	-3%	-1%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	1%	0%	1%	0%	0%	0%	0%	0%	0%	-3%	0%
2003	Above Normal	10%	0%	0%	0%	0%	0%	0%	0%	61%	2%	2%	2%
	Average	4%	7%	3%	7%	1%	1%	0%	0%	9%	3%	3%	3%
	Wet	3%	1%	3%	5%	0%	2%	1%	-1%	11%	4%	5%	5%
	Above Normal	7%	5%	3%	13%	3%	0%	-2%	-1%	11%	4%	4%	4%
	Below Normal	5%	5%	6%	4%	-2%	-1%	0%	0%	26%	4%	4%	4%
	Dry	2%	21%	2%	7%	4%	2%	0%	0%	-2%	1%	2%	1%
	Critical	3%	4%	4%	10%	0%	0%	0%	0%	0%	0%	0%	0%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.72	0.54	0.48	0.25	0.38	0.62	0.72	0.93	1.14	1.18	1.02	0.76	8.74
1923	Below Normal	0.50	0.42	0.35	0.47	0.38	0.48	0.60	0.99	1.21	1.26	1.07	0.79	8.52
1924	Critical	0.42	0.32	0.28	0.07	0.08	0.14	0.25	0.31	0.59	0.61	0.54	0.27	3.88
1925	Dry	0.17	0.14	0.15	0.07	0.07	0.30	0.66	1.08	1.31	1.37	1.15	0.85	7.32
1926	Dry	0.43	0.33	0.29	0.07	0.09	0.21	0.35	0.90	1.08	1.13	0.95	0.70	6.53
1927	Wet	0.36	0.27	0.24	0.15	0.29	0.68	0.77	0.96	1.19	1.23	1.07	0.80	8.01
1928	Above Normal	0.54	0.46	0.38	0.17	0.22	0.21	0.85	1.06	1.31	1.35	1.17	0.88	8.60
1929	Critical	0.60	0.52	0.42	0.06	0.06	0.09	0.23	0.35	0.64	0.67	0.59	0.30	4.53
1930	Dry	0.19	0.16	0.17	0.06	0.09	0.14	0.43	0.61	0.92	0.96	0.83	0.50	5.06
1931	Critical	0.28	0.23	0.23	0.06	0.09	0.15	0.31	0.39	0.72	0.75	0.66	0.33	4.20
1932	Dry	0.21	0.18	0.19	0.09	0.15	0.29	0.48	0.79	0.98	1.03	0.87	0.62	5.88
1933	Critical	0.32	0.24	0.22	0.06	0.20	0.26	0.38	0.63	0.93	0.97	0.84	0.52	5.57
1934	Critical	0.29	0.23	0.23	0.07	0.08	0.16	0.37	0.46	0.84	0.88	0.77	0.26	4.64
1935	Below Normal	0.29	0.25	0.26	0.07	0.12	0.21	0.78	1.06	1.30	1.35	1.16	0.86	7.71
1936	Below Normal	0.54	0.45	0.38	0.07	0.15	0.77	0.83	1.06	1.30	1.35	1.17	0.88	8.95
1937	Below Normal	0.60	0.52	0.42	0.08	0.19	0.36	1.03	1.28	1.57	1.62	1.41	1.06	10.14
1938	Wet	0.73	0.63	0.52	0.21	0.46	0.83	1.09	1.36	1.68	1.74	1.50	1.12	11.87
1939	Dry	0.77	0.66	0.54	0.16	0.18	0.25	0.65	1.08	1.31	1.37	1.15	0.85	8.97
1940	Above Normal	0.43	0.32	0.28	0.06	0.07	0.27	0.65	1.09	1.32	1.38	1.16	0.86	7.89
1941	Wet	0.44	0.33	0.29	0.30	0.40	0.68	0.87	1.09	1.35	1.40	1.21	0.90	9.26
1942	Wet	0.61	0.52	0.43	0.42	0.38	0.55	0.66	0.96	1.18	1.22	1.04	0.77	8.74
1943	Wet	0.44	0.36	0.30	0.39	0.41	0.64	0.98	1.22	1.51	1.56	1.35	1.01	10.17
1944	Dry	0.68	0.58	0.48	0.06	0.06	0.16	0.45	0.67	0.95	0.99	0.85	0.54	6.47
1945	Below Normal	0.30	0.24	0.23	0.13	0.13	0.76	0.83	1.03	1.27	1.31	1.14	0.85	8.22
1946	Below Normal	0.58	0.50	0.41	0.48	0.43	0.61	0.67	0.90	1.11	1.15	0.99	0.73	8.56
1947	Dry	0.47	0.40	0.33	0.18	0.16	0.28	0.85	1.06	1.30	1.34	1.16	0.87	8.40
1948	Below Normal	0.60	0.51	0.42	0.07	0.06	0.09	0.31	0.92	1.12	1.16	0.98	0.72	6.96
1949	Dry	0.37	0.28	0.25	0.12	0.11	0.19	0.72	1.11	1.35	1.41	1.19	0.88	7.98
1950	Below Normal	0.48	0.37	0.33	0.07	0.06	0.16	0.59	0.97	0.92	1.27	1.08	0.80	7.10
1951	Above Normal	0.43	0.33	0.30	0.56	0.52	0.74	0.76	0.99	1.23	1.27	1.10	0.81	9.04
1952	Wet	0.55	0.47	0.38	0.44	0.46	0.67	0.84	1.27	1.57	1.62	1.40	1.05	10.72
1953	Wet	0.71	0.61	0.49	0.43	0.22	0.25	0.54	0.94	1.15	1.20	1.01	0.74	8.29
1954	Above Normal	0.37	0.27	0.24	0.14	0.31	0.30	0.63	1.06	1.29	1.34	1.13	0.83	7.91
1955	Dry	0.42	0.31	0.28	0.14	0.17	0.24	0.55	0.92	1.11	1.16	0.98	0.72	7.00
1956	Wet	0.36	0.27	0.24	0.43	0.59	0.84	0.90	1.12	1.39	1.44	1.24	0.92	9.74
1957	Above Normal	0.62	0.53	0.43	0.13	0.15	0.36	0.64	1.08	1.31	1.37	1.15	0.85	8.62
1958	Wet	0.43	0.32	0.29	0.18	0.45	0.69	1.09	1.36	1.68	1.74	1.51	1.13	10.87
1959	Below Normal	0.77	0.66	0.54	0.13	0.19	0.25	0.54	0.90	0.86	1.18	1.00	0.74	7.76
1960	Dry	0.39	0.30	0.27	0.06	0.06	0.19	0.73	1.13	1.37	1.42	1.21	0.89	8.02
1961	Dry	0.49	0.38	0.33	0.06	0.08	0.14	0.57	0.93	1.13	1.18	0.99	0.73	7.01
1962	Below Normal	0.37	0.28	0.25	0.07	0.06	0.25	0.61	1.01	1.22	1.28	1.08	0.79	7.27
1963	Wet	0.40	0.30	0.27	0.45	0.40	0.59	0.66	0.92	1.14	1.18	1.01	0.75	8.07
1964	Dry	0.47	0.39	0.32	0.23	0.46	0.46	0.72	0.96	1.18	1.22	1.05	0.78	8.24
1965	Wet	0.49	0.41	0.34	0.32	0.41	0.60	0.69	0.94	1.16	1.20	1.03	0.76	8.35
1966	Below Normal	0.47	0.39	0.32	0.44	0.38	0.49	0.61	0.99	1.21	1.26	1.07	0.78	8.41
1967	Wet	0.42	0.33	0.28	0.18	0.50	0.74	1.09	1.36	1.67	1.73	1.50	1.12	10.92
1968	Below Normal	0.76	0.65	0.53	0.18	0.22	0.25	0.55	0.91	1.10	1.15	0.97	0.71	7.98
1969	Wet	0.36	0.26	0.24	0.42	0.47	0.77	1.07	1.33	1.65	1.70	1.47	1.10	10.84
1970	Wet	0.74	0.64	0.52	0.48	0.43	0.74	0.76	0.97	1.21	1.25	1.08	0.80	9.62
1971	Wet	0.54	0.46	0.37	0.44	0.39	0.46	0.62	0.99	1.21	1.26	1.07	0.79	8.60
1972	Below Normal	0.43	0.33	0.29	0.26	0.37	0.52	0.63	1.02	1.24	1.29	1.09	0.80	8.27
1973	Above Normal	0.42	0.32	0.28	0.20	0.46	0.68	0.79	1.01	1.25	1.30	1.12	0.83	8.66
1974	Wet	0.57	0.48	0.40	0.48	0.49	0.73	0.85	1.06	1.32	1.36	1.18	0.87	9.79
1975	Wet	0.59	0.50	0.41	0.32	0.23	0.66	0.78	0.98	1.21	1.25	1.08	0.81	8.82
1976	Critical	0.55	0.47	0.38	0.15	0.14	0.23	0.63	1.03	1.25	1.31	1.10	0.81	8.05
1977	Critical	0.41	0.31	0.27	0.06	0.06	0.09	0.16	0.21	0.00	0.00	0.00	0.81	2.38
1978	Above Normal	0.33	0.25	0.24	0.06	0.18	0.59	0.73	1.00	1.22	1.27	1.09	0.81	7.77
1979	Below Normal	0.52	0.44	0.37	0.11	0.14	0.70	0.81	1.01	1.25	1.29	1.12	0.84	8.60
1980	Above Normal	0.57	0.49	0.40	0.20	0.51	0.78	1.08	1.35	1.67	1.73	1.49	1.12	11.39
1981	Dry	0.76	0.65	0.53	0.11	0.15	0.22	0.57	0.97	1.18	1.23	1.04	0.76	8.17
1982	Wet	0.39	0.29	0.26	0.39	0.42	0.70	1.08	1.35	1.67	1.73	1.49	1.12	10.89
1983	Wet	0.76	0.65	0.53	0.54	0.50	0.76	1.05	1.31	1.63	1.68	1.46	1.08	11.95
1984	Wet	0.81	0.70	0.59	0.62	0.52	0.73	0.75	0.99	1.23	1.27	1.10	0.81	10.12
1985	Dry	0.55	0.47	0.38	0.45	0.39	0.67	0.75	0.97	1.20	1.24	1.07	0.80	8.94
1986	Wet	0.54	0.46	0.37	0.06	0.10	0.83	1.08	1.34	1.65	1.70	1.48	1.11	10.72
1987	Dry	0.76	0.66	0.54	0.06	0.06	0.09	0.23	0.29	0.54	0.56	0.50	0.25	4.54
1988	Critical	0.16	0.13	0.14	0.07	0.10	0.09	0.17	0.23	0.43	0.44	0.39	0.19	2.54
1989	Dry	0.12	0.10	0.11	0.10	0.11	0.14	0.78	1.07	1.31	1.36	1.17	0.87	7.24
1990	Critical	0.54	0.45	0.38	0.06	0.07	0.12	0.27	0.34	0.63	0.65	0.58	0.29	4.38
1991	Critical	0.18	0.15	0.16	0.07	0.06	0.09	0.18	0.22	0.42	0.44	0.39	0.19	2.55
1992	Critical	0.12	0.10	0.11	0.06	0.06	0.09	0.25	0.31	0.57	0.59	0.52	0.26	3.04
1993	Above Normal	0.16	0.14	0.15	0.07	0.41	0.60	0.69	1.00	1.22	1.27	1.08	0.80	7.59
1994	Critical	0.46	0.37	0.32	0.14	0.14	0.27	0.63	1.04	1.27	1.32	1.11	0.82	7.89
1995	Wet	0.41	0.31	0.28	0.07	0.34	0.39	0.99	1.24	1.52	1.57	1.37	1.02	9.51
1996	Wet	0.70	0.60	0.49	0.34	0.27	0.59	0.75	0.94	1.16	1.20	1.04	0.77	8.85
1997	Wet	0.52	0.45	0.37	0.44	0.45	0.78	0.91	1.13	1.40	1.45	1.26	0.93	10.09
1998	Wet	0.63	0.54	0.44	0.14	0.40	0.65	0.81	1.03	1.27	1.31	1.14	0.85	9.21
1999	Wet	0.58	0.57	0.48	0.52	0.52	0.73	0.76	0.99	1.22	1.27	1.09	0.81	9.54
2000	Above Normal	0.55	0.47	0.38	0.14	0.33	0.46	0.70	1.01	1.24	1.29	1.10	0.81	8.48
2001	Dry	0.48	0.39	0.33	0.06	0.07	0.16	0.38	0.49	0.86	0.90	0.79	0.42	5.33
2002	Dry	0.25	0.21	0.22	0.15	0.18	0.24	0.82	1.01	1.25	1.29	1.12	0.84	7.58
2003	Above Normal	0.57	0.49	0.41	0.20	0.19	0.25	0.54	0.90	1.09	1.14	0.96	0.70	7.44
	Average	0.48	0.40	0.34	0.21	0.25	0.43	0.67	0.94	1.18	1.23	1.06	0.77	7.96
	Wet	0.54	0.45	0.38	0.35	0.40	0.66	0.86	1.12	1.39	1.43	1.24	0.92	9.75
	Above Normal	0.48	0.38	0.33	0.18	0.31	0.49	0.73	1.04	1.27	1.32	1.13	0.84	8.51
	Below Normal	0.52	0.43	0.36	0.19	0.21	0.42	0.67	1.00	1.19	1.28	1.10	0.81	8.18
	Dry	0.44	0.37	0.32	0.12	0.15	0.24	0.59	0.89	1.13	1.18	1.00	0.72	7.15
	Critical	0.36	0.29	0.26	0.08	0.10	0.15	0.32	0.46	0.69	0.72	0.62	0.42	4.47

Energy Use (GWh) At Pumping Plant at Las Perillas: Alternative1_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.72	0.54	0.48	0.25	0.38	0.62	0.72	0.93	1.14	1.18	1.02	0.76	8.74
1923	Below Normal	0.50	0.42	0.35	0.47	0.38	0.48	0.60	0.99	1.21	1.26	1.07	0.79	8.52
1924	Critical	0.42	0.32	0.28	0.07	0.08	0.14	0.25	0.31	0.59	0.61	0.54	0.27	3.88
1925	Dry	0.17	0.14	0.15	0.07	0.07	0.30	0.66	1.08	1.31	1.37	1.15	0.85	7.32
1926	Dry	0.44	0.33	0.29	0.07	0.09	0.21	0.35	0.90	1.08	1.13	0.95	0.70	6.54
1927	Wet	0.36	0.27	0.24	0.15	0.29	0.68	0.77	0.96	1.19	1.23	1.07	0.80	8.01
1928	Above Normal	0.54	0.46	0.38	0.17	0.22	0.21	0.85	1.06	1.31	1.35	1.17	0.88	8.60
1929	Critical	0.60	0.52	0.42	0.06	0.06	0.09	0.23	0.35	0.64	0.67	0.59	0.30	4.53
1930	Dry	0.19	0.16	0.17	0.06	0.09	0.14	0.43	0.61	0.92	0.96	0.83	0.50	5.06
1931	Critical	0.28	0.23	0.23	0.06	0.09	0.15	0.31	0.39	0.72	0.75	0.66	0.33	4.20
1932	Dry	0.21	0.18	0.19	0.09	0.15	0.29	0.48	0.79	0.98	1.03	0.87	0.62	5.88
1933	Critical	0.32	0.24	0.22	0.06	0.20	0.26	0.38	0.63	0.93	0.97	0.84	0.52	5.57
1934	Critical	0.29	0.23	0.23	0.07	0.08	0.16	0.36	0.46	0.84	0.88	0.77	0.23	4.60
1935	Below Normal	0.30	0.26	0.27	0.07	0.12	0.21	0.78	1.06	1.30	1.35	1.16	0.86	7.74
1936	Below Normal	0.54	0.45	0.38	0.07	0.15	0.77	0.83	1.06	1.30	1.35	1.17	0.88	8.95
1937	Below Normal	0.60	0.52	0.42	0.08	0.19	0.36	1.03	1.28	1.57	1.62	1.41	1.06	10.14
1938	Wet	0.73	0.63	0.52	0.20	0.45	0.81	1.10	1.37	1.69	1.74	1.51	1.13	11.88
1939	Dry	0.77	0.66	0.54	0.13	0.14	0.20	0.55	0.92	0.88	1.20	1.02	0.76	7.77
1940	Above Normal	0.40	0.31	0.28	0.06	0.07	0.27	0.65	1.09	1.32	1.38	1.16	0.86	7.85
1941	Wet	0.44	0.33	0.29	0.30	0.40	0.67	0.87	1.09	1.35	1.39	1.21	0.90	9.24
1942	Wet	0.61	0.52	0.43	0.42	0.38	0.55	0.66	0.96	1.18	1.22	1.04	0.77	8.74
1943	Wet	0.44	0.36	0.30	0.39	0.41	0.63	0.97	1.21	1.50	1.55	1.34	1.00	10.10
1944	Dry	0.68	0.26	0.79	0.06	0.06	0.16	0.45	0.67	0.95	0.99	0.85	0.54	6.46
1945	Below Normal	0.30	0.24	0.23	0.13	0.13	0.75	0.83	1.03	1.27	1.31	1.14	0.85	8.21
1946	Below Normal	0.58	0.50	0.41	0.48	0.43	0.61	0.67	0.90	1.12	1.16	0.99	0.73	8.58
1947	Dry	0.47	0.39	0.32	0.18	0.16	0.28	0.85	1.06	1.30	1.35	1.17	0.88	8.41
1948	Below Normal	0.60	0.52	0.42	0.07	0.06	0.09	0.31	0.93	1.12	1.17	0.98	0.72	6.99
1949	Dry	0.37	0.28	0.25	0.11	0.11	0.19	0.71	1.11	1.35	1.41	1.19	0.88	7.96
1950	Below Normal	0.48	0.37	0.32	0.07	0.06	0.16	0.59	0.97	0.92	1.27	1.08	0.80	7.09
1951	Above Normal	0.43	0.33	0.30	0.55	0.52	0.74	0.76	0.99	1.23	1.27	1.10	0.82	9.04
1952	Wet	0.55	0.47	0.38	0.44	0.46	0.67	0.84	1.08	1.34	1.39	1.20	0.89	9.71
1953	Wet	0.60	0.51	0.42	0.49	0.37	0.42	0.59	1.00	1.23	1.28	1.08	0.79	8.78
1954	Above Normal	0.41	0.31	0.27	0.14	0.36	0.34	0.63	1.07	1.30	1.36	1.14	0.84	8.17
1955	Dry	0.42	0.31	0.28	0.15	0.18	0.25	0.57	0.94	1.14	1.19	1.00	0.73	7.16
1956	Wet	0.37	0.28	0.25	0.42	0.58	0.84	0.90	1.13	1.39	1.44	1.25	0.93	9.78
1957	Above Normal	0.63	0.53	0.43	0.13	0.15	0.35	0.64	1.08	1.31	1.37	1.15	0.85	8.62
1958	Wet	0.43	0.32	0.29	0.18	0.45	0.69	1.09	1.36	1.68	1.74	1.50	1.13	10.86
1959	Below Normal	0.77	0.66	0.54	0.13	0.19	0.25	0.54	0.90	0.86	1.18	1.00	0.74	7.76
1960	Dry	0.39	0.30	0.27	0.06	0.06	0.19	0.73	1.13	1.37	1.42	1.21	0.89	8.02
1961	Dry	0.49	0.38	0.33	0.06	0.08	0.14	0.57	0.93	1.13	1.18	0.99	0.73	7.01
1962	Below Normal	0.33	0.30	0.27	0.07	0.06	0.25	0.61	1.01	1.22	1.28	1.08	0.79	7.27
1963	Wet	0.40	0.30	0.27	0.45	0.40	0.59	0.66	0.92	1.14	1.18	1.01	0.75	8.07
1964	Dry	0.47	0.39	0.32	0.23	0.46	0.46	0.72	0.96	1.18	1.22	1.05	0.78	8.24
1965	Wet	0.49	0.41	0.34	0.32	0.41	0.60	0.69	0.94	1.16	1.20	1.03	0.76	8.35
1966	Below Normal	0.47	0.39	0.32	0.44	0.38	0.49	0.61	0.99	1.21	1.26	1.06	0.78	8.40
1967	Wet	0.42	0.33	0.28	0.18	0.50	0.74	1.09	1.36	1.67	1.73	1.50	1.12	10.92
1968	Below Normal	0.76	0.65	0.53	0.18	0.21	0.25	0.55	0.91	1.11	1.16	0.97	0.71	7.99
1969	Wet	0.36	0.27	0.24	0.42	0.47	0.77	1.07	1.33	1.65	1.70	1.47	1.10	10.85
1970	Wet	0.75	0.64	0.52	0.47	0.42	0.72	0.76	0.97	1.20	1.24	1.07	0.79	9.55
1971	Wet	0.53	0.46	0.37	0.44	0.39	0.48	0.62	0.98	1.20	1.26	1.06	0.78	8.57
1972	Below Normal	0.43	0.34	0.29	0.26	0.37	0.52	0.63	1.01	1.24	1.29	1.09	0.80	8.27
1973	Above Normal	0.42	0.32	0.28	0.20	0.46	0.68	0.79	1.01	1.25	1.30	1.12	0.83	8.66
1974	Wet	0.57	0.48	0.40	0.48	0.49	0.73	0.85	1.06	1.31	1.36	1.17	0.87	9.77
1975	Wet	0.59	0.50	0.41	0.32	0.23	0.66	0.78	0.98	1.21	1.25	1.08	0.81	8.82
1976	Critical	0.55	0.47	0.38	0.15	0.14	0.23	0.63	1.04	1.26	1.31	1.10	0.81	8.07
1977	Critical	0.41	0.31	0.27	0.06	0.06	0.09	0.16	0.21	0.00	0.00	0.00	0.81	2.38
1978	Above Normal	0.23	0.30	0.28	0.06	0.18	0.55	0.71	1.03	1.25	1.30	1.11	0.83	7.83
1979	Below Normal	0.50	0.41	0.35	0.11	0.14	0.67	0.77	0.97	1.19	1.23	1.07	0.80	8.21
1980	Above Normal	0.55	0.47	0.39	0.33	0.50	0.77	0.91	1.17	1.45	1.50	1.29	0.96	10.29
1981	Dry	0.65	0.56	0.45	0.15	0.27	0.37	0.64	1.08	1.31	1.36	1.15	0.85	8.84
1982	Wet	0.43	0.33	0.29	0.39	0.42	0.70	1.08	1.35	1.67	1.73	1.49	1.12	11.00
1983	Wet	0.76	0.65	0.53	0.54	0.50	0.76	1.05	1.31	1.63	1.68	1.46	1.08	11.95
1984	Wet	0.81	0.70	0.59	0.62	0.52	0.73	0.75	0.99	1.23	1.27	1.10	0.81	10.12
1985	Dry	0.55	0.47	0.38	0.45	0.39	0.67	0.75	0.97	1.20	1.24	1.07	0.80	8.94
1986	Wet	0.54	0.46	0.37	0.06	0.10	0.81	1.08	1.34	1.65	1.71	1.48	1.11	10.71
1987	Dry	0.76	0.66	0.54	0.06	0.06	0.09	0.23	0.29	0.54	0.56	0.50	0.25	4.54
1988	Critical	0.16	0.13	0.14	0.07	0.10	0.09	0.17	0.23	0.43	0.45	0.40	0.20	2.57
1989	Dry	0.12	0.10	0.11	0.10	0.11	0.14	0.78	1.08	1.32	1.37	1.17	0.87	7.27
1990	Critical	0.54	0.44	0.37	0.06	0.07	0.12	0.27	0.34	0.63	0.66	0.58	0.29	4.37
1991	Critical	0.18	0.15	0.17	0.07	0.06	0.09	0.18	0.22	0.42	0.44	0.39	0.19	2.56
1992	Critical	0.12	0.10	0.11	0.06	0.06	0.09	0.24	0.30	0.56	0.58	0.51	0.26	2.99
1993	Above Normal	0.16	0.14	0.15	0.07	0.41	0.61	0.69	0.99	1.22	1.27	1.08	0.80	7.59
1994	Critical	0.47	0.37	0.32	0.14	0.14	0.27	0.63	1.04	1.26	1.32	1.11	0.82	7.89
1995	Wet	0.41	0.31	0.28	0.07	0.34	0.39	0.99	1.24	1.52	1.57	1.37	1.02	9.51
1996	Wet	0.70	0.16	0.93	0.34	0.27	0.59	0.75	0.93	1.15	1.19	1.03	0.77	8.81
1997	Wet	0.52	0.45	0.36	0.44	0.45	0.78	0.91	1.13	1.40	1.45	1.26	0.93	10.08
1998	Wet	0.63	0.54	0.44	0.14	0.40	0.65	0.81	1.02	1.26	1.30	1.13	0.84	9.16
1999	Wet	0.57	0.49	0.48	0.52	0.52	0.73	0.76	0.99	1.22	1.27	1.09	0.81	9.45
2000	Above Normal	0.55	0.47	0.38	0.14	0.33	0.45	0.70	1.02	1.24	1.29	1.10	0.82	8.49
2001	Dry	0.48	0.39	0.33	0.06	0.07	0.16	0.38	0.49	0.86	0.90	0.79	0.42	5.33
2002	Dry	0.25	0.21	0.22	0.15	0.18	0.24	0.81	1.01	1.25	1.29	1.12	0.84	7.57
2003	Above Normal	0.57	0.49	0.41	0.20	0.19	0.25	0.54	0.90	1.09	1.14	0.96	0.70	7.44
	Average	0.48	0.38	0.35	0.21	0.26	0.43	0.67	0.94	1.17	1.23	1.05	0.77	7.93
	Wet	0.54	0.43	0.39	0.35	0.41	0.67	0.87	1.12	1.38	1.43	1.23	0.92	9.72
	Above Normal	0.47	0.39	0.34	0.19	0.31	0.49	0.72	1.03	1.26	1.31	1.12	0.83	8.44
	Below Normal	0.51	0.43	0.36	0.19	0.21	0.42	0.67	1.00	1.19	1.28	1.09	0.81	8.15
	Dry	0.44	0.34	0.33	0.12	0.15	0.25	0.59	0.89	1.12	1.18	1.00	0.72	7.13
	Critical	0.36	0.29	0.26	0.08	0.10	0.15	0.32	0.46	0.69	0.72	0.62	0.42	4.47

Difference in Energy Use (GWh) At Pumping Plant at Las Perillas: Alternative1_2020 minus CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.03)	0.00
1935	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
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	0.01	0.01	0.01	0.00	0.01	0.01	0.00
1939	Dry	0.00	0.00	0.00	(0.03)	(0.04)	(0.05)	(0.10)	(0.16)	(0.43)	(0.17)	(0.13)	(0.09)	(0.10)
1940	Above Normal	(0.03)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
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	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
1944	Dry	0.00	(0.32)	0.31	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	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00
1947	Dry	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00
1948	Below Normal	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.19)	(0.23)	(0.23)	(0.20)	(0.16)	(0.08)
1953	Wet	(0.11)	(0.10)	(0.07)	0.06	0.15	0.17	0.05	0.06	0.08	0.08	0.07	0.05	0.04
1954	Above Normal	0.04	0.04	0.03	0.00	0.05	0.04	0.00	0.01	0.01	0.02	0.01	0.01	0.02
1955	Dry	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.02	0.01	0.01
1956	Wet	0.01	0.01	0.01	(0.01)	(0.01)	0.00	0.00	0.01	0.00	0.00	0.01	0.01	0.00
1957	Above Normal	0.01	0.00	0.00	0.00	0.00	(0.01)	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	(0.01)	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	(0.04)	0.02	0.02	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	(0.01)	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	(0.01)	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00
1969	Wet	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.01	0.00	0.00	(0.01)	(0.01)	(0.02)	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
1971	Wet	(0.01)	0.00	0.00	0.00	0.00	0.02	0.00	(0.01)	(0.01)	0.00	(0.01)	(0.01)	0.00
1972	Below Normal	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	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	0.01	0.01	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	(0.10)	0.05	0.04	0.00	0.00	(0.04)	(0.02)	0.03	0.03	0.03	0.02	0.02	0.01
1979	Below Normal	(0.02)	(0.03)	(0.02)	0.00	0.00	(0.03)	(0.04)	(0.04)	(0.06)	(0.06)	(0.05)	(0.04)	(0.03)
1980	Above Normal	(0.02)	(0.02)	(0.01)	0.13	(0.01)	(0.01)	(0.17)	(0.18)	(0.22)	(0.23)	(0.20)	(0.16)	(0.09)
1981	Dry	(0.11)	(0.09)	(0.08)	0.04	0.12	0.15	0.07	0.11	0.13	0.13	0.11	0.09	0.06
1982	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
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.01	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	0.01	0.01	0.01	0.00
1989	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
1990	Critical	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.01	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	(0.44)	0.44	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00
1997	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
1998	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
1999	Wet	(0.01)	(0.08)	0.00	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	(0.01)	0.00	0.01	0.00	0.00	0.00	0.01	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	(0.01)	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)	0.01	0.00	0.00	0.00	(0.00)	(0.00)	(0.01)	(0.00)	(0.00)	(0.00)	(0.00)
	Wet	(0.00)	(0.02)	0.02	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.00)
	Above Normal	(0.01)	0.00	0.01	0.01	0.00	(0.00)	(0.02)	(0.01)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)
	Below Normal	(0.00)	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
	Dry	(0.01)	(0.02)	0.01	0.00	0.01	0.01	(0.00)	(0.00)	(0.01)	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 Las Perillas: Alternative1_2020 minus CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	-3%	0%	0%	0%	0%	-12%
1935	Below Normal	3%	4%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-5%	-2%	-2%	1%	1%	1%	0%	1%	1%
1939	Dry	0%	0%	0%	-19%	-22%	-20%	-15%	-15%	-33%	-12%	-11%	-11%
1940	Above Normal	-7%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	-1%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	-2%	-1%	-1%	-1%	-1%	-1%	-1%
1944	Dry	0%	-55%	65%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%	0%
1947	Dry	0%	-3%	-3%	0%	0%	0%	0%	0%	0%	1%	1%	1%
1948	Below Normal	0%	2%	0%	0%	0%	0%	0%	1%	0%	1%	0%	0%
1949	Dry	0%	0%	0%	-8%	0%	0%	-1%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	1%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	-15%	-15%	-14%	-14%	-15%
1953	Wet	-15%	-16%	-14%	14%	68%	68%	9%	6%	7%	7%	7%	7%
1954	Above Normal	11%	15%	13%	0%	16%	13%	0%	1%	1%	1%	1%	1%
1955	Dry	0%	0%	0%	7%	6%	4%	4%	2%	3%	3%	2%	1%
1956	Wet	3%	4%	4%	-2%	-2%	0%	0%	1%	0%	0%	1%	1%
1957	Above Normal	2%	0%	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	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	-11%	7%	8%	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%	-1%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	-5%	0%	0%	0%	1%	1%	0%	0%
1969	Wet	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	1%	0%	0%	-2%	-2%	-3%	0%	0%	-1%	-1%	-1%	-1%
1971	Wet	-2%	0%	0%	0%	0%	4%	0%	-1%	-1%	0%	-1%	-1%
1972	Below Normal	0%	3%	0%	0%	0%	0%	0%	-1%	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%	-1%	0%	-1%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-30%	20%	17%	0%	0%	-7%	-3%	3%	2%	2%	2%	2%
1979	Below Normal	-4%	-7%	-5%	0%	0%	-4%	-5%	-4%	-5%	-5%	-4%	-5%
1980	Above Normal	-4%	-4%	-3%	65%	-2%	-1%	-16%	-13%	-13%	-13%	-13%	-14%
1981	Dry	-14%	-14%	-15%	36%	80%	68%	12%	11%	11%	11%	11%	12%
1982	Wet	10%	14%	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	1%	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%	2%	3%	5%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	0%	0%
1990	Critical	0%	-2%	-3%	0%	0%	0%	0%	0%	0%	2%	0%	0%
1991	Critical	0%	0%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	-4%	-3%	-2%	-2%	-2%	0%
1993	Above Normal	0%	0%	0%	0%	0%	2%	0%	-1%	0%	0%	0%	0%
1994	Critical	2%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	-73%	90%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	0%
1997	Wet	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%
1999	Wet	-2%	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	-2%	0%	1%	0%	0%	0%	1%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-1%	-1%	2%	1%	2%	1%	0%	0%	-1%	0%	0%	0%
	Wet	0%	-3%	3%	0%	2%	2%	0%	0%	0%	0%	0%	0%
	Above Normal	-2%	2%	2%	5%	1%	0%	-2%	-1%	-1%	-1%	-1%	-1%
	Below Normal	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Dry	-1%	-4%	3%	1%	4%	3%	0%	0%	-1%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	-1%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	26.99	22.85	15.14	2.88	14.50	18.02	17.81	17.44	16.15	16.99	16.73	15.89	201.39
1923	Below Normal	12.69	11.66	10.42	17.39	20.97	18.16	17.72	17.65	16.66	19.48	18.17	15.39	196.36
1924	Critical	11.23	10.28	6.99	4.71	4.48	6.48	8.95	8.64	8.04	9.59	7.28	5.35	92.02
1925	Dry	0.47	0.26	0.09	0.70	3.04	14.38	15.93	20.31	19.59	23.36	21.45	17.55	137.13
1926	Dry	12.84	11.79	7.44	3.00	3.51	8.45	11.35	16.94	16.16	19.23	17.65	14.44	142.80
1927	Wet	10.05	9.13	5.40	2.31	8.97	19.78	18.67	18.43	17.07	17.59	17.52	16.96	161.88
1928	Above Normal	13.93	12.85	11.93	9.78	12.25	11.71	21.08	20.77	19.34	19.90	19.84	19.21	192.59
1929	Critical	16.20	15.03	14.12	9.37	8.52	7.17	8.43	9.34	8.78	10.54	7.98	1.51	116.99
1930	Dry	3.05	2.92	1.27	2.92	3.42	6.13	13.60	13.37	12.89	15.29	12.57	9.68	97.11
1931	Critical	4.44	3.51	1.17	2.90	3.35	6.44	10.52	10.20	9.69	11.69	8.79	6.42	79.12
1932	Dry	1.11	0.29	0.11	2.37	3.63	22.77	11.39	15.48	14.66	17.46	15.85	12.90	118.02
1933	Critical	8.46	7.60	4.21	2.92	24.36	6.42	8.09	13.57	12.98	15.52	12.95	10.05	127.13
1934	Critical	4.97	4.02	1.56	2.98	3.17	6.73	11.80	11.56	11.19	13.43	10.15	0.76	82.32
1935	Below Normal	6.66	5.00	2.44	3.02	4.09	8.56	20.40	20.24	19.16	20.80	20.12	18.37	148.86
1936	Below Normal	14.80	13.69	11.62	7.31	8.63	26.97	15.92	20.21	18.81	19.39	19.30	18.68	195.33
1937	Below Normal	15.66	14.50	13.59	9.96	24.36	26.97	20.06	24.14	22.70	23.37	23.29	22.57	241.17
1938	Wet	19.56	18.22	17.35	11.76	24.36	26.97	25.19	24.96	23.59	24.22	24.14	23.43	263.75
1939	Dry	20.39	18.98	18.11	13.22	14.57	13.98	20.39	20.53	7.40	27.02	17.24	25.70	217.53
1940	Above Normal	8.79	7.49	26.97	2.87	3.08	10.26	19.82	20.48	19.78	24.86	23.16	18.92	186.48
1941	Wet	14.11	12.96	8.36	4.85	15.27	19.36	20.49	20.25	18.82	19.43	19.35	18.75	192.00
1942	Wet	15.71	14.55	13.65	18.46	23.66	22.99	17.52	17.28	16.25	18.33	17.40	15.34	211.14
1943	Wet	11.57	10.60	8.07	12.74	18.94	19.47	22.46	22.21	20.74	21.40	21.34	20.72	210.26
1944	Dry	17.67	0.17	26.97	7.92	7.14	8.01	14.24	14.14	13.43	16.03	13.59	10.65	149.96
1945	Below Normal	5.60	4.65	2.07	4.71	4.01	26.97	15.83	19.65	18.29	18.86	18.75	18.17	157.56
1946	Below Normal	15.15	14.00	13.09	18.75	24.36	24.96	16.96	16.41	15.11	16.00	15.73	14.86	205.38
1947	Dry	11.62	10.66	9.34	8.55	10.14	10.80	21.02	20.68	19.26	19.76	19.72	19.12	180.67
1948	Below Normal	16.11	14.93	14.03	9.40	8.55	7.07	10.42	16.79	0.83	25.90	23.79	19.47	167.29
1949	Dry	14.61	13.37	8.63	4.57	3.94	7.52	20.83	20.89	20.10	23.39	21.76	20.99	180.60
1950	Below Normal	16.43	15.62	19.41	3.48	3.17	6.51	18.43	18.44	0.81	25.08	23.02	18.82	169.22
1951	Above Normal	14.01	12.85	8.29	26.97	24.36	26.97	13.67	18.12	16.77	17.25	17.19	16.66	213.11
1952	Wet	13.60	12.53	11.60	18.20	25.23	26.97	21.20	22.94	21.44	22.14	22.07	21.42	239.34
1953	Wet	18.39	17.07	16.18	19.91	17.36	14.35	17.15	17.52	12.56	22.49	20.63	16.90	210.51
1954	Above Normal	12.27	11.18	6.95	3.87	9.92	10.87	19.19	19.55	18.71	22.73	21.10	17.28	173.62
1955	Dry	12.60	11.55	7.23	2.90	3.56	9.54	17.57	17.61	16.76	20.01	18.44	15.09	152.86
1956	Wet	10.62	9.68	5.85	14.96	25.23	26.97	16.35	20.27	18.91	19.45	19.38	18.81	206.48
1957	Above Normal	15.74	14.57	13.65	12.50	12.50	15.81	19.75	20.20	19.52	24.77	22.91	18.75	210.67
1958	Wet	13.93	12.79	8.19	1.04	17.02	19.64	25.13	25.04	23.58	24.25	24.22	23.49	218.32
1959	Below Normal	20.48	15.35	26.97	9.97	9.89	11.83	17.31	17.15	0.87	23.26	21.34	17.46	191.88
1960	Dry	12.78	11.70	7.37	2.88	2.76	7.21	21.06	21.20	20.48	25.19	23.40	21.53	177.56
1961	Dry	16.93	15.62	11.29	4.21	4.41	6.42	17.83	17.77	17.05	20.29	18.64	16.57	167.03
1962	Below Normal	0.29	23.09	25.15	3.01	2.83	9.54	18.78	19.01	0.84	25.97	23.86	19.52	171.89
1963	Wet	14.62	13.45	8.72	10.11	15.26	16.88	17.15	16.80	15.57	16.85	16.38	15.11	176.90
1964	Dry	11.70	10.73	8.96	8.25	22.39	17.77	18.21	17.87	16.68	17.97	17.48	16.19	184.20
1965	Wet	12.83	11.78	10.10	12.16	20.74	20.26	17.60	17.29	16.08	18.75	18.12	16.51	192.22
1966	Below Normal	13.03	11.98	9.96	15.22	19.17	16.53	17.84	17.68	16.73	19.38	18.15	15.43	191.10
1967	Wet	11.32	10.36	7.15	3.36	20.43	21.69	24.78	24.81	23.37	24.09	24.02	23.29	218.67
1968	Below Normal	20.25	18.84	17.94	10.21	12.57	12.71	17.66	17.60	0.90	23.88	21.90	17.92	192.38
1969	Wet	13.18	12.09	7.66	9.36	24.36	26.97	21.33	22.58	22.54	23.22	23.15	22.45	228.89
1970	Wet	19.39	18.04	17.16	21.51	24.36	26.97	17.87	17.84	16.50	17.00	16.90	16.36	229.90
1971	Wet	13.32	12.25	11.33	18.12	22.93	20.08	17.82	17.70	16.77	19.38	18.15	15.53	203.38
1972	Below Normal	11.46	10.51	7.41	5.80	16.29	16.50	18.55	18.55	17.72	20.80	19.28	16.11	178.98
1973	Above Normal	11.76	10.78	7.10	2.34	20.33	20.86	14.63	19.01	17.67	18.12	18.05	17.48	178.13
1974	Wet	14.45	13.32	12.42	18.96	24.36	26.97	25.11	19.26	17.94	18.43	18.35	17.80	227.37
1975	Wet	14.74	13.59	12.66	15.14	14.35	22.41	19.07	18.75	17.41	17.88	17.81	17.26	201.07
1976	Critical	14.21	13.12	12.21	10.43	10.91	12.22	19.51	19.72	18.94	23.44	21.49	19.42	195.62
1977	Critical	14.60	13.37	8.65	2.94	2.83	4.93	7.15	2.09	0.00	1.89	0.95	0.77	60.17
1978	Above Normal	0.32	11.70	16.56	2.87	3.65	17.86	19.37	19.04	17.83	19.11	18.61	17.27	164.19
1979	Below Normal	13.93	12.82	11.13	9.37	8.91	22.34	19.61	19.36	18.01	18.48	18.41	17.84	190.21
1980	Above Normal	14.81	13.67	12.80	21.75	25.23	26.97	20.65	24.69	23.26	23.98	23.90	23.20	254.91
1981	Dry	20.17	18.75	21.82	10.24	10.35	11.27	18.03	18.51	0.95	25.19	23.13	18.92	197.33
1982	Wet	14.06	12.92	8.33	8.76	15.75	19.65	24.61	24.48	23.05	23.71	23.62	22.91	221.85
1983	Wet	19.88	18.49	17.59	22.90	21.86	26.97	20.87	22.15	22.14	22.74	22.73	22.07	260.39
1984	Wet	21.82	20.46	26.97	20.49	25.23	26.97	13.44	18.06	16.65	17.23	17.15	16.62	241.09
1985	Dry	13.54	12.49	20.80	9.30	17.71	15.91	17.79	17.79	16.51	16.97	16.88	16.34	192.03
1986	Wet	13.31	12.26	11.31	9.46	16.26	26.97	20.84	24.94	23.53	24.15	24.13	23.40	230.56
1987	Dry	20.43	14.34	26.97	8.00	7.21	6.39	8.71	8.14	7.49	8.86	6.79	5.00	128.33
1988	Critical	0.35	0.26	0.10	0.36	3.71	5.05	7.26	6.79	5.98	7.22	5.51	4.08	46.67
1989	Dry	0.33	0.24	0.10	0.07	3.76	6.13	20.79	20.54	19.42	21.31	20.51	18.89	132.09
1990	Critical	15.26	14.11	11.82	6.93	6.52	7.03	9.56	9.08	8.54	10.24	7.74	5.68	112.51
1991	Critical	0.68	0.27	0.08	0.95	2.84	4.93	7.37	6.74	5.95	7.16	5.46	4.06	46.49
1992	Critical	0.34	0.24	0.11	0.07	1.64	5.01	8.99	8.50	7.83	9.34	7.12	5.32	54.51
1993	Above Normal	0.47	0.28	0.10	2.68	15.29	17.53	18.27	18.13	11.42	21.64	20.55	18.10	144.46
1994	Critical	14.16	13.00	10.12	6.81	6.96	11.62	19.59	19.70	18.94	24.17	6.11	23.46	174.64
1995	Wet	0.29	26.11	26.97	2.97	11.67	12.79	23.22	23.00	21.58	22.20	22.18	21.50	214.48
1996	Wet	18.48	17.17	25.93	7.22	8.46	17.50	18.30	17.83	16.46	16.97	16.91	16.35	197.58
1997	Wet	13.32	12.28	11.38	17.60	24.18	26.97	20.59	20.62	19.19	19.75	19.71	19.12	224.71
1998	Wet	16.06	14.87	13.95	12.46	23.54	26.22	19.92	19.04	17.64	18.26	18.22	17.63	217.81
1999	Wet	14.58	19.07	17.32	18.88	24.36	23.90	13.52	17.94	16.55	17.15	17.11	16.56	216.94
2000	Above Normal	13.50	12.44	11.50	11.52	19.01	17.13	18.95	18.76	17.67	19.84	18.95	16.85	196.12
2001	Dry	13.07	12.04	9.53	6.24	5.97	7.50	12.03	11.87	11.48	13.81	10.64	7.87	122.05
2002	Dry	2.26	1.35	0.08	1.17	3.65	9.48	20.17	19.80	18.37	19.01	18.97	20.18	134.49
2003	Above Normal	8.55	13.39	26.97	1.71	4.24	9.81	17.50	17.48	0.73	23.76	21.85	17.86	163.85
	Average	12.28	11.81	11.49	8.67	12.89	15.85	17.25	17.90	15.22	19.21	17.86	16.33	176.76
	Wet	14.35	14.46	13.14	12.83	19.77	22.56	20.01	20.46	19.07	20.27	20.03	19.09	216.06
	Above Normal	11.76	12.00	13.16	8.48	13.70	16.98	18.39	19.47	16.57	21.08	20.24	18.12	189.96
	Below Normal	13.04	13.33	13.23	9.11	11.99	16.83	17.54	18.78	11.96	21.48	20.37	17.90	185.54
	Dry	11.42	9.29	10.34	5.36	7.29	10.54	16.72	17.41	14.93	19.45	17.48	15.98	156.21
	Critical	8.74	7.90	5.93	4.28	6.61	7.00	10.60	10.49	9.74	12.02	8.46	7.24	99.02

