Hydropower Modeling Attachment: Alternative Plan 5, 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: Alternative5_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	10.11	10.38	10.51	10.04	116.47
1923	Below Normal	9.44	8.66	8.59	11.23	10.15	9.70	7.43	9.51	9.63	9.66	10.54	9.78	114.32
1924	Critical	8.11	7.25	6.54	2.38	2.75	2.81	4.62	6.32	6.56	5.92	5.90	5.55	64.71
1925	Dry	3.70	2.91	2.55	0.71	1.36	4.10	8.45	10.91	10.87	11.03	11.23	10.87	78.69
1926	Dry	9.13	8.19	7.19	0.78	1.75	3.61	6.39	8.95	9.17	9.08	10.20	9.35	83.79
1927	Wet	7.50	6.70	5.89	1.47	6.10	11.12	10.51	10.97	10.87	11.22	11.23	10.80	104.38
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	4.27	6.98	7.22	6.52	6.53	0.97	84.28
1930	Dry	3.94	5.18	5.00	0.69	1.67	2.47	6.84	8.97	9.29	8.70	9.17	8.56	70.48
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	8.54	8.42	9.33	8.58	68.39
1933	Critical	6.75	5.98	5.28	0.73	6.34	3.34	6.40	8.82	9.10	8.62	9.16	8.52	79.04
1934	Critical	6.28	5.30	4.67	0.73	1.80	3.36	6.65	8.89	9.16	8.55	7.94	0.29	63.62
1935	Below Normal	8.61	7.87	6.70	0.73	2.26	3.65	10.45	11.23	10.87	11.23	11.23	10.87	95.70
1936	Below Normal	10.48	9.58	9.14	4.67	5.47	11.23	10.87	11.23	10.87	11.23	11.23	10.87	116.87
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	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	10.52	10.13	6.26	7.38	9.27	0.33	11.20	2.54	9.55	100.51
1940	Above Normal	1.32	1.00	11.23	0.73	1.41	4.64	8.49	10.99	6.67	10.64	11.23	10.87	79.22
1941	Wet	9.63	8.63	7.56	4.86	9.70	10.68	10.87	11.23	10.87	11.23	11.23	10.87	117.36
1942	Wet	11.23	10.55	10.55	11.23	10.15	11.23	8.36	9.59	9.67	9.78	10.37	9.71	122.42
1943	Wet	8.46	7.63	7.16	10.99	10.15	10.62	10.87	11.23	10.87	11.23	11.23	10.87	121.31
1944	Dry	11.23	0.06	11.23	4.86	4.76	4.05	6.85	8.95	9.19	8.76	9.39	8.74	88.07
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	11.23	10.39	10.38	11.23	10.15	11.23	8.58	9.40	9.39	9.63	9.81	9.34	120.76
1947	Dry	8.66	7.92	7.79	6.52	6.80	4.90	10.87	11.23	10.87	11.23	11.23	10.87	108.89
1948	Below Normal	11.23	10.87	10.93	6.47	6.23	3.50	5.74	1.59	0.81	11.23	11.23	10.87	90.70
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	10.52	2.17	10.36	1.14	1.49	2.82	7.80	9.80	0.31	11.23	11.23	10.87	79.74
1951	Above Normal	9.52	8.54	7.52	11.23	10.15	11.23	9.71	10.66	10.60	10.92	10.93	10.50	121.51
1952	Wet	10.08	9.28	9.31	11.23	10.51	11.23	10.87	11.23	10.87	11.23	11.23	10.87	127.94
1953	Wet	11.12	10.24	10.26	11.23	10.15	11.23	7.32	9.49	9.64	9.65	10.62	9.83	120.78
1954	Above Normal	8.00	7.13	6.33	2.20	8.94	5.61	8.06	10.37	10.56	10.50	11.23	10.79	99.72
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	10.59	10.60	9.33	8.92	8.04	8.43	10.81	4.58	11.19	11.23	10.87	115.82
1958	Wet	9.60	8.64	7.56	1.69	10.15	10.95	10.87	11.23	10.87	11.23	11.23	10.87	114.89
1959	Below Normal	11.23	1.61	11.23	5.90	6.37	5.42	7.21	9.02	0.33	10.92	11.23	10.87	91.34
1960	Dry	8.73	7.79	6.87	0.73	1.15	3.24	9.68	11.23	7.00	11.23	8.46	10.87	86.98
1961	Dry	11.08	10.02	9.05	2.14	2.70	2.79	7.51	9.42	9.67	9.56	7.12	3.06	84.12
1962	Below Normal	0.10	5.41	11.23	0.77	1.27	4.26	7.98	10.15	0.32	11.23	11.23	10.87	74.82
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	6.95	10.51	9.34	9.52	10.25	10.25	10.48	10.76	10.20	112.53
1965	Wet	9.39	8.57	8.36	10.30	10.15	11.14	8.95	9.81	3.78	10.72	11.09	10.49	112.75
1966	Below Normal	9.46	8.62	8.29	11.23	10.15	8.72	7.69	9.56	9.69	9.71	10.55	9.79	113.46
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	6.09	7.44	5.72	7.36	9.27	0.35	11.21	11.23	10.87	102.87
1969	Wet	8.93	7.98	7.03	8.39	10.15	11.23	10.87	11.23	10.87	11.23	11.23	10.87	120.01
1970	Wet	11.23	10.87	11.23	11.23	10.15	11.23	10.87	10.33	10.28	10.58	10.59	10.16	128.75
1971	Wet	9.76	8.98	9.00	11.23	10.15	10.88	7.75	9.61	9.73	9.78	10.53	9.81	117.21
1972	Below Normal	8.31	7.47	6.86	5.73	10.51	8.79	8.16	9.98	10.17	10.12	11.13	10.28	107.51
1973	Above Normal	8.44	7.56	6.77	2.77	10.15	11.03	10.43	11.23	10.87	11.23	11.23	10.87	112.58
1974	Wet	10.64	9.81	9.82	11.23	10.15	11.23	10.87	11.23	10.87	11.23	11.23	10.87	129.18
1975	Wet	10.76	9.90	9.92	11.23	10.10	11.23	10.75	11.12	10.87	11.23	11.23	10.87	129.21
1976	Critical	10.51	9.72	9.72	7.65	7.99	5.94	8.30	10.51	7.91	10.92	6.13	10.87	106.17
1977	Critical	9.84	8.83	5.56	0.76	1.18	1.62	3.26	0.28	0.00	0.36	0.62	0.31	32.62
1978	Above Normal	0.11	3.09	6.80	0.67	2.87	9.11	9.56	11.15	10.87	11.23	11.23	10.87	87.56
1979	Below Normal	9.96	9.04	8.61	5.08	5.50	11.23	10.71	11.13	10.87	11.23	11.23	10.87	115.46
1980	Above Normal	10.52	9.72	9.72	11.23	10.51	11.23	10.87	11.23	10.87	11.23	11.23	10.87	129.23
1981	Dry	11.23	10.87	11.17	9.08	10.15	8.36	8.32	10.78	8.50	11.19	11.23	10.87	121.75
1982	Wet	9.23	8.27	7.32	8.28	10.15	10.86	10.87	11.23	10.87	11.23	11.23	10.87	120.41
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	8.82	11.23	10.51	11.23	9.56	10.60	10.52	10.87	10.88	10.45	126.77
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	1.69	11.23	5.35	5.21	2.92	4.43	5.86	6.08	5.49	5.50	5.16	70.15
1988	Critical	3.48	2.72	2.39	0.72	1.93	1.63	3.35	4.65	4.84	4.42	4.38	4.10	38.61
1989	Dry	2.71	2.08	1.85	1.00	2.03	2.42	10.66	11.23	10.87	11.23	10.64	10.87	77.59
1990	Critical	10.99	10.06	9.67	4.96	4.99	3.53	5.12	6.80	7.06	6.38	6.38	6.00	81.94
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	6.06	6.27	5.67	5.45	5.41	43.53
1993	Above Normal	2.70	2.03	3.61	0.73	9.83	9.58	8.89	10.16	1.89	11.23	11.23	10.87	82.75
1994	Critical	9.99	9.07	8.48	4.47	5.01	5.34	8.32	10.49	4.81	11.23	2.36	4.16	83.73
1995	Wet	0.61	3.66	11.23	0.77	7.71	6.41	10.87	11.23	10.87	11.23	11.23	10.87	96.69
1996	Wet	4.64	0.06	11.23	6.73	5.63	9.43	10.18	10.47	10.38	10.72	10.75	10.30	100.52
1997	Wet	9.89	9.14	9.15	11.23	10.15	11.23	10.87	11.23	10.87	11.23	11.23	10.87	127.09
1998	Wet	11.23	10.76	10.78	9.22	10.15	11.23	10.87	11.23	10.87	11.23	11.23	10.87	129.67
1999	Wet	10.72	10.12	10.52	11.23	10.15	10.23	9.61	10.55	10.47	10.84	10.86	10.41	125.71
2000	Above Normal	10.00	9.21	9.23	8.37	10.51	9.13	9.23	10.64	10.69	10.86	11.23	10.77	119.87
2001	Dry	9.43	8.56	8.09	4.23	4.34	3.68	6.70	9.00	9.29	8.49	8.65	8.13	88.59
2002	Dry	5.60	4.53	3.95	1.44	2.88	4.14	10.87	11.23	10.87	11.23	4.37	10.87	81.98
2003	Above Normal	1.60	0.91	11.23	2.21	3.33	4.32	7.26	9.16	0.27	11.11	11.23	10.87	73.50
	Average	8.52	7.46	8.20	5.68	6.83	7.42	8.66	9.78	8.54	10.07	9.71	9.48	100.36
	Wet	9.39	8.64	9.04	8.61	9.66	10.76	10.21	10.79	10.34	10.91	11.02	10.59	119.96
	Above Normal	7.09	6.69	8.66	5.02	7.88	8.26	9.29	10.65	8.24	10.98	11.15	10.76	104.64
	Below Normal	9.25	7.77	9.22	5.69	6.39	7.74	8.69	9.60	6.81	10.79	11.02	10.56	103.54
	Dry	8.31	6.56	7.32	3.88	4.56	4.68	8.21	9.82	8.99	9.94	8.63	9.31	90.22
	Critical	7.51	6.69	6.04	2.68	3.61	3.11	5.34	6.84	6.31	6.68	5.53	4.75	65.10

Difference in Energy generated (GWh) at Alamo Dam: Alternative5_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	(0.07)	(0.01)	0.00	0.01	0.00	0.01	0.01	0.00
1924	Critical	(0.01)	0.00	(0.01)	(0.05)	(0.03)	(0.01)	0.00	0.01	0.00	0.00	0.00	0.00	(0.01)
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.00	(0.01)	0.00	0.00
1927	Wet	0.00	0.00	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	(0.01)	0.00	0.00	0.00	0.00	0.15	0.01
1930	Dry	0.01	0.04	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	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	(0.27)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1934	Critical	0.00	0.00	0.00	0.00	0.33	0.50	(0.03)	(0.07)	(0.10)	0.19	4.36	0.00	0.43
1935	Below Normal	(0.94)	0.03	0.31	0.02	(0.03)	(0.02)	(0.31)	0.00	0.00	0.00	0.00	0.00	(0.08)
1936	Below Normal	(0.20)	(0.22)	(0.35)	(0.74)	(0.62)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.18)
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	(0.24)	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	0.82	(0.02)	(0.82)	(1.29)	(1.66)	(1.09)	(0.03)	0.65	(1.32)	(0.40)
1940	Above Normal	0.30	0.33	1.81	(0.01)	0.01	0.00	0.00	0.00	0.03	(0.02)	0.00	0.00	0.20
1941	Wet	0.01	0.00	0.01	0.00	0.00	(0.05)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	(0.05)	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	(0.01)
1943	Wet	0.00	0.00	0.00	(0.01)	0.00	(0.09)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1944	Dry	0.00	(0.17)	0.00	(0.45)	(0.39)	(0.13)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	(0.10)
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.02	0.01	0.01	0.00	0.00	0.00	(0.07)	(0.01)	0.01	(0.01)	0.03	0.02	0.00
1947	Dry	(0.05)	(0.05)	(0.09)	(0.19)	(0.16)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)
1948	Below Normal	0.00	0.00	0.03	(0.42)	(0.33)	(0.12)	0.00	0.36	(0.02)	0.00	0.00	0.00	(0.04)
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	0.07	0.10	7.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01
1952	Wet	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
1953	Wet	(0.11)	(0.63)	(0.97)	0.00	0.00	4.37	0.27	0.34	8.29	(0.71)	(0.61)	(0.72)	0.79
1954	Above Normal	(0.35)	(0.34)	(0.24)	0.79	2.29	0.55	(0.05)	(0.02)	1.05	0.56	0.00	(0.08)	0.35
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	0.04	0.03	0.01	0.01	(0.17)	0.00	0.00	(0.24)	(0.02)	0.00	0.00	(0.03)
1958	Wet	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.43	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1960	Dry	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.02	0.00	0.06	0.00	0.01
1961	Dry	(0.01)	(0.01)	(0.01)	0.00	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	0.00	0.00	0.00	0.00	0.40
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.01	0.00	0.00	(0.01)	0.00	(0.03)	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	(0.53)	(0.63)	(0.17)	0.03	0.04	0.00	0.05	0.00	0.00	(0.10)
1969	Wet	0.05	0.04	0.04	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.95	(0.14)	(0.13)	(0.14)	(0.14)	(0.14)	0.02
1971	Wet	(0.13)	(0.12)	(0.12)	0.00	0.00	0.20	0.05	(0.02)	(0.03)	(0.02)	(0.07)	(0.04)	(0.03)
1972	Below Normal	0.02	0.04	0.07	0.30	0.01	0.08	0.03	0.01	0.02	0.02	0.01	0.01	0.05
1973	Above Normal	0.03	0.03	0.03	0.06	0.00	(0.07)	0.07	0.00	0.00	0.00	0.00	0.00	0.01
1974	Wet	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	(0.03)	(0.03)	(0.03)	0.00	0.02	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	(0.01)
1976	Critical	(0.01)	(0.01)	(0.01)	0.00	0.00	0.01	0.01	0.02	0.06	0.02	(0.04)	0.00	0.00
1977	Critical	0.01	0.01	(0.22)	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	(0.02)
1978	Above Normal	0.00	0.17	0.06	0.00	0.00	(0.71)	(0.35)	0.00	0.00	0.00	0.00	0.00	(0.07)
1979	Below Normal	(0.29)	(0.34)	(0.56)	(1.38)	(1.18)	0.00	(0.16)	(0.10)	0.00	0.00	0.00	0.00	(0.33)
1980	Above Normal	(0.48)	(0.46)	(0.44)	3.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
1981	Dry	0.00	1.03	(0.06)	2.67	3.74	3.27	0.74	0.97	8.13	(0.04)	0.00	0.00	1.70
1982	Wet	(0.28)	(0.25)	(0.18)	0.44	0.22	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	(2.41)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.20)
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.50	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.04
1988	Critical	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.05	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	(0.59)	0.00	(0.05)
1990	Critical	0.11	0.10	0.08	(0.13)	(0.09)	(0.02)	0.04	0.05	0.05	0.05	0.05	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)	(0.11)	(0.12)	(0.10)	(0.07)	(0.11)	(0.05)
1993	Above Normal	0.20	0.00	(0.27)	0.00	0.01	0.03	0.02	0.00	0.28	0.00	0.00	0.00	0.02
1994	Critical	0.04	0.03	0.01	0.06	0.06	0.01	(0.01)	(0.01)	0.33	0.00	0.56	(0.04)	0.09
1995	Wet	(0.07)	2.54	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29
1996	Wet	(6.59)	(3.16)	4.78	0.23	(0.09)	(0.07)	(0.04)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.43)
1997	Wet	(0.05)	(0.04)	(0.05)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1998	Wet	0.00	(0.01)	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	(0.07)	(0.06)	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.12)	(0.05)	0.00	0.01	0.00	0.00	0.02	(0.01)
2001	Dry	(0.03)	(0.04)	(0.06)	(0.16)	(0.14)	(0.04)	0.00	0.00	0.00	0.01	0.01	0.01	(0.04)
2002	Dry	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.30)	0.00	(0.02)
2003	Above Normal	0.27	(0.01)	2.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26
	Average	(0.10)	(0.00)	0.21	0.05	0.03	0.08	(0.00)	(0.00)	0.20	0.00	0.05	(0.02)	0.04
	Wet	(0.27)	(0.06)	0.10	0.00	0.01	0.17	0.05	0.00	0.31	(0.04)	(0.03)	(0.04)	0.02
	Above Normal	(0.00)	(0.02)	0.32	0.33	0.19	(0.04)	(0.03)	(0.00)	0.10	0.04	0.00	(0.00)	0.07
	Below Normal	(0.09)	0.01	0.82	(0.20)	(0.20)	(0.02)	(0.04)	0.02	0.00	0.00	0.00	0.00	0.03
	Dry	(0.01)	0.07	(0.02)	0.15	0.17	0.13	(0.03)	(0.03)	0.40	0.01	(0.01)	(0.06)	0.07
	Critical	0.02	0.01	(0.01)	(0.01)	0.00	0.04	(0.01)	(0.01)	0.02	0.02	0.41	0.01	0.04

Percent Difference in Energy generated (GWh) at Alamo Dam: Alternative5_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%	-2%	-1%	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%	-1%	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%	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%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	22%	17%	0%	-1%	-1%	2%	122%	0%
1935	Below Normal	-10%	0%	5%	3%	-1%	-1%	-3%	0%	0%	0%	0%	0%
1936	Below Normal	-2%	-2%	-4%	-14%	-10%	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%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	8%	0%	-12%	-15%	-15%	-77%	0%	34%	-12%
1940	Above Normal	29%	49%	19%	-1%	1%	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%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	-74%	0%	-8%	-8%	-3%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1947	Dry	-1%	-1%	-1%	-3%	-2%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-6%	-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	1%	5%	240%	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	-1%	-6%	-9%	0%	0%	64%	4%	4%	614%	-7%	-5%	-7%
1954	Above Normal	-4%	-5%	-4%	56%	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%	0%	0%	0%	0%	-2%	0%	0%	-5%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	36%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	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%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1966	Below Normal	0%	0%	0%	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%	-8%	-8%	-3%	0%	0%	0%	0%	0%	0%
1969	Wet	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	10%	-1%	-1%	-1%	-1%	-1%
1971	Wet	-1%	-1%	-1%	0%	0%	2%	1%	0%	0%	0%	-1%	0%
1972	Below Normal	0%	1%	1%	6%	0%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	2%	0%	-1%	1%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	-1%	0%
1977	Critical	0%	0%	-4%	0%	0%	0%	0%	-7%	0%	0%	0%	0%
1978	Above Normal	0%	6%	1%	0%	0%	-7%	-4%	0%	0%	0%	0%	0%
1979	Below Normal	-3%	-4%	-6%	-21%	-18%	0%	-1%	-1%	0%	0%	0%	0%
1980	Above Normal	-4%	-5%	-4%	38%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	10%	-1%	42%	58%	64%	10%	10%	>1,000%	0%	0%	0%
1982	Wet	-3%	-3%	-2%	6%	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%	-21%	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%	42%	0%	0%	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%	-1%	-2%
1993	Above Normal	8%	0%	-7%	0%	0%	0%	0%	0%	17%	0%	0%	0%
1994	Critical	0%	0%	0%	1%	1%	0%	0%	0%	7%	0%	31%	-1%
1995	Wet	-10%	227%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	-59%	-98%	74%	4%	-2%	-1%	0%	0%	0%	0%	0%	0%
1997	Wet	-1%	0%	-1%	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	-1%	-1%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	-4%	-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	20%	-1%	35%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	2%	5%	1%	1%	2%	0%	0%	7%	0%	2%	0%
	Wet	-3%	5%	2%	0%	0%	2%	1%	0%	24%	0%	0%	0%
	Above Normal	4%	4%	3%	8%	3%	0%	0%	0%	2%	0%	0%	0%
	Below Normal	-1%	3%	22%	-3%	-3%	0%	0%	2%	0%	0%	0%	0%
	Dry	0%	-1%	0%	2%	3%	3%	0%	0%	-4%	0%	1%	-1%
	Critical	0%	0%	0%	0%	1%	1%	0%	-1%	1%	0%	13%	1%

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: Alternative5_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	53.98	56.25	55.51	52.63	686.70
1923	Below Normal	42.60	39.83	36.04	60.46	72.66	62.06	59.86	59.36	55.89	64.88	60.49	51.19	665.32
1924	Critical	37.72	34.61	24.07	16.13	15.26	22.01	29.80	28.37	26.16	30.99	23.27	16.92	305.31
1925	Dry	0.69	0.14	0.10	2.30	10.37	48.49	53.67	68.40	65.65	78.08	71.67	58.72	458.28
1926	Dry	43.38	39.75	25.69	10.31	12.02	28.76	37.83	56.74	53.72	63.91	58.63	48.02	478.76
1927	Wet	33.66	30.59	18.56	7.90	30.96	68.06	63.56	62.21	57.16	58.34	58.22	56.30	545.52
1928	Above Normal	46.84	44.00	41.37	33.95	42.35	40.09	71.83	70.13	64.97	66.24	66.20	64.02	651.99
1929	Critical	54.69	51.57	49.09	32.52	29.46	24.46	28.16	30.80	28.77	34.21	25.65	2.30	391.68
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	14.37	11.23	3.90	9.96	11.46	21.89	35.07	33.57	31.87	38.13	28.39	20.54	260.38
1932	Dry	2.87	0.17	0.10	8.10	12.45	80.29	38.15	51.84	48.76	57.87	52.51	42.74	395.85
1933	Critical	28.24	25.34	14.54	10.03	83.52	21.71	26.79	45.47	43.16	51.23	42.58	33.00	425.61
1934	Critical	16.07	12.97	5.22	10.24	12.20	39.37	29.71	43.10	41.06	48.59	39.23	1.40	299.16
1935	Below Normal	26.94	23.35	13.58	10.35	14.07	29.01	69.72	68.96	65.07	71.66	68.69	61.43	522.83
1936	Below Normal	49.43	46.10	38.20	23.05	27.09	92.25	54.03	68.23	63.12	64.46	64.32	62.18	652.46
1937	Below Normal	52.80	49.73	47.19	34.57	82.21	92.30	68.37	81.77	76.51	78.08	77.95	75.42	816.90
1938	Wet	66.20	62.61	60.26	40.39	84.50	92.99	87.56	85.05	79.87	81.49	81.35	78.77	901.04
1939	Dry	69.61	65.85	63.51	47.86	45.78	39.85	59.56	58.99	1.56	79.57	64.65	70.16	666.95
1940	Above Normal	34.75	23.12	60.71	9.88	10.55	35.09	67.03	68.82	66.16	83.16	77.49	63.42	600.18
1941	Wet	47.72	43.78	28.80	16.75	52.90	66.30	69.58	68.10	62.96	64.28	64.14	62.08	647.39
1942	Wet	52.68	49.59	47.03	64.08	81.93	78.77	59.37	58.20	54.32	60.83	57.77	50.94	715.51
1943	Wet	38.83	35.89	27.93	44.21	65.16	66.48	76.23	74.79	69.55	70.94	70.88	68.63	709.52
1944	Dry	59.30	0.14	93.79	25.76	23.16	26.88	47.97	47.23	44.77	52.98	44.76	35.01	501.75
1945	Below Normal	18.29	15.17	6.90	16.28	13.77	81.47	53.84	66.49	61.41	62.75	62.55	60.48	519.40
1946	Below Normal	51.08	48.07	45.51	65.15	76.99	85.81	57.55	55.37	50.73	53.51	52.52	49.20	691.49
1947	Dry	38.87	36.21	31.85	28.61	36.70	34.34	71.75	69.97	64.83	65.96	65.98	63.86	608.93
1948	Below Normal	54.52	51.40	48.91	32.68	29.24	24.04	34.84	54.24	1.53	86.87	79.70	65.25	563.22
1949	Dry	49.45	45.31	29.95	15.73	13.52	25.60	70.56	70.51	67.48	78.48	72.90	70.13	609.62
1950	Below Normal	55.29	52.62	0.10	12.00	10.84	22.17	62.24	61.92	1.50	83.95	77.00	63.04	502.67
1951	Above Normal	47.34	43.42	28.53	71.28	75.84	92.27	46.35	61.11	56.10	57.16	57.12	55.24	691.76
1952	Wet	45.76	42.95	40.29	63.28	79.50	93.01	71.90	66.58	61.40	62.74	62.65	60.60	750.66
1953	Wet	51.17	48.14	45.56	69.64	84.51	71.83	59.74	60.05	56.75	66.80	61.70	51.48	727.37
1954	Above Normal	37.44	34.24	22.66	14.93	48.01	40.05	64.46	65.57	62.67	74.65	68.49	56.18	589.35
1955	Dry	41.06	37.54	23.97	9.03	12.47	33.28	60.69	60.52	57.47	68.25	62.87	51.48	518.63
1956	Wet	36.80	33.57	20.88	32.57	86.54	92.28	55.73	68.65	63.59	64.79	64.70	62.63	682.73
1957	Above Normal	53.22	50.10	47.53	43.44	43.15	53.53	66.79	68.01	65.29	83.17	76.94	63.01	714.18
1958	Wet	47.35	43.42	28.51	3.48	58.95	67.57	85.75	84.76	79.50	81.01	81.05	78.39	739.74
1959	Below Normal	69.17	46.66	93.75	34.65	34.24	40.52	58.34	57.64	1.58	77.71	71.25	58.37	643.88
1960	Dry	43.07	39.44	25.44	9.91	9.43	24.45	71.39	71.52	68.55	84.30	78.29	72.17	597.96
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	23.13	10.34	9.67	32.70	63.43	64.04	1.54	86.96	79.85	65.41	515.02
1963	Wet	49.47	45.45	30.12	35.09	52.86	58.06	58.20	56.52	52.07	55.76	54.31	50.05	597.96
1964	Dry	39.24	36.50	31.14	28.67	77.65	61.17	61.83	60.26	55.80	59.57	58.06	53.75	623.64
1965	Wet	43.03	40.14	34.93	42.24	71.94	69.73	59.73	58.22	53.88	62.34	60.30	54.94	651.42
1966	Below Normal	43.80	40.81	34.60	52.88	66.44	56.81	60.15	59.32	55.88	64.36	60.29	51.29	646.63
1967	Wet	38.01	34.92	24.74	11.60	70.86	74.71	84.79	84.07	78.82	80.48	80.39	77.72	741.11
1968	Below Normal	68.48	64.76	71.80	31.97	39.53	42.53	59.83	59.34	1.61	80.19	73.49	60.22	653.75
1969	Wet	44.76	41.01	26.66	32.35	83.52	92.28	67.92	81.20	76.00	77.57	77.47	74.91	775.65
1970	Wet	65.64	62.03	59.62	72.55	77.09	92.90	73.67	59.29	54.34	55.55	55.35	53.46	781.49
1971	Wet	43.96	41.22	38.55	62.77	79.35	69.98	59.98	59.18	55.59	63.56	59.71	51.42	685.27
1972	Below Normal	38.55	35.52	26.12	21.53	56.76	57.05	62.73	62.29	59.16	69.15	64.12	53.70	606.68
1973	Above Normal	39.67	36.38	24.79	8.31	70.10	71.35	49.60	63.93	58.99	60.10	60.01	58.01	601.24
1974	Wet	48.55	45.62	43.00	65.93	75.94	92.89	83.96	64.75	59.79	60.97	60.86	58.81	761.07
1975	Wet	49.36	46.40	43.78	52.92	49.84	77.07	64.96	63.14	58.15	59.26	59.19	57.21	681.28
1976	Critical	47.78	44.91	42.31	36.17	37.77	41.95	66.13	66.29	63.49	78.40	71.86	65.35	662.41
1977	Critical	49.56	45.44	30.04	10.11	9.65	16.75	23.61	6.15	1.66	1.83	1.75	1.40	197.95
1978	Above Normal	0.18	37.65	56.45	9.87	12.50	57.78	66.54	65.51	61.60	68.06	65.09	58.13	559.36
1979	Below Normal	46.19	43.01	35.29	28.13	26.23	72.35	64.30	62.64	57.66	58.76	58.66	56.71	609.93
1980	Above Normal	47.27	44.41	41.80	49.72	86.52	92.30	56.85	71.90	66.73	68.15	68.04	65.81	759.50
1981	Dry	56.43	53.18	50.65	42.95	58.84	55.00	66.22	67.48	64.71	78.92	72.70	60.03	727.11
1982	Wet	44.99	41.32	27.70	32.28	56.20	67.56	83.92	82.74	77.57	79.15	79.00	76.42	748.85
1983	Wet	67.17	63.51	61.14	79.66	84.50	92.29	79.56	74.17	66.87	75.84	75.97	73.51	894.19
1984	Wet	73.53	69.69	92.30	70.43	78.86	92.28	45.63	60.89	55.81	57.05	56.93	55.03	808.43
1985	Dry	45.55	42.74	71.18	32.27	61.08	54.72	60.44	60.05	55.10	56.17	56.02	54.20	649.52
1986	Wet	44.71	41.95	39.28	32.81	33.14	92.70	81.54	84.71	79.47	80.94	81.03	78.51	770.79
1987	Dry	69.50	25.02	93.86	27.72	24.89	21.74	28.90	26.66	24.26	28.51	21.59	15.71	408.36
1988	Critical	0.18	0.14	0.10	1.09	12.72	17.09	24.04	22.34	19.43	23.19	17.44	12.72	150.48
1989	Dry	0.18	0.14	0.10	0.10	12.96	20.72	70.61	69.47	65.37	71.51	68.75	64.31	444.22
1990	Critical	52.61	49.20	41.75	23.59	22.23	23.90	32.02	30.18	28.14	33.47	25.01	18.17	380.27
1991	Critical	1.45	0.14	0.10	3.29	9.69	16.75	24.53	22.04	19.10	22.73	17.09	12.50	149.41
1992	Critical	0.18	0.14	0.10	0.10	5.51	16.95	29.52	27.37	25.03	29.62	22.33	16.47	173.32
1993	Above Normal	0.43	0.14	0.10	7.94	53.06	60.38	61.89	60.90	37.20	71.30	67.76	59.67	480.77
1994	Critical	47.26	43.90	35.03	23.91	24.26	39.85	66.15	66.21	63.38	80.36	13.73	79.24	583.28
1995	Wet	0.18	65.58	65.00	10.22	40.38	43.87	79.22	77.97	72.72	74.08	75.93	73.46	678.61
1996	Wet	64.24	0.14	0.10	26.08	28.69	59.81	62.00	59.86	54.82	55.96	55.89	54.00	521.59
1997	Wet	44.53	41.79	39.15	61.13	83.83	92.84	70.14	69.57	64.44	65.64	65.64	63.53	762.23
1998	Wet	54.14	50.99	48.44	43.26	81.65	88.67	68.66	64.16	58.99	60.24	60.26	58.23	737.69
1999	Wet	48.77	64.62	55.02	64.57	83.51	81.75	45.88	60.73	55.59	56.78	56.80	54.88	728.90
2000	Above Normal	45.39	42.59	39.94	40.00	65.85	58.35	64.45	63.63	59.65	66.51	63.45	56.19	666.00
2001	Dry	44.00	40.86	32.71	21.08	20.15	25.45	40.51	39.82	38.25	45.43	34.78	25.56	408.60
2002	Dry	6.99	3.90	0.10	4.04	12.51	32.45	68.71	67.06	61.80	63.12	63.14	68.02	451.84
2003	Above Normal	31.29	45.93	46.39	5.81	14.59	33.58	59.21	58.92	1.40	79.41	73.00	59.75	509.28
	Average	41.10	38.41	35.30	29.19	44.32	54.67	58.47	60.02	51.18	63.33	59.10	53.69	588.78
	Wet	47.89	45.65	40.28	43.78	67.58	78.33	69.20	68.83	63.85	66.63	66.06	62.92	721.00
	Above Normal	40.05	39.96	38.57	25.42	47.73	58.06	61.30	64.76	54.56	69.51	66.59	59.34	625.86
	Below Normal	44.09	45.34	37.22	31.00	39.98	56.51	59.23	62.97	39.51	71.66	67.92	59.56	615.01
	Dry	37.61	29.38	34.29	18.83	26.16	36.44	56.37	58.39	52.09	63.93	58.37	52.28	524.14
	Critical	29.18	26.63	20.52	14.76	22.81	25.22	34.63	35.16	32.60	39.40	27.36	23.33	331.61

Difference in Energy generated (GWh) at Castaic: Alternative5_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	0.01	0.00	0.00
1923	Below Normal	0.00	0.00	(0.01)	(0.01)	(0.07)	(0.35)	0.04	0.07	0.07	0.14	0.10	0.03	0.00
1924	Critical	0.00	(0.01)	(0.08)	(0.14)	(0.12)	(0.04)	0.01	0.01	0.01	0.01	0.01	0.01	(0.03)
1925	Dry	0.00	0.00	0.00	0.00	0.00	(0.52)	0.04	0.04	0.04	0.05	0.05	0.03	(0.02)
1926	Dry	0.03	0.03	0.02	0.00	(0.01)	(0.02)	(0.04)	(0.03)	(0.04)	(0.04)	(0.03)	(0.03)	(0.01)
1927	Wet	(0.03)	(0.03)	(0.02)	0.00	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1928	Above Normal	0.00	0.00	0.00	0.00	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.01	0.01	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.01)	(1.68)	(0.14)
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	0.00	(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	0.00	0.00	0.00	(0.01)	0.01	2.44	(0.01)	0.00	(0.01)	0.00	(0.01)	(0.01)	0.20
1933	Critical	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	1.36	16.56	(9.69)	4.75	4.01	4.52	6.19	0.00	2.31
1935	Below Normal	5.06	7.19	5.35	(0.02)	0.02	(0.35)	0.36	0.62	0.92	2.36	1.57	0.19	1.94
1936	Below Normal	(0.53)	(0.62)	(2.06)	(2.30)	(2.73)	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.69)
1937	Below Normal	0.00	0.00	0.00	0.00	(1.30)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.11)
1938	Wet	0.00	0.00	0.00	(0.46)	0.00	0.00	1.58	0.48	0.47	0.56	0.56	0.56	0.31
1939	Dry	0.64	0.62	0.64	1.94	(4.72)	(8.15)	(9.36)	(10.10)	(22.23)	(11.01)	7.53	(16.48)	(5.89)
1940	Above Normal	5.39	(1.68)	(33.07)	0.00	0.03	0.00	0.02	0.02	0.02	0.00	0.03	0.01	(2.44)
1941	Wet	0.01	0.02	0.02	(0.02)	0.00	(0.31)	(0.29)	(0.30)	(0.30)	(0.31)	(0.31)	(0.30)	(0.17)
1942	Wet	(0.30)	(0.29)	(0.29)	(0.10)	(0.15)	(0.42)	0.02	0.02	0.03	0.04	0.03	0.02	(0.12)
1943	Wet	0.01	0.00	(0.01)	(0.05)	(0.51)	(0.48)	(0.34)	(0.36)	(0.35)	(0.36)	(0.36)	(0.35)	(0.26)
1944	Dry	(0.36)	0.00	0.00	(1.69)	(1.50)	(0.48)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	(0.34)
1945	Below Normal	0.00	0.00	0.00	0.02	0.01	(10.88)	0.09	0.09	0.09	0.09	0.09	0.08	(0.86)
1946	Below Normal	0.09	0.08	0.09	(0.03)	(7.52)	(0.16)	0.08	0.16	0.25	0.64	0.42	0.06	(0.49)
1947	Dry	(0.12)	(0.15)	(0.52)	(1.04)	1.64	(2.60)	0.18	0.19	0.19	0.18	0.19	0.18	(0.14)
1948	Below Normal	0.18	0.18	0.18	0.07	(0.30)	(0.11)	0.01	(2.18)	0.00	0.08	0.01	(0.03)	(0.16)
1949	Dry	0.02	0.07	0.04	(0.06)	(0.03)	(0.06)	0.03	0.08	0.13	0.35	0.22	(0.25)	0.05
1950	Below Normal	(0.39)	(0.48)	(67.41)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(5.69)
1951	Above Normal	0.00	0.00	0.00	(21.20)	(7.66)	0.00	0.05	0.05	0.04	0.04	0.04	0.04	(2.38)
1952	Wet	0.05	0.05	0.04	0.00	(8.02)	0.00	(0.33)	(11.01)	(10.92)	(11.10)	(11.09)	(10.76)	(5.26)
1953	Wet	(10.89)	(10.47)	(10.61)	0.42	24.34	22.53	1.83	1.10	15.01	(8.26)	(7.12)	(4.98)	1.08
1954	Above Normal	(3.93)	(3.41)	(1.35)	1.59	13.68	2.78	(0.32)	(0.10)	(0.11)	(1.21)	(1.91)	(1.55)	0.35
1955	Dry	(1.43)	(1.34)	(1.03)	(0.94)	0.24	0.64	1.26	1.36	1.40	1.67	1.52	1.25	0.38
1956	Wet	1.13	1.07	0.84	(18.93)	0.04	0.00	0.18	0.16	0.17	0.16	0.16	0.15	(1.24)
1957	Above Normal	0.16	0.15	0.16	0.01	(0.11)	(0.77)	0.00	(0.02)	(0.03)	0.32	0.33	0.27	0.04
1958	Wet	0.25	0.23	0.18	(0.01)	(0.04)	(0.04)	(0.04)	(0.04)	(0.03)	(0.03)	(0.03)	(0.04)	0.03
1959	Below Normal	(0.04)	(5.97)	0.00	0.04	0.02	0.02	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.49)
1960	Dry	0.00	0.00	0.00	0.00	0.00	(0.10)	0.00	0.01	0.01	(0.02)	(0.01)	(0.08)	(0.02)
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)	(64.41)	0.00	0.00	0.01	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(5.46)
1963	Wet	(0.01)	0.00	0.00	0.00	0.00	0.01	(0.01)	0.00	0.00	0.00	0.00	(0.01)	0.00
1964	Dry	0.00	0.00	0.01	0.06	0.00	0.03	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.01)	0.00
1965	Wet	(0.01)	(0.01)	0.00	0.02	0.01	0.00	0.01	0.01	0.01	0.05	0.05	0.03	0.01
1966	Below Normal	0.02	0.01	(0.01)	(0.03)	(0.03)	0.00	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.00	(0.01)
1967	Wet	0.00	0.00	0.00	0.02	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.01	9.42	(3.47)	(3.97)	(1.04)	0.23	0.25	0.00	0.37	0.34	0.28	0.20
1969	Wet	0.25	0.23	0.18	(0.12)	(0.02)	0.00	(4.57)	4.90	0.08	0.08	0.08	0.07	0.10
1970	Wet	0.08	0.07	0.07	(2.26)	(7.40)	0.00	12.85	(0.74)	(0.73)	(0.74)	(0.75)	(0.72)	(0.02)
1971	Wet	(0.73)	(0.70)	(0.71)	(0.23)	(0.19)	0.91	(0.25)	(0.35)	(0.44)	(0.85)	(0.62)	(0.21)	(0.36)
1972	Below Normal	0.01	0.05	0.47	1.46	0.32	0.45	0.04	0.01	0.01	(0.08)	(0.03)	0.05	0.23
1973	Above Normal	0.10	0.11	0.20	0.31	0.00	0.01	0.00	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	0.05
1974	Wet	(0.03)	(0.03)	(0.03)	(0.01)	(8.56)	0.00	(1.71)	(0.17)	(0.17)	(0.17)	(0.18)	(0.17)	(0.94)
1975	Wet	(0.17)	(0.16)	(0.17)	0.29	0.13	(0.09)	(0.04)	(0.05)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)
1976	Critical	(0.04)	(0.04)	(0.04)	(0.02)	0.03	0.06	0.10	0.11	0.12	0.09	0.08	0.27	0.06
1977	Critical	0.25	0.23	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05
1978	Above Normal	0.00	(1.53)	(0.88)	0.00	0.00	(3.55)	0.75	1.40	1.94	4.53	3.12	0.66	0.54
1979	Below Normal	(0.61)	(0.77)	(3.31)	(4.40)	(4.57)	(4.55)	(2.45)	(2.59)	(2.57)	(2.61)	(2.61)	(2.53)	(2.80)
1980	Above Normal	(2.56)	(2.46)	(2.49)	(24.83)	0.05	0.00	(13.49)	(11.85)	(11.75)	(11.95)	(11.95)	(11.60)	(8.74)
1981	Dry	(11.73)	(11.27)	(25.20)	7.39	23.03	16.37	5.34	5.35	63.04	(5.38)	(4.65)	(3.28)	4.92
1982	Wet	(2.57)	(2.33)	(1.02)	1.90	1.65	(0.04)	(0.02)	(0.03)	(0.02)	(0.03)	(0.02)	(0.02)	(0.21)
1983	Wet	(0.02)	(0.02)	(0.02)	0.00	8.82	0.00	8.53	(0.78)	(7.70)	0.00	0.00	0.00	0.73
1984	Wet	0.00	0.00	0.00	0.00	(7.63)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.64)
1985	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
1986	Wet	0.00	0.00	0.00	0.00	(22.55)	0.46	10.49	0.19	0.18	0.22	0.24	0.27	(0.87)
1987	Dry	0.34	(24.12)	0.00	(0.02)	(0.02)	0.00	(0.01)	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	(1.99)
1988	Critical	0.00	0.00	0.00	(0.01)	0.01	0.00	0.00	0.20	0.22	0.26	0.20	0.14	0.09
1989	Dry	0.00	0.00	0.00	0.00	0.06	(0.08)	0.08	0.13	0.18	0.44	0.30	1.23	0.20
1990	Critical	1.09	1.03	0.70	(0.43)	(0.29)	(0.02)	0.18	0.20	0.23	0.26	0.19	0.14	0.27
1991	Critical	0.09	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	(0.36)	(0.41)	(0.45)	(0.53)	(0.40)	(0.31)	(0.21)
1993	Above Normal	(0.19)	(0.06)	0.00	(1.27)	0.08	0.16	(0.05)	(0.07)	(0.49)	(0.85)	(0.82)	(0.71)	(0.36)
1994	Critical	(0.46)	(0.30)	(0.05)	0.31	0.24	0.06	(0.07)	(0.08)	(0.08)	(0.45)	(5.19)	0.27	(0.48)
1995	Wet	0.00	(23.65)	(28.88)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	1.80	1.74	(4.08)
1996	Wet	1.80	(58.83)	(90.05)	1.08	(0.53)	(0.35)	(0.24)	(0.25)	(0.25)	(0.25)	(0.25)	(0.24)	(12.36)
1997	Wet	(0.25)	(0.23)	(0.24)	(0.06)	(0.07)	0.00	0.00	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.08)
1998	Wet	(0.01)	(0.02)	(0.02)	(0.02)	(0.01)	(1.70)	0.74	(0.35)	(0.35)	(0.36)	(0.36)	(0.34)	(0.23)
1999	Wet	(0.35)	(0.33)	(4.29)	(0.12)	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	0.00	(0.43)
2000	Above Normal	0.00	0.00	0.00	0.00	(0.06)	(0.57)	0.11	0.18	0.24	0.51	0.36	0.09	0.07
2001	Dry	(0.05)	(0.07)	(0.35)	(0.53)	(0.43)	(0.15)	0.08	0.07	0.06	0.07	0.10	0.09	(0.09)
2002	Dry	0.12	0.12	0.00	0.10	(0.01)	(0.01)	(0.08)	(0.08)	(0.08)	(0.08)	(0.08)	0.63	0.05
2003	Above Normal	2.94	0.05	(47.54)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(3.71)
	Average	(0.22)	(1.72)	(4.48)	(0.83)	(0.19)	0.31	0.02	(0.24)	0.36	(0.47)	(0.28)	(0.58)	(0.69)
	Wet	(0.45)	(3.67)	(5.19)	(0.72)	(0.80)	0.79	1.09	(0.29)	(0.21)	(0.82)	(0.70)	(0.59)	(0.96)
	Above Normal	0.16	(0.74)	(7.08)	(3.78)	0.50	(0.16)	(1.08)	(0.87)	(0.85)	(0.72)	(0.90)	(1.07)	(1.38)
	Below Normal	0.27	(0.10)	(8.69)	(0.62)	(1.44)	(1.21)	(0.12)	(0.26)	(0.09)	0.07	(0.01)	(0.13)	(1.03)
	Dry	(0.70)	(2.02)	(1.48)	0.29	1.02	0.41	(0.14)	(0.17)	2.37	(0.77)	0.28	(0.93)	(0.15)
	Critical	0.08	0.07	0.06	(0.01)	0.10	1.38	(0.82)	0.40	0.34	0.34	0.09	(0.10)	0.16

Percent Difference in Energy generated (GWh) at Castaic: Alternative5_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%	-1%	-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%	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%	-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%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	13%	73%	-25%	12%	11%	10%	19%	0%
1935	Below Normal	23%	44%	65%	0%	0%	-1%	1%	1%	1%	3%	2%	0%
1936	Below Normal	-1%	-1%	-5%	-9%	-9%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-1%	0%	0%	2%	1%	1%	1%	1%	1%
1939	Dry	1%	1%	1%	4%	-9%	-17%	-14%	-15%	-93%	-12%	13%	-19%
1940	Above Normal	18%	-7%	-35%	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	-1%	-1%	-1%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	-1%	-1%	0%	0%	-1%	-1%	-1%	-1%
1944	Dry	-1%	0%	0%	-6%	-6%	-2%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	-12%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	-9%	0%	0%	0%	0%	1%	1%	0%
1947	Dry	0%	0%	-2%	-4%	5%	-7%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	-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	-1%	-1%	-100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	-23%	-9%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	-9%	0%	0%	-14%	-15%	-15%	-15%	-15%
1953	Wet	-18%	-18%	-19%	1%	40%	46%	3%	2%	36%	-11%	-10%	-9%
1954	Above Normal	-9%	-9%	-6%	12%	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%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1958	Wet	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	-11%	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%	-1%	-74%	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%	15%	-10%	-9%	-2%	0%	0%	0%	0%	0%	0%
1969	Wet	1%	1%	1%	0%	0%	0%	-6%	6%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	-3%	-9%	0%	21%	-1%	-1%	-1%	-1%	-1%
1971	Wet	-2%	-2%	-2%	0%	0%	1%	0%	-1%	-1%	-1%	-1%	0%
1972	Below Normal	0%	0%	2%	7%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	1%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	-10%	0%	-2%	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%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	-4%	-2%	0%	0%	-6%	1%	2%	3%	7%	5%	1%
1979	Below Normal	-1%	-2%	-9%	-14%	-15%	-6%	-4%	-4%	-4%	-4%	-4%	-4%
1980	Above Normal	-5%	-5%	-6%	-33%	0%	0%	-19%	-14%	-15%	-15%	-15%	-15%
1981	Dry	-17%	-17%	-33%	21%	64%	42%	9%	9%	>1,000%	-6%	-6%	-5%
1982	Wet	-5%	-5%	-4%	6%	3%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	12%	0%	12%	-1%	-10%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	-9%	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%	-40%	0%	15%	0%	0%	0%	0%	0%
1987	Dry	0%	-49%	0%	0%	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%	0%	0%	0%	0%	0%	1%	0%	2%
1990	Critical	2%	2%	2%	-2%	-1%	0%	1%	1%	1%	1%	1%	1%
1991	Critical	7%	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	-31%	-30%	0%	-14%	0%	0%	0%	0%	-1%	-1%	-1%	-1%
1994	Critical	-1%	-1%	0%	1%	1%	0%	0%	0%	0%	-1%	-27%	0%
1995	Wet	0%	-27%	-31%	0%	0%	0%	0%	0%	0%	0%	2%	2%
1996	Wet	3%	-100%	-100%	4%	-2%	-1%	0%	0%	0%	0%	0%	0%
1997	Wet	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	-2%	1%	-1%	-1%	-1%	-1%	-1%
1999	Wet	-1%	-1%	-7%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	1%	1%	0%
2001	Dry	0%	0%	-1%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%
2002	Dry	2%	3%	0%	3%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	10%	0%	-51%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	-3%	-5%	-1%	0%	1%	0%	0%	-1%	-1%	0%	-1%
	Wet	-1%	-6%	-6%	-1%	-1%	2%	2%	0%	0%	-1%	-1%	-1%
	Above Normal	-1%	-5%	-8%	-5%	3%	0%	-2%	-1%	-1%	-1%	-1%	-1%
	Below Normal	1%	2%	-7%	-2%	-3%	-2%	0%	0%	0%	0%	0%	0%
	Dry	-1%	-4%	-2%	0%	3%	1%	0%	0%	-5%	-1%	1%	-1%
	Critical	1%	0%	0%	0%	1%	6%	-2%	1%	1%	1%	-1%	-3%

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: Alternative5_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	84.47	90.50	89.27	91.04	92.25	89.76	1,086.17
1923	Below Normal	86.43	81.64	80.79	122.76	114.03	90.18	63.87	84.84	83.93	81.75	91.27	88.29	1,069.78
1924	Critical	74.30	68.50	58.68	19.81	25.55	26.56	40.35	58.44	59.89	51.59	51.65	50.19	585.51
1925	Dry	32.36	26.10	21.15	5.85	12.61	35.41	74.50	97.13	96.39	92.00	106.70	103.15	703.35
1926	Dry	83.56	77.13	62.45	5.85	16.41	33.79	56.76	79.29	78.84	75.18	87.39	84.36	741.01
1927	Wet	68.49	63.04	51.02	11.77	55.29	102.38	92.16	97.66	96.28	98.92	98.84	96.21	932.06
1928	Above Normal	94.75	89.77	90.55	61.96	77.53	50.18	106.15	111.15	109.39	112.38	112.32	109.38	1,125.51
1929	Critical	107.80	102.37	103.37	66.09	64.71	35.41	37.22	64.87	66.23	57.13	57.46	1.27	763.93
1930	Dry	34.04	49.59	46.54	5.66	15.64	23.10	60.09	82.31	83.67	75.10	80.41	78.16	634.31
1931	Critical	55.65	48.09	39.34	5.59	15.18	25.48	51.17	72.01	73.50	63.37	63.66	61.84	574.88
1932	Dry	40.07	32.50	26.35	7.78	23.16	34.93	56.14	74.12	73.97	70.12	80.09	77.50	596.73
1933	Critical	61.50	56.21	45.59	5.64	62.25	30.39	58.49	80.46	81.50	73.93	79.90	77.59	713.45
1934	Critical	56.24	48.89	39.99	5.80	16.87	30.65	59.35	81.67	82.82	73.98	67.82	1.28	565.36
1935	Below Normal	76.70	73.17	58.96	5.89	21.32	34.08	91.09	104.78	103.68	103.02	109.54	106.29	888.52
1936	Below Normal	95.79	89.79	83.38	39.73	49.00	134.06	101.23	108.73	107.11	110.03	109.97	107.08	1,135.90
1937	Below Normal	105.39	99.97	100.89	69.11	115.31	107.73	125.96	131.98	129.93	133.44	133.37	129.94	1,383.02
1938	Wet	128.05	121.63	122.84	74.15	98.02	133.19	133.47	137.31	134.06	138.92	138.66	134.83	1,495.13
1939	Dry	133.48	126.77	127.95	89.67	89.12	56.48	63.04	82.29	1.49	93.36	1.75	83.49	948.89
1940	Above Normal	0.87	0.51	125.84	5.53	13.06	43.52	72.96	97.80	48.67	87.58	113.60	110.02	719.96
1941	Wet	88.66	81.71	66.19	41.50	86.08	98.82	102.53	107.71	105.98	109.01	108.89	106.02	1,103.10
1942	Wet	104.46	99.13	99.99	120.16	105.76	121.48	72.53	85.59	84.72	83.92	90.20	87.33	1,155.27
1943	Wet	77.46	72.07	65.61	94.86	109.56	99.38	114.09	119.39	117.33	120.73	120.63	117.61	1,228.72
1944	Dry	115.91	0.54	127.46	47.90	47.07	38.97	59.85	81.53	82.08	75.03	81.96	79.65	837.95
1945	Below Normal	58.55	51.46	42.06	10.99	21.49	129.92	100.76	105.49	104.04	106.86	106.77	104.02	942.41
1946	Below Normal	102.34	96.97	97.84	120.57	110.97	135.60	74.65	83.89	82.69	84.12	85.97	83.49	1,159.10
1947	Dry	79.44	74.87	73.20	53.98	60.23	46.10	105.95	110.87	109.13	112.04	111.95	109.11	1,046.87
1948	Below Normal	107.53	102.06	103.05	63.92	61.82	33.89	50.90	1.11	1.41	103.54	117.53	113.99	860.75
1949	Dry	91.11	84.40	68.61	9.93	20.01	31.04	82.18	102.64	101.81	98.44	17.51	125.24	832.92
1950	Below Normal	97.23	12.43	95.78	10.17	14.04	26.47	66.88	87.19	1.35	98.77	111.85	108.44	730.60
1951	Above Normal	86.59	80.06	65.04	131.84	121.66	139.53	86.93	95.23	93.86	96.39	96.32	93.80	1,187.25
1952	Wet	92.40	87.61	88.32	120.82	112.76	134.58	105.05	104.86	102.96	106.07	106.00	103.25	1,264.68
1953	Wet	101.84	96.51	97.32	118.65	103.42	108.44	62.88	84.66	83.93	81.16	91.85	88.88	1,119.54
1954	Above Normal	73.30	67.39	56.23	18.03	80.19	52.58	69.23	92.33	91.48	87.56	101.11	97.79	887.22
1955	Dry	79.06	72.76	58.87	11.71	26.74	40.13	64.32	84.43	83.79	80.15	92.36	89.34	783.66
1956	Wet	72.07	66.29	53.67	73.49	112.64	138.57	103.33	108.35	106.75	109.63	109.52	106.73	1,161.04
1957	Above Normal	105.13	99.77	100.60	79.56	78.25	75.32	72.34	96.15	26.88	93.77	114.29	110.73	1,052.79
1958	Wet	88.61	81.94	66.47	13.40	97.23	101.43	130.77	136.93	134.71	138.36	138.36	134.81	1,263.02
1959	Below Normal	132.96	0.47	130.14	57.58	61.70	51.47	61.38	79.98	1.54	90.87	102.55	99.43	870.07
1960	Dry	79.27	72.98	59.24	5.55	10.58	30.53	83.95	104.63	51.43	105.80	64.28	123.59	791.83
1961	Dry	102.94	95.45	81.71	17.72	25.28	26.38	64.27	83.76	83.48	79.59	53.97	17.16	731.71
1962	Below Normal	0.91	43.53	125.11	5.88	11.20	39.91	68.38	90.25	1.44	102.30	116.09	112.58	717.58
1963	Wet	89.95	83.10	67.46	79.72	85.67	84.12	73.21	85.11	83.93	84.77	87.83	85.29	990.16
1964	Dry	79.62	74.72	71.69	58.05	117.26	88.62	83.22	91.50	90.34	91.32	94.20	91.45	1,031.99
1965	Wet	85.99	80.77	78.01	87.97	113.98	104.73	78.04	87.55	22.35	94.28	98.20	95.26	1,027.13
1966	Below Normal	87.52	82.00	77.70	113.43	112.38	82.11	66.19	85.28	84.52	82.28	91.41	88.34	1,053.16
1967	Wet	74.99	69.23	59.88	26.69	116.92	113.89	129.10	135.54	133.38	137.04	137.04	133.57	1,267.27
1968	Below Normal	131.60	100.24	130.28	58.20	72.01	54.54	62.99	82.44	1.63	93.60	105.28	102.22	995.03
1969	Wet	81.23	74.83	60.74	72.97	108.72	138.42	124.68	130.46	128.35	131.82	131.79	128.47	1,312.48
1970	Wet	126.54	120.20	121.26	116.01	106.78	133.98	108.21	92.19	90.92	93.32	93.26	90.74	1,293.41
1971	Wet	89.43	84.73	85.41	121.17	109.80	103.76	66.86	85.73	84.99	83.29	91.40	88.40	1,094.97
1972	Below Normal	76.14	70.54	62.19	48.28	94.69	82.23	70.40	89.00	88.40	85.28	96.19	93.00	956.34
1973	Above Normal	77.26	71.32	60.10	22.47	99.72	100.92	92.76	100.50	99.17	101.62	101.56	98.87	1,026.27
1974	Wet	97.39	92.27	93.05	120.20	109.23	134.84	126.07	101.51	100.16	102.69	102.65	100.03	1,280.09
1975	Wet	98.58	93.38	94.14	106.95	89.09	119.64	94.44	99.14	97.81	100.31	100.25	97.69	1,191.42
1976	Critical	96.13	91.14	91.95	63.92	70.80	53.99	71.42	93.60	63.02	91.79	41.33	115.23	944.32
1977	Critical	91.60	84.37	45.76	5.71	10.89	14.93	27.56	1.12	1.78	1.82	1.78	1.33	288.65
1978	Above Normal	1.02	14.31	53.62	5.53	26.70	84.23	83.01	99.20	98.05	97.48	103.81	100.66	767.62
1979	Below Normal	90.91	84.86	78.65	43.31	49.80	110.57	93.77	98.92	97.62	100.08	100.00	97.47	1,045.96
1980	Above Normal	95.86	90.76	91.57	102.09	112.18	138.23	105.32	114.04	112.22	115.44	115.38	112.40	1,305.49
1981	Dry	110.87	105.08	105.97	76.22	104.65	78.21	71.44	96.03	68.72	94.23	107.33	103.96	1,122.71
1982	Wet	84.65	78.06	64.31	71.81	92.06	100.95	127.47	133.39	131.32	134.73	134.68	131.24	1,284.67
1983	Wet	129.44	122.88	124.00	104.96	132.97	144.92	121.77	127.55	125.53	128.93	128.91	125.67	1,517.53
1984	Wet	131.74	117.63	147.26	116.76	124.28	139.72	85.65	94.72	93.15	95.91	95.84	93.35	1,336.01
1985	Dry	91.85	87.17	87.87	120.77	82.73	96.52	86.35	93.45	92.32	94.70	94.59	92.00	1,120.32
1986	Wet	90.72	86.02	86.72	67.13	73.15	130.93	131.40	137.61	134.49	139.02	137.97	134.31	1,349.47
1987	Dry	134.03	0.46	129.55	52.80	51.57	28.06	38.53	54.13	55.46	47.78	48.09	46.70	687.16
1988	Critical	30.48	24.54	19.88	5.92	18.09	15.02	28.46	42.72	43.81	38.02	37.83	36.68	341.45
1989	Dry	23.58	18.71	15.17	8.42	19.07	22.66	93.00	106.35	104.97	104.90	88.80	110.71	716.34
1990	Critical	100.88	94.69	88.97	42.22	44.92	32.34	44.94	63.12	64.67	55.74	56.00	54.44	742.93
1991	Critical	35.41	28.61	23.19	5.75	10.98	15.04	29.65	41.97	43.11	37.40	37.37	36.33	344.81
1992	Critical	23.52	18.73	15.17	5.69	10.87	14.89	39.81	56.06	57.28	49.41	47.24	49.11	387.78
1993	Above Normal	22.00	17.10	32.60	6.04	87.16	88.61	77.18	90.53	1.41	100.77	108.35	105.06	736.81
1994	Critical	92.80	86.54	78.65	37.47	45.57	50.50	71.43	93.32	30.04	96.24	1.75	27.10	711.41
1995	Wet	0.88	26.71	123.28	5.78	68.56	59.67	119.56	125.12	123.16	102.99	129.26	125.95	1,010.92
1996	Wet	29.54	0.51	95.73	59.25	51.59	87.30	89.21	93.34	91.99	94.55	94.49	91.92	879.42
1997	Wet	90.54	85.86	86.61	121.98	102.97	136.30	105.17	110.13	108.31	111.33	111.25	108.41	1,278.86
1998	Wet	106.79	101.36	102.22	78.43	101.69	133.19	100.47	100.94	99.35	102.41	102.38	99.65	1,228.88
1999	Wet	98.00	92.98	99.07	121.84	110.80	94.38	86.13	94.28	92.75	95.67	95.65	93.05	1,174.60
2000	Above Normal	91.65	86.95	87.65	71.23	115.47	85.47	80.14	94.83	93.59	93.15	99.85	96.75	1,096.73
2001	Dry	86.16	80.51	73.78	35.83	39.29	35.23	59.63	83.65	85.27	74.44	76.34	74.36	804.49
2002	Dry	49.45	40.95	33.35	11.88	26.85	38.81	100.90	105.63	103.91	107.10	24.29	116.73	759.85
2003	Above Normal	0.83	0.39	125.84	18.94	31.23	40.58	62.16	81.59	1.08	92.85	104.47	101.35	661.31
	Average	80.67	70.59	79.08	53.23	68.27	76.01	80.97	92.41	80.22	93.02	91.13	92.43	958.02
	Wet	89.56	83.86	88.48	82.63	99.19	115.35	103.24	108.34	104.18	108.45	110.61	107.64	1,201.53
	Above Normal	63.61	62.15	83.00	45.95	77.05	82.55	82.72	96.99	72.09	97.50	105.28	102.21	971.09
	Below Normal	89.29	70.65	90.49	54.99	64.98	79.48	78.46	88.13	63.52	98.28	105.56	102.47	986.30
	Dry	80.38	62.26	70.61	34.75	43.79	43.61	72.45	89.65	80.39	87.29	72.89	89.26	827.34
	Critical	68.86	62.72	54.21	22.47	33.06	28.77	46.65	62.45	55.64	57.54	45.32	42.70	580.37

Difference in Energy generated (GWh) at DCanyon: Alternative5_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	(0.01)	0.00	0.02	(0.65)	(0.07)	0.03	0.03	(0.01)	0.08	0.07	(0.04)
1924	Critical	(0.04)	(0.05)	(0.14)	(0.40)	(0.33)	(0.11)	0.01	0.03	0.03	0.02	0.02	0.01	(0.08)
1925	Dry	0.01	0.01	0.00	0.00	(0.02)	(0.02)	0.05	0.05	0.06	0.05	0.07	0.07	0.03
1926	Dry	0.05	0.05	0.04	0.00	(0.03)	(0.02)	(0.07)	(0.05)	(0.05)	(0.04)	(0.05)	(0.06)	(0.02)
1927	Wet	(0.04)	(0.04)	(0.03)	0.00	(0.05)	0.01	0.01	0.00	0.01	0.00	0.01	0.00	(0.01)
1928	Above Normal	0.00	0.00	0.00	(0.01)	(0.07)	0.00	0.00	0.00	0.01	0.00	0.00	0.00	(0.01)
1929	Critical	0.01	0.01	0.01	0.00	0.00	(0.01)	(0.02)	(0.03)	(0.03)	(0.02)	(0.03)	0.00	(0.01)
1930	Dry	0.59	0.82	0.88	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)	(0.02)	(0.03)	(0.03)	(0.03)	(0.02)	(0.01)
1932	Dry	(0.02)	(0.02)	(0.01)	(0.01)	0.00	(0.01)	0.01	0.01	0.01	0.00	0.01	0.00	0.00
1933	Critical	(0.01)	0.00	0.00	0.00	(2.83)	0.00	0.00	0.00	0.01	0.00	0.00	0.00	(0.24)
1934	Critical	0.00	0.00	0.01	0.00	3.16	3.73	(0.17)	(1.83)	(2.41)	0.45	44.73	0.00	3.97
1935	Below Normal	(10.48)	(0.08)	2.17	(0.01)	(0.24)	(0.23)	(2.87)	(0.30)	(0.23)	(1.10)	0.68	0.57	(1.01)
1936	Below Normal	(1.75)	(1.96)	(3.89)	(6.45)	(5.44)	0.23	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(1.61)
1937	Below Normal	0.00	0.00	0.01	0.00	1.51	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.13
1938	Wet	0.00	0.00	0.01	(2.10)	(2.11)	2.07	2.51	0.92	(0.38)	1.05	0.87	0.50	0.28
1939	Dry	1.14	1.09	1.12	9.29	0.63	(7.54)	(11.82)	(15.41)	0.00	(5.37)	0.00	(12.68)	(3.30)
1940	Above Normal	0.00	0.19	54.16	0.00	0.06	0.01	0.02	0.02	0.29	(0.29)	0.03	0.03	4.54
1941	Wet	0.03	0.02	0.02	(0.05)	(0.01)	(0.54)	(0.50)	(0.53)	(0.52)	(0.53)	(0.54)	(0.52)	(0.31)
1942	Wet	(0.51)	(0.50)	(0.50)	0.06	0.21	(0.76)	(0.02)	0.01	0.01	0.01	0.02	0.02	(0.16)
1943	Wet	0.00	(0.01)	(0.03)	(0.10)	(0.95)	(0.84)	(0.59)	(0.62)	(0.61)	(0.62)	(0.62)	(0.61)	(0.47)
1944	Dry	(0.60)	0.01	0.03	(4.46)	(3.98)	(1.31)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.87)
1945	Below Normal	(0.01)	(0.01)	(0.01)	0.00	(0.01)	(4.85)	0.15	0.16	0.15	0.16	0.16	0.16	(0.33)
1946	Below Normal	0.16	0.15	0.15	0.01	8.62	(0.26)	(0.70)	(0.03)	(0.01)	(0.23)	0.21	0.17	0.69
1947	Dry	(0.46)	(0.53)	(1.05)	(1.63)	(1.32)	(0.06)	0.30	0.32	0.32	0.32	0.32	0.31	(0.26)
1948	Below Normal	0.31	0.30	0.30	(1.81)	(2.00)	(0.74)	0.02	0.00	0.00	0.71	0.72	0.72	(0.12)
1949	Dry	0.54	0.49	0.41	(0.04)	(0.07)	(0.05)	(0.50)	(0.12)	(0.11)	(0.25)	(1.69)	0.79	(0.05)
1950	Below Normal	0.84	1.18	77.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.63
1951	Above Normal	0.00	0.00	0.00	24.78	8.82	(0.02)	0.10	0.09	0.09	0.09	0.09	0.09	2.84
1952	Wet	0.09	0.08	0.09	0.00	9.21	0.01	(0.51)	(19.27)	(18.95)	(19.40)	(19.40)	(18.97)	(7.25)
1953	Wet	(18.75)	(17.89)	(18.09)	0.89	0.97	43.83	2.52	3.07	82.76	(6.83)	(7.79)	(7.72)	4.75
1954	Above Normal	(3.78)	(3.44)	(1.18)	6.68	20.21	5.11	(0.36)	(0.12)	11.25	6.07	(2.18)	(2.22)	3.00
1955	Dry	(1.59)	(1.45)	(1.20)	0.07	0.82	1.09	1.59	2.08	2.06	1.96	2.25	2.19	0.82
1956	Wet	1.77	1.64	1.33	(2.45)	0.23	(0.07)	0.37	0.33	0.32	0.33	0.33	0.32	0.37
1957	Above Normal	0.31	0.30	0.31	0.13	0.11	(1.53)	(0.02)	(0.04)	(2.52)	(0.24)	0.11	0.18	(0.24)
1958	Wet	0.09	0.05	0.02	(0.02)	(0.07)	(0.06)	(0.06)	(0.05)	(0.06)	(0.06)	(0.06)	0.00	(0.02)
1959	Below Normal	(0.07)	0.00	4.38	0.10	0.00	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.37
1960	Dry	0.00	0.00	0.00	0.00	0.01	(0.10)	0.03	0.01	0.19	0.01	0.65	(0.12)	0.06
1961	Dry	(0.08)	(0.08)	(0.05)	0.04	0.04	0.02	0.01	0.01	0.01	0.00	(0.06)	0.03	(0.01)
1962	Below Normal	0.00	0.91	72.93	0.00	0.00	0.02	0.00	(0.01)	0.00	0.00	(0.01)	(0.01)	6.15
1963	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	(0.01)	0.00
1964	Dry	0.00	0.00	0.00	0.13	0.00	0.05	0.00	(0.02)	(0.01)	(0.01)	(0.02)	(0.02)	0.01
1965	Wet	0.00	(0.01)	0.01	0.05	(0.01)	0.00	(0.02)	0.00	(0.33)	0.02	0.04	0.04	(0.02)
1966	Below Normal	0.00	0.01	(0.02)	(0.06)	(0.07)	0.00	0.01	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)
1967	Wet	0.00	0.00	0.02	0.03	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1968	Below Normal	0.00	(24.67)	4.23	(5.24)	(6.13)	(1.64)	0.30	0.39	0.00	0.43	0.50	0.48	(2.61)
1969	Wet	0.39	0.37	0.29	(0.29)	0.21	(0.03)	0.14	0.15	0.14	0.15	0.15	0.15	0.15
1970	Wet	0.14	0.14	0.14	3.07	8.93	0.13	21.22	(1.23)	(1.21)	(1.24)	(1.24)	(1.21)	2.30
1971	Wet	(1.20)	(1.14)	(1.16)	0.17	0.31	2.81	0.47	(0.16)	(0.20)	0.06	(0.48)	(0.44)	(0.08)
1972	Below Normal	0.22	0.30	0.85	2.57	0.93	0.78	0.27	0.14	0.13	0.19	0.06	0.07	0.54
1973	Above Normal	0.20	0.20	0.32	0.45	0.00	0.00	0.01	(0.05)	(0.04)	(0.04)	(0.05)	(0.04)	0.08
1974	Wet	(0.04)	(0.04)	(0.04)	0.01	4.29	3.47	0.50	(0.29)	(0.30)	(0.30)	(0.30)	(0.29)	0.56
1975	Wet	(0.29)	(0.28)	(0.28)	0.74	0.19	(0.16)	(0.07)	(0.07)	(0.08)	(0.07)	(0.07)	(0.07)	(0.04)
1976	Critical	(0.07)	(0.07)	(0.06)	(0.02)	(0.02)	0.09	0.14	0.17	0.60	0.11	(0.51)	0.18	0.04
1977	Critical	0.07	0.07	(2.42)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.19)
1978	Above Normal	0.00	1.66	0.57	0.00	0.00	(6.23)	(3.31)	(0.04)	0.07	(1.48)	1.73	1.50	(0.46)
1979	Below Normal	(2.62)	(3.03)	(6.45)	(12.02)	(10.17)	(8.47)	(4.26)	(4.52)	(4.45)	(4.55)	(4.55)	(4.45)	(5.80)
1980	Above Normal	(4.39)	(4.19)	(4.23)	36.40	(0.94)	0.48	(23.56)	(20.74)	(20.41)	(20.89)	(20.89)	(20.43)	(8.65)
1981	Dry	(20.12)	16.90	(24.40)	13.31	42.31	29.81	6.62	8.84	66.92	(4.55)	(4.51)	(4.55)	10.55
1982	Wet	(1.82)	(1.74)	(0.47)	3.72	3.08	(0.07)	(0.04)	(0.04)	(0.04)	(0.05)	(0.05)	(0.05)	0.20
1983	Wet	(0.04)	(0.04)	(0.04)	0.00	13.15	8.22	0.00	0.00	0.00	0.00	0.00	0.00	1.77
1984	Wet	0.00	0.00	16.35	0.00	9.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.14
1985	Dry	0.00	0.00	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	(0.01)	0.20	0.31	0.33	(0.26)	0.19	(0.03)	(0.02)	0.06
1987	Dry	0.56	(0.01)	5.16	(0.06)	(0.05)	(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)	0.45
1988	Critical	(0.01)	(0.01)	(0.02)	0.00	0.02	0.00	0.00	0.52	0.53	0.45	0.45	0.45	0.20
1989	Dry	0.29	0.23	0.20	(0.07)	(0.13)	(0.18)	(0.48)	(0.02)	0.00	(0.16)	(11.36)	1.90	(0.82)
1990	Critical	1.32	1.19	0.79	(1.15)	(0.82)	(0.13)	0.37	0.52	0.54	0.45	0.45	0.44	0.33
1991	Critical	0.29	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	(0.75)	(1.05)	(1.08)	(0.92)	(0.65)	(1.01)	(0.45)
1993	Above Normal	2.24	0.15	(2.77)	0.03	0.14	0.28	0.18	(0.01)	0.00	0.78	0.63	0.62	0.19
1994	Critical	0.73	0.71	0.84	0.57	0.51	0.07	(0.10)	(0.13)	3.55	(0.50)	0.00	0.61	0.57
1995	Wet	0.00	25.72	38.56	0.00	0.00	0.00	0.00	0.00	0.00	(23.60)	2.70	2.62	3.83
1996	Wet	(92.02)	(17.94)	41.64	2.11	(0.78)	(0.60)	(0.42)	(0.44)	(0.44)	(0.45)	(0.45)	(0.44)	(5.85)
1997	Wet	(0.42)	(0.41)	(0.40)	0.03	0.09	1.06	(0.04)	(0.03)	(0.03)	(0.03)	(0.04)	(0.03)	(0.02)
1998	Wet	(0.03)	(0.03)	(0.04)	(0.13)	0.02	0.00	1.13	(0.63)	(0.62)	(0.63)	(0.63)	(0.62)	(0.18)
1999	Wet	(0.61)	(0.58)	4.71	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30
2000	Above Normal	(0.01)	0.00	0.00	0.00	(0.09)	(1.09)	(0.45)	0.03	0.04	(0.12)	0.23	0.19	(0.11)
2001	Dry	(0.25)	(0.29)	(0.66)	(1.42)	(1.17)	(0.40)	(0.01)	(0.03)	(0.04)	0.00	0.06	0.06	(0.35)
2002	Dry	0.10	0.12	0.10	0.00	0.00	(0.01)	(0.14)	(0.13)	(0.14)	(0.14)	(3.11)	(1.64)	(0.42)
2003	Above Normal	0.00	0.00	57.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.76
	Average	(1.83)	(0.31)	3.88	0.80	1.20	0.79	(0.15)	(0.61)	1.40	(0.98)	(0.28)	(0.77)	0.26
	Wet	(4.36)	(0.49)	3.16	0.22	1.78	2.26	1.04	(0.71)	2.28	(2.00)	(1.06)	(1.05)	0.09
	Above Normal	(0.45)	(0.43)	8.69	5.71	2.35	(0.25)	(2.28)	(1.74)	(0.93)	(1.34)	(1.69)	(1.67)	0.50
	Below Normal	(0.96)	(1.92)	10.87	(1.64)	(0.93)	(1.13)	(0.51)	(0.30)	(0.31)	(0.32)	(0.15)	(0.16)	0.21
	Dry	(1.10)	0.96	(1.08)	0.84	2.06	1.18	(0.25)	(0.25)	3.84	(0.46)	(0.97)	(0.77)	0.33
	Critical	0.19	0.17	(0.07)	(0.08)	(0.03)	0.30	(0.04)	(0.15)	0.14	0.00	3.70	0.06	0.35

Percent Difference in Energy generated (GWh) at DCanyon: Alternative5_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%	-2%	-1%	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	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%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	23%	14%	0%	-2%	-3%	1%	194%	0%
1935	Below Normal	-12%	0%	4%	0%	-1%	-1%	-3%	0%	0%	-1%	1%	1%
1936	Below Normal	-2%	-2%	-4%	-14%	-10%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-3%	-2%	2%	2%	1%	0%	1%	1%	0%
1939	Dry	1%	1%	1%	12%	1%	-12%	-16%	-16%	0%	-5%	0%	-13%
1940	Above Normal	0%	59%	76%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	-1%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1944	Dry	-1%	2%	0%	-9%	-8%	-3%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	8%	0%	-1%	0%	0%	0%	0%	0%
1947	Dry	-1%	-1%	-1%	-3%	-2%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-3%	-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%	10%	424%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	23%	8%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	9%	0%	0%	-16%	-16%	-15%	-15%	-16%
1953	Wet	-16%	-16%	-16%	1%	1%	68%	4%	4%	>1,000%	-8%	-8%	-8%
1954	Above Normal	-5%	-5%	-2%	59%	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%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	-2%	0%	0%	-9%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	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%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1966	Below Normal	0%	0%	0%	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%	-20%	3%	-8%	-8%	-3%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	3%	9%	0%	24%	-1%	-1%	-1%	-1%	-1%
1971	Wet	-1%	-1%	-1%	0%	0%	3%	1%	0%	0%	0%	-1%	0%
1972	Below Normal	0%	0%	1%	6%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	4%	3%	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%	0%	0%	0%	1%	0%	-1%	0%
1977	Critical	0%	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	13%	1%	0%	0%	-7%	-4%	0%	0%	-1%	2%	2%
1979	Below Normal	-3%	-3%	-8%	-22%	-17%	-7%	-4%	-4%	-4%	-4%	-4%	-4%
1980	Above Normal	-4%	-4%	-4%	55%	-1%	0%	-18%	-15%	-15%	-15%	-15%	-15%
1981	Dry	-15%	19%	-19%	21%	68%	62%	10%	10%	>1,000%	-5%	-4%	-4%
1982	Wet	-2%	-2%	-1%	5%	3%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	11%	6%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	12%	0%	8%	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%	-2%	4%	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%	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%	-1%	-2%
1993	Above Normal	11%	1%	-8%	0%	0%	0%	0%	0%	0%	1%	1%	1%
1994	Critical	1%	1%	1%	2%	1%	0%	0%	0%	13%	-1%	0%	2%
1995	Wet	0%	>1,000%	46%	0%	0%	0%	0%	0%	0%	-19%	2%	2%
1996	Wet	-76%	-97%	77%	4%	-1%	-1%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	1%	-1%	-1%	-1%	-1%	-1%
1999	Wet	-1%	-1%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	-4%	-3%	-1%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-11%	-1%
2003	Above Normal	0%	0%	83%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-1%	0%	10%	1%	2%	2%	0%	0%	0%	-1%	1%	-1%
	Wet	-4%	-4%	5%	0%	2%	3%	1%	-1%	-1%	-2%	-1%	-1%
	Above Normal	0%	5%	12%	12%	3%	0%	-2%	-1%	-1%	-1%	-1%	-1%
	Below Normal	-1%	-1%	40%	-3%	-2%	-1%	-1%	0%	0%	0%	0%	0%
	Dry	-1%	1%	-1%	1%	3%	3%	0%	0%	0%	0%	-2%	-1%
	Critical	0%	0%	0%	0%	1%	1%	0%	0%	1%	0%	16%	0%

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: Alternative5_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	7.72	7.88	7.98	7.74	95.63
1923	Below Normal	7.35	6.91	6.93	10.52	9.77	7.74	5.69	7.31	7.24	7.09	7.90	7.62	92.07
1924	Critical	6.31	5.78	5.03	1.71	2.19	2.29	3.68	5.05	5.19	4.49	4.50	4.35	50.57
1925	Dry	2.72	2.15	1.82	0.51	1.09	3.24	6.41	8.37	8.33	7.98	9.23	8.89	60.74
1926	Dry	7.10	6.52	5.35	0.51	1.42	2.91	5.09	6.84	6.83	6.53	7.57	7.28	63.95
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	6.64	4.31	9.33	9.59	9.44	9.71	9.71	9.42	96.90
1929	Critical	9.17	8.69	8.87	5.66	5.54	3.05	3.39	5.60	5.72	4.97	5.00	0.16	65.82
1930	Dry	2.87	4.17	3.99	0.50	1.35	2.00	5.37	7.08	7.23	6.52	6.97	6.75	54.80
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	5.52	2.62	5.03	6.93	7.03	6.42	6.93	6.70	61.53
1934	Critical	4.77	4.10	3.43	0.51	1.46	2.74	5.21	7.04	7.14	6.42	5.89	0.16	48.87
1935	Below Normal	6.52	6.19	5.06	0.52	1.84	2.94	8.03	9.03	8.96	8.91	9.47	9.16	76.63
1936	Below Normal	8.15	7.61	7.15	3.41	4.20	11.69	8.72	9.38	9.25	9.51	9.51	9.22	97.80
1937	Below Normal	8.97	8.48	8.65	5.91	10.05	9.23	10.83	11.37	11.20	11.52	11.51	11.18	118.90
1938	Wet	10.91	10.34	10.53	6.35	8.41	11.43	11.67	11.83	11.56	11.99	11.97	11.60	128.59
1939	Dry	11.38	10.78	10.97	7.67	7.62	4.85	5.63	7.09	0.19	8.09	0.27	7.21	81.75
1940	Above Normal	0.01	0.00	10.78	0.49	1.13	3.75	6.47	8.43	4.26	7.60	9.82	9.48	62.22
1941	Wet	7.54	6.91	5.67	3.57	7.39	8.49	9.01	9.29	9.14	9.42	9.41	9.13	94.97
1942	Wet	8.89	8.41	8.58	10.30	9.06	10.42	6.43	7.38	7.32	7.28	7.81	7.53	99.41
1943	Wet	6.58	6.09	5.63	8.14	9.39	8.53	10.01	10.29	10.11	10.43	10.42	10.13	105.75
1944	Dry	9.87	0.00	10.92	4.10	4.03	3.35	5.34	7.02	7.08	6.51	7.10	6.88	72.20
1945	Below Normal	4.96	4.32	3.61	0.96	1.85	11.33	8.68	9.10	8.98	9.24	9.23	8.96	81.22
1946	Below Normal	8.71	8.23	8.39	10.34	9.51	11.62	6.63	7.24	7.15	7.29	7.45	7.21	99.77
1947	Dry	6.74	6.33	6.28	4.63	5.16	3.97	9.32	9.56	9.42	9.68	9.67	9.40	90.16
1948	Below Normal	9.15	8.66	8.84	5.47	5.29	2.92	4.58	0.14	0.18	8.97	10.16	9.82	74.18
1949	Dry	7.75	7.15	5.88	0.87	1.72	2.68	7.27	8.84	8.79	8.53	1.61	10.78	71.87
1950	Below Normal	8.27	1.00	8.20	0.88	1.21	2.29	5.95	7.52	0.17	8.56	9.67	9.35	63.07
1951	Above Normal	7.37	6.77	5.58	11.49	10.43	11.96	7.49	8.22	8.11	8.34	8.33	8.09	102.18
1952	Wet	7.86	7.42	7.58	10.35	9.67	11.54	9.23	9.04	8.88	9.17	9.16	8.90	108.80
1953	Wet	8.67	8.19	8.35	10.17	8.86	9.29	5.60	7.29	7.24	7.04	7.95	7.67	96.32
1954	Above Normal	6.22	5.69	4.82	1.56	6.88	4.52	6.16	7.96	7.89	7.59	8.75	8.43	76.47
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	9.22	9.48	9.46	9.20	99.96
1957	Above Normal	8.95	8.47	8.63	6.81	6.70	6.46	6.42	8.28	2.40	8.13	9.87	9.54	90.66
1958	Wet	7.53	6.93	5.70	1.16	8.34	8.71	11.44	11.80	11.61	11.94	11.94	11.60	108.70
1959	Below Normal	11.34	0.00	11.16	4.93	5.29	4.42	5.49	6.89	0.19	7.88	8.87	8.57	75.03
1960	Dry	6.74	6.17	5.08	0.49	0.92	2.63	7.41	9.01	4.50	9.16	5.61	10.64	68.36
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	0.18	8.86	10.03	9.70	61.95
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	4.98	10.05	7.61	7.36	7.89	7.80	7.91	8.15	7.88	88.86
1965	Wet	7.31	6.84	6.69	7.54	9.77	8.99	6.91	7.55	1.99	8.16	8.49	8.21	88.45
1966	Below Normal	7.44	6.94	6.66	9.72	9.63	7.05	5.90	7.36	7.30	7.14	7.92	7.62	90.68
1967	Wet	6.37	5.85	5.14	2.30	10.03	9.78	11.28	11.68	11.49	11.83	11.83	11.50	109.08
1968	Below Normal	11.22	8.52	11.17	4.99	6.17	4.69	5.62	7.11	0.21	8.11	9.10	8.81	85.72
1969	Wet	6.90	6.33	5.21	6.27	9.51	11.87	10.73	11.24	11.07	11.38	11.38	11.06	112.95
1970	Wet	10.78	10.22	10.40	9.95	9.16	11.49	9.49	7.96	7.86	8.08	8.07	7.83	111.29
1971	Wet	7.61	7.18	7.33	10.38	9.41	8.90	5.95	7.39	7.35	7.22	7.92	7.63	94.27
1972	Below Normal	6.47	5.96	5.33	4.15	8.12	7.06	6.25	7.67	7.64	7.40	8.33	8.02	82.40
1973	Above Normal	6.56	6.02	5.15	1.94	8.56	8.80	8.05	8.68	8.58	8.79	8.78	8.52	88.43
1974	Wet	8.29	7.82	7.98	10.30	9.37	11.57	11.03	8.76	8.66	8.88	8.88	8.63	110.17
1975	Wet	8.39	7.92	8.08	9.16	7.63	10.27	8.32	8.56	8.46	8.68	8.67	8.43	102.57
1976	Critical	8.18	7.73	7.89	5.48	6.06	4.64	6.33	8.07	5.48	7.96	3.64	9.93	81.39
1977	Critical	7.79	7.14	3.93	0.50	0.94	1.30	2.59	0.14	0.00	0.20	0.46	0.18	25.17
1978	Above Normal	0.03	1.18	4.62	0.49	2.30	7.24	7.33	8.55	8.47	8.44	8.98	8.68	66.31
1979	Below Normal	7.74	7.19	6.75	3.71	4.27	9.49	8.27	8.54	8.44	8.66	8.65	8.41	90.12
1980	Above Normal	8.16	7.69	7.85	8.75	9.81	11.86	9.07	9.83	9.68	9.98	9.97	9.68	112.33
1981	Dry	9.45	8.92	9.09	6.53	8.96	6.71	6.34	8.27	5.98	8.17	9.28	8.97	96.67
1982	Wet	7.20	6.60	5.51	6.17	7.90	8.67	11.16	11.50	11.33	11.63	11.63	11.30	110.60
1983	Wet	11.03	10.45	10.63	9.01	11.40	12.62	10.76	10.99	10.54	11.13	11.13	10.82	130.51
1984	Wet	11.32	10.09	12.62	9.83	10.84	11.98	7.37	8.17	8.04	8.30	8.29	8.05	114.90
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	11.24	11.49	11.85	11.60	12.00	11.91	11.55	116.08
1987	Dry	11.42	0.00	11.11	4.52	4.41	2.42	3.52	4.68	4.81	4.17	4.19	4.05	59.30
1988	Critical	2.56	2.02	1.71	0.52	1.56	1.31	2.66	3.70	3.80	3.33	3.31	3.19	29.67
1989	Dry	1.97	1.52	1.31	0.74	1.64	1.96	8.21	9.16	9.06	9.08	7.70	9.54	61.89
1990	Critical	8.59	8.03	7.63	3.62	3.85	2.79	4.07	5.44	5.59	4.85	4.87	4.72	64.05
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	4.12	4.26	33.67
1993	Above Normal	1.84	1.38	2.80	0.53	7.48	7.61	6.84	7.81	0.18	8.72	9.37	9.06	63.62
1994	Critical	7.90	7.33	6.75	3.22	3.91	4.34	6.34	8.04	2.66	8.34	0.22	2.42	61.47
1995	Wet	0.02	2.20	10.63	0.51	5.89	5.13	10.48	10.78	10.62	8.92	11.16	10.84	87.18
1996	Wet	2.50	0.00	8.22	5.09	4.43	7.50	7.88	8.05	7.95	8.18	8.18	7.92	75.90
1997	Wet	7.70	7.27	7.43	10.45	8.83	11.69	9.24	9.50	9.34	9.62	9.61	9.34	110.02
1998	Wet	9.09	8.60	8.77	6.71	8.72	11.42	8.83	8.70	8.56	8.86	8.86	8.59	105.71
1999	Wet	8.33	8.07	8.50	10.26	9.69	8.11	7.41	8.13	8.00	8.28	8.28	8.02	101.08
2000	Above Normal	7.79	7.37	7.52	6.10	9.89	7.34	7.08	8.17	8.07	8.07	8.64	8.34	94.38
2001	Dry	7.32	6.81	6.33	3.07	3.37	3.03	5.31	7.19	7.34	6.46	6.62	6.42	69.27
2002	Dry	4.18	3.43	2.87	1.03	2.31	3.34	8.87	9.10	8.96	9.26	2.19	10.05	65.59
2003	Above Normal	0.01	0.00	10.80	1.64	2.68	3.49	5.53	7.02	0.13	8.05	9.04	8.74	57.13
	Average	6.88	5.97	6.78	4.57	5.87	6.54	7.13	7.97	6.93	8.06	7.89	7.97	82.57
	Wet	7.62	7.11	7.59	7.07	8.54	9.91	9.05	9.34	8.98	9.38	9.56	9.27	103.42
	Above Normal	5.57	5.25	7.12	3.96	6.62	7.10	7.27	8.36	6.24	8.44	9.10	8.81	83.86
	Below Normal	7.59	5.98	7.76	4.72	5.58	6.85	6.91	7.60	5.51	8.51	9.13	8.83	84.97
	Dry	6.83	5.26	6.06	2.98	3.76	3.77	6.41	7.73	6.95	7.57	6.33	7.70	71.35
	Critical	5.85	5.29	4.65	1.94	2.85	2.49	4.19	5.39	4.81	5.01	3.98	3.72	50.16

Difference in Energy generated (GWh) at Mojave Dam: Alternative5_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	(0.06)	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00
1924	Critical	0.00	(0.01)	(0.01)	(0.03)	(0.03)	(0.01)	0.01	0.00	0.01	0.00	0.00	0.00	(0.01)
1925	Dry	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.01	0.00	0.00	0.00	0.00	0.00
1929	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
1930	Dry	0.05	0.08	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	0.00	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	(0.24)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1934	Critical	0.00	0.00	0.00	0.00	0.28	0.41	(0.11)	(0.15)	(0.21)	0.04	3.82	0.00	0.34
1935	Below Normal	(0.89)	0.00	0.19	0.00	(0.02)	(0.02)	(0.25)	(0.03)	(0.02)	(0.10)	0.06	0.05	(0.09)
1936	Below Normal	(0.15)	(0.17)	(0.33)	(0.55)	(0.46)	0.02	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.14)
1937	Below Normal	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1938	Wet	0.00	0.00	0.00	(0.18)	(0.18)	0.18	0.21	0.08	(0.04)	0.09	0.08	0.04	0.02
1939	Dry	0.10	0.09	0.09	0.79	0.05	(0.64)	(1.01)	(1.32)	0.00	(0.47)	0.05	(1.11)	(0.28)
1940	Above Normal	0.00	0.00	4.59	0.00	0.01	0.00	0.00	0.00	0.02	(0.02)	0.00	0.01	0.38
1941	Wet	0.00	0.00	0.00	(0.01)	0.00	(0.05)	(0.04)	(0.04)	(0.05)	(0.05)	(0.05)	(0.05)	(0.03)
1942	Wet	(0.04)	(0.04)	(0.04)	0.01	0.01	(0.06)	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)
1943	Wet	0.00	0.00	0.00	0.00	(0.08)	(0.08)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)
1944	Dry	(0.05)	0.00	0.00	(0.38)	(0.34)	(0.12)	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.08)
1945	Below Normal	(0.01)	(0.01)	0.00	0.00	0.00	(0.42)	0.02	0.02	0.01	0.01	0.01	0.01	(0.03)
1946	Below Normal	0.01	0.02	0.01	0.00	0.73	(0.03)	(0.06)	0.00	0.00	(0.02)	0.02	0.02	0.06
1947	Dry	(0.04)	(0.05)	(0.09)	(0.14)	(0.11)	0.00	0.03	0.02	0.03	0.03	0.03	0.03	(0.02)
1948	Below Normal	0.02	0.02	0.03	(0.15)	(0.17)	(0.06)	0.01	0.00	0.00	0.07	0.06	0.06	(0.01)
1949	Dry	0.04	0.05	0.03	0.00	(0.01)	0.00	(0.04)	(0.01)	(0.01)	(0.02)	(0.15)	0.07	0.00
1950	Below Normal	0.07	0.10	6.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57
1951	Above Normal	0.00	0.00	0.00	2.12	0.76	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.24
1952	Wet	0.01	0.00	0.01	0.00	0.79	0.00	(0.04)	(1.66)	(1.62)	(1.67)	(1.67)	(1.62)	(0.62)
1953	Wet	(1.61)	(1.53)	(1.55)	0.08	0.09	3.75	0.21	0.26	7.10	(0.59)	(0.67)	(0.66)	0.41
1954	Above Normal	(0.33)	(0.29)	(0.10)	0.57	1.73	0.44	(0.03)	(0.01)	0.96	0.51	(0.18)	(0.19)	0.26
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	0.03	0.03	0.02	0.03	0.03
1957	Above Normal	0.03	0.03	0.03	0.01	0.01	(0.14)	0.00	0.00	(0.21)	(0.02)	0.01	0.01	(0.02)
1958	Wet	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00
1959	Below Normal	0.00	0.00	0.37	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
1960	Dry	0.00	0.00	0.00	0.00	0.01	(0.01)	0.00	0.00	0.01	0.00	0.06	(0.01)	0.01
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	0.00	0.00	0.00	0.00	0.53
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	0.00	0.00	0.01	0.00
1966	Below Normal	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1967	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
1968	Below Normal	0.00	(2.10)	0.36	(0.45)	(0.52)	(0.14)	0.03	0.04	0.00	0.04	0.04	0.04	(0.22)
1969	Wet	0.03	0.04	0.03	(0.02)	0.01	(0.01)	0.01	0.01	0.02	0.01	0.01	0.01	0.01
1970	Wet	0.01	0.01	0.01	0.27	0.77	0.01	1.81	(0.11)	(0.11)	(0.11)	(0.11)	(0.10)	0.20
1971	Wet	(0.10)	(0.10)	(0.10)	0.01	0.03	0.24	0.04	(0.01)	(0.01)	0.00	(0.04)	(0.04)	(0.01)
1972	Below Normal	0.02	0.03	0.07	0.22	0.08	0.06	0.02	0.01	0.01	0.02	0.01	0.00	0.05
1973	Above Normal	0.01	0.01	0.02	0.04	0.00	(0.06)	0.06	0.00	0.00	0.00	(0.01)	(0.01)	0.01
1974	Wet	0.00	(0.01)	(0.01)	0.00	0.37	0.30	0.05	(0.02)	(0.03)	(0.03)	(0.02)	(0.02)	0.05
1975	Wet	(0.03)	(0.02)	(0.02)	0.06	0.02	(0.01)	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.06	0.01	(0.05)	0.02	0.01
1977	Critical	0.00	0.01	(0.21)	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	0.14	0.05	0.00	0.00	(0.53)	(0.29)	(0.01)	0.00	(0.12)	0.15	0.13	(0.04)
1979	Below Normal	(0.23)	(0.26)	(0.55)	(1.03)	(0.87)	(0.73)	(0.36)	(0.39)	(0.38)	(0.39)	(0.39)	(0.38)	(0.50)
1980	Above Normal	(0.38)	(0.36)	(0.37)	2.93	0.11	0.04	(2.02)	(1.78)	(1.75)	(1.79)	(1.79)	(1.75)	(0.74)
1981	Dry	(1.72)	1.43	(2.09)	1.14	3.62	2.55	0.56	0.75	5.75	(0.39)	(0.39)	(0.39)	0.90
1982	Wet	(0.15)	(0.15)	(0.04)	0.32	0.26	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.02
1983	Wet	(0.01)	0.00	(0.01)	0.00	1.13	0.70	0.29	0.00	(0.28)	0.00	0.00	0.00	0.15
1984	Wet	0.00	0.00	1.40	0.00	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18
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	0.02	0.03	(0.02)	0.02	0.00	0.00	0.01
1987	Dry	0.04	0.00	0.44	(0.01)	(0.01)	0.00	(0.01)	0.00	0.00	0.00	(0.01)	(0.01)	0.04
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.04	0.04	0.03	0.03	0.02
1989	Dry	0.03	0.02	0.02	0.00	(0.01)	(0.02)	(0.04)	(0.01)	0.00	(0.01)	(0.97)	0.17	(0.07)
1990	Critical	0.12	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)	(0.06)	(0.09)	(0.04)
1993	Above Normal	0.19	0.01	(0.23)	0.00	0.01	0.02	0.02	0.00	0.00	0.06	0.05	0.06	0.02
1994	Critical	0.06	0.06	0.08	0.05	0.05	0.00	(0.01)	(0.01)	0.31	(0.04)	0.00	0.05	0.05
1995	Wet	0.00	2.20	3.29	0.00	0.00	0.00	0.00	0.00	0.00	(2.01)	0.23	0.22	0.33
1996	Wet	(7.86)	(1.53)	3.56	0.18	(0.07)	(0.05)	(0.03)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.50)
1997	Wet	(0.03)	(0.04)	(0.03)	0.00	0.01	0.09	(0.01)	0.00	(0.01)	0.00	(0.01)	0.00	0.00
1998	Wet	0.00	(0.01)	0.00	(0.01)	0.00	0.00	0.10	(0.05)	(0.06)	(0.05)	(0.05)	(0.05)	(0.02)
1999	Wet	(0.06)	(0.05)	0.41	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
2000	Above Normal	0.00	0.00	0.00	0.00	(0.01)	(0.09)	(0.04)	0.01	0.01	(0.01)	0.02	0.01	(0.01)
2001	Dry	(0.02)	(0.03)	(0.05)	(0.12)	(0.10)	(0.04)	0.00	(0.01)	0.00	0.00	0.01	0.00	(0.03)
2002	Dry	0.01	0.01	0.01	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.27)	(0.14)	(0.04)
2003	Above Normal	0.00	0.00	4.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41
	Average	(0.16)	(0.03)	0.33	0.07	0.11	0.07	(0.01)	(0.05)	0.12	(0.08)	(0.02)	(0.07)	0.02
	Wet	(0.37)	(0.04)	0.27	0.02	0.15	0.19	0.10	(0.06)	0.18	(0.17)	(0.09)	(0.09)	0.01
	Above Normal	(0.04)	(0.04)	0.74	0.47	0.22	(0.03)	(0.19)	(0.15)	(0.08)	(0.12)	(0.15)	(0.14)	0.04
	Below Normal	(0.08)	(0.16)	0.93	(0.14)	(0.08)	(0.10)	(0.04)	(0.03)	(0.03)	(0.03)	(0.01)	(0.01)	0.02
	Dry	(0.09)	0.08	(0.09)	0.07	0.18	0.10	(0.02)	(0.02)	0.33	(0.04)	(0.08)	(0.07)	0.03
	Critical	0.02	0.02	(0.00)	(0.01)	(0.00)	0.03	(0.01)	(0.01)	0.01	0.00	0.32	0.00	0.03

Percent Difference in Energy generated (GWh) at Mojave Dam: Alternative5_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%	-2%	-1%	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	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%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	24%	18%	-2%	-2%	-3%	1%	185%	0%
1935	Below Normal	-12%	0%	4%	0%	-1%	-1%	-3%	0%	0%	-1%	1%	1%
1936	Below Normal	-2%	-2%	-4%	-14%	-10%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-3%	-2%	2%	2%	1%	0%	1%	1%	0%
1939	Dry	1%	1%	1%	11%	1%	-12%	-15%	-16%	0%	-5%	23%	-13%
1940	Above Normal	0%	0%	74%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	-1%	-1%	-1%	-1%
1942	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%
1944	Dry	-1%	0%	0%	-8%	-8%	-3%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	8%	0%	-1%	0%	0%	0%	0%	0%
1947	Dry	-1%	-1%	-1%	-3%	-2%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-3%	-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%	11%	416%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	23%	8%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	9%	0%	0%	-16%	-15%	-15%	-15%	-15%
1953	Wet	-16%	-16%	-16%	1%	1%	68%	4%	4%	>1,000%	-8%	-8%	-8%
1954	Above Normal	-5%	-5%	-2%	58%	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%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	-2%	0%	0%	-8%	0%	0%	0%
1958	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	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%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1966	Below Normal	0%	0%	0%	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%	-20%	3%	-8%	-8%	-3%	1%	1%	0%	0%	0%	0%
1969	Wet	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	3%	9%	0%	24%	-1%	-1%	-1%	-1%	-1%
1971	Wet	-1%	-1%	-1%	0%	0%	3%	1%	0%	0%	0%	-1%	-1%
1972	Below Normal	0%	1%	1%	6%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	2%	0%	-1%	1%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	4%	3%	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%	0%	0%	0%	1%	0%	-1%	0%
1977	Critical	0%	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	13%	1%	0%	0%	-7%	-4%	0%	0%	-1%	2%	2%
1979	Below Normal	-3%	-3%	-8%	-22%	-17%	-7%	-4%	-4%	-4%	-4%	-4%	-4%
1980	Above Normal	-4%	-4%	-5%	50%	1%	0%	-18%	-15%	-15%	-15%	-15%	-15%
1981	Dry	-15%	19%	-19%	21%	68%	61%	10%	10%	>1,000%	-5%	-4%	-4%
1982	Wet	-2%	-2%	-1%	5%	3%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	11%	6%	3%	0%	-3%	0%	0%	0%
1984	Wet	0%	0%	12%	0%	8%	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%	4%	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	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%	-1%	-2%
1993	Above Normal	12%	1%	-8%	0%	0%	0%	0%	0%	0%	1%	1%	1%
1994	Critical	1%	1%	1%	2%	1%	0%	0%	0%	13%	0%	0%	2%
1995	Wet	0%	-	45%	0%	0%	0%	0%	0%	0%	-18%	2%	2%
1996	Wet	-76%	-100%	76%	4%	-2%	-1%	0%	0%	-1%	0%	0%	-1%
1997	Wet	0%	-1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	1%	-1%	-1%	-1%	-1%	-1%
1999	Wet	-1%	-1%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	-4%	-3%	-1%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-11%	-1%
2003	Above Normal	0%	0%	82%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-1%	-1%	10%	1%	2%	2%	0%	0%	0%	-1%	2%	-1%
	Wet	-4%	-5%	5%	0%	2%	3%	1%	-1%	-1%	-2%	-1%	-1%
	Above Normal	0%	0%	12%	11%	4%	0%	-2%	-1%	-1%	-1%	-1%	-1%
	Below Normal	-1%	-1%	40%	-3%	-2%	-1%	0%	0%	0%	0%	0%	0%
	Dry	-1%	1%	-1%	1%	3%	3%	0%	0%	0%	0%	0%	-1%
	Critical	0%	0%	0%	0%	1%	1%	0%	0%	1%	0%	15%	0%