Energy Use (GWh) At Pumping Plant at Oso: Alternative1_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	26.99	22.85	15.14	2.88	14.50	18.02	17.81	17.44	17.34	18.17	17.91	17.07	206.12
1923	Below Normal	13.87	12.84	11.60	17.48	20.95	18.05	17.73	17.66	17.86	20.70	19.38	16.58	204.70
1924	Critical	12.41	11.46	8.15	5.85	4.44	6.47	8.96	8.64	8.04	9.59	7.28	5.36	96.65
1925	Dry	0.47	0.26	0.09	0.70	3.03	14.20	15.94	20.32	19.84	23.62	21.71	17.81	137.99
1926	Dry	13.10	12.04	7.69	3.24	3.51	8.44	11.34	16.93	16.15	19.22	17.64	14.43	143.73
1927	Wet	10.04	9.12	5.40	2.31	8.96	19.78	18.67	18.43	18.25	18.77	18.70	18.14	166.57
1928	Above Normal	15.12	14.03	13.12	10.96	12.23	11.71	21.08	20.77	19.83	20.39	20.33	19.71	199.28
1929	Critical	16.69	15.52	14.61	9.86	8.52	7.17	8.43	9.34	8.77	10.53	7.98	1.10	118.52
1930	Dry	3.03	2.81	1.22	2.92	3.41	6.13	13.60	13.37	12.89	15.29	12.57	9.68	96.92
1931	Critical	4.44	3.51	1.17	2.90	3.35	6.44	10.52	10.20	9.68	11.68	8.79	6.42	79.10
1932	Dry	1.11	0.29	0.11	2.36	3.63	23.54	11.39	15.48	15.84	18.64	17.03	14.08	123.50
1933	Critical	9.64	8.78	5.38	4.09	24.36	6.42	8.09	13.57	12.98	15.52	12.95	10.05	131.83
1934	Critical	4.97	4.02	1.56	2.98	3.17	6.73	11.79	11.55	11.18	13.42	10.14	0.76	82.27
1935	Below Normal	6.64	4.98	2.42	3.02	4.10	8.52	20.43	20.28	20.23	21.97	21.23	19.39	153.21
1936	Below Normal	15.77	14.65	12.48	8.17	8.44	26.95	15.92	20.21	19.99	20.57	20.48	19.87	203.50
1937	Below Normal	16.85	15.68	14.77	9.96	23.98	18.37	20.06	24.14	23.88	24.55	24.47	23.75	240.46
1938	Wet	20.74	19.40	17.35	11.63	24.36	26.97	25.89	25.10	23.73	25.56	25.48	24.77	270.98
1939	Dry	21.75	20.34	19.47	14.95	13.20	11.60	17.63	17.55	1.95	24.85	20.02	22.01	205.32
1940	Above Normal	11.37	8.09	28.06	3.97	3.09	10.26	19.82	20.48	20.81	25.88	24.18	19.95	195.96
1941	Wet	15.14	13.98	8.89	4.85	15.27	19.30	20.43	20.18	19.94	20.54	20.46	19.86	198.84
1942	Wet	16.83	15.66	14.13	18.44	23.64	22.93	17.52	17.28	17.43	19.51	18.58	16.52	218.47
1943	Wet	12.75	11.78	9.25	12.74	18.79	19.32	22.35	22.10	21.81	22.47	22.41	21.79	217.56
1944	Dry	18.74	1.35	28.15	8.61	6.71	7.87	14.24	14.14	13.97	16.57	14.13	11.19	155.67
1945	Below Normal	6.14	5.19	2.61	5.25	4.01	23.80	15.86	19.67	19.50	20.06	19.96	19.37	161.42
1946	Below Normal	16.35	15.20	14.30	19.92	24.36	25.64	16.99	16.46	16.28	17.28	16.95	15.97	215.70
1947	Dry	12.68	11.73	10.29	9.35	10.62	10.05	21.08	20.74	19.53	20.04	20.00	19.39	185.50
1948	Below Normal	16.38	15.20	14.30	9.64	8.46	7.04	10.43	16.15	0.83	25.92	23.79	19.46	167.60
1949	Dry	14.61	13.38	8.64	4.55	3.93	7.50	20.85	20.92	20.13	23.49	21.82	20.96	180.78
1950	Below Normal	16.36	15.53	0.10	3.48	3.17	6.51	18.43	18.44	0.92	25.19	23.13	18.93	150.19
1951	Above Normal	14.12	12.96	8.29	20.79	22.13	26.97	13.69	18.13	17.96	18.44	18.39	17.85	209.72
1952	Wet	14.80	13.73	12.80	19.38	22.92	26.97	21.11	19.73	18.35	20.07	20.00	19.43	229.29
1953	Wet	16.40	15.23	14.32	21.21	24.31	20.48	17.69	17.83	17.79	20.95	19.42	16.34	221.97
1954	Above Normal	12.00	11.05	7.43	5.18	13.86	11.68	19.10	19.52	18.68	22.38	20.55	16.83	178.26
1955	Dry	12.19	11.17	6.93	2.63	3.63	9.73	17.93	18.01	17.17	20.50	18.89	15.45	154.23
1956	Wet	10.95	9.99	6.09	9.39	25.23	26.97	16.40	20.32	20.13	20.68	20.61	20.03	206.79
1957	Above Normal	16.97	15.79	14.87	13.69	12.47	15.58	19.75	20.19	20.46	25.77	23.92	19.74	219.20
1958	Wet	14.92	13.78	9.17	1.98	17.01	19.62	25.12	25.02	24.75	25.42	25.39	24.65	226.83
1959	Below Normal	21.64	14.75	28.15	11.16	9.90	11.83	17.31	17.15	0.96	23.35	21.42	17.54	195.16
1960	Dry	12.86	11.78	7.46	2.97	2.76	7.19	21.06	21.20	20.48	25.18	23.39	21.51	177.84
1961	Dry	16.90	15.60	11.27	4.21	4.41	6.42	17.83	17.77	17.05	20.29	18.64	16.57	166.96
1962	Below Normal	0.29	22.77	6.67	3.01	2.83	9.54	18.78	19.01	1.92	27.05	24.94	20.60	157.41
1963	Wet	15.71	14.53	9.80	11.19	15.26	16.88	17.15	16.80	16.75	18.03	17.56	16.29	185.95
1964	Dry	12.89	11.91	10.14	9.44	22.39	17.78	18.20	17.87	16.68	17.96	17.48	16.19	188.93
1965	Wet	12.83	11.78	10.10	12.16	20.74	20.26	17.60	17.30	17.26	19.95	19.32	17.70	197.00
1966	Below Normal	14.22	13.17	11.14	16.39	19.16	16.53	17.84	17.68	17.45	20.10	18.87	16.15	198.70
1967	Wet	12.04	11.08	7.88	4.09	20.43	21.70	24.78	24.81	23.37	25.27	25.20	24.47	225.12
1968	Below Normal	21.43	19.07	21.80	10.40	11.43	12.41	17.72	17.67	1.73	24.82	22.83	18.84	200.15
1969	Wet	14.09	12.99	8.55	9.32	24.36	26.97	19.95	24.00	22.57	24.42	24.35	23.66	235.23
1970	Wet	20.59	19.24	18.36	21.31	22.22	26.97	19.86	17.72	17.56	18.06	17.96	17.42	237.27
1971	Wet	14.38	13.32	12.40	19.27	22.39	20.54	17.76	17.61	17.28	19.80	18.62	16.10	209.47
1972	Below Normal	12.08	11.13	8.13	6.78	16.39	16.60	18.55	18.54	17.71	20.77	19.26	16.11	182.05
1973	Above Normal	11.78	10.79	7.13	2.40	20.33	20.86	14.63	19.01	18.80	19.25	19.18	18.61	182.77
1974	Wet	15.58	14.45	13.55	20.09	24.36	26.97	24.61	19.20	19.07	19.56	19.48	18.92	235.84
1975	Wet	15.87	14.72	13.79	16.40	14.39	22.39	19.05	18.72	18.52	18.98	18.92	18.37	210.12
1976	Critical	15.32	14.23	13.32	11.54	10.92	12.24	19.55	19.76	18.98	23.47	21.53	19.45	200.31
1977	Critical	14.62	13.39	8.67	2.94	2.83	4.93	7.15	2.09	0.00	1.89	0.95	0.77	60.23
1978	Above Normal	0.32	11.26	9.37	2.87	3.65	16.84	19.61	19.46	19.58	21.62	20.71	18.63	163.92
1979	Below Normal	14.93	13.82	11.36	9.29	7.59	21.03	18.90	18.61	18.44	18.89	18.82	18.27	189.95
1980	Above Normal	15.25	14.15	13.27	14.31	25.23	26.97	16.73	21.24	21.01	21.66	21.58	20.96	232.36
1981	Dry	17.94	16.68	15.79	13.55	16.97	16.00	19.60	20.07	20.34	24.59	22.73	18.94	223.20
1982	Wet	14.29	13.21	9.00	10.26	16.22	19.64	24.60	24.47	24.23	24.88	24.79	24.08	229.67
1983	Wet	21.05	18.48	17.59	22.90	24.36	26.97	25.07	20.31	19.77	22.74	23.91	23.25	266.40
1984	Wet	21.82	20.46	26.97	20.49	23.01	26.97	13.44	18.06	17.83	18.41	18.33	17.80	243.59
1985	Dry	14.72	13.67	21.98	10.48	17.71	15.91	17.79	17.79	17.16	17.62	17.53	16.99	199.35
1986	Wet	13.96	12.91	11.96	10.11	9.59	26.97	23.89	24.99	24.77	25.39	25.38	24.66	234.58
1987	Dry	21.71	8.56	28.15	9.18	7.21	6.39	8.71	8.14	7.49	8.86	6.79	5.00	126.19
1988	Critical	0.35	0.26	0.10	0.35	3.71	5.05	7.26	6.85	6.05	7.30	5.57	4.12	46.97
1989	Dry	0.34	0.24	0.10	0.07	3.78	6.11	20.82	20.58	19.47	21.44	20.59	19.25	132.79
1990	Critical	15.57	14.41	12.01	6.81	6.44	7.02	9.62	9.14	8.61	10.31	7.79	5.72	113.45
1991	Critical	0.71	0.27	0.08	0.98	2.84	4.93	7.37	6.74	5.95	7.16	5.46	4.06	46.55
1992	Critical	0.34	0.24	0.11	0.07	1.64	5.01	8.89	8.38	7.71	9.19	7.01	5.23	53.82
1993	Above Normal	0.42	0.26	0.10	2.34	15.32	17.58	18.26	18.11	12.43	22.57	21.50	19.08	147.97
1994	Critical	15.21	14.09	11.29	8.08	7.02	11.64	19.57	19.68	18.92	24.05	4.45	23.21	177.21
1995	Wet	0.29	25.82	18.74	2.97	11.67	12.79	23.22	23.00	22.76	23.38	23.88	23.19	211.71
1996	Wet	20.18	1.35	1.15	8.41	8.45	17.50	18.25	17.78	17.59	18.10	18.03	17.48	164.27
1997	Wet	14.45	13.41	12.33	17.58	22.11	26.97	20.58	20.62	20.36	20.93	20.89	20.30	230.53
1998	Wet	17.24	16.05	15.13	13.63	23.54	26.21	19.91	18.94	17.54	18.16	19.30	18.72	224.37
1999	Wet	15.66	20.16	16.60	20.02	24.36	23.90	13.52	17.94	17.73	18.33	18.29	17.74	224.25
2000	Above Normal	14.68	13.62	12.68	12.70	19.02	16.96	18.98	18.82	18.76	21.01	20.08	17.90	205.21
2001	Dry	14.07	13.05	10.44	7.11	5.84	7.46	12.06	11.90	11.50	13.83	10.67	7.90	125.83
2002	Dry	2.30	1.39	0.08	1.20	3.65	9.48	20.15	19.78	18.35	18.98	18.95	20.21	134.52
2003	Above Normal	9.79	11.90	13.34	1.71	4.24	9.81	17.50	17.48	1.05	24.09	22.18	18.19	151.28
	Average	12.88	12.00	10.83	8.95	12.86	15.79	17.29	17.79	15.91	19.71	18.44	16.84	179.28
	Wet	15.10	14.49	12.36	13.16	19.54	22.81	20.32	20.32	19.89	21.09	20.97	20.06	220.10
	Above Normal	12.40	12.23	11.90	7.82	13.84	16.94	18.08	19.22	17.23	21.77	20.88	18.71	191.00
	Below Normal	13.78	13.86	11.42	9.57	11.77	15.92	17.50	18.69	12.69	22.23	21.11	18.63	187.16
	Dry	11.75	9.24	10.44	5.97	7.58	10.66	16.68	17.36	15.89	19.50	17.81	15.98	158.85
	Critical	9.19	8.35	6.37	4.70	6.60	7.00	10.60	10.50	9.74	12.01	8.33	7.19	100.58

Difference in Energy Use (GWh) At Pumping Plant at Oso: Alternative1_2020 minus CONV_NA

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	1.19	1.18	1.18	1.18	0.39
1923	Below Normal	1.18	1.18	1.18	0.09	(0.02)	(0.11)	0.01	0.01	1.20	1.22	1.21	1.19	0.70
1924	Critical	1.18	1.18	1.16	1.14	(0.04)	(0.01)	0.01	0.00	0.00	0.00	0.00	0.01	0.39
1925	Dry	0.00	0.00	0.00	0.00	(0.01)	(0.18)	0.01	0.01	0.25	0.26	0.26	0.26	0.07
1926	Dry	0.26	0.25	0.25	0.24	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.08
1927	Wet	(0.01)	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00	1.18	1.18	1.18	1.18	0.39
1928	Above Normal	1.19	1.18	1.19	1.18	(0.02)	0.00	0.00	0.00	0.49	0.49	0.49	0.50	0.56
1929	Critical	0.49	0.49	0.49	0.49	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.41)	0.13
1930	Dry	(0.02)	(0.11)	(0.05)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	(0.01)	0.00	0.77	0.00	0.00	1.18	1.18	1.18	1.18	0.46
1933	Critical	1.18	1.18	1.17	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00
1935	Below Normal	(0.02)	(0.02)	(0.02)	0.00	0.01	(0.04)	0.03	0.04	1.07	1.17	1.11	1.02	0.36
1936	Below Normal	0.97	0.96	0.86	0.86	(0.19)	(0.02)	0.00	0.00	1.18	1.18	1.18	1.19	0.68
1937	Below Normal	1.19	1.18	1.18	0.00	(0.38)	(8.60)	0.00	0.00	1.18	1.18	1.18	1.18	(0.06)
1938	Wet	1.18	1.18	0.00	(0.13)	0.00	0.00	0.70	0.14	0.14	1.34	1.34	1.34	0.60
1939	Dry	1.36	1.36	1.36	1.73	(1.37)	(2.38)	(2.76)	(2.98)	(5.45)	(2.17)	2.78	(3.69)	(1.02)
1940	Above Normal	2.58	0.60	1.09	1.10	0.01	0.00	0.00	0.00	1.03	1.02	1.02	1.03	0.79
1941	Wet	1.03	1.02	0.53	0.00	0.00	(0.06)	(0.06)	(0.07)	1.12	1.11	1.11	1.11	0.57
1942	Wet	1.12	1.11	0.48	(0.02)	(0.02)	(0.06)	0.00	0.00	1.18	1.18	1.18	1.18	0.61
1943	Wet	1.18	1.18	1.18	0.00	(0.15)	(0.15)	(0.11)	(0.11)	1.07	1.07	1.07	1.07	0.61
1944	Dry	1.07	1.18	1.18	0.69	(0.43)	(0.14)	0.00	0.00	0.54	0.54	0.54	0.54	0.48
1945	Below Normal	0.54	0.54	0.54	0.54	0.00	(3.17)	0.03	0.02	1.21	1.20	1.21	1.20	0.32
1946	Below Normal	1.20	1.20	1.21	1.17	0.00	0.68	0.03	0.05	1.17	1.28	1.22	1.11	0.86
1947	Dry	1.06	1.07	0.95	0.80	0.48	(0.75)	0.06	0.06	0.27	0.28	0.28	0.27	0.40
1948	Below Normal	0.27	0.27	0.27	0.24	(0.09)	(0.03)	0.01	(0.64)	0.00	0.02	0.00	(0.01)	0.03
1949	Dry	0.00	0.01	0.01	(0.02)	(0.01)	(0.02)	0.02	0.03	0.03	0.10	0.06	(0.03)	0.02
1950	Below Normal	(0.07)	(0.09)	(19.31)	0.00	0.00	0.00	0.00	0.00	0.11	0.11	0.11	0.11	(1.59)
1951	Above Normal	0.11	0.11	0.00	(6.18)	(2.23)	0.00	0.02	0.01	1.19	1.19	1.20	1.19	(0.28)
1952	Wet	1.20	1.20	1.20	1.18	(2.31)	0.00	(0.09)	(3.21)	(3.09)	(2.07)	(2.07)	(1.99)	(0.84)
1953	Wet	(1.99)	(1.84)	(1.86)	1.30	6.95	6.13	0.54	0.31	5.23	(1.54)	(1.21)	(0.56)	0.96
1954	Above Normal	(0.27)	(0.13)	0.48	1.31	3.94	0.81	(0.09)	(0.03)	(0.03)	(0.35)	(0.55)	(0.45)	0.39
1955	Dry	(0.41)	(0.38)	(0.30)	(0.27)	0.07	0.19	0.36	0.40	0.41	0.49	0.45	0.36	0.11
1956	Wet	0.33	0.31	0.24	(5.57)	0.00	0.00	0.05	0.05	1.22	1.23	1.23	1.22	0.03
1957	Above Normal	1.23	1.22	1.22	1.19	(0.03)	(0.23)	0.00	(0.01)	0.94	1.00	1.01	0.99	0.71
1958	Wet	0.99	0.99	0.98	0.94	(0.01)	(0.02)	(0.01)	(0.02)	1.17	1.17	1.17	1.16	0.71
1959	Below Normal	1.16	(0.60)	1.18	1.19	0.01	0.00	0.00	0.00	0.09	0.09	0.08	0.08	0.27
1960	Dry	0.08	0.08	0.09	0.09	0.00	(0.02)	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	0.02
1961	Dry	(0.03)	(0.02)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1962	Below Normal	0.00	(0.32)	(18.48)	0.00	0.00	0.00	0.00	0.00	1.08	1.08	1.08	1.08	(1.21)
1963	Wet	1.09	1.08	1.08	1.08	0.00	0.00	0.00	0.00	1.18	1.18	1.18	1.18	0.75
1964	Dry	1.19	1.18	1.18	1.19	0.00	0.01	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.39
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	1.18	1.20	1.20	1.19	0.40
1966	Below Normal	1.19	1.19	1.18	1.17	(0.01)	0.00	0.00	0.00	0.72	0.72	0.72	0.72	0.63
1967	Wet	0.72	0.72	0.73	0.73	0.00	0.01	0.00	0.00	0.00	1.18	1.18	1.18	0.54
1968	Below Normal	1.18	0.23	3.86	0.19	(1.14)	(0.30)	0.06	0.07	0.83	0.94	0.93	0.92	0.65
1969	Wet	0.91	0.90	0.89	(0.04)	0.00	0.00	(1.38)	1.42	0.03	1.20	1.20	1.21	0.53
1970	Wet	1.20	1.20	1.20	(0.20)	(2.14)	0.00	1.99	(0.12)	1.06	1.06	1.06	1.06	0.61
1971	Wet	1.06	1.07	1.07	1.15	(0.54)	0.46	(0.06)	(0.09)	0.51	0.42	0.47	0.57	0.51
1972	Below Normal	0.62	0.62	0.72	0.98	0.10	0.10	0.00	(0.01)	(0.01)	(0.03)	(0.02)	0.00	0.26
1973	Above Normal	0.02	0.01	0.03	0.06	0.00	0.00	0.00	0.00	1.13	1.13	1.13	1.13	0.39
1974	Wet	1.13	1.13	1.13	1.13	0.00	0.00	(0.50)	(0.06)	1.13	1.13	1.13	1.12	0.71
1975	Wet	1.13	1.13	1.13	1.26	0.04	(0.02)	(0.02)	(0.03)	1.11	1.10	1.11	1.11	0.75
1976	Critical	1.11	1.11	1.11	1.11	0.01	0.02	0.04	0.04	0.04	0.03	0.04	0.03	0.39
1977	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
1978	Above Normal	0.00	(0.44)	(7.19)	0.00	0.00	(1.02)	0.24	0.42	1.75	2.51	2.10	1.36	(0.02)
1979	Below Normal	1.00	1.00	0.23	(0.08)	(1.32)	(1.31)	(0.71)	(0.75)	0.43	0.41	0.41	0.43	(0.02)
1980	Above Normal	0.44	0.48	0.47	(7.44)	0.00	0.00	(3.92)	(3.45)	(2.25)	(2.32)	(2.32)	(2.24)	(1.88)
1981	Dry	(2.23)	(2.07)	(6.03)	3.31	6.62	4.73	1.57	1.56	19.39	(0.60)	(0.40)	0.02	2.16
1982	Wet	0.23	0.29	0.67	1.50	0.47	(0.01)	(0.01)	(0.01)	1.18	1.17	1.17	1.17	0.65
1983	Wet	1.17	(0.01)	0.00	0.00	2.50	0.00	4.20	(1.84)	(2.37)	0.00	1.18	1.18	0.50
1984	Wet	0.00	0.00	0.00	0.00	(2.22)	0.00	0.00	0.00	1.18	1.18	1.18	1.18	0.21
1985	Dry	1.18	1.18	1.18	1.18	0.00	0.00	0.00	0.00	0.65	0.65	0.65	0.65	0.61
1986	Wet	0.65	0.65	0.65	0.65	(6.67)	0.00	3.05	0.05	1.24	1.24	1.25	1.26	0.34
1987	Dry	1.28	(5.78)	1.18	1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.18)
1988	Critical	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.06	0.07	0.08	0.06	0.04	0.03
1989	Dry	0.01	0.00	0.00	0.00	0.02	(0.02)	0.03	0.04	0.05	0.13	0.08	0.36	0.06
1990	Critical	0.31	0.30	0.19	(0.12)	(0.08)	(0.01)	0.06	0.06	0.07	0.07	0.05	0.04	0.08
1991	Critical	0.03	0.00	0.00	0.03	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	(0.10)	(0.12)	(0.12)	(0.15)	(0.11)	(0.09)	(0.06)
1993	Above Normal	(0.05)	(0.02)	0.00	(0.34)	0.03	0.05	(0.01)	(0.02)	1.01	0.93	0.95	0.98	0.29
1994	Critical	1.05	1.09	1.17	1.27	0.06	0.02	(0.02)	(0.02)	(0.02)	(0.12)	(1.66)	(0.25)	0.21
1995	Wet	0.00	(0.29)	(8.23)	0.00	0.00	0.00	0.00	0.00	1.18	1.18	1.70	1.69	(0.23)
1996	Wet	1.70	(15.82)	(24.78)	1.19	(0.01)	0.00	(0.05)	(0.05)	1.13	1.13	1.12	1.13	(2.78)
1997	Wet	1.13	1.13	0.95	(0.02)	(2.07)	0.00	(0.01)	0.00	1.17	1.18	1.18	1.18	0.48
1998	Wet	1.18	1.18	1.18	1.17	0.00	(0.01)	(0.01)	(0.10)	(0.10)	(0.10)	1.08	1.09	0.55
1999	Wet	1.08	1.09	(0.72)	1.14	0.00	0.00	0.00	0.00	1.18	1.18	1.18	1.18	0.61
2000	Above Normal	1.18	1.18	1.18	1.18	0.01	(0.17)	0.03	0.06	1.09	1.17	1.13	1.05	0.76
2001	Dry	1.00	1.01	0.91	0.87	(0.13)	(0.04)	0.03	0.03	0.02	0.02	0.03	0.03	0.32
2002	Dry	0.04	0.04	0.00	0.03	0.00	0.00	(0.02)	(0.02)	(0.02)	(0.03)	(0.02)	0.03	0.00
2003	Above Normal	1.24	(1.49)	(13.63)	0.00	0.00	0.00	0.00	0.00	0.32	0.33	0.33	0.33	(1.05)
	Average	0.59	0.18	(0.65)	0.28	(0.03)	(0.06)	0.04	(0.11)	0.69	0.50	0.57	0.51	0.21
	Wet	0.75	0.02	(0.78)	0.32	(0.24)	0.24	0.32	(0.14)	0.82	0.82	0.95	0.98	0.34
	Above Normal	0.64	0.23	(1.26)	(0.66)	0.14	(0.05)	(0.31)	(0.25)	0.66	0.69	0.64	0.59	0.09
	Below Normal	0.74	0.52	(1.81)	0.45	(0.22)	(0.91)	(0.04)	(0.09)	0.73	0.76	0.74	0.73	0.13
	Dry	0.32	(0.06)	0.11	0.61	0.29	0.12	(0.04)	(0.05)	0.96	0.05	0.33	(0.00)	0.22
	Critical	0.45	0.45	0.44	0.42	(0.00)	0.00	(0.00)	0.00	0.00	(0.01)	(0.14)	(0.05)	0.13

Percent Difference in Energy Use (GWh) At Pumping Plant at Oso: Alternative1_2020 minus CONV_NA

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%	7%	7%	7%	7%
1923	Below Normal	9%	10%	11%	1%	0%	-1%	0%	0%	7%	6%	7%	8%
1924	Critical	11%	11%	17%	24%	-1%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	1%	1%	1%	1%
1926	Dry	2%	2%	3%	8%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	7%	7%	7%	7%
1928	Above Normal	9%	9%	10%	12%	0%	0%	0%	0%	3%	2%	2%	3%
1929	Critical	3%	3%	3%	5%	0%	0%	0%	0%	0%	0%	0%	-27%
1930	Dry	-1%	-4%	-4%	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%	3%	0%	0%	8%	7%	7%	9%
1933	Critical	14%	16%	28%	40%	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%	-1%	0%	0%	0%	0%	0%	6%	6%	6%	6%
1936	Below Normal	7%	7%	7%	12%	-2%	0%	0%	0%	6%	6%	6%	6%
1937	Below Normal	8%	8%	9%	0%	-2%	-32%	0%	0%	5%	5%	5%	5%
1938	Wet	6%	6%	0%	-1%	0%	0%	3%	1%	1%	6%	6%	6%
1939	Dry	7%	7%	8%	13%	-9%	-17%	-14%	-15%	-74%	-8%	16%	-14%
1940	Above Normal	29%	8%	4%	38%	0%	0%	0%	0%	5%	4%	4%	5%
1941	Wet	7%	8%	6%	0%	0%	0%	0%	0%	6%	6%	6%	6%
1942	Wet	7%	8%	4%	0%	0%	0%	0%	0%	7%	6%	7%	8%
1943	Wet	10%	11%	15%	0%	-1%	-1%	0%	0%	5%	5%	5%	5%
1944	Dry	6%	694%	4%	9%	-6%	-2%	0%	0%	4%	3%	4%	5%
1945	Below Normal	10%	12%	26%	11%	0%	-12%	0%	0%	7%	6%	6%	7%
1946	Below Normal	8%	9%	9%	6%	0%	3%	0%	0%	8%	8%	8%	7%
1947	Dry	9%	10%	10%	9%	5%	-7%	0%	0%	1%	1%	1%	1%
1948	Below Normal	2%	2%	2%	3%	-1%	0%	0%	-4%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	-1%	-99%	0%	0%	0%	0%	0%	14%	0%	0%	1%
1951	Above Normal	1%	1%	0%	-23%	-9%	0%	0%	0%	7%	7%	7%	7%
1952	Wet	9%	10%	10%	6%	-9%	0%	0%	-14%	-14%	-9%	-9%	-9%
1953	Wet	-11%	-11%	-11%	7%	40%	43%	3%	2%	42%	-7%	-6%	-3%
1954	Above Normal	-2%	-1%	7%	34%	40%	7%	0%	0%	0%	-2%	-3%	-3%
1955	Dry	-3%	-3%	-4%	-9%	2%	2%	2%	2%	2%	2%	2%	2%
1956	Wet	3%	3%	4%	-37%	0%	0%	0%	0%	6%	6%	6%	6%
1957	Above Normal	8%	8%	9%	10%	0%	-1%	0%	0%	5%	4%	4%	5%
1958	Wet	7%	8%	12%	90%	0%	0%	0%	0%	5%	5%	5%	5%
1959	Below Normal	6%	-4%	4%	12%	0%	0%	0%	0%	10%	0%	0%	0%
1960	Dry	1%	1%	1%	3%	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%	-1%	-73%	0%	0%	0%	0%	0%	129%	4%	5%	6%
1963	Wet	7%	8%	12%	11%	0%	0%	0%	0%	8%	7%	7%	8%
1964	Dry	10%	11%	13%	14%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	7%	6%	7%	7%
1966	Below Normal	9%	10%	12%	8%	0%	0%	0%	0%	4%	4%	4%	5%
1967	Wet	6%	7%	10%	22%	0%	0%	0%	0%	0%	5%	5%	5%
1968	Below Normal	6%	1%	22%	2%	-9%	-2%	0%	0%	92%	4%	4%	5%
1969	Wet	7%	7%	12%	0%	0%	0%	-6%	6%	0%	5%	5%	5%
1970	Wet	6%	7%	7%	-1%	-9%	0%	11%	-1%	6%	6%	6%	6%
1971	Wet	8%	9%	9%	6%	-2%	2%	0%	-1%	3%	2%	3%	4%
1972	Below Normal	5%	6%	10%	17%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	3%	0%	0%	0%	0%	6%	6%	6%	6%
1974	Wet	8%	8%	9%	6%	0%	0%	-2%	0%	6%	6%	6%	6%
1975	Wet	8%	8%	9%	8%	0%	0%	0%	0%	6%	6%	6%	6%
1976	Critical	8%	8%	9%	11%	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%	-4%	-43%	0%	0%	-6%	1%	2%	10%	13%	11%	8%
1979	Below Normal	7%	8%	2%	-1%	-15%	-6%	-4%	-4%	2%	2%	2%	2%
1980	Above Normal	3%	4%	4%	-34%	0%	0%	-19%	-14%	-10%	-10%	-10%	-10%
1981	Dry	-11%	-11%	-28%	32%	64%	42%	9%	8%	>1,000%	-2%	-2%	0%
1982	Wet	2%	2%	8%	17%	3%	0%	0%	0%	5%	5%	5%	5%
1983	Wet	6%	0%	0%	0%	11%	0%	20%	-8%	-11%	0%	5%	5%
1984	Wet	0%	0%	0%	0%	-9%	0%	0%	0%	7%	7%	7%	7%
1985	Dry	9%	9%	6%	13%	0%	0%	0%	0%	4%	4%	4%	4%
1986	Wet	5%	5%	6%	7%	-41%	0%	15%	0%	5%	5%	5%	5%
1987	Dry	6%	-40%	4%	15%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	-3%	0%	0%	0%	1%	1%	1%	1%	1%
1989	Dry	3%	0%	0%	0%	1%	0%	0%	0%	0%	1%	0%	2%
1990	Critical	2%	2%	2%	-2%	-1%	0%	1%	1%	1%	1%	1%	1%
1991	Critical	4%	0%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	-2%	-2%	-2%
1993	Above Normal	-11%	-7%	0%	-13%	0%	0%	0%	0%	9%	4%	5%	5%
1994	Critical	7%	8%	12%	19%	1%	0%	0%	0%	0%	0%	-27%	-1%
1995	Wet	0%	-1%	-31%	0%	0%	0%	0%	0%	5%	5%	8%	8%
1996	Wet	9%	-92%	-96%	16%	0%	0%	0%	0%	7%	7%	7%	7%
1997	Wet	8%	9%	8%	0%	-9%	0%	0%	0%	6%	6%	6%	6%
1998	Wet	7%	8%	8%	9%	0%	0%	0%	-1%	-1%	-1%	6%	6%
1999	Wet	7%	6%	-4%	6%	0%	0%	0%	0%	7%	7%	7%	7%
2000	Above Normal	9%	9%	10%	10%	0%	-1%	0%	0%	6%	6%	6%	6%
2001	Dry	8%	8%	10%	14%	-2%	-1%	0%	0%	0%	0%	0%	0%
2002	Dry	2%	3%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	15%	-11%	-51%	0%	0%	0%	0%	0%	44%	1%	2%	2%
	Average	4%	10%	0%	6%	0%	0%	0%	0%	6%	3%	3%	3%
	Wet	5%	1%	0%	7%	-1%	2%	2%	-1%	5%	4%	5%	5%
	Above Normal	5%	1%	-4%	3%	3%	0%	-1%	-1%	8%	4%	4%	4%
	Below Normal	5%	5%	-4%	5%	-2%	-4%	0%	0%	21%	4%	4%	4%
	Dry	3%	38%	1%	7%	3%	1%	0%	0%	-3%	1%	2%	1%
	Critical	4%	4%	6%	8%	0%	0%	0%	0%	0%	0%	-2%	-2%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	90.99	83.96	75.54	20.02	56.56	60.87	56.41	59.32	58.22	59.82	60.81	58.69	741.21
1923	Below Normal	55.65	52.83	52.80	90.68	82.18	61.47	44.35	56.13	56.00	55.12	61.18	57.84	726.23
1924	Critical	48.21	44.47	40.30	15.83	18.09	17.82	28.48	38.71	39.88	34.84	34.85	33.43	394.91
1925	Dry	21.90	17.50	15.45	4.33	8.59	24.89	50.48	64.93	65.50	63.15	72.56	67.87	477.15
1926	Dry	54.74	50.58	44.51	4.80	11.13	22.44	39.45	53.23	53.87	51.86	59.69	55.73	502.03
1927	Wet	44.91	41.32	36.47	8.93	37.97	68.76	61.41	64.13	62.54	64.84	65.14	63.06	619.48
1928	Above Normal	61.23	58.50	59.02	48.96	57.09	33.89	70.76	73.31	71.11	73.81	74.32	71.96	753.96
1929	Critical	70.01	67.28	67.70	51.20	48.27	24.25	26.33	42.91	44.00	38.51	38.71	1.50	520.67
1930	Dry	23.19	32.32	31.56	4.20	10.60	15.46	41.78	54.52	55.97	50.82	54.21	51.61	426.24
1931	Critical	37.13	31.97	28.24	4.29	10.30	17.02	35.69	47.62	48.78	42.65	42.82	41.05	387.56
1932	Dry	27.19	21.91	19.20	5.71	15.62	24.57	38.06	49.63	50.31	48.22	54.60	51.22	406.24
1933	Critical	40.35	36.84	32.58	4.52	43.44	20.24	39.14	53.38	54.60	50.17	53.98	51.25	480.49
1934	Critical	37.49	32.44	28.69	4.46	9.31	17.96	41.22	55.08	56.45	49.34	17.48	1.51	351.43
1935	Below Normal	57.80	48.38	39.39	4.37	14.54	22.76	63.45	69.55	68.79	69.46	72.79	69.49	600.77
1936	Below Normal	63.43	60.08	58.57	35.84	39.75	90.99	66.06	71.57	69.60	72.19	72.63	70.32	771.03
1937	Below Normal	68.31	65.48	65.93	53.48	81.23	69.41	82.27	87.05	84.38	87.59	88.23	85.47	918.83
1938	Wet	83.34	80.21	80.55	60.06	76.32	90.99	86.43	89.22	87.03	89.94	90.39	87.70	1,002.18
1939	Dry	85.50	81.93	82.49	63.90	66.70	45.25	51.96	65.10	1.73	67.85	1.97	64.62	679.00
1940	Above Normal	0.32	0.17	59.38	4.58	8.84	28.78	50.89	65.44	35.31	60.61	77.00	72.24	463.56
1941	Wet	58.01	53.52	46.94	29.70	60.10	66.29	68.24	70.80	68.96	71.54	71.80	69.54	735.44
1942	Wet	67.63	64.66	65.26	90.68	79.06	81.76	49.27	56.36	56.08	56.00	60.09	57.12	783.97
1943	Wet	50.05	46.64	44.03	69.09	77.84	66.48	75.82	78.44	76.26	79.16	79.48	77.14	820.43
1944	Dry	75.12	0.17	84.64	35.14	34.05	26.82	41.67	54.19	55.05	50.98	55.40	52.63	565.86
1945	Below Normal	38.91	34.07	30.12	8.18	14.50	90.99	65.64	69.30	67.52	70.02	70.40	68.21	627.86
1946	Below Normal	66.23	63.38	63.83	90.68	76.75	90.96	50.63	54.82	53.85	55.33	56.36	54.31	777.13
1947	Dry	51.21	48.47	48.32	43.82	45.50	30.50	70.48	72.95	70.77	73.40	73.87	71.61	700.90
1948	Below Normal	69.67	66.90	67.31	45.71	43.44	23.49	35.42	1.31	1.66	70.60	79.61	74.61	579.73
1949	Dry	59.52	55.23	48.89	7.64	13.55	20.68	56.97	68.44	68.70	67.10	17.06	81.38	565.16
1950	Below Normal	62.85	9.07	16.28	7.20	9.52	17.67	46.80	58.37	1.60	67.71	76.13	71.38	444.58
1951	Above Normal	56.84	52.60	46.47	75.11	76.59	90.99	56.26	62.07	60.77	62.82	62.99	61.05	764.56
1952	Wet	59.23	56.42	57.09	90.68	79.32	90.99	69.68	81.07	78.77	81.78	82.13	79.67	906.83
1953	Wet	77.73	74.27	74.88	90.68	75.18	43.86	42.15	54.39	1.42	60.26	67.71	63.61	726.14
1954	Above Normal	50.47	46.41	40.87	8.68	41.28	31.36	48.54	61.76	54.90	56.17	70.04	65.75	576.23
1955	Dry	52.74	48.56	42.58	8.93	17.46	25.84	43.91	55.13	55.57	53.76	61.41	57.49	523.38
1956	Wet	46.04	42.34	37.34	53.46	78.76	90.99	66.68	70.43	68.88	71.22	71.41	69.28	766.83
1957	Above Normal	67.33	64.26	64.93	61.65	58.61	51.94	50.46	64.31	23.20	64.38	77.26	72.58	720.91
1958	Wet	57.87	53.58	46.99	10.20	67.82	67.64	86.38	89.67	87.19	90.32	90.87	88.06	836.59
1959	Below Normal	86.04	0.17	84.64	38.81	41.41	34.13	43.15	53.56	1.79	62.36	69.87	65.51	581.44
1960	Dry	52.02	47.93	42.38	4.52	7.22	20.39	57.78	69.68	36.86	71.70	45.26	80.97	536.71
1961	Dry	67.10	62.36	56.49	13.93	17.50	17.61	45.02	56.05	56.86	54.74	38.72	13.28	499.66
1962	Below Normal	0.36	29.12	38.58	4.75	7.99	26.41	47.84	60.39	1.69	70.14	79.02	74.12	440.41
1963	Wet	59.06	54.65	48.25	56.12	58.95	55.64	49.42	55.76	54.94	55.91	57.98	55.68	662.36
1964	Dry	51.19	48.14	47.10	44.81	85.12	58.71	55.83	60.08	59.23	60.33	62.36	59.79	692.69
1965	Wet	55.49	52.30	51.42	65.61	82.18	69.62	52.54	57.51	16.48	62.19	64.82	62.06	692.22
1966	Below Normal	56.36	52.91	51.26	82.87	79.86	54.35	45.76	56.44	56.45	55.41	61.31	57.90	710.88
1967	Wet	48.62	44.90	40.93	20.74	82.18	75.84	85.09	88.66	86.26	89.39	89.91	87.21	839.73
1968	Below Normal	85.03	81.41	81.97	43.21	52.47	37.27	43.94	54.91	1.87	63.83	71.28	66.99	684.18
1969	Wet	53.01	48.87	43.16	51.60	76.22	90.99	80.76	85.10	82.90	85.79	86.21	83.65	868.26
1970	Wet	81.46	77.99	78.60	88.90	76.69	90.99	57.72	60.97	59.74	61.71	61.89	59.92	856.58
1971	Wet	58.16	55.34	56.01	90.68	80.85	67.70	45.81	56.76	56.79	55.95	61.54	58.20	743.79
1972	Below Normal	49.17	45.53	41.77	34.17	65.79	54.02	48.39	59.04	59.38	57.74	64.82	61.01	640.83
1973	Above Normal	50.16	46.32	41.53	16.94	69.48	68.62	60.24	65.81	64.41	66.43	66.70	64.59	681.23
1974	Wet	62.74	59.83	60.43	90.68	75.99	90.99	82.28	66.38	65.10	67.13	67.35	65.34	854.24
1975	Wet	63.49	60.41	61.08	80.34	65.68	81.01	62.85	65.12	63.62	65.75	66.07	64.07	799.49
1976	Critical	62.12	59.37	59.92	50.30	52.52	37.71	49.68	62.50	43.88	62.75	31.39	75.35	647.49
1977	Critical	59.72	55.01	35.25	4.68	7.44	10.09	20.07	1.33	0.00	1.91	3.73	1.65	200.88
1978	Above Normal	0.47	10.77	37.80	4.10	17.99	60.79	58.45	65.50	64.47	65.62	67.91	65.08	518.95
1979	Below Normal	60.70	57.36	56.49	42.65	43.83	80.42	65.36	68.10	66.41	68.66	69.05	66.96	745.99
1980	Above Normal	64.98	62.13	62.59	53.12	78.67	90.99	83.66	88.10	85.74	88.90	89.34	86.67	934.89
1981	Dry	84.61	58.13	84.64	42.34	41.83	32.17	45.41	58.38	2.04	67.72	76.14	71.46	664.87
1982	Wet	56.74	52.44	46.31	48.02	61.40	67.07	84.18	87.26	85.01	87.88	88.32	85.64	850.27
1983	Wet	83.59	80.01	80.60	84.64	82.18	90.99	78.82	83.18	81.12	83.93	84.32	81.83	995.21
1984	Wet	85.44	76.96	84.64	90.68	79.54	90.99	55.38	61.75	60.28	62.55	62.71	60.80	871.72
1985	Dry	58.87	56.15	57.02	90.68	56.91	64.01	57.42	60.99	59.90	61.83	61.97	59.95	745.70
1986	Wet	58.24	55.51	56.16	52.01	55.04	90.99	86.82	90.22	87.39	90.86	90.99	88.06	902.29
1987	Dry	86.61	0.17	84.64	35.47	34.43	18.81	27.33	35.93	37.02	32.35	32.52	31.18	456.46
1988	Critical	20.65	16.42	14.51	4.38	12.21	10.15	20.61	28.10	28.99	25.63	25.45	24.33	231.43
1989	Dry	15.73	12.26	11.00	6.21	12.97	15.29	63.37	70.40	69.53	70.17	67.37	71.42	485.72
1990	Critical	64.74	61.16	59.28	33.70	33.53	22.80	31.30	41.42	42.66	37.30	37.43	35.93	501.25
1991	Critical	23.81	19.06	16.76	4.26	7.50	10.17	21.35	27.94	28.89	25.52	25.44	24.42	235.12
1992	Critical	15.89	12.42	11.13	4.22	7.42	10.07	28.65	37.89	38.88	34.02	32.46	33.38	266.43
1993	Above Normal	13.94	11.69	24.38	4.44	60.79	58.94	52.32	59.80	1.66	66.89	71.98	68.40	495.23
1994	Critical	59.76	55.86	52.60	28.69	32.23	33.41	49.91	62.50	21.18	65.99	1.98	20.18	484.29
1995	Wet	0.34	2.31	63.98	4.74	47.86	39.65	79.31	82.23	79.86	82.91	83.46	80.90	647.55
1996	Wet	78.86	14.43	36.70	39.92	35.68	58.69	59.73	61.49	60.02	62.22	62.50	60.45	630.69
1997	Wet	58.64	56.03	56.61	90.68	76.98	90.99	69.60	71.93	70.10	72.61	72.87	70.68	857.72
1998	Wet	68.70	65.64	66.28	61.09	79.14	90.99	65.85	66.47	64.74	67.39	67.73	65.57	829.59
1999	Wet	63.57	62.20	61.36	90.68	76.61	62.41	55.71	61.41	59.97	62.40	62.61	60.60	779.53
2000	Above Normal	58.77	56.02	56.70	55.29	84.11	58.14	54.76	62.61	61.97	62.40	66.63	63.33	740.73
2001	Dry	56.04	52.62	50.19	29.00	29.46	23.75	41.20	55.17	56.51	50.01	51.19	49.16	544.30
2002	Dry	33.34	27.47	24.07	8.66	18.08	25.70	67.39	69.73	67.59	70.50	20.60	77.56	510.69
2003	Above Normal	0.28	0.17	50.38	13.51	21.00	26.84	43.49	54.53	1.34	63.60	71.09	66.73	412.96
	Average	53.83	46.42	50.89	39.32	47.79	50.42	54.65	61.39	52.03	62.61	61.12	61.22	641.68
	Wet	60.81	55.11	57.00	61.95	70.21	75.90	67.61	71.41	66.21	72.37	73.47	70.99	803.04
	Above Normal	42.98	41.08	51.63	30.53	52.58	55.18	57.19	65.21	48.59	65.95	71.34	68.09	650.37
	Below Normal	58.61	47.62	53.50	41.61	46.66	53.88	53.50	58.61	42.21	66.15	70.91	67.44	660.71
	Dry	53.15	40.11	48.62	25.23	29.26	28.49	49.75	59.70	51.28	59.25	50.38	59.39	554.60
	Critical	44.99	41.03	37.25	17.54	23.52	19.31	32.70	41.62	37.35	39.05	28.81	28.67	391.83