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: Alternative5_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	69.60	107.19	113.37	130.13	222.41	70.80	40.51	1,011.49
1925	Dry	20.75	20.08	19.30	36.39	19.31	20.03	63.00	94.70	178.35	349.88	180.09	180.50	1,182.38
1926	Dry	59.37	31.47	45.05	22.16	18.05	44.32	47.69	181.43	255.00	357.62	184.40	99.68	1,346.24
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	260.16	86.67	125.93	263.92	424.31	319.33	266.80	2,185.23
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	246.09	366.96	217.76	166.46	1,478.03
1931	Critical	46.64	21.75	22.01	21.20	20.02	19.75	135.47	100.48	117.55	160.90	85.90	35.72	787.39
1932	Dry	25.29	19.78	104.54	19.00	35.42	76.05	93.39	76.71	171.01	223.01	204.73	64.94	1,113.87
1933	Critical	63.82	46.54	21.96	21.19	19.87	124.91	95.16	114.90	137.20	167.03	70.00	36.91	919.49
1934	Critical	26.83	20.66	63.15	35.07	83.38	24.48	108.03	114.96	135.61	90.57	80.92	39.96	823.62
1935	Below Normal	41.44	19.56	19.83	35.40	19.44	19.02	55.23	119.37	183.84	398.60	321.93	200.36	1,434.02
1936	Below Normal	94.80	69.30	58.40	44.04	72.56	184.17	88.07	119.89	143.61	391.70	325.36	196.15	1,788.05
1937	Below Normal	144.34	76.38	157.58	45.27	39.41	46.67	83.05	121.27	330.62	341.56	278.76	75.85	1,740.76
1938	Wet	59.17	57.15	45.53	49.20	237.11	575.85	480.74	607.94	396.30	253.97	246.19	383.77	3,392.92
1939	Dry	137.08	81.85	159.58	52.61	50.55	53.20	201.14	169.90	178.96	358.86	211.90	83.11	1,738.74
1940	Above Normal	39.45	28.77	28.41	44.32	29.52	572.01	185.71	112.09	204.30	439.91	343.47	295.12	2,323.08
1941	Wet	107.08	67.24	44.86	48.84	446.39	386.35	157.02	383.32	218.32	376.30	184.02	391.04	2,810.78
1942	Wet	133.96	78.51	191.57	482.17	520.62	90.67	381.60	280.65	320.86	329.29	238.53	389.74	3,438.17
1943	Wet	147.03	74.95	50.74	501.08	225.96	547.96	178.59	122.66	169.20	444.84	341.21	365.29	3,169.51
1944	Dry	136.15	77.38	151.27	57.34	54.04	59.52	108.05	115.16	211.30	336.85	179.30	67.22	1,553.58
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	183.74	1,470.48
1946	Below Normal	90.23	41.52	45.13	49.02	46.15	53.08	110.73	135.13	207.15	422.86	341.02	194.72	1,736.74
1947	Dry	116.17	48.26	46.41	49.53	43.25	50.64	93.23	159.90	184.68	366.00	204.20	190.47	1,552.74
1948	Below Normal	38.63	35.69	34.61	46.05	29.86	24.78	42.99	88.34	130.02	408.57	326.42	130.22	1,336.18
1949	Dry	73.34	47.30	45.70	47.62	43.51	48.57	101.63	109.79	213.21	357.34	174.47	176.47	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	386.47	393.69	330.91	155.21	113.33	133.34	218.53	440.33	340.10	292.66	2,915.97
1952	Wet	117.65	69.58	46.79	49.69	315.72	238.57	580.03	609.34	408.64	179.85	121.98	383.95	3,121.79
1953	Wet	159.32	84.29	166.54	580.34	47.49	212.16	206.96	196.77	289.77	442.79	279.84	360.44	3,026.71
1954	Above Normal	135.01	74.92	97.29	86.89	45.51	246.41	243.68	122.07	270.07	439.19	328.56	293.91	2,383.51
1955	Dry	103.31	46.05	43.92	45.36	43.75	49.07	106.78	112.92	159.33	331.23	179.31	73.96	1,294.99
1956	Wet	40.07	41.48	66.06	573.90	355.44	220.97	185.52	463.58	250.65	372.02	235.17	378.27	3,183.13
1957	Above Normal	134.17	81.07	216.20	50.11	107.14	109.35	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	249.23	147.99	379.91	2,972.45
1959	Below Normal	158.74	85.60	205.24	48.93	204.84	73.07	143.20	126.74	232.94	412.80	303.90	163.79	2,159.79
1960	Dry	75.72	53.30	30.02	29.04	26.40	25.12	128.81	121.43	221.60	368.53	250.31	201.69	1,531.97
1961	Dry	27.85	36.86	40.74	28.40	24.30	25.41	88.86	112.73	157.20	330.93	148.75	43.49	1,065.52
1962	Below Normal	35.94	21.44	35.39	21.42	16.97	18.32	87.39	192.75	178.10	391.42	293.76	197.53	1,490.43
1963	Wet	30.57	30.75	31.64	32.98	477.46	281.10	462.05	195.80	207.85	452.28	329.39	345.63	2,877.50
1964	Dry	106.10	47.02	45.37	45.68	44.39	48.68	128.24	110.04	150.68	352.20	172.64	200.91	1,451.95
1965	Wet	48.85	44.72	91.88	575.85	144.29	179.55	319.66	215.70	175.61	425.48	240.20	371.13	2,832.92
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	141.39	407.71	2,282.32
1968	Below Normal	160.13	80.54	139.37	56.94	373.53	223.70	131.73	128.75	229.06	427.32	296.04	219.68	2,466.79
1969	Wet	55.51	43.09	44.61	330.78	379.48	217.27	315.66	556.01	224.38	230.01	169.61	396.69	2,963.10
1970	Wet	142.24	79.68	305.36	576.37	322.23	137.74	119.21	124.79	175.40	412.17	311.48	287.30	2,993.97
1971	Wet	115.50	69.62	60.61	64.17	59.86	169.30	217.08	381.54	287.06	424.27	306.45	364.98	2,520.44
1972	Below Normal	139.61	70.62	47.25	47.98	46.26	52.22	118.51	118.26	192.84	395.22	300.26	204.76	1,733.79
1973	Above Normal	48.00	43.30	45.10	48.37	233.91	203.79	98.41	182.66	240.40	392.28	247.48	254.49	2,038.19
1974	Wet	93.83	48.17	230.28	578.66	174.54	582.37	335.60	304.48	254.41	352.65	114.11	375.72	3,444.82
1975	Wet	135.63	77.04	59.47	54.84	172.32	435.61	87.62	393.58	314.87	389.43	145.01	374.98	2,640.40
1976	Critical	53.60	76.57	163.22	49.28	50.43	56.46	121.63	126.87	132.76	320.24	158.83	180.60	1,490.49
1977	Critical	67.35	28.34	30.72	30.19	27.19	25.24	65.22	48.93	95.55	32.25	31.88	30.90	513.76
1978	Above Normal	24.67	18.83	18.50	35.52	22.87	182.48	208.86	129.28	164.45	376.85	299.10	273.26	1,754.67
1979	Below Normal	147.99	73.87	133.72	36.34	30.91	29.74	82.73	128.81	273.83	384.93	277.42	181.85	1,782.14
1980	Above Normal	85.30	49.98	50.19	222.51	539.41	176.62	97.92	119.18	125.47	289.24	173.84	260.24	2,189.90
1981	Dry	152.62	80.86	93.12	51.94	45.46	69.61	87.96	122.11	245.29	379.11	240.08	158.40	1,726.56
1982	Wet	40.79	32.48	523.28	278.01	529.40	456.83	575.19	384.91	233.30	238.46	139.22	220.31	3,652.18
1983	Wet	101.55	289.86	372.49	428.14	521.91	575.85	322.41	515.72	511.46	211.56	137.14	226.64	4,214.73
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	190.19	214.47	367.96	173.93	166.83	1,570.22
1986	Wet	106.61	30.77	54.19	39.01	483.98	576.42	87.76	124.81	153.61	394.39	284.47	333.51	2,669.53
1987	Dry	136.41	68.40	157.86	44.14	38.96	43.23	81.31	137.14	166.40	93.01	70.88	60.81	1,098.55
1988	Critical	33.74	23.03	41.67	26.62	40.49	43.54	58.26	78.69	119.60	200.67	61.68	54.49	782.48
1989	Dry	28.99	35.76	17.87	17.44	23.67	18.04	87.14	181.82	228.93	353.33	206.67	142.86	1,342.52
1990	Critical	72.95	67.46	131.74	18.50	17.05	16.89	109.65	67.34	108.38	294.74	62.09	64.30	1,031.09
1991	Critical	37.22	16.71	30.49	22.22	24.35	29.24	46.72	60.92	136.27	244.99	56.72	60.07	765.92
1992	Critical	28.46	21.29	31.41	27.13	18.00	15.82	60.68	124.26	156.88	120.59	83.97	89.56	778.05
1993	Above Normal	26.76	17.99	18.15	35.42	18.46	280.31	169.41	347.60	244.46	429.57	342.36	323.39	2,253.88
1994	Critical	132.36	69.27	68.03	33.01	27.86	25.36	109.92	98.08	127.19	302.53	151.19	69.59	1,214.39
1995	Wet	53.59	26.95	42.38	28.70	216.28	575.85	479.60	606.44	467.97	188.51	163.84	231.84	3,081.95
1996	Wet	164.33	83.31	167.14	414.98	538.70	341.08	271.18	428.84	193.08	414.03	225.99	364.76	3,607.42
1997	Wet	131.71	76.90	449.78	575.85	311.49	182.18	120.09	120.38	163.03	395.35	200.75	335.41	3,062.92
1998	Wet	129.17	72.10	60.33	46.61	517.85	478.87	139.98	362.41	500.27	203.25	130.73	221.62	2,863.19
1999	Wet	195.44	280.80	202.74	471.55	501.99	379.32	97.75	120.93	148.20	404.96	190.17	227.21	3,221.06
2000	Above Normal	144.32	75.73	202.92	49.63	243.50	315.72	80.26	132.94	234.93	445.96	322.46	283.12	2,531.49
2001	Dry	114.65	68.60	173.84	43.61	39.60	42.65	80.48	138.85	172.81	184.86	74.50	60.36	1,194.81
2002	Dry	62.55	28.60	41.50	27.00	28.21	23.62	101.52	91.00	135.17	322.53	95.05	151.15	1,107.90
2003	Above Normal	58.92	45.29	57.53	44.20	42.72	49.89	67.69	246.20	174.66	449.17	316.28	314.17	1,866.72
	Average	89.81	62.85	104.79	120.19	151.95	171.58	154.07	199.45	214.13	333.75	215.95	216.61	2,035.14
	Wet	102.68	92.22	157.35	272.40	323.47	353.78	262.74	335.97	277.29	338.82	216.42	337.31	3,070.45
	Above Normal	87.10	52.85	108.65	92.10	151.25	225.87	131.40	197.75	217.52	413.07	301.32	289.22	2,268.09
	Below Normal	99.35	56.03	80.46	43.17	77.53	64.30	94.52	124.11	194.61	396.65	307.63	178.05	1,716.40
	Dry	84.67	47.57	76.44	38.30	40.32	42.64	98.38	129.50	193.92	322.23	176.05	127.18	1,377.20
	Critical	61.21	40.09	58.01	31.19	35.32	41.08	94.32	98.17	127.00	187.35	82.48	61.58	917.79

Difference in Energy generated (GWh) at Oroville Dam: Alternative5_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	0.02	0.01	(0.19)	0.12	0.33	(0.21)	0.01	0.01
1925	Dry	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	(0.04)	0.05	0.12	0.08	0.02
1926	Dry	0.08	0.00	0.00	0.07	0.00	0.03	(0.01)	0.01	0.13	(0.04)	0.26	(0.51)	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	(0.04)	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	0.06	(0.01)	(0.01)	0.00	0.00
1931	Critical	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.05	(0.33)	0.02	0.00	(0.02)
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	(0.01)	0.06	0.04	0.00	0.01
1933	Critical	0.07	0.06	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.02)	0.05	(0.36)	0.00	0.00	(0.02)
1934	Critical	0.00	0.00	0.00	0.00	0.03	0.19	0.12	(10.92)	0.81	0.59	1.15	0.44	(0.63)
1935	Below Normal	0.87	0.21	0.16	0.21	0.11	0.07	0.14	0.19	0.26	0.84	0.93	0.82	0.40
1936	Below Normal	(4.85)	0.45	(0.34)	0.31	17.86	0.00	0.00	0.00	0.00	0.03	0.03	0.01	1.13
1937	Below Normal	0.00	0.00	0.16	(0.01)	0.00	(0.01)	(0.01)	0.00	2.27	(0.21)	(0.28)	(0.10)	0.15
1938	Wet	(2.11)	0.00	0.00	(0.05)	0.05	0.00	0.00	0.00	0.00	0.01	0.03	(0.01)	(0.17)
1939	Dry	0.00	0.00	(0.30)	(0.09)	(0.15)	(0.27)	20.44	(1.32)	(1.21)	(3.01)	(0.78)	(14.88)	(0.13)
1940	Above Normal	(0.37)	(0.24)	(0.09)	0.02	0.01	0.06	0.00	0.01	0.01	0.00	0.16	0.07	(0.03)
1941	Wet	0.09	(0.01)	0.00	0.00	(0.44)	0.00	0.00	0.00	0.00	(1.73)	0.06	(0.04)	(0.17)
1942	Wet	(0.03)	(0.01)	(0.10)	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.21	(0.02)	0.01
1943	Wet	(0.01)	(0.01)	0.00	(0.24)	0.00	0.00	0.00	(0.01)	0.01	5.62	(0.45)	(0.56)	0.36
1944	Dry	(0.30)	(0.17)	(0.37)	(0.13)	(0.11)	(0.11)	(0.18)	(0.15)	(3.83)	(0.44)	(0.95)	2.46	(0.36)
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)	(0.28)	(0.12)
1946	Below Normal	0.00	(0.07)	(0.06)	(0.04)	(0.03)	(0.04)	(0.07)	(3.92)	6.07	(1.24)	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)	0.26	(0.38)
1948	Below Normal	(2.29)	0.00	0.00	0.01	0.61	(0.01)	(0.01)	(0.01)	(0.02)	(0.06)	(0.05)	(0.05)	(0.16)
1949	Dry	0.11	(0.01)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.04)	(0.08)	(0.22)	(0.59)	(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	(0.04)	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02	1.03	0.09
1952	Wet	(0.06)	(0.04)	(0.02)	(0.01)	(1.28)	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	0.22	0.75	0.32	0.20
1954	Above Normal	0.43	0.29	9.16	(0.22)	(0.09)	(12.92)	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	0.09	0.12	0.27	1.22	6.71	0.58
1956	Wet	(6.49)	0.03	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	(0.53)
1957	Above Normal	0.00	(0.01)	0.02	(0.01)	0.00	(0.04)	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	0.11	0.01	(0.45)	(0.03)
1959	Below Normal	0.00	0.00	1.30	(0.01)	(1.03)	0.00	0.00	0.01	0.08	0.06	0.04	2.68	0.26
1960	Dry	(0.09)	(0.06)	(0.06)	(0.05)	(0.04)	(0.02)	(0.03)	(0.08)	(0.16)	(0.33)	(0.08)	(3.37)	(0.36)
1961	Dry	0.00	0.01	0.01	0.00	0.00	0.01	0.00	(0.01)	(0.01)	(0.32)	0.18	0.01	(0.01)
1962	Below Normal	0.00	0.01	0.15	(0.15)	0.00	0.00	0.01	0.01	0.01	0.03	0.02	0.03	0.01
1963	Wet	0.01	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02
1964	Dry	0.02	0.00	0.00	0.00	0.00	0.00	0.03	(0.01)	0.00	0.01	(0.01)	0.02	0.00
1965	Wet	(0.11)	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	0.04	1.29	0.12
1968	Below Normal	(0.03)	(0.02)	2.79	(4.24)	0.00	0.00	0.01	0.01	0.02	0.00	0.02	0.00	(0.12)
1969	Wet	0.31	0.00	0.00	(0.45)	0.00	0.00	0.00	0.00	0.00	0.50	(2.39)	0.13	(0.16)
1970	Wet	0.05	0.03	1.86	0.00	0.00	0.00	0.00	(0.03)	0.02	(0.07)	(0.03)	8.94	0.90
1971	Wet	(0.66)	(0.67)	(0.26)	(0.17)	(0.14)	(11.08)	0.00	0.00	0.00	(0.01)	0.00	0.04	(1.08)
1972	Below Normal	0.03	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	(0.01)	(0.01)	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	(0.12)	0.00	0.00	0.00	0.00	(0.06)	0.01	0.01	(0.01)
1974	Wet	0.18	0.00	(0.16)	0.00	0.00	0.00	0.00	0.00	0.00	0.02	(0.01)	(0.01)	0.00
1975	Wet	(0.02)	(0.01)	(0.10)	0.00	0.13	0.00	0.00	0.00	0.00	(0.01)	(0.02)	0.00	0.00
1976	Critical	0.00	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.29	(0.04)	(0.03)	0.02
1977	Critical	(0.23)	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	(0.02)
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	(0.05)	0.05	0.05	0.08	0.05	0.01
1979	Below Normal	(0.14)	(0.09)	(45.84)	0.63	0.42	0.25	0.71	0.94	1.41	2.89	3.75	3.34	(2.64)
1980	Above Normal	(4.07)	1.06	1.06	60.10	0.00	0.00	(0.21)	(0.29)	(0.41)	(1.13)	(1.11)	(36.31)	1.56
1981	Dry	0.70	0.32	0.27	0.64	0.65	18.82	0.47	0.66	1.08	(0.10)	9.70	2.06	2.94
1982	Wet	2.40	0.42	13.72	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.19	1.40
1983	Wet	(0.30)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
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	0.01	0.01	0.01	(0.01)	0.00	0.00
1986	Wet	(0.04)	0.00	0.05	0.00	(0.01)	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00
1987	Dry	0.00	0.00	0.12	0.00	(0.01)	0.00	0.00	(0.03)	1.30	(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)	(1.58)	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)	0.01	(2.38)	(3.17)	(0.47)
1990	Critical	0.52	0.18	1.04	0.12	0.05	0.04	0.24	0.15	0.26	0.82	4.74	0.04	0.68
1991	Critical	0.01	0.01	0.00	0.00	(0.06)	0.07	0.00	(0.01)	(0.02)	0.20	(0.26)	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(13.34)	13.46	(0.26)	(0.01)	(0.01)
1993	Above Normal	(0.01)	(0.01)	0.00	0.01	0.00	0.42	0.00	0.00	0.00	(0.16)	(0.11)	(0.02)	0.01
1994	Critical	0.02	0.01	2.03	(0.03)	(0.02)	(0.01)	(0.06)	(0.04)	(0.07)	(0.65)	(0.25)	(0.05)	0.07
1995	Wet	(0.04)	(0.02)	(0.03)	(0.01)	(1.22)	0.00	0.00	0.00	0.00	0.00	0.00	5.64	0.36
1996	Wet	(0.13)	(0.07)	(5.69)	0.00	0.00	0.00	0.00	0.00	(0.01)	(2.20)	0.13	0.02	(0.66)
1997	Wet	(0.02)	(0.01)	(0.19)	0.00	0.00	0.00	0.00	0.00	(5.61)	2.16	0.18	0.41	(0.26)
1998	Wet	0.17	0.09	0.08	0.05	3.67	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	0.02	0.05	(0.01)	0.00
2000	Above Normal	0.00	0.00	0.06	(0.01)	(0.13)	0.00	(0.01)	0.00	(0.01)	(0.01)	0.03	0.02	(0.01)
2001	Dry	(0.01)	(0.01)	(2.31)	0.06	0.05	0.05	0.09	0.17	0.21	2.37	0.00	0.00	0.06
2002	Dry	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.01	(1.04)	1.05	0.00
2003	Above Normal	0.01	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00
	Average	(0.27)	0.01	(0.24)	0.69	0.23	(0.06)	0.26	(0.18)	(0.13)	0.20	0.15	(0.29)	0.03
	Wet	(0.29)	(0.03)	0.44	(0.03)	0.04	(0.43)	0.00	(0.00)	(0.21)	0.18	(0.07)	0.59	0.02
	Above Normal	(0.33)	0.09	0.85	4.99	(0.03)	(1.05)	(0.02)	(0.03)	(0.03)	(0.11)	(0.07)	(2.93)	0.11
	Below Normal	(0.46)	0.03	(2.98)	(0.24)	1.30	0.02	0.05	(0.20)	0.72	0.16	0.36	0.41	(0.07)
	Dry	(0.24)	0.01	(0.15)	0.03	0.02	1.03	1.16	(0.04)	(0.14)	(0.10)	0.27	(0.55)	0.11
	Critical	0.03	0.02	0.25	0.01	0.00	0.02	0.02	(0.92)	(1.02)	1.07	0.41	0.03	(0.01)

Percent Difference in Energy generated (GWh) at Oroville Dam: Alternative5_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%	1%	0%	-9%	1%	1%	1%	1%
1935	Below Normal	2%	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	-5%	1%	-1%	1%	33%	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%	0%	-15%
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%	0%	-1%	0%
1970	Wet	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1971	Wet	-1%	-1%	0%	0%	0%	-6%	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%	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%	0%	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%	-1%	0%	0%	0%	0%	0%	0%	2%
1996	Wet	0%	0%	-3%	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%	3%	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%	-1%	-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: Alternative5_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	2.43	0.00	3.92	1.57	8.79	27.72	38.52	30.87	0.00	0.00	0.00	113.82
1924	Critical	0.00	0.00	0.00	0.00	0.00	14.29	21.08	22.66	30.10	0.00	24.30	11.32	123.75
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	31.58	51.89	51.35	0.00	24.41	0.00	159.23
1926	Dry	0.00	0.00	0.00	0.00	0.00	18.35	14.27	32.44	17.63	0.00	14.32	0.00	97.01
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	5.39	0.00	58.65	63.83	30.36	0.00	0.00	0.00	165.09
1929	Critical	1.24	18.75	0.00	0.00	0.00	0.00	0.00	26.94	30.12	31.84	18.81	0.00	127.70
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	8.84	30.14	15.14	163.94
1932	Dry	1.13	0.00	0.00	0.00	0.00	0.00	26.73	42.68	40.11	10.77	0.00	3.15	124.57
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	19.77	40.97	60.86	22.42	34.05	22.37	200.44
1934	Critical	7.33	0.00	0.00	0.00	0.00	0.00	32.67	45.31	56.23	46.38	36.24	0.00	224.16
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	51.00	61.87	42.45	0.00	0.00	0.00	155.32
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	53.80	74.09	45.18	0.00	0.00	0.00	173.07
1937	Below Normal	0.00	10.83	0.00	0.00	0.00	0.00	68.24	79.12	27.41	3.86	1.18	17.39	208.03
1938	Wet	5.07	0.00	0.00	0.00	0.00	0.00	56.65	59.93	12.20	10.92	6.62	0.00	151.39
1939	Dry	14.13	44.47	0.00	0.00	0.00	4.23	14.32	28.48	7.34	0.00	0.20	0.00	113.17
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	28.53	38.80	23.54	0.00	0.00	0.00	90.87
1941	Wet	0.00	9.43	0.00	0.00	0.00	0.00	51.49	51.31	20.01	0.00	0.00	0.00	132.24
1942	Wet	14.10	32.80	0.00	0.00	0.00	0.00	28.66	32.39	13.74	0.00	0.00	0.00	121.69
1943	Wet	0.00	21.16	0.00	0.00	0.00	0.00	61.08	64.54	35.02	0.52	0.00	0.00	182.32
1944	Dry	7.43	2.52	0.00	0.00	0.00	0.00	19.13	24.51	24.36	0.00	0.00	2.67	80.62
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	14.64	44.56	51.07	35.52	0.00	0.00	0.00	168.07
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	10.22	0.00	10.71	16.37	0.00	0.00	0.00	0.00	50.07
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	48.53	52.81	47.74	0.00	3.78	0.00	152.86
1950	Below Normal	13.31	0.00	0.00	0.00	0.00	0.00	27.35	25.73	1.20	0.00	0.00	0.00	67.59
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	40.53	41.75	4.55	0.00	0.00	0.00	97.73
1953	Wet	6.81	29.64	0.00	19.69	7.57	1.61	27.14	33.58	32.78	0.00	0.00	0.00	158.82
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	1.46	153.54
1956	Wet	6.57	0.00	0.00	0.00	0.00	0.00	58.66	67.94	25.00	0.00	0.00	0.00	158.17
1957	Above Normal	10.76	34.55	0.00	0.00	8.73	0.00	29.34	30.74	24.22	0.00	0.00	0.00	138.34
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	57.02	71.65	23.41	8.15	4.21	0.00	164.44
1959	Below Normal	5.64	13.67	0.00	0.00	0.00	0.00	17.79	28.82	3.17	0.00	0.00	0.00	69.09
1960	Dry	0.00	0.75	0.00	0.00	0.00	0.00	44.81	37.11	36.27	0.00	0.01	0.00	118.95
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	20.31	49.20	52.63	41.04	0.00	15.48	0.00	207.76
1965	Wet	1.78	0.00	0.00	0.00	0.15	0.00	35.32	41.79	14.90	0.00	0.00	0.00	93.94
1966	Below Normal	9.51	0.00	0.00	0.00	2.91	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	61.13	63.11	8.98	6.63	4.98	0.00	148.04
1968	Below Normal	8.03	31.10	0.00	0.00	0.00	0.00	19.90	30.06	6.44	0.00	0.00	0.00	95.53
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	40.02	0.00	3.92	0.00	5.01	0.00	48.95
1970	Wet	7.56	55.24	0.00	0.00	0.00	0.00	64.62	60.86	40.48	0.00	0.00	0.00	228.76
1971	Wet	1.12	0.00	0.00	7.94	13.54	0.00	29.06	35.07	27.15	0.00	0.00	0.00	113.88
1972	Below Normal	0.00	18.32	0.00	0.00	24.89	15.14	31.08	38.90	37.68	0.00	0.00	0.00	166.01
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	50.33	65.19	34.34	0.00	0.00	0.00	149.86
1974	Wet	0.00	0.00	0.00	0.00	11.61	1.85	67.51	62.23	23.30	0.00	0.00	0.00	166.50
1975	Wet	0.00	22.82	0.00	0.00	0.00	0.00	47.80	44.62	18.22	0.00	0.00	0.00	133.46
1976	Critical	0.00	31.10	0.00	0.00	0.00	0.00	31.87	42.26	46.67	0.00	3.42	0.00	155.32
1977	Critical	5.18	8.18	5.84	0.00	0.00	5.44	8.24	0.00	0.00	0.00	0.00	0.00	32.88
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	22.70	23.71	9.16	0.00	0.00	0.00	55.57
1979	Below Normal	0.40	11.85	0.00	0.00	0.00	0.00	53.66	54.45	32.02	0.00	0.00	0.00	152.38
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	28.05	0.00	0.00	2.71	7.84	27.49	35.63	35.45	0.00	0.62	0.00	139.83
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	7.98	17.46	10.59	0.00	75.02
1988	Critical	2.79	0.00	0.00	0.00	0.00	0.00	3.23	6.94	20.25	0.00	17.02	1.22	51.45
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	2.15	7.71	0.46	0.00	13.47	4.91	32.21
1992	Critical	0.00	1.58	0.00	0.00	0.00	0.00	11.38	12.30	13.06	15.47	10.86	0.00	64.65
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	36.22	40.07	0.66	0.00	0.00	0.00	76.95
1994	Critical	0.00	24.02	0.00	0.00	0.00	0.00	33.85	36.23	40.98	0.00	0.00	0.00	135.08
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	48.26	35.65	12.83	0.23	0.00	0.00	96.97
1996	Wet	6.67	0.00	0.00	0.00	0.00	0.00	40.83	38.55	19.72	0.00	0.00	0.00	105.77
1997	Wet	14.90	21.79	0.00	0.00	0.00	0.00	66.85	70.44	48.53	3.08	0.00	0.00	225.59
1998	Wet	8.21	15.76	0.00	0.00	0.00	0.00	38.71	39.14	0.00	0.00	0.00	0.00	101.82
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	43.85	49.23	23.20	0.00	0.00	0.00	156.00
2001	Dry	3.71	24.20	0.00	0.00	0.00	0.00	21.28	32.28	28.10	2.50	31.31	0.00	143.38
2002	Dry	9.34	0.00	0.00	0.00	0.00	0.00	57.01	55.36	44.06	0.00	14.27	0.00	180.04
2003	Above Normal	8.13	0.00	0.00	0.00	0.00	0.00	27.84	24.66	0.00	0.00	0.00	0.00	60.63
	Average	2.90	7.30	0.23	0.44	2.07	1.81	36.30	42.86	26.69	2.49	5.21	1.09	129.40
	Wet	3.08	8.02	0.00	1.22	2.06	0.42	45.26	50.31	22.98	1.71	1.71	0.37	137.15
	Above Normal	3.09	8.28	0.00	0.00	1.91	0.00	38.69	45.52	20.04	0.02	0.00	0.00	117.56
	Below Normal	2.64	6.30	0.91	0.28	4.42	3.05	37.14	45.46	25.15	0.28	0.08	1.24	126.95
	Dry	3.52	6.27	0.00	0.01	1.77	3.75	33.73	40.71	35.17	1.71	9.84	0.40	136.89
	Critical	1.67	7.48	0.49	0.00	0.00	2.28	17.40	24.28	30.46	10.41	17.06	4.59	116.11

Difference in Energy generated (GWh) at SWP San Luis: Alternative5_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	0.00	0.00	0.69	0.11	(0.40)	(0.17)	(0.29)	(0.27)	0.00	0.00	0.00	(0.03)
1924	Critical	0.00	0.00	0.00	0.00	0.00	(0.02)	0.02	0.16	0.05	0.00	0.03	0.04	0.02
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05	0.08	0.00	0.00	0.00	0.01
1926	Dry	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.04)	(0.04)	(0.07)	0.00	(0.13)	0.00	(0.02)
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	(0.04)	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	(0.02)	(0.02)	(0.01)	(0.01)	0.00	0.00
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	0.13	(0.02)	0.00	0.01
1932	Dry	0.00	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	0.20	0.04	0.03	0.02
1934	Critical	0.02	0.00	0.00	0.00	0.00	0.00	(1.37)	10.44	4.81	6.50	10.55	0.00	2.58
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(2.43)	(1.67)	(0.54)	0.00	0.00	0.00	(0.39)
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.03	0.00	0.00	0.00	0.00	4.62	1.14	(1.47)	(0.24)	(0.12)	(2.53)	0.12
1938	Wet	(0.07)	0.00	0.00	0.00	0.00	0.00	8.05	59.91	0.24	(1.19)	(1.37)	0.00	5.46
1939	Dry	(5.68)	(4.72)	0.00	0.00	0.00	(6.18)	(19.78)	(6.50)	(23.43)	0.00	0.20	0.00	(5.51)
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.86	0.38	0.00	0.00	0.00	0.13
1941	Wet	0.00	0.14	0.00	0.00	0.00	0.00	(0.54)	(1.27)	(1.62)	0.00	0.00	0.00	(0.27)
1942	Wet	(0.42)	(0.42)	0.00	0.00	0.00	0.00	(0.10)	(0.19)	(0.04)	0.00	0.00	0.00	(0.10)
1943	Wet	0.00	(0.01)	0.00	0.00	0.00	0.00	(1.05)	(1.62)	1.66	(1.87)	0.00	0.00	(0.24)
1944	Dry	(1.08)	(1.51)	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)	1.94	(0.64)	(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	(0.73)	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	(0.39)	(0.26)	(0.03)	0.00	(0.09)	0.00	(0.06)
1950	Below Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.00	0.00	0.00	0.00	0.01
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.06	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	(0.17)	(13.28)	(7.60)	(5.76)	0.00	0.00	(2.24)
1953	Wet	(8.63)	(8.43)	0.00	10.52	7.57	1.61	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	(1.79)	0.27
1956	Wet	3.39	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	(0.07)	(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	0.38	(2.67)	(2.96)	1.55	(0.95)	0.00	(0.39)
1959	Below Normal	(1.62)	(1.79)	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	(0.08)	(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	0.05	0.02	0.04	0.09	0.00	0.02	0.00	0.02
1965	Wet	0.05	0.00	0.00	0.00	(0.01)	0.00	(0.57)	(1.34)	(0.44)	0.00	0.00	0.00	(0.19)
1966	Below Normal	0.01	0.00	0.00	0.00	(0.03)	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	0.81	(0.44)	0.88	(1.17)	(0.62)	0.00	(0.04)
1968	Below Normal	0.68	(6.80)	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	40.02	0.00	0.00	(1.90)	(8.21)	0.00	2.49
1970	Wet	1.42	(1.54)	0.00	0.00	0.00	0.00	8.94	(1.67)	(1.97)	0.00	0.00	0.00	0.43
1971	Wet	(1.02)	0.00	0.00	0.10	0.20	0.00	0.50	0.55	0.07	0.00	0.00	0.00	0.03
1972	Below Normal	0.00	0.57	0.00	0.00	0.27	0.32	0.21	0.19	0.10	0.00	0.00	0.00	0.14
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.18	(0.05)	(0.41)	0.00	0.00	0.00	(0.02)
1974	Wet	0.00	0.00	0.00	0.00	(0.12)	(0.06)	(0.96)	(1.03)	(1.14)	0.00	0.00	0.00	(0.28)
1975	Wet	0.00	0.06	0.00	0.00	0.00	0.00	0.11	0.29	0.08	0.00	0.00	0.00	0.04
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.10	0.12	0.00	(0.01)	0.00	0.02
1977	Critical	0.09	0.02	(0.28)	0.00	0.00	0.01	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	(0.83)	0.32	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)	(4.54)	(3.67)	0.00	0.00	0.00	(1.06)
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)	(1.71)	0.00	0.00	2.71	7.84	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)	(0.69)	(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	0.29	0.00	0.17	0.13	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	(0.08)	(0.08)	0.00	0.00	(0.20)	(0.10)	(0.05)
1992	Critical	0.00	(0.03)	0.00	0.00	0.00	0.00	(0.40)	(0.49)	4.72	(4.55)	(0.25)	0.00	(0.08)
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.02)	0.26	0.00	0.00	0.00	0.02
1994	Critical	0.00	0.09	0.00	0.00	0.00	0.00	0.03	0.12	0.60	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)	(3.67)	0.00	0.00	2.66
1996	Wet	(21.14)	(20.06)	0.00	0.00	0.00	0.00	(1.29)	(2.24)	(0.87)	0.00	0.00	0.00	(3.80)
1997	Wet	(0.08)	0.08	0.00	0.00	0.00	0.00	(0.01)	(0.02)	0.45	(0.36)	0.00	0.00	0.01
1998	Wet	(0.01)	(0.03)	0.00	0.00	0.00	0.00	1.66	(0.44)	0.00	0.00	0.00	0.00	0.10
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.03	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	(0.42)	(0.35)	(0.24)	0.00	0.00	0.00	(0.09)
2001	Dry	(0.12)	(0.29)	0.00	0.00	0.00	0.00	0.02	0.00	(0.04)	(0.70)	0.06	0.00	(0.09)
2002	Dry	0.01	0.00	0.00	0.00	0.00	0.00	(0.13)	(0.16)	(0.12)	0.00	(0.09)	0.00	(0.04)
2003	Above Normal	0.62	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.03)	0.00	0.00	0.00	0.00	0.05
	Average	(0.51)	(0.59)	0.05	0.14	0.19	0.04	0.40	1.10	0.04	(0.21)	(0.10)	(0.05)	0.04
	Wet	(1.02)	(1.16)	0.00	0.40	0.29	0.06	2.51	3.21	0.13	(0.58)	(0.47)	0.00	0.28
	Above Normal	0.02	0.05	0.00	0.00	0.65	0.00	(1.36)	(0.90)	(0.70)	(0.27)	(0.43)	0.00	(0.24)
	Below Normal	(0.13)	(0.53)	0.31	0.05	(0.16)	0.13	(0.15)	(0.37)	(0.54)	(0.02)	(0.01)	(0.18)	(0.13)
	Dry	(0.77)	(0.65)	0.00	0.00	0.15	0.01	(0.70)	0.38	0.30	(0.05)	0.01	(0.10)	(0.12)
	Critical	0.00	0.02	(0.02)	0.00	0.00	(0.00)	(0.14)	1.30	0.88	0.19	0.76	0.00	0.25

Percent Difference in Energy generated (GWh) at SWP San Luis: Alternative5_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%	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%	-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	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	-4%	30%	9%	16%	41%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	-5%	-3%	-1%	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	-1%	0%	0%	0%	0%	0%	17%	>1,000%	2%	-10%	-17%	0%
1939	Dry	-29%	-10%	0%	0%	0%	-59%	-58%	-19%	-76%	0%	-	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	1%	2%	2%	0%	0%	0%
1941	Wet	0%	2%	0%	0%	0%	0%	-1%	-2%	-7%	0%	0%	0%
1942	Wet	-3%	-1%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	-2%	-2%	5%	-78%	0%	0%
1944	Dry	-13%	-37%	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%	-63%	-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%	0%	-100%	-62%	0%
1970	Wet	23%	-3%	0%	0%	0%	0%	16%	-3%	-5%	0%	0%	0%
1971	Wet	-48%	0%	0%	1%	1%	0%	2%	2%	0%	0%	0%	0%
1972	Below Normal	0%	3%	0%	0%	1%	2%	1%	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%	-3%	-1%	-2%	-5%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	2%	0%	-5%	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%	1%	0%	1%	12%
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%	-4%	-1%	0%	0%	-1%	-2%
1992	Critical	0%	-2%	0%	0%	0%	0%	-3%	-4%	57%	-23%	-2%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	65%	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	-76%	-100%	0%	0%	0%	0%	-3%	-5%	-4%	0%	0%	0%
1997	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	1%	-10%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	4%	-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%	-22%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
2003	Above Normal	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-3%	-3%	1%	0%	-1%	-1%	0%	1%	5%	-6%	-3%	-1%
	Wet	-2%	-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%	-1%	-1%	0%	-1%	-1%
	Dry	-7%	-4%	0%	0%	0%	-4%	-1%	2%	13%	-1%	-2%	-3%
	Critical	0%	0%	0%	0%	0%	0%	-1%	7%	6%	0%	3%	-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.: Alternative5_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	365.72	941.18	551.88	629.84	484.07	579.08	5,503.98
1923	Below Normal	323.93	253.13	292.85	302.63	368.14	277.98	290.96	362.86	354.30	622.74	549.94	357.09	4,356.55
1924	Critical	225.83	194.31	167.78	104.72	107.53	163.00	234.86	263.92	289.11	370.42	206.13	146.15	2,473.76
1925	Dry	65.71	56.32	49.78	51.76	55.06	144.43	273.86	376.71	464.55	628.79	467.32	423.64	3,057.93
1926	Dry	239.14	193.17	169.60	50.32	60.95	156.44	194.88	415.73	478.68	596.74	421.12	291.57	3,268.34
1927	Wet	172.86	168.59	224.16	51.55	205.80	512.56	513.09	525.40	411.62	693.23	601.76	618.49	4,699.11
1928	Above Normal	330.76	267.24	267.31	182.34	307.69	425.73	391.52	439.38	552.96	715.65	600.88	538.70	5,020.16
1929	Critical	341.80	272.10	251.27	183.19	182.83	131.62	213.55	294.82	295.68	254.43	210.39	46.99	2,678.67
1930	Dry	90.85	97.83	195.82	47.21	157.56	84.34	237.97	306.80	463.54	584.12	408.37	334.68	3,009.09
1931	Critical	142.97	101.89	80.16	48.43	60.56	93.28	297.55	287.13	313.46	334.00	250.39	163.93	2,173.75
1932	Dry	84.11	63.77	159.63	45.89	87.19	261.01	254.39	295.46	392.76	436.42	412.58	233.72	2,726.93
1933	Critical	192.08	163.40	104.46	48.62	231.43	220.09	232.01	335.76	376.35	382.86	272.82	209.37	2,769.25
1934	Critical	132.20	104.54	133.35	63.01	140.10	129.69	272.44	341.59	374.50	317.28	272.75	50.82	2,332.27
1935	Below Normal	185.24	149.03	116.82	63.60	71.56	110.06	332.39	422.05	465.79	681.99	602.21	450.19	3,650.93
1936	Below Normal	303.25	262.39	229.78	137.18	186.61	516.79	354.17	438.63	425.49	669.33	598.32	445.74	4,567.68
1937	Below Normal	375.18	298.11	381.08	191.95	314.00	330.57	413.24	491.15	670.69	668.95	600.50	372.09	5,107.51
1938	Wet	334.93	308.25	294.56	211.49	524.93	968.90	898.38	1,053.29	733.94	579.63	569.44	717.55	7,195.29
1939	Dry	439.42	392.12	435.91	245.17	238.41	197.31	403.60	408.09	206.02	646.60	350.00	309.13	4,271.78
1940	Above Normal	103.64	73.58	278.85	72.93	67.67	769.05	428.76	383.85	408.67	730.80	645.93	568.54	4,532.27
1941	Wet	308.22	256.56	178.85	134.10	702.32	668.64	461.02	715.76	480.82	648.43	431.89	666.76	5,653.37
1942	Wet	377.69	320.91	415.85	799.20	856.28	373.60	645.07	539.01	553.85	560.81	463.36	626.07	6,531.70
1943	Wet	322.43	251.81	182.24	761.95	493.31	854.80	517.45	453.16	463.98	752.55	638.51	664.15	6,356.34
1944	Dry	396.26	94.23	477.25	166.31	157.20	160.03	285.23	321.01	426.58	557.52	377.32	226.79	3,645.73
1945	Below Normal	150.95	133.24	125.56	87.74	95.25	340.33	361.30	412.06	419.62	652.18	564.08	428.95	3,771.26
1946	Below Normal	311.47	242.23	242.76	303.30	329.28	371.62	342.33	383.55	440.05	660.04	572.01	398.04	4,596.68
1947	Dry	290.52	203.71	193.00	168.81	181.69	175.52	402.75	482.19	474.12	650.20	484.64	449.70	4,156.85
1948	Below Normal	264.98	246.45	255.03	180.43	165.97	108.61	175.97	199.85	140.46	717.55	633.18	381.81	3,470.29
1949	Dry	271.57	228.76	184.25	93.36	96.74	135.18	369.11	404.72	510.14	647.55	339.73	461.52	3,742.63
1950	Below Normal	244.77	126.39	147.81	71.49	56.53	90.58	304.35	351.22	141.79	708.30	621.43	420.51	3,285.17
1951	Above Normal	253.25	221.88	569.58	721.87	644.39	488.96	344.59	419.22	474.96	699.52	590.10	533.82	5,962.14
1952	Wet	323.02	254.84	224.71	301.29	633.48	580.32	946.96	972.16	679.56	419.69	356.05	651.11	6,343.19
1953	Wet	390.48	318.08	380.46	939.77	319.63	488.78	428.33	445.13	542.15	698.24	521.41	597.09	6,069.55
1954	Above Normal	306.67	241.90	217.45	147.36	233.63	410.78	493.35	379.78	534.41	716.54	601.49	542.01	4,825.37
1955	Dry	279.45	201.43	161.41	82.63	103.37	158.77	324.32	363.93	419.51	581.06	430.42	272.00	3,378.30
1956	Wet	201.33	182.78	172.51	802.99	680.88	563.56	472.58	826.07	526.38	646.60	493.49	655.71	6,224.88
1957	Above Normal	376.17	326.78	446.86	223.50	296.06	301.81	334.20	372.70	311.79	739.54	624.47	543.81	4,897.69
1958	Wet	240.98	248.55	181.24	79.28	802.32	689.38	671.23	875.06	668.23	569.76	453.15	709.44	6,188.62
1959	Below Normal	451.35	188.21	538.47	181.09	364.41	210.97	338.12	350.18	261.57	698.08	581.74	402.18	4,566.37
1960	Dry	250.83	214.72	147.84	57.72	59.83	105.75	401.95	405.45	450.36	675.51	487.25	492.29	3,749.50
1961	Dry	259.66	241.29	207.70	79.04	84.15	97.13	301.10	352.52	411.73	580.76	339.00	158.25	3,112.33
1962	Below Normal	42.28	202.79	223.83	49.63	49.98	122.18	301.65	449.13	205.76	701.43	598.84	463.78	3,411.28
1963	Wet	223.51	208.60	166.75	194.51	743.28	516.57	747.83	451.45	433.13	694.57	560.74	575.39	5,516.33
1964	Dry	282.66	203.13	189.02	169.90	342.87	280.74	383.45	374.15	400.52	601.78	414.57	427.35	4,070.14
1965	Wet	235.35	213.50	254.49	837.85	415.20	442.96	583.28	473.88	316.18	687.29	482.56	623.27	5,565.81
1966	Below Normal	347.22	246.71	203.69	275.13	295.20	254.31	322.39	356.79	466.45	668.35	564.12	444.15	4,444.51
1967	Wet	251.80	186.72	162.18	105.60	306.32	725.31	451.81	828.91	720.46	461.29	443.84	738.15	5,382.39
1968	Below Normal	452.53	346.90	427.88	186.66	578.52	390.58	333.49	358.98	261.27	720.56	578.15	467.95	5,103.47
1969	Wet	234.22	206.47	168.69	523.18	698.86	559.24	648.09	904.82	519.17	528.76	467.44	717.42	6,176.36
1970	Wet	424.12	387.51	589.99	917.86	620.17	463.56	437.55	396.49	425.65	662.90	552.66	524.12	6,402.58
1971	Wet	314.59	249.81	235.01	325.94	339.15	430.24	442.02	658.40	533.73	675.78	548.71	603.33	5,356.71
1972	Below Normal	312.95	242.27	171.85	149.05	282.84	265.17	339.97	369.08	447.01	655.99	557.43	430.72	4,224.33
1973	Above Normal	212.68	195.05	165.21	97.46	500.31	469.83	344.40	484.38	508.71	655.65	493.54	499.51	4,626.73
1974	Wet	304.80	239.30	445.56	914.20	462.40	978.95	727.25	621.80	515.37	612.73	340.36	636.66	6,799.38
1975	Wet	353.20	297.50	250.89	274.93	385.13	765.70	357.78	701.38	574.34	648.10	371.69	632.53	5,613.17
1976	Critical	253.89	300.31	366.13	192.47	203.49	196.65	350.57	393.68	363.63	593.70	346.88	452.20	4,013.60
1977	Critical	276.33	215.66	145.76	59.39	61.15	80.42	149.45	65.76	111.43	47.77	45.88	42.96	1,301.96
1978	Above Normal	31.43	102.49	177.92	62.51	78.81	402.95	463.37	382.23	398.05	643.39	561.26	523.78	3,828.19
1979	Below Normal	351.71	268.00	306.07	139.28	137.76	281.49	356.99	407.57	540.26	643.55	525.53	411.96	4,370.17
1980	Above Normal	291.02	237.46	234.53	459.68	893.34	512.57	364.85	440.51	399.67	564.68	435.59	530.65	5,364.55
1981	Dry	397.32	331.01	315.42	220.68	273.33	269.83	312.74	386.38	489.62	664.33	514.64	398.33	4,573.63
1982	Wet	221.42	197.68	725.39	458.27	809.33	753.65	945.11	789.76	573.49	550.63	436.12	521.79	6,982.64
1983	Wet	375.92	578.40	671.68	744.80	891.17	981.12	639.99	845.15	820.21	499.72	428.91	517.56	7,994.63
1984	Wet	494.98	811.34	985.86	464.63	587.18	666.11	333.77	408.08	526.13	693.10	491.81	529.47	6,992.46
1985	Dry	321.24	225.23	273.36	254.76	249.25	271.87	353.76	470.45	472.37	617.89	413.80	390.36	4,314.34
1986	Wet	306.23	208.59	228.57	180.54	704.91	966.72	446.00	511.92	493.22	738.90	618.87	666.21	6,070.68
1987	Dry	436.28	135.85	488.74	159.56	147.62	120.08	192.46	257.66	296.97	223.38	179.71	147.49	2,785.80
1988	Critical	80.00	58.85	72.06	41.69	90.49	95.29	138.49	181.18	237.79	318.88	160.20	127.17	1,602.09
1989	Dry	65.96	63.10	41.06	32.40	72.57	82.34	360.26	482.01	518.46	634.50	456.93	400.72	3,210.31
1990	Critical	291.08	277.35	329.68	111.38	110.32	101.45	237.33	210.91	260.72	457.17	192.36	164.30	2,744.05
1991	Critical	90.92	55.96	65.19	39.04	57.09	78.09	128.01	158.36	236.40	365.54	152.29	136.01	1,562.90
1992	Critical	62.06	51.06	54.62	38.82	44.12	64.87	171.41	256.25	295.34	257.17	194.57	184.85	1,675.14
1993	Above Normal	59.72	43.57	62.02	59.97	211.46	526.56	415.52	633.84	330.92	712.48	620.67	585.76	4,262.49
1994	Critical	339.42	278.87	230.02	122.31	126.49	154.26	340.94	357.63	314.80	587.04	197.15	239.14	3,288.07
1995	Wet	65.78	170.45	296.87	58.15	396.64	806.15	859.33	1,003.24	796.55	443.40	449.50	520.94	5,867.00
1996	Wet	331.21	96.70	307.82	590.14	729.34	592.65	551.79	728.69	423.11	662.39	451.32	608.71	6,073.87
1997	Wet	346.78	280.06	686.19	905.70	614.28	517.16	429.40	438.45	454.54	682.82	460.87	613.57	6,429.82
1998	Wet	371.88	302.33	270.24	218.37	847.65	849.11	423.28	672.35	769.12	435.84	356.32	457.03	5,973.52
1999	Wet	417.77	537.23	439.58	789.19	842.58	680.75	326.76	398.36	389.64	657.34	415.15	463.14	6,357.49
2000	Above Normal	358.21	288.32	403.47	207.56	522.36	558.77	328.74	405.69	485.49	716.51	583.53	528.05	5,386.70
2001	Dry	312.39	266.49	345.78	128.94	126.53	133.96	243.45	345.65	381.73	376.24	259.01	195.83	3,116.00
2002	Dry	155.10	90.11	88.04	53.95	86.28	126.83	394.00	384.86	410.99	594.86	249.65	422.16	3,056.83
2003	Above Normal	128.99	129.83	287.76	84.96	111.04	160.59	270.38	487.65	189.20	740.26	597.15	573.28	3,761.09
	Average	269.02	226.44	272.79	249.93	329.79	377.52	396.02	467.59	437.43	588.08	450.00	442.41	4,507.03
	Wet	305.60	287.79	351.55	484.06	600.48	669.10	573.28	663.01	551.71	611.71	477.15	609.83	6,185.27
	Above Normal	244.13	208.58	286.76	202.34	344.85	451.53	378.78	480.87	428.89	688.74	569.89	545.58	4,830.95
	Below Normal	294.13	228.99	261.68	165.65	235.43	262.23	326.24	382.36	374.32	676.36	581.96	419.65	4,209.01
	Dry	257.69	183.46	229.09	117.13	143.37	164.53	316.07	379.65	426.04	572.13	389.23	335.31	3,513.69
	Critical	202.38	172.86	166.71	87.76	117.97	125.73	230.55	262.25	289.10	357.19	208.48	163.66	2,384.63

Difference in Energy generated (GWh) at Syst. Tot.: Alternative5_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	(0.04)	(0.07)	0.00	0.00	0.01	0.01	(0.01)
1923	Below Normal	0.00	0.00	(0.01)	0.68	0.28	(1.91)	(0.19)	(0.17)	(0.11)	0.14	0.21	(0.32)	(0.12)
1924	Critical	(0.04)	(0.06)	(0.28)	(0.69)	(0.58)	(0.19)	0.07	(0.02)	0.22	0.39	(0.15)	0.08	(0.10)
1925	Dry	0.03	0.02	0.01	0.01	(0.03)	(0.84)	0.15	0.19	0.16	0.19	0.28	0.21	0.03
1926	Dry	0.21	0.12	0.08	0.07	(0.05)	(0.87)	(0.19)	(0.16)	(0.04)	(0.16)	0.06	(0.73)	(0.14)
1927	Wet	(0.11)	(0.09)	(0.08)	0.01	(0.10)	0.01	0.01	0.01	0.01	0.03	0.02	0.00	(0.02)
1928	Above Normal	0.01	0.01	0.01	(0.01)	(0.20)	(0.04)	0.01	0.00	0.01	0.01	0.02	0.02	(0.01)
1929	Critical	(0.01)	0.04	0.01	(0.03)	0.03	(0.02)	(0.03)	(0.04)	(0.06)	(0.06)	(0.04)	(2.37)	(0.21)
1930	Dry	0.58	0.54	0.69	0.00	(0.01)	(0.01)	0.00	0.00	0.05	(0.01)	(0.02)	(0.01)	0.15
1931	Critical	(0.01)	(0.03)	(0.02)	0.00	(0.01)	0.02	(0.05)	0.00	0.02	(0.30)	(0.04)	(0.04)	(0.04)
1932	Dry	(0.02)	(0.02)	(0.01)	(0.03)	0.01	3.90	(0.03)	(0.06)	(0.08)	0.03	0.03	(0.02)	0.31
1933	Critical	0.08	0.06	(0.01)	(0.01)	(3.35)	(0.01)	0.00	(0.01)	0.06	(0.23)	0.04	0.03	(0.28)
1934	Critical	0.02	0.00	0.01	0.00	5.96	31.34	(17.01)	2.98	9.29	14.96	74.59	0.44	10.22
1935	Below Normal	(3.31)	11.63	11.32	0.18	(0.13)	(0.74)	(5.12)	(0.80)	0.96	3.44	4.21	1.75	1.95
1936	Below Normal	(8.76)	(2.83)	(8.36)	(11.08)	9.77	0.24	(0.02)	(0.01)	(0.02)	0.02	0.02	(0.02)	(1.75)
1937	Below Normal	(0.01)	0.03	0.19	(0.02)	(0.42)	(0.02)	4.61	1.13	1.18	(0.44)	(0.38)	(2.62)	0.27
1938	Wet	(2.59)	0.00	0.00	(3.29)	(2.23)	2.25	13.30	61.66	0.58	0.86	0.51	1.43	6.04
1939	Dry	(3.42)	(2.55)	1.87	13.88	(6.97)	(28.43)	(25.28)	(42.43)	(61.42)	(26.53)	12.35	(59.07)	(19.00)
1940	Above Normal	8.51	(2.42)	8.04	0.01	0.12	0.07	0.38	0.91	0.77	(0.35)	0.26	0.15	1.37
1941	Wet	0.17	0.18	0.04	(0.10)	(0.51)	(1.13)	(1.54)	(2.34)	(2.67)	(3.04)	(1.01)	(1.09)	(1.09)
1942	Wet	(1.49)	(1.49)	(1.17)	(0.10)	0.00	(1.48)	(0.10)	(0.15)	0.02	0.09	0.32	0.02	(0.46)
1943	Wet	(0.01)	(0.03)	(0.06)	(0.47)	(1.85)	(1.76)	(2.23)	(2.87)	0.45	3.35	(1.71)	(1.77)	(0.75)
1944	Dry	(2.59)	(1.84)	(0.34)	(8.10)	(7.21)	(2.42)	(0.19)	(0.14)	(3.29)	(0.51)	(0.64)	2.36	(2.08)
1945	Below Normal	(0.10)	(0.09)	(0.11)	(0.04)	(0.05)	(22.65)	0.12	0.06	(0.17)	0.29	(0.07)	0.03	(1.90)
1946	Below Normal	0.35	0.24	0.26	(0.09)	(2.66)	1.37	(1.40)	(4.70)	5.78	(0.62)	2.17	0.04	0.06
1947	Dry	(4.29)	(0.91)	(2.11)	(3.66)	1.01	(5.84)	0.67	0.98	0.91	0.40	(0.17)	0.99	(1.00)
1948	Below Normal	(2.13)	0.61	4.90	(2.26)	(2.99)	(1.10)	0.06	(2.95)	(0.03)	0.85	0.77	0.67	(0.30)
1949	Dry	0.94	0.63	0.43	(0.16)	(0.15)	(0.18)	(0.93)	(0.29)	0.01	0.21	(1.98)	(0.24)	(0.14)
1950	Below Normal	0.36	0.62	(15.49)	0.00	0.00	0.00	0.01	0.04	0.00	0.01	0.01	0.00	(1.20)
1951	Above Normal	0.01	0.00	(0.05)	(6.90)	(2.61)	(0.02)	0.26	0.22	0.23	0.18	0.19	1.39	(0.59)
1952	Wet	0.14	0.13	0.14	(0.01)	(4.28)	0.01	(1.23)	(51.79)	(45.54)	(44.51)	(39.26)	(38.36)	(18.71)
1953	Wet	(47.20)	(45.61)	(34.79)	12.15	47.42	88.84	10.10	13.91	140.90	(21.10)	(19.61)	(16.69)	10.69
1954	Above Normal	(10.74)	(8.58)	7.01	10.36	53.80	(4.29)	(0.51)	1.22	15.61	5.47	(5.38)	(4.94)	4.92
1955	Dry	(6.36)	(3.77)	(3.02)	(1.36)	1.40	2.39	5.18	6.25	6.42	5.29	7.34	10.87	2.55
1956	Wet	(0.45)	3.70	2.93	(33.27)	0.30	0.60	0.91	0.76	0.70	0.64	0.64	0.60	(1.83)
1957	Above Normal	0.68	0.61	0.64	0.16	(0.08)	(3.10)	(0.10)	(0.25)	(3.39)	0.22	0.66	0.63	(0.28)
1958	Wet	0.49	0.49	0.30	(0.03)	(0.13)	(0.13)	0.27	(2.79)	(3.07)	1.55	(1.36)	(0.57)	(0.42)
1959	Below Normal	(1.76)	(10.85)	6.26	0.18	(1.17)	0.05	0.27	0.21	0.15	0.07	0.04	3.18	(0.28)
1960	Dry	(0.08)	0.26	(0.06)	(0.04)	(0.03)	(0.28)	(0.06)	(0.16)	(0.01)	(0.36)	0.71	(4.23)	(0.36)
1961	Dry	(0.22)	(0.19)	(0.12)	0.07	0.07	0.04	0.03	0.00	0.02	(0.37)	0.10	0.07	(0.04)
1962	Below Normal	0.01	(0.72)	(18.23)	(0.16)	0.00	0.03	0.01	0.02	0.01	0.02	0.01	0.02	(1.58)
1963	Wet	(0.01)	(0.01)	0.00	0.01	0.18	0.00	(0.11)	(0.11)	(0.21)	0.00	0.01	0.01	(0.02)
1964	Dry	0.02	0.00	0.00	0.24	0.02	0.14	0.04	(0.01)	0.05	(0.05)	(0.06)	(0.02)	0.03
1965	Wet	(0.11)	(0.01)	0.01	0.09	0.00	0.01	(0.61)	(1.32)	(0.79)	(0.07)	0.15	0.09	(0.21)
1966	Below Normal	0.04	0.03	(0.03)	(0.12)	(0.15)	0.01	0.01	(0.02)	0.02	0.00	0.03	(0.04)	(0.02)
1967	Wet	0.05	0.01	0.02	0.07	0.02	0.14	0.81	(0.44)	0.88	(1.17)	(0.58)	1.50	0.11
1968	Below Normal	0.64	(33.60)	22.75	(16.60)	(15.41)	(3.60)	0.92	1.08	0.24	1.11	1.09	0.97	(3.37)
1969	Wet	1.23	0.81	0.64	(1.07)	0.21	(0.03)	32.78	7.97	0.27	(1.03)	(10.66)	0.40	2.63
1970	Wet	1.75	(1.25)	2.40	(0.24)	(2.03)	0.15	53.42	(4.35)	(4.56)	(2.75)	(2.71)	8.00	3.99
1971	Wet	(4.28)	(3.13)	(2.75)	(0.26)	0.10	(8.00)	0.66	(0.22)	(0.87)	(1.32)	(1.57)	(0.81)	(1.87)
1972	Below Normal	0.32	1.00	1.74	5.41	1.80	1.96	0.58	0.39	0.26	0.08	0.02	0.16	1.14
1973	Above Normal	0.40	0.41	0.70	1.01	(0.15)	(0.12)	0.30	(0.14)	(0.51)	(0.16)	(0.09)	(0.08)	0.13
1974	Wet	0.10	(0.10)	(0.27)	0.00	(9.03)	3.70	(3.15)	(1.64)	(1.73)	(0.58)	(0.61)	(0.59)	(1.16)
1975	Wet	(0.63)	(0.53)	(0.71)	1.27	0.58	(0.32)	(0.04)	0.14	(0.06)	(0.15)	(0.17)	(0.14)	(0.06)
1976	Critical	(0.14)	(0.14)	(0.13)	(0.06)	0.04	0.20	0.41	0.49	1.01	0.64	(0.50)	0.59	0.20
1977	Critical	0.29	0.48	(2.86)	0.00	0.00	0.00	0.01	(0.02)	0.00	(0.01)	0.00	0.01	(0.18)
1978	Above Normal	0.00	(0.48)	(0.73)	0.00	0.00	(13.14)	(3.52)	2.48	4.01	5.72	6.97	2.72	0.34
1979	Below Normal	(5.20)	(4.35)	(66.55)	(20.77)	(19.06)	(16.16)	(12.05)	(12.74)	(11.30)	(6.38)	(5.36)	(5.55)	(15.46)
1980	Above Normal	(14.44)	(7.85)	(7.92)	71.78	(0.77)	0.53	(63.28)	(54.63)	(52.64)	(46.49)	(48.13)	(82.66)	(25.54)
1981	Dry	(46.57)	0.06	(66.31)	29.49	89.61	91.04	23.94	32.08	209.24	(14.07)	(1.59)	(7.99)	28.24
1982	Wet	(3.64)	(5.44)	13.38	7.49	6.19	(0.16)	(0.08)	4.73	(1.11)	(0.49)	(0.65)	0.26	1.71
1983	Wet	(0.43)	(0.08)	(0.07)	(0.13)	28.17	8.91	17.41	(1.29)	(16.10)	0.00	0.01	0.00	3.03
1984	Wet	0.00	0.00	15.33	0.00	(2.04)	(0.01)	0.00	0.00	0.01	0.00	0.01	0.01	1.11
1985	Dry	0.00	0.00	0.00	(0.03)	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00
1986	Wet	(0.04)	0.00	0.05	0.00	(36.21)	0.66	21.63	0.45	(0.64)	0.48	(0.15)	0.41	(1.11)
1987	Dry	0.90	(41.41)	5.74	(0.10)	(0.09)	(0.03)	(0.22)	(0.13)	0.80	(0.34)	(0.28)	(0.11)	(2.94)
1988	Critical	(0.03)	(0.04)	(0.06)	(0.04)	0.01	(0.02)	(0.03)	1.13	1.22	(0.91)	1.03	0.90	0.26
1989	Dry	0.41	0.29	0.23	(0.08)	(0.06)	(0.35)	(0.83)	(0.10)	0.28	0.55	(15.67)	0.19	(1.26)
1990	Critical	3.88	3.40	3.12	(1.95)	(1.40)	(0.17)	1.02	6.26	1.25	1.80	5.34	0.71	1.94
1991	Critical	0.37	0.29	0.23	0.20	(0.07)	0.06	(0.07)	(0.08)	(0.02)	0.24	(0.52)	(0.11)	0.04
1992	Critical	0.00	(0.14)	0.00	0.00	0.00	0.00	(1.88)	(2.42)	(13.17)	9.50	(1.97)	(1.73)	(0.98)
1993	Above Normal	2.33	0.06	(3.28)	(1.96)	0.32	1.07	0.15	(0.13)	(0.25)	(0.69)	(0.77)	(0.48)	(0.30)
1994	Critical	0.12	0.43	3.22	1.15	0.97	0.15	(0.26)	(0.21)	4.58	(2.00)	(7.99)	1.01	0.10
1995	Wet	(0.11)	(7.14)	(2.93)	(0.01)	(1.41)	0.00	0.48	35.64	(0.60)	(29.29)	5.81	12.07	1.04
1996	Wet	(124.87)	(136.37)	(99.38)	4.23	(1.79)	(1.27)	(2.17)	(3.16)	(1.77)	(3.55)	(0.78)	(0.95)	(30.99)
1997	Wet	(1.00)	(0.79)	(1.07)	(0.05)	0.01	1.85	(0.03)	(0.09)	(6.05)	2.01	0.12	0.35	(0.39)
1998	Wet	0.11	0.00	0.02	(0.15)	4.21	(2.71)	4.07	(1.69)	(2.57)	(1.26)	(1.25)	(1.22)	(0.20)
1999	Wet	(1.29)	(1.22)	(1.31)	(0.12)	0.00	(0.01)	0.04	0.07	0.07	0.02	0.04	(0.01)	(0.31)
2000	Above Normal	0.00	(0.01)	0.06	0.01	(0.33)	(2.22)	(0.77)	(0.02)	0.18	0.67	0.85	0.40	(0.10)
2001	Dry	(0.52)	(0.75)	(4.08)	(2.47)	(2.03)	(0.65)	0.22	0.25	0.22	2.21	0.29	0.23	(0.59)
2002	Dry	0.32	0.32	0.12	0.16	(0.02)	(0.02)	(0.40)	(0.44)	(0.40)	(0.27)	(5.13)	0.48	(0.44)
2003	Above Normal	5.58	0.07	(10.45)	0.00	0.00	0.00	(0.01)	(0.02)	0.00	0.00	0.02	0.01	(0.40)
	Average	(3.26)	(3.65)	(2.93)	0.52	1.50	1.41	0.60	(0.17)	2.12	(1.80)	(0.63)	(2.18)	(0.71)
	Wet	(7.09)	(7.61)	(4.21)	(0.54)	0.99	3.47	5.56	1.96	2.14	(3.90)	(2.86)	(1.42)	(1.13)
	Above Normal	(0.64)	(1.52)	(0.50)	6.21	4.17	(1.77)	(5.59)	(4.20)	(3.00)	(2.95)	(3.78)	(6.90)	(1.71)
	Below Normal	(1.40)	(2.73)	(4.38)	(3.19)	(2.16)	(3.04)	(0.87)	(1.32)	(0.22)	(0.10)	0.20	(0.12)	(1.61)
	Dry	(3.37)	(2.73)	(3.72)	1.55	4.19	3.20	0.12	(0.23)	8.50	(1.88)	(0.24)	(3.17)	0.18
	Critical	0.38	0.36	0.27	(0.12)	0.13	2.61	(1.49)	0.67	0.37	2.00	5.82	(0.04)	0.91

Percent Difference in Energy generated (GWh) at Syst. Tot.: Alternative5_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%	-1%	-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%	-1%	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%	-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%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	4%	32%	-6%	1%	3%	5%	38%	1%
1935	Below Normal	-2%	8%	11%	0%	0%	-1%	-2%	0%	0%	1%	1%	0%
1936	Below Normal	-3%	-1%	-4%	-7%	6%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	-1%
1938	Wet	-1%	0%	0%	-2%	0%	0%	2%	6%	0%	0%	0%	0%
1939	Dry	-1%	-1%	0%	6%	-3%	-13%	-6%	-9%	-23%	-4%	4%	-16%
1940	Above Normal	9%	-3%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%
1944	Dry	-1%	-2%	0%	-5%	-4%	-1%	0%	0%	-1%	0%	0%	1%
1945	Below Normal	0%	0%	0%	0%	0%	-6%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	-1%	0%	0%	-1%	1%	0%	0%	0%
1947	Dry	-1%	0%	-1%	-2%	1%	-3%	0%	0%	0%	0%	0%	0%
1948	Below Normal	-1%	0%	2%	-1%	-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%	0%	-9%	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%	0%	0%	-5%	-6%	-10%	-10%	-6%
1953	Wet	-11%	-13%	-8%	1%	17%	22%	2%	3%	35%	-3%	-4%	-3%
1954	Above Normal	-3%	-3%	3%	8%	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%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	-1%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	-5%	1%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1960	Dry	0%	0%	0%	0%	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%	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%	-9%	6%	-8%	-3%	-1%	0%	0%	0%	0%	0%	0%
1969	Wet	1%	0%	0%	0%	0%	0%	5%	1%	0%	0%	-2%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	14%	-1%	-1%	0%	0%	2%
1971	Wet	-1%	-1%	-1%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	1%	4%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	-2%	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%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	-3%	-1%	1%	1%	1%	1%	1%
1979	Below Normal	-1%	-2%	-18%	-13%	-12%	-5%	-3%	-3%	-2%	-1%	-1%	-1%
1980	Above Normal	-5%	-3%	-3%	19%	0%	0%	-15%	-11%	-12%	-8%	-10%	-13%
1981	Dry	-10%	0%	-17%	15%	49%	51%	8%	9%	75%	-2%	0%	-2%
1982	Wet	-2%	-3%	2%	2%	1%	0%	0%	1%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	3%	1%	3%	0%	-2%	0%	0%	0%
1984	Wet	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	-5%	0%	5%	0%	0%	0%	0%	0%
1987	Dry	0%	-23%	1%	0%	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%	0%	0%	0%	0%
1994	Critical	0%	0%	1%	1%	1%	0%	0%	0%	1%	0%	-4%	0%
1995	Wet	0%	-4%	-1%	0%	0%	0%	0%	4%	0%	-6%	1%	2%
1996	Wet	-27%	-59%	-24%	1%	0%	0%	0%	0%	0%	-1%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	1%	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%	-2%	-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	5%	0%	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-1%	-1%	-1%	0%	1%	1%	0%	0%	1%	0%	0%	0%
	Wet	-2%	-3%	-1%	0%	0%	1%	1%	0%	1%	-1%	-1%	0%
	Above Normal	1%	-1%	0%	2%	2%	0%	-1%	-1%	-1%	0%	-1%	-1%
	Below Normal	0%	-1%	-1%	-2%	-1%	-1%	0%	0%	0%	0%	0%	0%
	Dry	-1%	-1%	-1%	1%	2%	2%	0%	0%	3%	0%	0%	-1%
	Critical	0%	0%	0%	0%	0%	3%	-1%	0%	0%	1%	3%	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: Alternative5_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	8.71	4.96	5.12	4.96	42.22	37.20	18.75	199.43
1924	Critical	9.06	8.42	9.02	8.71	8.14	12.26	9.88	12.15	14.77	35.55	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	7.48	3.72	15.51	24.57	45.25	22.63	13.49	166.51
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	11.84	13.99	26.26	11.68	5.55	112.89
1932	Dry	4.61	4.46	23.04	4.61	4.31	14.48	5.56	3.84	14.10	24.58	26.67	3.83	134.09
1933	Critical	9.33	9.12	4.61	4.61	4.16	24.04	3.88	10.55	11.06	21.61	3.84	3.83	110.64
1934	Critical	4.61	4.46	13.74	4.61	17.15	5.39	12.51	14.24	17.30	12.78	10.35	6.29	123.43
1935	Below Normal	8.51	4.46	4.61	4.61	4.30	4.10	4.96	5.12	11.29	44.74	39.36	24.52	160.58
1936	Below Normal	14.73	12.39	10.98	8.71	12.30	28.29	4.96	5.84	8.01	42.87	38.57	22.13	209.78
1937	Below Normal	20.48	12.39	28.31	8.71	7.86	8.71	4.96	5.12	37.82	41.59	38.96	5.38	220.29
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	25.29	8.71	8.22	8.71	16.49	16.22	14.56	46.96	29.08	12.97	220.08
1940	Above Normal	6.14	5.95	6.14	6.14	5.75	89.10	19.09	5.12	14.72	51.21	43.05	41.03	293.44
1941	Wet	18.79	12.39	8.71	8.71	68.65	58.61	18.83	43.66	15.33	38.77	14.93	49.56	356.94
1942	Wet	20.48	12.39	30.40	73.60	80.48	14.27	52.35	29.96	30.08	32.34	23.20	49.56	449.11
1943	Wet	20.48	12.39	8.71	76.68	34.68	82.33	20.91	5.12	9.81	50.42	40.80	49.56	411.89
1944	Dry	20.48	13.30	27.46	11.19	10.46	11.19	8.97	7.78	20.45	44.72	27.13	4.96	208.09
1945	Below Normal	8.71	8.42	8.71	8.71	7.86	8.71	4.96	5.38	7.90	44.77	38.56	23.76	176.45
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	26.87	187.55
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	10.29	8.42	8.71	8.71	7.86	8.71	6.84	6.22	19.18	45.62	20.90	25.34	176.80
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	45.04	12.11	6.63	46.32	420.58
1953	Wet	20.48	12.39	25.61	89.10	7.86	31.57	22.56	16.91	27.53	49.85	31.59	47.25	382.70
1954	Above Normal	20.48	12.39	16.73	14.94	7.86	37.78	30.92	5.12	24.38	51.21	41.44	40.59	303.84
1955	Dry	15.81	8.42	8.71	8.71	7.86	8.71	8.16	5.57	11.79	43.06	23.19	6.67	156.66
1956	Wet	9.48	8.42	8.71	89.10	54.34	33.52	16.07	55.50	21.66	39.71	23.77	49.56	409.84
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	11.83	8.71	8.71	80.48	61.00	38.05	53.61	33.11	20.39	8.95	45.94	379.49
1959	Below Normal	20.48	12.39	31.85	8.71	31.78	11.91	9.36	6.11	20.17	50.46	40.41	25.55	269.18
1960	Dry	11.24	10.42	6.14	6.14	5.75	5.12	12.87	7.23	19.23	45.12	32.55	29.44	191.25
1961	Dry	6.14	5.95	7.06	6.14	5.55	5.31	6.05	6.28	12.99	44.83	18.60	3.83	128.73
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	12.84	8.42	13.99	89.10	22.52	27.41	38.73	17.97	10.88	48.06	27.30	49.56	366.78
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	9.66	56.50	34.05	9.87	5.96	20.28	51.21	38.13	29.44	309.82
1969	Wet	9.85	8.42	8.71	53.38	57.71	33.06	37.46	65.67	18.54	19.34	13.66	49.56	375.36
1970	Wet	20.48	12.39	47.01	89.10	49.32	21.12	7.35	5.12	13.18	49.01	39.89	41.71	395.68
1971	Wet	20.48	13.49	11.38	11.38	10.28	25.85	19.10	44.00	27.94	48.65	36.05	49.56	318.16
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	36.34	31.30	4.96	13.42	20.36	44.71	27.67	33.12	246.43
1974	Wet	16.65	8.42	36.07	89.10	26.80	89.10	41.92	29.65	21.70	38.85	5.29	46.41	449.96
1975	Wet	20.48	12.39	9.74	8.71	26.75	66.14	4.96	42.97	30.48	42.79	11.04	48.18	324.63
1976	Critical	8.71	12.39	26.12	8.71	8.14	8.71	4.96	5.78	5.63	36.52	17.75	30.44	173.86
1977	Critical	15.08	5.95	6.14	6.14	5.55	5.12	4.40	4.96	12.44	7.60	7.58	7.38	88.34
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	22.27	6.14	5.55	5.12	4.96	5.12	24.63	43.79	33.60	21.80	205.85
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	11.41	4.96	5.12	21.45	44.53	28.97	19.44	200.89
1982	Wet	7.40	5.95	80.87	42.72	80.48	68.65	86.23	41.00	18.50	18.71	7.90	24.90	483.31
1983	Wet	14.91	43.07	56.25	64.97	80.48	89.10	43.40	60.79	57.89	14.65	7.49	25.01	558.01
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	8.10	45.26	34.05	49.53	361.87
1987	Dry	20.48	12.39	30.02	8.71	7.86	8.71	4.96	10.87	16.81	8.98	5.12	4.96	139.87
1988	Critical	6.14	5.95	6.14	6.14	8.15	6.42	3.72	8.24	13.81	34.47	7.27	6.46	112.91
1989	Dry	4.61	4.46	4.61	4.61	5.52	4.10	3.72	12.38	19.39	40.73	23.16	23.16	150.45
1990	Critical	13.27	12.39	25.37	4.61	4.16	4.10	6.14	3.95	5.16	41.03	5.73	4.97	130.88
1991	Critical	4.94	4.46	6.52	4.61	4.16	4.10	3.72	3.84	16.90	38.30	9.01	6.79	107.35
1992	Critical	4.61	5.30	4.61	4.61	4.31	4.10	3.72	8.32	16.23	13.46	6.38	9.49	85.14
1993	Above Normal	5.23	4.46	4.61	4.61	4.16	44.15	17.80	39.81	22.18	47.27	40.15	41.22	275.65
1994	Critical	20.48	12.39	12.44	6.14	5.55	5.12	4.96	5.12	7.17	39.31	18.63	8.57	145.88
1995	Wet	10.00	5.95	6.14	6.14	33.99	89.10	63.90	89.10	54.36	12.17	11.75	23.07	405.67
1996	Wet	20.48	12.39	25.17	62.65	83.35	51.96	33.27	53.35	11.75	44.53	21.71	46.61	467.22
1997	Wet	20.48	12.39	70.97	89.10	47.60	27.82	4.96	5.12	10.90	46.32	22.18	47.02	404.86
1998	Wet	20.48	12.39	11.21	8.71	79.47	73.13	14.63	47.13	55.33	12.87	5.91	22.31	363.57
1999	Wet	26.96	41.87	30.90	71.12	76.67	58.12	4.96	5.12	8.66	45.88	18.51	26.09	414.86
2000	Above Normal	20.48	12.39	32.73	8.71	38.32	48.10	4.96	7.86	19.20	51.21	39.03	38.46	321.45
2001	Dry	20.48	12.39	31.79	8.71	7.86	8.71	4.96	10.64	17.27	25.93	5.12	4.96	158.82
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	38.55	41.97	224.42
	Average	14.22	10.75	17.57	19.44	24.27	26.93	15.14	18.73	18.56	38.50	24.73	28.20	257.05
	Wet	16.36	14.90	25.02	42.55	50.07	53.99	31.93	37.85	25.46	34.98	21.34	43.13	397.58
	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	15.17	9.75	13.69	7.57	12.92	10.65	5.55	6.34	14.93	46.36	39.08	22.51	204.50
	Dry	13.50	8.42	14.13	7.28	7.55	7.89	6.47	8.42	16.70	40.27	21.29	17.15	169.08
	Critical	10.26	7.81	10.67	6.02	6.79	7.68	6.88	8.36	12.29	26.17	9.51	8.34	120.77

Difference in Energy generated (GWh) at Thermalito Dam: Alternative5_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	(0.17)	0.00	0.00	0.00	(0.01)	0.00	(0.07)	(0.02)
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	0.01	0.02	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	(0.82)	0.00	0.00	0.02	0.00	0.05	(0.10)	(0.07)
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	0.02	0.01	(0.06)	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
1933	Critical	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.06)	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	(0.03)	0.02	(2.07)	(0.03)	(0.02)	0.09	0.00	(0.17)
1935	Below Normal	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.01
1936	Below Normal	(0.95)	0.00	(0.19)	0.00	2.78	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.14
1937	Below Normal	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.36	0.01	0.01	0.00	0.03
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	(0.05)	0.00	0.00	0.00	3.16	(0.07)	(0.03)	(0.09)	0.23	(2.76)	0.03
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.02	0.00
1941	Wet	0.02	0.00	0.00	0.00	(0.06)	0.00	0.00	0.00	0.00	(0.24)	0.01	0.00	(0.02)
1942	Wet	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00
1943	Wet	0.00	0.00	0.00	(0.04)	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)	0.34	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	0.04	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)	0.09	(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	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	(0.03)	(0.11)	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	0.06	0.06	0.00	0.02	0.00
1953	Wet	0.00	0.00	0.37	0.00	0.00	(0.44)	(0.01)	(0.03)	(0.04)	(0.01)	0.07	(0.01)	(0.01)
1954	Above Normal	0.00	0.00	1.50	0.01	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	0.01	0.00	0.20	1.33	0.10
1956	Wet	(1.29)	0.00	0.00	0.00	0.00	0.68	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)
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	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	(0.29)	(0.07)	(0.02)
1959	Below Normal	0.00	0.00	0.20	0.00	(0.15)	0.00	0.01	0.00	0.01	0.01	0.01	0.51	0.05
1960	Dry	0.01	0.31	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.05	(0.61)	(0.02)
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	(0.06)	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	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	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	(0.63)	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	0.07	(0.35)	0.00	(0.02)
1970	Wet	0.00	0.00	0.28	0.00	0.01	0.01	(0.01)	0.00	0.00	0.00	0.00	1.67	0.16
1971	Wet	0.00	0.00	0.00	0.00	0.00	(1.62)	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.14)
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1974	Wet	0.03	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00
1975	Wet	0.00	0.00	(0.02)	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.01
1977	Critical	(0.05)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	(7.89)	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	2.70	0.00	0.00	(0.03)	(0.39)	1.28	0.10	0.30
1982	Wet	0.32	0.00	1.97	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.14	0.20
1983	Wet	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.01	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.02	0.00	0.00	0.00	0.00	(0.01)	0.25	0.00	0.00	0.00	0.02
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	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	(0.42)	(0.67)	(0.09)
1990	Critical	0.06	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.93	0.01	0.09
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	(0.05)	0.00	0.00
1992	Critical	0.00	(0.13)	0.00	0.00	0.00	0.00	0.00	0.00	(2.54)	2.54	(0.06)	0.00	(0.02)
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	(0.02)	(0.02)	0.00	0.00
1994	Critical	0.00	0.00	0.34	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)	(0.03)	0.00	0.02
1995	Wet	0.00	0.00	0.00	0.00	(0.19)	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.05
1996	Wet	0.00	0.00	(0.82)	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.41)	0.03	(0.05)	(0.10)
1997	Wet	0.00	0.00	(0.03)	0.00	0.00	0.71	0.00	0.00	(0.82)	0.27	0.00	0.00	0.01
1998	Wet	0.00	0.00	0.01	0.00	0.53	0.00	0.00	0.00	(1.34)	0.01	0.00	0.00	(0.07)
1999	Wet	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.01	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	(0.44)	0.00	0.00	0.00	0.00	0.01	0.00	0.43	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	0.01	0.00	0.00
	Average	(0.05)	0.00	(0.05)	0.10	0.04	(0.01)	0.04	(0.03)	(0.05)	0.03	0.03	(0.06)	(0.00)
	Wet	(0.05)	0.00	0.07	(0.00)	0.01	(0.02)	(0.00)	(0.00)	(0.08)	0.02	(0.02)	0.10	0.00
	Above Normal	(0.09)	0.00	0.13	0.77	(0.00)	(0.15)	0.00	0.00	0.00	(0.01)	(0.00)	(0.44)	0.02
	Below Normal	(0.09)	0.00	(0.53)	(0.04)	0.20	(0.01)	0.00	(0.04)	0.08	(0.02)	0.02	0.04	(0.03)
	Dry	(0.03)	0.02	(0.03)	0.00	(0.00)	0.11	0.18	(0.00)	(0.02)	(0.01)	0.08	(0.14)	0.01
	Critical	0.00	(0.01)	0.03	0.00	0.00	(0.00)	0.00	(0.17)	(0.21)	0.18	0.07	0.00	(0.01)

Percent Difference in Energy generated (GWh) at Thermalito Dam: Alternative5_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%	-10%	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%	-1%	0%	-13%	0%	0%	1%	0%
1935	Below Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	-6%	0%	-2%	0%	29%	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%	0%	24%	0%	0%	0%	1%	-18%
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	2%	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%	2%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%
1959	Below Normal	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1960	Dry	0%	3%	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%	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%	-6%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1970	Wet	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	4%
1971	Wet	0%	0%	0%	0%	0%	-6%	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%	1%
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%	-14%	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%	-1%	0%	0%	0%	0%	0%	0%	4%
1996	Wet	0%	0%	-3%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	3%	0%	0%	-7%	1%	0%	0%
1998	Wet	0%	0%	0%	0%	1%	0%	0%	0%	-2%	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%	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%	0%	0%
	Above Normal	-1%	0%	1%	3%	0%	0%	0%	0%	0%	0%	0%	-1%
	Below Normal	-1%	0%	-2%	0%	2%	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%	-1%	-1%	2%	2%	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: Alternative5_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	32.92	34.60	34.10	32.38	410.98
1923	Below Normal	25.87	23.80	21.28	35.55	42.83	36.89	36.21	36.04	34.00	39.80	37.13	31.40	400.80
1924	Critical	22.90	20.96	14.21	9.51	9.04	13.17	18.25	17.58	16.32	19.47	14.77	10.83	187.01
1925	Dry	0.88	0.48	0.14	1.39	6.16	29.07	32.54	41.47	39.97	47.68	43.80	35.81	279.39
1926	Dry	26.21	24.08	15.18	6.09	7.13	17.22	23.13	34.54	32.91	39.18	35.97	29.40	291.04
1927	Wet	20.46	18.59	10.99	4.68	18.29	40.42	38.14	37.61	34.80	35.85	35.72	34.58	330.13
1928	Above Normal	28.43	26.22	24.38	19.97	24.99	23.91	43.07	42.40	39.44	40.56	40.48	39.20	393.05
1929	Critical	33.06	30.69	28.85	19.13	17.38	14.61	17.17	19.00	17.82	21.40	16.20	2.13	237.44
1930	Dry	6.11	5.68	2.46	5.94	6.94	12.48	27.76	27.25	26.24	31.14	25.59	19.68	197.27
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	48.00	23.22	31.56	29.86	35.56	32.31	26.27	241.82
1933	Critical	17.22	15.47	8.57	5.92	49.77	13.08	16.49	27.66	26.44	31.60	26.36	20.45	259.03
1934	Critical	10.08	8.15	3.15	6.05	7.24	23.69	18.31	26.39	25.17	30.03	24.36	1.44	184.06
1935	Below Normal	16.52	14.43	8.08	6.11	8.33	17.26	41.92	41.69	39.62	43.82	41.99	37.56	317.33
1936	Below Normal	29.87	27.62	22.53	13.57	16.00	55.10	32.50	41.24	38.35	39.51	39.36	38.11	393.76
1937	Below Normal	31.96	29.61	27.76	20.34	49.03	55.10	40.97	49.29	46.32	47.66	47.52	46.06	491.62
1938	Wet	39.94	37.22	35.46	23.75	49.77	55.10	52.41	51.25	48.42	49.74	49.60	48.15	540.81
1939	Dry	42.01	39.14	37.38	28.14	26.99	23.73	36.05	35.86	1.61	48.55	39.61	42.63	401.70
1940	Above Normal	21.09	14.24	35.75	5.84	6.26	20.95	40.48	41.80	40.35	50.71	47.27	38.61	363.35
1941	Wet	28.81	26.46	17.07	9.87	31.20	39.39	41.68	41.14	38.21	39.42	39.28	38.06	390.59
1942	Wet	31.89	29.53	27.72	37.67	48.28	46.75	35.78	35.25	33.13	37.37	35.49	31.27	430.13
1943	Wet	23.60	21.63	16.47	26.00	38.41	39.49	45.67	45.13	42.09	43.42	43.32	42.06	427.29
1944	Dry	35.87	0.29	55.10	15.16	13.68	16.06	29.06	28.82	27.35	32.65	27.67	21.67	303.38
1945	Below Normal	11.36	9.45	4.18	9.60	8.16	48.66	32.38	40.15	37.35	38.49	38.30	37.11	315.19
1946	Below Normal	30.96	28.63	26.80	38.30	45.38	50.92	34.69	33.57	30.93	32.97	32.32	30.31	415.78
1947	Dry	23.63	21.68	18.77	16.84	21.69	20.51	43.06	42.33	39.38	40.40	40.34	39.12	367.75
1948	Below Normal	32.98	30.59	28.77	19.23	17.26	14.35	21.26	32.95	1.56	52.89	48.56	39.69	340.09
1949	Dry	29.82	27.32	17.64	9.28	8.00	15.29	42.59	42.70	41.07	47.92	44.53	42.68	368.84
1950	Below Normal	33.31	31.61	0.15	7.08	6.44	13.27	37.63	37.61	1.52	51.17	46.97	38.39	305.15
1951	Above Normal	28.59	26.24	16.92	42.51	45.24	55.10	27.94	36.99	34.20	35.16	35.08	33.99	417.96
1952	Wet	27.78	25.61	23.72	37.20	46.86	55.10	43.11	40.26	37.21	38.51	38.39	37.22	450.97
1953	Wet	31.06	28.68	26.84	40.93	49.77	42.64	36.13	36.38	34.51	40.96	37.86	31.55	437.31
1954	Above Normal	22.71	20.79	13.39	8.81	28.31	23.84	39.01	39.84	38.10	45.65	41.92	34.31	356.68
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	38.65	39.74	39.63	38.46	412.38
1957	Above Normal	32.23	29.84	27.97	25.54	25.46	31.84	40.34	41.21	39.80	50.72	46.95	38.40	430.30
1958	Wet	28.57	26.25	16.82	2.08	34.77	40.11	51.33	51.10	48.10	49.45	49.41	47.92	445.91
1959	Below Normal	41.79	27.82	55.10	20.39	20.21	24.16	35.35	34.99	1.65	47.44	43.54	35.60	388.04
1960	Dry	26.06	23.87	15.04	5.85	5.60	14.65	43.02	43.28	41.78	51.38	47.74	43.90	362.17
1961	Dry	34.51	31.87	23.02	8.57	8.98	13.08	36.41	36.25	34.76	41.37	38.02	33.79	340.63
1962	Below Normal	0.52	46.53	13.64	6.11	5.74	19.47	38.35	38.79	1.58	52.99	48.69	39.82	312.23
1963	Wet	29.84	27.45	17.79	20.64	31.19	34.49	35.01	34.26	31.72	34.32	33.39	30.80	360.90
1964	Dry	23.87	21.89	18.29	16.87	45.77	36.32	37.17	36.46	33.99	36.59	35.63	33.00	375.85
1965	Wet	26.17	24.03	20.63	24.84	42.40	41.41	35.95	35.28	32.78	38.25	36.98	33.68	392.40
1966	Below Normal	26.59	24.46	20.34	31.09	39.16	33.77	36.42	36.06	34.10	39.49	37.00	31.44	389.92
1967	Wet	23.08	21.13	14.60	6.85	41.76	44.35	50.64	50.66	47.69	49.14	49.02	47.54	446.46
1968	Below Normal	41.36	38.49	42.18	18.81	23.34	25.35	36.20	36.05	1.70	48.93	44.88	36.72	394.01
1969	Wet	27.04	24.81	15.73	19.04	49.77	55.10	40.75	49.01	46.04	47.40	47.28	45.87	467.84
1970	Wet	39.64	36.89	35.11	42.64	45.45	55.10	44.13	35.95	33.18	34.19	34.02	32.92	469.22
1971	Wet	26.73	24.59	22.73	36.90	46.76	41.57	36.24	35.88	33.92	39.00	36.65	31.54	412.51
1972	Below Normal	23.39	21.46	15.39	12.68	33.48	33.97	37.89	37.86	36.12	42.36	39.31	32.87	366.78
1973	Above Normal	24.05	22.04	14.59	4.91	41.54	42.64	29.87	38.76	36.01	36.91	36.80	35.63	363.75
1974	Wet	29.46	27.19	25.35	38.76	44.76	55.10	50.29	39.19	36.47	37.45	37.33	36.19	457.54
1975	Wet	29.98	27.65	25.77	31.11	29.40	45.75	38.93	38.24	35.47	36.40	36.30	35.17	410.17
1976	Critical	28.98	26.76	24.92	21.28	22.30	24.98	39.92	40.30	38.68	47.87	43.91	39.78	399.68
1977	Critical	29.93	27.42	17.77	5.97	5.74	10.04	14.56	4.17	0.00	3.71	1.81	1.45	122.57
1978	Above Normal	0.56	22.98	33.32	5.83	7.42	34.40	40.06	39.71	37.53	41.66	39.83	35.58	338.88
1979	Below Normal	28.04	25.79	20.78	16.56	15.49	42.98	38.60	37.96	35.19	36.09	35.97	34.85	368.30
1980	Above Normal	28.70	26.47	24.70	29.24	51.55	55.10	34.16	43.35	40.44	41.75	41.62	40.36	457.44
1981	Dry	34.21	31.66	29.84	25.26	34.70	32.70	40.03	40.95	39.52	48.19	44.42	36.66	438.14
1982	Wet	27.18	24.99	16.40	18.99	33.15	40.13	50.27	49.96	47.03	48.35	48.19	46.75	451.39
1983	Wet	40.59	37.76	35.94	46.82	49.77	55.10	51.22	44.70	37.05	46.38	46.39	45.03	536.75
1984	Wet	44.57	41.80	55.10	41.89	47.03	55.10	27.43	36.85	33.93	35.10	34.96	33.88	487.64
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	19.57	55.10	48.82	51.03	48.13	49.39	49.39	47.92	463.91
1987	Dry	41.92	15.04	55.10	16.32	14.70	13.01	17.74	16.54	15.18	17.97	13.76	10.10	247.38
1988	Critical	0.62	0.46	0.16	0.68	7.54	10.28	14.77	13.89	12.23	14.78	11.26	8.30	94.97
1989	Dry	0.60	0.43	0.16	0.09	7.67	12.44	42.53	42.00	39.71	43.72	42.02	39.27	270.64
1990	Critical	31.79	29.43	24.55	13.89	13.13	14.32	19.61	18.60	17.48	20.95	15.82	11.59	231.16
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	18.10	17.04	15.63	18.64	14.21	10.56	108.99
1993	Above Normal	0.76	0.46	0.15	4.70	31.29	35.92	37.29	36.95	22.94	43.61	41.44	36.50	292.01
1994	Critical	28.62	26.36	20.64	14.08	14.33	23.76	39.97	40.15	38.58	49.03	9.27	48.05	352.84
1995	Wet	0.51	39.40	38.20	6.03	23.83	26.11	47.43	46.95	44.02	45.28	46.32	44.91	408.99
1996	Wet	38.80	0.29	0.22	15.35	16.95	35.56	37.24	36.22	33.40	34.42	34.32	33.19	315.96
1997	Wet	27.02	24.92	23.09	35.94	49.40	55.10	42.06	42.08	39.11	40.25	40.19	38.99	458.15
1998	Wet	32.77	30.36	28.49	25.44	48.12	52.60	41.13	38.63	35.75	36.99	36.94	35.75	442.97
1999	Wet	29.54	38.76	32.84	38.51	49.77	48.85	27.58	36.59	33.72	34.94	34.89	33.76	439.75
2000	Above Normal	27.54	25.40	23.48	23.53	38.82	34.66	38.77	38.39	36.17	40.75	38.87	34.41	400.79
2001	Dry	26.63	24.55	19.24	12.41	11.91	15.20	24.60	24.23	23.39	28.14	21.69	16.04	248.03
2002	Dry	4.62	2.77	0.12	2.41	7.41	19.34	41.16	40.36	37.42	38.69	38.64	41.56	274.50
2003	Above Normal	19.16	27.36	27.26	3.45	8.63	20.01	35.73	35.65	1.35	48.46	44.58	36.43	308.07
	Average	24.92	23.09	20.83	17.20	26.20	32.56	35.28	36.38	31.18	38.87	36.26	32.94	355.71
	Wet	29.02	27.36	23.79	25.78	39.92	46.56	41.65	41.58	38.64	40.84	40.43	38.58	434.16
	Above Normal	24.08	24.06	22.74	15.01	28.26	34.60	36.92	39.22	33.27	42.55	40.75	36.32	377.77
	Below Normal	26.75	27.16	21.93	18.24	23.63	33.66	35.74	38.16	24.29	43.83	41.54	36.42	371.36
	Dry	22.87	17.75	20.24	11.10	15.46	21.75	34.06	35.43	31.82	39.19	35.82	32.02	317.50
	Critical	17.85	16.14	12.12	8.70	13.53	15.11	21.14	21.60	20.01	24.64	17.24	14.65	202.73

Difference in Energy generated (GWh) at Warne: Alternative5_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)	(0.21)	0.03	0.04	0.05	0.08	0.07	0.02	0.00
1924	Critical	0.00	(0.01)	(0.05)	(0.08)	(0.08)	(0.03)	0.00	0.01	0.01	0.01	0.00	0.00	(0.02)
1925	Dry	0.01	0.00	0.00	0.01	0.00	(0.30)	0.02	0.02	0.03	0.03	0.03	0.02	(0.01)
1926	Dry	0.01	0.02	0.01	0.00	(0.01)	(0.01)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)
1927	Wet	(0.02)	(0.02)	(0.02)	0.01	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1928	Above Normal	0.00	0.00	0.00	0.00	(0.02)	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)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.84)	(0.08)
1930	Dry	(0.05)	(0.22)	(0.10)	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	1.45	0.00	0.00	0.00	0.00	0.00	0.00	0.12
1933	Critical	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
1934	Critical	0.00	0.00	0.00	0.00	0.81	9.97	(5.76)	2.84	2.40	2.71	3.71	0.00	1.39
1935	Below Normal	2.98	4.27	3.14	(0.01)	0.01	(0.21)	0.25	0.39	0.55	1.42	0.95	0.09	1.15
1936	Below Normal	(0.33)	(0.32)	(1.20)	(1.35)	(1.60)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.40)
1937	Below Normal	0.00	0.00	0.00	0.00	(0.74)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)
1938	Wet	0.00	0.00	0.00	(0.27)	0.00	0.00	0.94	0.29	0.28	0.33	0.34	0.33	0.19
1939	Dry	0.38	0.36	0.37	1.13	(2.78)	(4.83)	(5.61)	(6.04)	(13.40)	(6.55)	4.47	(9.84)	(3.53)
1940	Above Normal	3.19	(1.02)	(19.35)	0.00	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.01	(1.43)
1941	Wet	0.01	0.01	0.01	(0.02)	0.00	(0.18)	(0.17)	(0.18)	(0.18)	(0.19)	(0.18)	(0.18)	(0.10)
1942	Wet	(0.18)	(0.17)	(0.17)	(0.06)	(0.09)	(0.25)	0.01	0.01	0.02	0.02	0.02	0.00	(0.07)
1943	Wet	0.00	0.01	0.00	(0.03)	(0.31)	(0.29)	(0.21)	(0.22)	(0.22)	(0.22)	(0.22)	(0.21)	(0.16)
1944	Dry	(0.21)	0.00	0.00	(0.99)	(0.88)	(0.28)	0.00	0.00	0.00	0.00	0.00	0.00	(0.20)
1945	Below Normal	(0.01)	0.00	0.00	0.02	0.01	(6.44)	0.05	0.06	0.06	0.06	0.05	0.06	(0.51)
1946	Below Normal	0.05	0.05	0.05	(0.02)	(4.39)	(0.10)	0.06	0.11	0.14	0.38	0.26	0.03	(0.28)
1947	Dry	(0.07)	(0.07)	(0.30)	(0.61)	1.00	(1.53)	0.11	0.11	0.11	0.12	0.11	0.11	(0.08)
1948	Below Normal	0.11	0.10	0.11	0.04	(0.18)	(0.07)	0.01	(1.30)	0.00	0.05	0.00	(0.03)	(0.10)
1949	Dry	0.01	0.04	0.02	(0.03)	(0.02)	(0.04)	0.03	0.05	0.08	0.21	0.13	(0.15)	0.03
1950	Below Normal	(0.23)	(0.28)	(39.53)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(3.34)
1951	Above Normal	0.00	0.00	0.00	(12.59)	(4.53)	0.00	0.03	0.03	0.03	0.02	0.03	0.02	(1.41)
1952	Wet	0.03	0.03	0.02	0.00	(4.69)	0.00	(0.19)	(6.57)	(6.52)	(6.65)	(6.65)	(6.48)	(3.14)
1953	Wet	(6.49)	(6.18)	(6.22)	0.24	14.30	13.33	1.12	0.64	8.95	(4.90)	(4.23)	(2.92)	0.64
1954	Above Normal	(2.31)	(2.02)	(0.79)	0.94	8.05	1.65	(0.18)	(0.06)	(0.06)	(0.71)	(1.13)	(0.92)	0.21
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	0.09	0.09	0.10	0.10	(0.75)
1957	Above Normal	0.10	0.10	0.09	0.00	(0.07)	(0.45)	(0.01)	(0.01)	(0.01)	0.19	0.20	0.16	0.02
1958	Wet	0.15	0.13	0.10	0.00	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	0.02
1959	Below Normal	(0.03)	(3.52)	0.00	0.03	0.01	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.29)
1960	Dry	0.00	0.00	0.00	0.00	0.00	(0.05)	0.01	0.00	0.00	(0.01)	(0.01)	(0.04)	(0.01)
1961	Dry	(0.04)	(0.04)	(0.03)	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.00
1962	Below Normal	0.00	(0.66)	(37.77)	0.00	0.00	0.01	0.00	(0.01)	0.00	0.00	0.00	0.00	(3.20)
1963	Wet	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.03	0.01	0.01	(0.01)	0.00	(0.01)	(0.02)	(0.01)	(0.01)	0.00
1965	Wet	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.03	0.03	0.01	0.01
1966	Below Normal	0.01	0.01	0.00	(0.02)	(0.02)	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	0.00	0.00
1967	Wet	0.00	0.00	0.01	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	5.52	(2.04)	(2.34)	(0.61)	0.14	0.14	0.00	0.22	0.20	0.17	0.12
1969	Wet	0.15	0.14	0.11	(0.07)	0.00	0.00	(2.82)	2.92	0.04	0.04	0.04	0.04	0.05
1970	Wet	0.04	0.05	0.04	(1.33)	(4.32)	0.00	7.64	(0.44)	(0.44)	(0.45)	(0.44)	(0.44)	(0.01)
1971	Wet	(0.44)	(0.41)	(0.41)	(0.14)	(0.12)	0.54	(0.16)	(0.22)	(0.26)	(0.51)	(0.37)	(0.12)	(0.22)
1972	Below Normal	0.02	0.02	0.27	0.86	0.19	0.26	0.01	0.01	0.00	(0.05)	(0.01)	0.04	0.14
1973	Above Normal	0.07	0.06	0.12	0.18	(0.01)	0.00	0.00	(0.02)	(0.01)	(0.02)	(0.02)	(0.02)	0.03
1974	Wet	(0.02)	(0.01)	(0.01)	0.00	(5.01)	0.00	(1.02)	(0.10)	(0.10)	(0.10)	(0.10)	(0.10)	(0.55)
1975	Wet	(0.11)	(0.09)	(0.09)	0.16	0.08	(0.06)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)	(0.02)
1976	Critical	(0.02)	(0.02)	(0.02)	(0.01)	0.02	0.04	0.06	0.07	0.06	0.06	0.05	0.16	0.04
1977	Critical	0.15	0.14	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
1978	Above Normal	0.00	(0.90)	(0.52)	0.00	0.00	(2.09)	0.50	0.87	1.17	2.71	1.87	0.36	0.33
1979	Below Normal	(0.39)	(0.38)	(1.94)	(2.58)	(2.69)	(2.68)	(1.45)	(1.54)	(1.53)	(1.57)	(1.57)	(1.53)	(1.65)
1980	Above Normal	(1.53)	(1.45)	(1.46)	(15.22)	0.00	0.00	(8.02)	(7.07)	(7.02)	(7.16)	(7.16)	(6.98)	(5.26)
1981	Dry	(6.99)	(6.65)	(14.77)	4.34	13.56	9.69	3.21	3.19	37.71	(3.20)	(2.78)	(1.93)	2.95
1982	Wet	(1.51)	(1.39)	(0.59)	1.11	0.98	(0.03)	(0.02)	(0.02)	(0.01)	(0.01)	(0.02)	(0.01)	(0.13)
1983	Wet	(0.01)	(0.01)	(0.01)	0.00	5.08	0.00	8.59	(0.51)	(8.12)	0.00	0.00	0.00	0.42
1984	Wet	0.00	0.00	0.00	0.00	(4.52)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.38)
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	(13.65)	0.00	6.24	0.11	0.11	0.13	0.14	0.16	(0.56)
1987	Dry	0.20	(14.23)	0.00	(0.01)	(0.01)	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	(1.17)
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.13	0.16	0.11	0.08	0.05
1989	Dry	0.00	0.00	0.00	0.00	0.03	(0.05)	0.05	0.08	0.11	0.26	0.18	0.73	0.12
1990	Critical	0.65	0.62	0.41	(0.25)	(0.17)	(0.01)	0.11	0.12	0.13	0.16	0.12	0.09	0.17
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	(0.22)	(0.24)	(0.26)	(0.32)	(0.23)	(0.19)	(0.12)
1993	Above Normal	(0.11)	(0.04)	0.00	(0.74)	0.05	0.10	(0.03)	(0.04)	(0.29)	(0.51)	(0.49)	(0.42)	(0.21)
1994	Critical	(0.27)	(0.18)	(0.03)	0.18	0.14	0.03	(0.04)	(0.05)	(0.05)	(0.27)	(3.09)	0.16	(0.29)
1995	Wet	0.00	(13.93)	(16.90)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.07	1.04	(2.39)
1996	Wet	1.07	(34.78)	(52.81)	0.63	(0.31)	(0.20)	(0.14)	(0.15)	(0.15)	(0.15)	(0.15)	(0.15)	(7.27)
1997	Wet	(0.15)	(0.14)	(0.14)	(0.03)	(0.04)	0.00	0.00	(0.01)	(0.02)	(0.01)	(0.01)	(0.01)	(0.05)
1998	Wet	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(1.01)	0.45	(0.22)	(0.21)	(0.22)	(0.22)	(0.21)	(0.14)
1999	Wet	(0.21)	(0.20)	(2.56)	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.25)
2000	Above Normal	0.00	0.00	0.00	0.01	(0.03)	(0.34)	0.08	0.11	0.14	0.31	0.22	0.04	0.05
2001	Dry	(0.04)	(0.03)	(0.20)	(0.31)	(0.25)	(0.08)	0.05	0.04	0.04	0.05	0.06	0.06	(0.05)
2002	Dry	0.07	0.07	0.00	0.06	0.00	0.00	(0.04)	(0.05)	(0.05)	(0.05)	(0.05)	0.38	0.03
2003	Above Normal	1.74	0.03	(27.84)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(2.17)
	Average	(0.13)	(1.02)	(2.63)	(0.50)	(0.12)	0.18	0.05	(0.14)	0.17	(0.28)	(0.17)	(0.35)	(0.41)
	Wet	(0.27)	(2.17)	(3.04)	(0.43)	(0.49)	0.46	0.78	(0.18)	(0.26)	(0.49)	(0.42)	(0.35)	(0.57)
	Above Normal	0.10	(0.44)	(4.15)	(2.29)	0.29	(0.09)	(0.64)	(0.52)	(0.50)	(0.43)	(0.54)	(0.65)	(0.82)
	Below Normal	0.16	(0.05)	(5.10)	(0.36)	(0.84)	(0.72)	(0.06)	(0.15)	(0.05)	0.04	(0.00)	(0.08)	(0.60)
	Dry	(0.42)	(1.20)	(0.87)	0.17	0.60	0.24	(0.08)	(0.10)	1.41	(0.46)	0.17	(0.55)	(0.09)
	Critical	0.05	0.05	0.03	(0.01)	0.06	0.83	(0.49)	0.24	0.20	0.21	0.05	(0.05)	0.10