Energy Use (GWh) At Pumping Plant at Pearblossom: Alternative1_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	90.99	83.96	75.54	20.02	56.56	60.87	56.40	59.32	62.66	64.25	65.24	63.12	758.93
1923	Below Normal	60.08	57.26	57.22	91.03	82.18	61.04	44.32	56.16	60.47	59.56	65.67	62.31	757.30
1924	Critical	52.62	48.87	44.66	19.95	17.84	17.75	28.49	38.73	39.90	34.86	34.86	33.45	411.98
1925	Dry	21.90	17.50	15.45	4.33	8.58	24.88	50.51	64.97	66.46	64.11	73.53	68.84	481.06
1926	Dry	55.70	51.54	45.46	5.72	11.11	22.43	39.40	53.19	53.83	51.83	59.65	55.69	505.55
1927	Wet	44.88	41.29	36.45	8.93	37.93	68.76	61.41	64.13	66.98	69.28	69.58	67.49	637.11
1928	Above Normal	65.66	62.93	63.45	53.38	57.03	33.89	70.76	73.32	72.96	75.66	76.17	73.81	779.02
1929	Critical	71.85	69.12	69.55	53.04	48.27	24.24	26.31	42.89	43.98	38.49	38.69	2.51	528.94
1930	Dry	23.23	32.54	31.72	4.20	10.60	15.46	41.78	54.53	55.97	50.82	54.21	51.61	426.67
1931	Critical	37.13	31.97	28.23	4.29	10.29	17.02	35.68	47.60	48.76	42.63	42.80	41.03	387.43
1932	Dry	27.18	21.90	19.19	5.71	15.62	24.58	38.06	49.63	54.74	52.66	59.03	55.65	423.95
1933	Critical	44.78	41.27	36.96	8.92	41.61	20.24	39.14	53.38	54.60	50.17	53.98	51.25	496.30
1934	Critical	37.49	32.44	28.69	4.46	9.30	17.95	41.21	55.08	56.45	49.32	17.32	1.51	351.22
1935	Below Normal	57.74	48.39	39.37	4.37	14.47	22.69	63.10	69.53	72.61	73.13	76.72	73.34	615.46
1936	Below Normal	66.93	63.52	61.82	38.43	38.76	90.99	66.07	71.58	74.04	76.64	77.07	74.76	800.61
1937	Below Normal	72.76	69.93	70.38	53.48	82.18	90.99	82.27	87.05	88.82	92.02	92.67	89.90	972.45
1938	Wet	87.78	84.64	80.55	58.60	76.49	90.99	88.06	89.86	86.82	95.07	95.42	92.49	1,026.77
1939	Dry	90.71	87.13	87.68	74.19	66.96	40.31	44.14	55.00	5.84	68.00	10.40	61.12	691.48
1940	Above Normal	6.39	6.44	64.98	8.61	8.88	28.79	50.90	65.45	39.33	64.28	80.84	76.09	500.98
1941	Wet	61.85	57.36	48.90	29.68	60.10	66.01	67.99	70.53	73.14	75.71	75.96	73.71	760.94
1942	Wet	71.80	68.85	67.07	90.68	79.09	81.48	49.25	56.36	60.51	60.43	64.51	61.55	811.58
1943	Wet	54.47	51.06	48.45	69.06	77.17	65.90	75.41	78.02	80.27	83.16	83.48	81.15	847.60
1944	Dry	79.14	4.60	89.07	36.59	31.39	25.94	41.66	54.18	57.06	53.00	57.42	54.64	584.69
1945	Below Normal	40.92	36.09	32.14	10.21	14.50	87.84	65.74	69.41	72.06	74.56	74.94	72.75	651.16
1946	Below Normal	70.76	67.92	68.37	95.12	76.75	88.97	50.24	54.84	58.04	59.37	60.68	58.56	809.62
1947	Dry	55.06	52.27	51.87	46.65	44.43	30.45	70.68	73.16	71.80	74.42	74.90	72.64	718.33
1948	Below Normal	70.69	67.92	68.33	43.75	41.23	22.68	35.44	3.68	1.66	70.58	79.56	74.84	580.36
1949	Dry	59.61	55.27	48.53	7.61	13.50	20.65	56.69	68.38	68.68	66.99	16.04	81.82	563.77
1950	Below Normal	63.24	9.70	65.29	7.20	9.52	17.67	46.80	58.37	2.01	68.12	76.55	71.80	496.27
1951	Above Normal	57.25	53.02	46.47	90.68	82.18	90.99	56.33	62.13	65.26	67.32	67.49	65.54	804.66
1952	Wet	63.72	60.91	61.58	95.12	85.12	90.99	69.37	68.45	66.93	73.62	73.84	71.72	881.37
1953	Wet	69.93	66.83	67.48	95.12	77.58	74.05	43.71	56.13	59.51	58.24	65.06	61.55	795.19
1954	Above Normal	50.87	47.02	42.21	17.17	55.67	34.74	48.22	61.61	61.91	59.90	68.56	64.30	612.18
1955	Dry	51.69	47.58	41.69	8.99	18.01	26.56	44.98	56.51	56.95	55.09	62.93	58.92	529.90
1956	Wet	47.21	43.42	38.28	51.76	78.84	90.99	66.93	70.66	73.52	75.87	76.07	73.94	787.49
1957	Above Normal	71.97	68.91	69.57	66.16	58.68	50.91	50.45	64.28	25.15	67.85	80.95	76.27	751.15
1958	Wet	61.52	57.22	50.61	13.72	67.76	67.59	86.34	89.63	91.58	94.71	95.26	92.49	868.43
1959	Below Normal	90.42	7.37	89.07	43.31	41.40	34.15	43.15	53.56	2.11	62.68	70.19	65.83	603.24
1960	Dry	52.35	48.25	42.70	4.84	7.23	20.33	57.79	69.69	36.99	71.70	45.69	80.89	538.45
1961	Dry	67.04	62.31	56.46	13.97	17.54	17.63	45.02	56.06	56.87	54.75	38.67	13.30	499.62
1962	Below Normal	0.36	29.71	84.64	4.75	7.99	26.42	47.84	60.39	5.76	74.21	83.09	78.19	503.35
1963	Wet	63.13	58.72	52.32	60.19	58.95	55.64	49.42	55.76	59.37	60.34	62.41	60.11	696.36
1964	Dry	55.62	52.57	51.54	49.31	85.12	58.74	55.83	60.07	59.22	60.32	62.35	59.78	710.47
1965	Wet	55.49	52.30	51.42	65.62	82.18	69.62	52.52	57.51	20.66	66.65	69.29	66.53	709.79
1966	Below Normal	60.80	57.35	55.69	87.24	79.80	54.35	45.77	56.44	59.17	58.13	64.02	60.61	739.37
1967	Wet	51.34	47.62	43.65	23.48	82.18	75.87	85.09	88.66	86.26	93.82	94.34	91.64	863.95
1968	Below Normal	89.46	66.79	89.07	44.13	48.33	36.18	44.14	55.17	5.01	67.27	74.76	70.45	690.76
1969	Wet	56.40	52.26	46.52	51.39	76.28	90.99	80.85	85.21	83.00	90.32	90.75	88.18	892.15
1970	Wet	85.99	82.51	83.13	89.51	82.18	90.99	64.91	60.55	63.76	65.72	65.90	63.94	899.09
1971	Wet	62.18	59.39	60.06	95.12	82.18	68.51	45.99	56.62	58.91	58.20	63.52	60.25	770.93
1972	Below Normal	51.55	47.96	44.39	38.23	66.49	54.44	48.49	59.08	59.41	57.79	64.82	61.01	653.66
1973	Above Normal	50.23	46.40	41.66	17.23	69.48	68.62	60.24	65.81	68.65	70.67	70.94	68.83	698.76
1974	Wet	66.98	64.06	64.67	94.92	76.00	90.99	82.60	66.18	69.34	71.36	71.58	69.58	888.26
1975	Wet	67.73	64.65	65.33	85.22	65.79	80.90	62.74	65.00	67.78	69.90	70.22	68.22	833.48
1976	Critical	66.27	63.53	64.08	54.51	52.47	37.78	49.80	62.65	44.46	62.85	30.98	75.63	665.01
1977	Critical	60.09	55.17	33.25	4.68	7.44	10.09	20.07	1.33	0.00	1.87	3.73	1.70	199.42
1978	Above Normal	0.47	11.74	55.49	4.10	17.99	56.36	56.62	65.69	69.58	69.70	73.95	70.52	552.21
1979	Below Normal	63.58	59.84	57.54	37.83	35.93	74.54	62.59	65.15	67.98	70.14	70.50	68.50	734.12
1980	Above Normal	66.55	63.80	64.26	76.49	78.84	90.99	68.27	74.42	77.00	79.70	79.99	77.69	898.00
1981	Dry	75.83	72.51	73.14	64.33	77.08	52.88	49.79	64.08	51.42	67.86	76.29	71.95	797.16
1982	Wet	58.92	54.68	48.90	54.58	63.50	67.01	84.15	87.23	89.41	92.28	92.73	90.05	883.44
1983	Wet	87.99	79.98	80.57	84.64	75.92	90.99	80.93	83.18	79.02	83.93	88.75	86.26	1,002.16
1984	Wet	85.44	76.96	50.14	90.68	85.12	90.99	55.38	61.75	64.71	66.98	67.14	65.23	860.52
1985	Dry	63.30	60.58	61.44	95.12	56.91	64.01	57.42	60.99	62.34	64.28	64.41	62.40	773.20
1986	Wet	60.68	57.95	58.61	54.45	55.04	90.99	87.03	90.45	91.67	95.42	95.42	92.49	930.20
1987	Dry	91.41	7.89	89.07	39.87	34.39	18.80	27.31	35.91	37.00	32.34	32.50	31.16	477.65
1988	Critical	20.64	16.41	14.50	4.38	12.23	10.15	20.61	28.45	29.34	25.93	25.76	24.63	233.03
1989	Dry	15.93	12.43	11.14	6.16	12.88	15.17	63.10	70.41	69.58	70.12	60.37	72.61	479.90
1990	Critical	65.56	61.89	59.83	32.81	32.87	22.66	31.54	41.75	43.00	37.59	37.72	36.21	503.43
1991	Critical	24.01	19.21	16.90	4.26	7.50	10.17	21.35	27.94	28.89	25.52	25.44	24.42	235.61
1992	Critical	15.89	12.42	11.13	4.22	7.42	10.07	28.16	37.21	38.20	33.43	31.93	32.77	262.85
1993	Above Normal	15.24	11.79	22.66	4.47	60.89	59.13	52.41	59.79	7.93	71.45	76.41	73.03	515.20
1994	Critical	64.43	60.47	57.09	33.55	32.60	33.46	49.85	62.42	23.28	65.69	6.13	20.88	509.85
1995	Wet	0.34	2.83	84.64	4.74	47.86	39.65	79.31	82.23	84.29	72.43	89.60	86.98	674.90
1996	Wet	25.20	4.60	69.76	44.41	35.66	58.68	59.53	61.29	64.26	66.45	66.72	64.68	621.24
1997	Wet	62.88	60.27	60.18	90.68	82.18	90.99	69.59	71.92	74.52	77.03	77.29	75.10	892.63
1998	Wet	73.12	70.06	70.70	65.44	79.15	90.99	65.80	66.08	64.36	67.00	71.77	69.61	854.08
1999	Wet	67.62	66.26	66.29	95.12	76.61	62.40	55.71	61.41	64.40	66.83	67.04	65.03	814.72
2000	Above Normal	63.20	60.46	61.13	59.72	84.15	57.36	54.50	62.64	65.88	66.20	70.65	67.29	773.18
2001	Dry	59.72	56.25	53.66	31.72	28.54	23.48	41.20	55.15	56.49	50.02	51.25	49.21	556.69
2002	Dry	33.41	27.55	24.14	8.66	18.08	25.69	67.31	69.64	67.51	70.41	18.66	77.82	508.88
2003	Above Normal	0.28	3.95	84.64	13.51	21.00	26.84	43.49	54.53	2.57	64.83	72.32	67.96	455.92
	Average	55.28	48.54	54.76	41.84	48.48	51.04	54.51	61.04	55.28	64.44	63.24	63.33	661.77
	Wet	61.33	57.18	59.86	63.96	71.03	77.04	68.08	70.95	70.96	75.03	77.06	74.61	827.09
	Above Normal	44.93	43.37	57.67	35.96	54.28	54.96	55.72	64.08	51.57	68.48	73.63	70.37	675.02
	Below Normal	61.38	49.27	63.09	42.79	45.68	54.50	53.28	58.60	44.94	68.87	73.66	70.20	686.27
	Dry	54.38	42.82	49.66	28.22	31.00	29.33	49.59	59.53	54.93	59.93	51.02	60.00	570.41
	Critical	46.73	42.73	38.74	19.09	23.32	19.30	32.68	41.62	37.57	39.03	29.11	28.83	398.76

Difference in Energy Use (GWh) At Pumping Plant at Pearblossom: Alternative1_2020 minus CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Average
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	4.44	4.43	4.43	4.43	1.48
1923	Below Normal	4.43	4.43	4.42	0.35	0.00	(0.43)	(0.03)	0.03	4.47	4.44	4.49	4.47	2.59
1924	Critical	4.41	4.40	4.36	4.12	(0.25)	(0.07)	0.01	0.02	0.02	0.02	0.01	0.02	1.42
1925	Dry	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.03	0.04	0.96	0.96	0.97	0.97	0.33
1926	Dry	0.96	0.96	0.95	0.92	(0.02)	(0.01)	(0.05)	(0.04)	(0.04)	(0.03)	(0.04)	(0.04)	0.29
1927	Wet	(0.03)	(0.03)	(0.02)	0.00	(0.04)	0.00	0.00	0.00	4.44	4.44	4.44	4.43	1.47
1928	Above Normal	4.43	4.43	4.43	4.42	(0.06)	0.00	0.00	0.01	1.85	1.85	1.85	1.85	2.09
1929	Critical	1.84	1.84	1.85	1.84	0.00	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	1.01	0.69
1930	Dry	0.04	0.22	0.16	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.04
1931	Critical	0.00	0.00	(0.01)	0.00	(0.01)	0.00	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)
1932	Dry	(0.01)	(0.01)	(0.01)	0.00	0.00	0.01	0.00	0.00	4.43	4.44	4.43	4.43	1.48
1933	Critical	4.43	4.43	4.38	4.40	(1.83)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.32
1934	Critical	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	(0.02)	(0.16)	0.00	(0.02)
1935	Below Normal	(0.06)	0.01	(0.02)	0.00	(0.07)	(0.07)	(0.35)	(0.02)	3.82	3.67	3.93	3.85	1.22
1936	Below Normal	3.50	3.44	3.25	2.59	(0.99)	0.00	0.01	0.01	4.44	4.45	4.44	4.44	2.47
1937	Below Normal	4.45	4.45	4.45	0.00	0.95	21.58	0.00	0.00	4.44	4.43	4.44	4.43	4.47
1938	Wet	4.44	4.43	0.00	(1.46)	0.17	0.00	1.63	0.64	(0.21)	5.13	5.03	4.79	2.05
1939	Dry	5.21	5.20	5.19	10.29	0.26	(4.94)	(7.82)	(10.10)	4.11	0.15	8.43	(3.50)	1.04
1940	Above Normal	6.07	6.27	5.60	4.03	0.04	0.01	0.01	0.01	4.02	3.67	3.84	3.85	3.12
1941	Wet	3.84	3.84	1.96	(0.02)	0.00	(0.28)	(0.25)	(0.27)	4.18	4.17	4.16	4.17	2.13
1942	Wet	4.17	4.19	1.81	0.00	0.03	(0.28)	(0.02)	0.00	4.43	4.43	4.42	4.43	2.30
1943	Wet	4.42	4.42	4.42	(0.03)	(0.67)	(0.58)	(0.41)	(0.42)	4.01	4.00	4.00	4.01	2.26
1944	Dry	4.02	4.43	4.43	1.45	(2.66)	(0.88)	(0.01)	(0.01)	2.01	2.02	2.02	2.01	1.57
1945	Below Normal	2.01	2.02	2.02	2.03	0.00	(3.15)	0.10	0.11	4.54	4.54	4.54	4.54	1.94
1946	Below Normal	4.53	4.54	4.54	4.44	0.00	(1.99)	(0.39)	0.02	4.19	4.04	4.32	4.25	2.71
1947	Dry	3.85	3.80	3.55	2.83	(1.07)	(0.05)	0.20	0.21	1.03	1.02	1.03	1.03	1.45
1948	Below Normal	1.02	1.02	1.02	(1.96)	(2.21)	(0.81)	0.02	2.37	0.00	(0.02)	(0.05)	0.23	0.05
1949	Dry	0.09	0.04	(0.36)	(0.03)	(0.05)	(0.03)	(0.28)	(0.06)	(0.02)	(0.11)	(1.02)	0.44	(0.12)
1950	Below Normal	0.39	0.63	49.01	0.00	0.00	0.00	0.00	0.00	0.41	0.41	0.42	0.42	4.31
1951	Above Normal	0.41	0.42	0.00	15.57	5.59	0.00	0.07	0.06	4.49	4.50	4.50	4.49	3.34
1952	Wet	4.49	4.49	4.49	4.44	5.80	0.00	(0.31)	(12.62)	(11.84)	(8.16)	(8.29)	(7.95)	(2.12)
1953	Wet	(7.80)	(7.44)	(7.40)	4.44	2.40	30.19	1.56	1.74	58.09	(2.02)	(2.65)	(2.06)	5.75
1954	Above Normal	0.40	0.61	1.34	8.49	14.39	3.38	(0.32)	(0.15)	7.01	3.73	(1.48)	(1.45)	3.00
1955	Dry	(1.05)	(0.98)	(0.89)	0.06	0.55	0.72	1.07	1.38	1.38	1.33	1.52	1.43	0.54
1956	Wet	1.17	1.08	0.94	(1.70)	0.08	0.00	0.25	0.23	4.64	4.65	4.66	4.66	1.72
1957	Above Normal	4.64	4.65	4.64	4.51	0.07	(1.03)	(0.01)	(0.03)	1.95	3.47	3.69	3.69	2.52
1958	Wet	3.65	3.64	3.62	3.52	(0.06)	(0.05)	(0.04)	(0.04)	4.39	4.39	4.39	4.43	2.65
1959	Below Normal	4.38	7.20	4.43	4.50	(0.01)	0.02	0.00	0.00	0.32	0.32	0.32	0.32	1.82
1960	Dry	0.33	0.32	0.32	0.32	0.01	(0.06)	0.01	0.01	0.13	0.00	0.43	(0.08)	0.14
1961	Dry	(0.06)	(0.05)	(0.03)	0.04	0.04	0.02	0.00	0.01	0.01	0.01	(0.05)	0.02	0.00
1962	Below Normal	0.00	0.59	46.06	0.00	0.00	0.01	0.00	0.00	4.07	4.07	4.07	4.07	5.25
1963	Wet	4.07	4.07	4.07	4.07	0.00	0.00	0.00	0.00	4.43	4.43	4.43	4.43	2.83
1964	Dry	4.43	4.43	4.44	4.50	0.00	0.03	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	1.48
1965	Wet	0.00	0.00	0.00	0.01	0.00	0.00	(0.02)	0.00	4.18	4.46	4.47	4.47	1.46
1966	Below Normal	4.44	4.44	4.43	4.37	(0.06)	0.00	0.01	0.00	2.72	2.72	2.71	2.71	2.37
1967	Wet	2.72	2.72	2.72	2.74	0.00	0.03	0.00	0.00	0.00	4.43	4.43	4.43	2.02
1968	Below Normal	4.43	(14.62)	7.10	0.92	(4.14)	(1.09)	0.20	0.26	3.14	3.44	3.48	3.46	0.55
1969	Wet	3.39	3.39	3.36	(0.21)	0.06	0.00	0.09	0.11	0.10	4.53	4.54	4.53	1.99
1970	Wet	4.53	4.52	4.53	0.61	5.49	0.00	7.19	(0.42)	4.02	4.01	4.01	4.02	3.54
1971	Wet	4.02	4.05	4.05	4.44	1.33	0.81	0.18	(0.14)	2.12	2.25	1.98	2.05	2.26
1972	Below Normal	2.38	2.43	2.62	4.06	0.70	0.42	0.10	0.04	0.03	0.05	0.00	0.00	1.07
1973	Above Normal	0.07	0.08	0.13	0.29	0.00	0.00	0.00	0.00	4.24	4.24	4.24	4.24	1.46
1974	Wet	4.24	4.23	4.24	4.24	0.01	0.00	0.32	(0.20)	4.24	4.23	4.23	4.24	2.84
1975	Wet	4.24	4.24	4.25	4.88	0.11	(0.11)	(0.11)	(0.12)	4.16	4.15	4.15	4.15	2.83
1976	Critical	4.15	4.16	4.16	4.21	(0.05)	0.07	0.12	0.15	0.58	0.10	(0.41)	0.28	1.46
1977	Critical	0.37	0.16	(2.00)	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	0.00	0.05	(0.12)
1978	Above Normal	0.00	0.97	17.69	0.00	0.00	(4.43)	(1.83)	0.19	5.11	4.08	6.04	5.44	2.77
1979	Below Normal	2.88	2.48	1.05	(4.82)	(7.90)	(5.88)	(2.77)	(2.95)	1.57	1.48	1.45	1.54	(0.99)
1980	Above Normal	1.57	1.67	1.67	23.37	0.17	0.00	(15.39)	(13.68)	(8.74)	(9.20)	(9.35)	(8.98)	(3.07)
1981	Dry	(8.78)	14.38	(11.50)	21.99	35.25	20.71	4.38	5.70	49.38	0.14	0.15	0.49	11.02
1982	Wet	2.18	2.24	2.59	6.56	2.10	(0.06)	(0.03)	(0.03)	4.40	4.40	4.41	4.41	2.76
1983	Wet	4.40	(0.03)	(0.03)	0.00	(6.26)	0.00	2.11	0.00	(2.10)	0.00	4.43	4.43	0.58
1984	Wet	0.00	0.00	(34.50)	0.00	5.58	0.00	0.00	0.00	4.43	4.43	4.43	4.43	(0.93)
1985	Dry	4.43	4.43	4.42	4.44	0.00	0.00	0.00	0.00	2.44	2.45	2.44	2.45	2.29
1986	Wet	2.44	2.44	2.45	2.44	0.00	0.00	0.21	0.23	4.28	4.56	4.43	4.43	2.33
1987	Dry	4.80	7.72	4.43	4.40	(0.04)	(0.01)	(0.02)	(0.02)	(0.02)	(0.01)	(0.02)	(0.02)	1.77
1988	Critical	(0.01)	(0.01)	(0.01)	0.00	0.02	0.00	0.00	0.35	0.35	0.30	0.31	0.30	0.13
1989	Dry	0.20	0.17	0.14	(0.05)	(0.09)	(0.12)	(0.27)	0.01	0.05	(0.05)	(7.00)	1.19	(0.49)
1990	Critical	0.82	0.73	0.55	(0.89)	(0.66)	(0.14)	0.24	0.33	0.34	0.29	0.29	0.28	0.18
1991	Critical	0.20	0.15	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.49)	(0.68)	(0.68)	(0.59)	(0.53)	(0.61)	(0.30)
1993	Above Normal	1.30	0.10	(1.72)	0.03	0.10	0.19	0.09	(0.01)	6.27	4.56	4.43	4.63	1.66
1994	Critical	4.67	4.61	4.49	4.86	0.37	0.05	(0.06)	(0.08)	2.10	(0.30)	4.15	0.70	2.13
1995	Wet	0.00	0.52	20.66	0.00	0.00	0.00	0.00	0.00	4.43	(10.48)	6.14	6.08	2.28
1996	Wet	(53.66)	(9.83)	33.06	4.49	(0.02)	(0.01)	(0.20)	(0.20)	4.24	4.23	4.22	4.23	(0.79)
1997	Wet	4.24	4.24	3.57	0.00	5.20	0.00	(0.01)	(0.01)	4.42	4.42	4.42	4.42	2.91
1998	Wet	4.42	4.42	4.42	4.35	0.01	0.00	(0.05)	(0.39)	(0.38)	(0.39)	4.04	4.04	2.04
1999	Wet	4.05	4.06	4.93	4.44	0.00	(0.01)	0.00	0.00	4.43	4.43	4.43	4.43	2.93
2000	Above Normal	4.43	4.44	4.43	4.43	0.04	(0.78)	(0.26)	0.03	3.91	3.80	4.02	3.96	2.70
2001	Dry	3.68	3.63	3.47	2.72	(0.92)	(0.27)	0.00	(0.02)	(0.02)	0.01	0.06	0.05	1.03
2002	Dry	0.07	0.08	0.07	0.00	0.00	(0.01)	(0.08)	(0.09)	(0.08)	(0.09)	(1.94)	0.26	(0.15)
2003	Above Normal	0.00	3.78	34.26	0.00	0.00	0.00	0.00	0.00	1.23	1.23	1.23	1.23	3.58
	Average	1.45	2.12	3.87	2.52	0.69	0.62	(0.14)	(0.35)	3.24	1.82	2.13	2.11	1.67
	Wet	0.52	2.07	2.85	2.01	0.82	1.14	0.47	(0.46)	4.75	2.66	3.59	3.62	2.00
	Above Normal	1.94	2.29	6.04	5.43	1.70	(0.22)	(1.47)	(1.13)	2.98	2.53	2.29	2.28	2.05
	Below Normal	2.77	1.65	9.60	1.18	(0.98)	0.62	(0.22)	(0.01)	2.73	2.72	2.75	2.77	2.13
	Dry	1.23	2.71	1.04	2.99	1.74	0.84	(0.16)	(0.17)	3.65	0.68	0.63	0.62	1.32
	Critical	1.74	1.71	1.49	1.55	(0.20)	(0.01)	(0.02)	0.00	0.22	(0.02)	0.30	0.17	0.58

Percent Difference in Energy Use (GWh) At Pumping Plant at Pearblossom: Alternative1_2020 minus CONV_NA

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%	8%	7%	7%	8%
1923	Below Normal	8%	8%	8%	0%	0%	-1%	0%	0%	8%	8%	7%	8%
1924	Critical	9%	10%	11%	26%	-1%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	1%	2%	1%	1%
1926	Dry	2%	2%	2%	19%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	7%	7%	7%	7%
1928	Above Normal	7%	8%	8%	9%	0%	0%	0%	0%	3%	3%	2%	3%
1929	Critical	3%	3%	3%	4%	0%	0%	0%	0%	0%	0%	0%	67%
1930	Dry	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	9%	9%	8%	9%
1933	Critical	11%	12%	13%	97%	-4%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	-1%	0%	6%	5%	5%	6%
1936	Below Normal	6%	6%	6%	7%	-2%	0%	0%	0%	6%	6%	6%	6%
1937	Below Normal	7%	7%	7%	0%	1%	31%	0%	0%	5%	5%	5%	5%
1938	Wet	5%	6%	0%	-2%	0%	0%	2%	1%	0%	6%	6%	5%
1939	Dry	6%	6%	6%	16%	0%	-11%	-15%	-16%	238%	0%	428%	-5%
1940	Above Normal	>1,000%	>1,000%	9%	88%	0%	0%	0%	0%	11%	6%	5%	5%
1941	Wet	7%	7%	4%	0%	0%	0%	0%	0%	6%	6%	6%	6%
1942	Wet	6%	6%	3%	0%	0%	0%	0%	0%	8%	8%	7%	8%
1943	Wet	9%	9%	10%	0%	-1%	-1%	-1%	-1%	5%	5%	5%	5%
1944	Dry	5%	>1,000%	5%	4%	-8%	-3%	0%	0%	4%	4%	4%	4%
1945	Below Normal	5%	6%	7%	25%	0%	-3%	0%	0%	7%	6%	6%	7%
1946	Below Normal	7%	7%	7%	5%	0%	-2%	-1%	0%	8%	7%	8%	8%
1947	Dry	8%	8%	7%	6%	-2%	0%	0%	0%	1%	1%	1%	1%
1948	Below Normal	1%	2%	2%	-4%	-5%	-3%	0%	181%	0%	0%	0%	0%
1949	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	-6%	1%
1950	Below Normal	1%	7%	301%	0%	0%	0%	0%	0%	26%	1%	1%	1%
1951	Above Normal	1%	1%	0%	21%	7%	0%	0%	0%	7%	7%	7%	7%
1952	Wet	8%	8%	8%	5%	7%	0%	0%	-16%	-15%	-10%	-10%	-10%
1953	Wet	-10%	-10%	-10%	5%	3%	69%	4%	3%	>1,000%	-3%	-4%	-3%
1954	Above Normal	1%	1%	3%	98%	35%	11%	-1%	0%	13%	7%	-2%	-2%
1955	Dry	-2%	-2%	-2%	1%	3%	3%	2%	3%	2%	2%	2%	2%
1956	Wet	3%	3%	3%	-3%	0%	0%	0%	0%	7%	7%	7%	7%
1957	Above Normal	7%	7%	7%	7%	0%	-2%	0%	0%	8%	5%	5%	5%
1958	Wet	6%	7%	8%	35%	0%	0%	0%	0%	5%	5%	5%	5%
1959	Below Normal	5%	>1,000%	5%	12%	0%	0%	0%	0%	18%	1%	0%	0%
1960	Dry	1%	1%	1%	7%	0%	0%	0%	0%	0%	0%	1%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	2%	119%	0%	0%	0%	0%	0%	241%	6%	5%	5%
1963	Wet	7%	7%	8%	7%	0%	0%	0%	0%	8%	8%	8%	8%
1964	Dry	9%	9%	9%	10%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	25%	7%	7%	7%
1966	Below Normal	8%	8%	9%	5%	0%	0%	0%	0%	5%	5%	4%	5%
1967	Wet	6%	6%	7%	13%	0%	0%	0%	0%	0%	5%	5%	5%
1968	Below Normal	5%	-18%	9%	2%	-8%	-3%	0%	0%	168%	5%	5%	5%
1969	Wet	6%	7%	8%	0%	0%	0%	0%	0%	0%	5%	5%	5%
1970	Wet	6%	6%	6%	1%	7%	0%	12%	-1%	7%	6%	6%	7%
1971	Wet	7%	7%	7%	5%	2%	1%	0%	0%	4%	4%	3%	4%
1972	Below Normal	5%	5%	6%	12%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	2%	0%	0%	0%	0%	7%	6%	6%	7%
1974	Wet	7%	7%	7%	5%	0%	0%	0%	0%	7%	6%	6%	6%
1975	Wet	7%	7%	7%	6%	0%	0%	0%	0%	7%	6%	6%	6%
1976	Critical	7%	7%	7%	8%	0%	0%	0%	0%	1%	0%	-1%	0%
1977	Critical	1%	0%	-6%	0%	0%	0%	0%	0%	0%	-2%	0%	3%
1978	Above Normal	0%	9%	47%	0%	0%	-7%	-3%	0%	8%	6%	9%	8%
1979	Below Normal	5%	4%	2%	-11%	-18%	-7%	-4%	-4%	2%	2%	2%	2%
1980	Above Normal	2%	3%	3%	44%	0%	0%	-18%	-16%	-10%	-10%	-10%	-10%
1981	Dry	-10%	25%	-14%	52%	84%	64%	10%	10%	>1,000%	0%	0%	1%
1982	Wet	4%	4%	6%	14%	3%	0%	0%	0%	5%	5%	5%	5%
1983	Wet	5%	0%	0%	0%	-8%	0%	3%	0%	-3%	0%	5%	5%
1984	Wet	0%	0%	-41%	0%	7%	0%	0%	0%	7%	7%	7%	7%
1985	Dry	8%	8%	8%	5%	0%	0%	0%	0%	4%	4%	4%	4%
1986	Wet	4%	4%	4%	5%	0%	0%	0%	0%	5%	5%	5%	5%
1987	Dry	6%	>1,000%	5%	12%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%
1989	Dry	1%	1%	1%	-1%	-1%	-1%	0%	0%	0%	0%	-10%	2%
1990	Critical	1%	1%	1%	-3%	-2%	-1%	1%	1%	1%	1%	1%	1%
1991	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	-2%	-2%	-2%	-2%	-2%	-2%
1993	Above Normal	9%	1%	-7%	1%	0%	0%	0%	0%	378%	7%	6%	7%
1994	Critical	8%	8%	9%	17%	1%	0%	0%	0%	10%	0%	210%	3%
1995	Wet	0%	23%	32%	0%	0%	0%	0%	0%	6%	-13%	7%	8%
1996	Wet	-68%	-68%	90%	11%	0%	0%	0%	0%	7%	7%	7%	7%
1997	Wet	7%	8%	6%	0%	7%	0%	0%	0%	6%	6%	6%	6%
1998	Wet	6%	7%	7%	7%	0%	0%	0%	-1%	-1%	-1%	6%	6%
1999	Wet	6%	7%	8%	5%	0%	0%	0%	0%	7%	7%	7%	7%
2000	Above Normal	8%	8%	8%	8%	0%	-1%	0%	0%	6%	6%	6%	6%
2001	Dry	7%	7%	7%	9%	-3%	-1%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-9%	0%
2003	Above Normal	0%	>1,000%	68%	0%	0%	0%	0%	0%	92%	2%	2%	2%
	Average	3%	3%	11%	9%	1%	2%	0%	2%	18%	3%	10%	4%
	Wet	2%	3%	7%	4%	1%	3%	1%	-1%	5%	4%	5%	5%
	Above Normal	3%	3%	12%	23%	4%	0%	-2%	-1%	44%	4%	4%	4%
	Below Normal	4%	3%	35%	4%	-2%	1%	0%	13%	36%	4%	4%	4%
	Dry	2%	4%	2%	8%	4%	3%	0%	0%	14%	1%	24%	1%
	Critical	3%	4%	3%	12%	-1%	0%	0%	0%	1%	0%	17%	6%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	21.07	9.69	10.53	2.74	8.69	17.92	14.15	12.52	13.37	13.45	12.77	12.99	149.89
1923	Below Normal	3.69	5.15	8.08	11.40	8.81	15.11	9.62	9.51	11.56	13.28	12.76	11.86	120.83
1924	Critical	2.25	3.19	5.66	0.85	1.32	10.21	6.93	4.98	5.93	6.68	6.72	6.32	61.04
1925	Dry	1.27	0.94	0.47	0.03	0.03	16.91	6.91	10.52	13.26	15.62	14.78	13.46	94.20
1926	Dry	3.82	3.97	6.13	0.77	1.04	10.82	8.06	8.77	11.04	12.93	12.22	11.10	90.67
1927	Wet	2.05	2.27	5.01	1.01	4.98	19.24	15.47	13.88	14.43	14.22	13.45	13.98	119.99
1928	Above Normal	4.81	6.26	9.22	1.27	2.44	10.95	17.29	15.83	16.15	15.77	14.93	15.81	130.73
1929	Critical	6.55	7.75	10.67	0.89	1.22	9.63	6.64	5.35	6.41	7.23	7.27	4.00	73.61
1930	Dry	1.35	1.00	0.50	0.14	0.99	10.08	8.68	7.40	9.16	10.49	10.32	9.55	69.66
1931	Critical	1.87	1.21	2.42	0.45	0.97	10.29	7.67	6.04	7.10	8.13	8.12	7.59	61.86
1932	Dry	1.55	1.15	0.57	0.04	0.04	19.31	5.23	8.07	10.13	11.87	11.31	10.39	79.66
1933	Critical	1.88	1.16	4.57	0.63	18.08	7.49	4.34	7.47	9.23	10.77	10.48	9.67	85.77
1934	Critical	1.89	1.19	2.74	0.49	0.88	10.44	8.22	6.87	8.18	9.23	9.32	2.47	61.92
1935	Below Normal	1.79	3.02	4.97	0.33	1.34	10.74	14.93	13.80	15.06	15.60	14.79	14.82	111.19
1936	Below Normal	5.44	6.27	8.93	0.86	1.76	21.07	15.33	15.36	15.83	15.59	14.78	15.44	136.66
1937	Below Normal	6.17	7.37	10.27	0.97	18.47	8.50	15.73	18.60	18.96	18.56	17.57	18.62	159.79
1938	Wet	9.21	9.92	12.66	1.70	11.35	21.07	19.30	19.08	19.79	19.40	18.44	19.24	181.16
1939	Dry	9.61	10.16	12.77	1.44	2.16	11.57	11.03	10.65	12.99	15.80	15.00	13.76	126.94
1940	Above Normal	4.03	4.10	6.24	0.77	0.83	11.48	10.81	10.67	13.41	15.65	14.90	13.62	106.51
1941	Wet	3.95	4.04	6.19	5.28	9.55	18.91	16.62	15.18	15.84	15.62	14.82	15.33	141.33
1942	Wet	5.98	7.19	10.03	10.33	9.07	16.58	11.49	10.32	12.09	13.19	12.59	11.97	130.83
1943	Wet	2.57	3.67	6.32	9.57	9.64	18.04	17.89	16.67	17.32	17.11	16.25	16.85	151.90
1944	Dry	7.34	3.37	13.99	1.02	1.30	10.61	8.82	7.73	9.44	10.94	10.67	9.95	95.18
1945	Below Normal	1.89	1.15	3.18	0.81	1.33	21.07	14.96	14.91	15.49	15.21	14.39	15.08	119.47
1946	Below Normal	5.81	7.08	10.01	11.54	10.04	17.50	12.47	11.43	12.38	12.59	11.98	12.00	134.83
1947	Dry	2.75	4.35	7.28	1.27	10.87	2.59	17.33	15.80	16.09	15.70	14.86	15.82	124.71
1948	Below Normal	6.50	7.71	10.63	0.91	1.23	9.56	7.50	8.95	11.28	13.23	12.54	11.45	101.49
1949	Dry	2.09	2.63	5.16	0.93	1.27	10.68	12.34	11.87	14.27	16.15	15.28	14.38	107.05
1950	Below Normal	4.72	4.90	7.11	0.48	0.83	10.33	10.23	9.47	11.84	14.00	13.28	12.12	99.31
1951	Above Normal	2.59	3.13	5.47	21.07	16.99	14.93	10.57	13.32	14.04	13.83	13.20	13.53	142.67
1952	Wet	4.24	5.73	8.64	10.65	10.79	18.50	15.85	17.21	17.86	17.68	16.80	17.43	161.38
1953	Wet	7.90	8.70	11.39	10.65	2.84	11.31	9.43	8.60	10.91	13.00	12.40	11.40	118.53
1954	Above Normal	1.79	2.60	5.02	1.06	5.67	11.91	10.54	10.14	12.72	15.05	14.26	13.08	103.84
1955	Dry	3.39	3.68	5.88	1.10	1.37	11.14	9.86	9.15	11.44	13.46	12.82	11.73	95.02
1956	Wet	2.24	2.86	5.26	21.07	17.33	16.61	12.54	15.10	15.91	15.65	14.90	15.32	154.79
1957	Above Normal	5.90	7.09	9.88	1.32	1.90	13.36	10.79	10.51	13.32	15.60	14.80	13.58	118.05
1958	Wet	3.83	3.98	6.13	1.19	10.43	19.06	20.06	19.15	19.81	19.43	18.56	19.34	160.97
1959	Below Normal	9.72	10.22	12.82	1.42	2.19	11.53	9.94	8.97	11.31	13.31	12.57	11.48	115.48
1960	Dry	2.08	2.73	5.15	0.70	0.68	10.70	12.33	11.91	14.45	16.30	15.41	14.43	106.87
1961	Dry	4.80	4.93	7.15	0.80	1.36	10.21	9.97	9.04	2.14	15.53	14.85	13.49	94.27
1962	Below Normal	0.00	6.04	7.67	0.71	1.06	11.16	10.41	9.82	12.37	14.54	13.81	12.61	100.20
1963	Wet	3.06	3.45	5.72	10.85	8.96	16.92	11.74	11.12	12.37	12.82	12.27	12.08	121.36
1964	Dry	2.79	4.18	7.00	2.27	11.04	14.91	13.78	12.25	13.36	13.78	13.11	13.08	121.55
1965	Wet	3.84	5.07	7.88	6.50	9.69	17.54	12.76	11.31	12.58	13.25	12.68	12.30	125.40
1966	Below Normal	3.07	4.32	7.07	10.72	8.90	15.28	10.11	9.68	11.75	13.24	12.80	11.90	118.84
1967	Wet	2.34	3.27	5.76	1.23	11.93	20.01	19.70	18.94	19.62	19.34	18.43	19.17	159.74
1968	Below Normal	9.54	10.10	12.69	1.52	2.72	11.57	9.94	9.06	11.45	13.43	12.71	11.67	116.40
1969	Wet	2.17	2.82	5.21	9.98	19.03	15.78	15.08	18.10	18.86	18.55	17.70	18.29	161.57
1970	Wet	8.65	9.35	11.97	11.73	10.34	21.07	11.83	13.11	13.81	13.64	12.95	13.26	151.71
1971	Wet	4.00	5.55	8.48	10.70	9.08	14.75	10.05	9.85	11.89	13.42	12.89	12.05	122.71
1972	Below Normal	2.49	3.42	5.93	3.57	8.87	16.23	10.64	9.86	12.16	14.02	13.46	12.40	113.05
1973	Above Normal	2.77	3.44	5.82	3.97	19.03	12.72	11.58	14.31	14.94	14.64	13.91	14.37	131.50
1974	Wet	5.12	6.48	9.40	11.57	11.54	19.40	15.76	14.23	15.05	14.80	14.11	14.47	151.93
1975	Wet	5.13	6.41	9.27	6.33	3.13	19.05	15.57	14.00	14.54	14.24	13.54	14.11	135.32
1976	Critical	4.84	6.28	9.24	1.23	1.82	11.19	10.60	10.25	12.00	15.22	14.40	13.22	110.29
1977	Critical	3.59	3.80	6.02	0.75	0.70	9.36	6.14	3.36	0.00	1.69	0.82	4.50	40.73
1978	Above Normal	0.00	2.01	4.38	0.31	1.41	17.86	13.70	13.47	14.45	14.79	14.03	14.16	110.57
1979	Below Normal	4.90	5.94	8.71	1.10	1.80	19.89	16.22	14.74	15.21	14.91	14.12	14.82	132.36
1980	Above Normal	5.54	6.86	9.81	13.37	11.89	12.67	15.85	18.85	19.54	19.23	18.28	19.03	170.92
1981	Dry	9.47	10.03	12.63	1.35	1.98	11.12	10.13	9.67	12.20	14.21	13.48	12.33	118.60
1982	Wet	2.76	3.26	5.56	9.31	9.33	18.77	19.35	18.44	19.15	18.83	17.95	18.61	161.32
1983	Wet	9.02	9.63	20.67	16.83	11.72	11.59	14.66	17.65	18.43	18.16	17.38	17.93	183.67
1984	Wet	20.26	16.94	16.45	18.07	14.96	14.82	10.42	13.31	14.00	13.85	13.17	13.51	179.76
1985	Dry	4.14	5.65	20.53	10.74	8.88	6.31	14.56	13.06	13.88	13.65	12.93	13.21	137.54
1986	Wet	4.02	5.54	8.50	0.91	13.64	14.04	16.15	19.16	19.75	19.31	18.35	19.18	158.55
1987	Dry	9.73	10.29	12.93	1.06	1.35	9.58	6.88	4.69	5.57	6.17	6.25	5.86	80.36
1988	Critical	1.15	0.85	0.42	0.03	0.04	6.52	6.21	3.73	4.52	5.20	5.13	4.78	38.58
1989	Dry	0.93	0.69	0.34	0.04	0.04	5.85	14.62	13.69	15.09	15.81	14.93	14.88	96.91
1990	Critical	5.50	6.24	8.83	0.84	1.24	9.99	7.27	5.25	6.30	7.14	7.17	6.74	72.51
1991	Critical	1.35	0.99	0.49	0.03	0.03	7.18	6.24	3.70	4.46	5.11	5.05	4.78	39.41
1992	Critical	0.91	0.67	0.33	0.03	0.02	4.54	7.00	4.95	5.80	6.54	6.60	6.17	43.56
1993	Above Normal	1.22	0.90	0.45	0.03	5.73	17.71	12.24	11.14	12.93	14.06	13.44	12.84	102.69
1994	Critical	3.37	4.26	6.83	1.16	1.77	11.67	10.72	10.27	10.01	15.74	14.96	13.72	104.48
1995	Wet	2.40	5.04	6.96	0.77	7.26	13.68	18.86	17.63	18.15	17.80	16.90	17.77	143.22
1996	Wet	8.34	9.18	11.92	6.82	4.33	17.50	15.05	13.22	13.81	13.62	12.95	13.33	140.07
1997	Wet	4.15	5.70	8.69	10.72	10.46	21.07	14.78	15.43	16.12	15.84	15.11	15.59	153.66
1998	Wet	6.12	7.28	10.06	1.33	9.83	18.74	15.91	14.35	15.01	14.84	14.14	14.63	142.24
1999	Wet	5.31	20.39	14.35	13.16	14.54	14.83	10.49	13.24	13.96	13.70	13.13	13.45	160.55
2000	Above Normal	4.19	5.66	8.57	1.25	7.13	15.06	12.92	12.16	13.78	14.67	13.98	13.61	122.98
2001	Dry	4.15	4.97	7.56	0.82	1.24	10.50	8.25	7.15	8.48	9.52	9.56	9.01	81.21
2002	Dry	1.81	1.30	0.87	0.68	1.42	11.11	16.79	15.12	15.51	15.16	14.31	15.19	109.27
2003	Above Normal	5.94	7.26	10.21	1.00	1.63	11.27	9.82	9.06	11.40	13.45	12.71	11.65	105.40
	Average	4.54	5.23	7.65	4.21	6.02	13.64	12.06	11.75	12.88	13.84	13.20	12.94	117.96
	Wet	5.33	6.68	9.17	8.39	10.22	17.26	14.88	14.93	15.81	15.82	15.07	15.41	148.99
	Above Normal	4.99	4.92	7.13	4.01	6.95	13.99	12.52	12.67	14.17	15.02	14.27	14.02	124.65
	Below Normal	4.70	5.91	8.43	3.31	4.95	14.25	12.00	11.73	13.33	14.39	13.68	13.31	119.99
	Dry	4.06	4.22	7.05	1.40	2.61	10.78	10.87	10.36	11.58	13.51	12.89	12.31	101.65
	Critical	2.93	3.13	4.85	0.62	2.34	9.04	7.33	6.02	6.66	8.22	8.00	7.00	66.15

Energy Use (GWh) At Pumping Plant at South Bay: Alternative1_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	21.07	9.69	10.53	2.74	8.69	17.92	14.15	12.52	13.37	13.45	12.77	12.99	149.89
1923	Below Normal	3.69	5.15	8.08	11.40	8.80	15.04	9.60	9.50	11.55	13.28	12.77	11.86	120.72
1924	Critical	2.25	3.18	5.65	0.85	1.32	10.21	6.93	4.98	5.93	6.68	6.72	6.33	61.03
1925	Dry	1.27	0.94	0.47	0.03	0.03	16.91	6.91	10.53	13.26	15.62	14.79	13.46	94.22
1926	Dry	3.82	3.97	6.14	0.77	1.04	10.82	8.05	8.77	11.03	12.92	12.21	11.09	90.63
1927	Wet	2.05	2.26	5.00	1.01	4.97	19.24	15.48	13.88	14.43	14.22	13.45	13.98	119.97
1928	Above Normal	4.81	6.26	9.22	1.27	2.43	10.95	17.29	15.83	16.15	15.77	14.93	15.81	130.72
1929	Critical	6.55	7.75	10.67	0.89	1.22	9.62	6.64	5.35	6.41	7.22	7.27	4.00	73.59
1930	Dry	1.35	1.00	0.50	0.13	0.99	10.08	8.68	7.40	9.16	10.49	10.32	9.55	69.65
1931	Critical	1.87	1.21	2.42	0.45	0.97	10.29	7.67	6.04	7.10	8.12	8.12	7.59	61.85
1932	Dry	1.55	1.15	0.57	0.04	0.04	19.30	5.23	8.07	10.13	11.87	11.31	10.39	79.65
1933	Critical	1.88	1.16	4.57	0.63	18.08	7.49	4.34	7.47	9.23	10.77	10.48	9.67	85.77
1934	Critical	1.89	1.19	2.74	0.49	0.87	10.43	8.22	6.86	8.18	9.22	9.31	2.49	61.89
1935	Below Normal	1.79	3.00	4.97	0.33	1.34	10.74	14.77	13.69	15.03	15.64	14.84	14.80	110.94
1936	Below Normal	5.41	6.19	8.82	0.86	1.76	21.07	15.30	15.36	15.83	15.59	14.78	15.44	136.41
1937	Below Normal	6.17	7.38	10.28	0.97	18.47	8.50	15.73	18.61	18.96	18.56	17.57	18.62	159.82
1938	Wet	9.21	9.92	12.66	1.50	11.03	20.05	20.06	19.19	19.89	19.50	18.53	19.35	180.89
1939	Dry	9.71	10.25	12.86	1.43	2.02	10.98	10.01	9.09	11.38	13.41	12.72	11.64	115.50
1940	Above Normal	2.15	2.81	5.22	0.70	0.84	11.48	10.81	10.67	13.41	15.66	14.90	13.63	102.28
1941	Wet	3.95	4.04	6.19	5.27	9.55	18.86	16.58	15.13	15.78	15.56	14.77	15.28	140.96
1942	Wet	5.93	7.15	9.99	10.35	9.08	16.55	11.49	10.31	12.08	13.19	12.59	11.97	130.68
1943	Wet	2.57	3.67	6.31	9.57	9.54	17.94	17.82	16.58	17.22	17.02	16.16	16.76	151.16
1944	Dry	7.26	3.35	13.96	1.02	1.30	10.62	8.82	7.73	9.44	10.94	10.67	9.95	95.06
1945	Below Normal	1.89	1.15	3.18	0.81	1.33	21.07	14.83	14.93	15.51	15.23	14.40	15.10	119.43
1946	Below Normal	5.83	7.09	10.03	11.53	10.03	17.49	12.29	11.30	12.33	12.63	12.02	11.98	134.55
1947	Dry	2.71	4.26	7.16	1.27	13.72	0.30	16.82	15.84	16.13	15.74	14.90	15.86	124.71
1948	Below Normal	6.54	7.74	10.66	0.91	1.23	9.56	7.50	8.95	11.29	13.25	12.55	11.46	101.64
1949	Dry	2.09	2.65	5.17	0.92	1.26	10.68	12.23	11.78	14.23	16.16	15.29	14.35	106.81
1950	Below Normal	4.68	4.85	7.04	0.48	0.83	10.33	10.23	9.47	11.84	14.00	13.28	12.12	99.15
1951	Above Normal	2.59	3.13	5.47	21.07	16.85	14.94	10.58	13.33	14.06	13.84	13.21	13.54	142.61
1952	Wet	4.25	5.74	8.66	10.65	10.78	18.48	15.83	14.65	15.29	15.19	14.44	14.87	148.83
1953	Wet	5.50	6.73	9.58	12.03	8.74	13.88	9.46	9.08	11.37	13.32	12.77	11.84	124.30
1954	Above Normal	2.14	2.98	5.41	1.13	8.20	12.53	10.45	10.05	12.63	14.95	14.20	13.02	107.69
1955	Dry	3.30	3.63	5.84	1.11	1.41	11.22	10.00	9.36	11.71	13.77	13.12	12.01	96.48
1956	Wet	2.49	3.03	5.39	10.02	19.71	20.09	12.59	15.15	15.95	15.69	14.94	15.37	150.42
1957	Above Normal	5.95	7.12	9.91	1.32	1.91	13.16	10.80	10.51	13.32	15.61	14.80	13.58	117.99
1958	Wet	3.84	3.98	6.13	1.19	10.42	19.05	20.06	19.14	19.80	19.42	18.55	19.33	160.91
1959	Below Normal	9.71	10.22	12.82	1.42	2.18	11.53	9.94	8.97	11.31	13.31	12.57	11.48	115.46
1960	Dry	2.08	2.73	5.15	0.70	0.68	10.69	12.33	11.92	14.46	16.30	15.41	14.43	106.88
1961	Dry	4.80	4.94	7.15	0.80	1.36	10.22	9.97	9.05	1.75	15.62	14.91	13.56	94.13
1962	Below Normal	0.00	6.14	7.75	0.71	1.06	11.16	10.41	9.82	12.37	14.54	13.81	12.61	100.38
1963	Wet	3.06	3.45	5.72	10.85	8.96	16.92	11.74	11.12	12.37	12.82	12.27	12.08	121.36
1964	Dry	2.79	4.18	7.00	2.29	11.04	14.91	13.78	12.25	12.96	13.86	13.19	13.15	121.40
1965	Wet	3.91	5.11	7.93	6.50	9.69	17.54	12.75	11.31	12.58	13.25	12.68	12.30	125.55
1966	Below Normal	3.07	4.32	7.06	10.73	8.90	15.29	10.11	9.68	11.75	13.24	12.79	11.90	118.84
1967	Wet	2.34	3.27	5.76	1.23	11.93	20.01	19.70	18.94	19.62	19.34	18.43	19.17	159.74
1968	Below Normal	9.54	10.10	12.69	1.51	2.52	11.57	9.97	9.11	11.50	13.49	12.77	11.72	116.49
1969	Wet	2.22	2.85	5.24	9.94	19.03	15.68	1.25	18.11	18.87	18.57	17.71	18.31	147.78
1970	Wet	8.67	9.36	11.98	11.50	10.13	21.07	11.67	13.01	13.71	13.54	12.85	13.16	150.65
1971	Wet	3.91	5.48	8.42	10.75	9.13	15.04	10.14	9.92	11.92	13.38	12.84	12.04	122.97
1972	Below Normal	2.50	3.47	6.00	3.68	8.78	16.23	10.68	9.89	12.18	14.02	13.46	12.41	113.30
1973	Above Normal	2.78	3.46	5.84	3.59	19.03	12.71	11.58	14.31	14.94	14.64	13.91	14.37	131.16
1974	Wet	5.12	6.48	9.40	11.57	11.51	19.37	15.73	14.19	15.01	14.75	14.07	14.43	151.63
1975	Wet	5.09	6.38	9.24	6.45	3.17	19.03	15.55	13.98	14.51	14.21	13.52	14.08	135.21
1976	Critical	4.81	6.26	9.22	1.23	1.82	11.19	10.62	10.27	12.00	15.26	14.44	13.25	110.37
1977	Critical	3.63	3.82	6.03	0.75	0.70	9.36	6.14	3.36	0.00	1.69	0.82	4.50	40.80
1978	Above Normal	0.40	1.75	4.25	0.31	1.41	16.96	12.87	12.71	14.22	15.16	14.39	14.07	108.50
1979	Below Normal	4.69	5.40	7.98	1.09	1.78	19.38	15.71	14.13	14.58	14.31	13.54	14.20	126.79
1980	Above Normal	4.97	6.40	9.39	8.65	19.71	14.03	12.89	15.94	16.66	16.44	15.64	16.14	156.86
1981	Dry	6.75	7.78	10.54	1.35	4.72	13.50	10.63	10.71	13.38	15.46	14.70	13.55	123.07
1982	Wet	3.83	4.09	6.27	9.42	9.52	18.76	19.35	18.43	19.15	18.82	17.95	18.60	164.19
1983	Wet	9.01	9.63	12.25	21.07	15.98	0.00	0.15	2.37	3.56	17.20	17.38	17.93	126.53
1984	Wet	20.26	16.94	16.45	3.40	0.82	11.01	10.42	13.31	14.00	13.85	13.17	13.51	147.14
1985	Dry	4.14	5.65	20.53	10.75	8.88	6.31	14.56	13.06	13.88	13.65	12.93	13.21	137.55
1986	Wet	4.02	5.54	8.50	0.91	1.68	21.07	20.20	19.25	19.84	19.40	18.44	19.26	158.11
1987	Dry	9.81	10.35	12.98	1.06	1.35	9.58	6.88	4.68	5.57	6.17	6.25	5.85	80.53
1988	Critical	1.15	0.85	0.42	0.03	0.04	6.52	6.21	3.77	4.56	5.25	5.18	4.83	38.81
1989	Dry	0.94	0.69	0.35	0.04	0.04	5.89	14.50	13.62	15.07	15.85	14.97	14.87	96.83
1990	Critical	5.48	6.18	8.75	0.84	1.25	10.01	7.29	5.29	6.34	7.20	7.22	6.79	72.64
1991	Critical	1.36	1.00	0.50	0.03	0.03	7.25	6.24	3.70	4.46	5.11	5.05	4.78	39.51
1992	Critical	0.91	0.67	0.33	0.03	0.02	4.54	6.96	4.87	5.71	6.44	6.49	6.08	43.05
1993	Above Normal	1.19	0.88	0.44	0.03	5.61	17.74	12.29	11.17	12.94	14.05	13.43	12.85	102.62
1994	Critical	3.38	4.28	6.86	1.16	1.77	11.66	10.71	10.25	10.01	15.72	14.94	13.70	104.44
1995	Wet	2.40	5.02	6.95	0.77	7.25	13.68	18.86	17.63	18.15	17.80	16.90	17.77	143.18
1996	Wet	8.34	3.82	14.49	6.84	4.33	17.50	15.02	13.18	13.77	13.58	12.91	13.29	137.07
1997	Wet	4.11	5.67	8.67	10.72	10.46	21.07	14.79	15.43	16.12	15.84	15.11	15.58	153.57
1998	Wet	6.12	7.28	10.06	1.33	9.82	18.74	15.91	14.27	14.93	14.76	14.07	14.55	141.84
1999	Wet	5.24	20.39	14.29	13.25	14.54	14.83	10.49	13.24	13.96	13.70	13.13	13.45	160.51
2000	Above Normal	4.19	5.66	8.57	1.25	7.14	14.90	12.80	12.08	13.76	14.71	14.02	13.60	122.68
2001	Dry	4.14	4.91	7.48	0.82	1.24	10.52	8.26	7.16	8.49	9.53	9.57	9.02	81.14
2002	Dry	1.82	1.30	0.90	0.68	1.42	11.11	16.77	15.10	15.49	15.14	14.30	15.17	109.20
2003	Above Normal	5.93	7.24	10.20	1.00	1.63	11.27	9.82	9.06	11.40	13.45	12.71	11.65	105.36
	Average	4.47	5.10	7.52	3.90	6.03	13.60	11.69	11.47	12.61	13.76	13.14	12.86	116.15
	Wet	5.29	6.43	8.91	7.62	9.68	17.13	13.97	14.26	15.15	15.69	14.99	15.32	144.43
	Above Normal	4.85	4.78	7.04	3.59	7.79	14.05	12.19	12.35	13.91	14.81	14.08	13.77	123.20
	Below Normal	4.68	5.87	8.38	3.32	4.93	14.21	11.93	11.67	13.29	14.36	13.65	13.26	119.57
	Dry	3.91	4.10	6.93	1.40	2.92	10.76	10.80	10.34	11.53	13.47	12.86	12.28	101.30
	Critical	2.93	3.13	4.85	0.62	2.34	9.05	7.33	6.02	6.66	8.22	8.00	7.00	66.15

Difference in Energy Use (GWh) At Pumping Plant at South Bay: Alternative1_2020 minus CONV_NA

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	(0.01)	(0.07)	(0.02)	(0.01)	(0.01)	0.00	0.01	0.00	(0.01)
1924	Critical	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00
1926	Dry	0.00	0.00	0.01	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1927	Wet	0.00	(0.01)	(0.01)	0.00	(0.01)	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1928	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
1929	Critical	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1930	Dry	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
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	(0.01)	(0.01)	0.00	(0.01)	0.00	(0.01)	(0.01)	0.02	0.00
1935	Below Normal	0.00	(0.02)	0.00	0.00	0.00	0.00	(0.16)	(0.11)	(0.03)	0.04	0.05	(0.02)	(0.02)
1936	Below Normal	(0.03)	(0.08)	(0.11)	0.00	0.00	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	(0.02)
1937	Below Normal	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	(0.20)	(0.32)	(1.02)	0.76	0.11	0.10	0.10	0.09	0.11	(0.02)
1939	Dry	0.10	0.09	0.09	(0.01)	(0.14)	(0.59)	(1.02)	(1.56)	(1.61)	(2.39)	(2.28)	(2.12)	(0.95)
1940	Above Normal	(1.88)	(1.29)	(1.02)	(0.07)	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.01	(0.35)
1941	Wet	0.00	0.00	0.00	(0.01)	0.00	(0.05)	(0.04)	(0.05)	(0.06)	(0.06)	(0.05)	(0.05)	(0.03)
1942	Wet	(0.05)	(0.04)	(0.04)	0.02	0.01	(0.03)	0.00	(0.01)	(0.01)	0.00	0.00	0.00	(0.01)
1943	Wet	0.00	0.00	(0.01)	0.00	(0.10)	(0.10)	(0.07)	(0.09)	(0.10)	(0.09)	(0.09)	(0.09)	(0.06)
1944	Dry	(0.08)	(0.02)	(0.03)	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.13)	0.02	0.02	0.02	0.01	0.02	0.00
1946	Below Normal	0.02	0.01	0.02	(0.01)	(0.01)	(0.01)	(0.18)	(0.13)	(0.05)	0.04	0.04	(0.02)	(0.02)
1947	Dry	(0.04)	(0.09)	(0.12)	0.00	2.85	(2.29)	(0.51)	0.04	0.04	0.04	0.04	0.04	0.00
1948	Below Normal	0.04	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.01	0.01	0.01
1949	Dry	0.00	0.02	0.01	(0.01)	(0.01)	0.00	(0.11)	(0.09)	(0.04)	0.01	0.01	(0.03)	(0.02)
1950	Below Normal	(0.04)	(0.05)	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1951	Above Normal	0.00	0.00	0.00	0.00	(0.14)	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.00
1952	Wet	0.01	0.01	0.02	0.00	(0.01)	(0.02)	(0.02)	(2.56)	(2.57)	(2.49)	(2.36)	(2.56)	(1.05)
1953	Wet	(2.40)	(1.97)	(1.81)	1.38	5.90	2.57	0.03	0.48	0.46	0.32	0.37	0.44	0.48
1954	Above Normal	0.35	0.38	0.39	0.07	2.53	0.62	(0.09)	(0.09)	(0.09)	(0.10)	(0.06)	(0.06)	0.32
1955	Dry	(0.09)	(0.05)	(0.04)	0.01	0.04	0.08	0.14	0.21	0.27	0.31	0.30	0.28	0.12
1956	Wet	0.25	0.17	0.13	(11.05)	2.38	3.48	0.05	0.05	0.04	0.04	0.04	0.05	(0.36)
1957	Above Normal	0.05	0.03	0.03	0.00	0.01	(0.20)	0.01	0.00	0.00	0.01	0.00	0.00	0.00
1958	Wet	0.01	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1959	Below Normal	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.01	0.01	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.01	(0.39)	0.09	0.06	0.07	(0.01)
1962	Below Normal	0.00	0.10	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	(0.40)	0.08	0.08	0.07	(0.01)
1965	Wet	0.07	0.04	0.05	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01
1966	Below Normal	0.00	0.00	(0.01)	0.01	0.00	0.01	0.00	0.00	0.00	0.00	(0.01)	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	(0.01)	(0.20)	0.00	0.03	0.05	0.05	0.06	0.06	0.05	0.01
1969	Wet	0.05	0.03	0.03	(0.04)	0.00	(0.10)	(13.83)	0.01	0.01	0.02	0.01	0.02	(1.15)
1970	Wet	0.02	0.01	0.01	(0.23)	(0.21)	0.00	(0.16)	(0.10)	(0.10)	(0.10)	(0.10)	(0.10)	(0.09)
1971	Wet	(0.09)	(0.07)	(0.06)	0.05	0.05	0.29	0.09	0.07	0.03	(0.04)	(0.05)	(0.01)	0.02
1972	Below Normal	0.01	0.05	0.07	0.11	(0.09)	0.00	0.04	0.03	0.02	0.00	0.00	0.01	0.02
1973	Above Normal	0.01	0.02	0.02	(0.38)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1974	Wet	0.00	0.00	0.00	0.00	(0.03)	(0.03)	(0.03)	(0.04)	(0.04)	(0.05)	(0.04)	(0.04)	(0.02)
1975	Wet	(0.04)	(0.03)	(0.03)	0.12	0.04	(0.02)	(0.02)	(0.02)	(0.03)	(0.03)	(0.02)	(0.03)	(0.01)
1976	Critical	(0.03)	(0.02)	(0.02)	0.00	0.00	0.00	0.02	0.02	0.00	0.04	0.04	0.03	0.01
1977	Critical	0.04	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1978	Above Normal	0.40	(0.26)	(0.13)	0.00	0.00	(0.90)	(0.83)	(0.76)	(0.23)	0.37	0.36	(0.09)	(0.17)
1979	Below Normal	(0.21)	(0.54)	(0.73)	(0.01)	(0.02)	(0.51)	(0.51)	(0.61)	(0.63)	(0.60)	(0.58)	(0.62)	(0.46)
1980	Above Normal	(0.57)	(0.46)	(0.42)	(4.72)	7.82	1.36	(2.96)	(2.91)	(2.88)	(2.79)	(2.64)	(2.89)	(1.17)
1981	Dry	(2.72)	(2.25)	(2.09)	0.00	2.74	2.38	0.50	1.04	1.18	1.25	1.22	1.22	0.37
1982	Wet	1.07	0.83	0.71	0.11	0.19	(0.01)	0.00	(0.01)	0.00	(0.01)	0.00	(0.01)	0.24
1983	Wet	(0.01)	0.00	(8.42)	4.24	4.26	(11.59)	(14.51)	(15.28)	(14.87)	(0.96)	0.00	0.00	(4.76)
1984	Wet	0.00	0.00	0.00	(14.67)	(14.14)	(3.81)	0.00	0.00	0.00	0.00	0.00	0.00	(2.72)
1985	Dry	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
1986	Wet	0.00	0.00	0.00	0.00	(11.96)	7.03	4.05	0.09	0.09	0.09	0.09	0.08	(0.04)
1987	Dry	0.08	0.06	0.05	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)	0.01
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.05	0.05	0.05	0.02
1989	Dry	0.01	0.00	0.01	0.00	0.00	0.04	(0.12)	(0.07)	(0.02)	0.04	0.04	(0.01)	(0.01)
1990	Critical	(0.02)	(0.06)	(0.08)	0.00	0.01	0.02	0.02	0.04	0.04	0.06	0.05	0.05	0.01
1991	Critical	0.01	0.01	0.01	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	(0.08)	(0.09)	(0.10)	(0.11)	(0.09)	(0.04)
1993	Above Normal	(0.03)	(0.02)	(0.01)	0.00	(0.12)	0.03	0.05	0.03	0.01	(0.01)	(0.01)	0.01	(0.01)
1994	Critical	0.01	0.02	0.03	0.00	0.00	(0.01)	(0.01)	(0.02)	0.00	(0.02)	(0.02)	(0.02)	0.00
1995	Wet	0.00	(0.02)	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	(5.36)	2.57	0.02	0.00	0.00	(0.03)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.25)
1997	Wet	(0.04)	(0.03)	(0.02)	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	(0.01)	(0.01)
1998	Wet	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.08)	(0.08)	(0.08)	(0.07)	(0.08)	(0.03)
1999	Wet	(0.07)	0.00	(0.06)	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.01	(0.16)	(0.12)	(0.08)	(0.02)	0.04	0.04	(0.01)	(0.02)
2001	Dry	(0.01)	(0.06)	(0.08)	0.00	0.00	0.02	0.01	0.01	0.01	0.01	0.01	0.01	(0.01)
2002	Dry	0.01	0.00	0.03	0.00	0.00	0.00	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.02)	(0.01)
2003	Above Normal	(0.01)	(0.02)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	(0.07)	(0.13)	(0.13)	(0.31)	0.02	(0.04)	(0.36)	(0.27)	(0.27)	(0.08)	(0.07)	(0.08)	(0.15)
	Wet	(0.05)	(0.25)	(0.27)	(0.78)	(0.54)	(0.13)	(0.91)	(0.67)	(0.66)	(0.13)	(0.09)	(0.09)	(0.38)
	Above Normal	(0.14)	(0.14)	(0.10)	(0.43)	0.84	0.06	(0.33)	(0.32)	(0.27)	(0.21)	(0.19)	(0.25)	(0.12)
	Below Normal	(0.02)	(0.04)	(0.05)	0.01	(0.02)	(0.04)	(0.07)	(0.05)	(0.04)	(0.03)	(0.03)	(0.04)	(0.03)
	Dry	(0.15)	(0.13)	(0.12)	0.00	0.30	(0.02)	(0.06)	(0.02)	(0.05)	(0.03)	(0.03)	(0.03)	(0.03)
	Critical	0.00	(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 South Bay: Alternative1_2020 minus CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	1%
1935	Below Normal	0%	-1%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	0%
1936	Below Normal	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-12%	-3%	-5%	4%	1%	1%	1%	0%	1%
1939	Dry	1%	1%	1%	-1%	-6%	-5%	-9%	-15%	-12%	-15%	-15%	-15%
1940	Above Normal	-47%	-31%	-16%	-9%	1%	0%	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	0%	0%	0%	0%	-1%	-1%	0%	-1%	-1%	-1%	-1%	-1%
1944	Dry	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	0%
1947	Dry	-1%	-2%	-2%	0%	26%	-88%	-3%	0%	0%	0%	0%	0%
1948	Below Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	1%	0%	-1%	-1%	0%	-1%	-1%	0%	0%	0%	0%
1950	Below Normal	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	-15%	-14%	-14%	-14%	-15%
1953	Wet	-30%	-23%	-16%	13%	208%	23%	0%	6%	4%	2%	3%	4%
1954	Above Normal	20%	15%	8%	7%	45%	5%	-1%	-1%	-1%	-1%	0%	0%
1955	Dry	-3%	-1%	-1%	1%	3%	1%	1%	2%	2%	2%	2%	2%
1956	Wet	11%	6%	2%	-52%	14%	21%	0%	0%	0%	0%	0%	0%
1957	Above Normal	1%	0%	0%	0%	1%	-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%	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%	-18%	1%	0%	1%
1962	Below Normal	0%	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	1%	0%	0%	0%	0%	-3%	1%	1%	1%
1965	Wet	2%	1%	1%	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%	-1%	-7%	0%	0%	1%	0%	0%	0%	0%
1969	Wet	2%	1%	1%	0%	0%	-1%	-92%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	-2%	-2%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1971	Wet	-2%	-1%	-1%	0%	1%	2%	1%	1%	0%	0%	0%	0%
1972	Below Normal	0%	1%	1%	3%	-1%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	1%	0%	-10%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	-1%	0%	0%	2%	1%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-	-13%	-3%	0%	0%	-5%	-6%	-6%	-2%	3%	3%	-1%
1979	Below Normal	-4%	-9%	-8%	-1%	-1%	-3%	-3%	-4%	-4%	-4%	-4%	-4%
1980	Above Normal	-10%	-7%	-4%	-35%	66%	11%	-19%	-15%	-15%	-15%	-14%	-15%
1981	Dry	-29%	-22%	-17%	0%	138%	21%	5%	11%	10%	9%	9%	10%
1982	Wet	39%	25%	13%	1%	2%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	-41%	25%	36%	-100%	-99%	-87%	-81%	-5%	0%	0%
1984	Wet	0%	0%	0%	-81%	-95%	-26%	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%	-88%	50%	25%	0%	0%	0%	0%	0%
1987	Dry	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%
1989	Dry	1%	0%	3%	0%	0%	1%	-1%	-1%	0%	0%	0%	0%
1990	Critical	0%	-1%	-1%	0%	1%	0%	0%	1%	1%	1%	1%	1%
1991	Critical	1%	1%	2%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	-1%	-2%	-2%	-2%	-2%	-1%
1993	Above Normal	-2%	-2%	-2%	0%	-2%	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%	-58%	22%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	0%	-1%
1999	Wet	-1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	-1%	-1%	-1%	0%	0%	0%	0%
2001	Dry	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	1%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-1%	-1%	-1%	-2%	4%	-1%	-2%	-2%	-2%	0%	0%	0%
	Wet	1%	-2%	-1%	-4%	3%	-1%	-6%	-4%	-4%	-1%	-1%	0%
	Above Normal	-3%	-3%	-1%	-4%	9%	1%	-2%	-2%	-1%	-1%	-1%	-1%
	Below Normal	0%	-1%	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
	Dry	-2%	-1%	-1%	0%	9%	-4%	0%	0%	-1%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	87.18	57.23	131.51	65.35	52.77	82.34	20.96	18.13	112.99	121.99	121.99	118.05	990.49
1923	Below Normal	66.93	45.13	78.24	67.67	69.92	51.72	19.78	12.78	42.16	121.99	121.99	118.05	816.36
1924	Critical	53.58	42.01	47.83	48.27	35.92	5.48	5.30	8.93	4.83	85.04	5.48	9.14	351.81
1925	Dry	43.77	52.81	70.14	58.77	38.45	74.06	21.18	17.42	30.26	121.99	52.29	118.05	699.19
1926	Dry	50.11	42.92	52.51	58.78	28.47	5.48	21.67	15.75	46.48	121.99	56.30	70.03	570.49
1927	Wet	27.82	118.05	68.27	43.32	65.01	67.44	17.71	12.78	50.86	121.99	121.99	117.43	832.67
1928	Above Normal	57.62	43.29	129.98	63.18	37.07	72.07	19.62	12.78	45.20	112.85	121.99	118.05	833.70
1929	Critical	64.41	28.06	89.19	60.18	54.14	52.69	29.87	5.48	5.30	5.48	12.82	10.23	417.85
1930	Dry	19.31	21.00	57.69	43.96	41.33	54.73	25.00	21.64	37.24	121.99	67.68	118.05	629.62
1931	Critical	29.61	27.65	26.19	59.63	38.17	17.59	5.30	5.48	5.30	45.90	5.48	7.00	273.30
1932	Dry	16.98	30.61	130.94	62.37	109.84	72.55	13.09	12.78	31.59	61.74	86.27	48.96	677.72
1933	Critical	36.20	30.07	61.05	107.67	91.79	31.23	15.54	12.78	5.30	49.67	20.57	9.11	470.98
1934	Critical	18.11	27.06	84.71	108.52	72.64	26.54	5.30	12.86	5.30	5.48	5.48	9.01	381.01
1935	Below Normal	41.55	53.90	73.58	74.15	81.72	63.59	18.22	12.78	42.12	121.99	121.99	118.05	823.64
1936	Below Normal	73.70	58.28	74.54	46.98	144.14	131.57	21.03	12.78	49.72	121.99	121.99	118.05	974.77
1937	Below Normal	82.47	47.08	122.33	82.32	133.66	111.60	27.88	20.01	86.81	121.99	121.99	58.57	1,016.71
1938	Wet	69.80	118.05	104.67	135.16	140.20	138.07	44.83	112.80	118.05	121.99	121.99	112.79	1,338.40
1939	Dry	57.49	5.30	129.89	62.25	48.16	32.24	17.10	19.63	5.30	121.99	70.98	76.16	646.49
1940	Above Normal	22.23	16.75	63.83	47.45	56.57	97.86	23.18	12.80	48.50	114.01	121.99	118.05	743.22
1941	Wet	52.83	24.50	76.54	72.49	140.20	138.07	28.25	24.65	70.72	121.99	121.99	107.02	979.25
1942	Wet	41.47	5.30	77.34	84.72	84.24	90.50	25.27	22.28	70.35	121.99	121.99	108.03	853.48
1943	Wet	51.12	5.30	73.65	94.33	98.64	138.07	25.13	14.52	51.08	121.70	121.99	112.56	908.09
1944	Dry	48.50	5.30	130.10	62.19	62.87	44.28	18.66	12.78	35.14	121.99	73.94	43.05	658.80
1945	Below Normal	37.49	118.05	69.63	62.65	64.31	122.22	18.39	12.78	36.52	121.99	121.99	118.05	904.07
1946	Below Normal	84.42	118.05	101.07	73.84	50.99	74.58	14.89	12.78	24.34	121.65	121.99	118.05	916.65
1947	Dry	66.82	70.90	85.48	55.27	58.04	24.35	15.91	12.78	29.82	121.99	66.94	118.05	726.35
1948	Below Normal	74.80	62.61	44.21	37.07	6.56	46.18	12.72	12.78	47.34	121.99	121.99	118.05	706.30
1949	Dry	52.04	46.42	78.18	58.85	54.74	35.25	12.37	12.78	30.63	121.99	53.42	118.05	674.72
1950	Below Normal	17.97	31.24	40.03	39.60	42.39	62.73	15.08	12.78	32.86	121.99	121.99	118.05	656.71
1951	Above Normal	90.37	118.05	140.22	130.18	110.66	121.60	17.00	12.78	47.61	106.44	121.99	115.85	1,132.75
1952	Wet	55.50	70.61	71.79	86.76	66.44	138.07	29.83	38.63	104.02	121.99	121.99	118.05	1,023.68
1953	Wet	50.96	5.30	130.01	57.99	63.18	67.48	18.21	15.32	34.25	121.99	121.99	118.05	804.73
1954	Above Normal	37.45	5.30	75.67	38.01	41.22	62.93	16.56	12.78	46.33	105.65	121.99	118.05	681.94
1955	Dry	48.53	56.76	128.60	65.51	50.60	42.85	16.70	12.78	5.30	121.99	60.27	54.47	664.36
1956	Wet	35.06	69.66	109.29	155.23	115.36	124.03	17.74	18.48	76.45	121.99	121.99	112.35	1,077.63
1957	Above Normal	48.49	5.30	128.81	60.30	30.88	53.32	18.33	14.94	32.88	120.54	121.99	118.05	753.83
1958	Wet	118.83	42.47	67.55	46.67	67.30	130.13	43.89	31.77	92.23	121.99	121.99	118.05	1,002.87
1959	Below Normal	68.14	5.30	129.52	40.05	49.83	64.28	21.53	16.66	29.40	121.99	121.99	118.05	786.74
1960	Dry	47.77	39.06	36.14	59.36	38.12	44.43	9.91	21.53	26.79	121.99	95.99	118.05	659.14
1961	Dry	24.61	71.77	127.92	60.61	33.13	60.25	15.50	15.03	1.08	113.24	36.98	43.14	603.26
1962	Below Normal	6.08	47.66	54.47	47.09	51.99	69.81	19.44	12.78	30.06	120.48	121.99	118.05	699.90
1963	Wet	121.99	118.05	65.01	44.24	47.89	65.31	16.38	12.78	35.67	121.99	121.99	118.05	889.35
1964	Dry	64.07	75.53	93.77	61.85	46.16	39.55	14.17	12.78	5.30	121.99	53.85	118.05	707.07
1965	Wet	48.76	55.94	73.20	95.94	72.38	83.18	22.41	12.78	50.46	121.63	121.99	115.44	874.11
1966	Below Normal	33.24	70.09	137.18	71.47	65.41	54.75	16.31	12.78	29.78	121.68	121.99	118.05	852.73
1967	Wet	51.13	66.87	71.54	68.43	59.77	77.12	37.36	32.64	118.05	121.99	121.99	118.05	944.94
1968	Below Normal	70.23	5.30	128.90	62.32	38.80	63.42	20.78	17.61	29.35	119.68	121.99	118.05	796.43
1969	Wet	48.27	72.78	128.95	77.24	119.88	81.55	86.46	105.07	118.05	121.99	121.99	110.58	1,192.81
1970	Wet	72.69	5.30	75.33	155.23	88.43	116.38	14.09	12.78	32.56	121.99	121.99	82.55	899.32
1971	Wet	48.50	98.34	72.53	60.72	55.53	71.05	18.68	15.04	46.80	121.99	121.99	117.04	848.21
1972	Below Normal	51.14	5.30	128.83	58.35	30.82	42.79	20.06	12.78	29.07	121.99	121.99	118.05	741.17
1973	Above Normal	67.04	118.05	69.47	53.24	71.82	74.65	17.22	12.78	50.43	121.99	121.99	111.94	890.62
1974	Wet	82.16	118.05	80.90	79.42	64.35	91.95	20.39	12.78	62.21	121.99	121.99	118.05	974.24
1975	Wet	77.55	5.30	130.54	61.70	51.99	102.01	18.11	12.78	68.04	121.99	121.99	118.05	890.05
1976	Critical	86.64	5.30	129.02	55.28	38.33	49.19	21.99	20.38	4.93	115.82	74.08	118.05	719.01
1977	Critical	39.64	26.07	21.29	30.89	13.24	5.64	5.30	10.93	1.05	5.48	5.48	24.80	189.81
1978	Above Normal	5.48	34.60	51.37	52.50	80.36	90.35	30.38	26.68	77.83	121.99	121.99	118.05	811.58
1979	Below Normal	54.66	30.11	124.96	71.49	86.11	87.83	17.86	20.49	48.86	121.99	121.99	118.05	904.40
1980	Above Normal	82.80	61.41	129.40	90.58	79.70	84.55	19.81	18.22	78.29	121.99	121.99	118.05	1,006.79
1981	Dry	66.11	6.00	129.42	62.48	56.26	44.38	23.31	18.48	29.16	121.99	91.35	93.86	742.80
1982	Wet	51.15	118.05	67.34	68.71	131.06	138.07	108.25	44.08	86.04	121.99	121.99	118.05	1,174.78
1983	Wet	121.99	118.05	140.22	69.61	61.29	70.59	77.32	79.55	90.99	93.10	121.99	107.94	1,152.64
1984	Wet	121.99	118.05	126.73	119.29	113.03	121.60	18.27	12.78	50.52	116.83	121.99	81.15	1,122.23
1985	Dry	74.50	118.05	128.71	62.37	58.06	53.24	20.88	16.27	29.62	121.99	62.39	118.05	864.13
1986	Wet	77.50	93.17	78.14	39.35	131.70	91.37	30.34	23.92	65.95	121.99	121.99	118.05	993.47
1987	Dry	63.45	5.30	129.51	60.33	55.25	42.86	10.89	32.35	28.81	16.69	10.45	37.30	493.19
1988	Critical	6.59	15.60	60.67	43.49	6.24	30.34	18.65	17.10	5.30	75.47	5.48	20.79	305.72
1989	Dry	5.48	58.87	51.50	58.05	13.48	22.07	21.75	16.90	41.69	113.55	70.15	118.05	591.54
1990	Critical	73.73	42.33	85.57	56.53	38.20	18.48	5.30	15.49	3.92	117.10	5.48	31.59	493.72
1991	Critical	5.48	14.05	18.03	11.70	23.16	23.66	19.03	14.96	36.49	86.57	5.48	10.74	269.35
1992	Critical	17.25	5.30	31.27	20.49	28.87	43.63	12.37	12.78	35.05	7.61	5.48	37.22	257.32
1993	Above Normal	5.48	9.12	66.11	59.08	67.90	71.61	12.37	12.78	66.02	121.99	121.99	118.05	732.50
1994	Critical	60.56	5.30	113.14	58.47	55.01	42.04	16.42	17.81	4.18	113.10	52.72	56.94	595.69
1995	Wet	11.38	37.94	66.14	54.99	59.88	138.07	32.00	112.80	105.99	121.99	121.99	118.05	981.22
1996	Wet	29.17	5.30	67.62	51.78	131.88	119.97	21.27	17.40	60.24	121.99	121.99	118.05	866.66
1997	Wet	26.70	9.74	140.22	155.23	140.20	131.52	15.27	14.31	28.81	110.87	121.99	118.05	1,012.91
1998	Wet	36.54	17.49	128.99	55.02	140.20	138.07	35.61	35.75	118.05	121.99	121.99	118.05	1,067.75
1999	Wet	121.99	118.05	73.62	74.81	109.68	89.84	15.89	12.78	50.77	121.67	121.99	51.38	962.47
2000	Above Normal	38.86	5.30	127.91	41.31	92.26	103.26	15.74	12.78	45.82	110.57	121.99	118.05	833.85
2001	Dry	45.89	5.30	128.21	63.18	50.02	52.87	18.14	13.06	28.56	66.17	5.48	53.09	529.97
2002	Dry	5.48	59.20	71.80	48.75	62.95	47.33	14.78	12.78	29.60	121.99	25.97	104.86	605.49
2003	Above Normal	5.48	31.73	70.45	42.04	55.44	61.06	12.37	12.78	42.22	120.12	121.99	118.05	693.73
	Average	51.91	47.32	90.08	66.01	67.25	72.21	21.93	20.69	45.11	108.53	92.54	94.96	778.53
	Wet	63.57	62.91	91.01	81.09	93.07	106.14	32.27	33.13	71.43	120.22	121.99	110.42	987.23
	Above Normal	45.71	42.18	98.73	61.94	64.72	81.30	18.63	15.02	57.84	116.68	121.99	117.36	842.08
	Below Normal	54.49	49.86	93.39	59.65	65.48	74.79	18.86	14.47	39.89	121.67	121.99	113.80	828.33
	Dry	44.50	42.84	97.81	59.16	50.33	44.04	17.28	16.53	26.24	108.74	57.82	87.18	652.46
	Critical	40.98	22.40	64.00	55.09	41.31	28.88	13.36	12.92	9.75	59.39	17.00	28.72	393.80

Energy Use (GWh) At Pumping Plant at SWP Banks: Alternative1_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	87.18	57.23	131.51	65.35	52.79	82.30	20.96	18.13	112.99	121.99	121.99	118.05	990.47
1923	Below Normal	66.92	45.13	78.24	66.77	69.74	51.72	19.78	12.78	42.43	121.99	121.99	118.05	815.54
1924	Critical	53.59	42.01	47.84	48.27	35.92	5.48	5.30	8.74	4.83	85.05	5.48	9.06	351.57
1925	Dry	43.67	52.76	70.12	58.77	38.45	74.10	21.18	17.42	30.21	121.99	52.34	118.05	699.06
1926	Dry	50.14	42.94	52.48	58.78	28.47	5.48	21.67	15.75	46.57	121.99	56.55	69.59	570.41
1927	Wet	27.80	118.05	68.27	43.32	65.01	67.44	17.71	12.78	50.86	121.99	121.99	117.42	832.64
1928	Above Normal	57.60	43.27	129.98	63.18	37.07	72.07	19.62	12.78	45.20	112.84	121.99	118.05	833.65
1929	Critical	64.40	28.04	89.16	60.18	54.14	52.69	29.87	5.48	5.30	5.48	12.81	10.22	417.77
1930	Dry	19.29	20.97	57.68	43.96	41.33	54.75	25.00	21.64	37.28	121.99	67.68	118.05	629.62
1931	Critical	29.61	27.63	26.17	59.63	38.16	17.58	5.30	5.48	5.30	45.75	5.48	6.98	273.07
1932	Dry	16.95	30.59	130.94	62.37	109.96	74.12	13.09	12.78	31.59	61.73	86.28	48.96	679.36
1933	Critical	36.20	30.07	59.47	107.68	91.80	31.23	15.54	12.78	5.30	49.46	20.53	9.08	469.14
1934	Critical	18.09	27.04	84.76	108.52	72.64	26.51	5.30	12.87	5.30	5.48	5.48	9.01	381.00
1935	Below Normal	41.49	53.98	73.52	71.81	81.72	63.59	18.22	12.78	42.12	121.99	121.99	118.05	821.26
1936	Below Normal	72.88	58.25	73.81	46.33	144.14	129.65	21.03	12.78	49.72	121.99	121.99	118.05	970.62
1937	Below Normal	82.44	47.06	122.41	82.41	133.64	111.60	22.93	18.17	87.77	121.99	121.99	58.57	1,010.98
1938	Wet	68.33	118.05	91.95	130.17	140.20	138.07	37.68	46.60	116.20	121.99	121.99	112.78	1,244.01
1939	Dry	58.35	5.30	129.89	62.25	48.20	32.24	28.96	19.61	5.30	121.99	71.50	67.16	650.75
1940	Above Normal	23.99	16.70	63.81	47.55	56.56	97.86	23.18	12.80	48.50	113.95	121.99	118.05	744.94
1941	Wet	52.85	24.50	76.54	72.49	137.68	138.07	28.25	24.65	70.72	121.99	121.99	107.00	976.73
1942	Wet	42.00	5.30	77.34	84.67	82.87	90.50	25.27	22.28	70.35	121.99	121.99	108.02	852.58
1943	Wet	51.11	5.30	73.65	87.37	99.07	138.07	25.13	14.52	43.45	121.70	121.99	111.85	893.21
1944	Dry	50.39	5.30	130.10	62.19	62.87	44.28	18.66	12.78	33.01	121.99	75.15	43.00	659.72
1945	Below Normal	37.46	118.05	69.63	62.65	59.86	113.03	18.39	12.78	36.52	121.99	121.99	118.05	890.40
1946	Below Normal	84.51	118.05	101.07	73.84	50.99	72.36	14.89	12.78	26.67	121.65	121.99	118.05	916.85
1947	Dry	65.84	70.91	85.54	55.25	58.04	24.35	15.91	12.78	29.82	121.99	66.35	118.05	724.83
1948	Below Normal	73.17	62.61	44.24	37.07	6.95	46.18	12.72	12.78	47.34	121.99	121.99	118.05	705.09
1949	Dry	52.10	46.15	77.76	58.85	54.74	35.25	12.37	12.78	30.63	121.99	53.31	118.05	673.98
1950	Below Normal	17.95	31.23	40.04	39.60	42.39	62.73	15.08	12.78	32.86	121.99	121.99	118.05	656.69
1951	Above Normal	90.37	118.05	128.61	141.67	110.61	121.61	17.00	12.78	47.61	106.44	121.99	116.49	1,133.23
1952	Wet	55.49	70.61	71.79	85.45	66.51	138.07	28.67	36.38	95.49	121.99	121.99	118.05	1,010.49
1953	Wet	51.25	5.30	130.01	49.75	63.18	67.48	18.21	15.32	34.25	121.99	121.99	118.05	796.78
1954	Above Normal	37.61	5.30	81.02	38.01	41.22	62.93	16.56	12.78	46.33	105.62	121.99	118.05	687.42
1955	Dry	47.71	56.76	128.60	65.51	50.44	42.85	16.70	12.78	5.30	121.99	60.98	59.25	668.87
1956	Wet	29.71	69.63	94.75	155.23	116.87	125.35	17.74	18.48	76.45	121.99	121.99	112.35	1,060.54
1957	Above Normal	48.48	5.30	128.81	60.30	30.88	53.32	18.33	14.94	32.88	120.54	121.99	118.05	753.82
1958	Wet	118.79	42.41	67.55	46.67	67.30	130.13	42.93	31.76	92.22	121.99	121.99	118.05	1,001.79
1959	Below Normal	68.42	5.30	129.52	40.05	49.83	64.25	21.53	16.66	29.40	121.99	121.99	118.05	786.99
1960	Dry	47.77	39.06	36.15	59.36	38.12	44.43	9.95	21.53	26.79	121.99	96.16	118.05	659.36
1961	Dry	24.56	71.78	127.92	60.61	33.13	60.25	15.50	15.03	1.09	113.03	37.10	43.16	603.16
1962	Below Normal	6.06	47.63	54.43	47.09	51.99	69.81	19.44	12.78	30.06	120.48	121.99	118.05	699.81
1963	Wet	121.99	118.05	65.01	44.24	47.89	65.31	16.38	12.78	35.83	121.99	121.99	118.05	889.51
1964	Dry	64.07	75.53	93.76	61.85	46.16	39.54	14.17	12.78	5.30	121.99	53.84	118.05	707.04
1965	Wet	48.64	55.94	73.20	95.83	72.38	83.18	22.41	12.78	50.46	121.63	121.99	115.47	873.91
1966	Below Normal	33.26	70.08	137.18	71.47	65.41	54.75	16.31	12.78	29.78	121.68	121.99	118.05	852.74
1967	Wet	51.14	66.87	71.54	68.43	59.77	77.12	35.98	31.07	116.01	121.99	121.99	118.05	939.96
1968	Below Normal	66.92	5.30	128.90	62.32	38.80	63.42	20.78	17.61	29.35	119.68	121.99	118.05	793.12
1969	Wet	48.46	72.75	128.95	69.63	128.46	81.52	42.93	112.80	118.05	121.99	121.99	111.95	1,159.48
1970	Wet	70.94	5.30	75.33	155.23	88.43	118.80	14.09	12.78	32.56	121.99	121.99	87.11	904.55
1971	Wet	48.44	98.33	72.53	60.72	55.53	71.05	18.68	15.04	46.80	121.99	121.99	117.06	848.16
1972	Below Normal	51.25	5.30	128.83	58.35	30.82	42.79	20.06	12.78	29.07	121.99	121.99	118.05	741.28
1973	Above Normal	67.03	118.05	69.47	53.24	71.82	74.65	17.22	12.78	50.43	121.99	121.99	111.95	890.62
1974	Wet	82.16	118.05	80.90	77.45	64.35	91.95	20.39	12.78	62.21	121.99	121.99	118.05	972.27
1975	Wet	77.54	5.30	130.54	61.70	51.99	101.49	18.11	12.78	68.04	121.99	121.99	118.05	889.52
1976	Critical	86.62	5.30	129.02	55.27	38.32	49.19	21.99	20.38	4.92	116.04	74.06	118.05	719.16
1977	Critical	39.38	26.05	21.29	30.85	13.23	5.63	5.30	10.88	1.05	5.48	5.48	24.82	189.44
1978	Above Normal	5.48	34.58	51.29	52.50	70.64	81.52	27.59	21.81	74.30	121.99	121.99	118.05	781.74
1979	Below Normal	54.56	30.04	104.03	71.57	85.03	86.23	17.85	20.49	49.02	121.99	121.99	118.05	880.85
1980	Above Normal	79.06	70.73	129.40	81.66	82.39	84.85	19.81	18.22	78.28	121.99	121.99	97.95	986.33
1981	Dry	65.68	6.32	129.42	62.48	56.26	44.38	23.31	18.48	29.16	121.99	95.79	94.41	747.68
1982	Wet	52.15	118.05	67.34	68.71	131.06	138.07	108.25	38.64	86.04	121.99	121.99	118.05	1,170.34
1983	Wet	121.99	118.05	140.22	73.34	62.88	66.27	71.91	68.50	82.04	92.74	121.99	107.94	1,127.87
1984	Wet	121.99	118.05	126.73	113.82	107.76	120.18	18.27	12.78	50.52	116.83	121.99	81.15	1,110.07
1985	Dry	74.49	118.05	128.71	62.37	58.06	53.24	20.88	16.27	29.62	121.99	62.38	118.05	864.11
1986	Wet	77.51	93.17	78.14	39.35	102.22	111.45	30.34	23.92	65.95	121.99	121.99	118.05	984.08
1987	Dry	63.44	5.30	129.51	60.33	55.25	42.86	10.91	32.35	29.74	16.72	10.68	37.25	494.34
1988	Critical	6.62	15.60	60.67	43.49	6.24	30.34	18.65	17.10	5.30	74.45	5.48	20.79	304.73
1989	Dry	5.48	58.78	51.52	58.05	13.47	22.07	21.75	16.90	41.69	113.57	68.80	118.05	590.13
1990	Critical	73.92	42.31	85.55	56.53	38.19	18.48	5.30	15.49	3.92	117.10	5.48	32.02	494.29
1991	Critical	5.48	14.12	17.91	11.40	23.16	23.66	19.03	14.96	36.45	86.72	5.48	10.72	269.09
1992	Critical	17.14	5.30	31.23	20.08	28.87	43.63	12.37	12.78	26.03	16.56	5.48	37.15	256.62
1993	Above Normal	5.48	9.09	66.10	59.08	67.90	71.57	12.37	12.78	66.02	121.99	121.99	118.05	732.42
1994	Critical	60.56	5.30	113.88	58.47	55.01	42.04	16.42	17.82	4.18	112.87	52.57	56.94	596.06
1995	Wet	11.28	37.88	66.16	54.99	59.88	138.07	28.75	46.44	104.18	121.99	121.99	118.05	909.66
1996	Wet	29.15	5.30	67.62	51.78	131.88	118.43	21.27	17.40	60.23	121.99	121.99	118.05	865.09
1997	Wet	26.69	9.42	140.22	155.23	140.20	130.60	15.27	14.31	27.80	111.50	121.99	118.05	1,011.28
1998	Wet	36.52	17.47	128.99	55.02	140.20	138.07	33.39	34.01	118.05	121.99	121.99	118.05	1,063.75
1999	Wet	121.99	118.05	73.62	74.81	109.68	89.84	15.89	12.78	50.77	121.67	121.99	51.37	962.46
2000	Above Normal	38.86	5.30	127.91	41.31	90.22	102.40	15.74	12.78	45.82	110.57	121.99	118.05	830.95
2001	Dry	45.88	5.30	125.83	63.18	50.02	52.87	18.14	13.06	28.56	67.80	5.48	53.08	529.20
2002	Dry	5.48	59.23	71.80	48.75	62.94	47.33	14.78	12.78	29.60	121.99	25.97	105.55	606.20
2003	Above Normal	5.48	31.73	70.45	42.04	55.44	61.06	12.37	12.78	42.22	120.11	121.99	118.05	693.72
	Average	51.74	47.42	89.36	65.58	66.75	72.12	21.18	18.81	44.60	108.64	92.61	94.74	773.56
	Wet	63.30	62.89	89.96	79.82	92.05	106.71	29.77	27.48	70.21	120.23	121.99	110.62	975.03
	Above Normal	45.55	42.94	98.20	62.16	63.96	80.51	18.40	14.61	57.55	116.67	121.99	115.74	838.28
	Below Normal	54.09	49.86	91.85	59.38	65.09	73.72	18.50	14.34	40.15	121.67	121.99	113.80	824.44
	Dry	44.52	42.84	97.65	59.16	50.33	44.13	17.94	16.53	26.18	108.82	58.13	86.99	653.21
	Critical	40.97	22.40	63.91	55.03	41.31	28.87	13.36	12.90	8.99	60.04	16.98	28.74	393.50

Difference in Energy Use (GWh) At Pumping Plant at SWP Banks: Alternative1_2020 minus CONV_NA