Percent Difference in Energy generated (GWh) at Warne: Alternative5_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%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	1%	0%	0%	1%	0%	-1%	0%	0%	0%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1929	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-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%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	13%	73%	-24%	12%	11%	10%	18%	0%
1935	Below Normal	22%	42%	64%	0%	0%	-1%	1%	1%	1%	3%	2%	0%
1936	Below Normal	-1%	-1%	-5%	-9%	-9%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-1%	0%	0%	2%	1%	1%	1%	1%	1%
1939	Dry	1%	1%	1%	4%	-9%	-17%	-13%	-14%	-89%	-12%	13%	-19%
1940	Above Normal	18%	-7%	-35%	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	-1%	-1%	-1%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	-1%	-1%	0%	0%	-1%	-1%	-1%	0%
1944	Dry	-1%	0%	0%	-6%	-6%	-2%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	-12%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	-9%	0%	0%	0%	0%	1%	1%	0%
1947	Dry	0%	0%	-2%	-3%	5%	-7%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	-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	-1%	-1%	-100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	-23%	-9%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	-9%	0%	0%	-14%	-15%	-15%	-15%	-15%
1953	Wet	-17%	-18%	-19%	1%	40%	45%	3%	2%	35%	-11%	-10%	-8%
1954	Above Normal	-9%	-9%	-6%	12%	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%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1958	Wet	1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	-11%	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%	-1%	-73%	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%	15%	-10%	-9%	-2%	0%	0%	0%	0%	0%	0%
1969	Wet	1%	1%	1%	0%	0%	0%	-6%	6%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	-3%	-9%	0%	21%	-1%	-1%	-1%	-1%	-1%
1971	Wet	-2%	-2%	-2%	0%	0%	1%	0%	-1%	-1%	-1%	-1%	0%
1972	Below Normal	0%	0%	2%	7%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	1%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	-10%	0%	-2%	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%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	-4%	-2%	0%	0%	-6%	1%	2%	3%	7%	5%	1%
1979	Below Normal	-1%	-1%	-9%	-13%	-15%	-6%	-4%	-4%	-4%	-4%	-4%	-4%
1980	Above Normal	-5%	-5%	-6%	-34%	0%	0%	-19%	-14%	-15%	-15%	-15%	-15%
1981	Dry	-17%	-17%	-33%	21%	64%	42%	9%	8%	>1,000%	-6%	-6%	-5%
1982	Wet	-5%	-5%	-3%	6%	3%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	11%	0%	20%	-1%	-18%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	-9%	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%	-41%	0%	15%	0%	0%	0%	0%	0%
1987	Dry	0%	-49%	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	0%	0%	0%	0%	0%	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	-13%	-8%	0%	-14%	0%	0%	0%	0%	-1%	-1%	-1%	-1%
1994	Critical	-1%	-1%	0%	1%	1%	0%	0%	0%	0%	-1%	-25%	0%
1995	Wet	0%	-26%	-31%	0%	0%	0%	0%	0%	0%	0%	2%	2%
1996	Wet	3%	-99%	-100%	4%	-2%	-1%	0%	0%	0%	0%	0%	0%
1997	Wet	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	-2%	1%	-1%	-1%	-1%	-1%	-1%
1999	Wet	-1%	-1%	-7%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	1%	1%	0%
2001	Dry	0%	0%	-1%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%
2002	Dry	2%	3%	0%	3%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	10%	0%	-51%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	-3%	-5%	-1%	0%	1%	0%	0%	-1%	-1%	0%	-1%
	Wet	-1%	-6%	-6%	-1%	-1%	2%	2%	0%	0%	-1%	-1%	-1%
	Above Normal	0%	-3%	-8%	-5%	3%	0%	-2%	-1%	-1%	-1%	-1%	-1%
	Below Normal	1%	2%	-8%	-2%	-3%	-2%	0%	0%	0%	0%	0%	0%
	Dry	-1%	-4%	-2%	0%	3%	1%	0%	0%	-5%	-1%	1%	-1%
	Critical	0%	0%	0%	0%	1%	6%	-2%	1%	1%	1%	-1%	-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: Alternative5_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	0.25	0.49	1.07	1.49	2.34	2.44	2.12	0.77	13.06
1935	Below Normal	0.87	0.73	0.72	0.17	0.32	0.55	1.99	2.79	3.41	3.54	3.03	2.25	20.37
1936	Below Normal	1.37	1.12	0.95	0.18	0.41	2.01	2.16	2.75	3.38	3.50	3.04	2.28	23.15
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	3.13	2.65	1.97	20.18
1940	Above Normal	1.04	0.80	0.72	0.16	0.19	0.70	1.68	2.84	3.44	3.59	3.02	2.23	20.41
1941	Wet	1.14	0.85	0.77	0.77	1.04	1.75	2.26	2.83	3.50	3.62	3.13	2.33	23.99
1942	Wet	1.58	1.35	1.11	1.10	0.99	1.43	1.70	2.49	3.06	3.18	2.71	2.00	22.70
1943	Wet	1.15	0.92	0.78	1.02	1.06	1.65	2.53	3.16	3.90	4.03	3.49	2.60	26.29
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	0.97	0.73	0.65	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	1.20	1.09	1.86	1.99	2.49	3.09	3.19	2.76	2.05	24.67
1971	Wet	1.38	1.18	0.96	1.15	1.01	1.25	1.61	2.55	3.12	3.26	2.76	2.03	22.26
1972	Below Normal	1.12	0.88	0.75	0.68	0.95	1.35	1.65	2.64	3.22	3.36	2.83	2.09	21.52
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	2.04	2.54	3.14	3.24	2.81	2.09	22.90
1976	Critical	1.42	1.22	1.00	0.39	0.37	0.60	1.63	2.69	3.26	3.41	2.87	2.11	20.97
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	2.11	2.80	3.49	4.29	4.43	3.85	2.89	27.85
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	0.89	0.70	1.52	1.94	2.42	2.99	3.10	2.68	2.00	22.91
1997	Wet	1.35	1.16	0.95	1.15	1.16	2.03	2.36	2.95	3.65	3.77	3.26	2.43	26.22
1998	Wet	1.64	1.40	1.14	0.36	1.03	1.69	2.12	2.65	3.28	3.39	2.93	2.19	23.82
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	1.17	1.82	2.64	3.23	3.36	2.86	2.12	22.02
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	3.19	2.73	2.00	20.61
	Wet	1.40	1.11	1.02	0.92	1.06	1.74	2.25	2.90	3.58	3.70	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	1.34	1.11	0.94	0.48	0.53	1.09	1.73	2.60	3.09	3.32	2.83	2.10	21.18
	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	0.84	1.22	1.81	1.89	1.63	1.10	11.71

Difference in Energy Use (GWh) At Pumping Plant at Badger Hill: Alternative5_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	0.05	0.07	0.12	0.30	0.15	0.16	0.11	0.09	0.09
1935	Below Normal	0.11	0.08	0.04	0.00	0.00	0.00	(0.05)	0.03	0.04	0.04	0.03	0.01	0.03
1936	Below Normal	(0.04)	(0.05)	(0.03)	0.01	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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)	(0.42)	(0.34)	(0.23)	(0.26)
1940	Above Normal	(0.07)	(0.03)	(0.02)	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)	(0.01)	(0.01)
1942	Wet	(0.01)	(0.01)	0.00	0.01	0.00	(0.01)	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)	(0.01)	(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	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	(0.04)	(0.04)	(0.05)	0.01	(0.04)	(0.04)	(0.05)	(0.04)	(0.03)	(0.03)
1971	Wet	(0.02)	(0.01)	(0.01)	0.01	0.01	0.05	0.01	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	0.00
1972	Below Normal	0.01	0.01	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	(0.26)	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	(0.04)	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	0.02	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	0.00	0.00
1997	Wet	(0.01)	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	0.01	(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	(0.01)	(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	0.01	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)
	Wet	(0.01)	(0.06)	0.04	0.00	0.01	0.01	0.01	(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	0.00	(0.00)	(0.00)	0.00	(0.00)	(0.01)	(0.01)	(0.00)	(0.01)	(0.00)	(0.01)	(0.00)	(0.00)
	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	0.01	0.01	0.03	0.01	0.01	0.01	0.01	0.01

Percent Difference in Energy Use (GWh) At Pumping Plant at Badger Hill: Alternative5_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%	25%	17%	13%	25%	7%	7%	5%	13%
1935	Below Normal	14%	12%	6%	0%	0%	0%	-2%	1%	1%	1%	1%	0%
1936	Below Normal	-3%	-4%	-3%	6%	2%	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%	-11%	-10%
1940	Above Normal	-6%	-4%	-3%	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	-1%	-1%	0%	1%	0%	-1%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	-1%	-1%	0%	0%	-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	0%	0%	0%	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%	-3%	-4%	-3%	1%	-2%	-1%	-2%	-1%	-1%
1971	Wet	-1%	-1%	-1%	1%	1%	4%	1%	-1%	-1%	-1%	0%	0%
1972	Below Normal	1%	1%	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%	2%	-1%	-1%	-1%	0%	-1%	0%	0%	0%
1997	Wet	-1%	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%	-1%	-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	0%	-2%	2%	1%	2%	2%	0%	0%	0%	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%	0%	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%	2%	2%	1%	2%	1%	1%	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: Alternative5_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	39.25	40.70	40.43	37.80	473.04
1923	Below Normal	33.50	30.30	29.02	48.17	48.23	38.61	33.92	39.23	39.21	41.85	42.24	37.26	461.54
1924	Critical	29.44	25.95	21.38	9.62	10.28	12.43	19.08	23.33	23.72	23.75	21.43	18.21	238.62
1925	Dry	9.44	7.12	6.08	2.32	5.87	22.39	34.68	44.90	45.36	48.45	49.42	42.90	318.93
1926	Dry	33.25	29.46	23.30	4.47	7.20	16.20	25.44	37.10	37.38	39.88	40.69	35.29	329.66
1927	Wet	26.88	23.65	18.50	5.49	22.07	43.32	41.35	42.56	41.75	43.13	42.80	40.42	391.92
1928	Above Normal	36.72	33.44	32.64	25.79	30.99	23.04	47.01	48.08	47.03	48.58	48.33	45.75	467.40
1929	Critical	41.98	38.53	37.68	25.94	24.25	15.07	17.77	25.56	26.00	26.08	23.59	4.04	306.49
1930	Dry	12.22	14.56	12.71	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	28.24	28.81	28.94	26.10	22.14	226.69
1932	Dry	12.10	8.82	7.51	4.27	9.04	30.28	25.62	34.28	34.50	36.70	37.03	32.11	272.26
1933	Critical	23.71	20.66	16.03	4.30	35.82	13.71	22.72	33.84	34.47	35.69	34.31	29.48	304.74
1934	Critical	19.52	15.96	12.30	4.33	7.36	18.25	24.10	33.47	34.07	34.88	30.68	1.47	236.39
1935	Below Normal	28.23	24.72	19.19	4.37	8.90	16.33	43.02	46.48	46.38	48.56	48.81	44.32	379.31
1936	Below Normal	37.73	34.07	30.86	16.61	19.58	57.48	40.87	47.06	46.15	47.68	47.37	44.77	470.23
1937	Below Normal	40.98	37.47	36.63	27.26	49.39	49.07	50.90	56.61	55.57	57.41	57.13	54.09	572.51
1938	Wet	50.20	46.18	45.30	30.77	49.54	57.62	58.17	58.90	57.93	59.99	59.54	56.26	630.40
1939	Dry	52.43	48.03	47.22	36.26	34.95	25.04	33.52	38.45	1.65	49.59	25.25	41.79	434.18
1940	Above Normal	13.23	8.77	45.86	4.25	6.02	20.33	38.11	45.24	35.22	48.82	52.45	45.61	363.91
1941	Wet	35.49	31.49	24.94	15.47	35.83	41.88	45.58	46.74	45.91	47.47	47.07	44.44	462.31
1942	Wet	40.66	37.07	36.29	48.87	49.52	49.88	35.65	38.85	38.74	40.88	40.98	36.86	494.25
1943	Wet	30.43	27.06	23.74	36.37	44.78	41.79	50.34	51.57	50.68	52.41	52.01	49.18	510.36
1944	Dry	45.32	0.36	57.39	17.71	16.87	16.55	29.17	34.65	35.05	36.45	35.38	30.52	355.42
1945	Below Normal	20.60	17.09	13.25	7.23	8.89	53.61	40.72	45.75	44.93	46.42	46.08	43.57	388.14
1946	Below Normal	39.79	36.33	35.49	49.34	49.54	55.10	35.57	37.35	36.79	38.33	38.10	35.34	487.07
1947	Dry	30.78	27.69	26.12	22.27	25.06	20.80	46.96	47.97	46.93	48.41	48.17	45.65	436.81
1948	Below Normal	41.89	38.43	37.58	23.14	21.77	14.41	23.07	19.53	4.96	52.66	53.37	46.62	377.43
1949	Dry	36.20	32.32	25.62	6.87	8.44	14.61	41.33	46.75	47.11	50.00	30.42	50.77	390.44
1950	Below Normal	39.43	18.76	24.26	5.71	6.29	12.51	35.21	40.52	1.57	52.30	52.69	45.68	334.93
1951	Above Normal	35.34	31.23	24.84	51.12	49.55	57.36	35.23	41.70	41.03	42.30	41.92	39.55	491.17
1952	Wet	35.82	32.49	31.72	48.73	51.32	57.16	46.54	45.65	44.76	46.36	45.96	43.39	529.90
1953	Wet	39.66	36.01	35.24	50.53	49.52	45.05	33.63	39.42	39.56	42.39	42.82	37.50	491.33
1954	Above Normal	29.14	25.62	20.56	8.92	32.84	23.78	36.53	43.02	43.29	46.42	47.18	40.97	398.27
1955	Dry	31.57	27.84	21.85	5.78	9.98	18.99	34.07	39.39	39.60	42.39	43.15	37.46	352.07
1956	Wet	28.61	25.21	19.79	27.64	51.34	57.73	41.92	47.11	46.45	47.89	47.47	44.83	485.99
1957	Above Normal	41.00	37.30	36.52	32.42	31.51	32.78	37.92	44.58	30.20	50.13	52.41	45.66	472.43
1958	Wet	35.34	31.42	24.84	4.90	40.19	42.81	57.09	58.74	57.87	59.71	59.38	56.14	528.43
1959	Below Normal	52.22	15.78	55.19	22.35	23.48	23.44	32.78	37.46	1.69	48.40	48.65	42.16	403.60
1960	Dry	32.37	28.50	22.54	4.27	5.14	14.13	41.93	47.48	36.54	53.13	42.02	50.97	379.02
1961	Dry	41.23	36.96	30.90	8.67	10.16	12.35	33.97	38.99	39.43	42.05	34.55	22.70	351.96
1962	Below Normal	0.58	32.98	37.46	4.46	5.47	18.77	35.94	41.87	3.79	53.42	54.04	47.01	335.79
1963	Wet	36.48	32.44	25.82	29.91	35.44	35.97	35.40	38.05	37.57	39.27	39.15	36.04	421.54
1964	Dry	30.98	27.76	25.67	23.29	50.85	37.55	38.75	40.58	40.13	41.86	41.72	38.51	437.65
1965	Wet	33.56	30.19	28.23	34.33	48.19	43.74	36.98	39.18	24.81	43.23	43.14	39.54	445.12
1966	Below Normal	33.95	30.50	27.97	43.47	45.88	35.01	34.56	39.33	39.39	41.78	42.19	37.27	451.30
1967	Wet	29.68	26.20	21.80	10.56	48.32	47.63	56.35	58.19	57.37	59.24	58.87	55.67	529.88
1968	Below Normal	51.69	41.93	49.70	22.12	27.27	24.67	33.53	38.53	2.16	49.60	49.80	43.24	434.24
1969	Wet	33.21	29.31	23.18	27.45	49.56	57.50	50.60	56.20	55.43	57.19	56.78	53.66	550.07
1970	Wet	49.67	45.39	44.60	51.12	49.54	57.04	47.20	40.45	39.79	41.04	40.63	38.29	544.76
1971	Wet	34.61	31.35	30.60	48.62	49.52	43.29	34.60	39.27	39.31	41.67	41.94	37.29	472.07
1972	Below Normal	30.06	26.64	22.61	18.68	38.85	35.25	36.24	41.16	41.44	44.06	44.58	39.09	418.66
1973	Above Normal	30.71	27.13	22.07	8.59	43.70	44.07	37.70	43.81	43.13	44.36	44.01	41.54	430.82
1974	Wet	37.81	34.37	33.60	49.54	49.58	57.36	54.15	44.32	43.76	45.03	44.63	42.13	536.28
1975	Wet	38.37	34.78	34.00	42.18	35.98	49.69	42.26	43.22	42.47	43.74	43.42	41.05	491.16
1976	Critical	37.28	33.97	33.18	26.75	28.03	24.93	37.42	43.42	37.28	48.17	34.96	47.02	432.41
1977	Critical	36.42	32.34	20.62	4.38	5.27	8.25	14.19	3.37	0.00	2.65	2.41	2.68	132.58
1978	Above Normal	0.63	18.59	30.83	4.11	9.99	36.16	40.25	44.22	44.03	46.19	46.39	42.07	363.46
1979	Below Normal	35.75	32.07	28.91	18.82	19.43	46.36	41.98	43.08	42.27	43.54	43.24	40.91	436.36
1980	Above Normal	37.16	33.86	33.07	39.97	51.33	57.52	42.71	49.40	48.64	50.29	49.88	47.11	540.94
1981	Dry	43.33	39.42	38.64	31.72	42.35	33.85	37.55	44.39	39.10	49.02	49.71	43.40	492.48
1982	Wet	33.88	30.03	24.10	27.19	37.90	42.65	55.83	57.36	56.61	58.34	57.92	54.73	536.54
1983	Wet	50.82	46.46	45.63	51.12	49.58	57.46	54.98	53.61	50.18	56.00	55.63	52.57	624.04
1984	Wet	53.26	47.28	43.92	51.12	51.31	57.35	34.67	41.51	40.73	42.16	41.75	39.39	544.45
1985	Dry	35.60	32.31	39.60	41.09	36.79	38.29	39.11	40.92	40.36	41.57	41.16	38.78	465.58
1986	Wet	35.12	31.86	31.07	26.30	27.60	57.64	56.22	58.92	57.83	59.83	59.34	56.11	557.84
1987	Dry	52.59	10.56	55.18	19.33	18.33	12.49	18.37	21.73	22.01	21.99	19.94	16.96	289.48
1988	Critical	8.78	6.67	5.71	2.04	7.78	8.39	14.51	17.64	17.65	17.89	16.07	13.64	136.77
1989	Dry	6.92	5.17	4.46	2.46	8.08	11.22	43.78	46.99	46.68	48.92	44.31	46.04	315.03
1990	Critical	39.72	35.95	32.93	17.40	17.17	14.52	20.84	24.97	25.48	25.55	23.06	19.62	297.21
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	18.86	22.46	22.69	22.74	20.06	17.75	155.33
1993	Above Normal	7.05	5.10	8.52	3.77	36.16	37.83	37.51	40.89	16.50	47.49	47.77	43.16	331.75
1994	Critical	36.10	32.38	28.55	16.38	17.80	23.13	37.48	43.31	30.09	49.67	11.65	31.42	357.96
1995	Wet	2.71	25.48	47.16	4.42	28.12	26.55	52.47	53.81	52.87	49.48	55.39	52.44	450.90
1996	Wet	28.02	0.36	27.87	22.09	20.42	37.34	40.19	40.81	40.02	41.35	41.02	38.69	378.18
1997	Wet	35.01	31.86	31.09	48.22	49.55	57.51	46.49	47.83	47.03	48.54	48.16	45.49	536.78
1998	Wet	41.65	37.93	37.14	32.13	49.52	56.01	44.60	43.88	43.04	44.62	44.32	41.83	516.67
1999	Wet	38.03	39.97	38.37	49.58	49.55	44.86	34.86	41.26	40.51	42.02	41.67	39.25	499.93
2000	Above Normal	35.52	32.23	31.45	29.35	46.86	36.39	38.91	42.54	42.30	44.74	44.97	40.59	465.85
2001	Dry	33.94	30.44	27.06	15.09	15.16	15.32	26.82	32.81	33.63	34.00	31.23	26.66	322.16
2002	Dry	15.58	11.88	9.34	4.45	10.02	18.43	44.81	45.73	44.67	46.35	28.14	48.12	327.52
2003	Above Normal	12.57	13.93	42.75	6.68	11.58	19.17	33.08	38.10	1.41	49.30	49.54	42.95	321.06
	Average	32.02	27.70	28.78	21.78	28.93	33.07	37.31	40.94	36.51	43.64	41.73	38.86	411.27
	Wet	35.96	32.53	31.87	33.64	43.22	48.72	45.70	47.21	45.88	48.19	48.15	45.12	506.20
	Above Normal	28.27	26.57	30.90	18.76	32.03	35.61	38.63	43.45	36.00	46.61	47.11	42.73	426.68
	Below Normal	34.74	29.79	32.01	22.27	26.64	34.33	37.02	41.00	29.02	47.57	47.74	42.95	425.08
	Dry	30.88	23.29	26.73	14.14	17.85	20.55	34.69	39.84	36.94	42.58	37.57	37.66	362.73
	Critical	25.77	22.56	19.27	9.97	14.17	13.96	22.09	26.41	24.80	27.80	21.68	18.41	246.88

Difference in Energy Use (GWh) At Pumping Plant at Buena Vista: Alternative5_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	(0.02)	(0.24)	0.00	0.03	0.03	0.05	0.05	0.03	(0.01)
1924	Critical	(0.01)	(0.01)	(0.05)	(0.13)	(0.12)	(0.03)	0.01	0.01	0.00	0.01	0.01	0.00	(0.03)
1925	Dry	0.01	0.00	0.00	0.00	0.00	(0.13)	0.02	0.03	0.03	0.03	0.03	0.02	0.00
1926	Dry	0.02	0.02	0.02	0.00	(0.01)	(0.01)	(0.03)	(0.02)	(0.03)	(0.03)	(0.02)	(0.02)	(0.01)
1927	Wet	(0.02)	(0.01)	(0.01)	0.00	(0.02)	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.01	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	(0.01)
1930	Dry	0.00	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1932	Dry	0.00	(0.01)	(0.01)	(0.01)	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.05
1933	Critical	0.00	0.00	0.00	0.00	(0.62)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)
1934	Critical	0.00	0.00	0.00	0.00	1.11	5.43	(2.45)	1.03	0.78	1.52	11.57	0.00	1.58
1935	Below Normal	(0.82)	1.91	2.08	0.03	(0.05)	(0.16)	(0.53)	0.19	0.36	0.59	0.73	0.20	0.38
1936	Below Normal	(0.54)	(0.62)	(1.29)	(2.28)	(2.11)	0.00	(0.01)	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.57)
1937	Below Normal	0.00	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.01	0.01	0.00	0.00
1938	Wet	0.01	0.00	0.00	(0.67)	(0.01)	(0.08)	0.98	0.36	0.07	0.41	0.37	0.28	0.14
1939	Dry	0.44	0.42	0.43	2.38	(1.26)	(4.10)	(5.52)	(6.69)	(10.79)	(3.73)	3.68	(7.12)	(2.66)
1940	Above Normal	2.17	0.36	0.55	(0.03)	0.02	0.01	0.01	0.01	0.07	(0.07)	0.01	0.01	0.26
1941	Wet	0.01	0.01	0.01	(0.02)	0.00	(0.22)	(0.21)	(0.22)	(0.22)	(0.22)	(0.22)	(0.22)	(0.13)
1942	Wet	(0.21)	(0.20)	(0.20)	(0.02)	0.00	(0.28)	0.00	0.01	0.01	0.01	0.01	0.01	(0.07)
1943	Wet	0.00	0.00	(0.01)	(0.04)	(0.38)	(0.33)	(0.24)	(0.26)	(0.26)	(0.27)	(0.27)	(0.25)	(0.19)
1944	Dry	(0.24)	(0.61)	0.58	(1.44)	(1.28)	(0.41)	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.29)
1945	Below Normal	0.00	0.00	0.00	0.01	0.00	(3.84)	0.06	0.06	0.07	0.06	0.07	0.06	(0.29)
1946	Below Normal	0.06	0.06	0.06	(0.01)	0.00	(0.10)	(0.13)	0.07	0.11	0.18	0.21	0.07	0.05
1947	Dry	(0.14)	(0.15)	(0.34)	(0.71)	0.05	(0.66)	0.12	0.13	0.13	0.14	0.14	0.13	(0.10)
1948	Below Normal	0.13	0.12	0.12	(0.94)	(0.84)	(0.31)	0.01	0.27	(0.04)	0.03	0.00	0.08	(0.11)
1949	Dry	0.05	0.03	(0.11)	(0.02)	(0.02)	(0.03)	(0.10)	0.01	0.04	0.07	(0.28)	0.12	(0.02)
1950	Below Normal	0.08	0.13	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.01
1952	Wet	0.03	0.04	0.03	0.00	0.00	0.00	(0.20)	(7.92)	(7.91)	(8.12)	(8.11)	(7.70)	(3.32)
1953	Wet	(7.59)	(7.08)	(7.06)	0.35	7.81	16.05	1.28	1.16	23.06	(3.53)	(3.49)	(2.82)	1.51
1954	Above Normal	(1.72)	(1.62)	(0.86)	2.22	8.68	1.92	(0.17)	(0.03)	2.45	1.05	(0.93)	(0.85)	0.85
1955	Dry	(0.69)	(0.65)	(0.56)	(0.20)	0.26	0.44	0.75	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	0.12	0.13	0.13	0.12	(0.22)
1957	Above Normal	0.12	0.11	0.11	0.03	(0.01)	(0.57)	(0.01)	(0.02)	(0.56)	0.02	0.11	0.11	(0.05)
1958	Wet	0.08	0.07	0.04	(0.01)	(0.03)	(0.03)	(0.03)	(0.02)	(0.03)	(0.02)	(0.02)	(0.01)	0.00
1959	Below Normal	(0.03)	(0.50)	(0.04)	0.04	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1960	Dry	0.00	0.00	0.00	0.01	0.01	(0.05)	0.01	0.01	0.04	0.00	0.14	(0.05)	0.01
1961	Dry	(0.04)	(0.03)	(0.02)	0.02	0.01	0.00	0.00	0.00	0.01	0.00	(0.01)	0.01	0.00
1962	Below Normal	0.00	(0.08)	(0.10)	0.00	0.00	0.01	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.02)
1963	Wet	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.05	0.00	0.01	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	(0.07)	0.02	0.02	0.01	0.00
1966	Below Normal	0.01	0.00	0.00	(0.03)	(0.03)	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)
1967	Wet	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
1968	Below Normal	0.00	(5.36)	3.25	(2.08)	(2.45)	(0.63)	0.14	0.17	0.27	0.13	0.15	0.14	(0.52)
1969	Wet	0.13	0.14	0.12	(0.11)	(0.01)	0.00	(1.16)	1.28	0.05	0.06	0.06	0.06	0.05
1970	Wet	0.06	0.05	0.05	0.00	(0.01)	(0.32)	7.87	(0.52)	(0.53)	(0.54)	(0.54)	(0.51)	0.42
1971	Wet	(0.50)	(0.45)	(0.45)	(0.05)	0.00	0.68	0.03	(0.18)	(0.21)	(0.28)	(0.33)	(0.18)	(0.16)
1972	Below Normal	0.05	0.08	0.27	1.05	0.33	0.29	0.07	0.03	0.03	0.01	0.00	0.03	0.19
1973	Above Normal	0.08	0.08	0.12	0.20	0.00	(0.16)	0.16	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	0.03
1974	Wet	(0.02)	(0.02)	(0.01)	(0.01)	0.00	(0.01)	(0.33)	(0.13)	(0.12)	(0.13)	(0.12)	(0.12)	(0.08)
1975	Wet	(0.11)	(0.10)	(0.11)	0.25	0.08	(0.07)	(0.03)	(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.02)
1976	Critical	(0.03)	(0.03)	(0.03)	0.00	0.01	0.04	0.07	0.08	0.17	0.06	(0.08)	0.12	0.03
1977	Critical	0.08	0.08	(0.47)	0.00	0.00	0.00	0.00	(0.04)	0.00	(0.01)	0.00	0.00	(0.03)
1978	Above Normal	0.00	0.01	(0.07)	0.00	0.00	(2.50)	(0.50)	0.56	0.86	1.27	1.53	0.59	0.15
1979	Below Normal	(0.75)	(0.90)	(2.08)	(4.27)	(3.84)	(3.26)	(1.74)	(1.86)	(1.87)	(1.92)	(1.91)	(1.81)	(2.18)
1980	Above Normal	(1.79)	(1.66)	(1.65)	2.33	(0.01)	(0.04)	(9.57)	(8.49)	(8.45)	(8.68)	(8.68)	(8.28)	(4.58)
1981	Dry	(8.14)	0.22	(12.09)	7.99	18.43	11.74	3.22	3.78	35.71	(2.89)	(2.69)	(2.15)	4.43
1982	Wet	(1.29)	(1.16)	(0.68)	1.50	1.13	(0.03)	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.05)
1983	Wet	(0.01)	(0.01)	(0.02)	0.00	0.00	0.00	4.35	(0.21)	(4.16)	0.00	0.00	0.00	(0.01)
1984	Wet	0.00	0.00	(11.39)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.95)
1985	Dry	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	(5.77)	(0.07)	2.72	0.13	0.00	0.11	0.07	0.08	(0.23)
1987	Dry	0.22	(4.88)	0.00	(0.01)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.40)
1988	Critical	(0.01)	(0.01)	(0.01)	0.00	0.01	0.00	0.00	0.18	0.19	0.20	0.18	0.15	0.07
1989	Dry	0.08	0.07	0.06	(0.02)	(0.01)	(0.07)	(0.08)	0.05	0.08	0.12	(2.36)	0.73	(0.11)
1990	Critical	0.56	0.51	0.36	(0.41)	(0.29)	(0.05)	0.14	0.19	0.20	0.20	0.18	0.16	0.15
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	(0.29)	(0.38)	(0.41)	(0.40)	(0.30)	(0.34)	(0.18)
1993	Above Normal	0.40	0.00	(0.62)	(0.31)	0.06	0.11	0.02	(0.03)	0.50	(0.19)	(0.22)	(0.12)	(0.03)
1994	Critical	(0.03)	(0.01)	0.01	0.22	0.19	0.02	(0.04)	(0.05)	0.74	(0.23)	0.00	(0.02)	0.07
1995	Wet	(0.16)	(0.05)	0.03	0.00	0.00	0.00	0.00	0.00	0.00	(5.13)	1.04	1.00	(0.27)
1996	Wet	(19.56)	(22.17)	(9.67)	0.81	(0.34)	(0.25)	(0.17)	(0.18)	(0.18)	(0.18)	(0.18)	(0.18)	(4.35)
1997	Wet	(0.17)	(0.16)	(0.16)	(0.01)	0.00	0.00	(0.01)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.05)
1998	Wet	(0.01)	(0.02)	(0.02)	(0.04)	0.00	(0.43)	0.44	(0.26)	(0.25)	(0.27)	(0.26)	(0.25)	(0.11)
1999	Wet	(0.24)	(0.23)	(0.07)	(0.03)	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	(0.05)
2000	Above Normal	0.00	0.00	0.00	0.00	(0.04)	(0.42)	(0.07)	0.07	0.10	0.15	0.18	0.08	0.00
2001	Dry	(0.06)	(0.09)	(0.21)	(0.50)	(0.42)	(0.12)	0.02	0.01	0.01	0.02	0.04	0.04	(0.10)
2002	Dry	0.05	0.05	0.03	0.02	0.00	(0.01)	(0.06)	(0.06)	(0.06)	(0.06)	(0.70)	(0.21)	(0.08)
2003	Above Normal	1.37	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12
	Average	(0.46)	(0.53)	(0.50)	(0.00)	0.22	0.21	(0.01)	(0.20)	0.38	(0.36)	(0.12)	(0.34)	(0.14)
	Wet	(1.11)	(1.18)	(1.12)	(0.14)	0.09	0.56	0.59	(0.27)	0.36	(0.69)	(0.46)	(0.41)	(0.31)
	Above Normal	0.05	(0.23)	(0.20)	0.37	0.72	(0.14)	(0.84)	(0.66)	(0.42)	(0.54)	(0.67)	(0.70)	(0.27)
	Below Normal	(0.13)	(0.37)	0.17	(0.61)	(0.64)	(0.59)	(0.15)	(0.07)	(0.07)	(0.06)	(0.05)	(0.09)	(0.22)
	Dry	(0.47)	(0.31)	(0.68)	0.42	0.87	0.40	(0.09)	(0.10)	1.45	(0.30)	(0.06)	(0.42)	0.06
	Critical	0.06	0.05	(0.01)	(0.03)	0.02	0.45	(0.21)	0.08	0.14	0.11	0.96	0.00	0.14

Percent Difference in Energy Use (GWh) At Pumping Plant at Buena Vista: Alternative5_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%	-1%	-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%	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%	2%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	18%	42%	-9%	3%	2%	5%	61%	0%
1935	Below Normal	-3%	8%	12%	1%	-1%	-1%	-1%	0%	1%	1%	2%	0%
1936	Below Normal	-1%	-2%	-4%	-12%	-10%	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%	-2%	0%	0%	2%	1%	0%	1%	1%	1%
1939	Dry	1%	1%	1%	7%	-3%	-14%	-14%	-15%	-87%	-7%	17%	-15%
1940	Above Normal	20%	4%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1942	Wet	-1%	-1%	-1%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	-1%	-1%	0%	-1%	-1%	-1%	-1%	-1%
1944	Dry	-1%	-63%	1%	-8%	-7%	-2%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1947	Dry	0%	-1%	-1%	-3%	0%	-3%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-4%	-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%	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%	-15%	-15%	-15%	-15%	-15%
1953	Wet	-16%	-16%	-17%	1%	19%	55%	4%	3%	140%	-8%	-8%	-7%
1954	Above Normal	-6%	-6%	-4%	33%	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%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	-2%	0%	0%	-2%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	-3%	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%	-11%	7%	-9%	-8%	-2%	0%	0%	14%	0%	0%	0%
1969	Wet	0%	0%	1%	0%	0%	0%	-2%	2%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	-1%	20%	-1%	-1%	-1%	-1%	-1%
1971	Wet	-1%	-1%	-1%	0%	0%	2%	0%	0%	-1%	-1%	-1%	0%
1972	Below Normal	0%	0%	1%	6%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	-1%	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%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	-2%	0%	0%	0%	0%	-1%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	-6%	-1%	1%	2%	3%	3%	1%
1979	Below Normal	-2%	-3%	-7%	-18%	-17%	-7%	-4%	-4%	-4%	-4%	-4%	-4%
1980	Above Normal	-5%	-5%	-5%	6%	0%	0%	-18%	-15%	-15%	-15%	-15%	-15%
1981	Dry	-16%	1%	-24%	34%	77%	53%	9%	9%	>1,000%	-6%	-5%	-5%
1982	Wet	-4%	-4%	-3%	6%	3%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	9%	0%	-8%	0%	0%	0%
1984	Wet	0%	0%	-21%	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%	-17%	0%	5%	0%	0%	0%	0%	0%
1987	Dry	0%	-32%	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%	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%	-2%	-2%	-2%	-2%	-1%	-2%
1993	Above Normal	6%	0%	-7%	-8%	0%	0%	0%	0%	3%	0%	0%	0%
1994	Critical	0%	0%	0%	1%	1%	0%	0%	0%	3%	0%	0%	0%
1995	Wet	-6%	0%	0%	0%	0%	0%	0%	0%	0%	-9%	2%	2%
1996	Wet	-41%	-98%	-26%	4%	-2%	-1%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	-1%	1%	-1%	-1%	-1%	-1%	-1%
1999	Wet	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	-3%	-3%	-1%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
2003	Above Normal	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-1%	-3%	-1%	0%	1%	1%	0%	0%	0%	-1%	0%	-1%
	Wet	-3%	-5%	-3%	0%	0%	2%	1%	0%	4%	-1%	-1%	-1%
	Above Normal	2%	0%	-1%	3%	3%	0%	-2%	-1%	0%	-1%	-1%	-1%
	Below Normal	0%	-1%	1%	-3%	-3%	-1%	0%	0%	1%	0%	0%	0%
	Dry	-1%	-5%	-1%	1%	4%	2%	0%	0%	-5%	-1%	0%	-1%
	Critical	0%	0%	0%	0%	1%	4%	-1%	0%	0%	0%	5%	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: Alternative5_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	98.38	101.94	102.14	97.37	1,214.74
1923	Below Normal	86.38	79.34	76.04	127.05	126.67	100.25	85.68	98.20	96.64	103.38	105.69	94.68	1,180.00
1924	Critical	74.99	67.57	55.72	25.16	26.85	31.87	48.58	58.17	58.27	57.91	52.54	45.98	603.61
1925	Dry	23.61	18.29	15.73	5.91	15.20	57.43	87.79	112.77	112.53	120.50	124.41	109.28	803.45
1926	Dry	84.91	76.77	60.74	11.57	18.68	41.22	64.77	93.13	92.68	99.11	102.36	89.81	835.75
1927	Wet	68.56	61.56	48.18	14.20	57.59	112.79	106.60	108.82	105.09	108.43	108.45	104.40	1,004.67
1928	Above Normal	94.94	87.66	85.59	67.81	81.15	59.18	121.47	123.31	118.92	122.70	122.96	118.42	1,204.11
1929	Critical	108.79	101.11	98.91	68.29	63.75	39.10	45.24	63.80	63.94	63.71	57.95	8.41	783.00
1930	Dry	30.86	37.90	33.21	10.85	17.98	29.00	72.69	85.12	85.97	87.83	84.51	74.19	650.11
1931	Critical	47.93	39.78	30.60	10.86	17.53	31.22	59.22	70.43	70.82	70.65	64.06	55.98	569.08
1932	Dry	30.40	22.71	19.47	11.03	23.37	78.26	64.74	86.00	85.44	91.06	92.97	81.68	687.13
1933	Critical	60.38	53.74	41.72	11.12	94.18	34.96	57.42	84.63	85.04	87.87	85.28	74.81	771.15
1934	Critical	49.53	41.40	31.96	11.22	19.09	46.95	60.97	83.66	83.98	85.66	75.64	3.49	593.55
1935	Below Normal	70.90	64.06	49.85	11.30	23.11	41.50	110.43	118.17	116.36	121.85	123.62	113.97	965.12
1936	Below Normal	97.21	89.15	80.81	43.63	51.16	150.17	105.20	120.44	116.34	120.08	120.20	115.74	1,210.13
1937	Below Normal	106.05	98.29	96.11	71.74	130.07	127.43	131.30	145.22	140.56	145.05	145.38	140.08	1,477.28
1938	Wet	130.15	121.22	118.95	80.93	130.07	150.41	150.01	150.63	145.85	150.88	150.93	145.43	1,625.46
1939	Dry	135.71	126.03	123.92	95.45	91.83	64.64	85.22	96.51	3.93	122.50	59.75	105.82	1,111.31
1940	Above Normal	31.66	22.02	120.22	11.01	15.59	51.64	96.91	113.64	85.73	121.45	132.38	116.42	918.67
1941	Wet	90.81	82.11	65.07	40.62	93.90	108.96	117.41	119.37	115.36	119.14	119.10	114.73	1,186.58
1942	Wet	105.09	97.19	95.19	128.89	130.07	130.18	90.85	97.80	95.97	101.39	102.80	94.09	1,269.51
1943	Wet	77.87	70.62	62.00	95.90	117.53	108.76	129.64	131.68	127.32	131.51	131.58	126.98	1,311.39
1944	Dry	117.13	0.75	150.29	46.56	44.27	42.64	74.20	86.75	86.57	89.90	88.15	77.51	904.72
1945	Below Normal	52.32	44.37	34.45	18.78	23.06	139.98	104.80	117.07	113.22	116.85	116.89	112.62	994.41
1946	Below Normal	102.96	95.26	93.12	130.15	130.07	143.94	90.98	94.79	91.79	95.56	95.89	90.77	1,255.28
1947	Dry	79.18	72.43	68.37	58.51	65.63	52.77	121.38	123.07	118.71	122.32	122.58	118.19	1,123.14
1948	Below Normal	108.57	100.83	98.65	60.87	57.20	37.37	58.74	46.54	6.81	132.60	135.64	119.61	963.43
1949	Dry	93.06	84.44	66.96	17.85	21.91	37.24	105.42	117.83	117.25	124.66	74.28	130.22	991.12
1950	Below Normal	101.29	48.55	63.28	14.86	16.33	32.00	89.54	101.73	3.71	129.26	131.89	115.89	848.33
1951	Above Normal	89.88	81.28	64.69	134.85	130.07	149.81	90.34	106.28	102.81	105.85	105.80	101.94	1,263.60
1952	Wet	92.42	85.11	83.14	128.53	134.71	149.26	119.95	116.44	112.23	116.13	116.10	111.91	1,365.93
1953	Wet	102.40	94.38	92.41	133.28	130.07	117.13	84.93	98.44	97.30	104.55	107.01	95.13	1,257.03
1954	Above Normal	74.10	66.65	53.51	23.27	86.04	60.76	92.66	107.67	106.90	114.96	118.35	104.09	1,008.96
1955	Dry	80.41	72.46	56.91	14.96	25.76	48.24	86.63	98.90	98.17	105.37	108.57	95.37	891.75
1956	Wet	72.99	65.64	51.56	72.85	134.71	150.58	107.58	120.13	116.50	119.94	119.88	115.64	1,248.00
1957	Above Normal	105.87	97.78	95.77	85.30	82.71	84.52	96.35	111.85	72.41	124.85	132.23	116.51	1,206.15
1958	Wet	90.40	81.92	64.81	12.65	105.38	111.40	147.19	150.22	145.74	150.18	150.53	145.12	1,355.54
1959	Below Normal	135.17	40.87	144.97	58.71	61.37	59.97	83.36	94.01	4.02	119.56	121.71	106.92	1,030.64
1960	Dry	82.29	74.13	58.66	11.05	13.29	36.11	107.00	119.76	89.32	132.90	104.89	130.76	960.16
1961	Dry	106.03	96.60	80.82	22.66	26.53	31.66	86.39	97.88	97.76	104.52	85.88	56.41	893.14
1962	Below Normal	1.26	84.87	97.24	11.54	14.16	47.68	91.42	105.14	3.86	133.90	136.84	120.29	848.20
1963	Wet	93.54	84.66	67.42	78.82	92.87	93.48	90.35	96.39	93.59	97.80	98.48	92.44	1,079.84
1964	Dry	79.59	72.58	67.17	61.19	133.50	97.41	99.50	103.16	100.45	104.75	105.37	99.02	1,123.69
1965	Wet	86.43	79.01	73.94	90.43	126.53	114.02	94.67	99.18	59.71	108.08	108.88	101.56	1,142.44
1966	Below Normal	87.35	79.78	73.21	114.64	120.47	90.79	87.50	98.54	97.18	103.29	105.62	94.78	1,153.15
1967	Wet	75.66	68.24	56.83	27.60	126.78	124.02	145.24	148.78	144.41	148.96	149.20	143.88	1,359.60
1968	Below Normal	133.77	109.91	130.49	58.12	71.34	63.16	85.27	96.74	4.16	122.94	124.92	109.88	1,110.70
1969	Wet	84.58	76.30	60.38	72.34	130.07	149.96	130.04	143.48	139.25	143.49	143.63	138.55	1,412.07
1970	Wet	128.41	119.05	117.01	134.85	130.07	149.02	121.93	103.09	99.70	102.69	102.54	98.69	1,407.05
1971	Wet	89.29	82.12	80.19	128.25	130.07	112.63	87.67	98.62	97.20	103.21	105.12	95.01	1,209.38
1972	Below Normal	76.75	69.43	58.98	49.06	101.92	91.46	91.99	103.09	102.29	109.00	111.69	99.37	1,065.03
1973	Above Normal	78.25	70.64	57.50	22.37	114.62	114.74	96.86	111.91	108.42	111.36	111.36	107.23	1,105.26
1974	Wet	97.71	90.09	88.10	130.68	130.07	149.67	140.02	112.97	109.66	112.68	112.63	108.61	1,382.89
1975	Wet	99.02	91.13	89.14	111.17	94.33	129.63	108.92	110.46	106.85	109.91	109.97	106.01	1,266.54
1976	Critical	96.39	89.06	87.02	70.34	73.53	64.04	95.13	109.04	91.44	120.01	86.42	120.28	1,102.70
1977	Critical	93.37	84.39	53.68	11.33	13.65	21.11	36.16	6.49	0.00	6.50	5.95	3.66	336.29
1978	Above Normal	1.40	44.50	78.62	10.64	25.78	93.85	102.96	112.24	110.20	115.65	117.27	108.03	921.14
1979	Below Normal	92.00	83.87	75.66	49.42	50.83	120.84	108.29	110.22	106.51	109.58	109.66	105.71	1,122.59
1980	Above Normal	96.13	88.77	86.73	105.35	134.71	150.02	109.67	126.09	122.13	126.12	126.14	121.60	1,393.46
1981	Dry	111.96	103.34	101.33	83.47	111.14	87.41	95.34	111.43	95.97	121.98	125.14	110.64	1,259.15
1982	Wet	86.56	78.27	62.86	71.64	99.34	110.91	143.81	146.54	142.33	146.50	146.62	141.38	1,376.76
1983	Wet	131.42	121.85	119.73	134.85	130.07	149.86	141.61	136.65	125.41	140.36	140.62	135.69	1,608.12
1984	Wet	137.90	124.04	115.20	134.85	134.71	149.77	88.84	105.75	101.99	105.44	105.32	101.51	1,405.32
1985	Dry	91.85	84.65	103.95	108.36	96.44	99.46	100.61	104.31	101.17	104.04	103.88	99.97	1,198.69
1986	Wet	90.62	83.47	81.44	69.22	72.52	150.36	144.99	150.86	145.85	150.75	150.64	145.13	1,435.85
1987	Dry	136.21	27.10	144.97	50.81	48.13	32.33	46.82	54.20	54.09	53.62	48.93	42.83	740.04
1988	Critical	21.97	17.14	14.77	5.16	20.19	21.46	36.97	43.95	43.26	43.54	39.33	34.35	342.09
1989	Dry	17.24	13.21	11.48	6.23	20.96	28.69	112.41	119.54	117.16	122.80	111.73	118.54	799.99
1990	Critical	102.46	94.13	86.27	45.72	45.04	37.50	53.08	62.27	62.63	62.35	56.59	49.56	757.60
1991	Critical	26.25	19.98	17.11	6.49	13.73	21.17	37.95	43.19	42.59	42.78	38.74	33.98	343.96
1992	Critical	17.19	13.17	11.46	4.35	10.92	21.27	48.06	56.03	55.76	55.47	49.13	44.86	387.67
1993	Above Normal	17.37	12.96	22.16	9.73	94.79	98.43	95.78	103.18	37.22	118.83	120.69	110.72	841.86
1994	Critical	92.82	84.65	74.70	42.97	46.53	59.03	95.29	108.73	72.44	123.95	24.85	79.07	905.03
1995	Wet	4.36	66.29	123.76	11.46	73.58	68.18	135.43	137.82	133.42	124.13	140.79	135.74	1,154.96
1996	Wet	71.59	0.75	72.41	58.15	53.23	97.12	103.55	104.25	100.58	103.79	103.81	99.86	969.09
1997	Wet	90.44	83.49	81.52	127.18	130.07	150.13	119.63	122.02	118.00	121.62	121.69	117.35	1,383.14
1998	Wet	107.57	99.44	97.41	84.56	130.07	146.34	115.03	112.09	108.18	112.06	112.20	108.00	1,332.95
1999	Wet	98.28	104.88	100.70	130.78	130.07	116.79	89.34	105.13	101.45	105.10	105.13	101.17	1,288.82
2000	Above Normal	91.64	84.43	82.43	77.22	123.07	94.29	99.49	107.71	105.55	111.74	113.46	104.04	1,195.07
2001	Dry	87.18	79.57	70.77	39.62	39.75	39.42	68.27	81.90	82.78	83.20	76.95	67.51	816.92
2002	Dry	39.34	30.71	24.22	11.48	25.85	46.82	115.80	117.29	112.94	117.08	69.86	124.80	836.19
2003	Above Normal	31.21	36.15	112.32	17.33	29.94	48.69	84.11	95.65	3.28	121.84	124.00	108.96	813.48
	Average	82.21	72.30	75.28	57.28	75.84	85.80	95.55	103.64	90.82	108.87	104.91	99.59	1,052.10
	Wet	92.46	85.11	83.44	88.64	113.40	126.98	117.51	120.29	114.96	120.72	121.68	116.31	1,301.50
	Above Normal	72.20	68.98	80.69	49.29	83.93	92.25	98.83	110.09	89.33	116.44	118.90	109.61	1,090.54
	Below Normal	89.43	77.76	83.78	58.56	69.84	89.04	94.61	103.56	71.68	118.78	120.40	110.02	1,087.45
	Dry	79.28	60.76	69.94	37.09	46.68	52.82	88.61	100.53	91.83	106.01	93.90	96.25	923.69
	Critical	66.01	58.84	50.33	26.08	37.08	35.81	56.17	65.87	60.85	68.37	53.04	46.20	624.64