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	0.02	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	(0.01)	0.00	0.00	(0.90)	(0.18)	0.00	0.00	0.00	0.27	0.00	0.00	0.00	(0.07)
1924	Critical	0.01	0.00	0.01	0.00	0.00	0.00	0.00	(0.19)	0.00	0.01	0.00	(0.08)	(0.02)
1925	Dry	(0.10)	(0.05)	(0.02)	0.00	0.00	0.04	0.00	0.00	(0.05)	0.00	0.05	0.00	(0.01)
1926	Dry	0.03	0.02	(0.03)	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.25	(0.44)	(0.01)
1927	Wet	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1928	Above Normal	(0.02)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1929	Critical	(0.01)	(0.02)	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)
1930	Dry	(0.02)	(0.03)	(0.01)	0.00	0.00	0.02	0.00	0.00	0.04	0.00	0.00	0.00	0.00
1931	Critical	0.00	(0.02)	(0.02)	0.00	(0.01)	(0.01)	0.00	0.00	0.00	(0.15)	0.00	(0.02)	(0.02)
1932	Dry	(0.03)	(0.02)	0.00	0.00	0.12	1.57	0.00	0.00	0.00	(0.01)	0.01	0.00	0.14
1933	Critical	0.00	0.00	(1.58)	0.01	0.01	0.00	0.00	0.00	0.00	(0.21)	(0.04)	(0.03)	(0.15)
1934	Critical	(0.02)	(0.02)	0.05	0.00	0.00	(0.03)	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	(0.06)	0.08	(0.06)	(2.34)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.20)
1936	Below Normal	(0.82)	(0.03)	(0.73)	(0.65)	0.00	(1.92)	0.00	0.00	0.00	0.00	0.00	0.00	(0.35)
1937	Below Normal	(0.03)	(0.02)	0.08	0.09	(0.02)	0.00	(4.95)	(1.84)	0.96	0.00	0.00	0.00	(0.48)
1938	Wet	(1.47)	0.00	(12.72)	(4.99)	0.00	0.00	(7.15)	(66.20)	(1.85)	0.00	0.00	(0.01)	(7.87)
1939	Dry	0.86	0.00	0.00	0.00	0.04	0.00	11.86	(0.02)	0.00	0.00	0.52	(9.00)	0.36
1940	Above Normal	1.76	(0.05)	(0.02)	0.10	(0.01)	0.00	0.00	0.00	0.00	(0.06)	0.00	0.00	0.14
1941	Wet	0.02	0.00	0.00	0.00	(2.52)	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.21)
1942	Wet	0.53	0.00	0.00	(0.05)	(1.37)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.07)
1943	Wet	(0.01)	0.00	0.00	(6.96)	0.43	0.00	0.00	0.00	(7.63)	0.00	0.00	(0.71)	(1.24)
1944	Dry	1.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(2.13)	0.00	1.21	(0.05)	0.08
1945	Below Normal	(0.03)	0.00	0.00	0.00	(4.45)	(9.19)	0.00	0.00	0.00	0.00	0.00	0.00	(1.14)
1946	Below Normal	0.09	0.00	0.00	0.00	0.00	(2.22)	0.00	0.00	2.33	0.00	0.00	0.00	0.02
1947	Dry	(0.98)	0.01	0.06	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	(0.59)	0.00	(0.13)
1948	Below Normal	(1.63)	0.00	0.03	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)
1949	Dry	0.06	(0.27)	(0.42)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.11)	0.00	(0.06)
1950	Below Normal	(0.02)	(0.01)	0.01	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	(11.61)	11.49	(0.05)	0.01	0.00	0.00	0.00	0.00	0.00	0.64	0.04
1952	Wet	(0.01)	0.00	0.00	(1.31)	0.07	0.00	(1.16)	(2.25)	(8.53)	0.00	0.00	0.00	(1.10)
1953	Wet	0.29	0.00	0.00	(8.24)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.66)
1954	Above Normal	0.16	0.00	5.35	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	0.00	0.00	0.46
1955	Dry	(0.82)	0.00	0.00	0.00	(0.16)	0.00	0.00	0.00	0.00	0.00	0.71	4.78	0.38
1956	Wet	(5.35)	(0.03)	(14.54)	0.00	1.51	1.32	0.00	0.00	0.00	0.00	0.00	0.00	(1.42)
1957	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	(0.04)	(0.06)	0.00	0.00	0.00	0.00	(0.96)	(0.01)	(0.01)	0.00	0.00	0.00	(0.09)
1959	Below Normal	0.28	0.00	0.00	0.00	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1960	Dry	0.00	0.00	0.01	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.17	0.00	0.02
1961	Dry	(0.05)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.21)	0.12	0.02	(0.01)
1962	Below Normal	(0.02)	(0.03)	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.01
1964	Dry	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1965	Wet	(0.12)	0.00	0.00	(0.11)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	(0.02)
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	0.01	0.00	0.00	0.00	0.00	0.00	(1.38)	(1.57)	(2.04)	0.00	0.00	0.00	(0.42)
1968	Below Normal	(3.31)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.28)
1969	Wet	0.19	(0.03)	0.00	(7.61)	8.58	(0.03)	(43.53)	7.73	0.00	0.00	0.00	1.37	(2.78)
1970	Wet	(1.75)	0.00	0.00	0.00	0.00	2.42	0.00	0.00	0.00	0.00	0.00	4.56	0.44
1971	Wet	(0.06)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
1972	Below Normal	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1973	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1974	Wet	0.00	0.00	0.00	(1.97)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.16)
1975	Wet	(0.01)	0.00	0.00	0.00	0.00	(0.52)	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1976	Critical	(0.02)	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	(0.01)	0.22	(0.02)	0.00	0.01
1977	Critical	(0.26)	(0.02)	0.00	(0.04)	(0.01)	(0.01)	0.00	(0.05)	0.00	0.00	0.00	0.02	(0.03)
1978	Above Normal	0.00	(0.02)	(0.08)	0.00	(9.72)	(8.83)	(2.79)	(4.87)	(3.53)	0.00	0.00	0.00	(2.49)
1979	Below Normal	(0.10)	(0.07)	(20.93)	0.08	(1.08)	(1.60)	(0.01)	0.00	0.16	0.00	0.00	0.00	(1.96)
1980	Above Normal	(3.74)	9.32	0.00	(8.92)	2.69	0.30	0.00	0.00	(0.01)	0.00	0.00	(20.10)	(1.71)
1981	Dry	(0.43)	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.44	0.55	0.41
1982	Wet	1.00	0.00	0.00	0.00	0.00	0.00	0.00	(5.44)	0.00	0.00	0.00	0.00	(0.37)
1983	Wet	0.00	0.00	0.00	3.73	1.59	(4.32)	(5.41)	(11.05)	(8.95)	(0.36)	0.00	0.00	(2.06)
1984	Wet	0.00	0.00	0.00	(5.47)	(5.27)	(1.42)	0.00	0.00	0.00	0.00	0.00	0.00	(1.01)
1985	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1986	Wet	0.01	0.00	0.00	0.00	(29.48)	20.08	0.00	0.00	0.00	0.00	0.00	0.00	(0.78)
1987	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.93	0.03	0.23	(0.05)	0.10
1988	Critical	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.02)	0.00	0.00	(0.08)
1989	Dry	0.00	(0.09)	0.02	0.00	(0.01)	0.00	0.00	0.00	0.00	0.02	(1.35)	0.00	(0.12)
1990	Critical	0.19	(0.02)	(0.02)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.05
1991	Critical	0.00	0.07	(0.12)	(0.30)	0.00	0.00	0.00	0.00	(0.04)	0.15	0.00	(0.02)	(0.02)
1992	Critical	(0.11)	0.00	(0.04)	(0.41)	0.00	0.00	0.00	0.00	(9.02)	8.95	0.00	(0.07)	(0.06)
1993	Above Normal	0.00	(0.03)	(0.01)	0.00	0.00	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1994	Critical	0.00	0.00	0.74	0.00	0.00	0.00	0.00	0.01	0.00	(0.23)	(0.15)	0.00	0.03
1995	Wet	(0.10)	(0.06)	0.02	0.00	0.00	0.00	(3.25)	(66.36)	(1.81)	0.00	0.00	0.00	(5.96)
1996	Wet	(0.02)	0.00	0.00	0.00	0.00	(1.54)	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.13)
1997	Wet	(0.01)	(0.32)	0.00	0.00	0.00	(0.92)	0.00	0.00	(1.01)	0.63	0.00	0.00	(0.14)
1998	Wet	(0.02)	(0.02)	0.00	0.00	0.00	0.00	(2.22)	(1.74)	0.00	0.00	0.00	0.00	(0.33)
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	(2.04)	(0.86)	0.00	0.00	0.00	0.00	0.00	0.00	(0.24)
2001	Dry	(0.01)	0.00	(2.38)	0.00	0.00	0.00	0.00	0.00	0.00	1.63	0.00	(0.01)	(0.06)
2002	Dry	0.00	0.03	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.06
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
	Average	(0.17)	0.10	(0.72)	(0.42)	(0.50)	(0.09)	(0.74)	(1.88)	(0.51)	0.11	0.07	(0.21)	(0.41)
	Wet	(0.27)	(0.02)	(1.05)	(1.27)	(1.02)	0.58	(2.50)	(5.65)	(1.22)	0.01	0.00	0.20	(1.02)
	Above Normal	(0.16)	0.77	(0.53)	0.22	(0.76)	(0.79)	(0.23)	(0.41)	(0.30)	(0.01)	0.00	(1.62)	(0.32)
	Below Normal	(0.40)	(0.01)	(1.55)	(0.27)	(0.38)	(1.07)	(0.35)	(0.13)	0.27	0.00	0.00	0.00	(0.32)
	Dry	0.02	(0.00)	(0.15)	(0.00)	(0.00)	0.09	0.66	(0.00)	(0.06)	0.08	0.31	(0.20)	0.06
	Critical	(0.02)	(0.00)	(0.08)	(0.06)	(0.00)	(0.00)	0.00	(0.02)	(0.76)	0.64	(0.02)	0.02	(0.03)

Percent Difference in Energy Use (GWh) At Pumping Plant at SWP Banks: Alternative1_2020 minus CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September
1922	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	1%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	-1%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	-3%	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%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	-1%	0%	-1%	-1%	0%	-1%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	-18%	-9%	1%	0%	0%	0%
1938	Wet	-2%	0%	-12%	-4%	0%	0%	-16%	-59%	-2%	0%	0%	0%
1939	Dry	1%	0%	0%	0%	0%	0%	69%	0%	0%	0%	1%	-12%
1940	Above Normal	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	1%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-7%	0%	0%	0%	0%	-15%	0%	0%	-1%
1944	Dry	4%	0%	0%	0%	0%	0%	0%	0%	-6%	0%	2%	0%
1945	Below Normal	0%	0%	0%	0%	-7%	-8%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	-3%	0%	0%	10%	0%	0%	0%
1947	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1948	Below Normal	-2%	0%	0%	0%	6%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	-1%	-1%	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%	-8%	9%	0%	0%	0%	0%	0%	0%	0%	1%
1952	Wet	0%	0%	0%	-2%	0%	0%	-4%	-6%	-8%	0%	0%	0%
1953	Wet	1%	0%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	9%
1956	Wet	-15%	0%	-13%	0%	1%	1%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	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%	1%	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%	-4%	-5%	-2%	0%	0%	0%
1968	Below Normal	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-10%	7%	0%	-50%	7%	0%	0%	0%	1%
1970	Wet	-2%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	6%
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%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	-12%	-10%	-9%	-18%	-5%	0%	0%	0%
1979	Below Normal	0%	0%	-17%	0%	-1%	-2%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-5%	15%	0%	-10%	3%	0%	0%	0%	0%	0%	0%	-17%
1981	Dry	-1%	5%	0%	0%	0%	0%	0%	0%	0%	0%	5%	1%
1982	Wet	2%	0%	0%	0%	0%	0%	0%	-12%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	5%	3%	-6%	-7%	-14%	-10%	0%	0%	0%
1984	Wet	0%	0%	0%	-5%	-5%	-1%	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%	-22%	22%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	2%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1991	Critical	0%	0%	-1%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	-1%	0%	0%	-2%	0%	0%	0%	0%	-26%	118%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	-1%	0%	0%	0%	0%	0%	-10%	-59%	-2%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	-3%	0%	0%	0%	-1%	0%	0%	-4%	1%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	-6%	-5%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	-2%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-2%	0%	0%	0%	0%	0%	0%	2%	0%	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%	0%	-1%	-1%	0%	0%	-1%	-2%	-1%	1%	0%	0%
	Wet	-1%	0%	-1%	-1%	-1%	1%	-4%	-6%	-2%	0%	0%	0%
	Above Normal	0%	1%	0%	0%	-1%	-1%	-1%	-2%	0%	0%	0%	-1%
	Below Normal	-1%	0%	-1%	0%	0%	-1%	-1%	-1%	1%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-2%	10%	0%	0%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	39.31	50.83	28.41	7.41	23.39	28.39	30.34	35.89	41.67	42.77	42.18	29.83	400.42
1923	Below Normal	27.99	33.52	22.47	31.25	31.64	26.95	23.59	31.96	41.49	45.83	42.12	27.65	386.46
1924	Critical	28.39	17.72	15.80	6.09	6.79	8.28	12.77	16.66	22.32	25.21	19.67	12.92	192.62
1925	Dry	6.82	5.29	4.79	1.81	4.15	17.79	24.16	34.40	45.69	51.27	56.13	30.54	282.84
1926	Dry	22.08	19.18	16.20	3.04	5.12	10.98	17.11	28.47	37.56	42.07	41.38	25.25	268.44
1927	Wet	17.99	15.53	13.02	4.00	15.50	31.47	32.67	38.60	43.98	44.64	44.56	31.97	333.93
1928	Above Normal	26.32	34.23	25.16	15.64	19.59	14.91	36.78	42.93	48.63	49.39	49.37	35.72	398.67
1929	Critical	29.75	35.30	28.53	15.26	14.53	9.43	11.90	18.28	24.33	25.89	21.47	5.12	239.79
1930	Dry	8.56	9.69	8.73	2.87	4.92	7.64	19.32	25.03	33.64	36.55	34.64	20.73	212.32
1931	Critical	12.99	10.55	8.77	2.87	4.80	8.23	15.60	20.12	27.13	30.62	23.96	15.61	181.25
1932	Dry	8.59	6.45	5.83	3.06	6.52	26.01	17.93	26.14	34.71	41.63	34.98	22.92	234.77
1933	Critical	15.91	13.61	11.35	2.92	36.48	12.80	15.76	24.96	33.54	37.54	31.91	20.85	257.63
1934	Critical	13.31	10.83	9.02	2.96	4.43	8.64	17.84	23.11	31.35	35.19	21.42	3.46	181.56
1935	Below Normal	18.77	14.84	11.72	2.97	6.39	11.19	32.86	39.51	47.13	49.42	47.83	33.53	316.16
1936	Below Normal	31.17	24.45	23.94	11.26	13.74	46.29	33.05	42.36	48.16	48.90	48.85	35.17	407.34
1937	Below Normal	36.09	27.27	27.98	16.08	44.42	49.91	40.86	46.46	53.49	58.40	58.40	48.09	507.45
1938	Wet	35.48	33.23	34.13	19.09	33.23	46.49	40.72	49.07	57.05	61.89	61.84	44.14	516.36
1939	Dry	42.70	46.55	35.67	20.19	22.22	18.73	26.66	34.59	27.13	54.30	36.13	34.00	398.87
1940	Above Normal	9.45	7.18	28.75	2.91	4.24	13.81	26.05	34.68	40.08	51.76	48.46	32.14	299.51
1941	Wet	25.21	26.78	17.16	10.94	24.78	30.81	36.49	38.81	45.15	49.91	49.81	35.49	391.34
1942	Wet	38.77	31.75	28.03	31.26	32.41	34.21	26.53	33.02	41.13	44.19	41.67	28.09	411.06
1943	Wet	28.97	26.93	17.98	23.94	30.23	30.50	40.39	43.31	50.37	55.23	55.15	39.26	442.26
1944	Dry	38.15	15.77	40.51	11.37	11.02	10.99	19.78	25.73	34.25	37.60	36.78	21.68	303.63
1945	Below Normal	14.04	11.59	9.69	4.94	6.35	49.95	32.91	41.21	46.91	47.63	47.56	34.22	347.00
1946	Below Normal	39.52	26.44	27.13	31.95	32.92	37.71	27.68	34.03	39.84	41.04	40.34	28.15	406.75
1947	Dry	33.38	20.59	20.80	14.07	15.65	14.58	36.66	42.76	48.45	49.17	56.41	35.57	388.09
1948	Below Normal	29.61	27.69	28.39	14.21	13.60	9.20	15.47	18.47	19.42	49.70	45.74	31.77	303.27
1949	Dry	28.67	20.50	17.18	4.69	6.04	9.92	29.25	37.03	47.68	52.47	47.36	35.85	336.64
1950	Below Normal	26.19	13.76	17.55	3.75	4.32	8.45	24.02	31.04	14.06	52.99	48.07	32.01	276.21
1951	Above Normal	28.43	19.33	16.14	51.73	48.26	53.44	29.23	38.58	44.33	44.94	44.83	31.75	450.99
1952	Wet	29.07	32.08	24.42	31.29	34.25	39.41	31.37	44.93	52.25	57.16	57.08	40.58	473.89
1953	Wet	38.50	44.50	32.52	32.07	25.78	18.66	22.20	29.66	27.11	47.28	42.79	28.43	389.50
1954	Above Normal	22.83	22.74	14.83	4.67	16.91	15.04	25.15	33.22	42.88	49.25	45.59	29.84	322.95
1955	Dry	25.50	22.03	15.65	4.27	7.05	12.59	22.76	29.55	39.14	43.98	45.74	26.15	294.41
1956	Wet	18.61	16.08	13.52	22.34	50.39	54.27	34.52	43.46	50.02	50.71	50.60	35.82	440.34
1957	Above Normal	37.76	33.68	28.34	19.30	19.33	22.24	25.94	34.25	37.50	52.38	48.32	32.07	391.11
1958	Wet	23.24	26.12	17.07	3.77	27.77	31.30	45.35	53.29	57.01	61.92	61.91	44.22	452.97
1959	Below Normal	37.17	34.09	40.46	13.54	15.00	15.43	22.38	28.82	15.08	48.69	44.17	29.55	344.38
1960	Dry	27.36	18.42	15.46	2.90	3.62	9.59	29.55	37.51	41.82	54.52	49.17	36.10	326.02
1961	Dry	27.30	24.23	21.44	5.41	6.69	8.23	23.17	29.88	39.57	48.39	39.93	18.28	292.52
1962	Below Normal	2.68	21.20	24.16	3.03	3.85	12.74	24.55	32.14	20.74	52.58	48.00	32.54	278.21
1963	Wet	23.75	20.75	17.48	20.69	24.62	26.49	26.84	33.89	40.51	42.35	41.04	28.30	346.71
1964	Dry	22.18	28.91	19.94	14.60	33.91	25.84	29.92	35.79	42.43	44.20	49.41	29.99	377.12
1965	Wet	23.84	21.79	21.63	21.95	31.89	31.00	28.33	34.26	33.32	45.03	43.25	30.17	366.46
1966	Below Normal	35.56	23.60	21.07	28.36	30.34	24.86	24.35	32.19	41.60	45.68	42.15	27.76	377.52
1967	Wet	28.78	17.95	9.91	7.00	27.21	28.73	44.88	48.78	56.64	61.58	61.54	43.91	436.91
1968	Below Normal	37.71	51.12	35.44	14.77	18.87	16.53	22.77	29.45	18.14	48.53	44.09	29.85	367.27
1969	Wet	28.08	18.71	15.69	19.07	27.74	34.71	36.72	44.60	53.12	53.85	59.99	42.58	434.86
1970	Wet	36.29	50.04	32.03	32.95	32.97	49.23	31.60	37.94	43.59	44.19	44.06	31.19	466.08
1971	Wet	28.71	31.36	24.35	31.27	32.45	28.86	24.40	32.54	41.82	45.78	42.39	28.03	391.96
1972	Below Normal	25.99	19.06	16.59	11.73	25.97	25.10	25.47	32.68	42.86	47.53	43.44	28.52	344.94
1973	Above Normal	28.07	18.13	15.84	5.85	29.87	32.07	30.78	40.04	45.83	46.41	46.32	33.05	372.26
1974	Wet	27.21	25.30	26.04	32.06	33.62	40.10	41.25	41.19	47.45	48.06	47.95	33.92	444.15
1975	Wet	27.85	40.99	26.67	26.22	22.59	35.01	33.46	39.25	44.79	45.39	45.32	32.49	420.03
1976	Critical	26.74	36.03	25.60	16.12	17.32	16.12	25.51	33.20	40.32	51.58	37.77	32.62	358.93
1977	Critical	23.74	20.70	14.85	2.97	3.72	5.51	9.43	4.34	0.10	3.17	1.72	10.44	100.69
1978	Above Normal	2.31	15.75	23.21	2.81	7.24	27.89	24.72	24.59	39.47	46.60	45.49	32.00	292.08
1979	Below Normal	32.35	34.64	23.46	13.91	14.59	35.20	34.43	40.52	46.12	46.74	46.69	33.62	402.27
1980	Above Normal	36.80	25.92	26.61	22.56	34.76	36.64	36.34	47.63	59.37	58.66	61.36	43.74	490.39
1981	Dry	36.69	44.06	37.87	14.27	15.02	14.45	23.44	31.17	19.96	51.07	53.86	31.54	373.40
1982	Wet	22.92	19.98	16.81	17.78	25.51	31.36	43.60	51.85	60.17	61.03	60.96	43.37	455.34
1983	Wet	36.31	33.86	33.43	29.35	26.25	30.34	32.66	32.92	37.71	51.67	58.48	43.79	446.77
1984	Wet	52.56	51.89	56.16	52.20	49.72	53.41	28.89	38.50	44.20	44.90	44.78	31.72	548.93
1985	Dry	25.84	24.01	29.34	27.05	25.24	28.59	31.33	37.83	43.49	44.07	53.32	31.14	401.25
1986	Wet	25.45	23.64	24.33	15.46	20.12	39.50	42.46	52.89	60.03	61.24	61.16	43.89	470.17
1987	Dry	37.10	27.08	40.26	11.49	11.14	7.90	12.28	15.61	20.68	25.79	18.22	12.16	239.71
1988	Critical	6.42	5.05	4.58	1.66	5.53	5.60	9.66	12.61	16.49	17.63	14.57	9.80	109.60
1989	Dry	5.10	3.99	3.64	2.08	5.78	7.60	32.67	39.73	47.62	54.16	48.65	34.15	285.17
1990	Critical	27.14	24.76	24.05	10.62	10.73	9.33	13.86	17.77	23.78	25.33	20.96	13.86	222.19
1991	Critical	7.48	5.76	5.21	1.91	3.74	5.53	9.94	12.44	16.34	20.06	14.47	9.69	112.57
1992	Critical	5.07	3.93	3.59	1.47	3.13	5.54	12.80	16.29	21.66	26.89	18.80	12.79	131.96
1993	Above Normal	5.20	4.12	6.50	2.82	24.94	27.54	27.77	34.35	28.58	48.58	46.03	31.87	288.30
1994	Critical	30.10	27.64	20.75	10.07	11.38	15.40	25.65	33.20	36.04	54.67	31.39	23.76	320.05
1995	Wet	4.64	16.80	29.63	3.01	19.55	17.23	40.90	48.55	55.06	56.21	56.21	40.39	388.18
1996	Wet	41.20	28.61	29.51	14.70	14.54	27.39	31.97	37.36	42.62	43.26	43.18	30.87	385.21
1997	Wet	38.13	23.56	24.21	31.04	33.11	43.28	37.32	44.07	50.58	51.32	51.24	36.34	464.20
1998	Wet	31.98	39.79	28.82	19.18	32.52	38.68	34.81	40.32	46.05	46.83	46.78	33.42	439.18
1999	Wet	27.51	29.37	31.88	32.39	48.25	38.75	29.01	38.31	43.99	44.88	44.64	36.99	445.97
2000	Above Normal	29.86	23.95	24.67	17.57	30.15	25.34	28.85	35.92	44.05	47.14	44.85	30.68	383.03
2001	Dry	28.54	25.82	20.39	9.35	9.66	10.09	18.06	23.59	31.89	40.12	28.66	18.78	264.95
2002	Dry	10.87	8.44	7.18	3.40	7.27	12.51	35.13	40.97	46.38	47.22	44.04	36.80	300.21
2003	Above Normal	11.98	13.57	31.12	4.91	8.26	13.00	22.57	29.25	17.01	49.08	44.20	29.84	274.79
	Average	25.57	23.94	21.70	14.34	19.87	23.85	27.54	34.05	38.85	45.90	43.48	29.96	349.05
	Wet	29.27	28.75	24.86	22.50	29.88	35.05	34.59	41.21	47.14	50.79	50.71	36.13	430.88
	Above Normal	23.19	22.45	22.47	13.18	22.25	25.86	28.71	35.94	40.78	48.91	47.25	32.71	363.71
	Below Normal	28.20	25.95	23.58	14.41	18.71	26.39	27.46	34.35	35.36	48.83	46.25	32.32	361.80
	Dry	24.19	20.61	20.05	8.66	11.17	14.11	24.95	31.99	37.89	45.48	43.05	27.87	310.02
	Critical	18.92	17.66	14.34	6.24	10.22	9.20	15.06	19.42	24.45	29.48	21.51	14.24	200.74

Energy Use (GWh) At Pumping Plant at SWP Dos Amigos: Alternative1_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	39.31	50.83	28.41	7.41	23.39	28.40	30.34	35.89	43.22	44.32	43.73	31.38	406.63
1923	Below Normal	29.54	35.03	24.01	31.37	31.62	26.76	23.56	31.95	43.07	47.43	43.69	29.20	397.23
1924	Critical	29.82	19.24	17.30	7.56	6.73	8.27	12.77	16.66	22.33	25.23	19.68	12.92	198.51
1925	Dry	6.83	5.29	4.79	1.81	4.15	17.62	24.17	34.42	46.04	51.62	56.50	30.88	284.12
1926	Dry	22.42	19.51	16.53	3.36	5.11	10.97	17.09	28.45	37.54	42.04	41.33	25.23	269.58
1927	Wet	17.97	15.52	13.01	4.00	15.49	31.47	32.67	38.60	45.53	46.19	46.12	33.52	340.09
1928	Above Normal	27.87	35.79	26.72	17.19	19.56	14.91	36.78	42.93	49.28	50.04	50.02	36.37	407.46
1929	Critical	30.40	35.94	29.18	15.91	14.53	9.42	11.89	18.27	24.31	25.88	21.46	5.11	242.30
1930	Dry	8.56	9.68	8.73	2.87	4.92	7.63	19.31	25.03	33.63	36.55	34.63	20.73	212.27
1931	Critical	12.98	10.55	8.77	2.87	4.80	8.23	15.60	20.11	27.11	30.60	23.95	15.60	181.17
1932	Dry	8.59	6.45	5.83	3.05	6.52	26.77	17.93	26.14	36.26	43.18	36.53	24.47	241.72
1933	Critical	17.46	15.16	12.88	4.47	35.75	12.80	15.76	24.97	33.54	37.53	31.91	20.85	263.08
1934	Critical	13.31	10.83	9.02	2.96	4.42	8.64	17.83	23.10	31.33	35.16	21.37	3.46	181.43
1935	Below Normal	18.74	14.83	11.71	2.97	6.38	11.13	32.66	39.39	48.51	50.95	49.22	34.80	321.29
1936	Below Normal	32.35	25.59	24.98	12.27	13.46	44.68	33.06	42.37	49.72	50.46	50.41	36.73	416.08
1937	Below Normal	37.64	28.82	29.53	16.07	44.42	49.91	40.86	46.46	55.04	59.95	59.95	49.63	518.28
1938	Wet	37.03	34.78	34.13	18.61	33.07	35.87	41.44	49.34	57.17	63.76	63.69	45.89	514.78
1939	Dry	44.56	48.35	37.50	23.07	21.26	15.91	22.83	29.46	9.91	54.36	38.97	31.63	377.81
1940	Above Normal	12.03	8.82	30.36	4.33	4.26	13.81	26.05	34.68	41.46	53.08	49.81	33.49	312.18
1941	Wet	26.58	28.43	17.85	10.94	24.78	30.69	36.36	38.66	46.52	51.29	51.19	36.92	400.21
1942	Wet	40.54	32.77	28.64	31.26	32.42	34.11	26.53	33.01	42.68	45.74	43.22	29.64	420.56
1943	Wet	30.52	28.38	19.52	23.93	29.97	30.24	40.17	43.05	51.62	56.48	56.40	40.60	450.88
1944	Dry	37.76	17.04	43.90	12.10	10.28	10.76	19.78	25.73	34.95	38.31	37.56	22.38	310.55
1945	Below Normal	14.75	12.30	10.40	5.66	6.35	43.15	32.96	41.26	48.51	49.23	49.16	35.82	349.55
1946	Below Normal	40.91	28.03	28.72	33.49	32.92	37.65	27.44	33.88	41.35	42.73	41.86	29.54	418.52
1947	Dry	34.67	21.84	21.92	15.12	15.69	14.19	36.76	42.88	48.87	49.59	56.89	35.95	394.37
1948	Below Normal	29.99	28.06	28.77	13.96	13.13	9.03	15.47	18.64	19.42	49.73	45.76	31.82	303.78
1949	Dry	28.69	20.52	17.12	4.67	6.02	9.90	29.09	36.92	47.69	52.58	47.14	35.86	336.20
1950	Below Normal	26.18	13.77	17.57	3.75	4.32	8.45	24.02	31.04	14.20	53.14	48.22	32.15	276.81
1951	Above Normal	28.58	19.48	16.14	51.67	48.26	53.44	29.25	38.61	45.91	46.52	46.41	33.33	457.60
1952	Wet	30.64	33.64	25.99	32.84	34.24	39.39	31.25	37.97	44.38	50.61	50.50	36.26	447.71
1953	Wet	34.68	41.22	28.96	34.31	32.29	29.72	23.22	31.52	42.81	47.67	43.41	28.64	418.45
1954	Above Normal	23.08	23.33	16.05	7.07	22.51	16.56	25.08	33.28	44.45	50.04	45.21	29.40	336.06
1955	Dry	25.32	21.57	15.36	4.16	7.24	12.89	23.28	30.24	40.09	45.04	46.67	26.78	298.64
1956	Wet	19.10	16.51	13.89	19.13	44.92	54.28	34.62	43.54	51.66	52.35	52.25	37.45	439.70
1957	Above Normal	39.39	35.31	29.97	20.87	19.33	21.80	25.94	34.23	38.41	53.62	49.61	33.36	401.84
1958	Wet	24.52	27.40	18.34	5.00	27.75	31.28	45.33	53.27	58.53	63.44	63.43	45.76	464.05
1959	Below Normal	38.69	34.49	41.99	15.11	15.00	15.44	22.38	28.82	15.19	48.80	44.28	29.66	349.85
1960	Dry	27.66	18.54	15.58	3.01	3.62	9.55	29.56	37.51	41.85	54.52	49.23	36.07	326.70
1961	Dry	27.28	24.21	21.43	5.42	6.70	8.23	23.17	29.89	39.58	48.49	39.82	18.29	292.51
1962	Below Normal	2.64	21.17	24.13	3.03	3.85	12.75	24.55	32.14	22.16	54.01	49.43	33.96	283.82
1963	Wet	25.18	22.18	18.90	22.12	24.62	26.49	26.84	33.89	42.06	43.90	42.59	29.86	358.63
1964	Dry	23.73	30.40	21.49	16.18	33.91	25.85	29.92	35.79	42.42	44.19	49.42	29.99	383.29
1965	Wet	23.84	21.79	21.63	21.95	31.89	31.00	28.32	34.26	34.82	46.61	44.82	31.73	372.66
1966	Below Normal	37.11	24.89	22.62	29.89	30.32	24.86	24.35	32.20	42.55	46.63	43.10	28.71	387.23
1967	Wet	29.72	18.90	10.87	7.96	27.21	28.74	44.88	48.78	56.64	63.13	63.09	45.46	445.38
1968	Below Normal	40.79	46.87	38.84	15.13	17.41	16.18	22.86	29.57	19.44	49.77	45.33	31.05	373.24
1969	Wet	29.26	19.90	16.86	18.99	27.68	34.72	36.07	45.33	53.16	55.45	61.59	44.17	443.18
1970	Wet	38.45	51.05	33.62	32.88	32.87	43.03	34.03	37.65	44.79	45.39	45.26	32.51	471.53
1971	Wet	30.07	32.71	25.71	32.83	32.47	29.45	24.54	32.61	42.50	46.31	43.07	28.83	401.10
1972	Below Normal	26.82	20.01	17.62	13.10	26.12	25.23	25.53	32.73	42.87	47.51	43.45	28.55	349.54
1973	Above Normal	28.11	18.17	15.91	5.94	29.87	32.07	30.78	40.04	47.31	47.89	47.81	34.53	378.43
1974	Wet	28.69	26.79	27.52	33.55	33.60	40.08	41.03	41.08	48.87	49.48	49.37	35.37	455.43
1975	Wet	29.32	42.07	28.14	27.93	22.65	34.97	33.41	39.19	46.22	46.82	46.75	33.93	431.40
1976	Critical	28.19	37.55	27.05	17.59	17.32	16.15	25.57	33.28	40.51	51.57	37.84	32.71	365.33
1977	Critical	23.83	20.75	14.47	2.97	3.72	5.51	9.43	4.30	0.10	3.16	1.72	10.45	100.41
1978	Above Normal	2.24	15.79	23.19	2.81	7.24	25.99	23.64	23.75	41.59	49.84	47.66	33.31	297.05
1979	Below Normal	33.22	34.42	23.05	13.03	12.41	33.04	33.04	38.84	45.72	46.32	46.26	33.76	393.11
1980	Above Normal	35.66	26.30	26.94	25.27	34.65	36.55	28.94	40.33	52.61	51.77	54.44	39.10	452.56
1981	Dry	32.69	44.85	31.43	20.50	26.75	22.67	25.71	34.53	43.68	52.98	55.66	32.32	423.77
1982	Wet	23.86	20.96	18.17	19.91	26.17	31.34	43.59	51.84	61.71	62.57	62.50	44.91	467.53
1983	Wet	37.85	33.85	33.42	29.35	26.25	30.34	32.66	30.43	36.12	51.83	60.03	45.17	447.30
1984	Wet	52.56	51.89	56.16	52.20	49.72	53.41	28.89	38.50	45.76	46.46	46.33	33.27	555.15
1985	Dry	27.39	25.57	30.89	28.60	25.24	28.59	31.33	37.83	44.35	44.92	54.17	31.99	410.87
1986	Wet	26.30	24.50	25.19	16.31	16.83	39.28	44.02	52.99	61.61	62.89	62.79	45.50	478.21
1987	Dry	38.78	25.87	41.82	13.03	11.14	7.90	12.27	15.60	20.67	25.72	18.22	12.15	243.17
1988	Critical	6.42	5.05	4.58	1.66	5.53	5.60	9.66	12.74	16.67	17.82	14.73	9.91	110.37
1989	Dry	5.16	4.03	3.68	2.06	5.76	7.56	32.52	39.64	47.68	54.32	47.28	34.50	284.19
1990	Critical	27.41	24.98	24.17	10.39	10.57	9.32	13.95	17.90	23.97	25.53	21.12	13.97	223.28
1991	Critical	7.54	5.80	5.24	1.93	3.74	5.53	9.94	12.44	16.34	20.05	14.47	9.69	112.71
1992	Critical	5.07	3.93	3.59	1.47	3.13	5.54	12.61	16.03	21.30	26.45	18.49	12.58	130.19
1993	Above Normal	5.40	4.10	6.14	2.66	24.98	27.62	27.83	34.38	30.40	49.99	47.47	33.38	294.35
1994	Critical	31.65	29.12	22.34	11.74	11.48	15.41	25.62	33.16	36.41	54.63	31.29	23.76	326.61
1995	Wet	4.60	16.77	29.64	3.01	19.54	17.23	40.90	48.55	56.61	54.84	58.35	42.52	392.56
1996	Wet	31.61	11.46	30.40	16.27	14.53	27.38	31.88	37.25	44.04	44.68	44.60	32.33	366.43
1997	Wet	38.96	25.04	25.44	31.04	33.11	42.99	37.31	44.06	52.13	52.86	52.78	37.89	473.61
1998	Wet	33.59	41.27	30.37	20.71	32.52	38.67	34.79	40.10	45.79	46.58	48.07	34.78	447.24
1999	Wet	28.90	30.43	32.58	33.93	48.25	38.75	29.01	38.31	45.54	46.43	46.19	38.55	456.87
2000	Above Normal	31.44	25.50	26.22	19.12	30.17	25.00	28.69	35.84	45.47	48.68	46.27	31.99	394.39
2001	Dry	29.77	27.04	21.51	10.40	9.42	10.02	18.08	23.62	31.92	40.17	28.71	18.81	269.47
2002	Dry	10.91	8.48	7.20	3.42	7.26	12.50	35.09	40.92	46.33	47.16	43.62	36.85	299.74
2003	Above Normal	12.58	13.57	31.12	4.91	8.26	13.00	22.57	29.25	17.44	49.53	44.64	30.27	277.14
	Average	26.15	24.31	22.33	15.04	19.97	23.69	27.45	33.83	39.66	46.53	44.17	30.64	353.77
	Wet	29.78	28.85	25.58	23.11	29.80	34.80	34.76	40.91	48.43	51.68	51.86	37.36	436.95
	Above Normal	23.81	23.08	23.10	14.10	22.71	25.76	27.99	35.27	41.46	49.61	47.76	33.33	367.97
	Below Normal	29.24	26.31	24.57	14.92	18.41	25.59	27.34	34.24	36.27	49.76	47.15	33.24	367.02
	Dry	24.49	21.07	20.37	9.60	11.72	14.42	24.88	31.92	38.53	45.87	43.46	28.05	314.39
	Critical	19.51	18.24	14.88	6.79	10.14	9.20	15.05	19.41	24.49	29.47	21.50	14.25	202.95

Difference in Energy Use (GWh) At Pumping Plant at SWP Dos Amigos: Alternative1_2020 minus CONV_NA

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	0.01	0.00	0.00	1.55	1.55	1.55	1.55	0.52
1923	Below Normal	1.55	1.51	1.54	0.12	(0.02)	(0.19)	(0.03)	(0.01)	1.58	1.60	1.57	1.55	0.90
1924	Critical	1.43	1.52	1.50	1.47	(0.06)	(0.01)	0.00	0.00	0.01	0.02	0.01	0.00	0.49
1925	Dry	0.01	0.00	0.00	0.00	0.00	(0.17)	0.01	0.02	0.35	0.35	0.37	0.34	0.11
1926	Dry	0.34	0.33	0.33	0.32	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	(0.03)	(0.05)	(0.02)	0.10
1927	Wet	(0.02)	(0.01)	(0.01)	0.00	(0.01)	0.00	0.00	0.00	1.55	1.55	1.56	1.55	0.51
1928	Above Normal	1.55	1.56	1.56	1.55	(0.03)	0.00	0.00	0.00	0.65	0.65	0.65	0.65	0.73
1929	Critical	0.65	0.64	0.65	0.65	0.00	(0.01)	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	(0.01)	0.21
1930	Dry	0.00	(0.01)	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	0.00	(0.01)	0.00	0.00
1931	Critical	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)
1932	Dry	0.00	0.00	0.00	(0.01)	0.00	0.76	0.00	0.00	1.55	1.55	1.55	1.55	0.58
1933	Critical	1.55	1.55	1.53	1.55	(0.73)	0.00	0.00	0.01	0.00	(0.01)	0.00	0.00	0.45
1934	Critical	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	(0.02)	(0.03)	(0.05)	0.00	(0.01)
1935	Below Normal	(0.03)	(0.01)	(0.01)	0.00	(0.01)	(0.06)	(0.20)	(0.12)	1.38	1.53	1.39	1.27	0.43
1936	Below Normal	1.18	1.14	1.04	1.01	(0.28)	(1.61)	0.01	0.01	1.56	1.56	1.56	1.56	0.73
1937	Below Normal	1.55	1.55	1.55	(0.01)	0.00	0.00	0.00	0.00	1.55	1.55	1.55	1.54	0.90
1938	Wet	1.55	1.55	0.00	(0.48)	(0.16)	(10.62)	0.72	0.27	0.12	1.87	1.85	1.75	(0.13)
1939	Dry	1.86	1.80	1.83	2.88	(0.96)	(2.82)	(3.83)	(5.13)	(17.22)	0.06	2.84	(2.37)	(1.76)
1940	Above Normal	2.58	1.64	1.61	1.42	0.02	0.00	0.00	0.00	1.38	1.32	1.35	1.35	1.06
1941	Wet	1.37	1.65	0.69	0.00	0.00	(0.12)	(0.13)	(0.15)	1.37	1.38	1.38	1.43	0.74
1942	Wet	1.77	1.02	0.61	0.00	0.01	(0.10)	0.00	(0.01)	1.55	1.55	1.55	1.55	0.79
1943	Wet	1.55	1.45	1.54	(0.01)	(0.26)	(0.26)	(0.22)	(0.26)	1.25	1.25	1.25	1.34	0.72
1944	Dry	(0.39)	1.27	3.39	0.73	(0.74)	(0.23)	0.00	0.00	0.70	0.71	0.78	0.70	0.58
1945	Below Normal	0.71	0.71	0.71	0.72	0.00	(6.80)	0.05	0.05	1.60	1.60	1.60	1.60	0.21
1946	Below Normal	1.39	1.59	1.59	1.54	0.00	(0.06)	(0.24)	(0.15)	1.51	1.69	1.52	1.39	0.98
1947	Dry	1.29	1.25	1.12	1.05	0.04	(0.39)	0.10	0.12	0.42	0.42	0.48	0.38	0.52
1948	Below Normal	0.38	0.37	0.38	(0.25)	(0.47)	(0.17)	0.00	0.17	0.00	0.03	0.02	0.05	0.04
1949	Dry	0.02	0.02	(0.06)	(0.02)	(0.02)	(0.02)	(0.16)	(0.11)	0.01	0.11	(0.22)	0.01	(0.04)
1950	Below Normal	(0.01)	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.14	0.15	0.15	0.14	0.05
1951	Above Normal	0.15	0.15	0.00	(0.06)	0.00	0.00	0.02	0.03	1.58	1.58	1.58	1.58	0.55
1952	Wet	1.57	1.56	1.57	1.55	(0.01)	(0.02)	(0.12)	(6.96)	(7.87)	(6.55)	(6.58)	(4.32)	(2.18)
1953	Wet	(3.82)	(3.28)	(3.56)	2.24	6.51	11.06	1.02	1.86	15.70	0.39	0.62	0.21	2.41
1954	Above Normal	0.25	0.59	1.22	2.40	5.60	1.52	(0.07)	0.06	1.57	0.79	(0.38)	(0.44)	1.09
1955	Dry	(0.18)	(0.46)	(0.29)	(0.11)	0.19	0.30	0.52	0.69	0.95	1.06	0.93	0.63	0.35
1956	Wet	0.49	0.43	0.37	(3.21)	(5.47)	0.01	0.10	0.08	1.64	1.64	1.65	1.63	(0.05)
1957	Above Normal	1.63	1.63	1.63	1.57	0.00	(0.44)	0.00	(0.02)	0.91	1.24	1.29	1.29	0.89
1958	Wet	1.28	1.28	1.27	1.23	(0.02)	(0.02)	(0.02)	(0.02)	1.52	1.52	1.52	1.54	0.92
1959	Below Normal	1.52	0.40	1.53	1.57	0.00	0.01	0.00	0.00	0.11	0.11	0.11	0.11	0.46
1960	Dry	0.30	0.12	0.12	0.11	0.00	(0.04)	0.01	0.00	0.03	0.00	0.06	(0.03)	0.06
1961	Dry	(0.02)	(0.02)	(0.01)	0.01	0.01	0.00	0.00	0.01	0.01	0.10	(0.11)	0.01	0.00
1962	Below Normal	(0.04)	(0.03)	(0.03)	0.00	0.00	0.01	0.00	0.00	1.42	1.43	1.43	1.42	0.47
1963	Wet	1.43	1.43	1.42	1.43	0.00	0.00	0.00	0.00	1.55	1.55	1.55	1.56	0.99
1964	Dry	1.55	1.49	1.55	1.58	0.00	0.01	0.00	0.00	(0.01)	(0.01)	0.01	0.00	0.51
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	1.50	1.58	1.57	1.56	0.52
1966	Below Normal	1.55	1.29	1.55	1.53	(0.02)	0.00	0.00	0.01	0.95	0.95	0.95	0.95	0.81
1967	Wet	0.94	0.95	0.96	0.96	0.00	0.01	0.00	0.00	0.00	1.55	1.55	1.55	0.71
1968	Below Normal	3.08	(4.25)	3.40	0.36	(1.46)	(0.35)	0.09	0.12	1.30	1.24	1.24	1.20	0.50
1969	Wet	1.18	1.19	1.17	(0.08)	(0.06)	0.01	(0.65)	0.73	0.04	1.60	1.60	1.59	0.69
1970	Wet	2.16	1.01	1.59	(0.07)	(0.10)	(6.20)	2.43	(0.29)	1.20	1.20	1.20	1.32	0.45
1971	Wet	1.36	1.35	1.36	1.56	0.02	0.59	0.14	0.07	0.68	0.53	0.68	0.80	0.76
1972	Below Normal	0.83	0.95	1.03	1.37	0.15	0.13	0.06	0.05	0.01	(0.02)	0.01	0.03	0.38
1973	Above Normal	0.04	0.04	0.07	0.09	0.00	0.00	0.00	0.00	1.48	1.48	1.49	1.48	0.51
1974	Wet	1.48	1.49	1.48	1.49	(0.02)	(0.02)	(0.22)	(0.11)	1.42	1.42	1.42	1.45	0.94
1975	Wet	1.47	1.08	1.47	1.71	0.06	(0.04)	(0.05)	(0.06)	1.43	1.43	1.43	1.44	0.95
1976	Critical	1.45	1.52	1.45	1.47	0.00	0.03	0.06	0.08	0.19	(0.01)	0.07	0.09	0.53
1977	Critical	0.09	0.05	(0.38)	0.00	0.00	0.00	0.00	(0.04)	0.00	(0.01)	0.00	0.01	(0.02)
1978	Above Normal	(0.07)	0.04	(0.02)	0.00	0.00	(1.90)	(1.08)	(0.84)	2.12	3.24	2.17	1.31	0.41
1979	Below Normal	0.87	(0.22)	(0.41)	(0.88)	(2.18)	(2.16)	(1.39)	(1.68)	(0.40)	(0.42)	(0.43)	0.14	(0.76)
1980	Above Normal	(1.14)	0.38	0.33	2.71	(0.11)	(0.09)	(7.40)	(7.30)	(6.76)	(6.89)	(6.92)	(4.64)	(3.15)
1981	Dry	(4.00)	0.79	(6.44)	6.23	11.73	8.22	2.27	3.36	23.72	1.91	1.80	0.78	4.20
1982	Wet	0.94	0.98	1.36	2.13	0.66	(0.02)	(0.01)	(0.01)	1.54	1.54	1.54	1.54	1.02
1983	Wet	1.54	(0.01)	(0.01)	0.00	0.00	0.00	0.00	(2.49)	(1.59)	0.16	1.55	1.38	0.04
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.56	1.56	1.55	1.55	0.52
1985	Dry	1.55	1.56	1.55	1.55	0.00	0.00	0.00	0.00	0.86	0.85	0.85	0.85	0.80
1986	Wet	0.85	0.86	0.86	0.85	(3.29)	(0.22)	1.56	0.10	1.58	1.65	1.63	1.61	0.67
1987	Dry	1.68	(1.21)	1.56	1.54	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.07)	0.00	(0.01)	0.29
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.18	0.19	0.16	0.11	0.06
1989	Dry	0.06	0.04	0.04	(0.02)	(0.02)	(0.04)	(0.15)	(0.09)	0.06	0.16	(1.37)	0.35	(0.08)
1990	Critical	0.27	0.22	0.12	(0.23)	(0.16)	(0.01)	0.09	0.13	0.19	0.20	0.16	0.11	0.09
1991	Critical	0.06	0.04	0.03	0.02	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.01
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.19)	(0.26)	(0.36)	(0.44)	(0.31)	(0.21)	(0.15)
1993	Above Normal	0.20	(0.02)	(0.36)	(0.16)	0.04	0.08	0.06	0.03	1.82	1.41	1.44	1.51	0.50
1994	Critical	1.55	1.48	1.59	1.67	0.10	0.01	(0.03)	(0.04)	0.37	(0.04)	(0.10)	0.00	0.55
1995	Wet	(0.04)	(0.03)	0.01	0.00	(0.01)	0.00	0.00	0.00	1.55	(1.37)	2.14	2.13	0.37
1996	Wet	(9.59)	(17.15)	0.89	1.57	(0.01)	(0.01)	(0.09)	(0.11)	1.42	1.42	1.42	1.46	(1.57)
1997	Wet	0.83	1.48	1.23	0.00	0.00	(0.29)	(0.01)	(0.01)	1.55	1.54	1.54	1.55	0.78
1998	Wet	1.61	1.48	1.55	1.53	0.00	(0.01)	(0.02)	(0.22)	(0.26)	(0.25)	1.29	1.36	0.67
1999	Wet	1.39	1.06	0.70	1.54	0.00	0.00	0.00	0.00	1.55	1.55	1.55	1.56	0.91
2000	Above Normal	1.58	1.55	1.55	1.55	0.02	(0.34)	(0.16)	(0.08)	1.42	1.54	1.42	1.31	0.95
2001	Dry	1.23	1.22	1.12	1.05	(0.24)	(0.07)	0.02	0.03	0.03	0.05	0.05	0.03	0.38
2002	Dry	0.04	0.04	0.02	0.02	(0.01)	(0.01)	(0.04)	(0.05)	(0.05)	(0.06)	(0.42)	0.05	(0.04)
2003	Above Normal	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.45	0.44	0.43	0.20
	Average	0.58	0.37	0.64	0.70	0.10	(0.16)	(0.09)	(0.23)	0.81	0.63	0.69	0.68	0.39
	Wet	0.51	0.11	0.71	0.61	(0.08)	(0.24)	0.17	(0.29)	1.29	0.89	1.15	1.23	0.51
	Above Normal	0.61	0.63	0.63	0.92	0.46	(0.10)	(0.72)	(0.68)	0.68	0.70	0.51	0.62	0.36
	Below Normal	1.04	0.36	0.99	0.51	(0.31)	(0.80)	(0.12)	(0.11)	0.91	0.93	0.90	0.93	0.44
	Dry	0.30	0.46	0.32	0.94	0.55	0.30	(0.07)	(0.07)	0.63	0.40	0.42	0.18	0.36
	Critical	0.59	0.59	0.54	0.55	(0.07)	0.00	(0.01)	(0.00)	0.04	(0.01)	(0.01)	0.01	0.18

Percent Difference in Energy Use (GWh) At Pumping Plant at SWP Dos Amigos: Alternative1_2020 minus CONV_NA

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%	4%	4%	4%	5%
1923	Below Normal	6%	5%	7%	0%	0%	-1%	0%	0%	4%	3%	4%	6%
1924	Critical	5%	9%	9%	24%	-1%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	1%	1%	1%	1%
1926	Dry	2%	2%	2%	11%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	4%	3%	4%	5%
1928	Above Normal	6%	5%	6%	10%	0%	0%	0%	0%	1%	1%	1%	2%
1929	Critical	2%	2%	2%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	3%	0%	0%	4%	4%	4%	7%
1933	Critical	10%	11%	13%	53%	-2%	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%	-1%	-1%	0%	3%	3%	3%	4%
1936	Below Normal	4%	5%	4%	9%	-2%	-3%	0%	0%	3%	3%	3%	4%
1937	Below Normal	4%	6%	6%	0%	0%	0%	0%	0%	3%	3%	3%	3%
1938	Wet	4%	5%	0%	-3%	0%	-23%	2%	1%	0%	3%	3%	4%
1939	Dry	4%	4%	5%	14%	-4%	-15%	-14%	-15%	-63%	0%	8%	-7%
1940	Above Normal	27%	23%	6%	49%	0%	0%	0%	0%	3%	3%	3%	4%
1941	Wet	5%	6%	4%	0%	0%	0%	0%	0%	3%	3%	3%	4%
1942	Wet	5%	3%	2%	0%	0%	0%	0%	0%	4%	4%	4%	6%
1943	Wet	5%	5%	9%	0%	-1%	-1%	-1%	-1%	2%	2%	2%	3%
1944	Dry	-1%	8%	8%	6%	-7%	-2%	0%	0%	2%	2%	2%	3%
1945	Below Normal	5%	6%	7%	15%	0%	-14%	0%	0%	3%	3%	3%	5%
1946	Below Normal	4%	6%	6%	5%	0%	0%	-1%	0%	4%	4%	4%	5%
1947	Dry	4%	6%	5%	7%	0%	-3%	0%	0%	1%	1%	1%	1%
1948	Below Normal	1%	1%	1%	-2%	-3%	-2%	0%	1%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1951	Above Normal	1%	1%	0%	0%	0%	0%	0%	0%	4%	4%	4%	5%
1952	Wet	5%	5%	6%	5%	0%	0%	0%	-15%	-15%	-11%	-12%	-11%
1953	Wet	-10%	-7%	-11%	7%	25%	59%	5%	6%	58%	1%	1%	1%
1954	Above Normal	1%	3%	8%	51%	33%	10%	0%	0%	4%	2%	-1%	-1%
1955	Dry	-1%	-2%	-2%	-3%	3%	2%	2%	2%	2%	2%	2%	2%
1956	Wet	3%	3%	3%	-14%	-11%	0%	0%	0%	3%	3%	3%	5%
1957	Above Normal	4%	5%	6%	8%	0%	-2%	0%	0%	2%	2%	3%	4%
1958	Wet	6%	5%	7%	33%	0%	0%	0%	0%	3%	2%	2%	3%
1959	Below Normal	4%	1%	4%	12%	0%	0%	0%	0%	1%	0%	0%	0%
1960	Dry	1%	1%	1%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	7%	3%	3%	4%
1963	Wet	6%	7%	8%	7%	0%	0%	0%	0%	4%	4%	4%	6%
1964	Dry	7%	5%	8%	11%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	5%	4%	4%	5%
1966	Below Normal	4%	5%	7%	5%	0%	0%	0%	0%	2%	2%	2%	3%
1967	Wet	3%	5%	10%	14%	0%	0%	0%	0%	0%	3%	3%	4%
1968	Below Normal	8%	-8%	10%	2%	-8%	-2%	0%	0%	7%	3%	3%	4%
1969	Wet	4%	6%	7%	0%	0%	0%	-2%	2%	0%	3%	3%	4%
1970	Wet	6%	2%	5%	0%	0%	-13%	8%	-1%	3%	3%	3%	4%
1971	Wet	5%	4%	6%	5%	0%	2%	1%	0%	2%	1%	2%	3%
1972	Below Normal	3%	5%	6%	12%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	2%	0%	0%	0%	0%	3%	3%	3%	4%
1974	Wet	5%	6%	6%	5%	0%	0%	-1%	0%	3%	3%	3%	4%
1975	Wet	5%	3%	6%	7%	0%	0%	0%	0%	3%	3%	3%	4%
1976	Critical	5%	4%	6%	9%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	-3%	0%	0%	0%	0%	-1%	0%	0%	0%	0%
1978	Above Normal	-3%	0%	0%	0%	0%	-7%	-4%	-3%	5%	7%	5%	4%
1979	Below Normal	3%	-1%	-2%	-6%	-15%	-6%	-4%	-4%	-1%	-1%	-1%	0%
1980	Above Normal	-3%	1%	1%	12%	0%	0%	-20%	-15%	-11%	-12%	-11%	-11%
1981	Dry	-11%	2%	-17%	44%	78%	57%	10%	11%	119%	4%	3%	2%
1982	Wet	4%	5%	8%	12%	3%	0%	0%	0%	3%	3%	3%	4%
1983	Wet	4%	0%	0%	0%	0%	0%	0%	-8%	-4%	0%	3%	3%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	4%	3%	3%	5%
1985	Dry	6%	6%	5%	6%	0%	0%	0%	0%	2%	2%	2%	3%
1986	Wet	3%	4%	4%	5%	-16%	-1%	4%	0%	3%	3%	3%	4%
1987	Dry	5%	-4%	4%	13%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%
1989	Dry	1%	1%	1%	-1%	0%	-1%	0%	0%	0%	0%	-3%	1%
1990	Critical	1%	1%	0%	-2%	-1%	0%	1%	1%	1%	1%	1%	1%
1991	Critical	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	-1%	-2%	-2%	-2%	-2%	-2%
1993	Above Normal	4%	0%	-6%	-6%	0%	0%	0%	0%	6%	3%	3%	5%
1994	Critical	5%	5%	8%	17%	1%	0%	0%	0%	1%	0%	0%	0%
1995	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	3%	-2%	4%	5%
1996	Wet	-23%	-60%	3%	11%	0%	0%	0%	0%	3%	3%	3%	5%
1997	Wet	2%	6%	5%	0%	0%	-1%	0%	0%	3%	3%	3%	4%
1998	Wet	5%	4%	5%	8%	0%	0%	0%	-1%	-1%	-1%	3%	4%
1999	Wet	5%	4%	2%	5%	0%	0%	0%	0%	4%	3%	3%	4%
2000	Above Normal	5%	6%	6%	9%	0%	-1%	-1%	0%	3%	3%	3%	4%
2001	Dry	4%	5%	5%	11%	-2%	-1%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	-1%	0%
2003	Above Normal	5%	0%	0%	0%	0%	0%	0%	0%	3%	1%	1%	1%
	Average	2%	2%	3%	6%	1%	0%	0%	-1%	3%	1%	2%	2%
	Wet	2%	1%	4%	4%	0%	1%	1%	-1%	4%	2%	2%	4%
	Above Normal	4%	4%	2%	11%	3%	0%	-2%	-2%	2%	2%	1%	2%
	Below Normal	3%	2%	4%	4%	-2%	-2%	0%	0%	3%	2%	2%	3%
	Dry	1%	2%	1%	7%	4%	2%	0%	0%	4%	1%	1%	1%
	Critical	2%	3%	3%	9%	0%	0%	0%	0%	0%	0%	0%	0%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	0.00	58.18	45.80	0.00	14.46	0.00	0.00	14.97	21.37	22.23	33.84	210.85
1923	Below Normal	11.59	0.00	25.03	0.00	0.00	0.00	0.00	0.00	0.00	14.29	21.29	37.63	109.83
1924	Critical	8.86	2.64	11.23	34.36	21.62	0.00	0.00	0.00	0.00	26.04	0.00	0.00	104.75
1925	Dry	19.31	34.77	54.12	55.13	32.11	33.67	0.00	0.00	0.00	11.94	0.00	33.33	274.38
1926	Dry	0.90	0.41	14.12	49.63	16.95	0.00	0.00	0.00	0.00	21.12	0.00	9.84	112.97
1927	Wet	0.00	71.32	36.42	34.66	32.28	0.00	0.00	0.00	0.00	19.06	21.47	36.72	251.93
1928	Above Normal	0.00	0.00	66.39	29.05	0.00	38.53	0.00	0.00	0.00	4.72	6.31	22.52	167.52
1929	Critical	0.00	0.00	18.87	23.64	20.64	27.82	1.33	0.00	0.00	0.00	0.00	0.34	92.64
1930	Dry	0.22	0.06	33.25	34.05	29.18	34.92	0.00	0.00	0.00	36.84	3.51	59.94	231.97
1931	Critical	0.82	4.38	6.46	54.20	30.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96.18
1932	Dry	0.00	11.07	104.92	57.05	110.45	11.07	0.00	0.00	0.00	0.00	8.59	0.00	303.15
1933	Critical	1.06	0.50	37.17	117.68	7.70	0.68	0.00	0.00	0.00	0.00	0.00	0.00	164.79
1934	Critical	0.00	3.14	61.69	106.65	71.62	9.95	0.00	0.00	0.00	0.00	0.00	0.39	253.44
1935	Below Normal	0.23	15.59	41.19	66.04	72.24	39.93	0.00	0.00	0.00	12.54	18.28	34.42	300.46
1936	Below Normal	13.66	3.35	19.79	23.25	129.21	28.97	0.00	0.00	0.00	14.01	17.02	32.43	281.69
1937	Below Normal	17.15	0.00	60.46	54.05	37.63	0.72	0.00	0.00	0.00	0.00	0.00	0.00	170.01
1938	Wet	0.00	38.32	26.04	99.30	74.41	36.27	0.00	0.00	0.00	0.00	0.00	10.21	284.55
1939	Dry	0.00	0.00	44.15	17.43	0.49	0.00	0.00	0.00	0.00	0.49	0.43	0.32	63.31
1940	Above Normal	0.18	0.05	0.01	27.02	40.05	58.97	0.00	0.00	0.00	0.47	6.02	24.03	156.80
1941	Wet	0.54	0.00	25.03	40.63	80.84	71.22	0.00	0.00	0.00	11.44	12.38	18.09	260.17
1942	Wet	0.00	0.00	11.49	11.82	10.15	10.18	0.00	0.00	0.00	15.85	20.05	25.41	104.95
1943	Wet	2.68	0.00	27.92	35.37	29.10	70.66	0.00	0.00	0.00	0.00	2.92	11.91	180.56
1944	Dry	0.00	0.00	23.76	31.32	34.08	15.09	0.00	0.00	0.00	23.63	4.17	0.00	132.05
1945	Below Normal	3.69	67.83	43.73	51.83	55.92	7.78	0.00	0.00	0.00	12.20	15.10	28.53	286.61
1946	Below Normal	20.52	54.08	40.22	0.53	0.00	0.00	0.00	0.00	0.00	21.16	22.73	40.99	200.23
1947	Dry	23.54	23.29	38.66	26.67	23.38	0.00	0.00	0.00	0.00	8.83	0.00	22.16	166.53
1948	Below Normal	5.13	0.27	0.00	5.01	0.00	19.02	0.00	0.00	0.42	8.12	14.80	26.87	79.64
1949	Dry	1.56	1.38	35.55	47.32	43.86	10.70	0.00	0.00	0.00	3.54	0.00	22.32	166.23
1950	Below Normal	0.00	0.06	0.00	26.02	28.02	36.47	0.00	0.00	0.00	4.31	12.29	27.38	134.55
1951	Above Normal	34.05	68.80	110.47	12.84	0.11	0.71	0.00	0.00	0.00	5.43	13.67	32.70	278.78
1952	Wet	0.00	14.73	15.10	14.94	0.00	51.08	0.00	0.00	0.00	0.00	0.83	19.04	115.72
1953	Wet	0.00	0.00	47.17	0.00	5.59	20.83	0.00	0.00	0.00	11.06	18.48	31.96	135.09
1954	Above Normal	0.00	0.00	36.93	24.63	2.24	24.65	0.00	0.00	0.00	0.52	12.85	27.10	128.92
1955	Dry	0.59	13.50	82.32	55.76	37.91	12.89	0.00	0.00	0.00	21.70	0.00	0.00	224.67
1956	Wet	0.00	25.73	71.42	105.70	0.09	0.71	0.00	0.00	0.00	9.96	11.02	21.57	246.20
1957	Above Normal	0.00	0.00	56.14	16.85	0.00	0.08	0.00	0.00	0.00	0.50	11.07	24.16	108.80
1958	Wet	44.35	4.20	26.31	36.95	3.43	61.39	0.00	0.00	0.00	0.00	0.00	9.08	185.71
1959	Below Normal	0.00	0.00	24.83	8.48	13.89	22.93	0.00	0.00	0.00	8.47	14.03	31.48	124.11
1960	Dry	1.84	0.00	1.14	46.82	28.28	19.17	0.00	0.00	0.00	0.97	0.00	21.15	119.37
1961	Dry	0.00	10.16	62.04	44.45	17.47	39.15	0.00	0.00	0.00	9.95	0.00	0.28	183.50
1962	Below Normal	0.18	0.05	0.00	27.91	37.11	34.61	0.00	0.00	0.00	6.21	11.72	24.37	142.16
1963	Wet	48.86	64.74	25.26	0.00	0.00	1.70	0.00	0.00	0.00	21.29	26.37	44.59	232.81
1964	Dry	13.30	29.30	49.07	32.56	0.00	0.00	0.00	0.00	0.00	15.06	0.00	29.01	168.30
1965	Wet	0.00	4.40	17.13	40.56	0.00	9.62	0.00	0.00	0.00	14.06	17.73	26.59	130.09
1966	Below Normal	0.00	15.08	79.73	6.00	0.00	0.00	0.00	0.00	0.00	12.15	16.99	36.44	166.39
1967	Wet	4.65	23.41	44.58	53.51	0.00	8.30	0.00	0.00	0.00	0.00	0.00	11.08	145.53
1968	Below Normal	0.00	0.00	32.25	25.44	0.00	20.45	0.00	0.00	0.00	7.28	14.11	31.02	130.55
1969	Wet	0.62	24.56	85.80	33.55	61.48	0.65	1.54	2.78	0.00	0.00	0.00	12.66	223.64
1970	Wet	0.00	0.00	2.22	85.35	15.67	2.60	0.00	0.00	0.00	21.37	19.43	7.79	154.43
1971	Wet	0.00	38.84	15.44	0.00	0.00	2.92	0.00	0.00	0.00	13.74	21.02	38.10	130.06
1972	Below Normal	4.68	0.00	82.64	31.95	0.00	0.00	0.00	0.00	0.00	9.76	17.65	36.41	183.09
1973	Above Normal	21.73	69.08	33.00	41.44	0.12	0.56	0.00	0.00	0.00	14.68	16.96	29.98	227.55
1974	Wet	18.62	56.23	21.89	6.31	0.00	0.00	0.00	0.00	0.00	11.74	13.04	25.47	153.30
1975	Wet	11.67	0.00	61.62	2.48	1.82	19.13	0.00	0.00	0.00	13.24	15.22	25.47	150.65
1976	Critical	19.32	0.00	61.63	18.84	0.07	10.36	0.00	0.00	0.00	6.25	0.00	25.81	142.28
1977	Critical	0.00	0.00	0.00	16.62	4.01	0.00	0.00	0.19	0.52	0.50	0.45	0.30	22.59
1978	Above Normal	0.19	0.05	0.01	32.49	57.09	23.06	0.00	0.00	0.00	18.01	20.81	36.78	188.49
1979	Below Normal	0.00	0.00	65.11	40.25	57.44	4.88	0.00	0.00	0.00	17.42	20.51	34.30	239.91
1980	Above Normal	19.53	3.07	69.03	41.75	0.13	0.65	0.00	0.00	0.00	0.00	0.00	10.78	144.94
1981	Dry	0.00	0.00	28.88	26.57	20.43	8.02	0.00	0.00	0.00	5.56	0.00	13.17	102.63
1982	Wet	0.39	48.54	25.67	24.88	74.67	73.35	8.13	0.00	0.00	0.00	0.00	15.41	271.04
1983	Wet	36.53	41.30	67.41	0.00	0.12	0.67	1.24	2.54	2.78	3.45	0.00	18.34	174.38
1984	Wet	1.41	0.35	0.04	0.00	0.10	0.84	0.00	0.00	0.00	12.13	20.50	6.76	42.13
1985	Dry	14.87	59.26	60.23	0.00	0.11	0.00	0.00	0.00	0.00	17.82	0.00	30.02	182.31
1986	Wet	16.50	35.68	21.97	5.52	90.82	0.81	0.00	0.00	0.00	0.00	0.00	12.93	184.23
1987	Dry	0.00	0.00	24.61	29.71	27.19	20.42	0.00	0.00	0.00	0.00	0.00	5.79	107.72
1988	Critical	0.00	2.81	38.24	34.93	2.38	14.07	0.00	0.00	0.00	24.55	0.00	0.00	116.98
1989	Dry	0.00	39.80	39.25	52.17	5.83	3.34	0.00	0.00	0.00	1.60	0.00	25.67	167.66
1990	Critical	7.42	0.00	20.24	28.12	12.72	0.00	0.00	0.00	0.00	37.12	0.00	0.00	105.62
1991	Critical	0.00	0.91	4.32	5.02	11.43	7.39	0.00	0.00	0.00	36.17	0.00	0.00	65.24
1992	Critical	3.35	0.00	16.21	14.37	18.85	26.48	0.00	0.00	0.00	0.00	0.00	3.93	83.19
1993	Above Normal	0.00	0.05	30.34	44.39	10.56	5.02	0.00	0.00	0.00	9.20	14.03	25.25	138.84
1994	Critical	3.83	0.00	57.22	33.28	28.88	4.19	0.00	0.00	0.00	1.52	0.00	0.32	129.24
1995	Wet	0.18	0.03	0.00	31.09	12.48	87.48	0.00	1.52	0.00	0.00	2.38	19.04	154.20
1996	Wet	0.00	0.00	0.01	11.68	84.97	52.13	0.00	0.00	0.00	15.91	17.84	27.69	210.23
1997	Wet	0.00	0.00	72.09	80.87	71.06	36.20	0.00	0.00	0.00	0.00	6.39	19.37	285.98
1998	Wet	0.00	0.00	37.75	10.09	58.27	46.10	0.00	0.00	11.09	15.06	20.33	34.30	232.99
1999	Wet	53.72	45.74	0.00	0.00	0.06	0.56	0.00	0.00	0.00	21.34	24.71	0.00	146.13
2000	Above Normal	0.00	0.00	62.17	2.53	23.39	44.47	0.00	0.00	0.00	6.33	14.56	28.88	182.33
2001	Dry	0.00	0.00	71.73	40.49	29.01	28.73	0.00	0.00	0.00	0.00	0.00	8.48	178.44
2002	Dry	0.00	28.20	49.26	38.86	49.40	17.02	0.00	0.00	0.00	10.26	0.00	12.76	205.76
2003	Above Normal	0.00	0.06	0.01	25.93	32.33	26.41	0.00	0.00	0.48	8.55	16.77	29.19	139.73
	Average	6.27	13.43	36.27	32.32	24.89	17.97	0.15	0.09	0.37	9.63	8.31	19.54	169.24
	Wet	9.26	20.70	30.22	29.43	27.21	25.59	0.42	0.26	0.53	8.87	11.24	20.37	184.10
	Above Normal	6.31	11.76	43.56	28.73	13.84	19.80	0.00	0.00	1.29	7.48	12.94	27.10	172.80
	Below Normal	5.49	11.17	36.78	26.20	30.82	15.41	0.00	0.00	0.03	10.57	15.47	30.16	182.09
	Dry	4.23	13.96	45.39	38.11	28.12	14.12	0.00	0.00	0.00	10.52	0.93	16.35	171.72
	Critical	3.72	1.20	27.77	40.64	19.19	8.41	0.11	0.02	0.04	11.01	0.04	2.59	114.75

Energy Use (GWh) At Pumping Plant at SWP San Luis: Alternative1_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	0.00	58.18	45.80	0.00	14.41	0.00	0.00	14.93	20.82	22.00	33.80	209.94
1923	Below Normal	11.59	0.00	25.04	0.00	0.00	0.00	0.00	0.00	0.00	14.16	21.21	37.52	109.52
1924	Critical	8.89	2.70	11.32	34.53	21.78	0.00	0.00	0.00	0.00	26.03	0.00	0.00	105.25
1925	Dry	19.26	34.73	54.10	55.13	32.13	34.16	0.00	0.00	0.00	11.89	0.00	33.27	274.67
1926	Dry	0.90	0.41	14.08	49.61	16.96	0.00	0.00	0.00	0.00	21.17	0.00	9.59	112.72
1927	Wet	0.00	71.34	36.44	34.66	32.32	0.00	0.00	0.00	0.00	19.06	21.47	36.71	252.00
1928	Above Normal	0.00	0.00	66.38	29.05	0.00	38.53	0.00	0.00	0.00	4.71	6.31	22.51	167.49
1929	Critical	0.00	0.00	18.83	23.64	20.64	27.82	1.35	0.00	0.00	0.00	0.00	0.34	92.62
1930	Dry	0.22	0.06	33.23	34.05	29.18	34.95	0.00	0.00	0.00	36.85	3.51	59.95	232.00
1931	Critical	0.82	4.36	6.45	54.21	30.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96.15
1932	Dry	0.00	11.06	104.93	57.06	110.61	10.98	0.00	0.00	0.00	0.00	8.58	0.00	303.22
1933	Critical	1.05	0.50	35.44	117.49	9.63	0.68	0.00	0.00	0.00	0.00	0.00	0.00	164.79
1934	Critical	0.00	3.12	61.72	106.62	71.61	9.95	0.00	0.00	0.00	0.00	0.00	0.39	253.41
1935	Below Normal	0.23	15.51	41.08	63.59	72.09	39.96	0.00	0.00	0.00	12.12	18.12	34.46	297.16
1936	Below Normal	13.18	3.68	19.66	23.20	129.65	30.84	0.00	0.00	0.00	14.00	17.00	32.42	283.63
1937	Below Normal	17.12	0.00	60.53	54.16	37.61	0.72	0.00	0.00	0.00	0.00	0.00	0.00	170.14
1938	Wet	0.00	37.54	13.37	92.79	73.04	63.85	0.00	0.00	0.00	0.00	0.00	8.74	289.33
1939	Dry	0.00	0.00	36.09	13.17	2.37	0.00	0.00	0.00	0.00	2.56	0.00	0.32	54.51
1940	Above Normal	0.18	0.05	0.01	27.53	40.20	59.36	0.00	0.00	0.00	0.48	6.01	24.03	157.85
1941	Wet	0.54	0.00	25.34	40.76	78.49	71.35	0.00	0.00	0.00	10.95	12.08	17.73	257.24
1942	Wet	0.00	0.00	11.71	11.79	8.83	10.38	0.00	0.00	0.00	15.83	20.05	25.41	104.00
1943	Wet	2.68	0.00	27.94	28.98	29.85	70.45	0.00	0.00	0.00	0.00	3.29	11.75	174.94
1944	Dry	0.00	0.00	21.19	32.77	35.47	15.55	0.00	0.00	0.00	23.58	4.74	0.00	133.30
1945	Below Normal	3.67	67.52	43.68	51.75	50.37	14.22	0.00	0.00	0.00	12.02	14.97	28.42	286.62
1946	Below Normal	20.52	54.01	40.12	0.55	0.00	0.00	0.00	0.00	0.00	20.61	22.41	40.81	199.03
1947	Dry	22.96	23.68	39.44	27.62	22.05	0.00	0.00	0.00	0.00	8.63	0.00	22.03	166.41
1948	Below Normal	4.02	0.15	0.00	5.98	0.00	19.33	0.00	0.00	0.42	8.07	14.77	26.79	79.53
1949	Dry	1.56	1.10	35.25	47.29	43.85	10.74	0.00	0.00	0.00	3.40	0.00	22.32	165.51
1950	Below Normal	0.00	0.06	0.00	26.02	28.02	36.48	0.00	0.00	0.00	4.31	12.29	27.39	134.57
1951	Above Normal	34.04	68.80	97.53	26.65	0.11	0.71	0.00	0.00	0.00	5.38	13.62	33.15	279.99
1952	Wet	0.00	14.68	15.06	13.65	0.00	50.48	0.00	0.00	0.00	8.60	16.53	32.26	151.26
1953	Wet	0.00	0.00	61.91	0.00	0.00	0.00	0.00	0.00	0.00	12.10	19.55	35.04	128.60
1954	Above Normal	0.00	0.00	41.94	22.70	0.00	21.55	0.00	0.00	0.00	0.00	13.31	27.81	127.31
1955	Dry	0.61	14.26	83.29	56.35	37.50	12.17	0.00	0.00	0.00	19.66	0.00	0.00	223.84
1956	Wet	0.00	24.18	56.50	114.44	14.86	0.71	0.00	0.00	0.00	9.78	10.83	21.33	252.63
1957	Above Normal	0.00	0.00	55.91	16.79	0.00	1.05	0.00	0.00	0.00	0.50	11.02	24.09	109.36
1958	Wet	44.22	4.08	26.23	36.94	3.48	61.41	0.00	0.00	0.00	0.00	0.00	8.61	184.97
1959	Below Normal	0.00	0.00	24.91	8.46	13.93	22.96	0.00	0.00	0.00	8.48	14.03	31.48	124.25
1960	Dry	1.84	0.00	1.14	46.79	28.26	19.23	0.00	0.00	0.00	0.97	0.00	21.18	119.41
1961	Dry	0.00	10.18	62.03	44.43	17.45	39.14	0.00	0.00	0.00	9.83	0.00	0.28	183.34
1962	Below Normal	0.18	0.05	0.00	27.92	37.11	34.60	0.00	0.00	0.00	6.21	11.72	24.37	142.16
1963	Wet	48.87	64.74	25.26	0.00	0.00	1.70	0.00	0.00	0.00	21.26	26.36	44.59	232.78
1964	Dry	13.31	29.29	49.07	32.51	0.00	0.00	0.00	0.00	0.00	15.09	0.00	29.02	168.29
1965	Wet	0.00	4.40	17.12	40.41	0.00	9.51	0.00	0.00	0.00	13.86	17.64	26.61	129.55
1966	Below Normal	0.00	15.09	79.75	6.04	0.00	0.00	0.00	0.00	0.00	12.15	16.99	36.45	166.47
1967	Wet	4.66	23.40	44.58	53.50	0.00	8.27	0.00	0.00	0.00	0.00	0.00	9.79	144.20
1968	Below Normal	0.00	0.00	29.23	27.55	0.06	21.14	0.00	0.00	0.00	7.10	13.93	30.84	129.85
1969	Wet	0.62	24.28	85.55	25.56	70.99	0.65	0.00	9.99	0.00	4.31	0.00	13.80	235.75
1970	Wet	0.00	0.00	2.11	84.47	15.81	21.84	0.00	0.00	0.00	21.66	19.80	11.58	177.27
1971	Wet	0.00	39.29	15.89	0.00	0.00	1.60	0.00	0.00	0.00	14.19	21.38	38.65	131.00
1972	Below Normal	4.64	0.00	82.39	30.75	0.00	0.00	0.00	0.00	0.00	9.79	17.66	36.42	181.65
1973	Above Normal	21.70	69.00	32.84	41.39	0.12	0.56	0.00	0.00	0.00	14.62	15.64	29.92	225.79
1974	Wet	18.62	56.23	21.89	4.14	0.00	0.00	0.00	0.00	0.00	11.68	13.13	25.63	151.32
1975	Wet	11.85	0.00	61.82	2.11	1.70	18.73	0.00	0.00	0.00	13.33	15.31	25.56	150.41
1976	Critical	19.41	0.00	61.76	18.89	0.08	10.29	0.00	0.00	0.00	6.25	0.00	25.68	142.36
1977	Critical	0.00	0.00	0.00	16.59	4.01	0.00	0.00	0.23	0.52	0.50	0.45	0.30	22.60
1978	Above Normal	0.19	0.05	0.01	32.39	47.97	18.25	0.00	0.00	0.00	11.41	14.84	26.73	151.84
1979	Below Normal	0.00	0.00	49.19	43.93	59.39	8.35	0.00	0.00	0.00	21.26	24.52	37.75	244.39
1980	Above Normal	19.23	14.68	75.79	28.23	0.13	0.65	0.00	0.00	0.00	11.18	8.97	9.51	168.37
1981	Dry	0.00	0.00	53.98	19.86	0.00	0.00	0.00	0.00	0.00	4.55	0.00	14.45	92.84
1982	Wet	1.10	49.27	25.31	23.15	72.98	72.96	8.13	0.00	0.00	0.00	0.00	15.10	268.00
1983	Wet	35.35	39.44	67.61	2.38	0.12	0.67	1.24	2.54	2.78	3.45	0.00	18.35	173.93
1984	Wet	1.41	0.35	0.04	0.00	0.10	0.84	0.00	0.00	0.00	12.13	20.50	6.76	42.13
1985	Dry	14.87	59.26	60.24	0.00	0.11	0.00	0.00	0.00	0.00	17.82	0.00	30.02	182.32
1986	Wet	16.50	35.67	21.97	5.52	70.27	22.22	0.00	0.00	0.00	0.00	0.00	12.09	184.24
1987	Dry	0.00	0.00	24.21	29.62	27.09	20.33	0.00	0.00	0.00	0.00	0.00	5.77	107.02
1988	Critical	0.00	2.83	38.48	34.98	2.37	14.10	0.00	0.00	0.00	23.56	0.00	0.00	116.32
1989	Dry	0.00	39.39	39.14	52.12	5.85	3.42	0.00	0.00	0.00	1.39	0.00	25.26	166.57
1990	Critical	7.20	0.00	19.95	28.52	12.99	0.00	0.00	0.00	0.00	36.72	0.00	0.00	105.38
1991	Critical	0.00	0.89	4.15	4.72	11.23	7.35	0.00	0.00	0.00	35.90	0.00	0.00	64.24
1992	Critical	3.27	0.00	16.03	13.99	18.80	26.40	0.00	0.00	0.00	0.00	0.00	4.16	82.65
1993	Above Normal	0.00	0.05	30.82	44.71	10.53	4.80	0.00	0.00	0.00	9.37	14.16	25.33	139.77
1994	Critical	3.83	0.00	57.81	33.08	28.71	4.17	0.00	0.00	0.00	1.57	0.00	0.32	129.49
1995	Wet	0.18	0.03	0.00	31.06	12.45	86.51	0.00	0.00	0.00	0.00	0.88	12.94	144.05
1996	Wet	0.00	0.07	0.01	11.72	85.24	50.39	0.00	0.00	0.00	15.95	17.97	27.86	209.21
1997	Wet	0.00	0.00	72.20	80.76	71.03	35.84	0.00	0.00	0.00	0.00	6.38	19.36	285.57
1998	Wet	0.00	0.00	37.73	10.10	58.08	45.74	0.00	0.00	11.48	15.46	20.74	34.58	233.91
1999	Wet	53.93	46.68	0.00	0.00	0.06	0.56	0.00	0.00	0.00	21.35	24.72	0.00	147.30
2000	Above Normal	0.00	0.00	62.17	2.53	21.38	44.29	0.00	0.00	0.00	6.04	14.40	28.74	179.55
2001	Dry	0.00	0.00	70.60	41.02	29.49	28.85	0.00	0.00	0.00	0.00	0.00	8.42	178.38
2002	Dry	0.00	28.11	49.19	38.81	49.35	17.01	0.00	0.00	0.00	10.33	0.00	13.46	206.26
2003	Above Normal	0.00	0.06	0.01	25.93	32.33	26.41	0.00	0.00	0.48	8.55	16.77	29.19	139.73
	Average	6.23	13.54	36.02	32.05	24.40	18.45	0.13	0.16	0.37	9.84	8.57	19.60	169.36
	Wet	9.25	20.60	29.75	28.80	26.91	27.18	0.36	0.48	0.55	9.42	11.87	20.80	185.98
	Above Normal	6.28	12.72	43.47	28.64	12.73	19.21	0.00	0.00	1.28	7.76	13.09	26.23	171.42
	Below Normal	5.37	11.15	35.40	26.42	30.59	16.33	0.00	0.00	0.03	10.73	15.69	30.37	182.07
	Dry	4.20	13.97	46.18	37.68	27.10	13.70	0.00	0.00	0.00	10.43	0.94	16.41	170.59
	Critical	3.71	1.20	27.66	40.61	19.35	8.40	0.11	0.02	0.04	10.88	0.04	2.60	114.61

Difference in Energy Use (GWh) At Pumping Plant at SWP San Luis: Alternative1_2020 minus CONV_NA

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	(0.05)	0.00	0.00	(0.04)	(0.55)	(0.23)	(0.04)	(0.08)
1923	Below Normal	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.13)	(0.08)	(0.11)	(0.03)
1924	Critical	0.03	0.06	0.09	0.17	0.16	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.04
1925	Dry	(0.05)	(0.04)	(0.02)	0.00	0.02	0.49	0.00	0.00	0.00	(0.05)	0.00	(0.06)	0.02
1926	Dry	0.00	0.00	(0.04)	(0.02)	0.01	0.00	0.00	0.00	0.00	0.05	0.00	(0.25)	(0.02)
1927	Wet	0.00	0.02	0.02	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.01
1928	Above Normal	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00
1929	Critical	0.00	0.00	(0.04)	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	(0.02)	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.00	0.01	0.00
1931	Critical	0.00	(0.02)	(0.01)	0.01	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	(0.01)	0.01	0.01	0.16	(0.09)	0.00	0.00	0.00	0.00	(0.01)	0.00	0.01
1933	Critical	(0.01)	0.00	(1.73)	(0.19)	1.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	(0.02)	0.03	(0.03)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	(0.08)	(0.11)	(2.45)	(0.15)	0.03	0.00	0.00	0.00	(0.42)	(0.16)	0.04	(0.27)
1936	Below Normal	(0.48)	0.33	(0.13)	(0.05)	0.44	1.87	0.00	0.00	0.00	(0.01)	(0.02)	(0.01)	0.16
1937	Below Normal	(0.03)	0.00	0.07	0.11	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1938	Wet	0.00	(0.78)	(12.67)	(6.51)	(1.37)	27.58	0.00	0.00	0.00	0.00	0.00	(1.47)	0.40
1939	Dry	0.00	0.00	(8.06)	(4.26)	1.88	0.00	0.00	0.00	0.00	2.07	(0.43)	0.00	(0.73)
1940	Above Normal	0.00	0.00	0.00	0.51	0.15	0.39	0.00	0.00	0.00	0.01	(0.01)	0.00	0.09
1941	Wet	0.00	0.00	0.31	0.13	(2.35)	0.13	0.00	0.00	0.00	(0.49)	(0.30)	(0.36)	(0.24)
1942	Wet	0.00	0.00	0.22	(0.03)	(1.32)	0.20	0.00	0.00	0.00	(0.02)	0.00	0.00	(0.08)
1943	Wet	0.00	0.00	0.02	(6.39)	0.75	(0.21)	0.00	0.00	0.00	0.00	0.37	(0.16)	(0.47)
1944	Dry	0.00	0.00	(2.57)	1.45	1.39	0.46	0.00	0.00	0.00	(0.05)	0.57	0.00	0.10
1945	Below Normal	(0.02)	(0.31)	(0.05)	(0.08)	(5.55)	6.44	0.00	0.00	0.00	(0.18)	(0.13)	(0.11)	0.00
1946	Below Normal	0.00	(0.07)	(0.10)	0.02	0.00	0.00	0.00	0.00	0.00	(0.55)	(0.32)	(0.18)	(0.10)
1947	Dry	(0.58)	0.39	0.78	0.95	(1.33)	0.00	0.00	0.00	0.00	(0.20)	0.00	(0.13)	(0.01)
1948	Below Normal	(1.11)	(0.12)	0.00	0.97	0.00	0.31	0.00	0.00	0.00	(0.05)	(0.03)	(0.08)	(0.01)
1949	Dry	0.00	(0.28)	(0.30)	(0.03)	(0.01)	0.04	0.00	0.00	0.00	(0.14)	0.00	0.00	(0.06)
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1951	Above Normal	(0.01)	0.00	(12.94)	13.81	0.00	0.00	0.00	0.00	0.00	(0.05)	(0.05)	0.45	0.10
1952	Wet	0.00	(0.05)	(0.04)	(1.29)	0.00	(0.60)	0.00	0.00	0.00	8.60	15.70	13.22	2.96
1953	Wet	0.00	0.00	14.74	0.00	(5.59)	(20.83)	0.00	0.00	0.00	1.04	1.07	3.08	(0.54)
1954	Above Normal	0.00	0.00	5.01	(1.93)	(2.24)	(3.10)	0.00	0.00	0.00	(0.52)	0.46	0.71	(0.13)
1955	Dry	0.02	0.76	0.97	0.59	(0.41)	(0.72)	0.00	0.00	0.00	(2.04)	0.00	0.00	(0.07)
1956	Wet	0.00	(1.55)	(14.92)	8.74	14.77	0.00	0.00	0.00	0.00	(0.18)	(0.19)	(0.24)	0.54
1957	Above Normal	0.00	0.00	(0.23)	(0.06)	0.00	0.97	0.00	0.00	0.00	0.00	(0.05)	(0.07)	0.05
1958	Wet	(0.13)	(0.12)	(0.08)	(0.01)	0.05	0.02	0.00	0.00	0.00	0.00	0.00	(0.47)	(0.06)
1959	Below Normal	0.00	0.00	0.08	(0.02)	0.04	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.01
1960	Dry	0.00	0.00	0.00	(0.03)	(0.02)	0.06	0.00	0.00	0.00	0.00	0.00	0.03	0.00
1961	Dry	0.00	0.02	(0.01)	(0.02)	(0.02)	(0.01)	0.00	0.00	0.00	(0.12)	0.00	0.00	(0.01)
1962	Below 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
1963	Wet	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.01)	0.00	0.00
1964	Dry	0.01	(0.01)	0.00	(0.05)	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.01	0.00
1965	Wet	0.00	0.00	(0.01)	(0.15)	0.00	(0.11)	0.00	0.00	0.00	(0.20)	(0.09)	0.02	(0.05)
1966	Below Normal	0.00	0.01	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
1967	Wet	0.01	(0.01)	0.00	(0.01)	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	(1.29)	(0.11)
1968	Below Normal	0.00	0.00	(3.02)	2.11	0.06	0.69	0.00	0.00	0.00	(0.18)	(0.18)	(0.18)	(0.06)
1969	Wet	0.00	(0.28)	(0.25)	(7.99)	9.51	0.00	(1.54)	7.21	0.00	4.31	0.00	1.14	1.01
1970	Wet	0.00	0.00	(0.11)	(0.88)	0.14	19.24	0.00	0.00	0.00	0.29	0.37	3.79	1.90
1971	Wet	0.00	0.45	0.45	0.00	0.00	(1.32)	0.00	0.00	0.00	0.45	0.36	0.55	0.08
1972	Below Normal	(0.04)	0.00	(0.25)	(1.20)	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.01	(0.12)
1973	Above Normal	(0.03)	(0.08)	(0.16)	(0.05)	0.00	0.00	0.00	0.00	0.00	(0.06)	(1.32)	(0.06)	(0.15)
1974	Wet	0.00	0.00	0.00	(2.17)	0.00	0.00	0.00	0.00	0.00	(0.06)	0.09	0.16	(0.17)
1975	Wet	0.18	0.00	0.20	(0.37)	(0.12)	(0.40)	0.00	0.00	0.00	0.09	0.09	0.09	(0.02)
1976	Critical	0.09	0.00	0.13	0.05	0.01	(0.07)	0.00	0.00	0.00	0.00	0.00	(0.13)	0.01
1977	Critical	0.00	0.00	0.00	(0.03)	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	(0.10)	(9.12)	(4.81)	0.00	0.00	0.00	(6.60)	(5.97)	(10.05)	(3.05)
1979	Below Normal	0.00	0.00	(15.92)	3.68	1.95	3.47	0.00	0.00	0.00	3.84	4.01	3.45	0.37
1980	Above Normal	(0.30)	11.61	6.76	(13.52)	0.00	0.00	0.00	0.00	0.00	11.18	8.97	(1.27)	1.95
1981	Dry	0.00	0.00	25.10	(6.71)	(20.43)	(8.02)	0.00	0.00	0.00	(1.01)	0.00	1.28	(0.82)
1982	Wet	0.71	0.73	(0.36)	(1.73)	(1.69)	(0.39)	0.00	0.00	0.00	0.00	0.00	(0.31)	(0.25)
1983	Wet	(1.18)	(1.86)	0.20	2.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(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	0.00	0.00
1985	Dry	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	(0.01)	0.00	0.00	(20.55)	21.41	0.00	0.00	0.00	0.00	0.00	(0.84)	0.00
1987	Dry	0.00	0.00	(0.40)	(0.09)	(0.10)	(0.09)	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.06)
1988	Critical	0.00	0.02	0.24	0.05	(0.01)	0.03	0.00	0.00	0.00	(0.99)	0.00	0.00	(0.06)
1989	Dry	0.00	(0.41)	(0.11)	(0.05)	0.02	0.08	0.00	0.00	0.00	(0.21)	0.00	(0.41)	(0.09)
1990	Critical	(0.22)	0.00	(0.29)	0.40	0.27	0.00	0.00	0.00	0.00	(0.40)	0.00	0.00	(0.02)
1991	Critical	0.00	(0.02)	(0.17)	(0.30)	(0.20)	(0.04)	0.00	0.00	0.00	(0.27)	0.00	0.00	(0.08)
1992	Critical	(0.08)	0.00	(0.18)	(0.38)	(0.05)	(0.08)	0.00	0.00	0.00	0.00	0.00	0.23	(0.05)
1993	Above Normal	0.00	0.00	0.48	0.32	(0.03)	(0.22)	0.00	0.00	0.00	0.17	0.13	0.08	0.08
1994	Critical	0.00	0.00	0.59	(0.20)	(0.17)	(0.02)	0.00	0.00	0.00	0.05	0.00	0.00	0.02
1995	Wet	0.00	0.00	0.00	(0.03)	(0.03)	(0.97)	0.00	(1.52)	0.00	0.00	(1.50)	(6.10)	(0.85)
1996	Wet	0.00	0.07	0.00	0.04	0.27	(1.74)	0.00	0.00	0.00	0.04	0.13	0.17	(0.09)
1997	Wet	0.00	0.00	0.11	(0.11)	(0.03)	(0.36)	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.03)
1998	Wet	0.00	0.00	(0.02)	0.01	(0.19)	(0.36)	0.00	0.00	0.39	0.40	0.41	0.28	0.08
1999	Wet	0.21	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.10
2000	Above Normal	0.00	0.00	0.00	0.00	(2.01)	(0.18)	0.00	0.00	0.00	(0.29)	(0.16)	(0.14)	(0.23)
2001	Dry	0.00	0.00	(1.13)	0.53	0.48	0.12	0.00	0.00	0.00	0.00	0.00	(0.06)	(0.01)
2002	Dry	0.00	(0.09)	(0.07)	(0.05)	(0.05)	(0.01)	0.00	0.00	0.00	0.07	0.00	0.70	0.04
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	(0.04)	0.11	(0.24)	(0.27)	(0.50)	0.48	(0.02)	0.07	0.00	0.20	0.26	0.06	0.01
	Wet	(0.01)	(0.09)	(0.47)	(0.63)	(0.30)	1.59	(0.06)	0.22	0.02	0.55	0.63	0.43	0.16
	Above Normal	(0.03)	0.96	(0.09)	(0.09)	(1.10)	(0.58)	0.00	0.00	(0.00)	0.27	0.15	(0.87)	(0.11)
	Below Normal	(0.12)	(0.02)	(1.39)	0.22	(0.23)	0.92	0.00	0.00	0.00	0.17	0.22	0.20	(0.00)
	Dry	(0.03)	0.02	0.79	(0.43)	(1.02)	(0.43)	0.00	0.00	0.00	(0.09)	0.01	0.06	(0.10)
	Critical	(0.02)	0.00	(0.11)	(0.04)	0.16	(0.02)	0.00	0.00	0.00	(0.14)	0.00	0.01	(0.01)

Percent Difference in Energy Use (GWh) At Pumping Plant at SWP San Luis: Alternative1_2020 minus CONV_NA