Difference in Energy Use (GWh) At Pumping Plant at Chrisman: Alternative5_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	(0.01)	0.00	0.00	(0.05)	(0.65)	(0.02)	0.06	0.08	0.11	0.13	0.06	(0.02)
1924	Critical	(0.03)	(0.03)	(0.12)	(0.36)	(0.32)	(0.08)	0.01	0.02	0.02	0.02	0.02	0.02	(0.07)
1925	Dry	0.01	0.01	0.00	0.01	(0.01)	(0.35)	0.06	0.06	0.06	0.07	0.07	0.06	0.00
1926	Dry	0.05	0.06	0.04	0.00	(0.02)	(0.03)	(0.07)	(0.05)	(0.06)	(0.06)	(0.06)	(0.06)	(0.02)
1927	Wet	(0.05)	(0.04)	(0.04)	0.00	(0.05)	0.00	0.00	0.00	0.01	0.01	0.01	0.00	(0.01)
1928	Above Normal	0.00	0.00	0.00	0.00	(0.08)	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00
1929	Critical	0.00	0.01	0.00	0.00	0.00	(0.01)	(0.02)	(0.02)	(0.03)	(0.03)	(0.02)	(0.02)	(0.01)
1930	Dry	(0.03)	(0.05)	0.03	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	(0.01)	0.00	(0.01)
1931	Critical	(0.01)	(0.01)	(0.01)	0.00	(0.01)	0.00	(0.02)	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)
1932	Dry	(0.02)	(0.01)	(0.01)	(0.01)	0.00	1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.13
1933	Critical	(0.01)	(0.01)	(0.01)	0.00	(1.64)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.14)
1934	Critical	0.00	0.00	0.00	0.00	2.90	14.16	(6.63)	2.72	2.08	4.16	30.70	0.00	4.17
1935	Below Normal	(2.40)	4.95	5.38	0.07	(0.14)	(0.39)	(1.59)	0.21	0.67	1.27	1.70	0.34	0.84
1936	Below Normal	(1.56)	(1.71)	(3.44)	(6.01)	(5.60)	0.00	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(1.54)
1937	Below Normal	(0.01)	0.00	(0.01)	(0.01)	0.00	(0.01)	0.01	0.00	0.00	0.00	0.01	0.00	0.00
1938	Wet	0.01	0.01	0.00	(1.75)	0.00	(0.16)	2.57	0.94	0.17	1.06	0.97	0.75	0.38
1939	Dry	1.16	1.13	1.13	6.27	(3.17)	(10.35)	(14.06)	(16.85)	(21.63)	(10.82)	8.92	(19.30)	(6.46)
1940	Above Normal	5.37	0.85	1.36	(0.07)	0.05	0.01	0.02	0.03	0.19	(0.17)	0.04	0.03	0.64
1941	Wet	0.03	0.03	0.02	(0.05)	(0.01)	(0.55)	(0.52)	(0.56)	(0.55)	(0.56)	(0.57)	(0.55)	(0.32)
1942	Wet	(0.54)	(0.51)	(0.51)	(0.07)	0.00	(0.75)	0.00	0.02	0.02	0.03	0.04	0.02	(0.19)
1943	Wet	0.00	0.00	(0.03)	(0.11)	(0.99)	(0.86)	(0.63)	(0.65)	(0.64)	(0.66)	(0.67)	(0.64)	(0.49)
1944	Dry	(0.64)	(1.04)	0.99	(3.79)	(3.39)	(1.10)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.02)	(0.76)
1945	Below Normal	(0.01)	(0.01)	(0.01)	0.01	0.00	(10.13)	0.16	0.17	0.16	0.17	0.17	0.16	(0.76)
1946	Below Normal	0.17	0.16	0.16	(0.02)	0.00	(0.26)	(0.39)	0.09	0.20	0.37	0.48	0.12	0.09
1947	Dry	(0.38)	(0.41)	(0.90)	(1.86)	0.14	(1.75)	0.33	0.33	0.33	0.34	0.34	0.33	(0.26)
1948	Below Normal	0.33	0.31	0.31	(2.49)	(2.22)	(0.81)	0.02	0.71	(0.11)	0.07	0.01	0.21	(0.31)
1949	Dry	0.11	0.09	(0.28)	(0.07)	(0.07)	(0.07)	(0.29)	(0.03)	0.04	0.13	(0.79)	0.26	(0.08)
1950	Below Normal	0.19	0.34	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.09	0.09	0.10	0.10	0.09	0.05
1952	Wet	0.09	0.08	0.08	0.00	0.00	(0.01)	(0.52)	(20.33)	(20.03)	(20.55)	(20.65)	(19.99)	(8.49)
1953	Wet	(19.73)	(18.62)	(18.56)	0.92	20.61	42.60	2.92	2.77	60.42	(9.85)	(9.66)	(7.64)	3.85
1954	Above Normal	(4.72)	(4.33)	(2.32)	5.87	22.92	5.16	(0.50)	(0.20)	6.32	2.61	(2.60)	(2.33)	2.16
1955	Dry	(1.89)	(1.75)	(1.48)	(0.55)	0.69	1.12	1.92	2.30	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	0.32	0.33	0.34	0.33	(0.60)
1957	Above Normal	0.32	0.31	0.31	0.07	(0.01)	(1.52)	(0.02)	(0.05)	(1.47)	0.08	0.29	0.28	(0.12)
1958	Wet	0.21	0.18	0.12	(0.02)	(0.07)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.03)	0.00
1959	Below Normal	(0.07)	(1.30)	(0.11)	0.09	0.01	0.02	0.00	(0.01)	0.00	0.00	0.00	0.01	(0.11)
1960	Dry	0.00	0.00	0.00	0.01	0.00	(0.12)	0.02	0.01	0.11	(0.01)	0.37	(0.12)	0.02
1961	Dry	(0.09)	(0.09)	(0.06)	0.04	0.04	0.02	0.01	0.01	0.01	0.01	(0.03)	0.03	(0.01)
1962	Below Normal	0.00	(0.22)	(0.25)	0.00	0.00	0.02	0.00	(0.01)	0.00	(0.01)	0.00	0.00	(0.04)
1963	Wet	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1964	Dry	0.00	0.00	0.01	0.13	0.00	0.05	(0.01)	(0.02)	(0.02)	(0.03)	(0.02)	(0.02)	0.01
1965	Wet	(0.01)	(0.01)	0.01	0.05	0.00	0.01	(0.01)	0.00	(0.17)	0.06	0.06	0.04	0.00
1966	Below Normal	0.01	0.01	(0.01)	(0.07)	(0.07)	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
1967	Wet	0.00	0.01	0.01	0.04	0.01	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1968	Below Normal	0.00	(14.16)	8.59	(5.48)	(6.46)	(1.68)	0.36	0.43	0.00	0.56	0.58	0.51	(1.40)
1969	Wet	0.43	0.39	0.34	(0.28)	0.00	0.00	(3.05)	3.35	0.14	0.15	0.15	0.15	0.15
1970	Wet	0.15	0.14	0.14	0.00	0.00	(0.79)	20.79	(1.31)	(1.32)	(1.34)	(1.34)	(1.30)	1.15
1971	Wet	(1.28)	(1.19)	(1.19)	(0.12)	0.00	1.84	0.12	(0.36)	(0.47)	(0.65)	(0.79)	(0.39)	(0.37)
1972	Below Normal	0.16	0.20	0.73	2.79	0.87	0.78	0.20	0.11	0.08	0.04	0.01	0.09	0.50
1973	Above Normal	0.20	0.20	0.32	0.52	0.00	(0.40)	0.41	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	0.08
1974	Wet	(0.05)	(0.05)	(0.05)	0.00	0.00	(0.01)	(0.87)	(0.32)	(0.31)	(0.32)	(0.32)	(0.31)	(0.22)
1975	Wet	(0.30)	(0.29)	(0.29)	0.68	0.21	(0.18)	(0.08)	(0.08)	(0.08)	(0.07)	(0.08)	(0.08)	(0.05)
1976	Critical	(0.07)	(0.07)	(0.07)	(0.02)	0.02	0.10	0.15	0.19	0.44	0.16	(0.21)	0.30	0.08
1977	Critical	0.21	0.20	(1.26)	0.00	0.00	0.00	0.00	(0.11)	0.00	(0.02)	0.00	0.02	(0.08)
1978	Above Normal	0.00	(0.01)	(0.20)	0.00	0.00	(6.70)	(1.56)	0.92	1.72	2.83	3.63	1.15	0.15
1979	Below Normal	(2.20)	(2.47)	(5.54)	(11.28)	(10.16)	(8.56)	(4.50)	(4.77)	(4.72)	(4.83)	(4.85)	(4.70)	(5.72)
1980	Above Normal	(4.63)	(4.36)	(4.35)	6.28	0.00	(0.11)	(24.81)	(21.89)	(21.53)	(22.12)	(22.25)	(21.55)	(11.78)
1981	Dry	(21.22)	0.64	(31.86)	21.08	48.51	30.73	8.06	9.48	91.54	(7.62)	(7.09)	(5.61)	11.39
1982	Wet	(3.40)	(3.06)	(1.80)	3.94	2.99	(0.08)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.04)	(0.14)
1983	Wet	(0.04)	(0.05)	(0.04)	0.00	0.00	0.00	11.50	(0.57)	(10.97)	0.00	0.00	0.00	(0.01)
1984	Wet	0.00	0.00	(30.09)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(2.51)
1985	Dry	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.01	(15.23)	(0.14)	7.17	0.34	0.00	0.28	0.18	0.20	(0.60)
1987	Dry	0.57	(12.88)	0.01	(0.05)	(0.04)	(0.01)	(0.02)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	(1.05)
1988	Critical	(0.02)	(0.01)	(0.01)	(0.01)	0.01	0.00	0.00	0.47	0.49	0.48	0.43	0.38	0.18
1989	Dry	0.20	0.17	0.14	(0.05)	(0.05)	(0.17)	(0.25)	0.07	0.16	0.27	(6.27)	1.90	(0.32)
1990	Critical	1.45	1.33	0.94	(1.09)	(0.78)	(0.12)	0.36	0.47	0.49	0.49	0.44	0.39	0.36
1991	Critical	0.26	0.17	0.14	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1992	Critical	0.00	0.00	0.01	0.00	0.00	0.00	(0.73)	(0.94)	(1.00)	(0.98)	(0.72)	(0.86)	(0.44)
1993	Above Normal	1.09	(0.01)	(1.65)	(0.81)	0.16	0.29	0.08	(0.05)	1.34	(0.45)	(0.56)	(0.29)	(0.07)
1994	Critical	(0.08)	(0.03)	0.04	0.60	0.51	0.08	(0.12)	(0.14)	1.97	(0.60)	(0.01)	(0.06)	0.18
1995	Wet	(0.42)	(0.12)	0.09	0.00	0.00	0.00	0.00	0.00	0.00	(13.55)	2.74	2.66	(0.72)
1996	Wet	(51.64)	(58.03)	(26.04)	2.14	(0.90)	(0.65)	(0.44)	(0.46)	(0.45)	(0.47)	(0.47)	(0.46)	(11.49)
1997	Wet	(0.45)	(0.42)	(0.41)	(0.03)	0.00	0.01	(0.02)	(0.04)	(0.03)	(0.04)	(0.03)	(0.04)	(0.13)
1998	Wet	(0.04)	(0.03)	(0.03)	(0.08)	0.00	(1.12)	1.15	(0.66)	(0.65)	(0.66)	(0.67)	(0.64)	(0.29)
1999	Wet	(0.64)	(0.61)	(0.19)	(0.08)	0.00	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.13)
2000	Above Normal	0.00	0.00	0.00	0.01	(0.09)	(1.10)	(0.21)	0.14	0.21	0.34	0.43	0.16	(0.01)
2001	Dry	(0.20)	(0.23)	(0.58)	(1.33)	(1.11)	(0.33)	0.06	0.04	0.03	0.06	0.12	0.10	(0.28)
2002	Dry	0.13	0.14	0.06	0.07	(0.01)	(0.02)	(0.14)	(0.14)	(0.14)	(0.15)	(1.85)	(0.54)	(0.22)
2003	Above Normal	3.59	0.03	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31
	Average	(1.23)	(1.39)	(1.35)	(0.01)	0.58	0.57	(0.04)	(0.54)	1.04	(0.95)	(0.33)	(0.91)	(0.38)
	Wet	(2.91)	(3.09)	(2.96)	(0.35)	0.25	1.51	1.55	(0.68)	0.97	(1.80)	(1.19)	(1.08)	(0.82)
	Above Normal	0.10	(0.61)	(0.54)	0.99	1.91	(0.36)	(2.21)	(1.75)	(1.10)	(1.40)	(1.75)	(1.88)	(0.72)
	Below Normal	(0.39)	(0.99)	0.44	(1.60)	(1.70)	(1.55)	(0.41)	(0.22)	(0.26)	(0.16)	(0.13)	(0.23)	(0.60)
	Dry	(1.24)	(0.79)	(1.82)	1.11	2.31	1.07	(0.25)	(0.27)	4.04	(0.85)	(0.21)	(1.15)	0.16
	Critical	0.14	0.13	(0.03)	(0.07)	0.06	1.18	(0.58)	0.22	0.37	0.31	2.55	0.01	0.36

Percent Difference in Energy Use (GWh) At Pumping Plant at Chrisman: Alternative5_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%	-1%	-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%	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%	2%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	18%	43%	-10%	3%	3%	5%	68%	0%
1935	Below Normal	-3%	8%	12%	1%	-1%	-1%	-1%	0%	1%	1%	1%	0%
1936	Below Normal	-2%	-2%	-4%	-12%	-10%	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%	-2%	0%	0%	2%	1%	0%	1%	1%	1%
1939	Dry	1%	1%	1%	7%	-3%	-14%	-14%	-15%	-85%	-8%	18%	-15%
1940	Above Normal	20%	4%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1942	Wet	-1%	-1%	-1%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	-1%	-1%	0%	0%	-1%	0%	-1%	-1%
1944	Dry	-1%	-58%	1%	-8%	-7%	-3%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1947	Dry	0%	-1%	-1%	-3%	0%	-3%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-4%	-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%	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%	-15%	-15%	-15%	-15%	-15%
1953	Wet	-16%	-16%	-17%	1%	19%	57%	4%	3%	164%	-9%	-8%	-7%
1954	Above Normal	-6%	-6%	-4%	34%	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%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	-2%	0%	0%	-2%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	-3%	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%	-11%	7%	-9%	-8%	-3%	0%	0%	0%	0%	0%	0%
1969	Wet	1%	1%	1%	0%	0%	0%	-2%	2%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	-1%	21%	-1%	-1%	-1%	-1%	-1%
1971	Wet	-1%	-1%	-1%	0%	0%	2%	0%	0%	0%	-1%	-1%	0%
1972	Below Normal	0%	0%	1%	6%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	-1%	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%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	-2%	0%	0%	0%	0%	-2%	0%	0%	0%	1%
1978	Above Normal	0%	0%	0%	0%	0%	-7%	-1%	1%	2%	3%	3%	1%
1979	Below Normal	-2%	-3%	-7%	-19%	-17%	-7%	-4%	-4%	-4%	-4%	-4%	-4%
1980	Above Normal	-5%	-5%	-5%	6%	0%	0%	-18%	-15%	-15%	-15%	-15%	-15%
1981	Dry	-16%	1%	-24%	34%	77%	54%	9%	9%	>1,000%	-6%	-5%	-5%
1982	Wet	-4%	-4%	-3%	6%	3%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	9%	0%	-8%	0%	0%	0%
1984	Wet	0%	0%	-21%	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%	-17%	0%	5%	0%	0%	0%	0%	0%
1987	Dry	0%	-32%	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%	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%	-1%	-2%
1993	Above Normal	7%	0%	-7%	-8%	0%	0%	0%	0%	4%	0%	0%	0%
1994	Critical	0%	0%	0%	1%	1%	0%	0%	0%	3%	0%	0%	0%
1995	Wet	-9%	0%	0%	0%	0%	0%	0%	0%	0%	-10%	2%	2%
1996	Wet	-42%	-99%	-26%	4%	-2%	-1%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	-1%	1%	-1%	-1%	-1%	-1%	-1%
1999	Wet	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	-3%	-3%	-1%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	-3%	0%
2003	Above Normal	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-1%	-3%	-1%	0%	1%	1%	0%	0%	1%	-1%	0%	-1%
	Wet	-3%	-5%	-3%	0%	0%	2%	1%	0%	5%	-1%	-1%	-1%
	Above Normal	3%	-1%	-1%	3%	3%	0%	-2%	-1%	0%	-1%	-1%	-1%
	Below Normal	0%	-1%	1%	-3%	-3%	-1%	0%	0%	0%	0%	0%	0%
	Dry	-1%	-5%	-1%	1%	4%	2%	0%	0%	-5%	-1%	0%	-1%
	Critical	0%	0%	0%	0%	1%	4%	-1%	0%	0%	0%	6%	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: Alternative5_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	0.35	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	1.01	0.12	0.06	0.07	0.08	0.07	0.05	1.46
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	0.13	0.76	0.21	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	0.16	0.76	0.17	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	0.15	1.61	0.00	0.00	0.00	0.03	0.06	0.07	0.08	0.07	0.06	2.16
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	0.22	0.06	0.07	0.08	0.07	0.05	1.47
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	0.66	0.33	0.05	0.07	0.08	0.07	0.05	1.46
	Wet	0.00	0.03	0.06	0.03	0.11	0.70	0.30	0.05	0.06	0.08	0.07	0.05	1.54
	Above Normal	0.01	0.00	0.00	0.10	0.14	0.58	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: Alternative5_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	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.03	(0.02)	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	(0.11)	0.00	0.11	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	(0.92)	0.76	0.16	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	0.14	1.61	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.14
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	0.01	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	0.03	0.00	(0.00)	(0.00)	(0.00)	0.00	0.00	0.00
	Wet	0.00	0.01	0.03	(0.02)	0.04	0.10	0.02	(0.00)	(0.00)	(0.00)	0.00	0.00	0.01
	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: Alternative5_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%	-3%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	3%	-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%	-46%	0%	110%	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%	-85%	-	>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%	>1,000%	-	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%	5%	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%	0%	0%	-1%	-1%	-1%	0%	0%
	Wet	0%	0%	-4%	1%	19%	-4%	2%	-4%	-4%	-4%	0%	0%
	Above Normal	0%	0%	0%	-11%	-1%	9%	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: Alternative5_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	347.76	355.31	344.26	356.70	357.41	340.71	4,250.65
1923	Below Normal	302.26	277.64	266.08	444.56	443.24	350.79	299.82	343.64	338.17	361.75	369.84	331.32	4,129.11
1924	Critical	262.41	236.44	194.97	88.03	93.96	111.50	170.01	203.54	203.91	202.65	183.84	160.90	2,112.16
1925	Dry	82.63	64.00	55.05	20.66	53.18	200.97	307.18	394.61	393.78	421.64	435.35	382.41	2,811.46
1926	Dry	297.12	268.62	212.56	40.49	65.36	144.23	226.64	325.87	324.30	346.80	358.18	314.27	2,924.44
1927	Wet	239.89	215.40	168.59	49.69	201.52	394.69	373.01	380.79	367.72	379.41	379.47	365.33	3,515.51
1928	Above Normal	332.23	306.74	299.51	237.28	283.95	207.10	425.07	431.47	416.11	429.37	430.26	414.39	4,213.48
1929	Critical	380.69	353.79	346.12	238.95	223.06	136.81	158.32	223.24	223.75	222.94	202.78	29.43	2,739.88
1930	Dry	108.00	132.64	116.23	37.97	62.90	101.47	254.37	297.87	300.81	307.32	295.73	259.60	2,274.91
1931	Critical	167.73	139.20	107.08	38.02	61.34	109.24	207.22	246.46	247.80	247.21	224.16	195.87	1,991.33
1932	Dry	106.38	79.48	68.12	38.61	81.79	273.85	226.54	300.95	298.98	318.64	325.32	285.82	2,404.48
1933	Critical	211.29	188.06	145.99	38.92	329.56	122.32	200.92	296.14	297.58	307.48	298.43	261.78	2,698.47
1934	Critical	173.32	144.87	111.85	39.27	66.79	164.31	213.34	292.74	293.86	299.75	264.68	12.20	2,076.98
1935	Below Normal	248.10	224.16	174.43	39.56	80.86	145.22	386.41	413.49	407.16	426.37	432.56	398.79	3,377.11
1936	Below Normal	340.16	311.96	282.77	152.66	179.00	525.49	368.13	421.46	407.11	420.19	420.61	405.01	4,234.55
1937	Below Normal	371.08	343.93	336.32	251.04	455.14	445.92	459.43	508.16	491.85	507.56	508.70	490.18	5,169.31
1938	Wet	455.41	424.17	416.24	283.19	455.14	526.31	524.91	527.09	510.36	527.96	528.15	508.90	5,687.83
1939	Dry	474.89	441.00	433.62	333.99	321.32	226.20	298.19	337.70	13.75	428.67	209.08	370.28	3,888.69
1940	Above Normal	110.78	77.07	420.69	38.52	54.57	180.69	339.12	397.64	299.98	424.98	463.23	407.38	3,214.65
1941	Wet	317.75	287.32	227.69	142.15	328.59	381.26	410.83	417.71	403.67	416.88	416.74	401.46	4,152.05
1942	Wet	367.72	340.09	333.09	451.03	455.14	455.54	317.89	342.23	335.83	354.78	359.71	329.25	4,442.30
1943	Wet	272.47	247.11	216.96	335.58	411.26	380.58	453.65	460.78	445.50	460.19	460.44	444.33	4,588.85
1944	Dry	409.88	2.61	525.89	162.92	154.91	149.20	259.65	303.57	302.93	314.57	308.44	271.23	3,165.80
1945	Below Normal	183.07	155.27	120.54	65.73	80.69	489.81	366.70	409.65	396.18	408.88	409.01	394.08	3,479.61
1946	Below Normal	360.27	333.34	325.84	455.41	455.14	503.69	318.34	331.70	321.18	334.40	335.54	317.61	4,392.46
1947	Dry	277.05	253.44	239.24	204.73	229.64	184.64	424.72	430.66	415.39	428.01	428.94	413.58	3,930.04
1948	Below Normal	379.92	352.83	345.20	213.01	200.17	130.76	205.56	162.85	23.84	463.98	474.62	418.55	3,371.29
1949	Dry	325.65	295.47	234.30	62.47	76.68	130.30	368.89	412.33	410.27	436.21	259.93	455.69	3,468.19
1950	Below Normal	354.43	169.89	221.43	52.01	57.16	111.96	313.33	355.98	12.97	452.30	461.53	405.53	2,968.52
1951	Above Normal	314.52	284.41	226.38	471.87	455.14	524.23	316.10	371.90	359.76	370.38	370.21	356.72	4,421.62
1952	Wet	323.40	297.83	290.94	449.76	471.39	522.28	419.73	407.43	392.72	406.37	406.26	391.59	4,779.70
1953	Wet	358.31	330.26	323.36	466.36	455.14	409.87	297.18	344.46	340.48	365.84	374.47	332.88	4,398.61
1954	Above Normal	259.31	233.22	187.26	81.42	301.07	212.61	324.23	376.76	374.05	402.26	414.14	364.24	3,530.57
1955	Dry	281.37	253.56	199.13	52.36	90.13	168.81	303.15	346.09	343.52	368.70	379.90	333.71	3,120.43
1956	Wet	255.39	229.69	180.40	254.92	471.39	526.90	376.44	420.37	407.66	419.70	419.49	404.65	4,367.00
1957	Above Normal	370.47	342.14	335.10	298.48	289.41	295.76	337.15	391.39	253.38	436.86	462.69	407.70	4,220.53
1958	Wet	316.32	286.66	226.80	44.26	368.75	389.80	515.06	525.65	509.97	525.51	526.73	507.80	4,743.31
1959	Below Normal	472.98	143.01	507.27	205.44	214.75	209.86	291.68	328.98	14.07	418.38	425.89	374.12	3,606.43
1960	Dry	287.94	259.39	205.26	38.65	46.51	126.35	374.41	419.07	312.56	465.03	367.02	457.55	3,359.74
1961	Dry	371.01	338.04	282.81	79.29	92.83	110.78	302.29	342.49	342.09	365.73	300.52	197.41	3,125.29
1962	Below Normal	4.39	296.97	340.25	40.40	49.53	166.85	319.88	367.92	13.51	468.54	478.82	420.90	2,967.96
1963	Wet	327.31	296.23	235.93	275.81	324.96	327.12	316.15	337.29	327.50	342.21	344.62	323.48	3,778.61
1964	Dry	278.52	253.99	235.04	214.11	467.14	340.85	348.18	360.97	351.49	366.56	368.70	346.50	3,932.05
1965	Wet	302.45	276.48	258.73	316.42	442.76	398.97	331.25	347.05	208.92	378.18	380.99	355.37	3,997.57
1966	Below Normal	305.65	279.18	256.17	401.15	421.54	317.70	306.17	344.83	340.06	361.43	369.59	331.66	4,035.13
1967	Wet	264.76	238.77	198.87	96.56	443.65	433.96	508.22	520.62	505.34	521.25	522.08	503.47	4,757.55
1968	Below Normal	468.08	384.60	456.60	203.37	249.63	221.03	298.37	338.51	14.55	430.20	437.11	384.49	3,886.54
1969	Wet	295.95	267.01	211.28	253.14	455.14	524.75	455.03	502.08	487.28	502.10	502.59	484.80	4,941.15
1970	Wet	449.32	416.60	409.46	471.87	455.14	521.46	426.67	360.72	348.88	359.32	358.81	345.34	4,923.59
1971	Wet	312.45	287.35	280.59	448.76	455.14	394.10	306.78	345.09	340.14	361.15	367.82	332.46	4,231.83
1972	Below Normal	268.58	242.96	206.38	171.68	356.66	320.03	321.89	360.73	357.94	381.43	390.84	347.72	3,726.84
1973	Above Normal	273.83	247.19	201.20	78.28	401.09	401.48	338.93	391.59	379.39	389.66	389.68	375.23	3,867.55
1974	Wet	341.91	315.25	308.29	457.26	455.14	523.73	489.95	395.32	383.73	394.29	394.12	380.04	4,839.03
1975	Wet	346.49	318.88	311.93	389.01	330.09	453.60	381.15	386.51	373.91	384.59	384.81	370.97	4,431.94
1976	Critical	337.28	311.63	304.50	246.13	257.31	224.09	332.89	381.54	319.96	419.93	302.41	420.88	3,858.55
1977	Critical	326.72	295.29	187.84	39.66	47.76	73.88	126.55	22.72	0.00	22.74	20.80	12.81	1,176.77
1978	Above Normal	4.90	155.73	275.12	37.23	90.20	328.41	360.27	392.75	385.60	404.68	410.35	378.00	3,223.24
1979	Below Normal	321.92	293.47	264.74	172.92	177.87	422.86	378.92	385.67	372.72	383.43	383.71	369.89	3,928.12
1980	Above Normal	336.36	310.63	303.50	368.63	471.39	524.94	383.76	441.20	427.36	441.34	441.38	425.51	4,876.00
1981	Dry	391.77	361.62	354.59	292.09	388.91	305.88	333.60	389.91	335.82	426.85	437.88	387.14	4,406.06
1982	Wet	302.88	273.89	219.98	250.69	347.63	388.11	503.21	512.77	498.04	512.63	513.05	494.71	4,817.59
1983	Wet	459.86	426.40	418.96	471.87	455.14	524.39	495.52	478.17	438.83	491.15	492.06	474.80	5,627.15
1984	Wet	482.55	434.04	403.12	471.87	471.39	524.09	310.86	370.04	356.89	368.95	368.55	355.21	4,917.56
1985	Dry	321.39	296.23	363.73	379.19	337.48	348.04	352.05	365.00	354.03	364.06	363.52	349.82	4,194.54
1986	Wet	317.09	292.07	284.99	242.20	253.77	526.14	507.34	527.90	510.36	527.52	527.11	507.83	5,024.32
1987	Dry	476.63	94.84	507.28	177.80	168.43	113.11	163.84	189.67	189.28	187.64	171.22	149.86	2,589.60
1988	Critical	76.89	59.96	51.69	18.06	70.66	75.08	129.35	153.78	151.38	152.37	137.63	120.20	1,197.05
1989	Dry	60.34	46.22	40.16	21.81	73.35	100.38	393.34	418.30	409.96	429.69	390.96	414.78	2,799.29
1990	Critical	358.53	329.40	301.87	159.99	157.60	131.21	185.73	217.91	219.16	218.17	198.02	173.42	2,651.01
1991	Critical	91.84	69.90	59.86	22.70	48.05	74.10	132.79	151.12	149.02	149.71	135.55	118.91	1,203.55
1992	Critical	60.14	46.07	40.08	15.23	38.19	74.44	168.17	196.05	195.13	194.10	171.90	156.96	1,356.46
1993	Above Normal	60.78	45.37	77.55	34.05	331.68	344.45	335.16	361.03	130.26	415.80	422.32	387.43	2,945.88
1994	Critical	324.81	296.22	261.39	150.36	162.83	206.56	333.44	380.47	253.48	433.72	86.97	276.69	3,166.94
1995	Wet	15.25	231.97	433.05	40.09	257.46	238.56	473.89	482.27	466.87	434.37	492.66	474.97	4,041.41
1996	Wet	250.52	2.61	253.38	203.49	186.28	339.85	362.33	364.78	351.94	363.18	363.25	349.45	3,391.06
1997	Wet	316.47	292.15	285.24	445.02	455.14	525.33	418.62	426.99	412.90	425.58	425.81	410.64	4,839.89
1998	Wet	376.43	347.97	340.84	295.89	455.14	512.08	402.50	392.23	378.55	392.11	392.61	377.90	4,664.25
1999	Wet	343.90	367.01	352.36	457.62	455.14	408.69	312.61	367.89	354.98	367.76	367.86	354.00	4,509.82
2000	Above Normal	320.66	295.44	288.44	270.19	430.65	329.93	348.15	376.88	369.36	390.99	397.04	364.07	4,181.80
2001	Dry	305.05	278.42	247.65	138.63	139.10	137.92	238.89	286.57	289.67	291.14	269.26	236.25	2,858.55
2002	Dry	137.67	107.46	84.75	40.17	90.46	163.85	405.22	410.42	395.19	409.70	244.45	436.71	2,926.05
2003	Above Normal	109.23	126.50	393.02	60.64	104.76	170.39	294.32	334.69	11.47	426.34	433.92	381.26	2,846.54
	Average	287.68	253.01	263.44	200.42	265.37	300.22	334.33	362.66	317.81	380.96	367.11	348.50	3,681.51
	Wet	323.55	297.82	291.96	310.17	396.82	444.31	411.18	420.93	402.27	422.42	425.78	406.99	4,554.21
	Above Normal	252.66	241.36	282.35	172.48	293.69	322.82	345.84	385.22	312.58	407.45	416.05	383.55	3,816.04
	Below Normal	312.92	272.09	293.14	204.92	244.38	311.57	331.05	362.40	250.81	415.63	421.31	384.99	3,805.21
	Dry	277.41	212.61	244.75	129.77	163.34	184.82	310.06	351.78	321.32	370.94	328.58	336.81	3,232.20
	Critical	230.97	205.90	176.10	91.28	129.76	125.30	196.56	230.48	212.92	239.23	185.60	161.67	2,185.76

Difference in Energy Use (GWh) At Pumping Plant at Edmonston: Alternative5_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	(0.01)	0.00	0.00	0.01	0.01	0.01	0.00
1923	Below Normal	(0.01)	(0.01)	(0.02)	(0.01)	(0.19)	(2.28)	(0.06)	0.21	0.28	0.38	0.47	0.23	(0.08)
1924	Critical	(0.09)	(0.12)	(0.42)	(1.28)	(1.10)	(0.31)	0.05	0.07	0.07	0.07	0.06	0.06	(0.25)
1925	Dry	0.04	0.02	0.02	0.01	(0.05)	(1.22)	0.19	0.23	0.23	0.24	0.25	0.23	0.02
1926	Dry	0.19	0.18	0.15	0.00	(0.09)	(0.10)	(0.25)	(0.20)	(0.20)	(0.21)	(0.23)	(0.20)	(0.08)
1927	Wet	(0.17)	(0.16)	(0.13)	0.01	(0.19)	0.01	0.01	0.01	0.01	0.01	0.00	0.01	(0.05)
1928	Above Normal	0.01	0.01	0.01	(0.01)	(0.29)	0.00	0.02	0.02	0.02	0.02	0.02	0.02	(0.01)
1929	Critical	0.02	0.02	0.02	0.00	(0.01)	(0.04)	(0.06)	(0.09)	(0.09)	(0.09)	(0.08)	(0.07)	(0.04)
1930	Dry	(0.08)	(0.14)	0.11	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)	0.01	(0.06)	(0.08)	(0.09)	(0.09)	(0.09)	(0.07)	(0.05)
1932	Dry	(0.05)	(0.04)	(0.03)	(0.04)	0.00	5.67	0.00	0.01	0.00	0.00	0.00	(0.01)	0.46
1933	Critical	(0.01)	(0.02)	(0.02)	0.00	(5.72)	(0.01)	0.00	0.00	0.01	0.00	0.01	0.00	(0.48)
1934	Critical	0.00	0.00	0.01	0.00	10.12	49.57	(23.20)	9.51	7.27	14.57	107.44	0.00	14.61
1935	Below Normal	(8.39)	17.34	18.83	0.27	(0.50)	(1.35)	(5.56)	0.73	2.33	4.43	5.95	1.16	2.94
1936	Below Normal	(5.45)	(5.97)	(12.04)	(21.05)	(19.61)	0.00	(0.03)	(0.04)	(0.04)	(0.05)	(0.05)	(0.05)	(5.37)
1937	Below Normal	(0.03)	(0.02)	(0.01)	(0.02)	0.00	(0.04)	0.00	0.01	0.01	0.01	0.01	0.01	(0.01)
1938	Wet	0.01	0.01	0.01	(6.13)	0.00	(0.57)	9.00	3.29	0.61	3.72	3.41	2.62	1.33
1939	Dry	4.08	3.95	3.95	21.93	(11.11)	(36.21)	(49.20)	(58.99)	(75.69)	(37.83)	31.22	(67.53)	(22.62)
1940	Above Normal	18.80	3.00	4.76	(0.24)	0.19	0.04	0.07	0.08	0.64	(0.60)	0.13	0.12	2.25
1941	Wet	0.10	0.09	0.08	(0.17)	(0.01)	(1.95)	(1.85)	(1.97)	(1.94)	(1.99)	(2.00)	(1.94)	(1.13)
1942	Wet	(1.90)	(1.79)	(1.79)	(0.23)	0.00	(2.62)	0.00	0.06	0.08	0.11	0.12	0.07	(0.66)
1943	Wet	(0.01)	(0.01)	(0.08)	(0.37)	(3.45)	(3.02)	(2.19)	(2.28)	(2.27)	(2.32)	(2.33)	(2.25)	(1.72)
1944	Dry	(2.22)	(3.67)	3.44	(13.28)	(11.85)	(3.86)	(0.05)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(2.65)
1945	Below Normal	(0.04)	(0.03)	(0.03)	0.04	(0.01)	(35.46)	0.56	0.59	0.57	0.59	0.59	0.57	(2.67)
1946	Below Normal	0.57	0.55	0.55	(0.09)	0.00	(0.91)	(1.37)	0.33	0.69	1.31	1.66	0.42	0.31
1947	Dry	(1.35)	(1.46)	(3.16)	(6.52)	0.49	(6.14)	1.13	1.18	1.16	1.19	1.20	1.16	(0.93)
1948	Below Normal	1.15	1.09	1.08	(8.70)	(7.76)	(2.85)	0.08	2.49	(0.36)	0.24	0.00	0.74	(1.07)
1949	Dry	0.41	0.31	(1.00)	(0.23)	(0.23)	(0.27)	(1.02)	(0.09)	0.14	0.46	(2.76)	0.94	(0.28)
1950	Below Normal	0.67	1.18	1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.01	0.35	0.32	0.31	0.32	0.33	0.31	0.16
1952	Wet	0.31	0.30	0.29	0.01	0.00	(0.03)	(1.81)	(71.15)	(70.10)	(71.90)	(72.26)	(69.97)	(29.69)
1953	Wet	(69.05)	(65.17)	(64.95)	3.21	72.12	149.08	10.22	9.69	211.43	(34.45)	(33.79)	(26.73)	13.47
1954	Above Normal	(16.51)	(15.14)	(8.09)	20.52	80.19	18.06	(1.77)	(0.69)	22.09	9.12	(9.11)	(8.16)	7.54
1955	Dry	(6.63)	(6.13)	(5.17)	(1.90)	2.39	3.91	6.73	8.06	8.23	8.78	9.06	7.99	2.94
1956	Wet	6.74	6.21	5.12	(50.37)	0.00	0.05	1.31	1.17	1.14	1.17	1.18	1.15	(2.09)
1957	Above Normal	1.13	1.08	1.07	0.25	(0.06)	(5.31)	(0.05)	(0.16)	(5.13)	0.25	0.99	0.98	(0.41)
1958	Wet	0.74	0.63	0.44	(0.07)	(0.25)	(0.22)	(0.21)	(0.22)	(0.22)	(0.22)	(0.23)	(0.10)	0.01
1959	Below Normal	(0.26)	(4.57)	(0.40)	0.31	0.02	0.09	0.00	0.00	0.00	0.00	0.01	0.00	(0.40)
1960	Dry	0.00	0.00	0.00	0.02	0.02	(0.43)	0.08	0.05	0.40	(0.04)	1.28	(0.42)	0.08
1961	Dry	(0.32)	(0.29)	(0.20)	0.13	0.13	0.06	0.03	0.04	0.04	0.04	(0.11)	0.11	(0.03)
1962	Below Normal	0.00	(0.78)	(0.88)	0.00	(0.01)	0.06	(0.02)	(0.01)	0.00	(0.03)	(0.03)	(0.03)	(0.14)
1963	Wet	(0.02)	(0.01)	(0.01)	0.01	0.00	0.01	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00
1964	Dry	0.01	0.01	0.02	0.43	0.01	0.17	(0.03)	(0.07)	(0.08)	(0.09)	(0.10)	(0.06)	0.02
1965	Wet	(0.03)	(0.02)	0.02	0.16	0.02	0.01	(0.06)	0.01	(0.62)	0.18	0.19	0.13	0.00
1966	Below Normal	0.05	0.03	(0.05)	(0.23)	(0.24)	0.01	0.01	(0.01)	(0.02)	(0.03)	(0.03)	(0.02)	(0.04)
1967	Wet	0.01	0.01	0.04	0.11	0.04	0.12	0.01	0.00	0.01	0.00	0.01	0.00	0.03
1968	Below Normal	0.00	(49.55)	30.06	(19.20)	(22.62)	(5.87)	1.26	1.50	0.00	1.96	2.02	1.77	(4.89)
1969	Wet	1.49	1.39	1.17	(0.99)	0.00	0.02	(10.67)	11.75	0.51	0.53	0.53	0.51	0.52
1970	Wet	0.51	0.50	0.49	0.00	0.00	(2.75)	72.74	(4.61)	(4.61)	(4.70)	(4.69)	(4.55)	4.03
1971	Wet	(4.49)	(4.16)	(4.16)	(0.44)	0.00	6.41	0.43	(1.25)	(1.64)	(2.28)	(2.79)	(1.35)	(1.31)
1972	Below Normal	0.58	0.72	2.55	9.77	3.05	2.71	0.69	0.37	0.28	0.17	0.05	0.31	1.77
1973	Above Normal	0.71	0.70	1.10	1.83	0.00	(1.41)	1.44	(0.17)	(0.17)	(0.18)	(0.18)	(0.17)	0.29
1974	Wet	(0.17)	(0.16)	(0.16)	(0.02)	0.00	(0.04)	(3.06)	(1.10)	(1.09)	(1.11)	(1.12)	(1.09)	(0.76)
1975	Wet	(1.07)	(1.00)	(1.00)	2.38	0.74	(0.62)	(0.25)	(0.28)	(0.26)	(0.27)	(0.28)	(0.26)	(0.18)
1976	Critical	(0.26)	(0.25)	(0.25)	(0.08)	0.07	0.34	0.55	0.66	1.52	0.54	(0.74)	1.04	0.26
1977	Critical	0.75	0.70	(4.40)	0.01	0.00	0.00	0.01	(0.37)	0.00	(0.09)	0.00	0.08	(0.28)
1978	Above Normal	0.00	(0.01)	(0.70)	0.00	(0.01)	(23.44)	(5.47)	3.23	6.00	9.89	12.69	4.00	0.51
1979	Below Normal	(7.69)	(8.65)	(19.41)	(39.48)	(35.56)	(29.95)	(15.75)	(16.72)	(16.50)	(16.92)	(17.00)	(16.47)	(20.01)
1980	Above Normal	(16.22)	(15.26)	(15.20)	21.95	0.00	(0.41)	(86.80)	(76.62)	(75.35)	(77.37)	(77.85)	(75.39)	(41.21)
1981	Dry	(74.27)	2.25	(111.45)	73.77	169.76	107.55	28.18	33.16	320.31	(26.63)	(24.82)	(19.63)	39.85
1982	Wet	(11.92)	(10.71)	(6.27)	13.80	10.49	(0.28)	(0.15)	(0.16)	(0.15)	(0.15)	(0.16)	(0.15)	(0.48)
1983	Wet	(0.15)	(0.14)	(0.14)	0.00	0.00	0.00	40.25	(1.98)	(38.38)	0.00	0.00	0.00	(0.05)
1984	Wet	0.00	0.00	(105.27)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(8.77)
1985	Dry	0.00	0.00	(0.06)	0.00	0.01	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1986	Wet	0.00	0.01	0.00	0.00	(53.29)	(0.49)	25.07	1.21	0.00	1.00	0.62	0.69	(2.10)
1987	Dry	2.01	(45.04)	0.04	(0.15)	(0.14)	(0.05)	(0.07)	(0.09)	(0.10)	(0.09)	(0.09)	(0.08)	(3.65)
1988	Critical	(0.04)	(0.04)	(0.02)	(0.02)	0.06	(0.01)	(0.01)	1.63	1.72	1.68	1.52	1.34	0.65
1989	Dry	0.70	0.58	0.48	(0.16)	(0.15)	(0.60)	(0.88)	0.26	0.54	0.92	(21.94)	6.63	(1.14)
1990	Critical	5.07	4.67	3.28	(3.82)	(2.74)	(0.43)	1.26	1.64	1.73	1.70	1.53	1.35	1.27
1991	Critical	0.89	0.57	0.48	0.30	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.19
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(2.55)	(3.32)	(3.49)	(3.42)	(2.54)	(3.02)	(1.53)
1993	Above Normal	3.81	(0.02)	(5.76)	(2.82)	0.54	1.03	0.28	(0.18)	4.71	(1.60)	(1.97)	(1.03)	(0.25)
1994	Critical	(0.25)	(0.09)	0.12	2.11	1.79	0.27	(0.41)	(0.49)	6.88	(2.12)	(0.04)	(0.19)	0.63
1995	Wet	(1.47)	(0.40)	0.28	0.00	(0.02)	0.00	0.00	0.00	0.00	(47.41)	9.60	9.31	(2.51)
1996	Wet	(180.69)	(203.07)	(91.11)	7.51	(3.13)	(2.26)	(1.55)	(1.62)	(1.59)	(1.64)	(1.65)	(1.60)	(40.20)
1997	Wet	(1.56)	(1.47)	(1.47)	(0.12)	0.00	0.02	(0.07)	(0.12)	(0.12)	(0.13)	(0.12)	(0.12)	(0.44)
1998	Wet	(0.11)	(0.11)	(0.12)	(0.29)	0.00	(3.93)	4.03	(2.31)	(2.27)	(2.34)	(2.34)	(2.27)	(1.01)
1999	Wet	(2.24)	(2.11)	(0.67)	(0.28)	0.00	0.00	(0.01)	0.00	(0.01)	0.00	0.00	(0.01)	(0.44)
2000	Above Normal	0.00	(0.01)	(0.01)	0.01	(0.33)	(3.87)	(0.72)	0.48	0.77	1.19	1.51	0.56	(0.03)
2001	Dry	(0.71)	(0.81)	(2.00)	(4.66)	(3.86)	(1.16)	0.20	0.14	0.10	0.23	0.41	0.38	(0.98)
2002	Dry	0.47	0.50	0.22	0.23	(0.02)	(0.04)	(0.48)	(0.51)	(0.50)	(0.51)	(6.49)	(1.88)	(0.75)
2003	Above Normal	12.59	0.09	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.07
	Average	(4.28)	(4.88)	(4.71)	(0.03)	2.04	1.98	(0.14)	(1.88)	3.65	(3.32)	(1.15)	(3.17)	(1.32)
	Wet	(10.20)	(10.82)	(10.36)	(1.24)	0.89	5.27	5.43	(2.38)	3.40	(6.32)	(4.16)	(3.77)	(2.85)
	Above Normal	0.36	(2.13)	(1.89)	3.46	6.69	(1.27)	(7.72)	(6.14)	(3.84)	(4.91)	(6.12)	(6.56)	(2.51)
	Below Normal	(1.35)	(3.48)	1.55	(5.60)	(5.96)	(5.42)	(1.44)	(0.75)	(0.91)	(0.57)	(0.45)	(0.81)	(2.10)
	Dry	(4.32)	(2.77)	(6.37)	3.87	8.07	3.74	(0.86)	(0.94)	14.14	(2.98)	(0.73)	(4.03)	0.57
	Critical	0.50	0.45	(0.10)	(0.23)	0.20	4.12	(2.04)	0.76	1.29	1.06	8.92	0.04	1.25