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%	-3%	-1%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1924	Critical	0%	2%	1%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1933	Critical	-1%	0%	-5%	0%	25%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	-1%	0%	-4%	0%	0%	0%	0%	0%	-3%	-1%	0%
1936	Below Normal	-4%	10%	-1%	0%	0%	6%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	-2%	-49%	-7%	-2%	76%	0%	0%	0%	0%	0%	-14%
1939	Dry	0%	0%	-18%	-24%	384%	0%	0%	0%	0%	422%	-100%	0%
1940	Above Normal	0%	0%	0%	2%	0%	1%	0%	0%	0%	2%	0%	0%
1941	Wet	0%	0%	1%	0%	-3%	0%	0%	0%	0%	-4%	-2%	-2%
1942	Wet	0%	0%	2%	0%	-13%	2%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-18%	3%	0%	0%	0%	0%	0%	13%	-1%
1944	Dry	0%	0%	-11%	5%	4%	3%	0%	0%	0%	0%	14%	0%
1945	Below Normal	-1%	0%	0%	0%	-10%	83%	0%	0%	0%	-1%	-1%	0%
1946	Below Normal	0%	0%	0%	4%	0%	0%	0%	0%	0%	-3%	-1%	0%
1947	Dry	-2%	2%	2%	4%	-6%	0%	0%	0%	0%	-2%	0%	-1%
1948	Below Normal	-22%	-44%	0%	19%	0%	2%	0%	0%	0%	-1%	0%	0%
1949	Dry	0%	-20%	-1%	0%	0%	0%	0%	0%	0%	-4%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-12%	108%	0%	0%	0%	0%	0%	-1%	0%	1%
1952	Wet	0%	0%	0%	-9%	0%	-1%	0%	0%	0%	-	>1,000%	69%
1953	Wet	0%	0%	31%	0%	-100%	-100%	0%	0%	0%	9%	6%	10%
1954	Above Normal	0%	0%	14%	-8%	-100%	-13%	0%	0%	0%	-100%	4%	3%
1955	Dry	3%	6%	1%	1%	-1%	-6%	0%	0%	0%	-9%	0%	0%
1956	Wet	0%	-6%	-21%	8%	>1,000%	0%	0%	0%	0%	-2%	-2%	-1%
1957	Above Normal	0%	0%	0%	0%	0%	>1,000%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	-3%	0%	0%	1%	0%	0%	0%	0%	0%	0%	-5%
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%	-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%	-1%	0%	0%	0%	-1%	-1%	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%	0%	0%	0%	0%	-12%
1968	Below Normal	0%	0%	-9%	8%	-	3%	0%	0%	0%	-2%	-1%	-1%
1969	Wet	0%	-1%	0%	-24%	15%	0%	-100%	259%	0%	-	0%	9%
1970	Wet	0%	0%	-5%	-1%	1%	740%	0%	0%	0%	1%	2%	49%
1971	Wet	0%	1%	3%	0%	0%	-45%	0%	0%	0%	3%	2%	1%
1972	Below Normal	-1%	0%	0%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-8%	0%
1974	Wet	0%	0%	0%	-34%	0%	0%	0%	0%	0%	-1%	1%	1%
1975	Wet	2%	0%	0%	-15%	-7%	-2%	0%	0%	0%	1%	1%	0%
1976	Critical	0%	0%	0%	0%	14%	-1%	0%	0%	0%	0%	0%	-1%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	21%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	-16%	-21%	0%	0%	0%	-37%	-29%	-27%
1979	Below Normal	0%	0%	-24%	9%	3%	71%	0%	0%	0%	22%	20%	10%
1980	Above Normal	-2%	378%	10%	-32%	0%	0%	0%	0%	0%	-	-	-12%
1981	Dry	0%	0%	87%	-25%	-100%	-100%	0%	0%	0%	-18%	0%	10%
1982	Wet	182%	2%	-1%	-7%	-2%	-1%	0%	0%	0%	0%	0%	-2%
1983	Wet	-3%	-5%	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%	-23%	>1,000%	0%	0%	0%	0%	0%	-6%
1987	Dry	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	1%	1%	0%	0%	0%	0%	0%	0%	-4%	0%	0%
1989	Dry	0%	-1%	0%	0%	0%	2%	0%	0%	0%	-13%	0%	-2%
1990	Critical	-3%	0%	-1%	1%	2%	0%	0%	0%	0%	-1%	0%	0%
1991	Critical	0%	-2%	-4%	-6%	-2%	-1%	0%	0%	0%	-1%	0%	0%
1992	Critical	-2%	0%	-1%	-3%	0%	0%	0%	0%	0%	0%	0%	6%
1993	Above Normal	0%	0%	2%	1%	0%	-4%	0%	0%	0%	2%	1%	0%
1994	Critical	0%	0%	1%	-1%	-1%	0%	0%	0%	0%	3%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-1%	0%	-100%	0%	0%	-63%	-32%
1996	Wet	0%	-	0%	0%	0%	-3%	0%	0%	0%	0%	1%	1%
1997	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	4%	3%	2%	1%
1999	Wet	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	-9%	0%	0%	0%	0%	-5%	-1%	0%
2001	Dry	0%	0%	-2%	1%	2%	0%	0%	0%	0%	0%	0%	-1%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	5%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	2%	4%	0%	-1%	1%	9%	-1%	2%	0%	3%	-2%	1%
	Wet	7%	0%	-1%	-4%	-5%	25%	-4%	6%	0%	0%	-2%	2%
	Above Normal	0%	32%	1%	6%	-10%	-3%	0%	0%	0%	-12%	-3%	-3%
	Below Normal	-2%	-3%	-2%	2%	0%	12%	0%	0%	0%	1%	1%	1%
	Dry	0%	-1%	3%	-2%	16%	-5%	0%	0%	0%	21%	-5%	1%
	Critical	0%	0%	-1%	-1%	3%	0%	0%	2%	0%	0%	0%	0%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	1,094.41	947.92	902.50	287.47	631.37	766.09	675.50	691.90	791.16	829.53	829.57	793.90	9,241.32
1923	Below Normal	643.23	573.98	604.79	898.56	892.07	716.01	578.36	660.09	693.54	831.85	849.84	779.49	8,721.81
1924	Critical	556.80	483.15	427.54	246.81	233.76	220.86	324.48	392.35	397.76	502.67	359.70	315.26	4,461.14
1925	Dry	221.18	210.07	229.82	152.66	168.06	493.53	592.60	758.09	785.55	941.44	890.34	870.32	6,313.66
1926	Dry	601.50	540.44	466.69	182.19	166.66	281.15	447.47	627.94	669.18	807.94	741.77	671.50	6,204.43
1927	Wet	472.39	588.20	423.44	170.77	474.07	813.41	720.34	735.28	758.53	870.22	870.78	842.30	7,739.73
1928	Above Normal	674.43	625.31	760.54	530.79	563.47	500.90	819.75	830.82	844.43	941.07	951.34	920.66	8,963.51
1929	Critical	771.61	695.58	759.19	525.54	488.11	341.40	328.71	426.44	436.59	434.65	403.51	70.62	5,681.95
1930	Dry	222.37	270.56	311.04	146.44	186.99	285.81	500.70	582.64	616.25	749.77	641.69	669.99	5,184.25
1931	Critical	345.45	293.10	237.89	182.70	182.07	228.35	394.38	470.48	483.22	523.85	437.77	379.88	4,159.14
1932	Dry	219.79	193.88	366.51	190.05	371.80	588.99	435.53	577.90	605.83	675.67	715.12	587.33	5,528.40
1933	Critical	429.22	378.25	374.98	296.10	735.57	267.46	392.97	570.25	578.03	641.64	592.67	504.73	5,761.87
1934	Critical	342.91	301.11	360.28	286.37	249.00	257.53	449.07	547.23	557.81	556.45	311.16	37.42	4,256.34
1935	Below Normal	522.01	458.11	412.21	211.22	305.20	383.26	753.63	793.08	819.49	943.53	955.13	900.86	7,457.73
1936	Below Normal	733.38	653.43	649.12	390.96	641.23	1,152.66	718.66	812.42	832.66	943.01	944.72	913.35	9,385.60
1937	Below Normal	796.02	688.90	815.78	600.38	1,036.29	950.69	894.13	979.79	1,027.62	1,095.64	1,095.31	987.32	10,967.87
1938	Wet	916.84	947.98	912.92	769.56	1,056.64	1,169.09	1,010.90	1,103.36	1,095.29	1,129.86	1,128.13	1,076.65	12,317.22
1939	Dry	939.08	832.80	981.25	655.38	662.68	525.41	663.11	764.55	201.80	1,010.44	422.39	888.99	8,547.88
1940	Above Normal	189.25	150.73	821.48	145.11	197.05	500.18	653.87	759.47	624.66	927.95	1,007.45	906.85	6,884.05
1941	Wet	643.31	562.06	529.20	382.29	834.15	933.91	805.78	817.39	848.18	939.30	937.80	885.17	9,118.54
1942	Wet	737.62	647.55	718.85	937.46	935.01	959.29	620.59	668.77	717.69	820.61	830.74	753.67	9,347.85
1943	Wet	566.36	472.15	510.77	759.16	899.26	932.88	883.87	889.90	909.89	1,011.72	1,012.97	965.88	9,814.81
1944	Dry	820.13	37.05	1,119.46	418.18	405.31	351.49	503.73	584.23	618.03	750.12	672.76	556.37	6,836.86
1945	Below Normal	383.75	475.75	343.63	234.03	270.31	1,125.42	711.90	788.85	797.46	918.38	919.46	887.79	7,856.73
1946	Below Normal	784.31	793.14	753.68	924.14	891.70	1,019.88	615.67	641.44	642.92	784.78	786.01	757.01	9,394.68
1947	Dry	617.51	569.15	581.39	472.85	515.05	376.71	813.36	827.10	825.45	949.50	892.49	916.69	8,357.25
1948	Below Normal	783.57	719.17	691.65	451.00	391.07	319.97	398.31	310.49	127.10	1,006.71	1,030.61	925.23	7,154.88
1949	Dry	658.16	591.64	554.10	220.28	241.43	296.48	702.23	788.95	817.96	960.68	564.99	993.18	7,390.08
1950	Below Normal	671.99	334.18	437.76	160.29	175.89	315.13	597.99	681.13	84.55	988.17	1,008.93	905.37	6,361.38
1951	Above Normal	710.57	710.89	674.28	1,040.89	974.17	1,112.56	613.50	718.60	741.03	824.82	846.31	820.35	9,787.97
1952	Wet	658.36	648.30	634.00	940.46	937.62	1,166.53	817.01	943.52	991.85	1,042.36	1,041.13	1,006.71	10,827.85
1953	Wet	850.29	756.00	907.04	919.67	775.72	577.74	552.15	644.13	292.85	896.92	915.26	824.81	8,912.58
1954	Above Normal	549.18	468.92	479.81	174.55	455.92	457.18	623.15	722.05	723.27	860.28	940.81	845.64	7,300.76
1955	Dry	586.67	554.27	595.63	221.99	252.90	369.57	568.15	647.47	649.02	833.60	772.43	667.39	6,719.09
1956	Wet	495.33	509.03	511.52	841.21	1,009.36	1,122.09	726.04	814.98	860.62	938.20	936.61	894.43	9,659.42
1957	Above Normal	742.99	647.79	813.53	627.68	565.86	619.83	645.63	750.46	531.71	955.60	1,010.14	906.19	8,817.41
1958	Wet	747.53	581.57	519.29	168.30	759.05	928.83	1,014.33	1,030.31	1,070.26	1,132.60	1,132.28	1,083.87	10,168.22
1959	Below Normal	948.64	293.30	1,096.45	425.96	461.01	483.41	564.36	634.45	83.32	927.60	943.04	850.72	7,712.26
1960	Dry	587.24	517.60	422.49	176.49	152.03	307.32	707.90	809.94	627.63	1,011.59	796.70	997.43	7,114.36
1961	Dry	711.43	707.47	719.99	250.58	222.53	312.83	577.85	657.88	647.98	829.79	615.85	411.63	6,665.81
1962	Below Normal	17.79	584.31	672.84	148.53	180.84	421.92	614.60	703.71	95.84	1,015.45	1,037.81	929.52	6,423.16
1963	Wet	774.53	729.00	532.03	564.58	653.57	686.13	609.27	651.73	667.55	802.53	809.60	772.34	8,252.86
1964	Dry	593.69	586.28	586.10	491.45	913.67	680.43	668.51	696.42	682.26	841.97	766.71	799.91	8,307.40
1965	Wet	609.84	575.21	577.83	726.59	894.50	844.08	644.49	669.64	457.64	861.09	867.55	810.21	8,538.67
1966	Below Normal	611.12	605.89	698.89	828.81	849.21	654.40	587.24	662.94	685.26	829.48	846.05	779.39	8,638.68
1967	Wet	554.55	532.99	484.86	302.30	880.87	898.51	994.51	1,017.17	1,086.95	1,124.20	1,123.13	1,077.56	10,077.60
1968	Below Normal	941.97	832.22	962.57	497.93	542.17	511.43	573.47	650.28	88.52	941.08	959.11	865.71	8,366.46
1969	Wet	598.54	586.99	608.60	590.16	1,026.30	1,056.00	959.33	1,035.30	1,050.09	1,081.14	1,085.68	1,035.71	10,713.84
1970	Wet	908.23	798.56	843.83	1,117.50	945.13	1,112.13	678.25	706.73	714.46	844.63	839.78	749.83	10,259.06
1971	Wet	639.94	688.65	624.47	898.61	897.27	800.74	589.90	668.23	705.51	835.11	852.07	784.05	8,984.55
1972	Below Normal	557.57	455.37	595.80	393.76	689.17	642.76	618.95	691.15	717.35	864.37	885.91	808.67	7,920.83
1973	Above Normal	602.10	643.83	479.69	241.60	825.70	828.15	654.50	756.53	781.50	886.58	886.87	849.24	8,436.29
1974	Wet	736.03	762.74	683.64	938.59	906.81	1,073.48	942.96	765.94	804.59	895.57	894.46	861.91	10,266.72
1975	Wet	734.74	617.15	781.31	783.44	663.48	976.11	736.44	746.66	788.07	874.85	875.32	842.76	9,420.33
1976	Critical	732.57	598.18	764.49	528.63	514.38	481.22	640.07	735.61	616.29	925.69	650.56	931.21	8,118.90
1977	Critical	642.44	570.33	380.98	119.75	105.22	149.82	243.19	60.16	1.67	49.88	45.18	67.61	2,436.23
1978	Above Normal	17.58	317.18	557.33	152.25	306.49	778.82	710.25	750.53	802.26	897.89	903.55	859.12	7,053.25
1979	Below Normal	673.15	603.97	725.25	503.50	539.20	946.08	761.19	783.91	797.42	908.39	910.12	880.10	9,032.28
1980	Above Normal	766.20	672.60	798.47	774.18	952.19	1,058.45	901.20	996.54	1,045.18	1,116.69	1,117.75	1,072.37	11,271.82
1981	Dry	933.13	688.30	1,028.93	490.98	481.23	426.96	591.57	688.45	95.96	988.37	972.84	868.04	8,254.76
1982	Wet	632.14	691.32	516.81	540.40	834.25	945.55	1,063.44	1,017.75	1,045.58	1,108.39	1,106.61	1,065.71	10,567.95
1983	Wet	1,014.22	955.17	1,002.71	945.72	900.41	1,035.57	927.02	979.45	993.10	1,034.77	1,066.21	1,022.87	11,877.22
1984	Wet	1,044.98	950.12	1,089.45	1,023.08	1,004.36	1,112.34	605.67	715.81	739.28	839.95	850.71	757.54	10,733.29
1985	Dry	685.89	729.80	874.68	780.48	683.85	702.90	684.44	709.49	712.43	841.08	770.01	807.35	8,982.40
1986	Wet	682.51	673.60	637.08	492.65	797.84	1,071.82	939.26	1,023.55	1,047.05	1,133.11	1,130.36	1,085.83	10,714.66
1987	Dry	946.44	273.59	1,095.45	417.96	394.20	280.18	318.79	389.94	393.82	382.00	340.50	328.55	5,561.42
1988	Critical	154.05	133.35	198.17	112.83	138.46	187.64	261.87	303.44	293.91	390.23	267.76	247.17	2,688.88
1989	Dry	119.79	186.16	166.96	152.67	154.67	215.96	760.55	806.73	827.84	941.04	860.22	911.46	6,104.05
1990	Critical	737.02	646.32	667.28	387.08	348.04	270.32	351.70	423.22	423.06	571.09	384.20	359.20	5,568.53
1991	Critical	179.30	147.76	136.33	58.44	122.43	173.28	268.68	299.28	323.72	413.56	266.59	237.14	2,626.51
1992	Critical	135.79	93.53	124.38	64.25	118.62	209.99	333.02	388.47	417.84	391.76	341.76	345.52	2,964.93
1993	Above Normal	114.80	96.27	255.77	170.10	692.50	726.47	639.53	694.97	321.85	929.33	943.87	872.83	6,458.29
1994	Critical	671.52	560.20	661.02	365.41	382.81	436.49	637.40	733.22	477.05	950.99	248.82	567.00	6,691.93
1995	Wet	48.49	444.69	855.63	159.11	553.32	676.67	923.92	1,029.61	1,003.65	1,047.34	1,049.68	1,014.13	8,806.24
1996	Wet	838.50	391.26	699.65	432.49	570.39	819.27	706.76	712.69	741.01	839.44	839.64	807.07	8,398.17
1997	Wet	629.72	557.44	752.44	1,067.06	1,052.72	1,156.73	802.49	825.75	825.23	930.64	946.32	911.55	10,458.09
1998	Wet	738.20	678.71	808.24	611.81	1,039.97	1,150.54	785.68	784.79	862.79	895.80	899.97	868.77	10,125.27
1999	Wet	818.66	861.34	739.44	930.58	970.47	857.92	606.61	711.77	735.91	851.72	853.53	724.10	9,662.05
2000	Above Normal	638.18	556.38	733.51	542.43	915.40	776.57	669.14	724.03	755.26	865.64	892.82	831.53	8,900.89
2001	Dry	617.96	528.86	670.27	368.10	343.95	347.76	465.74	553.63	586.89	632.22	523.18	510.16	6,148.72
2002	Dry	265.46	290.43	283.37	163.20	281.93	376.32	778.72	791.96	789.89	919.12	514.51	941.45	6,396.36
2003	Above Normal	183.34	261.30	790.50	182.59	283.94	411.59	559.83	641.16	94.91	940.18	959.87	861.33	6,170.54
	Average	603.53	543.75	629.02	471.68	581.94	652.46	649.12	709.20	652.74	855.79	806.62	776.79	7,932.64
	Wet	695.84	661.84	688.66	692.83	856.64	956.82	794.89	835.01	838.99	953.16	957.55	904.82	9,837.03
	Above Normal	523.59	508.26	672.28	405.80	613.67	711.40	680.49	753.09	671.44	914.63	940.86	878.33	8,273.84
	Below Normal	647.75	576.55	675.74	476.36	561.81	688.79	642.03	699.55	535.22	928.46	940.86	869.32	8,242.45
	Dry	574.86	461.58	614.12	330.66	366.61	401.10	598.94	681.30	619.65	837.02	693.03	744.32	6,923.18
	Critical	474.89	408.41	424.38	264.49	301.54	268.70	385.46	445.85	417.25	529.37	359.14	338.56	4,618.03

Energy Use (GWh) At Pumping Plant at System Total: Alternative1_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	1,094.41	947.92	902.50	287.47	631.39	766.02	675.46	691.90	836.68	874.56	874.92	839.42	9,422.65
1923	Below Normal	688.75	619.45	650.27	901.24	891.51	711.68	578.21	660.45	739.81	877.91	896.08	825.29	9,040.65
1924	Critical	602.05	528.47	472.35	290.13	231.93	220.32	324.59	392.32	397.94	502.86	359.85	315.31	4,638.12
1925	Dry	221.11	210.03	229.82	152.69	167.95	491.46	592.95	758.50	795.44	951.36	900.41	880.20	6,351.92
1926	Dry	611.39	550.30	476.41	191.68	166.50	280.97	446.98	627.55	668.88	807.56	741.56	670.43	6,240.21
1927	Wet	472.05	587.92	423.21	170.79	473.75	813.43	720.36	735.29	804.09	915.78	916.34	887.84	7,920.85
1928	Above Normal	719.97	670.86	806.09	576.30	562.89	500.90	819.79	830.86	863.42	960.04	970.34	939.64	9,221.10
1929	Critical	790.60	714.55	778.12	544.48	488.10	341.31	328.56	426.23	436.36	434.43	403.31	71.07	5,757.12
1930	Dry	222.22	270.40	311.27	146.44	186.96	285.82	500.68	582.63	616.28	749.76	641.64	669.96	5,184.06
1931	Critical	345.39	293.00	237.80	182.71	182.01	228.36	394.24	470.29	483.02	523.49	437.59	379.70	4,157.60
1932	Dry	219.66	193.77	366.47	190.02	372.07	601.36	435.52	577.90	651.38	721.21	760.65	632.86	5,722.87
1933	Critical	474.75	423.78	416.61	341.23	726.00	267.46	392.98	570.26	578.05	641.44	592.64	504.70	5,929.90
1934	Critical	342.89	301.07	360.38	286.34	248.86	257.32	448.83	547.04	557.64	556.15	309.96	37.32	4,253.80
1935	Below Normal	521.34	457.93	411.78	206.43	304.82	382.09	751.17	793.30	859.34	983.93	996.37	940.14	7,608.64
1936	Below Normal	768.32	689.62	681.47	419.75	633.12	1,150.69	718.78	812.57	878.35	988.69	990.41	959.03	9,690.80
1937	Below Normal	841.66	734.57	861.62	600.51	1,036.82	963.61	889.21	977.98	1,074.16	1,141.22	1,140.89	1,032.89	11,295.14
1938	Wet	960.96	992.78	887.55	746.36	1,054.90	1,183.98	1,024.30	1,043.42	1,094.56	1,182.48	1,180.10	1,125.59	12,476.98
1939	Dry	993.19	885.76	1,026.17	738.02	645.16	458.53	582.87	652.53	94.35	984.96	511.49	808.50	8,381.53
1940	Above Normal	263.93	198.10	871.73	187.38	197.57	500.64	653.99	759.63	665.23	966.26	1,047.01	946.40	7,257.87
1941	Wet	682.86	601.88	549.76	382.19	829.26	931.23	803.11	814.53	890.87	981.43	980.11	927.55	9,374.78
1942	Wet	781.30	690.11	737.57	937.21	932.35	956.87	620.49	668.72	763.21	866.11	876.27	799.17	9,629.38
1943	Wet	611.80	517.51	556.19	745.56	893.89	926.71	879.42	885.20	943.10	1,052.44	1,054.05	1,005.98	10,071.85
1944	Dry	861.33	75.08	1,171.07	440.47	384.66	344.80	503.64	584.12	636.63	770.81	695.35	577.08	7,045.04
1945	Below Normal	404.48	496.23	364.38	254.87	260.29	1,055.23	712.78	789.95	844.08	964.87	966.01	934.31	8,047.48
1946	Below Normal	830.83	839.65	800.15	969.54	891.68	1,014.88	612.85	641.82	688.88	829.02	831.05	799.93	9,750.28
1947	Dry	655.77	609.03	618.63	504.27	517.05	363.91	814.89	829.34	836.13	960.05	902.69	927.20	8,538.96
1948	Below Normal	791.43	729.52	702.14	443.87	376.86	314.93	398.47	316.19	126.58	1,007.10	1,030.58	926.56	7,164.23
1949	Dry	658.96	591.66	551.45	219.83	240.99	296.03	700.17	788.62	818.20	961.39	559.56	995.21	7,382.07
1950	Below Normal	673.09	336.45	469.76	160.29	175.89	315.13	597.99	681.13	88.82	992.44	1,013.20	909.65	6,413.84
1951	Above Normal	714.84	715.17	649.74	1,075.53	977.33	1,112.61	614.17	719.20	787.16	870.91	892.41	867.57	9,996.64
1952	Wet	704.48	694.34	680.05	983.44	941.15	1,165.85	812.61	806.23	852.62	958.80	964.34	933.94	10,497.85
1953	Wet	766.97	680.06	846.11	964.29	902.46	834.80	571.45	663.81	723.62	871.23	890.49	813.44	9,528.73
1954	Above Normal	553.14	475.42	509.35	244.18	602.67	488.03	619.94	720.93	765.61	877.93	925.04	831.61	7,613.85
1955	Dry	574.07	543.82	587.22	219.37	256.85	376.18	580.64	662.65	664.82	848.40	790.38	687.20	6,791.60
1956	Wet	502.58	518.99	491.61	750.53	1,023.25	1,127.29	728.49	817.18	908.29	985.76	984.19	941.88	9,780.04
1957	Above Normal	790.63	695.38	860.85	673.65	565.79	610.77	645.54	750.16	558.36	992.33	1,048.23	944.14	9,135.83
1958	Wet	785.05	618.97	556.55	204.53	758.56	928.39	1,012.93	1,029.83	1,115.32	1,177.66	1,177.33	1,128.74	10,493.86
1959	Below Normal	993.93	331.03	1,141.43	472.05	461.07	483.59	564.36	634.45	86.62	930.89	946.34	854.02	7,899.78
1960	Dry	590.72	520.90	425.80	179.79	152.04	306.57	708.09	810.04	628.46	1,011.52	799.39	996.65	7,129.97
1961	Dry	710.77	706.96	719.61	250.82	222.77	312.93	577.91	657.96	647.66	829.73	615.67	411.88	6,664.67
1962	Below Normal	17.57	583.65	699.01	148.52	180.83	422.02	614.57	703.67	137.68	1,057.26	1,079.63	971.35	6,615.76
1963	Wet	816.36	770.84	573.87	606.45	653.58	686.14	609.28	651.72	713.25	848.04	855.13	817.89	8,602.55
1964	Dry	639.25	631.77	631.66	537.58	913.68	680.66	668.48	696.33	681.75	841.95	766.67	799.89	8,489.67
1965	Wet	609.76	575.23	577.91	726.41	894.51	843.96	644.37	669.68	501.70	906.87	913.48	856.13	8,720.01
1966	Below Normal	656.81	651.28	744.38	873.85	848.62	654.35	587.26	662.93	713.15	857.36	873.92	807.29	8,931.20
1967	Wet	582.50	560.93	512.84	330.41	880.93	898.69	993.14	1,015.61	1,084.91	1,169.76	1,168.69	1,121.82	10,320.23
1968	Below Normal	985.74	745.89	1,057.96	510.68	500.90	501.44	575.80	653.09	121.62	976.57	994.73	900.93	8,525.35
1969	Wet	633.64	621.44	642.73	572.68	1,044.38	1,057.14	882.18	1,070.44	1,051.04	1,131.98	1,132.23	1,084.74	10,924.62
1970	Wet	953.56	844.46	890.18	1,116.68	948.26	1,126.91	749.11	701.91	755.09	885.47	880.73	799.04	10,651.40
1971	Wet	680.87	730.42	666.25	943.99	898.15	811.85	590.64	666.44	726.65	855.73	871.94	806.21	9,249.14
1972	Below Normal	582.06	480.18	622.98	432.28	694.42	646.72	619.75	691.42	717.45	864.32	885.67	808.85	8,046.10
1973	Above Normal	602.83	644.54	480.92	243.79	825.70	828.20	654.51	756.54	825.07	930.08	929.11	892.75	8,614.04
1974	Wet	779.59	806.30	727.20	978.01	906.77	1,073.34	937.89	763.78	847.98	938.85	937.90	905.51	10,603.12
1975	Wet	778.41	660.38	825.14	832.77	664.62	974.12	735.22	745.37	830.71	917.56	918.01	885.50	9,767.81
1976	Critical	775.31	640.99	807.35	571.96	514.17	481.90	641.45	737.29	620.62	927.12	648.77	933.33	8,300.26
1977	Critical	644.90	571.68	369.21	119.69	105.21	149.82	243.20	58.94	1.67	49.62	45.18	67.89	2,427.01
1978	Above Normal	17.54	317.61	566.54	152.15	287.62	721.10	695.74	750.18	855.60	955.54	966.46	901.97	7,188.05
1979	Below Normal	704.30	631.80	697.25	479.57	474.37	892.20	731.54	752.11	811.37	925.27	927.10	898.09	8,924.97
1980	Above Normal	775.94	710.58	822.38	798.51	963.48	1,059.54	738.07	851.22	946.52	1,025.51	1,023.81	954.79	10,670.35
1981	Dry	839.42	740.90	895.95	666.91	776.51	619.80	643.94	751.54	712.41	981.18	973.88	873.98	9,476.42
1982	Wet	651.54	711.48	543.62	601.31	851.98	944.60	1,063.18	1,012.02	1,090.85	1,153.65	1,151.87	1,110.67	10,886.77
1983	Wet	1,058.33	953.05	993.48	956.46	903.94	1,021.26	974.85	926.37	924.06	1,033.55	1,111.76	1,068.26	11,925.37
1984	Wet	1,044.98	950.12	889.08	1,002.95	988.30	1,107.09	605.67	715.81	784.83	885.49	896.26	803.09	10,673.67
1985	Dry	731.43	775.35	920.17	826.03	683.85	702.89	684.45	709.49	737.54	866.18	795.11	832.46	9,264.95
1986	Wet	707.61	698.71	662.18	517.76	643.50	1,119.98	986.72	1,025.89	1,092.64	1,180.59	1,177.11	1,131.83	10,944.52
1987	Dry	995.75	244.08	1,140.71	463.14	393.83	279.99	318.69	389.78	394.58	381.80	340.58	328.35	5,671.28
1988	Critical	154.01	133.31	198.36	112.83	138.58	187.66	261.85	306.61	297.29	391.53	270.76	249.77	2,702.56
1989	Dry	121.17	186.78	167.81	152.30	154.37	214.97	758.70	807.06	828.86	942.57	817.79	922.91	6,075.29
1990	Critical	745.96	654.46	672.63	380.40	343.24	269.53	354.01	426.26	426.33	573.90	387.10	362.14	5,595.96
1991	Critical	180.94	148.87	136.94	58.32	122.23	173.32	268.68	299.28	323.68	413.45	266.59	237.12	2,629.42
1992	Critical	135.60	93.53	124.15	63.47	118.57	209.91	328.34	382.33	402.25	394.22	336.29	340.36	2,929.02
1993	Above Normal	121.66	96.41	245.68	165.95	693.31	728.10	640.11	694.71	376.18	972.41	986.28	916.89	6,637.69
1994	Critical	716.82	605.68	708.16	414.45	385.78	436.95	636.72	732.41	489.37	947.33	250.99	567.75	6,892.41
1995	Wet	47.34	444.30	868.51	159.09	553.27	675.69	920.66	961.72	1,047.39	1,002.71	1,111.19	1,070.52	8,862.39
1996	Wet	539.76	69.69	607.49	478.66	570.42	815.81	704.71	710.52	784.39	882.81	883.09	850.67	7,898.02
1997	Wet	672.54	600.72	789.31	1,066.73	1,055.83	1,155.19	802.26	825.64	869.67	976.72	991.75	956.99	10,763.35
1998	Wet	783.70	724.07	853.66	656.85	1,039.78	1,150.02	783.02	778.84	858.98	891.90	941.63	910.50	10,372.95
1999	Wet	860.40	903.49	760.37	975.75	970.47	857.91	606.59	711.76	781.44	897.26	899.07	769.64	9,994.15
2000	Above Normal	683.75	601.91	779.04	587.97	911.74	767.86	667.47	724.70	795.98	906.89	934.72	871.71	9,233.74
2001	Dry	655.82	566.49	702.17	399.16	337.19	345.77	466.14	553.92	587.12	634.35	524.07	510.88	6,283.08
2002	Dry	266.44	291.39	283.82	163.58	281.84	376.26	777.87	791.06	788.99	918.27	502.34	944.68	6,386.54
2003	Above Normal	200.13	263.74	811.37	182.59	283.93	411.58	559.83	641.16	107.55	952.82	972.51	873.96	6,261.17
	Average	621.29	559.72	644.29	491.04	585.02	655.55	647.39	703.17	681.91	875.02	828.73	797.55	8,090.67
	Wet	710.34	674.16	696.63	707.99	856.86	968.78	798.56	823.76	878.51	982.72	994.81	942.81	10,035.94
	Above Normal	544.90	528.14	692.18	431.29	625.29	707.95	665.39	740.93	698.61	940.44	964.24	898.40	8,437.75
	Below Normal	675.74	594.80	707.47	490.96	552.23	679.18	639.48	697.93	563.42	956.92	969.43	897.74	8,425.30
	Dry	587.14	477.47	623.68	357.89	380.79	407.72	597.92	679.50	654.97	842.39	702.18	748.35	7,060.01
	Critical	492.44	425.78	440.17	280.50	300.39	268.66	385.29	445.77	417.85	529.63	359.09	338.87	4,684.43

Difference in Energy Use (GWh) At Pumping Plant at System Total: Alternative1_2020 minus CONV_NA

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	0.02	(0.07)	(0.04)	0.00	45.52	45.03	45.35	45.52	15.11
1923	Below Normal	45.52	45.47	45.48	2.68	(0.56)	(4.33)	(0.15)	0.36	46.27	46.06	46.24	45.80	26.57
1924	Critical	45.25	45.32	44.81	43.32	(1.83)	(0.54)	0.11	(0.03)	0.18	0.19	0.15	0.05	14.75
1925	Dry	(0.07)	(0.04)	0.00	0.03	(0.11)	(2.07)	0.35	0.41	9.89	9.92	10.07	9.88	3.19
1926	Dry	9.89	9.86	9.72	9.49	(0.16)	(0.18)	(0.49)	(0.39)	(0.30)	(0.38)	(0.21)	(1.07)	2.98
1927	Wet	(0.34)	(0.28)	(0.23)	0.02	(0.32)	0.02	0.02	0.01	45.56	45.56	45.56	45.54	15.09
1928	Above Normal	45.54	45.55	45.55	45.51	(0.58)	0.00	0.04	0.04	18.99	18.97	19.00	18.98	21.47
1929	Critical	18.99	18.97	18.93	18.94	(0.01)	(0.09)	(0.15)	(0.21)	(0.23)	(0.22)	(0.20)	0.45	6.26
1930	Dry	(0.15)	(0.16)	0.23	0.00	(0.03)	0.01	(0.02)	(0.01)	0.03	(0.01)	(0.05)	(0.03)	(0.02)
1931	Critical	(0.06)	(0.10)	(0.09)	0.01	(0.06)	0.01	(0.14)	(0.19)	(0.20)	(0.36)	(0.18)	(0.18)	(0.13)
1932	Dry	(0.13)	(0.11)	(0.04)	(0.03)	0.27	12.37	(0.01)	0.00	45.55	45.54	45.53	45.53	16.21
1933	Critical	45.53	45.53	41.63	45.13	(9.57)	0.00	0.01	0.01	0.02	(0.20)	(0.03)	(0.03)	14.00
1934	Critical	(0.02)	(0.04)	0.10	(0.03)	(0.14)	(0.21)	(0.24)	(0.19)	(0.17)	(0.30)	(1.20)	(0.10)	(0.21)
1935	Below Normal	(0.67)	(0.18)	(0.43)	(4.79)	(0.38)	(1.17)	(2.46)	0.22	39.85	40.40	41.24	39.28	12.58
1936	Below Normal	34.94	36.19	32.35	28.79	(8.11)	(1.97)	0.12	0.15	45.69	45.68	45.69	45.68	25.43
1937	Below Normal	45.64	45.67	45.84	0.13	0.53	12.92	(4.92)	(1.81)	46.54	45.58	45.58	45.57	27.27
1938	Wet	44.12	44.80	(25.37)	(23.20)	(1.74)	14.89	13.40	(59.94)	(0.73)	52.62	51.97	48.94	13.31
1939	Dry	54.11	52.96	44.92	82.64	(17.52)	(66.88)	(80.24)	(112.02)	(107.45)	(25.48)	89.10	(80.49)	(13.86)
1940	Above Normal	74.68	47.37	50.25	42.27	0.52	0.46	0.12	0.16	40.57	38.31	39.56	39.55	31.15
1941	Wet	39.55	39.82	20.56	(0.10)	(4.89)	(2.68)	(2.67)	(2.86)	42.69	42.13	42.31	42.38	21.35
1942	Wet	43.68	42.56	18.72	(0.25)	(2.66)	(2.42)	(0.10)	(0.05)	45.52	45.50	45.53	45.50	23.46
1943	Wet	45.44	45.36	45.42	(13.60)	(5.37)	(6.17)	(4.45)	(4.70)	33.21	40.72	41.08	40.10	21.42
1944	Dry	41.20	38.03	51.61	22.29	(20.65)	(6.69)	(0.09)	(0.11)	18.60	20.69	22.59	20.71	17.35
1945	Below Normal	20.73	20.48	20.75	20.84	(10.02)	(70.19)	0.88	1.10	46.62	46.49	46.55	46.52	15.90
1946	Below Normal	46.52	46.51	46.47	45.40	(0.02)	(5.00)	(2.82)	0.38	45.96	44.24	45.04	42.92	29.63
1947	Dry	38.26	39.88	37.24	31.42	2.00	(12.80)	1.53	2.24	10.68	10.55	10.20	10.51	15.14
1948	Below Normal	7.86	10.35	10.49	(7.13)	(14.21)	(5.04)	0.16	5.70	(0.52)	0.39	(0.03)	1.33	0.78
1949	Dry	0.80	0.02	(2.65)	(0.45)	(0.44)	(0.45)	(2.06)	(0.33)	0.24	0.71	(5.43)	2.03	(0.67)
1950	Below Normal	1.10	2.27	32.00	0.00	0.00	0.00	0.00	0.00	4.27	4.27	4.27	4.28	4.37
1951	Above Normal	4.27	4.28	(24.54)	34.64	3.16	0.05	0.67	0.60	46.13	46.09	46.10	47.22	17.39
1952	Wet	46.12	46.04	46.05	42.98	3.53	(0.68)	(4.40)	(137.29)	(139.23)	(83.56)	(76.79)	(72.77)	(27.50)
1953	Wet	(83.32)	(75.94)	(60.93)	44.62	126.74	257.06	19.30	19.68	430.77	(25.69)	(24.77)	(11.37)	51.35
1954	Above Normal	3.96	6.50	29.54	69.63	146.75	30.85	(3.21)	(1.12)	42.34	17.65	(15.77)	(14.03)	26.09
1955	Dry	(12.60)	(10.45)	(8.41)	(2.62)	3.95	6.61	12.49	15.18	15.80	14.80	17.95	19.81	6.04
1956	Wet	7.25	9.96	(19.91)	(90.68)	13.89	5.20	2.45	2.20	47.67	47.56	47.58	47.45	10.05
1957	Above Normal	47.64	47.59	47.32	45.97	(0.07)	(9.06)	(0.09)	(0.30)	26.65	36.73	38.09	37.95	26.54
1958	Wet	37.52	37.40	37.26	36.23	(0.49)	(0.44)	(1.40)	(0.48)	45.06	45.06	45.05	44.87	27.14
1959	Below Normal	45.29	37.73	44.98	46.09	0.06	0.18	0.00	0.00	3.30	3.29	3.30	3.30	15.63
1960	Dry	3.48	3.30	3.31	3.30	0.01	(0.75)	0.19	0.10	0.83	(0.07)	2.69	(0.78)	1.30
1961	Dry	(0.66)	(0.51)	(0.38)	0.24	0.24	0.10	0.06	0.08	(0.32)	(0.06)	(0.18)	0.25	(0.10)
1962	Below Normal	(0.22)	(0.66)	26.17	(0.01)	(0.01)	0.10	(0.03)	(0.04)	41.84	41.81	41.82	41.83	16.05
1963	Wet	41.83	41.84	41.84	41.87	0.01	0.01	0.01	(0.01)	45.70	45.51	45.53	45.55	29.14
1964	Dry	45.56	45.49	45.56	46.13	0.01	0.23	(0.03)	(0.09)	(0.51)	(0.02)	(0.04)	(0.02)	15.19
1965	Wet	(0.08)	0.02	0.08	(0.18)	0.01	(0.12)	(0.12)	0.04	44.06	45.78	45.93	45.92	15.11
1966	Below Normal	45.69	45.39	45.49	45.04	(0.59)	(0.05)	0.02	(0.01)	27.89	27.88	27.87	27.90	24.38
1967	Wet	27.95	27.94	27.98	28.11	0.06	0.18	(1.37)	(1.56)	(2.04)	45.56	45.56	44.26	20.22
1968	Below Normal	43.77	(86.33)	95.39	12.75	(41.27)	(9.99)	2.33	2.81	33.10	35.49	35.62	35.22	13.24
1969	Wet	35.10	34.45	34.13	(17.48)	18.08	1.14	(77.15)	35.14	0.95	50.84	46.55	49.03	17.57
1970	Wet	45.33	45.90	46.35	(0.82)	3.13	14.78	70.86	(4.82)	40.63	40.84	40.95	49.21	32.70
1971	Wet	40.93	41.77	41.78	45.38	0.88	11.11	0.74	(1.79)	21.14	20.62	19.87	22.16	22.05
1972	Below Normal	24.49	24.81	27.18	38.52	5.25	3.96	0.80	0.27	0.10	(0.05)	(0.24)	0.18	10.44
1973	Above Normal	0.73	0.71	1.23	2.19	0.00	0.05	0.01	0.01	43.57	43.50	42.24	43.51	14.81
1974	Wet	43.56	43.56	43.56	39.42	(0.04)	(0.14)	(5.07)	(2.16)	43.39	43.28	43.44	43.60	28.03
1975	Wet	43.67	43.23	43.83	49.33	1.14	(1.99)	(1.22)	(1.29)	42.64	42.71	42.69	42.74	28.96
1976	Critical	42.74	42.81	42.86	43.33	(0.21)	0.68	1.38	1.68	4.33	1.43	(1.79)	2.12	15.11
1977	Critical	2.46	1.35	(11.77)	(0.06)	(0.01)	0.00	0.01	(1.22)	0.00	(0.26)	0.00	0.28	(0.77)
1978	Above Normal	(0.04)	0.43	9.21	(0.10)	(18.87)	(57.72)	(14.51)	(0.35)	53.34	57.65	62.91	42.85	11.23
1979	Below Normal	31.15	27.83	(28.00)	(23.93)	(64.83)	(53.88)	(29.65)	(31.80)	13.95	16.88	16.98	17.99	(8.94)
1980	Above Normal	9.74	37.98	23.91	24.33	11.29	1.09	(163.13)	(145.32)	(98.66)	(91.18)	(93.94)	(117.58)	(50.12)
1981	Dry	(93.71)	52.60	(132.98)	175.93	295.28	192.84	52.37	63.09	616.45	(7.19)	1.04	5.94	101.81
1982	Wet	19.40	20.16	26.81	60.91	17.73	(0.95)	(0.26)	(5.73)	45.27	45.26	45.26	44.96	26.57
1983	Wet	44.11	(2.12)	(9.23)	10.74	3.53	(14.31)	47.83	(53.08)	(69.04)	(1.22)	45.55	45.39	4.01
1984	Wet	0.00	0.00	(200.37)	(20.13)	(16.06)	(5.25)	0.00	0.00	45.55	45.54	45.55	45.55	(4.97)
1985	Dry	45.54	45.55	45.49	45.55	0.00	(0.01)	0.01	0.00	25.11	25.10	25.10	25.11	23.55
1986	Wet	25.10	25.11	25.10	25.11	(154.34)	48.16	47.46	2.34	45.59	47.48	46.75	46.00	19.16
1987	Dry	49.31	(29.51)	45.26	45.18	(0.37)	(0.19)	(0.10)	(0.16)	0.76	(0.20)	0.08	(0.20)	9.15
1988	Critical	(0.04)	(0.04)	0.19	0.00	0.12	0.02	(0.02)	3.17	3.38	1.30	3.00	2.60	1.14
1989	Dry	1.38	0.62	0.85	(0.37)	(0.30)	(0.99)	(1.85)	0.33	1.02	1.53	(42.43)	11.45	(2.40)
1990	Critical	8.94	8.14	5.35	(6.68)	(4.80)	(0.79)	2.31	3.04	3.27	2.81	2.90	2.94	2.29
1991	Critical	1.64	1.11	0.61	(0.12)	(0.20)	0.04	0.00	0.00	(0.04)	(0.11)	0.00	(0.02)	0.24
1992	Critical	(0.19)	0.00	(0.23)	(0.78)	(0.05)	(0.08)	(4.68)	(6.14)	(15.59)	2.46	(5.47)	(5.16)	(2.99)
1993	Above Normal	6.86	0.14	(10.09)	(4.15)	0.81	1.63	0.58	(0.26)	54.33	43.08	42.41	44.06	14.95
1994	Critical	45.30	45.48	47.14	49.04	2.97	0.46	(0.68)	(0.81)	12.32	(3.66)	2.17	0.75	16.71
1995	Wet	(1.15)	(0.39)	12.88	(0.02)	(0.05)	(0.98)	(3.26)	(67.89)	43.74	(44.63)	61.51	56.39	4.68
1996	Wet	(298.74)	(321.57)	(92.16)	46.17	0.03	(3.46)	(2.05)	(2.17)	43.38	43.37	43.45	43.60	(41.68)
1997	Wet	42.82	43.28	36.87	(0.33)	3.11	(1.54)	(0.23)	(0.11)	44.44	46.08	45.43	45.44	25.44
1998	Wet	45.50	45.36	45.42	45.04	(0.19)	(0.52)	(2.66)	(5.95)	(3.81)	(3.90)	41.66	41.73	20.64
1999	Wet	41.74	42.15	20.93	45.17	0.00	(0.01)	(0.02)	(0.01)	45.53	45.54	45.54	45.54	27.68
2000	Above Normal	45.57	45.53	45.53	45.54	(3.66)	(8.71)	(1.67)	0.67	40.72	41.25	41.90	40.18	27.74
2001	Dry	37.86	37.63	31.90	31.06	(6.76)	(1.99)	0.40	0.29	0.23	2.13	0.89	0.72	11.20
2002	Dry	0.98	0.96	0.45	0.38	(0.09)	(0.06)	(0.85)	(0.90)	(0.90)	(0.85)	(12.17)	3.23	(0.82)
2003	Above Normal	16.79	2.44	20.87	0.00	(0.01)	(0.01)	0.00	0.00	12.64	12.64	12.64	12.63	7.55
	Average	17.76	15.96	15.27	19.35	3.08	3.09	(1.73)	(6.03)	29.17	19.23	22.11	20.76	13.17
	Wet	14.50	12.32	7.98	15.17	0.22	11.96	3.68	(11.25)	39.52	29.56	37.26	37.99	16.58
	Above Normal	21.31	19.88	19.90	25.49	11.61	(3.45)	(15.10)	(12.16)	27.18	25.81	23.37	20.07	13.66
	Below Normal	27.99	18.25	31.73	14.60	(9.58)	(9.60)	(2.55)	(1.62)	28.20	28.46	28.57	28.41	15.24
	Dry	12.28	15.90	9.56	27.23	14.19	6.62	(1.02)	(1.79)	35.32	5.37	9.15	4.03	11.40
	Critical	17.55	17.38	15.79	16.01	(1.15)	(0.04)	(0.17)	(0.07)	0.61	0.26	(0.05)	0.31	5.53

Percent Difference in Energy Use (GWh) At Pumping Plant at System Total: Alternative1_2020 minus CONV_NA