Percent Difference in Energy Use (GWh) At Pumping Plant at Edmonston: Alternative5_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%	-1%	-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%	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%	2%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	18%	43%	-10%	3%	3%	5%	68%	0%
1935	Below Normal	-3%	8%	12%	1%	-1%	-1%	-1%	0%	1%	1%	1%	0%
1936	Below Normal	-2%	-2%	-4%	-12%	-10%	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%	-2%	0%	0%	2%	1%	0%	1%	1%	1%
1939	Dry	1%	1%	1%	7%	-3%	-14%	-14%	-15%	-85%	-8%	18%	-15%
1940	Above Normal	20%	4%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1942	Wet	-1%	-1%	-1%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	-1%	-1%	0%	0%	-1%	-1%	-1%	-1%
1944	Dry	-1%	-58%	1%	-8%	-7%	-3%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	-1%	-1%	-3%	0%	-3%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-4%	-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%	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%	-15%	-15%	-15%	-15%	-15%
1953	Wet	-16%	-16%	-17%	1%	19%	57%	4%	3%	164%	-9%	-8%	-7%
1954	Above Normal	-6%	-6%	-4%	34%	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%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	-2%	0%	0%	-2%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	-3%	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%	-11%	7%	-9%	-8%	-3%	0%	0%	0%	0%	0%	0%
1969	Wet	1%	1%	1%	0%	0%	0%	-2%	2%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	-1%	21%	-1%	-1%	-1%	-1%	-1%
1971	Wet	-1%	-1%	-1%	0%	0%	2%	0%	0%	0%	-1%	-1%	0%
1972	Below Normal	0%	0%	1%	6%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	-1%	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%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	-2%	0%	0%	0%	0%	-2%	0%	0%	0%	1%
1978	Above Normal	0%	0%	0%	0%	0%	-7%	-1%	1%	2%	3%	3%	1%
1979	Below Normal	-2%	-3%	-7%	-19%	-17%	-7%	-4%	-4%	-4%	-4%	-4%	-4%
1980	Above Normal	-5%	-5%	-5%	6%	0%	0%	-18%	-15%	-15%	-15%	-15%	-15%
1981	Dry	-16%	1%	-24%	34%	77%	54%	9%	9%	>1,000%	-6%	-5%	-5%
1982	Wet	-4%	-4%	-3%	6%	3%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	9%	0%	-8%	0%	0%	0%
1984	Wet	0%	0%	-21%	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%	-17%	0%	5%	0%	0%	0%	0%	0%
1987	Dry	0%	-32%	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%	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%	-1%	-2%
1993	Above Normal	7%	0%	-7%	-8%	0%	0%	0%	0%	4%	0%	0%	0%
1994	Critical	0%	0%	0%	1%	1%	0%	0%	0%	3%	0%	0%	0%
1995	Wet	-9%	0%	0%	0%	0%	0%	0%	0%	0%	-10%	2%	2%
1996	Wet	-42%	-99%	-26%	4%	-2%	-1%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	-1%	1%	-1%	-1%	-1%	-1%	-1%
1999	Wet	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	-3%	-3%	-1%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	-3%	0%
2003	Above Normal	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-1%	-3%	-1%	0%	1%	1%	0%	0%	1%	-1%	0%	-1%
	Wet	-3%	-5%	-3%	0%	0%	2%	1%	0%	5%	-1%	-1%	-1%
	Above Normal	3%	-1%	-1%	3%	3%	0%	-2%	-1%	0%	-1%	-1%	-1%
	Below Normal	0%	-1%	1%	-3%	-3%	-1%	0%	0%	0%	0%	0%	0%
	Dry	-1%	-5%	-1%	1%	4%	2%	0%	0%	-5%	-1%	0%	-1%
	Critical	0%	0%	0%	0%	1%	4%	-1%	0%	0%	0%	6%	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: Alternative5_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	0.10	0.19	0.41	0.58	0.90	0.94	0.82	0.30	5.06
1935	Below Normal	0.34	0.28	0.28	0.07	0.12	0.21	0.77	1.08	1.31	1.36	1.17	0.87	7.86
1936	Below Normal	0.53	0.43	0.37	0.07	0.16	0.77	0.83	1.06	1.30	1.35	1.17	0.88	8.92
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	1.23	1.04	0.77	8.75
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	0.37	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	1.06	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	0.46	0.42	0.72	0.77	0.96	1.19	1.23	1.06	0.79	9.51
1971	Wet	0.53	0.45	0.37	0.44	0.39	0.48	0.62	0.98	1.20	1.25	1.06	0.78	8.55
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	1.29	1.12	0.83	8.65
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	0.52	0.43	0.36	0.19	0.21	0.42	0.67	1.00	1.19	1.28	1.09	0.81	8.16
	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	0.47	0.70	0.73	0.63	0.43	4.51

Difference in Energy Use (GWh) At Pumping Plant at Las Perillas: Alternative5_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	0.02	0.03	0.04	0.12	0.06	0.06	0.05	0.04	0.04
1935	Below Normal	0.05	0.03	0.02	0.00	0.00	0.00	(0.01)	0.02	0.01	0.01	0.01	0.01	0.01
1936	Below Normal	(0.01)	(0.02)	(0.01)	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	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	0.01	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	0.00	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	(0.01)	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	(0.02)	(0.01)	(0.02)	0.01	(0.01)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)
1971	Wet	(0.01)	(0.01)	0.00	0.00	0.00	0.02	0.00	(0.01)	(0.01)	(0.01)	(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	(0.01)	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	0.01	0.00	0.01	0.00	0.00	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at Las Perillas: Alternative5_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%	25%	19%	11%	26%	7%	7%	6%	15%
1935	Below Normal	17%	12%	8%	0%	0%	0%	-1%	2%	1%	1%	1%	1%
1936	Below Normal	-2%	-4%	-3%	0%	7%	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%	1%	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	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%	-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%	-4%	-2%	-3%	1%	-1%	-2%	-2%	-2%	-1%
1971	Wet	-2%	-2%	0%	0%	0%	4%	0%	-1%	-1%	-1%	-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%	-1%	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	0%	-2%	2%	1%	2%	2%	0%	0%	0%	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%	0%	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%	2%	2%	1%	2%	0%	1%	1%	2%

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: Alternative5_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	16.15	16.99	16.73	15.89	201.39
1923	Below Normal	12.69	11.66	10.42	17.39	20.95	18.05	17.73	17.66	16.68	19.53	18.21	15.40	196.37
1924	Critical	11.23	10.28	6.97	4.67	4.44	6.47	8.96	8.64	8.04	9.59	7.28	5.35	91.92
1925	Dry	0.47	0.26	0.09	0.70	3.03	14.23	15.94	20.32	19.60	23.38	21.47	17.56	137.05
1926	Dry	12.85	11.80	7.44	3.00	3.51	8.44	11.34	16.93	16.15	19.22	17.64	14.43	142.75
1927	Wet	10.04	9.12	5.40	2.31	8.96	19.78	18.67	18.43	17.07	17.59	17.52	16.96	161.85
1928	Above Normal	13.93	12.85	11.94	9.78	12.23	11.71	21.08	20.77	19.34	19.90	19.84	19.22	192.59
1929	Critical	16.20	15.03	14.12	9.37	8.52	7.17	8.43	9.34	8.77	10.53	7.98	1.10	116.56
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	23.49	11.39	15.48	14.66	17.45	15.85	12.90	118.72
1933	Critical	8.46	7.59	4.21	2.92	24.36	6.42	8.09	13.57	12.98	15.52	12.95	10.05	127.12
1934	Critical	4.97	4.02	1.56	2.98	3.56	11.61	8.99	12.95	12.37	14.75	11.97	0.76	90.49
1935	Below Normal	8.12	7.08	3.97	3.01	4.10	8.46	20.52	20.43	19.43	21.49	20.58	18.42	155.61
1936	Below Normal	14.64	13.53	11.03	6.65	7.84	26.97	15.92	20.21	18.81	19.38	19.30	18.68	192.96
1937	Below Normal	15.66	14.50	13.59	9.96	23.98	26.97	20.06	24.14	22.70	23.37	23.29	22.57	240.79
1938	Wet	19.56	18.22	17.35	11.63	24.36	26.97	25.65	25.10	23.73	24.38	24.30	23.59	264.84
1939	Dry	20.57	19.16	18.29	13.77	13.21	11.62	17.65	17.58	0.85	23.80	19.42	20.89	196.81
1940	Above Normal	10.35	6.99	17.49	2.87	3.09	10.26	19.82	20.48	19.79	24.86	23.16	18.93	178.09
1941	Wet	14.12	12.96	8.36	4.85	15.27	19.28	20.41	20.16	18.74	19.34	19.26	18.66	191.41
1942	Wet	15.62	14.46	13.57	18.43	23.62	22.87	17.52	17.28	16.25	18.34	17.40	15.34	210.70
1943	Wet	11.57	10.60	8.07	12.73	18.80	19.33	22.36	22.11	20.64	21.30	21.23	20.61	209.35
1944	Dry	17.57	0.17	26.97	7.43	6.71	7.87	14.24	14.14	13.43	16.03	13.59	10.65	148.80
1945	Below Normal	5.60	4.65	2.07	4.71	4.01	23.80	15.86	19.67	18.32	18.88	18.78	18.19	154.54
1946	Below Normal	15.17	14.02	13.12	18.74	22.20	24.91	16.99	16.46	15.18	16.19	15.86	14.87	203.71
1947	Dry	11.59	10.63	9.19	8.25	10.62	10.05	21.08	20.74	19.31	19.82	19.78	19.17	180.23
1948	Below Normal	16.16	14.98	14.08	9.42	8.46	7.04	10.43	16.16	0.83	25.92	23.79	19.46	166.73
1949	Dry	14.61	13.38	8.64	4.55	3.93	7.50	20.85	20.92	20.13	23.49	21.82	20.92	180.74
1950	Below Normal	16.32	15.48	0.10	3.48	3.17	6.51	18.43	18.44	0.81	25.08	23.02	18.82	149.66
1951	Above Normal	14.01	12.85	8.29	20.79	22.13	26.97	13.69	18.13	16.78	17.26	17.21	16.67	204.78
1952	Wet	13.62	12.54	11.62	18.20	22.92	26.97	21.10	19.73	18.25	18.89	18.82	18.25	220.91
1953	Wet	15.22	14.05	13.14	20.03	24.36	20.87	17.69	17.83	16.93	20.09	18.56	15.48	214.25
1954	Above Normal	11.14	10.19	6.57	4.33	13.86	11.68	19.10	19.52	18.68	22.38	20.55	16.83	174.83
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	18.95	19.50	19.43	18.85	202.07
1957	Above Normal	15.79	14.61	13.69	12.50	12.47	15.59	19.75	20.19	19.51	24.86	23.01	18.82	210.79
1958	Wet	14.00	12.86	8.24	1.04	17.01	19.63	25.12	25.03	23.57	24.24	24.21	23.48	218.43
1959	Below Normal	20.46	13.62	26.97	9.98	9.90	11.83	17.31	17.15	0.87	23.26	21.34	17.46	190.15
1960	Dry	12.78	11.70	7.37	2.88	2.76	7.19	21.06	21.20	20.48	25.19	23.39	21.51	177.51
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	6.69	3.01	2.83	9.54	18.78	19.01	0.84	25.97	23.86	19.52	153.11
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	11.71	10.73	8.96	8.27	22.39	17.78	18.20	17.87	16.68	17.96	17.48	16.19	184.22
1965	Wet	12.83	11.78	10.10	12.16	20.74	20.26	17.60	17.30	16.08	18.77	18.13	16.52	192.27
1966	Below Normal	13.04	11.98	9.96	15.21	19.16	16.53	17.83	17.68	16.73	19.37	18.15	15.42	191.06
1967	Wet	11.32	10.36	7.16	3.37	20.43	21.70	24.78	24.81	23.37	24.09	24.02	23.29	218.70
1968	Below Normal	20.25	18.84	20.64	9.22	11.43	12.41	17.72	17.67	0.90	23.99	21.99	18.00	193.06
1969	Wet	13.25	12.16	7.71	9.32	24.36	26.97	19.95	24.00	22.57	23.24	23.17	22.48	229.18
1970	Wet	19.41	18.06	17.18	20.86	22.23	26.97	21.60	17.62	16.28	16.79	16.69	16.15	229.84
1971	Wet	13.10	12.05	11.13	18.05	22.88	20.34	17.75	17.59	16.64	19.14	17.97	15.48	202.12
1972	Below Normal	11.47	10.52	7.55	6.22	16.38	16.63	18.55	18.55	17.72	20.78	19.27	16.12	179.76
1973	Above Normal	11.79	10.80	7.15	2.42	20.32	20.87	14.64	19.00	17.66	18.12	18.05	17.47	178.29
1974	Wet	14.44	13.32	12.41	18.96	21.90	26.97	24.61	19.21	17.89	18.38	18.30	17.75	224.14
1975	Wet	14.69	13.54	12.62	15.23	14.39	22.39	19.06	18.74	17.40	17.86	17.80	17.25	200.97
1976	Critical	14.20	13.11	12.20	10.42	10.92	12.23	19.54	19.75	18.97	23.47	21.52	19.50	195.83
1977	Critical	14.67	13.43	8.70	2.94	2.83	4.93	7.15	2.09	0.00	1.89	0.95	0.77	60.35
1978	Above Normal	0.32	11.26	16.31	2.87	3.65	16.84	19.61	19.46	18.40	20.44	19.53	17.45	166.14
1979	Below Normal	13.75	12.64	10.18	8.11	7.60	21.03	18.90	18.61	17.26	17.71	17.64	17.09	180.52
1980	Above Normal	14.07	12.96	12.09	14.31	25.23	26.97	16.73	21.24	19.83	20.48	20.40	19.78	224.09
1981	Dry	16.76	15.50	14.61	12.37	16.98	16.01	19.60	20.07	19.38	23.62	21.77	17.97	214.64
1982	Wet	13.32	12.24	8.04	9.30	16.22	19.64	24.60	24.47	23.05	23.70	23.61	22.90	221.09
1983	Wet	19.87	18.48	17.59	22.90	24.36	26.97	25.07	21.90	18.17	22.74	22.73	22.07	262.85
1984	Wet	21.82	20.46	26.97	20.49	23.01	26.97	13.44	18.06	16.65	17.23	17.15	16.62	238.87
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	9.59	26.97	23.89	24.99	23.59	24.21	24.20	23.48	227.26
1987	Dry	20.53	7.38	26.97	8.00	7.21	6.39	8.71	8.14	7.49	8.86	6.79	5.00	121.47
1988	Critical	0.35	0.26	0.10	0.35	3.71	5.05	7.26	6.84	6.05	7.30	5.57	4.12	46.96
1989	Dry	0.34	0.24	0.10	0.07	3.77	6.11	20.82	20.58	19.47	21.44	20.59	19.25	132.78
1990	Critical	15.58	14.41	12.02	6.81	6.44	7.02	9.62	9.14	8.61	10.32	7.79	5.72	113.48
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	8.88	8.38	7.70	9.18	7.01	5.22	53.78
1993	Above Normal	0.41	0.26	0.10	2.32	15.32	17.58	18.26	18.11	11.27	21.39	20.32	17.90	143.24
1994	Critical	14.03	12.91	10.11	6.90	7.03	11.64	19.57	19.67	18.92	24.04	4.59	23.54	172.95
1995	Wet	0.29	19.29	18.69	2.97	11.67	12.79	23.22	23.00	21.58	22.20	22.70	22.01	200.41
1996	Wet	19.00	0.17	0.13	7.53	8.31	17.40	18.24	17.76	16.39	16.90	16.83	16.28	154.94
1997	Wet	13.25	12.21	11.31	17.58	24.17	26.97	20.59	20.62	19.18	19.74	19.70	19.11	224.43
1998	Wet	16.06	14.87	13.95	12.45	23.54	25.73	20.13	18.93	17.53	18.15	18.12	17.53	216.99
1999	Wet	14.48	18.97	16.07	18.84	24.36	23.90	13.52	17.94	16.54	17.15	17.11	16.56	215.44
2000	Above Normal	13.50	12.44	11.50	11.52	18.99	16.97	18.98	18.82	17.74	19.99	19.06	16.88	196.39
2001	Dry	13.06	12.03	9.43	6.09	5.84	7.46	12.06	11.90	11.50	13.83	10.66	7.90	121.76
2002	Dry	2.30	1.39	0.08	1.20	3.65	9.48	20.15	19.78	18.35	18.98	18.95	20.37	134.68
2003	Above Normal	9.41	13.40	13.34	1.71	4.24	9.81	17.50	17.48	0.73	23.76	21.85	17.86	151.09
	Average	12.22	11.32	10.20	8.43	12.83	15.94	17.28	17.83	15.30	19.07	17.78	16.16	174.36
	Wet	14.22	13.40	11.65	12.62	19.54	22.79	20.39	20.37	18.95	20.03	19.82	18.92	212.70
	Above Normal	11.81	11.79	11.13	7.36	13.84	16.94	18.08	19.22	16.32	20.87	19.98	17.81	185.14
	Below Normal	13.12	13.31	10.74	8.94	11.57	16.48	17.50	18.70	11.93	21.49	20.36	17.86	182.00
	Dry	11.22	8.71	9.92	5.44	7.58	10.66	16.68	17.37	15.62	19.23	17.57	15.71	155.68
	Critical	8.77	7.92	5.95	4.28	6.64	7.41	10.37	10.61	9.84	12.12	8.49	7.22	99.59

Difference in Energy Use (GWh) At Pumping Plant at Oso: Alternative5_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	(0.02)	(0.11)	0.01	0.01	0.02	0.05	0.04	0.01	0.00
1924	Critical	0.00	0.00	(0.02)	(0.04)	(0.04)	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)
1925	Dry	0.00	0.00	0.00	0.00	(0.01)	(0.15)	0.01	0.01	0.01	0.02	0.02	0.01	(0.01)
1926	Dry	0.01	0.01	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1927	Wet	(0.01)	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.01	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.41)	(0.04)
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	0.72	0.00	0.00	0.00	(0.01)	0.00	0.00	0.06
1933	Critical	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.39	4.88	(2.81)	1.39	1.18	1.32	1.82	0.00	0.68
1935	Below Normal	1.46	2.08	1.53	(0.01)	0.01	(0.10)	0.12	0.19	0.27	0.69	0.46	0.05	0.56
1936	Below Normal	(0.16)	(0.16)	(0.59)	(0.66)	(0.79)	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.20)
1937	Below Normal	0.00	0.00	0.00	0.00	(0.38)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1938	Wet	0.00	0.00	0.00	(0.13)	0.00	0.00	0.46	0.14	0.14	0.16	0.16	0.16	0.09
1939	Dry	0.18	0.18	0.18	0.55	(1.36)	(2.36)	(2.74)	(2.95)	(6.55)	(3.22)	2.18	(4.81)	(1.73)
1940	Above Normal	1.56	(0.50)	(9.48)	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.01	(0.70)
1941	Wet	0.01	0.00	0.00	0.00	0.00	(0.08)	(0.08)	(0.09)	(0.08)	(0.09)	(0.09)	(0.09)	(0.05)
1942	Wet	(0.09)	(0.09)	(0.08)	(0.03)	(0.04)	(0.12)	0.00	0.00	0.00	0.01	0.00	0.00	(0.04)
1943	Wet	0.00	0.00	0.00	(0.01)	(0.14)	(0.14)	(0.10)	(0.10)	(0.10)	(0.10)	(0.11)	(0.11)	(0.08)
1944	Dry	(0.10)	0.00	0.00	(0.49)	(0.43)	(0.14)	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	(3.17)	0.03	0.02	0.03	0.02	0.03	0.02	(0.25)
1946	Below Normal	0.02	0.02	0.03	(0.01)	(2.16)	(0.05)	0.03	0.05	0.07	0.19	0.13	0.01	(0.14)
1947	Dry	(0.03)	(0.03)	(0.15)	(0.30)	0.48	(0.75)	0.06	0.06	0.05	0.06	0.06	0.05	(0.04)
1948	Below Normal	0.05	0.05	0.05	0.02	(0.09)	(0.03)	0.01	(0.63)	0.00	0.02	0.00	(0.01)	(0.05)
1949	Dry	0.00	0.01	0.01	(0.02)	(0.01)	(0.02)	0.02	0.03	0.03	0.10	0.06	(0.07)	0.01
1950	Below Normal	(0.11)	(0.14)	(19.31)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.63)
1951	Above Normal	0.00	0.00	0.00	(6.18)	(2.23)	0.00	0.02	0.01	0.01	0.01	0.02	0.01	(0.69)
1952	Wet	0.02	0.01	0.02	0.00	(2.31)	0.00	(0.10)	(3.21)	(3.19)	(3.25)	(3.25)	(3.17)	(1.54)
1953	Wet	(3.17)	(3.02)	(3.04)	0.12	7.00	6.52	0.54	0.31	4.37	(2.40)	(2.07)	(1.42)	0.31
1954	Above Normal	(1.13)	(0.99)	(0.38)	0.46	3.94	0.81	(0.09)	(0.03)	(0.03)	(0.35)	(0.55)	(0.45)	0.10
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	0.04	0.05	0.05	0.04	(0.37)
1957	Above Normal	0.05	0.04	0.04	0.00	(0.03)	(0.22)	0.00	(0.01)	(0.01)	0.09	0.10	0.07	0.01
1958	Wet	0.07	0.07	0.05	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.01
1959	Below Normal	(0.02)	(1.73)	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.14)
1960	Dry	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	(0.01)	(0.02)	0.00
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)	(18.46)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.57)
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.01	0.00	0.00	0.02	0.00	0.01	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.01	0.01	0.00
1966	Below Normal	0.01	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	0.00	0.00	(0.01)	0.00	(0.01)	0.00
1967	Wet	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	2.70	(0.99)	(1.14)	(0.30)	0.06	0.07	0.00	0.11	0.09	0.08	0.06
1969	Wet	0.07	0.07	0.05	(0.04)	0.00	0.00	(1.38)	1.42	0.03	0.02	0.02	0.03	0.02
1970	Wet	0.02	0.02	0.02	(0.65)	(2.13)	0.00	3.73	(0.22)	(0.22)	(0.21)	(0.21)	(0.21)	0.00
1971	Wet	(0.22)	(0.20)	(0.20)	(0.07)	(0.05)	0.26	(0.07)	(0.11)	(0.13)	(0.24)	(0.18)	(0.05)	(0.11)
1972	Below Normal	0.01	0.01	0.14	0.42	0.09	0.13	0.00	0.00	0.00	(0.02)	(0.01)	0.01	0.06
1973	Above Normal	0.03	0.02	0.05	0.08	(0.01)	0.01	0.01	(0.01)	(0.01)	0.00	0.00	(0.01)	0.01
1974	Wet	(0.01)	0.00	(0.01)	0.00	(2.46)	0.00	(0.50)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.27)
1975	Wet	(0.05)	(0.05)	(0.04)	0.09	0.04	(0.02)	(0.01)	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	(0.01)
1976	Critical	(0.01)	(0.01)	(0.01)	(0.01)	0.01	0.01	0.03	0.03	0.03	0.03	0.03	0.08	0.02
1977	Critical	0.07	0.06	0.05	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	(0.44)	(0.25)	0.00	0.00	(1.02)	0.24	0.42	0.57	1.33	0.92	0.18	0.16
1979	Below Normal	(0.18)	(0.18)	(0.95)	(1.26)	(1.31)	(1.31)	(0.71)	(0.75)	(0.75)	(0.77)	(0.77)	(0.75)	(0.81)
1980	Above Normal	(0.74)	(0.71)	(0.71)	(7.44)	0.00	0.00	(3.92)	(3.45)	(3.43)	(3.50)	(3.50)	(3.42)	(2.57)
1981	Dry	(3.41)	(3.25)	(7.21)	2.13	6.63	4.74	1.57	1.56	18.43	(1.57)	(1.36)	(0.95)	1.44
1982	Wet	(0.74)	(0.68)	(0.29)	0.54	0.47	(0.01)	(0.01)	(0.01)	0.00	(0.01)	(0.01)	(0.01)	(0.06)
1983	Wet	(0.01)	(0.01)	0.00	0.00	2.50	0.00	4.20	(0.25)	(3.97)	0.00	0.00	0.00	0.21
1984	Wet	0.00	0.00	0.00	0.00	(2.22)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.19)
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	(6.67)	0.00	3.05	0.05	0.06	0.06	0.07	0.08	(0.28)
1987	Dry	0.10	(6.96)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.57)
1988	Critical	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.05	0.07	0.08	0.06	0.04	0.02
1989	Dry	0.01	0.00	0.00	0.00	0.01	(0.02)	0.03	0.04	0.05	0.13	0.08	0.36	0.06
1990	Critical	0.32	0.30	0.20	(0.12)	(0.08)	(0.01)	0.06	0.06	0.07	0.08	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	(0.11)	(0.12)	(0.13)	(0.16)	(0.11)	(0.10)	(0.06)
1993	Above Normal	(0.06)	(0.02)	0.00	(0.36)	0.03	0.05	(0.01)	(0.02)	(0.15)	(0.25)	(0.23)	(0.20)	(0.10)
1994	Critical	(0.13)	(0.09)	(0.01)	0.09	0.07	0.02	(0.02)	(0.03)	(0.02)	(0.13)	(1.52)	0.08	(0.14)
1995	Wet	0.00	(6.82)	(8.28)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.51	(1.17)
1996	Wet	0.52	(17.00)	(25.80)	0.31	(0.15)	(0.10)	(0.06)	(0.07)	(0.07)	(0.07)	(0.08)	(0.07)	(3.55)
1997	Wet	(0.07)	(0.07)	(0.07)	(0.02)	(0.01)	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)
1998	Wet	0.00	0.00	0.00	(0.01)	0.00	(0.49)	0.21	(0.11)	(0.11)	(0.11)	(0.10)	(0.10)	(0.07)
1999	Wet	(0.10)	(0.10)	(1.25)	(0.04)	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.13)
2000	Above Normal	0.00	0.00	0.00	0.00	(0.02)	(0.16)	0.03	0.06	0.07	0.15	0.11	0.03	0.02
2001	Dry	(0.01)	(0.01)	(0.10)	(0.15)	(0.13)	(0.04)	0.03	0.03	0.02	0.02	0.02	0.03	(0.02)
2002	Dry	0.04	0.04	0.00	0.03	0.00	0.00	(0.02)	(0.02)	(0.02)	(0.03)	(0.02)	0.19	0.02
2003	Above Normal	0.86	0.01	(13.63)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.06)
	Average	(0.06)	(0.50)	(1.28)	(0.24)	(0.06)	0.09	0.03	(0.07)	0.08	(0.14)	(0.08)	(0.17)	(0.20)
	Wet	(0.13)	(1.06)	(1.49)	(0.21)	(0.24)	0.22	0.38	(0.09)	(0.13)	(0.24)	(0.21)	(0.17)	(0.28)
	Above Normal	0.05	(0.22)	(2.03)	(1.12)	0.14	(0.04)	(0.31)	(0.25)	(0.25)	(0.21)	(0.26)	(0.31)	(0.40)
	Below Normal	0.08	(0.03)	(2.49)	(0.18)	(0.41)	(0.35)	(0.03)	(0.07)	(0.03)	0.02	(0.00)	(0.04)	(0.30)
	Dry	(0.20)	(0.58)	(0.42)	0.08	0.29	0.12	(0.04)	(0.05)	0.69	(0.22)	0.08	(0.27)	(0.04)
	Critical	0.02	0.02	0.02	(0.00)	0.03	0.41	(0.24)	0.12	0.10	0.10	0.03	(0.02)	0.05

Percent Difference in Energy Use (GWh) At Pumping Plant at Oso: Alternative5_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%	-1%	-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%	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%	-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%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	12%	73%	-24%	12%	11%	10%	18%	0%
1935	Below Normal	22%	42%	63%	0%	0%	-1%	1%	1%	1%	3%	2%	0%
1936	Below Normal	-1%	-1%	-5%	-9%	-9%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-1%	0%	0%	2%	1%	1%	1%	1%	1%
1939	Dry	1%	1%	1%	4%	-9%	-17%	-13%	-14%	-89%	-12%	13%	-19%
1940	Above Normal	18%	-7%	-35%	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	-1%	-1%	-1%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	-1%	-1%
1944	Dry	-1%	0%	0%	-6%	-6%	-2%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	-12%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	-9%	0%	0%	0%	0%	1%	1%	0%
1947	Dry	0%	0%	-2%	-4%	5%	-7%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	-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	-1%	-1%	-99%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	-23%	-9%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	-9%	0%	0%	-14%	-15%	-15%	-15%	-15%
1953	Wet	-17%	-18%	-19%	1%	40%	45%	3%	2%	35%	-11%	-10%	-8%
1954	Above Normal	-9%	-9%	-5%	12%	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%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1958	Wet	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	-11%	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%	-1%	-73%	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%	15%	-10%	-9%	-2%	0%	0%	0%	0%	0%	0%
1969	Wet	1%	1%	1%	0%	0%	0%	-6%	6%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	-3%	-9%	0%	21%	-1%	-1%	-1%	-1%	-1%
1971	Wet	-2%	-2%	-2%	0%	0%	1%	0%	-1%	-1%	-1%	-1%	0%
1972	Below Normal	0%	0%	2%	7%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	1%	3%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	-10%	0%	-2%	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%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	-4%	-2%	0%	0%	-6%	1%	2%	3%	7%	5%	1%
1979	Below Normal	-1%	-1%	-9%	-13%	-15%	-6%	-4%	-4%	-4%	-4%	-4%	-4%
1980	Above Normal	-5%	-5%	-6%	-34%	0%	0%	-19%	-14%	-15%	-15%	-15%	-15%
1981	Dry	-17%	-17%	-33%	21%	64%	42%	9%	8%	>1,000%	-6%	-6%	-5%
1982	Wet	-5%	-5%	-3%	6%	3%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	11%	0%	20%	-1%	-18%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	-9%	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%	-41%	0%	15%	0%	0%	0%	0%	0%
1987	Dry	0%	-49%	0%	0%	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%	0%	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	-13%	-7%	0%	-13%	0%	0%	0%	0%	-1%	-1%	-1%	-1%
1994	Critical	-1%	-1%	0%	1%	1%	0%	0%	0%	0%	-1%	-25%	0%
1995	Wet	0%	-26%	-31%	0%	0%	0%	0%	0%	0%	0%	2%	2%
1996	Wet	3%	-99%	-99%	4%	-2%	-1%	0%	0%	0%	0%	0%	0%
1997	Wet	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	-2%	1%	-1%	-1%	-1%	-1%	-1%
1999	Wet	-1%	-1%	-7%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	1%	1%	0%
2001	Dry	0%	0%	-1%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%
2002	Dry	2%	3%	0%	3%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	10%	0%	-51%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	-3%	-5%	-1%	0%	1%	0%	0%	-1%	-1%	0%	-1%
	Wet	-1%	-6%	-6%	-1%	-1%	2%	2%	0%	0%	-1%	-1%	-1%
	Above Normal	0%	-3%	-8%	-5%	3%	0%	-1%	-1%	-1%	-1%	-1%	-1%
	Below Normal	1%	2%	-8%	-2%	-3%	-2%	0%	0%	0%	0%	0%	0%
	Dry	-1%	-4%	-2%	0%	3%	1%	0%	0%	-5%	-1%	1%	-1%
	Critical	0%	0%	0%	0%	1%	6%	-2%	1%	1%	1%	-1%	-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: Alternative5_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	58.22	59.82	60.81	58.69	741.20
1923	Below Normal	55.65	52.83	52.79	90.68	82.18	61.05	44.31	56.16	56.04	55.13	61.25	57.89	725.96
1924	Critical	48.19	44.44	40.24	15.52	17.83	17.75	28.49	38.72	39.90	34.85	34.86	33.45	394.24
1925	Dry	21.90	17.50	15.45	4.33	8.58	24.88	50.51	64.97	65.54	63.18	72.60	67.91	477.35
1926	Dry	54.77	50.61	44.54	4.80	11.11	22.43	39.40	53.19	53.83	51.83	59.65	55.69	501.85
1927	Wet	44.88	41.29	36.45	8.93	37.93	68.76	61.41	64.13	62.55	64.84	65.14	63.06	619.37
1928	Above Normal	61.23	58.50	59.02	48.95	57.04	33.89	70.76	73.32	71.12	73.82	74.32	71.96	753.93
1929	Critical	70.01	67.28	67.70	51.20	48.27	24.24	26.32	42.89	43.99	38.49	38.70	2.51	521.60
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	42.64	42.80	41.03	387.44
1932	Dry	27.18	21.91	19.19	5.71	15.62	24.57	38.06	49.63	50.31	48.23	54.60	51.22	406.23
1933	Critical	40.35	36.84	32.58	4.52	41.65	20.24	39.14	53.38	54.60	50.17	53.98	51.25	478.70
1934	Critical	37.49	32.44	28.69	4.47	11.42	21.12	40.59	54.12	55.26	50.00	46.14	1.51	383.25
1935	Below Normal	50.95	48.24	41.14	4.47	14.37	22.61	61.80	69.44	68.97	69.04	73.46	69.85	594.34
1936	Below Normal	62.34	58.77	56.45	30.87	35.51	90.99	66.06	71.56	69.59	72.18	72.62	70.31	757.25
1937	Below Normal	68.31	65.48	65.93	53.48	82.18	69.40	82.27	87.05	84.38	87.59	88.24	85.47	919.78
1938	Wet	83.34	80.21	80.55	58.60	76.49	90.99	88.05	89.85	86.82	90.63	90.99	88.06	1,004.58
1939	Dry	86.27	82.69	83.24	69.70	66.92	40.31	44.23	55.10	1.73	64.01	6.30	55.50	656.00
1940	Above Normal	2.29	2.34	84.64	4.51	8.88	28.79	50.90	65.45	35.50	60.42	77.02	72.26	493.00
1941	Wet	58.02	53.53	46.95	29.67	60.10	65.92	67.92	70.45	68.63	71.19	71.45	69.20	733.03
1942	Wet	67.29	64.34	64.94	90.68	79.15	81.26	49.26	56.37	56.09	56.01	60.10	57.13	782.62
1943	Wet	50.05	46.63	44.01	69.01	77.18	65.92	75.44	78.05	75.87	78.76	79.08	76.75	816.75
1944	Dry	74.74	0.17	84.64	32.18	31.41	25.95	41.66	54.18	55.03	50.97	55.39	52.61	558.93
1945	Below Normal	38.90	34.06	30.11	8.18	14.49	87.87	65.74	69.41	67.62	70.12	70.51	68.32	625.33
1946	Below Normal	66.33	63.48	63.94	90.68	82.18	90.80	50.24	54.84	53.92	55.25	56.56	54.44	782.66
1947	Dry	50.94	48.14	47.75	42.52	44.43	30.45	70.68	73.16	70.98	73.60	74.08	71.82	698.55
1948	Below Normal	69.87	67.10	67.51	42.92	41.22	22.67	35.43	3.68	1.66	70.58	79.56	74.84	577.04
1949	Dry	59.61	55.27	48.53	7.61	13.50	20.65	56.69	68.37	68.68	66.98	16.03	81.89	563.81
1950	Below Normal	63.39	9.82	65.28	7.20	9.52	17.67	46.80	58.37	1.60	67.71	76.13	71.38	494.87
1951	Above Normal	56.84	52.60	46.47	90.68	82.18	90.99	56.33	62.13	60.83	62.88	63.05	61.11	786.09
1952	Wet	59.28	56.48	57.15	90.68	85.12	90.99	69.36	68.45	66.57	69.18	69.41	67.29	849.96
1953	Wet	65.50	62.40	63.05	90.68	77.44	73.08	43.71	56.13	56.28	55.01	61.83	58.32	763.43
1954	Above Normal	47.64	43.79	38.98	13.94	55.67	34.74	48.22	61.61	61.91	59.90	68.56	64.30	599.26
1955	Dry	51.69	47.58	41.69	8.99	18.01	26.55	44.98	56.51	56.95	55.08	62.93	58.92	529.88
1956	Wet	47.21	43.42	38.28	51.76	78.84	90.99	66.93	70.66	69.09	71.44	71.64	69.50	769.76
1957	Above Normal	67.54	64.48	65.14	61.73	58.68	50.91	50.45	64.28	21.60	64.23	77.33	72.70	719.07
1958	Wet	57.92	53.62	47.00	10.19	67.77	67.60	86.35	89.64	87.15	90.29	90.83	88.06	836.42
1959	Below Normal	85.99	2.94	84.64	38.87	41.40	34.15	43.15	53.56	1.79	62.36	69.87	65.51	584.23
1960	Dry	52.03	47.93	42.38	4.52	7.23	20.33	57.79	69.69	36.98	71.70	45.67	80.90	537.15
1961	Dry	67.04	62.31	56.46	13.96	17.53	17.63	45.02	56.06	56.87	54.75	38.68	13.30	499.61
1962	Below Normal	0.36	29.69	84.64	4.75	7.99	26.42	47.84	60.39	1.69	70.14	79.02	74.12	487.05
1963	Wet	59.05	54.64	48.25	56.12	58.95	55.64	49.42	55.76	54.94	55.91	57.98	55.68	662.34
1964	Dry	51.19	48.14	47.11	44.90	85.12	58.75	55.83	60.07	59.22	60.32	62.34	59.78	692.77
1965	Wet	55.49	52.30	51.42	65.64	82.18	69.62	52.53	57.51	16.28	62.21	64.85	62.09	692.12
1966	Below Normal	56.36	52.91	51.25	82.82	79.81	54.35	45.77	56.44	56.45	55.41	61.31	57.89	710.77
1967	Wet	48.63	44.90	40.93	20.76	82.18	75.87	85.09	88.66	86.26	89.39	89.91	87.21	839.79
1968	Below Normal	85.03	65.83	84.64	39.69	48.32	36.17	44.14	55.17	1.87	64.13	71.63	67.31	663.93
1969	Wet	53.27	49.12	43.38	51.39	76.28	90.99	80.85	85.21	83.00	85.89	86.32	83.75	869.45
1970	Wet	81.56	78.08	78.70	90.68	82.18	90.99	71.16	60.19	58.98	60.93	61.10	59.15	873.70
1971	Wet	57.40	54.62	55.29	90.68	80.95	68.90	46.05	56.60	56.56	55.89	61.14	57.89	741.97
1972	Below Normal	49.27	45.70	42.18	36.15	66.58	54.55	48.55	59.13	59.45	57.84	64.85	61.05	645.30
1973	Above Normal	50.28	46.45	41.72	17.30	69.49	68.18	60.69	65.78	64.38	66.40	66.67	64.56	681.90
1974	Wet	62.72	59.80	60.40	90.68	82.18	90.99	82.59	66.19	64.91	66.94	67.15	65.15	859.70
1975	Wet	63.30	60.23	60.90	80.83	65.81	80.89	62.81	65.07	63.57	65.70	66.02	64.02	799.15
1976	Critical	62.07	59.32	59.87	50.29	52.52	37.77	49.77	62.62	44.26	62.83	31.08	75.46	647.86
1977	Critical	59.77	55.06	33.73	4.68	7.44	10.09	20.07	1.33	0.00	1.89	3.73	1.68	199.47
1978	Above Normal	0.47	11.82	38.16	4.10	17.99	56.36	56.62	65.69	65.15	65.27	69.52	66.09	517.24
1979	Below Normal	59.15	55.41	53.11	33.40	35.93	74.54	62.59	65.15	63.55	65.71	66.07	64.07	698.68
1980	Above Normal	62.12	59.36	59.83	76.50	78.84	90.99	68.27	74.42	72.57	75.27	75.56	73.26	866.99
1981	Dry	71.40	68.08	68.71	59.90	77.11	52.88	49.79	64.07	47.81	64.25	72.67	68.33	765.00
1982	Wet	55.30	51.07	45.29	50.97	63.50	67.01	84.15	87.23	84.98	87.85	88.29	85.62	851.26
1983	Wet	83.56	79.98	80.57	84.64	75.92	90.99	80.93	83.18	79.02	83.93	84.32	81.83	988.87
1984	Wet	85.44	76.96	51.54	90.68	85.12	90.99	55.38	61.75	60.28	62.55	62.71	60.80	844.20
1985	Dry	58.87	56.15	57.00	90.68	56.91	64.01	57.42	61.00	59.90	61.83	61.97	59.95	745.69
1986	Wet	58.24	55.51	56.16	52.01	55.04	90.99	87.03	90.45	87.24	90.99	90.99	88.06	902.71
1987	Dry	86.98	3.46	84.64	35.43	34.39	18.80	27.31	35.91	37.00	32.33	32.50	31.16	459.91
1988	Critical	20.63	16.41	14.50	4.38	12.23	10.15	20.61	28.44	29.34	25.92	25.75	24.62	232.98
1989	Dry	15.93	12.43	11.14	6.16	12.88	15.17	63.10	70.41	69.58	70.12	60.25	72.63	479.80
1990	Critical	65.58	61.90	59.84	32.81	32.87	22.67	31.54	41.75	43.01	37.60	37.72	36.22	503.51
1991	Critical	24.01	19.22	16.90	4.26	7.50	10.17	21.35	27.94	28.89	25.52	25.44	24.42	235.62
1992	Critical	15.89	12.42	11.13	4.22	7.42	10.07	28.15	37.20	38.18	33.41	32.03	32.72	262.84
1993	Above Normal	15.32	11.75	22.60	4.47	60.89	59.13	52.42	59.79	3.50	67.01	71.96	68.59	497.43
1994	Critical	60.00	56.04	52.66	29.14	32.62	33.46	49.85	62.41	23.42	65.67	5.77	19.93	490.97
1995	Wet	0.34	19.08	84.64	4.74	47.86	39.65	79.31	82.23	79.86	68.00	85.17	82.55	673.43
1996	Wet	20.73	0.17	65.94	41.38	35.13	58.27	59.45	61.20	59.74	61.93	62.20	60.17	586.31
1997	Wet	58.36	55.76	56.34	90.68	77.02	90.99	69.58	71.91	70.08	72.58	72.84	70.65	856.79
1998	Wet	68.68	65.62	66.26	61.01	79.15	90.99	66.56	66.06	64.34	66.98	67.32	65.16	828.13
1999	Wet	63.17	61.81	64.32	90.68	76.61	62.40	55.71	61.41	59.97	62.40	62.61	60.60	781.69
2000	Above Normal	58.77	56.02	56.70	55.29	84.06	57.40	54.51	62.65	62.06	62.38	66.82	63.46	740.12
2001	Dry	55.90	52.43	49.85	27.91	28.55	23.48	41.19	55.15	56.49	50.02	51.24	49.20	541.41
2002	Dry	33.40	27.54	24.13	8.66	18.08	25.69	67.30	69.64	67.50	70.41	18.63	76.52	507.50
2003	Above Normal	2.11	0.17	84.64	13.51	21.00	26.84	43.49	54.53	1.34	63.60	71.09	66.73	449.05
	Average	52.69	46.26	52.56	39.89	48.53	50.81	54.57	61.02	53.00	61.96	61.01	60.70	643.01
	Wet	58.03	54.68	57.26	62.07	71.00	76.99	68.35	70.94	67.66	71.05	72.75	70.30	801.06
	Above Normal	42.97	40.94	56.12	34.25	54.27	54.92	55.76	64.08	48.18	65.08	70.23	66.98	653.77
	Below Normal	57.99	46.59	60.26	40.30	45.83	53.09	53.19	58.60	42.04	65.94	70.79	67.32	661.94
	Dry	52.39	40.83	47.68	26.23	31.00	29.33	49.60	59.54	53.91	58.91	49.99	58.83	558.23
	Critical	45.09	41.11	37.17	17.48	23.51	19.56	32.63	41.53	37.47	39.08	31.50	28.73	394.87

Difference in Energy Use (GWh) At Pumping Plant at Pearblossom: Alternative5_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	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	(0.01)	0.00	0.00	(0.42)	(0.04)	0.03	0.04	0.01	0.07	0.05	(0.02)
1924	Critical	(0.02)	(0.03)	(0.06)	(0.31)	(0.26)	(0.07)	0.01	0.01	0.02	0.01	0.01	0.02	(0.06)
1925	Dry	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.03	0.04	0.04	0.03	0.04	0.04	0.02
1926	Dry	0.03	0.03	0.03	0.00	(0.02)	(0.01)	(0.05)	(0.04)	(0.04)	(0.03)	(0.04)	(0.04)	(0.02)
1927	Wet	(0.03)	(0.03)	(0.02)	0.00	(0.04)	0.00	0.00	0.00	0.01	0.00	0.00	0.00	(0.01)
1928	Above Normal	0.00	0.00	0.00	(0.01)	(0.05)	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.01)	(0.02)	(0.01)	1.01	0.08
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)	(0.01)	(0.02)	(0.02)	(0.01)
1932	Dry	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	(1.79)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.15)
1934	Critical	0.00	0.00	0.00	0.01	2.11	3.16	(0.63)	(0.96)	(1.19)	0.66	28.66	0.00	2.65
1935	Below Normal	(6.85)	(0.14)	1.75	0.10	(0.17)	(0.15)	(1.65)	(0.11)	0.18	(0.42)	0.67	0.36	(0.54)
1936	Below Normal	(1.09)	(1.31)	(2.12)	(4.97)	(4.24)	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(1.15)
1937	Below Normal	0.00	0.00	0.00	0.00	0.95	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00	0.08
1938	Wet	0.00	0.00	0.00	(1.46)	0.17	0.00	1.62	0.63	(0.21)	0.69	0.60	0.36	0.20
1939	Dry	0.77	0.76	0.75	5.80	0.22	(4.94)	(7.73)	(10.00)	0.00	(3.84)	4.33	(9.12)	(1.92)
1940	Above Normal	1.97	2.17	25.26	(0.07)	0.04	0.01	0.01	0.01	0.19	(0.19)	0.02	0.02	2.45
1941	Wet	0.01	0.01	0.01	(0.03)	0.00	(0.37)	(0.32)	(0.35)	(0.33)	(0.35)	(0.35)	(0.34)	(0.20)
1942	Wet	(0.34)	(0.32)	(0.32)	0.00	0.09	(0.50)	(0.01)	0.01	0.01	0.01	0.01	0.01	(0.11)
1943	Wet	0.00	(0.01)	(0.02)	(0.08)	(0.66)	(0.56)	(0.38)	(0.39)	(0.39)	(0.40)	(0.40)	(0.39)	(0.31)
1944	Dry	(0.38)	0.00	0.00	(2.96)	(2.64)	(0.87)	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	(0.02)	(0.58)
1945	Below Normal	(0.01)	(0.01)	(0.01)	0.00	(0.01)	(3.12)	0.10	0.11	0.10	0.10	0.11	0.11	(0.21)
1946	Below Normal	0.10	0.10	0.11	0.00	5.43	(0.16)	(0.39)	0.02	0.07	(0.08)	0.20	0.13	0.46
1947	Dry	(0.27)	(0.33)	(0.57)	(1.30)	(1.07)	(0.05)	0.20	0.21	0.21	0.20	0.21	0.21	(0.20)
1948	Below Normal	0.20	0.20	0.20	(2.79)	(2.22)	(0.82)	0.01	2.37	0.00	(0.02)	(0.05)	0.23	(0.22)
1949	Dry	0.09	0.04	(0.36)	(0.03)	(0.05)	(0.03)	(0.28)	(0.07)	(0.02)	(0.12)	(1.03)	0.51	(0.11)
1950	Below Normal	0.54	0.75	49.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.19
1951	Above Normal	0.00	0.00	0.00	15.57	5.59	0.00	0.07	0.06	0.06	0.06	0.06	0.06	1.79
1952	Wet	0.05	0.06	0.06	0.00	5.80	0.00	(0.32)	(12.62)	(12.20)	(12.60)	(12.72)	(12.38)	(4.74)
1953	Wet	(12.23)	(11.87)	(11.83)	0.00	2.26	29.22	1.56	1.74	54.86	(5.25)	(5.88)	(5.29)	3.11
1954	Above Normal	(2.83)	(2.62)	(1.89)	5.26	14.39	3.38	(0.32)	(0.15)	7.01	3.73	(1.48)	(1.45)	1.92
1955	Dry	(1.05)	(0.98)	(0.89)	0.06	0.55	0.71	1.07	1.38	1.38	1.32	1.52	1.43	0.54
1956	Wet	1.17	1.08	0.94	(1.70)	0.08	0.00	0.25	0.23	0.21	0.22	0.23	0.22	0.24
1957	Above Normal	0.21	0.22	0.21	0.08	0.07	(1.03)	(0.01)	(0.03)	(1.60)	(0.15)	0.07	0.12	(0.15)
1958	Wet	0.05	0.04	0.01	(0.01)	(0.05)	(0.04)	(0.03)	(0.03)	(0.04)	(0.03)	(0.04)	0.00	(0.01)
1959	Below Normal	(0.05)	2.77	0.00	0.06	(0.01)	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.23
1960	Dry	0.01	0.00	0.00	0.00	0.01	(0.06)	0.01	0.01	0.12	0.00	0.41	(0.07)	0.04
1961	Dry	(0.06)	(0.05)	(0.03)	0.03	0.03	0.02	0.00	0.01	0.01	0.01	(0.04)	0.02	0.00
1962	Below Normal	0.00	0.57	46.06	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	3.89
1963	Wet	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.01	0.09	0.00	0.04	0.00	(0.01)	(0.01)	(0.01)	(0.02)	(0.01)	0.01
1965	Wet	0.00	0.00	0.00	0.03	0.00	0.00	(0.01)	0.00	(0.20)	0.02	0.03	0.03	(0.01)
1966	Below Normal	0.00	0.00	(0.01)	(0.05)	(0.05)	0.00	0.01	0.00	0.00	0.00	0.00	(0.01)	(0.01)
1967	Wet	0.01	0.00	0.00	0.02	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1968	Below Normal	0.00	(15.58)	2.67	(3.52)	(4.15)	(1.10)	0.20	0.26	0.00	0.30	0.35	0.32	(1.69)
1969	Wet	0.26	0.25	0.22	(0.21)	0.06	0.00	0.09	0.11	0.10	0.10	0.11	0.10	0.10
1970	Wet	0.10	0.09	0.10	1.78	5.49	0.00	13.44	(0.78)	(0.76)	(0.78)	(0.79)	(0.77)	1.43
1971	Wet	(0.76)	(0.72)	(0.72)	0.00	0.10	1.20	0.24	(0.16)	(0.23)	(0.06)	(0.40)	(0.31)	(0.15)
1972	Below Normal	0.10	0.17	0.41	1.98	0.79	0.53	0.16	0.09	0.07	0.10	0.03	0.04	0.37
1973	Above Normal	0.12	0.13	0.19	0.36	0.01	(0.44)	0.45	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	0.06
1974	Wet	(0.02)	(0.03)	(0.03)	0.00	6.19	0.00	0.31	(0.19)	(0.19)	(0.19)	(0.20)	(0.19)	0.46
1975	Wet	(0.19)	(0.18)	(0.18)	0.49	0.13	(0.12)	(0.04)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.03)
1976	Critical	(0.05)	(0.05)	(0.05)	(0.01)	0.00	0.06	0.09	0.12	0.38	0.08	(0.31)	0.11	0.03
1977	Critical	0.05	0.05	(1.52)	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.03	(0.12)
1978	Above Normal	0.00	1.05	0.36	0.00	0.00	(4.43)	(1.83)	0.19	0.68	(0.35)	1.61	1.01	(0.14)
1979	Below Normal	(1.55)	(1.95)	(3.38)	(9.25)	(7.90)	(5.88)	(2.77)	(2.95)	(2.86)	(2.95)	(2.98)	(2.89)	(3.94)
1980	Above Normal	(2.86)	(2.77)	(2.76)	23.38	0.17	0.00	(15.39)	(13.68)	(13.17)	(13.63)	(13.78)	(13.41)	(5.66)
1981	Dry	(13.21)	9.95	(15.93)	17.56	35.28	20.71	4.38	5.69	45.77	(3.47)	(3.47)	(3.13)	8.34
1982	Wet	(1.44)	(1.37)	(1.02)	2.95	2.10	(0.06)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	0.08
1983	Wet	(0.03)	(0.03)	(0.03)	0.00	(6.26)	0.00	2.11	0.00	(2.10)	0.00	0.00	0.00	(0.53)
1984	Wet	0.00	0.00	(33.10)	0.00	5.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(2.29)
1985	Dry	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.23	(0.15)	0.13	0.00	0.00	0.04
1987	Dry	0.37	3.29	0.00	(0.04)	(0.04)	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	0.29
1988	Critical	(0.02)	(0.01)	(0.01)	0.00	0.02	0.00	0.00	0.34	0.35	0.29	0.30	0.29	0.13
1989	Dry	0.20	0.17	0.14	(0.05)	(0.09)	(0.12)	(0.27)	0.01	0.05	(0.05)	(7.12)	1.21	(0.49)
1990	Critical	0.84	0.74	0.56	(0.89)	(0.66)	(0.13)	0.24	0.33	0.35	0.30	0.29	0.29	0.19
1991	Critical	0.20	0.16	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	(0.50)	(0.69)	(0.70)	(0.61)	(0.43)	(0.66)	(0.30)
1993	Above Normal	1.38	0.06	(1.78)	0.03	0.10	0.19	0.10	(0.01)	1.84	0.12	(0.02)	0.19	0.18
1994	Critical	0.24	0.18	0.06	0.45	0.39	0.05	(0.06)	(0.09)	2.24	(0.32)	3.79	(0.25)	0.56
1995	Wet	0.00	16.77	20.66	0.00	0.00	0.00	0.00	0.00	0.00	(14.91)	1.71	1.65	2.16
1996	Wet	(58.13)	(14.26)	29.24	1.46	(0.55)	(0.42)	(0.28)	(0.29)	(0.28)	(0.29)	(0.30)	(0.28)	(3.70)
1997	Wet	(0.28)	(0.27)	(0.27)	0.00	0.04	0.00	(0.02)	(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.08)
1998	Wet	(0.02)	(0.02)	(0.02)	(0.08)	0.01	0.00	0.71	(0.41)	(0.40)	(0.41)	(0.41)	(0.41)	(0.12)
1999	Wet	(0.40)	(0.39)	2.96	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.18
2000	Above Normal	0.00	0.00	0.00	0.00	(0.05)	(0.74)	(0.25)	0.04	0.09	(0.02)	0.19	0.13	(0.05)
2001	Dry	(0.14)	(0.19)	(0.34)	(1.09)	(0.91)	(0.27)	(0.01)	(0.02)	(0.02)	0.01	0.05	0.04	(0.24)
2002	Dry	0.06	0.07	0.06	0.00	0.00	(0.01)	(0.09)	(0.09)	(0.09)	(0.09)	(1.97)	(1.04)	(0.27)
2003	Above Normal	1.83	0.00	34.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.01
	Average	(1.14)	(0.16)	1.67	0.57	0.74	0.39	(0.07)	(0.37)	0.96	(0.65)	(0.11)	(0.52)	0.11
	Wet	(2.78)	(0.43)	0.26	0.12	0.79	1.09	0.73	(0.48)	1.45	(1.32)	(0.73)	(0.70)	(0.16)
	Above Normal	(0.01)	(0.15)	4.49	3.72	1.69	(0.26)	(1.43)	(1.13)	(0.41)	(0.87)	(1.11)	(1.11)	0.28
	Below Normal	(0.62)	(1.03)	6.76	(1.32)	(0.83)	(0.79)	(0.31)	(0.01)	(0.17)	(0.21)	(0.11)	(0.12)	0.10
	Dry	(0.75)	0.72	(0.94)	1.00	1.74	0.84	(0.15)	(0.16)	2.63	(0.34)	(0.40)	(0.56)	0.30
	Critical	0.10	0.09	(0.07)	(0.06)	(0.02)	0.26	(0.07)	(0.08)	0.12	0.03	2.69	0.07	0.25