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%	6%	5%	5%	6%
1923	Below Normal	7%	8%	8%	0%	0%	-1%	0%	0%	7%	6%	5%	6%
1924	Critical	8%	9%	10%	18%	-1%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%
1926	Dry	2%	2%	2%	5%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	6%	5%	5%	5%
1928	Above Normal	7%	7%	6%	9%	0%	0%	0%	0%	2%	2%	2%	2%
1929	Critical	2%	3%	2%	4%	0%	0%	0%	0%	0%	0%	0%	1%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	2%	0%	0%	8%	7%	6%	8%
1933	Critical	11%	12%	11%	15%	-1%	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%	-2%	0%	0%	0%	0%	5%	4%	4%	4%
1936	Below Normal	5%	6%	5%	7%	-1%	0%	0%	0%	5%	5%	5%	5%
1937	Below Normal	6%	7%	6%	0%	0%	1%	-1%	0%	5%	4%	4%	5%
1938	Wet	5%	5%	-3%	-3%	0%	1%	1%	-5%	0%	5%	5%	5%
1939	Dry	6%	6%	5%	13%	-3%	-13%	-12%	-15%	-53%	-3%	21%	-9%
1940	Above Normal	39%	31%	6%	29%	0%	0%	0%	0%	6%	4%	4%	4%
1941	Wet	6%	7%	4%	0%	-1%	0%	0%	0%	5%	4%	5%	5%
1942	Wet	6%	7%	3%	0%	0%	0%	0%	0%	6%	6%	5%	6%
1943	Wet	8%	10%	9%	-2%	-1%	-1%	-1%	-1%	4%	4%	4%	4%
1944	Dry	5%	103%	5%	5%	-5%	-2%	0%	0%	3%	3%	3%	4%
1945	Below Normal	5%	4%	6%	9%	-4%	-6%	0%	0%	6%	5%	5%	5%
1946	Below Normal	6%	6%	6%	5%	0%	0%	0%	0%	7%	6%	6%	6%
1947	Dry	6%	7%	6%	7%	0%	-3%	0%	0%	1%	1%	1%	1%
1948	Below Normal	1%	1%	2%	-2%	-4%	-2%	0%	2%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1950	Below Normal	0%	1%	7%	0%	0%	0%	0%	0%	5%	0%	0%	0%
1951	Above Normal	1%	1%	-4%	3%	0%	0%	0%	0%	6%	6%	5%	6%
1952	Wet	7%	7%	7%	5%	0%	0%	-1%	-15%	-14%	-8%	-7%	-7%
1953	Wet	-10%	-10%	-7%	5%	16%	44%	3%	3%	147%	-3%	-3%	-1%
1954	Above Normal	1%	1%	6%	40%	32%	7%	-1%	0%	6%	2%	-2%	-2%
1955	Dry	-2%	-2%	-1%	-1%	2%	2%	2%	2%	2%	2%	2%	3%
1956	Wet	1%	2%	-4%	-11%	1%	0%	0%	0%	6%	5%	5%	5%
1957	Above Normal	6%	7%	6%	7%	0%	-1%	0%	0%	5%	4%	4%	4%
1958	Wet	5%	6%	7%	22%	0%	0%	0%	0%	4%	4%	4%	4%
1959	Below Normal	5%	13%	4%	11%	0%	0%	0%	0%	4%	0%	0%	0%
1960	Dry	1%	1%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	-1%	0%	4%	0%	0%	0%	0%	0%	44%	4%	4%	5%
1963	Wet	5%	6%	8%	7%	0%	0%	0%	0%	7%	6%	6%	6%
1964	Dry	8%	8%	8%	9%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	10%	5%	5%	6%
1966	Below Normal	7%	7%	7%	5%	0%	0%	0%	0%	4%	3%	3%	4%
1967	Wet	5%	5%	6%	9%	0%	0%	0%	0%	0%	4%	4%	4%
1968	Below Normal	5%	-10%	10%	3%	-8%	-2%	0%	0%	37%	4%	4%	4%
1969	Wet	6%	6%	6%	-3%	2%	0%	-8%	3%	0%	5%	4%	5%
1970	Wet	5%	6%	5%	0%	0%	1%	10%	-1%	6%	5%	5%	7%
1971	Wet	6%	6%	7%	5%	0%	1%	0%	0%	3%	2%	2%	3%
1972	Below Normal	4%	5%	5%	10%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	6%	5%	5%	5%
1974	Wet	6%	6%	6%	4%	0%	0%	-1%	0%	5%	5%	5%	5%
1975	Wet	6%	7%	6%	6%	0%	0%	0%	0%	5%	5%	5%	5%
1976	Critical	6%	7%	6%	8%	0%	0%	0%	0%	1%	0%	0%	0%
1977	Critical	0%	0%	-3%	0%	0%	0%	0%	-2%	0%	-1%	0%	0%
1978	Above Normal	0%	0%	2%	0%	-6%	-7%	-2%	0%	7%	6%	7%	5%
1979	Below Normal	5%	5%	-4%	-5%	-12%	-6%	-4%	-4%	2%	2%	2%	2%
1980	Above Normal	1%	6%	3%	3%	1%	0%	-18%	-15%	-9%	-8%	-8%	-11%
1981	Dry	-10%	8%	-13%	36%	61%	45%	9%	9%	642%	-1%	0%	1%
1982	Wet	3%	3%	5%	11%	2%	0%	0%	-1%	4%	4%	4%	4%
1983	Wet	4%	0%	-1%	1%	0%	-1%	5%	-5%	-7%	0%	4%	4%
1984	Wet	0%	0%	-18%	-2%	-2%	0%	0%	0%	6%	5%	5%	6%
1985	Dry	7%	6%	5%	6%	0%	0%	0%	0%	4%	3%	3%	3%
1986	Wet	4%	4%	4%	5%	-19%	4%	5%	0%	4%	4%	4%	4%
1987	Dry	5%	-11%	4%	11%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%	1%	1%
1989	Dry	1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	-5%	1%
1990	Critical	1%	1%	1%	-2%	-1%	0%	1%	1%	1%	0%	1%	1%
1991	Critical	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	-1%	0%	0%	-1%	-2%	-4%	1%	-2%	-1%
1993	Above Normal	6%	0%	-4%	-2%	0%	0%	0%	0%	17%	5%	4%	5%
1994	Critical	7%	8%	7%	13%	1%	0%	0%	0%	3%	0%	1%	0%
1995	Wet	-2%	0%	2%	0%	0%	0%	0%	-7%	4%	-4%	6%	6%
1996	Wet	-36%	-82%	-13%	11%	0%	0%	0%	0%	6%	5%	5%	5%
1997	Wet	7%	8%	5%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1998	Wet	6%	7%	6%	7%	0%	0%	0%	-1%	0%	0%	5%	5%
1999	Wet	5%	5%	3%	5%	0%	0%	0%	0%	6%	5%	5%	6%
2000	Above Normal	7%	8%	6%	8%	0%	-1%	0%	0%	5%	5%	5%	5%
2001	Dry	6%	7%	5%	8%	-2%	-1%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
2003	Above Normal	9%	1%	3%	0%	0%	0%	0%	0%	13%	1%	1%	1%
	Average	3%	4%	3%	5%	1%	1%	0%	-1%	13%	2%	3%	2%
	Wet	2%	1%	2%	3%	0%	2%	1%	-1%	9%	3%	4%	4%
	Above Normal	6%	5%	3%	8%	2%	0%	-2%	-1%	6%	3%	3%	3%
	Below Normal	4%	4%	5%	3%	-2%	-1%	0%	0%	9%	3%	3%	3%
	Dry	2%	8%	1%	6%	3%	2%	0%	0%	34%	1%	2%	1%
	Critical	3%	3%	3%	5%	0%	0%	0%	0%	0%	0%	0%	0%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	73.20	62.94	50.71	12.38	41.20	47.32	47.04	48.48	47.71	49.46	49.16	45.96	575.56
1923	Below Normal	40.75	36.87	35.33	58.68	58.77	47.30	41.27	47.68	47.62	50.80	51.30	45.26	561.63
1924	Critical	35.81	31.58	26.07	11.85	12.63	15.14	23.18	28.32	28.78	28.79	25.98	22.07	290.20
1925	Dry	11.42	8.61	7.37	2.78	7.11	27.40	42.17	54.59	55.13	58.87	60.08	52.14	387.67
1926	Dry	40.42	35.82	28.34	5.40	8.74	19.70	30.97	45.14	45.47	48.49	49.50	42.92	400.91
1927	Wet	32.71	28.78	22.52	6.64	26.87	52.76	50.33	51.77	50.76	52.42	52.04	49.15	476.75
1928	Above Normal	44.68	40.69	39.73	31.40	37.76	28.04	57.23	58.50	57.20	59.06	58.79	55.64	568.72
1929	Critical	51.09	46.91	45.89	31.58	29.51	18.32	21.59	31.06	31.57	31.66	28.64	4.81	372.63
1930	Dry	14.82	17.70	15.43	5.07	8.40	13.77	34.75	41.39	42.34	43.38	41.38	35.53	313.96
1931	Critical	22.97	18.64	14.32	5.07	8.19	14.83	28.28	34.32	35.00	35.14	31.70	26.88	275.34
1932	Dry	14.67	10.69	9.12	5.17	10.97	36.11	31.15	41.68	41.92	44.58	45.01	39.03	330.10
1933	Critical	28.82	25.13	19.50	5.19	44.37	16.66	27.62	41.14	41.88	43.35	41.69	35.82	371.17
1934	Critical	23.72	19.39	14.95	5.24	7.57	15.57	32.29	39.43	40.45	40.51	23.17	1.67	263.96
1935	Below Normal	35.33	27.74	20.81	5.24	10.87	20.04	53.01	56.32	55.96	58.33	58.49	53.65	455.79
1936	Below Normal	46.57	42.23	39.15	22.98	26.39	70.02	49.76	57.26	56.13	57.98	57.63	54.46	580.56
1937	Below Normal	49.87	45.62	44.61	33.19	60.16	59.77	61.98	68.90	67.61	69.82	69.51	65.82	696.86
1938	Wet	61.10	56.23	55.18	38.28	60.36	70.28	69.64	71.25	70.40	72.47	72.00	68.12	765.31
1939	Dry	63.29	57.97	56.99	41.26	44.09	35.47	47.52	54.91	15.03	64.84	26.16	59.50	567.03
1940	Above Normal	13.39	10.18	55.19	5.17	7.26	24.72	46.37	55.03	42.72	59.44	63.79	55.46	438.72
1941	Wet	43.16	38.31	30.34	18.84	43.63	51.26	55.74	57.14	56.10	57.99	57.53	54.31	564.35
1942	Wet	49.74	45.36	44.43	59.56	60.32	61.09	43.38	47.23	47.07	49.67	49.81	44.80	602.46
1943	Wet	37.02	32.93	28.91	44.34	55.00	51.29	61.59	63.07	61.97	64.06	63.60	60.14	623.92
1944	Dry	55.45	1.11	69.21	23.30	22.08	20.62	35.48	42.14	42.60	44.29	43.01	37.09	436.38
1945	Below Normal	25.03	20.77	16.11	8.76	10.78	69.98	49.49	55.59	54.56	56.35	55.97	52.92	476.31
1946	Below Normal	48.35	44.14	43.15	60.12	60.35	67.23	43.44	45.34	44.58	46.36	46.06	42.87	591.99
1947	Dry	37.60	33.87	32.21	27.96	30.44	26.11	57.02	58.21	56.91	58.69	58.43	55.37	532.82
1948	Below Normal	50.83	46.63	45.62	29.31	27.51	17.89	28.03	23.37	5.96	64.01	64.93	56.61	460.70
1949	Dry	43.99	39.30	31.32	8.36	10.27	17.79	50.43	56.86	57.25	60.71	37.30	61.63	475.21
1950	Below Normal	47.89	22.64	29.32	6.92	7.62	15.20	42.85	49.28	1.78	63.60	64.10	55.56	406.76
1951	Above Normal	42.99	38.01	30.24	62.28	60.36	69.87	42.83	50.68	49.85	51.37	50.94	48.05	597.47
1952	Wet	43.54	39.50	38.58	59.36	62.51	69.63	56.90	65.19	64.07	66.26	65.78	62.16	693.48
1953	Wet	57.51	52.46	51.52	61.13	50.80	35.29	39.36	46.53	19.98	55.83	56.33	49.03	575.77
1954	Above Normal	37.54	33.14	26.06	8.13	29.40	26.59	44.66	52.36	49.65	55.15	58.52	50.86	472.06
1955	Dry	39.25	34.67	27.27	7.25	11.80	22.56	40.54	46.79	46.98	50.29	51.22	44.45	423.07
1956	Wet	33.88	29.84	23.39	40.30	62.54	70.31	50.85	57.16	56.35	58.07	57.58	54.38	594.65
1957	Above Normal	49.75	45.27	44.33	39.44	38.38	40.60	46.16	54.26	37.36	60.93	63.63	55.41	575.52
1958	Wet	42.90	38.15	30.18	5.94	48.98	52.16	69.55	71.52	70.45	72.66	72.28	68.33	643.10
1959	Below Normal	63.61	19.78	67.28	27.16	28.57	28.51	39.89	45.55	1.92	58.85	59.17	51.27	491.56
1960	Dry	39.38	34.67	27.43	5.15	6.21	17.23	51.03	57.76	44.36	64.61	50.93	62.07	460.83
1961	Dry	50.22	45.03	37.65	10.50	12.33	15.00	41.33	47.41	47.92	51.10	42.00	27.54	428.03
1962	Below Normal	0.62	40.24	45.74	5.39	6.61	22.82	43.74	50.93	4.49	64.96	65.75	57.19	408.48
1963	Wet	44.38	39.48	31.43	36.41	43.16	43.79	43.08	46.28	45.67	47.72	47.60	43.81	512.81
1964	Dry	37.68	33.78	31.25	28.29	61.93	45.70	47.16	49.36	48.79	50.89	50.75	46.83	532.41
1965	Wet	40.82	36.74	34.37	41.78	58.69	53.27	45.01	47.65	30.19	52.52	52.44	48.06	541.54
1966	Below Normal	41.29	37.11	34.05	52.98	55.92	42.63	42.05	47.84	47.88	50.79	51.31	45.31	549.16
1967	Wet	36.10	31.87	26.53	12.82	58.85	57.99	68.62	70.83	69.80	72.06	71.64	67.74	644.85
1968	Below Normal	62.93	57.59	56.58	29.46	36.18	30.79	40.63	46.65	2.17	60.15	60.39	52.41	535.93
1969	Wet	40.24	35.50	28.07	33.55	60.37	70.03	63.02	66.84	67.37	69.49	69.01	65.22	668.71
1970	Wet	60.39	55.21	54.26	62.28	60.35	69.87	47.87	49.83	49.02	50.53	50.06	47.17	656.84
1971	Wet	42.71	38.70	37.80	59.29	60.32	51.89	42.07	47.97	48.05	50.99	51.40	45.55	576.74
1972	Below Normal	36.50	32.32	27.18	21.44	46.91	42.56	44.02	50.03	50.35	53.54	54.22	47.50	506.57
1973	Above Normal	37.26	32.91	26.71	10.19	53.22	53.86	45.69	53.32	52.47	53.95	53.54	50.54	523.66
1974	Wet	46.03	41.85	40.93	60.35	60.39	69.88	66.34	54.07	53.36	54.89	54.43	51.38	653.90
1975	Wet	46.83	42.46	41.54	51.06	43.72	60.60	51.47	52.61	51.67	53.20	52.83	49.95	597.94
1976	Critical	45.40	41.38	40.43	32.57	34.11	30.29	45.46	52.72	45.11	58.49	42.58	57.05	525.59
1977	Critical	44.21	39.26	25.66	5.29	6.38	10.00	17.22	4.04	0.00	3.09	2.81	3.15	161.11
1978	Above Normal	0.69	22.58	37.62	4.97	12.13	47.07	49.60	53.12	52.49	54.60	54.56	50.44	439.87
1979	Below Normal	44.41	40.12	37.73	28.11	28.32	60.44	53.23	54.67	53.67	55.26	54.91	51.96	562.83
1980	Above Normal	47.39	43.23	42.27	45.84	62.53	70.11	63.65	70.46	69.46	71.73	71.26	67.40	725.33
1981	Dry	62.66	47.72	61.79	28.89	29.11	26.90	41.77	49.39	4.00	63.13	63.75	55.40	534.51
1982	Wet	42.79	37.96	30.16	31.28	44.77	51.97	68.00	69.84	68.90	70.99	70.50	66.62	653.78
1983	Wet	61.88	56.58	55.60	62.28	60.39	69.99	61.64	65.50	66.11	68.11	67.69	63.96	759.73
1984	Wet	64.84	57.57	67.38	62.28	62.50	69.85	42.18	50.49	49.52	51.24	50.77	47.89	676.51
1985	Dry	43.32	39.33	48.23	50.05	44.80	46.63	47.60	49.77	49.07	50.52	50.04	47.15	566.51
1986	Wet	42.73	38.77	37.83	32.01	40.62	70.29	65.14	71.56	70.36	72.65	72.13	68.18	682.27
1987	Dry	63.75	18.75	67.21	23.53	22.32	15.18	22.33	26.39	26.72	26.66	24.20	20.57	357.61
1988	Critical	10.63	8.08	6.92	2.44	9.43	10.17	17.62	21.17	21.15	21.41	19.25	16.32	164.59
1989	Dry	8.26	6.16	5.32	2.97	9.82	13.71	53.40	57.11	56.68	59.34	56.77	55.11	384.65
1990	Critical	47.65	43.14	39.65	21.67	21.24	17.70	25.15	30.10	30.68	30.75	27.76	23.60	359.09
1991	Critical	12.55	9.33	7.95	3.01	6.42	10.03	18.08	21.01	21.03	21.26	19.15	16.32	166.14
1992	Critical	8.32	6.21	5.37	2.07	5.12	10.08	23.27	27.73	28.02	28.05	24.69	21.93	190.86
1993	Above Normal	8.02	6.16	11.10	4.92	43.96	45.93	45.62	49.77	19.37	57.97	58.37	52.63	403.82
1994	Critical	43.97	39.42	34.74	19.65	21.41	28.11	45.67	52.75	35.65	60.68	14.08	38.20	434.33
1995	Wet	3.42	31.05	57.40	5.35	34.23	32.31	63.88	65.48	64.31	66.42	66.12	62.58	552.55
1996	Wet	57.91	27.40	45.71	25.90	25.25	45.76	49.12	49.86	48.87	50.47	50.10	47.26	523.61
1997	Wet	42.80	38.96	38.04	58.75	60.36	70.05	56.61	58.21	57.22	59.03	58.60	55.34	653.97
1998	Wet	50.70	46.19	45.25	39.17	60.31	68.74	53.76	53.69	52.64	54.56	54.22	51.17	630.40
1999	Wet	46.57	48.94	46.81	60.43	60.36	54.63	42.42	50.19	49.26	51.07	50.67	47.73	609.08
2000	Above Normal	43.22	39.22	38.29	35.74	57.12	44.81	47.44	51.66	51.31	54.20	54.48	49.26	566.75
2001	Dry	41.37	37.15	33.20	18.96	18.94	18.77	32.60	39.87	40.85	41.27	37.89	32.33	393.20
2002	Dry	18.85	14.35	11.30	5.36	12.16	22.42	54.62	55.71	54.39	56.42	35.03	58.79	399.40
2003	Above Normal	13.57	16.90	52.05	8.10	14.07	23.32	40.25	46.33	1.58	59.94	60.27	52.24	388.62
	Average	39.51	34.35	35.65	26.51	34.95	40.00	45.42	50.04	43.92	53.48	50.89	47.66	502.38
	Wet	45.10	41.03	40.16	41.13	52.53	58.65	54.91	57.76	55.36	59.44	59.12	55.39	620.58
	Above Normal	34.31	32.60	37.86	22.38	38.12	43.52	48.05	53.66	44.26	57.32	58.11	52.82	523.01
	Below Normal	42.43	36.70	38.76	27.84	33.21	42.51	45.24	49.96	35.33	57.91	58.12	52.34	520.37
	Dry	38.13	28.70	33.37	16.68	20.64	24.50	42.33	48.58	43.13	52.12	45.75	46.30	440.24
	Critical	31.26	27.37	23.45	12.14	17.20	16.41	27.12	31.98	29.94	33.60	25.13	22.32	297.92

Energy Use (GWh) At Pumping Plant at Teerink: Alternative1_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	73.20	62.94	50.71	12.38	41.20	47.33	47.04	48.48	51.03	52.79	52.48	49.28	588.86
1923	Below Normal	44.07	40.19	38.65	58.94	58.74	47.00	41.27	47.72	50.98	54.17	54.68	48.61	585.02
1924	Critical	39.12	34.88	29.33	14.99	12.49	15.10	23.18	28.33	28.79	28.80	25.99	22.08	303.08
1925	Dry	11.42	8.62	7.37	2.79	7.10	27.21	42.20	54.62	55.85	59.60	60.81	52.87	390.46
1926	Dry	41.14	36.54	29.05	6.09	8.73	19.69	30.93	45.11	45.44	48.46	49.47	42.89	403.54
1927	Wet	32.68	28.76	22.50	6.64	26.85	52.76	50.33	51.77	54.08	55.74	55.36	52.47	489.94
1928	Above Normal	48.00	44.01	43.05	34.71	37.72	28.04	57.23	58.50	58.58	60.45	60.17	57.03	587.49
1929	Critical	52.47	48.29	47.27	32.96	29.51	18.32	21.58	31.05	31.56	31.64	28.63	4.80	378.08
1930	Dry	14.81	17.68	15.45	5.07	8.40	13.77	34.75	41.39	42.34	43.38	41.38	35.52	313.94
1931	Critical	22.96	18.64	14.31	5.07	8.19	14.83	28.27	34.31	34.98	35.12	31.68	26.87	275.23
1932	Dry	14.66	10.69	9.11	5.17	10.97	36.92	31.15	41.68	45.24	47.90	48.33	42.34	344.16
1933	Critical	32.14	28.44	22.77	8.49	43.60	16.66	27.62	41.14	41.88	43.36	41.69	35.82	383.61
1934	Critical	23.72	19.39	14.95	5.24	7.56	15.56	32.27	39.42	40.44	40.49	23.09	1.67	263.80
1935	Below Normal	35.28	27.73	20.79	5.24	10.85	19.95	52.88	56.38	58.90	61.33	61.53	56.54	467.40
1936	Below Normal	49.23	44.86	41.59	25.14	25.78	69.99	49.77	57.27	59.46	61.31	60.95	57.79	603.14
1937	Below Normal	53.20	48.95	47.94	33.18	60.16	59.77	61.98	68.90	70.93	73.14	72.83	69.14	720.12
1938	Wet	64.43	59.55	55.18	37.46	60.35	70.19	71.08	71.70	70.48	76.29	75.78	71.78	784.27
1939	Dry	67.16	61.82	60.84	47.49	42.56	30.44	40.71	46.68	4.95	63.26	33.19	54.55	553.65
1940	Above Normal	19.04	13.71	58.94	8.21	7.29	24.72	46.38	55.04	45.67	62.24	66.68	58.34	466.26
1941	Wet	46.04	41.18	31.82	18.83	43.63	51.06	55.55	56.94	59.22	61.10	60.64	57.43	583.44
1942	Wet	52.86	48.50	45.79	59.54	60.32	60.91	43.38	47.23	50.39	52.98	53.13	48.11	623.14
1943	Wet	40.33	36.24	32.21	44.33	54.54	50.86	61.27	62.73	64.94	67.03	66.57	63.13	644.18
1944	Dry	58.45	3.70	73.23	24.86	20.50	20.11	35.48	42.13	44.11	45.80	44.52	38.60	451.49
1945	Below Normal	26.54	22.29	17.62	10.28	10.78	65.28	49.57	55.66	57.95	59.75	59.36	56.31	491.39
1946	Below Normal	51.74	47.54	46.54	63.42	60.35	67.11	43.29	45.42	47.80	49.65	49.39	46.04	618.29
1947	Dry	40.53	36.77	34.88	30.20	30.51	25.30	57.17	58.37	57.69	59.47	59.21	56.14	546.24
1948	Below Normal	51.59	47.39	46.38	28.78	26.49	17.51	28.04	23.70	5.91	64.04	64.93	56.71	461.47
1949	Dry	44.04	39.34	31.18	8.33	10.24	17.75	50.31	56.87	57.29	60.79	36.96	61.78	474.88
1950	Below Normal	47.97	22.80	29.53	6.92	7.62	15.20	42.85	49.28	2.09	63.91	64.42	55.88	408.47
1951	Above Normal	43.30	38.32	30.24	62.28	60.36	69.87	42.88	50.72	53.21	54.73	54.30	51.41	611.62
1952	Wet	46.90	42.85	41.94	62.68	62.51	69.62	56.66	55.54	54.70	59.69	59.22	56.09	668.40
1953	Wet	51.58	47.15	46.24	64.87	60.31	54.87	40.92	47.95	50.51	53.93	54.49	48.01	620.83
1954	Above Normal	37.86	33.58	27.43	13.25	39.98	28.94	44.46	52.33	52.64	56.43	57.39	49.82	494.11
1955	Dry	38.40	33.87	26.59	7.00	12.12	23.10	41.46	47.91	48.14	51.52	52.48	45.54	428.13
1956	Wet	34.79	30.67	24.08	33.65	62.53	70.32	51.02	57.32	59.81	61.54	61.05	57.85	604.63
1957	Above Normal	53.22	48.73	47.79	42.79	38.37	39.91	46.15	54.23	39.33	63.60	66.41	58.17	598.70
1958	Wet	45.65	40.89	32.90	8.58	48.94	52.13	69.52	71.49	73.73	75.94	75.57	71.63	666.97
1959	Below Normal	66.89	22.43	70.54	30.51	28.57	28.52	39.89	45.55	2.16	59.08	59.41	51.51	505.06
1960	Dry	39.62	34.91	27.67	5.40	6.21	17.17	51.04	57.77	44.42	64.61	51.10	62.01	461.93
1961	Dry	50.18	44.99	37.62	10.52	12.34	15.00	41.34	47.42	47.93	51.11	41.98	27.55	427.98
1962	Below Normal	0.62	40.14	45.61	5.39	6.61	22.82	43.74	50.93	7.54	68.01	68.80	60.24	420.45
1963	Wet	47.43	42.53	34.48	39.46	43.16	43.79	43.08	46.28	48.99	51.03	50.92	47.13	538.28
1964	Dry	41.00	37.10	34.57	31.65	61.94	45.72	47.16	49.36	48.78	50.88	50.74	46.82	545.72
1965	Wet	40.82	36.74	34.37	41.78	58.69	53.27	45.00	47.65	33.41	55.88	55.79	51.41	554.81
1966	Below Normal	44.62	40.44	37.37	56.26	55.87	42.62	42.05	47.83	49.91	52.82	53.34	47.34	570.47
1967	Wet	38.13	33.90	28.57	14.87	58.86	58.01	68.62	70.83	69.80	75.38	74.96	71.06	662.99
1968	Below Normal	66.25	51.73	63.84	30.25	33.21	30.02	40.80	46.86	4.84	62.66	62.93	54.94	548.33
1969	Wet	42.75	38.02	30.56	33.42	60.37	70.04	61.61	68.39	67.44	72.88	72.40	68.60	686.48
1970	Wet	63.78	58.59	57.64	62.28	60.34	69.80	53.01	49.48	51.98	53.49	53.02	50.15	683.56
1971	Wet	45.70	41.72	40.82	62.59	60.32	52.76	42.09	47.80	49.56	52.43	52.80	47.10	595.69
1972	Below Normal	38.27	34.11	29.16	24.31	47.29	42.84	44.07	50.04	50.35	53.53	54.19	47.50	515.66
1973	Above Normal	37.31	32.97	26.80	10.38	53.22	53.86	45.69	53.32	55.64	57.12	56.72	53.71	536.74
1974	Wet	49.21	45.03	44.10	63.53	60.39	69.87	65.94	53.92	56.52	58.05	57.59	54.54	678.69
1975	Wet	50.00	45.64	44.72	54.67	43.81	60.53	51.39	52.51	54.78	56.31	55.94	53.06	623.36
1976	Critical	48.51	44.50	43.55	35.72	34.10	30.35	45.56	52.85	45.42	58.59	42.46	57.21	538.82
1977	Critical	44.40	39.36	24.85	5.29	6.38	10.00	17.22	3.94	0.00	3.07	2.81	3.16	160.48
1978	Above Normal	0.69	22.58	37.51	4.97	12.12	44.02	48.99	53.80	56.85	59.47	59.74	54.48	455.22
1979	Below Normal	46.81	42.34	38.51	26.21	23.63	56.45	51.10	52.40	54.71	56.24	55.90	53.06	557.36
1980	Above Normal	48.53	44.52	43.58	48.68	62.53	70.06	51.99	60.11	62.48	64.47	64.00	60.63	681.58
1981	Dry	56.05	51.30	50.37	41.94	51.55	41.21	45.70	54.00	50.23	62.31	63.18	55.50	623.34
1982	Wet	43.92	39.25	32.04	35.80	46.15	51.94	67.98	69.82	72.20	74.29	73.80	69.92	677.11
1983	Wet	65.18	56.57	55.58	62.28	60.39	69.99	66.95	63.56	62.72	68.11	71.01	67.28	769.62
1984	Wet	64.84	57.57	52.90	62.28	62.50	69.85	42.18	50.49	52.84	54.56	54.09	51.21	675.31
1985	Dry	46.64	42.64	51.55	53.37	44.80	46.63	47.60	49.77	50.90	52.35	51.87	48.98	587.10
1986	Wet	44.55	40.60	39.66	33.84	33.59	70.21	68.45	71.72	73.68	76.10	75.53	71.59	699.52
1987	Dry	67.34	16.13	70.54	26.83	22.30	15.17	22.32	26.38	26.70	26.65	24.18	20.56	365.10
1988	Critical	10.62	8.07	6.92	2.44	9.44	10.17	17.62	21.40	21.39	21.66	19.47	16.51	165.71
1989	Dry	8.36	6.23	5.39	2.95	9.80	13.62	53.30	57.17	56.77	59.48	53.94	55.99	383.00
1990	Critical	48.32	43.75	40.08	21.16	20.88	17.65	25.32	30.32	30.92	30.98	27.98	23.79	361.15
1991	Critical	12.67	9.40	8.01	3.05	6.42	10.03	18.08	21.02	21.04	21.26	19.15	16.32	166.45
1992	Critical	8.32	6.21	5.37	2.07	5.12	10.08	22.93	27.28	27.54	27.58	24.29	21.55	188.34
1993	Above Normal	8.48	6.16	10.36	4.58	44.03	46.06	45.65	49.74	23.27	61.07	61.43	55.81	416.64
1994	Critical	47.25	42.73	38.07	23.23	21.64	28.14	45.62	52.69	36.50	60.42	14.07	38.23	448.59
1995	Wet	3.33	31.01	57.44	5.35	34.23	32.31	63.88	65.48	67.63	63.48	70.71	67.13	561.98
1996	Wet	37.41	3.70	36.79	29.26	25.24	45.75	48.98	49.71	52.03	53.63	53.26	50.43	486.19
1997	Wet	45.97	42.14	40.73	58.73	60.36	70.05	56.59	58.21	60.53	62.34	61.91	58.65	676.21
1998	Wet	54.02	49.51	48.56	42.45	60.31	68.73	53.73	53.39	52.34	54.26	57.23	54.20	648.73
1999	Wet	49.60	51.99	48.20	63.72	60.36	54.63	42.42	50.19	52.57	54.39	53.98	51.05	633.10
2000	Above Normal	46.54	42.54	41.61	39.05	57.15	44.28	47.36	51.75	54.30	57.25	57.56	52.22	591.61
2001	Dry	44.14	39.91	35.79	21.20	18.43	18.62	32.63	39.89	40.87	41.30	37.95	32.38	403.11
2002	Dry	18.92	14.43	11.34	5.39	12.16	22.42	54.56	55.64	54.32	56.35	34.19	58.92	398.64
2003	Above Normal	14.87	16.91	52.07	8.10	14.07	23.32	40.25	46.33	2.50	60.86	61.19	53.16	393.63
	Average	40.85	35.49	36.73	27.96	35.23	40.20	45.39	49.76	46.08	54.87	52.49	49.19	514.25
	Wet	46.23	41.93	40.76	42.42	52.66	59.39	55.45	57.39	58.34	61.57	61.80	58.12	636.06
	Above Normal	35.92	33.91	39.17	24.12	39.00	43.37	47.01	52.86	46.29	59.21	59.84	54.51	535.21
	Below Normal	44.51	38.07	41.01	28.92	32.57	41.79	45.09	49.85	37.40	59.97	60.19	54.40	533.76
	Dry	39.05	29.82	34.03	18.68	21.70	24.99	42.21	48.45	45.67	52.51	46.42	46.61	450.13
	Critical	32.54	28.64	24.62	13.31	17.11	16.41	27.11	31.98	30.04	33.58	25.11	22.33	302.78

Difference in Energy Use (GWh) At Pumping Plant at Teerink: Alternative1_2020 minus CONV_NA

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	0.01	0.00	0.00	3.32	3.33	3.32	3.32	1.11
1923	Below Normal	3.32	3.32	3.32	0.26	(0.03)	(0.30)	0.00	0.04	3.36	3.37	3.38	3.35	1.95
1924	Critical	3.31	3.30	3.26	3.14	(0.14)	(0.04)	0.00	0.01	0.01	0.01	0.01	0.01	1.07
1925	Dry	0.00	0.01	0.00	0.01	(0.01)	(0.19)	0.03	0.03	0.72	0.73	0.73	0.73	0.23
1926	Dry	0.72	0.72	0.71	0.69	(0.01)	(0.01)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	0.22
1927	Wet	(0.03)	(0.02)	(0.02)	0.00	(0.02)	0.00	0.00	0.00	3.32	3.32	3.32	3.32	1.10
1928	Above Normal	3.32	3.32	3.32	3.31	(0.04)	0.00	0.00	0.00	1.38	1.39	1.38	1.39	1.56
1929	Critical	1.38	1.38	1.38	1.38	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	0.45
1930	Dry	(0.01)	(0.02)	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1931	Critical	(0.01)	0.00	(0.01)	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)
1932	Dry	(0.01)	0.00	(0.01)	0.00	0.00	0.81	0.00	0.00	3.32	3.32	3.32	3.31	1.17
1933	Critical	3.32	3.31	3.27	3.30	(0.77)	0.00	0.00	0.00	0.00	0.01	0.00	0.00	1.04
1934	Critical	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	(0.02)	(0.08)	0.00	(0.01)
1935	Below Normal	(0.05)	(0.01)	(0.02)	0.00	(0.02)	(0.09)	(0.13)	0.06	2.94	3.00	3.04	2.89	0.97
1936	Below Normal	2.66	2.63	2.44	2.16	(0.61)	(0.03)	0.01	0.01	3.33	3.33	3.32	3.33	1.88
1937	Below Normal	3.33	3.33	3.33	(0.01)	0.00	0.00	0.00	0.00	3.32	3.32	3.32	3.32	1.94
1938	Wet	3.33	3.32	0.00	(0.82)	(0.01)	(0.09)	1.44	0.45	0.08	3.82	3.78	3.66	1.58
1939	Dry	3.87	3.85	3.85	6.23	(1.53)	(5.03)	(6.81)	(8.23)	(10.08)	(1.58)	7.03	(4.95)	(1.12)
1940	Above Normal	5.65	3.53	3.75	3.04	0.03	0.00	0.01	0.01	2.95	2.80	2.89	2.88	2.30
1941	Wet	2.88	2.87	1.48	(0.01)	0.00	(0.20)	(0.19)	(0.20)	3.12	3.11	3.11	3.12	1.59
1942	Wet	3.12	3.14	1.36	(0.02)	0.00	(0.18)	0.00	0.00	3.32	3.31	3.32	3.31	1.72
1943	Wet	3.31	3.31	3.30	(0.01)	(0.46)	(0.43)	(0.32)	(0.34)	2.97	2.97	2.97	2.99	1.69
1944	Dry	3.00	2.59	4.02	1.56	(1.58)	(0.51)	0.00	(0.01)	1.51	1.51	1.51	1.51	1.26
1945	Below Normal	1.51	1.52	1.51	1.52	0.00	(4.70)	0.08	0.07	3.39	3.40	3.39	3.39	1.26
1946	Below Normal	3.39	3.40	3.39	3.30	0.00	(0.12)	(0.15)	0.08	3.22	3.29	3.33	3.17	2.19
1947	Dry	2.93	2.90	2.67	2.24	0.07	(0.81)	0.15	0.16	0.78	0.78	0.78	0.77	1.12
1948	Below Normal	0.76	0.76	0.76	(0.53)	(1.02)	(0.38)	0.01	0.33	(0.05)	0.03	0.00	0.10	0.06
1949	Dry	0.05	0.04	(0.14)	(0.03)	(0.03)	(0.04)	(0.12)	0.01	0.04	0.08	(0.34)	0.15	(0.03)
1950	Below Normal	0.08	0.16	0.21	0.00	0.00	0.00	0.00	0.00	0.31	0.31	0.32	0.32	0.14
1951	Above Normal	0.31	0.31	0.00	0.00	0.00	0.00	0.05	0.04	3.36	3.36	3.36	3.36	1.18
1952	Wet	3.36	3.35	3.36	3.32	0.00	(0.01)	(0.24)	(9.65)	(9.37)	(6.57)	(6.56)	(6.07)	(2.09)
1953	Wet	(5.93)	(5.31)	(5.28)	3.74	9.51	19.58	1.56	1.42	30.53	(1.90)	(1.84)	(1.02)	3.76
1954	Above Normal	0.32	0.44	1.37	5.12	10.58	2.35	(0.20)	(0.03)	2.99	1.28	(1.13)	(1.04)	1.84
1955	Dry	(0.85)	(0.80)	(0.68)	(0.25)	0.32	0.54	0.92	1.12	1.16	1.23	1.26	1.09	0.42
1956	Wet	0.91	0.83	0.69	(6.65)	(0.01)	0.01	0.17	0.16	3.46	3.47	3.47	3.47	0.83
1957	Above Normal	3.47	3.46	3.46	3.35	(0.01)	(0.69)	(0.01)	(0.03)	1.97	2.67	2.78	2.76	1.93
1958	Wet	2.75	2.74	2.72	2.64	(0.04)	(0.03)	(0.03)	(0.03)	3.28	3.28	3.29	3.30	1.99
1959	Below Normal	3.28	2.65	3.26	3.35	0.00	0.01	0.00	0.00	0.24	0.23	0.24	0.24	1.13
1960	Dry	0.24	0.24	0.24	0.25	0.00	(0.06)	0.01	0.01	0.06	0.00	0.17	(0.06)	0.09
1961	Dry	(0.04)	(0.04)	(0.03)	0.02	0.01	0.00	0.01	0.01	0.01	0.01	(0.02)	0.01	0.00
1962	Below Normal	0.00	(0.10)	(0.13)	0.00	0.00	0.00	0.00	0.00	3.05	3.05	3.05	3.05	1.00
1963	Wet	3.05	3.05	3.05	3.05	0.00	0.00	0.00	0.00	3.32	3.31	3.32	3.32	2.12
1964	Dry	3.32	3.32	3.32	3.36	0.01	0.02	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	1.11
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	3.22	3.36	3.35	3.35	1.11
1966	Below Normal	3.33	3.33	3.32	3.28	(0.05)	(0.01)	0.00	(0.01)	2.03	2.03	2.03	2.03	1.78
1967	Wet	2.03	2.03	2.04	2.05	0.01	0.02	0.00	0.00	0.00	3.32	3.32	3.32	1.51
1968	Below Normal	3.32	(5.86)	7.26	0.79	(2.97)	(0.77)	0.17	0.21	2.67	2.51	2.54	2.53	1.03
1969	Wet	2.51	2.52	2.49	(0.13)	0.00	0.01	(1.41)	1.55	0.07	3.39	3.39	3.38	1.48
1970	Wet	3.39	3.38	3.38	0.00	(0.01)	(0.07)	5.14	(0.35)	2.96	2.96	2.96	2.98	2.23
1971	Wet	2.99	3.02	3.02	3.30	0.00	0.87	0.02	(0.17)	1.51	1.44	1.40	1.55	1.58
1972	Below Normal	1.77	1.79	1.98	2.87	0.38	0.28	0.05	0.01	0.00	(0.01)	(0.03)	0.00	0.76
1973	Above Normal	0.05	0.06	0.09	0.19	0.00	0.00	0.00	0.00	3.17	3.17	3.18	3.17	1.09
1974	Wet	3.18	3.18	3.17	3.18	0.00	(0.01)	(0.40)	(0.15)	3.16	3.16	3.16	3.16	2.07
1975	Wet	3.17	3.18	3.18	3.61	0.09	(0.07)	(0.08)	(0.10)	3.11	3.11	3.11	3.11	2.12
1976	Critical	3.11	3.12	3.12	3.15	(0.01)	0.06	0.10	0.13	0.31	0.10	(0.12)	0.16	1.10
1977	Critical	0.19	0.10	(0.81)	0.00	0.00	0.00	0.00	(0.10)	0.00	(0.02)	0.00	0.01	(0.05)
1978	Above Normal	0.00	0.00	(0.11)	0.00	(0.01)	(3.05)	(0.61)	0.68	4.36	4.87	5.18	4.04	1.28
1979	Below Normal	2.40	2.22	0.78	(1.90)	(4.69)	(3.99)	(2.13)	(2.27)	1.04	0.98	0.99	1.10	(0.46)
1980	Above Normal	1.14	1.29	1.31	2.84	0.00	(0.05)	(11.66)	(10.35)	(6.98)	(7.26)	(7.26)	(6.77)	(3.65)
1981	Dry	(6.61)	3.58	(11.42)	13.05	22.44	14.31	3.93	4.61	46.23	(0.82)	(0.57)	0.10	7.40
1982	Wet	1.13	1.29	1.88	4.52	1.38	(0.03)	(0.02)	(0.02)	3.30	3.30	3.30	3.30	1.94
1983	Wet	3.30	(0.01)	(0.02)	0.00	0.00	0.00	5.31	(1.94)	(3.39)	0.00	3.32	3.32	0.82
1984	Wet	0.00	0.00	(14.48)	0.00	0.00	0.00	0.00	0.00	3.32	3.32	3.32	3.32	(0.10)
1985	Dry	3.32	3.31	3.32	3.32	0.00	0.00	0.00	0.00	1.83	1.83	1.83	1.83	1.72
1986	Wet	1.82	1.83	1.83	1.83	(7.03)	(0.08)	3.31	0.16	3.32	3.45	3.40	3.41	1.44
1987	Dry	3.59	(2.62)	3.33	3.30	(0.02)	(0.01)	(0.01)	(0.01)	(0.02)	(0.01)	(0.02)	(0.01)	0.62
1988	Critical	(0.01)	(0.01)	0.00	0.00	0.01	0.00	0.00	0.23	0.24	0.25	0.22	0.19	0.09
1989	Dry	0.10	0.07	0.07	(0.02)	(0.02)	(0.09)	(0.10)	0.06	0.09	0.14	(2.83)	0.88	(0.14)
1990	Critical	0.67	0.61	0.43	(0.51)	(0.36)	(0.05)	0.17	0.22	0.24	0.23	0.22	0.19	0.17
1991	Critical	0.12	0.07	0.06	0.04	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.03
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.34)	(0.45)	(0.48)	(0.47)	(0.40)	(0.38)	(0.21)
1993	Above Normal	0.46	0.00	(0.74)	(0.34)	0.07	0.13	0.03	(0.03)	3.90	3.10	3.06	3.18	1.07
1994	Critical	3.28	3.31	3.33	3.58	0.23	0.03	(0.05)	(0.06)	0.85	(0.26)	(0.01)	0.03	1.19
1995	Wet	(0.09)	(0.04)	0.04	0.00	0.00	0.00	0.00	0.00	3.32	(2.94)	4.59	4.55	0.79
1996	Wet	(20.50)	(23.70)	(8.92)	3.36	(0.01)	(0.01)	(0.14)	(0.15)	3.16	3.16	3.16	3.17	(3.12)
1997	Wet	3.17	3.18	2.69	(0.02)	0.00	0.00	(0.02)	0.00	3.31	3.31	3.31	3.31	1.85
1998	Wet	3.32	3.32	3.31	3.28	0.00	(0.01)	(0.03)	(0.30)	(0.30)	(0.30)	3.01	3.03	1.53
1999	Wet	3.03	3.05	1.39	3.29	0.00	0.00	0.00	0.00	3.31	3.32	3.31	3.32	2.00
2000	Above Normal	3.32	3.32	3.32	3.31	0.03	(0.53)	(0.08)	0.09	2.99	3.05	3.08	2.96	2.07
2001	Dry	2.77	2.76	2.59	2.24	(0.51)	(0.15)	0.03	0.02	0.02	0.03	0.06	0.05	0.83
2002	Dry	0.07	0.08	0.04	0.03	0.00	0.00	(0.06)	(0.07)	(0.07)	(0.07)	(0.84)	0.13	(0.06)
2003	Above Normal	1.30	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.92	0.92	0.92	0.92	0.42
	Average	1.33	1.14	1.08	1.46	0.28	0.20	(0.03)	(0.28)	2.16	1.39	1.60	1.53	0.99
	Wet	1.12	0.90	0.60	1.29	0.13	0.74	0.54	(0.37)	2.98	2.13	2.68	2.73	1.29
	Above Normal	1.61	1.31	1.32	1.74	0.89	(0.15)	(1.04)	(0.80)	2.03	1.89	1.73	1.68	1.02
	Below Normal	2.08	1.37	2.24	1.08	(0.64)	(0.72)	(0.15)	(0.11)	2.06	2.06	2.07	2.06	1.12
	Dry	0.91	1.11	0.66	2.00	1.06	0.49	(0.11)	(0.13)	2.53	0.40	0.67	0.31	0.82
	Critical	1.28	1.27	1.17	1.17	(0.09)	(0.00)	(0.01)	(0.00)	0.09	(0.02)	(0.02)	0.02	0.41

Percent Difference in Energy Use (GWh) At Pumping Plant at Teerink: Alternative1_2020 minus CONV_NA

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%	7%	7%	7%	7%
1923	Below Normal	8%	9%	9%	0%	0%	-1%	0%	0%	7%	7%	7%	7%
1924	Critical	9%	10%	13%	26%	-1%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	1%	1%	1%	1%
1926	Dry	2%	2%	3%	13%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	7%	6%	6%	7%
1928	Above Normal	7%	8%	8%	11%	0%	0%	0%	0%	2%	2%	2%	2%
1929	Critical	3%	3%	3%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	2%	0%	0%	8%	7%	7%	8%
1933	Critical	12%	13%	17%	64%	-2%	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%	5%	5%	5%	5%
1936	Below Normal	6%	6%	6%	9%	-2%	0%	0%	0%	6%	6%	6%	6%
1937	Below Normal	7%	7%	7%	0%	0%	0%	0%	0%	5%	5%	5%	5%
1938	Wet	5%	6%	0%	-2%	0%	0%	2%	1%	0%	5%	5%	5%
1939	Dry	6%	7%	7%	15%	-3%	-14%	-14%	-15%	-67%	-2%	27%	-8%
1940	Above Normal	42%	35%	7%	59%	0%	0%	0%	0%	7%	5%	5%	5%
1941	Wet	7%	7%	5%	0%	0%	0%	0%	0%	6%	5%	5%	6%
1942	Wet	6%	7%	3%	0%	0%	0%	0%	0%	7%	7%	7%	7%
1943	Wet	9%	10%	11%	0%	-1%	-1%	-1%	-1%	5%	5%	5%	5%
1944	Dry	5%	233%	6%	7%	-7%	-2%	0%	0%	4%	3%	4%	4%
1945	Below Normal	6%	7%	9%	17%	0%	-7%	0%	0%	6%	6%	6%	6%
1946	Below Normal	7%	8%	8%	5%	0%	0%	0%	0%	7%	7%	7%	7%
1947	Dry	8%	9%	8%	8%	0%	-3%	0%	0%	1%	1%	1%	1%
1948	Below Normal	1%	2%	2%	-2%	-4%	-2%	0%	1%	-1%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1950	Below Normal	0%	1%	1%	0%	0%	0%	0%	0%	17%	0%	0%	1%
1951	Above Normal	1%	1%	0%	0%	0%	0%	0%	0%	7%	7%	7%	7%
1952	Wet	8%	8%	9%	6%	0%	0%	0%	-15%	-15%	-10%	-10%	-10%
1953	Wet	-10%	-10%	-10%	6%	19%	55%	4%	3%	153%	-3%	-3%	-2%
1954	Above Normal	1%	1%	5%	63%	36%	9%	0%	0%	6%	2%	-2%	-2%
1955	Dry	-2%	-2%	-2%	-3%	3%	2%	2%	2%	2%	2%	2%	2%
1956	Wet	3%	3%	3%	-17%	0%	0%	0%	0%	6%	6%	6%	6%
1957	Above Normal	7%	8%	8%	8%	0%	-2%	0%	0%	5%	4%	4%	5%
1958	Wet	6%	7%	9%	44%	0%	0%	0%	0%	5%	5%	5%	5%
1959	Below Normal	5%	13%	5%	12%	0%	0%	0%	0%	13%	0%	0%	0%
1960	Dry	1%	1%	1%	5%	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%	68%	5%	5%	5%
1963	Wet	7%	8%	10%	8%	0%	0%	0%	0%	7%	7%	7%	8%
1964	Dry	9%	10%	11%	12%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	11%	6%	6%	7%
1966	Below Normal	8%	9%	10%	6%	0%	0%	0%	0%	4%	4%	4%	4%
1967	Wet	6%	6%	8%	16%	0%	0%	0%	0%	0%	5%	5%	5%
1968	Below Normal	5%	-10%	13%	3%	-8%	-3%	0%	0%	123%	4%	4%	5%
1969	Wet	6%	7%	9%	0%	0%	0%	-2%	2%	0%	5%	5%	5%
1970	Wet	6%	6%	6%	0%	0%	0%	11%	-1%	6%	6%	6%	6%
1971	Wet	7%	8%	8%	6%	0%	2%	0%	0%	3%	3%	3%	3%
1972	Below Normal	5%	6%	7%	13%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	2%	0%	0%	0%	0%	6%	6%	6%	6%
1974	Wet	7%	8%	8%	5%	0%	0%	-1%	0%	6%	6%	6%	6%
1975	Wet	7%	7%	8%	7%	0%	0%	0%	0%	6%	6%	6%	6%
1976	Critical	7%	8%	8%	10%	0%	0%	0%	0%	1%	0%	0%	0%
1977	Critical	0%	0%	-3%	0%	0%	0%	0%	-2%	0%	-1%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	-6%	-1%	1%	8%	9%	9%	8%
1979	Below Normal	5%	6%	2%	-7%	-17%	-7%	-4%	-4%	2%	2%	2%	2%
1980	Above Normal	2%	3%	3%	6%	0%	0%	-18%	-15%	-10%	-10%	-10%	-10%
1981	Dry	-11%	8%	-18%	45%	77%	53%	9%	9%	>1,000%	-1%	-1%	0%
1982	Wet	3%	3%	6%	14%	3%	0%	0%	0%	5%	5%	5%	5%
1983	Wet	5%	0%	0%	0%	0%	0%	9%	-3%	-5%	0%	5%	5%
1984	Wet	0%	0%	-21%	0%	0%	0%	0%	0%	7%	6%	7%	7%
1985	Dry	8%	8%	7%	7%	0%	0%	0%	0%	4%	4%	4%	4%
1986	Wet	4%	5%	5%	6%	-17%	0%	5%	0%	5%	5%	5%	5%
1987	Dry	6%	-14%	5%	14%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%
1989	Dry	1%	1%	1%	-1%	0%	-1%	0%	0%	0%	0%	-5%	2%
1990	Critical	1%	1%	1%	-2%	-2%	0%	1%	1%	1%	1%	1%	1%
1991	Critical	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	-1%	-2%	-2%	-2%	-2%	-2%
1993	Above Normal	6%	0%	-7%	-7%	0%	0%	0%	0%	20%	5%	5%	6%
1994	Critical	7%	8%	10%	18%	1%	0%	0%	0%	2%	0%	0%	0%
1995	Wet	-3%	0%	0%	0%	0%	0%	0%	0%	5%	-4%	7%	7%
1996	Wet	-35%	-86%	-20%	13%	0%	0%	0%	0%	6%	6%	6%	7%
1997	Wet	7%	8%	7%	0%	0%	0%	0%	0%	6%	6%	6%	6%
1998	Wet	7%	7%	7%	8%	0%	0%	0%	-1%	-1%	-1%	6%	6%
1999	Wet	7%	6%	3%	5%	0%	0%	0%	0%	7%	7%	7%	7%
2000	Above Normal	8%	8%	9%	9%	0%	-1%	0%	0%	6%	6%	6%	6%
2001	Dry	7%	7%	8%	12%	-3%	-1%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	1%	0%	1%	0%	0%	0%	0%	0%	0%	-2%	0%
2003	Above Normal	10%	0%	0%	0%	0%	0%	0%	0%	58%	2%	2%	2%
	Average	4%	6%	3%	7%	1%	1%	0%	0%	7%	3%	3%	3%
	Wet	3%	1%	3%	5%	0%	2%	1%	-1%	9%	4%	5%	5%
	Above Normal	7%	5%	3%	13%	3%	0%	-2%	-1%	10%	4%	3%	4%
	Below Normal	5%	4%	6%	4%	-2%	-1%	0%	0%	19%	4%	4%	4%
	Dry	2%	15%	2%	7%	4%	2%	0%	0%	-3%	1%	2%	1%
	Critical	3%	4%	4%	10%	0%	0%	0%	0%	0%	0%	0%	0%