Percent Difference in Energy Use (GWh) At Pumping Plant at Pearblossom: Alternative5_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%	-2%	-1%	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%	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%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	23%	18%	-2%	-2%	-2%	1%	164%	0%
1935	Below Normal	-12%	0%	4%	2%	-1%	-1%	-3%	0%	0%	-1%	1%	1%
1936	Below Normal	-2%	-2%	-4%	-14%	-11%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	-2%	0%	0%	2%	1%	0%	1%	1%	0%
1939	Dry	1%	1%	1%	9%	0%	-11%	-15%	-15%	0%	-6%	220%	-14%
1940	Above Normal	616%	>1,000%	43%	-2%	0%	0%	0%	0%	1%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1942	Wet	-1%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	-1%	-1%	-1%	0%	-1%	-1%	-1%	-1%
1944	Dry	-1%	0%	0%	-8%	-8%	-3%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	7%	0%	-1%	0%	0%	0%	0%	0%
1947	Dry	-1%	-1%	-1%	-3%	-2%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-6%	-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%	8%	301%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	21%	7%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	7%	0%	0%	-16%	-15%	-15%	-15%	-16%
1953	Wet	-16%	-16%	-16%	0%	3%	67%	4%	3%	>1,000%	-9%	-9%	-8%
1954	Above Normal	-6%	-6%	-5%	61%	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%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	-2%	0%	0%	-7%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	>1,000%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	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%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1966	Below Normal	0%	0%	0%	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%	-19%	3%	-8%	-8%	-3%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	2%	7%	0%	23%	-1%	-1%	-1%	-1%	-1%
1971	Wet	-1%	-1%	-1%	0%	0%	2%	1%	0%	0%	0%	-1%	-1%
1972	Below Normal	0%	0%	1%	6%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	2%	0%	-1%	1%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	8%	0%	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%	0%	0%	0%	1%	0%	-1%	0%
1977	Critical	0%	0%	-4%	0%	0%	0%	0%	0%	0%	-1%	0%	2%
1978	Above Normal	0%	10%	1%	0%	0%	-7%	-3%	0%	1%	-1%	2%	2%
1979	Below Normal	-3%	-3%	-6%	-22%	-18%	-7%	-4%	-4%	-4%	-4%	-4%	-4%
1980	Above Normal	-4%	-4%	-4%	44%	0%	0%	-18%	-16%	-15%	-15%	-15%	-15%
1981	Dry	-16%	17%	-19%	41%	84%	64%	10%	10%	>1,000%	-5%	-5%	-4%
1982	Wet	-3%	-3%	-2%	6%	3%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	-8%	0%	3%	0%	-3%	0%	0%	0%
1984	Wet	0%	0%	-39%	0%	7%	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%	>1,000%	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%	1%	1%	-1%	-1%	-1%	0%	0%	0%	0%	-11%	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%	-1%	-2%
1993	Above Normal	10%	1%	-7%	1%	0%	0%	0%	0%	111%	0%	0%	0%
1994	Critical	0%	0%	0%	2%	1%	0%	0%	0%	11%	0%	191%	-1%
1995	Wet	0%	726%	32%	0%	0%	0%	0%	0%	0%	-18%	2%	2%
1996	Wet	-74%	-99%	80%	4%	-2%	-1%	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%	1%	-1%	-1%	-1%	-1%	-1%
1999	Wet	-1%	-1%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	-4%	-3%	-1%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-10%	-1%
2003	Above Normal	654%	0%	68%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	14%	8%	7%	2%	2%	1%	0%	2%	1%	-1%	6%	0%
	Wet	-4%	23%	2%	0%	1%	3%	1%	-1%	-1%	-2%	-1%	-1%
	Above Normal	106%	0%	8%	11%	4%	0%	-2%	-1%	9%	-1%	-1%	-1%
	Below Normal	-1%	-1%	30%	-3%	-2%	-1%	0%	13%	0%	0%	0%	0%
	Dry	-1%	1%	-1%	2%	4%	3%	0%	0%	0%	0%	11%	-1%
	Critical	0%	0%	0%	0%	1%	1%	0%	0%	1%	0%	30%	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: Alternative5_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	6.32	61.02
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	12.93	12.21	11.09	90.64
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	1.15	4.57	0.63	18.08	7.49	4.34	7.47	9.23	10.77	10.48	9.67	85.76
1934	Critical	1.89	1.19	2.74	0.49	1.07	10.71	8.62	7.35	8.91	10.21	10.09	1.31	64.58
1935	Below Normal	3.11	4.24	5.77	0.44	1.33	10.74	14.23	13.35	14.92	15.79	14.97	14.73	113.62
1936	Below Normal	5.29	5.94	8.48	0.86	1.74	21.07	15.33	15.36	15.83	15.59	14.78	15.44	135.71
1937	Below Normal	6.17	7.37	10.27	0.97	18.47	8.50	15.73	18.61	18.96	18.56	17.57	18.62	159.80
1938	Wet	9.21	9.92	12.66	1.50	11.03	20.06	20.06	19.19	19.89	19.50	18.53	19.35	180.90
1939	Dry	9.71	10.25	12.85	1.43	2.02	10.98	10.02	9.10	11.40	13.43	12.74	11.66	115.59
1940	Above Normal	2.17	2.83	5.23	0.70	0.84	11.48	10.81	10.67	13.41	15.66	14.91	13.63	102.34
1941	Wet	3.95	4.04	6.19	5.27	9.55	18.85	16.56	15.11	15.76	15.54	14.76	15.26	140.84
1942	Wet	5.91	7.14	9.98	10.34	9.08	16.53	11.49	10.31	12.09	13.20	12.59	11.97	130.63
1943	Wet	2.57	3.67	6.31	9.57	9.55	17.95	17.82	16.59	17.23	17.02	16.17	16.76	151.21
1944	Dry	7.27	3.35	13.97	1.02	1.30	10.62	8.82	7.73	9.44	10.94	10.67	9.95	95.08
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	4.84	7.04	0.48	0.83	10.33	10.23	9.47	11.84	14.00	13.28	12.12	99.14
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	8.19	12.53	10.45	10.05	12.63	14.95	14.20	13.02	107.68
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	19.15	19.80	19.42	18.55	19.33	160.92
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	15.10	18.11	18.87	18.57	17.71	18.31	161.63
1970	Wet	8.67	9.36	11.98	11.40	10.06	21.07	11.62	12.94	13.63	13.46	12.78	13.09	150.06
1971	Wet	3.84	5.42	8.37	10.76	9.14	15.10	10.17	9.95	11.93	13.37	12.83	12.04	122.92
1972	Below Normal	2.50	3.48	6.02	3.66	8.73	16.23	10.69	9.91	12.19	14.03	13.47	12.42	113.33
1973	Above Normal	2.79	3.47	5.86	2.74	19.03	13.22	11.58	14.31	14.93	14.63	13.91	14.37	130.84
1974	Wet	5.11	6.48	9.40	11.57	11.51	19.37	15.73	14.19	15.01	14.75	14.08	14.43	151.63
1975	Wet	5.09	6.38	9.24	6.46	3.17	19.03	15.56	13.99	14.53	14.23	13.53	14.10	135.31
1976	Critical	4.83	6.27	9.23	1.23	1.82	11.19	10.61	10.27	12.00	15.25	14.43	13.24	110.37
1977	Critical	3.62	3.82	6.03	0.75	0.70	9.36	6.14	3.36	0.00	1.69	0.82	4.50	40.79
1978	Above Normal	0.46	1.70	4.22	0.31	1.41	16.96	12.87	12.71	14.22	15.16	14.39	14.07	108.48
1979	Below Normal	4.69	5.40	7.98	1.09	1.78	19.38	15.72	14.13	14.58	14.31	13.54	14.20	126.80
1980	Above Normal	4.97	6.40	9.39	8.75	19.71	13.93	12.89	15.94	16.66	16.44	15.64	16.14	156.86
1981	Dry	6.75	7.78	10.54	1.35	4.73	13.50	10.63	10.71	13.38	15.46	14.70	13.55	123.08
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	9.62	12.25	21.07	15.98	0.00	0.15	2.37	3.56	17.20	17.38	17.93	126.52
1984	Wet	20.26	16.94	14.85	3.40	0.82	9.42	10.42	13.31	14.00	13.85	13.17	13.51	143.95
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	0.34	0.04	0.04	5.89	14.50	13.62	15.07	15.85	14.97	14.87	96.82
1990	Critical	5.48	6.18	8.75	0.84	1.25	10.01	7.30	5.29	6.34	7.20	7.22	6.79	72.65
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	6.95	4.87	5.71	6.44	6.49	6.07	43.03
1993	Above Normal	1.19	0.88	0.44	0.03	5.61	17.74	12.29	11.18	12.94	14.05	13.42	12.85	102.62
1994	Critical	3.38	4.28	6.86	1.16	1.77	11.66	10.71	10.25	10.01	15.74	14.90	13.66	104.38
1995	Wet	2.56	4.94	6.91	0.77	7.25	13.68	18.86	17.63	18.15	17.80	16.90	17.77	143.22
1996	Wet	8.34	3.82	14.49	7.15	4.22	17.41	15.00	13.16	13.75	13.56	12.89	13.27	137.06
1997	Wet	4.09	5.65	8.65	10.73	10.46	21.07	14.79	15.43	16.12	15.84	15.11	15.58	153.52
1998	Wet	6.12	7.28	10.06	1.33	9.82	18.74	15.92	14.27	14.92	14.76	14.07	14.55	141.84
1999	Wet	5.23	20.39	14.29	13.25	14.54	14.83	10.49	13.24	13.96	13.70	13.13	13.45	160.50
2000	Above Normal	4.19	5.66	8.57	1.25	7.12	14.91	12.80	12.08	13.76	14.71	14.02	13.61	122.68
2001	Dry	4.14	4.92	7.49	0.82	1.24	10.51	8.26	7.16	8.49	9.53	9.57	9.02	81.15
2002	Dry	1.81	1.30	0.90	0.68	1.42	11.11	16.77	15.10	15.49	15.14	14.30	15.17	109.19
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	4.49	5.11	7.50	3.90	6.03	13.59	11.86	11.47	12.62	13.77	13.15	12.84	116.33
	Wet	5.29	6.43	8.84	7.63	9.68	17.07	14.50	14.26	15.15	15.69	14.98	15.31	144.81
	Above Normal	4.86	4.78	7.04	3.53	7.79	14.08	12.19	12.35	13.90	14.81	14.08	13.77	123.17
	Below Normal	4.77	5.94	8.42	3.32	4.92	14.21	11.90	11.65	13.28	14.38	13.66	13.26	119.71
	Dry	3.91	4.10	6.93	1.40	2.92	10.76	10.80	10.34	11.53	13.47	12.87	12.29	101.31
	Critical	2.93	3.13	4.85	0.62	2.36	9.07	7.36	6.06	6.72	8.31	8.06	6.90	66.36

Difference in Energy Use (GWh) At Pumping Plant at South Bay: Alternative5_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	0.00	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)	0.00	(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	(0.01)	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	0.19	0.27	0.40	0.48	0.73	0.98	0.77	(1.16)	0.22
1935	Below Normal	1.32	1.22	0.80	0.11	(0.01)	0.00	(0.70)	(0.45)	(0.14)	0.19	0.18	(0.09)	0.20
1936	Below Normal	(0.15)	(0.33)	(0.45)	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	(0.20)	(0.32)	(1.01)	0.76	0.11	0.10	0.10	0.09	0.11	(0.02)
1939	Dry	0.10	0.09	0.08	(0.01)	(0.14)	(0.59)	(1.01)	(1.55)	(1.59)	(2.37)	(2.26)	(2.10)	(0.95)
1940	Above Normal	(1.86)	(1.27)	(1.01)	(0.07)	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	(0.35)
1941	Wet	0.00	0.00	0.00	(0.01)	0.00	(0.06)	(0.06)	(0.07)	(0.08)	(0.08)	(0.06)	(0.07)	(0.04)
1942	Wet	(0.07)	(0.05)	(0.05)	0.01	0.01	(0.05)	0.00	(0.01)	0.00	0.01	0.00	0.00	(0.02)
1943	Wet	0.00	0.00	(0.01)	0.00	(0.09)	(0.09)	(0.07)	(0.08)	(0.09)	(0.09)	(0.08)	(0.09)	(0.06)
1944	Dry	(0.07)	(0.02)	(0.02)	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)	(0.06)	(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	2.52	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	0.00	(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)	0.02	0.01	0.01	0.02	0.01	0.02	0.01
1970	Wet	0.02	0.01	0.01	(0.33)	(0.28)	0.00	(0.21)	(0.17)	(0.18)	(0.18)	(0.17)	(0.17)	(0.14)
1971	Wet	(0.16)	(0.13)	(0.11)	0.06	0.06	0.35	0.12	0.10	0.04	(0.05)	(0.06)	(0.01)	0.02
1972	Below Normal	0.01	0.06	0.09	0.09	(0.14)	0.00	0.05	0.05	0.03	0.01	0.01	0.02	0.02
1973	Above Normal	0.02	0.03	0.04	(1.23)	0.00	0.50	0.00	0.00	(0.01)	(0.01)	0.00	0.00	(0.05)
1974	Wet	(0.01)	0.00	0.00	0.00	(0.03)	(0.03)	(0.03)	(0.04)	(0.04)	(0.05)	(0.03)	(0.04)	(0.02)
1975	Wet	(0.04)	(0.03)	(0.03)	0.13	0.04	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1976	Critical	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.01	0.02	0.00	0.03	0.03	0.02	0.01
1977	Critical	0.03	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	0.46	(0.31)	(0.16)	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)	(0.50)	(0.61)	(0.63)	(0.60)	(0.58)	(0.62)	(0.46)
1980	Above Normal	(0.57)	(0.46)	(0.42)	(4.62)	7.82	1.26	(2.96)	(2.91)	(2.88)	(2.79)	(2.64)	(2.89)	(1.17)
1981	Dry	(2.72)	(2.25)	(2.09)	0.00	2.75	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)	(0.01)	(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	(1.60)	(14.67)	(14.14)	(5.40)	0.00	0.00	0.00	0.00	0.00	0.00	(2.98)
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	0.00	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	0.03	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	(0.05)	(0.08)	(0.09)	(0.10)	(0.11)	(0.10)	(0.04)
1993	Above Normal	(0.03)	(0.02)	(0.01)	0.00	(0.12)	0.03	0.05	0.04	0.01	(0.01)	(0.02)	0.01	(0.01)
1994	Critical	0.01	0.02	0.03	0.00	0.00	(0.01)	(0.01)	(0.02)	0.00	0.00	(0.06)	(0.06)	(0.01)
1995	Wet	0.16	(0.10)	(0.05)	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	0.33	(0.11)	(0.09)	(0.05)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.25)
1997	Wet	(0.06)	(0.05)	(0.04)	0.01	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	0.01	(0.08)	(0.09)	(0.08)	(0.07)	(0.08)	(0.03)
1999	Wet	(0.08)	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)	(0.15)	(0.12)	(0.08)	(0.02)	0.04	0.04	0.00	(0.02)
2001	Dry	(0.01)	(0.05)	(0.07)	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	(0.01)
2002	Dry	0.00	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	(0.06)	(0.12)	(0.15)	(0.31)	0.01	(0.05)	(0.20)	(0.27)	(0.26)	(0.07)	(0.06)	(0.09)	(0.14)
	Wet	(0.05)	(0.25)	(0.33)	(0.77)	(0.54)	(0.19)	(0.38)	(0.67)	(0.66)	(0.13)	(0.09)	(0.09)	(0.35)
	Above Normal	(0.13)	(0.14)	(0.10)	(0.49)	0.84	0.10	(0.33)	(0.32)	(0.27)	(0.21)	(0.19)	(0.25)	(0.12)
	Below Normal	0.07	0.04	(0.02)	0.01	(0.03)	(0.04)	(0.10)	(0.08)	(0.05)	(0.02)	(0.02)	(0.04)	(0.02)
	Dry	(0.15)	(0.13)	(0.12)	0.00	0.31	(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	0.02	0.03	0.03	0.04	0.06	0.08	0.06	(0.10)	0.02

Percent Difference in Energy Use (GWh) At Pumping Plant at South Bay: Alternative5_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%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	22%	3%	5%	7%	9%	11%	8%	-47%
1935	Below Normal	74%	40%	16%	33%	-1%	0%	-5%	-3%	-1%	1%	1%	-1%
1936	Below Normal	-3%	-5%	-5%	0%	-1%	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	-46%	-31%	-16%	-9%	1%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%
1942	Wet	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	-1%	-1%	0%	-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%	44%	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%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	-3%	-3%	0%	-2%	-1%	-1%	-1%	-1%	-1%
1971	Wet	-4%	-2%	-1%	1%	1%	2%	1%	1%	0%	0%	0%	0%
1972	Below Normal	0%	2%	2%	3%	-2%	0%	0%	1%	0%	0%	0%	0%
1973	Above Normal	1%	1%	1%	-31%	0%	4%	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	0%	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	-	-15%	-4%	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%	10%	-19%	-15%	-15%	-15%	-14%	-15%
1981	Dry	-29%	-22%	-17%	0%	139%	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%	-10%	-81%	-95%	-36%	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%	0%	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%	-2%
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	7%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	-58%	22%	5%	-3%	-1%	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	-2%	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	0%	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	0%	-1%	-1%	-2%	4%	-1%	-1%	-1%	-2%	0%	0%	-1%
	Wet	1%	-2%	-1%	-4%	3%	-2%	-3%	-4%	-4%	-1%	-1%	-1%
	Above Normal	-3%	-3%	-1%	-6%	9%	1%	-2%	-2%	-1%	-1%	-1%	-1%
	Below Normal	5%	2%	0%	2%	-1%	0%	-1%	-1%	0%	0%	0%	0%
	Dry	-2%	-1%	-1%	0%	9%	-4%	0%	0%	-1%	0%	0%	0%
	Critical	0%	0%	0%	0%	2%	0%	0%	1%	1%	1%	1%	-4%

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: Alternative5_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	82.31	20.96	18.13	112.99	121.99	121.99	118.05	990.48
1923	Below Normal	66.92	45.12	78.24	66.77	69.74	51.72	19.78	12.78	42.43	121.99	121.99	118.05	815.53
1924	Critical	53.59	42.00	47.83	48.27	35.92	5.48	5.30	8.76	4.83	85.05	5.48	9.08	351.59
1925	Dry	43.70	52.75	70.11	58.77	38.45	74.10	21.18	17.42	30.22	121.99	52.33	118.05	699.07
1926	Dry	50.14	42.94	52.48	58.78	28.47	5.48	21.67	15.75	46.55	121.99	56.49	69.68	570.42
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	57.61	43.27	129.98	63.18	37.07	72.07	19.62	12.78	45.20	112.85	121.99	118.05	833.67
1929	Critical	64.40	28.05	89.17	60.18	54.14	52.69	29.87	5.48	5.30	5.48	12.81	10.22	417.79
1930	Dry	19.30	20.98	57.68	43.96	41.33	54.75	25.00	21.64	37.27	121.99	67.68	118.05	629.63
1931	Critical	29.61	27.63	26.17	59.63	38.16	17.58	5.30	5.48	5.30	45.66	5.48	6.99	272.99
1932	Dry	16.96	30.60	130.94	62.37	109.92	74.12	13.09	12.78	31.59	61.74	86.27	48.96	679.34
1933	Critical	36.20	30.07	59.50	107.68	91.80	31.23	15.54	12.78	5.30	49.40	20.52	9.03	469.05
1934	Critical	18.06	27.01	128.55	108.52	72.64	26.52	5.30	5.48	5.30	5.48	5.48	8.98	417.32
1935	Below Normal	41.89	53.94	73.49	70.51	81.71	63.59	18.22	12.78	42.12	121.99	121.99	118.05	820.28
1936	Below Normal	70.26	58.22	67.96	54.81	144.14	129.65	21.03	12.78	49.72	121.99	121.99	118.05	970.60
1937	Below Normal	82.43	47.04	122.39	82.52	133.40	111.60	22.94	18.17	87.76	121.99	121.99	58.57	1,010.80
1938	Wet	68.30	118.05	91.95	130.50	140.20	138.07	37.72	46.68	116.58	121.99	121.99	112.77	1,244.80
1939	Dry	58.34	5.30	129.89	62.25	48.17	32.24	28.96	19.61	5.30	121.99	71.94	66.50	650.49
1940	Above Normal	24.07	16.70	63.80	47.56	56.57	97.86	23.18	12.80	48.50	113.94	121.99	118.05	745.02
1941	Wet	52.85	24.49	76.54	72.49	136.91	138.07	28.25	24.65	70.72	121.99	121.99	107.00	975.95
1942	Wet	41.44	5.30	77.34	84.67	82.95	90.50	25.27	22.28	70.35	121.99	121.99	108.02	852.10
1943	Wet	51.10	5.30	73.65	87.91	99.07	138.07	25.13	14.52	43.45	121.70	121.99	111.85	893.74
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	59.90	113.03	18.39	12.78	36.52	121.99	121.99	118.05	890.44
1946	Below Normal	84.51	118.05	101.07	73.84	50.98	72.34	14.89	12.78	26.67	121.65	121.99	118.05	916.82
1947	Dry	65.83	70.91	85.55	55.25	58.04	24.35	15.91	12.78	29.82	121.99	66.35	118.05	724.83
1948	Below Normal	73.18	62.60	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	40.03	39.60	42.39	62.73	15.08	12.78	32.86	121.99	121.99	118.05	656.68
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	70.60	71.79	85.43	66.51	138.07	28.67	36.38	95.49	121.99	121.99	118.05	1,010.46
1953	Wet	51.24	5.30	130.01	49.75	63.18	67.48	18.21	15.32	34.25	121.99	121.99	118.05	796.77
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	42.84	16.70	12.78	5.30	121.99	60.98	59.23	668.84
1956	Wet	29.72	69.63	94.75	155.23	116.86	125.35	17.74	18.48	76.45	121.99	121.99	112.34	1,060.53
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	118.80	42.46	67.55	46.67	67.30	130.13	42.99	31.76	92.22	121.99	121.99	118.05	1,001.91
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	9.94	21.53	26.79	121.99	96.16	118.05	659.35
1961	Dry	24.57	71.78	127.92	60.61	33.13	60.25	15.50	15.03	1.09	113.04	37.10	43.16	603.18
1962	Below Normal	6.07	47.63	54.43	47.09	51.99	69.81	19.44	12.78	30.06	120.48	121.99	118.05	699.82
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	75.54	93.77	61.85	46.16	39.54	14.17	12.78	5.30	121.99	53.84	118.05	707.06
1965	Wet	48.68	55.94	73.20	95.83	72.38	83.18	22.41	12.78	50.46	121.63	121.99	115.47	873.95
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	35.93	31.07	116.01	121.99	121.99	118.05	939.91
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	72.76	128.95	69.63	128.46	81.52	42.24	112.80	118.05	121.99	121.99	111.95	1,158.80
1970	Wet	70.94	5.30	75.33	155.23	88.43	117.65	14.09	12.78	32.56	121.99	121.99	88.50	904.79
1971	Wet	48.46	98.34	72.53	60.72	55.53	71.05	18.68	15.04	46.80	121.99	121.99	117.07	848.20
1972	Below Normal	51.12	5.30	128.83	58.35	30.82	42.79	20.07	12.78	29.07	121.99	121.99	118.05	741.16
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	82.12	118.05	80.90	77.45	64.35	91.95	20.39	12.78	62.21	121.99	121.99	118.05	972.23
1975	Wet	77.55	5.30	130.54	61.70	51.99	102.11	18.11	12.78	68.04	121.99	121.99	118.05	890.15
1976	Critical	86.64	5.30	129.02	55.28	38.33	49.20	21.99	20.38	4.92	115.99	74.07	118.05	719.17
1977	Critical	39.48	26.05	21.29	30.89	13.24	5.64	5.30	10.88	1.05	5.48	5.48	24.80	189.58
1978	Above Normal	5.48	34.58	51.31	52.50	70.64	81.54	27.59	21.81	74.30	121.99	121.99	118.05	781.78
1979	Below Normal	54.56	30.05	104.04	71.57	85.03	86.23	17.85	20.49	49.03	121.99	121.99	118.05	880.88
1980	Above Normal	79.06	70.73	129.40	81.69	82.39	84.82	19.81	18.22	78.28	121.99	121.99	97.94	986.32
1981	Dry	65.69	6.34	129.42	62.48	56.26	44.38	23.31	18.48	29.16	121.99	95.79	94.41	747.71
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	73.31	62.88	66.27	71.91	68.50	80.35	92.74	121.99	107.94	1,126.15
1984	Wet	121.99	118.05	126.13	113.82	107.76	119.59	18.27	12.78	50.52	116.83	121.99	81.15	1,108.88
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	102.34	111.33	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	29.72	16.72	10.68	37.24	494.31
1988	Critical	6.62	15.60	60.67	43.49	6.23	30.34	18.65	17.10	5.30	74.44	5.48	20.78	304.70
1989	Dry	5.48	58.78	51.51	58.05	13.46	22.07	21.75	16.90	41.69	113.57	68.75	118.05	590.06
1990	Critical	73.93	42.31	85.57	56.53	38.19	18.48	5.30	15.49	3.92	117.10	5.48	32.02	494.32
1991	Critical	5.48	14.11	17.91	11.39	23.16	23.66	19.03	14.96	36.46	86.71	5.48	10.70	269.05
1992	Critical	17.13	5.30	31.22	20.11	28.87	43.63	12.37	12.78	26.03	16.61	5.48	37.14	256.67
1993	Above Normal	5.48	9.08	66.10	59.08	67.90	71.57	12.37	12.78	66.02	121.99	121.99	118.05	732.41
1994	Critical	60.56	5.30	113.91	58.47	55.01	42.04	16.42	17.82	4.18	112.79	52.60	56.87	595.97
1995	Wet	11.24	37.84	66.15	54.99	59.88	138.07	28.75	46.44	104.18	121.99	121.99	118.05	909.57
1996	Wet	29.14	5.30	67.62	51.78	131.88	118.43	21.27	17.40	60.23	121.99	121.99	118.05	865.08
1997	Wet	26.68	9.40	140.22	155.23	140.20	130.60	15.27	14.31	27.79	111.51	121.99	118.05	1,011.25
1998	Wet	36.51	17.45	128.99	55.02	140.20	138.07	33.39	34.01	118.05	121.99	121.99	118.05	1,063.72
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	38.85	5.30	127.91	41.31	90.22	102.40	15.74	12.78	45.81	110.57	121.99	118.05	830.93
2001	Dry	45.87	5.30	125.90	63.18	50.02	52.87	18.14	13.06	28.56	67.69	5.48	53.07	529.14
2002	Dry	5.48	59.21	71.80	48.75	62.93	47.33	14.78	12.78	29.60	121.99	25.97	105.54	606.16
2003	Above Normal	5.48	31.72	70.45	42.04	55.44	61.06	12.37	12.78	42.22	120.11	121.99	118.05	693.71
	Average	51.71	47.42	89.82	65.68	66.74	72.10	21.17	18.72	44.59	108.64	92.61	94.75	773.95
	Wet	63.28	62.89	89.93	79.85	92.03	106.67	29.74	27.48	70.16	120.23	121.99	110.67	974.92
	Above Normal	45.56	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	53.93	49.85	91.43	59.90	65.08	73.72	18.50	14.34	40.15	121.67	121.99	113.80	824.35
	Dry	44.52	42.84	97.66	59.16	50.32	44.13	17.94	16.53	26.18	108.81	58.15	86.96	653.19
	Critical	40.98	22.39	67.57	55.04	41.31	28.87	13.36	12.28	8.99	60.02	16.99	28.72	396.52

Difference in Energy Use (GWh) At Pumping Plant at SWP Banks: Alternative5_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	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	(0.01)	(0.01)	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	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.17)	0.00	0.01	0.00	(0.06)	(0.02)
1925	Dry	(0.07)	(0.06)	(0.03)	0.00	0.00	0.04	0.00	0.00	(0.04)	0.00	0.04	0.00	(0.01)
1926	Dry	0.03	0.02	(0.03)	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.19	(0.35)	(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	(0.01)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	(0.01)	(0.01)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00
1930	Dry	(0.01)	(0.02)	(0.01)	0.00	0.00	0.02	0.00	0.00	0.03	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	(0.24)	0.00	(0.01)	(0.03)
1932	Dry	(0.02)	(0.01)	0.00	0.00	0.08	1.57	0.00	0.00	0.00	0.00	0.00	0.00	0.14
1933	Critical	0.00	0.00	(1.55)	0.01	0.01	0.00	0.00	0.00	0.00	(0.27)	(0.05)	(0.08)	(0.16)
1934	Critical	(0.05)	(0.05)	43.84	0.00	0.00	(0.02)	0.00	(7.38)	0.00	0.00	0.00	(0.03)	3.03
1935	Below Normal	0.34	0.04	(0.09)	(3.64)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.28)
1936	Below Normal	(3.44)	(0.06)	(6.58)	7.83	0.00	(1.92)	0.00	0.00	0.00	0.00	0.00	0.00	(0.35)
1937	Below Normal	(0.04)	(0.04)	0.06	0.20	(0.26)	0.00	(4.94)	(1.84)	0.95	0.00	0.00	0.00	(0.49)
1938	Wet	(1.50)	0.00	(12.72)	(4.66)	0.00	0.00	(7.11)	(66.12)	(1.47)	0.00	0.00	(0.02)	(7.80)
1939	Dry	0.85	0.00	0.00	0.00	0.01	0.00	11.86	(0.02)	0.00	0.00	0.96	(9.66)	0.33
1940	Above Normal	1.84	(0.05)	(0.03)	0.11	0.00	0.00	0.00	0.00	0.00	(0.07)	0.00	0.00	0.15
1941	Wet	0.02	(0.01)	0.00	0.00	(3.29)	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.27)
1942	Wet	(0.03)	0.00	0.00	(0.05)	(1.29)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.12)
1943	Wet	(0.02)	0.00	0.00	(6.42)	0.43	0.00	0.00	0.00	(7.63)	0.00	0.00	(0.71)	(1.20)
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	(4.41)	(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	(0.01)	(2.24)	0.00	0.00	2.33	0.00	0.00	0.00	0.01
1947	Dry	(0.99)	0.01	0.07	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	(0.59)	0.00	(0.13)
1948	Below Normal	(1.62)	(0.01)	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)	0.00	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	(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)	(0.01)	0.00	(1.33)	0.07	0.00	(1.16)	(2.25)	(8.53)	0.00	0.00	0.00	(1.10)
1953	Wet	0.28	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)	(0.01)	0.00	0.00	0.00	0.00	0.71	4.76	0.37
1956	Wet	(5.34)	(0.03)	(14.54)	0.00	1.50	1.32	0.00	0.00	0.00	0.00	0.00	(0.01)	(1.43)
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	(0.03)	(0.01)	0.00	0.00	0.00	0.00	(0.90)	(0.01)	(0.01)	0.00	0.00	0.00	(0.08)
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	0.03	0.00	0.00	0.00	0.17	0.00	0.02
1961	Dry	(0.04)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.20)	0.12	0.02	(0.01)
1962	Below Normal	(0.01)	(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	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1965	Wet	(0.08)	0.00	0.00	(0.11)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	(0.01)
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	(1.43)	(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	(0.02)	0.00	(7.61)	8.58	(0.03)	(44.22)	7.73	0.00	0.00	0.00	1.37	(2.83)
1970	Wet	(1.75)	0.00	0.00	0.00	0.00	1.27	0.00	0.00	0.00	0.00	0.00	5.95	0.46
1971	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
1972	Below Normal	(0.02)	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	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	(0.04)	0.00	0.00	(1.97)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.17)
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	(0.01)	0.17	(0.01)	0.00	0.01
1977	Critical	(0.16)	(0.02)	0.00	0.00	0.00	0.00	0.00	(0.05)	0.00	0.00	0.00	0.00	(0.02)
1978	Above Normal	0.00	(0.02)	(0.06)	0.00	(9.72)	(8.81)	(2.79)	(4.87)	(3.53)	0.00	0.00	0.00	(2.48)
1979	Below Normal	(0.10)	(0.06)	(20.92)	0.08	(1.08)	(1.60)	(0.01)	0.00	0.17	0.00	0.00	0.00	(1.96)
1980	Above Normal	(3.74)	9.32	0.00	(8.89)	2.69	0.27	0.00	0.00	(0.01)	0.00	0.00	(20.11)	(1.71)
1981	Dry	(0.42)	0.34	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	3.70	1.59	(4.32)	(5.41)	(11.05)	(10.64)	(0.36)	0.00	0.00	(2.21)
1984	Wet	0.00	0.00	(0.60)	(5.47)	(5.27)	(2.01)	0.00	0.00	0.00	0.00	0.00	0.00	(1.11)
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	(29.36)	19.96	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	0.91	0.03	0.23	(0.06)	0.09
1988	Critical	0.03	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	(1.03)	0.00	(0.01)	(0.08)
1989	Dry	0.00	(0.09)	0.01	0.00	(0.02)	0.00	0.00	0.00	0.00	0.02	(1.40)	0.00	(0.12)
1990	Critical	0.20	(0.02)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.05
1991	Critical	0.00	0.06	(0.12)	(0.31)	0.00	0.00	0.00	0.00	(0.03)	0.14	0.00	(0.04)	(0.03)
1992	Critical	(0.12)	0.00	(0.05)	(0.38)	0.00	0.00	0.00	0.00	(9.02)	9.00	0.00	(0.08)	(0.05)
1993	Above Normal	0.00	(0.04)	(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	0.77	0.00	0.00	0.00	0.00	0.01	0.00	(0.31)	(0.12)	(0.07)	0.02
1995	Wet	(0.14)	(0.10)	0.01	0.00	0.00	0.00	(3.25)	(66.36)	(1.81)	0.00	0.00	0.00	(5.97)
1996	Wet	(0.03)	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	(0.02)	(0.34)	0.00	0.00	0.00	(0.92)	0.00	0.00	(1.02)	0.64	0.00	0.00	(0.14)
1998	Wet	(0.03)	(0.04)	0.00	0.00	0.00	0.00	(2.22)	(1.74)	0.00	0.00	0.00	0.00	(0.34)
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	(0.01)	0.00	0.00	0.00	(2.04)	(0.86)	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.24)
2001	Dry	(0.02)	0.00	(2.31)	0.00	0.00	0.00	0.00	0.00	0.00	1.52	0.00	(0.02)	(0.07)
2002	Dry	0.00	0.01	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.06
2003	Above Normal	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
	Average	(0.21)	0.10	(0.26)	(0.32)	(0.51)	(0.11)	(0.75)	(1.97)	(0.52)	0.11	0.07	(0.21)	(0.38)
	Wet	(0.29)	(0.02)	(1.07)	(1.24)	(1.04)	0.53	(2.53)	(5.65)	(1.27)	0.01	0.00	0.25	(1.03)
	Above Normal	(0.15)	0.77	(0.53)	0.23	(0.76)	(0.79)	(0.23)	(0.41)	(0.30)	(0.01)	0.00	(1.62)	(0.32)
	Below Normal	(0.56)	(0.01)	(1.97)	0.26	(0.40)	(1.07)	(0.35)	(0.13)	0.27	0.00	0.00	0.00	(0.33)
	Dry	0.02	(0.00)	(0.15)	(0.00)	(0.01)	0.09	0.66	(0.00)	(0.06)	0.08	0.33	(0.23)	0.06
	Critical	(0.01)	(0.01)	3.57	(0.06)	(0.00)	(0.00)	0.00	(0.63)	(0.76)	0.62	(0.02)	0.00	0.23

Percent Difference in Energy Use (GWh) At Pumping Plant at SWP Banks: Alternative5_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%	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%	-1%	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%	-1%	0%	-1%
1934	Critical	0%	0%	52%	0%	0%	0%	0%	-57%	0%	0%	0%	0%
1935	Below Normal	1%	0%	0%	-5%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	-5%	0%	-9%	17%	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%	-3%	0%	0%	-16%	-59%	-1%	0%	0%	0%
1939	Dry	1%	0%	0%	0%	0%	0%	69%	0%	0%	0%	1%	-13%
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	0%	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%	-51%	7%	0%	0%	0%	1%
1970	Wet	-2%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	7%
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%	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%	-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%	6%	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%	-12%	0%	0%	0%
1984	Wet	0%	0%	0%	-5%	-5%	-2%	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%	0%	0%	0%	0%	-1%	-3%	-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%	-2%	1%	0%	-1%	-1%	-1%	1%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	4%	0%	0%	0%	1%	0%
	Critical	0%	0%	4%	0%	0%	0%	0%	-5%	-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: Alternative5_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	41.67	42.77	42.18	29.83	400.43
1923	Below Normal	27.99	33.49	22.46	31.24	31.62	26.76	23.56	31.94	41.52	45.88	42.14	27.65	386.25
1924	Critical	28.27	17.69	15.75	6.01	6.73	8.27	12.77	16.66	22.32	25.23	19.68	12.92	192.30
1925	Dry	6.82	5.29	4.79	1.81	4.15	17.65	24.17	34.42	45.72	51.30	56.17	30.56	282.85
1926	Dry	22.10	19.19	16.21	3.04	5.11	10.97	17.09	28.45	37.54	42.04	41.34	25.23	268.31
1927	Wet	17.98	15.52	13.01	4.00	15.49	31.47	32.67	38.60	43.98	44.64	44.56	31.97	333.89
1928	Above Normal	26.32	34.24	25.16	15.64	19.56	14.91	36.78	42.93	48.63	49.39	49.37	35.72	398.65
1929	Critical	29.76	35.29	28.53	15.26	14.53	9.42	11.89	18.27	24.32	25.88	21.46	5.11	239.72
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	27.12	30.60	23.95	15.60	181.18
1932	Dry	8.59	6.45	5.83	3.05	6.52	26.71	17.93	26.14	34.71	41.63	34.98	22.92	235.46
1933	Critical	15.91	13.61	11.35	2.92	35.77	12.80	15.76	24.97	33.54	37.53	31.91	20.85	256.92
1934	Critical	13.31	10.83	9.02	2.96	5.23	11.93	16.69	24.41	32.84	37.38	29.27	3.64	197.51
1935	Below Normal	18.69	16.05	13.11	2.98	6.34	11.08	31.94	38.98	47.37	50.28	48.11	33.32	318.25
1936	Below Normal	30.59	23.72	22.78	9.96	12.55	45.53	33.05	42.35	48.15	48.90	48.85	35.16	401.59
1937	Below Normal	36.07	27.26	27.97	16.08	44.42	49.91	40.86	46.46	53.49	58.40	58.40	48.07	507.39
1938	Wet	35.48	33.23	34.13	18.60	33.08	36.01	41.32	49.33	57.17	62.21	62.13	44.34	507.03
1939	Dry	42.98	46.82	35.94	21.51	21.26	15.93	22.87	29.52	8.70	52.92	37.78	29.88	366.11
1940	Above Normal	10.63	7.38	28.91	2.89	4.26	13.81	26.05	34.68	40.12	51.73	48.47	32.15	301.08
1941	Wet	25.24	27.09	17.16	10.93	24.78	30.65	36.33	38.61	44.92	49.68	49.58	35.33	390.30
1942	Wet	39.08	31.06	27.89	31.25	32.42	34.02	26.53	33.02	41.14	44.20	41.68	28.09	410.38
1943	Wet	28.97	26.82	17.97	23.91	29.97	30.25	40.19	43.07	50.09	54.95	54.87	39.06	440.12
1944	Dry	36.22	15.51	42.34	10.55	10.29	10.76	19.78	25.73	34.24	37.60	36.85	21.67	301.54
1945	Below Normal	14.04	11.59	9.69	4.95	6.35	43.16	32.96	41.26	46.96	47.68	47.61	34.27	340.52
1946	Below Normal	39.36	26.48	27.17	31.94	32.92	37.65	27.44	33.88	39.91	41.29	40.42	28.09	406.55
1947	Dry	33.23	20.40	20.48	13.68	15.69	14.19	36.76	42.88	48.59	49.30	56.60	35.67	387.47
1948	Below Normal	29.70	27.77	28.48	13.67	13.12	9.03	15.47	18.64	19.42	49.73	45.76	31.82	302.61
1949	Dry	28.69	20.52	17.12	4.67	6.02	9.90	29.09	36.92	47.69	52.58	47.14	35.85	336.19
1950	Below Normal	26.19	13.77	17.57	3.75	4.32	8.45	24.02	31.04	14.06	52.99	48.07	32.01	276.24
1951	Above Normal	28.43	19.33	16.14	51.67	48.26	53.44	29.25	38.61	44.36	44.97	44.86	31.77	451.09
1952	Wet	29.09	32.09	24.44	31.29	34.24	39.39	31.24	37.97	44.26	49.05	48.95	34.71	436.72
1953	Wet	33.13	39.67	27.41	32.76	32.29	29.72	23.22	31.52	41.68	46.53	42.28	27.50	407.71
1954	Above Normal	21.95	22.20	14.92	5.94	22.51	16.56	25.08	33.28	44.45	50.04	45.21	29.40	331.54
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	50.10	50.80	50.69	35.90	433.48
1957	Above Normal	37.84	33.76	28.42	19.31	19.33	21.80	25.94	34.23	37.17	52.38	48.37	32.13	390.68
1958	Wet	23.28	26.16	17.09	3.76	27.75	31.29	45.33	53.27	56.98	61.89	61.88	44.21	452.89
1959	Below Normal	37.15	32.97	40.43	13.56	15.00	15.44	22.38	28.82	15.07	48.69	44.17	29.55	343.23
1960	Dry	27.54	18.42	15.47	2.90	3.62	9.55	29.56	37.51	41.85	54.52	49.23	36.08	326.25
1961	Dry	27.29	24.21	21.43	5.42	6.70	8.23	23.17	29.89	39.58	48.49	39.82	18.29	292.52
1962	Below Normal	2.64	21.17	24.13	3.03	3.85	12.75	24.55	32.14	20.74	52.58	48.00	32.54	278.12
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	28.84	19.94	14.63	33.91	25.85	29.92	35.79	42.42	44.19	49.41	29.99	377.07
1965	Wet	23.84	21.79	21.63	21.96	31.89	31.00	28.32	34.26	33.28	45.05	43.26	30.17	366.45
1966	Below Normal	35.55	23.34	21.07	28.34	30.33	24.86	24.35	32.20	41.60	45.68	42.15	27.76	377.23
1967	Wet	28.77	17.95	9.92	7.01	27.22	28.74	44.88	48.78	56.64	61.58	61.54	43.91	436.94
1968	Below Normal	39.24	46.55	37.29	13.58	17.41	16.17	22.86	29.57	18.34	48.67	44.23	29.95	363.86
1969	Wet	28.16	18.80	15.76	18.99	27.68	34.72	36.07	45.33	53.16	53.90	60.04	42.62	435.23
1970	Wet	36.90	49.50	32.06	32.84	32.83	39.93	36.13	37.43	42.98	43.58	43.45	30.78	458.41
1971	Wet	28.35	31.02	24.00	31.27	32.48	29.47	24.58	32.64	41.67	45.44	42.23	28.03	391.18
1972	Below Normal	26.10	19.20	16.88	12.36	26.12	25.26	25.56	32.76	42.89	47.52	43.47	28.57	346.69
1973	Above Normal	28.13	18.20	15.94	5.96	29.87	31.98	30.87	40.02	45.81	46.39	46.30	33.03	372.50
1974	Wet	27.19	25.29	26.02	32.06	33.60	40.08	41.03	41.08	47.32	47.93	47.82	33.83	443.25
1975	Wet	27.77	40.52	26.59	26.40	22.65	34.97	33.45	39.23	44.77	45.37	45.30	32.47	419.49
1976	Critical	26.73	36.09	25.58	16.12	17.33	16.14	25.56	33.26	40.45	51.57	37.82	32.70	359.35
1977	Critical	23.79	20.74	14.58	2.97	3.72	5.51	9.43	4.32	0.10	3.16	1.72	10.44	100.48
1978	Above Normal	2.23	15.80	23.21	2.81	7.24	25.99	23.64	23.75	40.03	48.28	46.11	31.76	290.85
1979	Below Normal	31.67	32.88	21.50	11.48	12.41	33.04	33.04	38.84	44.17	44.77	44.71	32.21	380.72
1980	Above Normal	34.11	24.75	25.39	25.28	34.65	36.55	28.94	40.33	51.06	50.22	52.89	37.55	441.72
1981	Dry	31.14	43.30	29.88	18.95	26.76	22.67	25.71	34.52	42.41	51.71	54.39	31.05	412.49
1982	Wet	22.59	19.70	16.91	18.64	26.17	31.34	43.59	51.84	60.16	61.02	60.95	43.35	456.26
1983	Wet	36.30	33.85	33.42	29.35	26.25	30.34	32.66	30.43	35.34	51.83	58.48	43.62	441.87
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	25.25	28.59	31.33	37.83	43.49	44.07	53.32	31.14	401.26
1986	Wet	25.45	23.64	24.33	15.46	16.83	39.28	44.02	52.99	60.06	61.34	61.24	43.95	468.59
1987	Dry	37.23	24.31	40.27	11.48	11.14	7.90	12.27	15.60	20.67	25.71	18.22	12.15	236.95
1988	Critical	6.42	5.05	4.58	1.66	5.53	5.60	9.66	12.74	16.67	17.82	14.72	9.90	110.35
1989	Dry	5.16	4.03	3.68	2.06	5.76	7.56	32.52	39.64	47.68	54.32	47.25	34.51	284.17
1990	Critical	27.42	24.99	24.18	10.39	10.57	9.32	13.96	17.90	23.97	25.53	21.13	13.97	223.33
1991	Critical	7.55	5.80	5.24	1.93	3.74	5.53	9.94	12.44	16.34	20.05	14.47	9.69	112.72
1992	Critical	5.07	3.93	3.59	1.47	3.13	5.54	12.61	16.03	21.29	26.44	18.51	12.56	130.17
1993	Above Normal	5.41	4.10	6.13	2.65	24.98	27.63	27.84	34.39	28.86	48.43	45.92	31.83	288.17
1994	Critical	30.10	27.57	20.79	10.20	11.48	15.41	25.61	33.16	36.44	54.65	31.25	23.74	320.40
1995	Wet	4.55	16.77	29.64	3.01	19.54	17.23	40.90	48.55	55.06	53.28	56.80	40.97	386.30
1996	Wet	32.88	7.08	29.06	15.24	14.31	27.21	31.84	37.21	42.45	43.09	43.01	30.74	354.12
1997	Wet	37.38	23.46	24.09	31.04	33.11	43.18	37.31	44.06	50.57	51.31	51.22	36.33	463.06
1998	Wet	32.03	39.72	28.81	19.16	32.52	38.44	35.06	40.09	45.78	46.57	46.51	33.22	437.91
1999	Wet	27.34	28.91	31.89	32.38	48.25	38.75	29.01	38.31	43.99	44.88	44.64	36.96	445.31
2000	Above Normal	29.93	23.95	24.67	17.57	30.13	25.02	28.70	35.84	44.13	47.34	44.93	30.66	382.87
2001	Dry	28.44	25.70	20.18	9.06	9.42	10.02	18.08	23.62	31.91	40.16	28.70	18.81	264.10
2002	Dry	10.91	8.48	7.20	3.41	7.26	12.50	35.09	40.92	46.32	47.16	43.61	36.67	299.53
2003	Above Normal	12.75	13.57	31.12	4.91	8.26	13.00	22.57	29.25	17.01	49.11	44.20	29.84	275.59
	Average	25.30	23.44	21.53	14.36	19.97	23.70	27.46	33.84	38.88	45.69	43.36	29.73	347.25
	Wet	28.74	27.65	24.64	22.44	29.79	34.68	34.85	40.91	47.24	50.28	50.34	35.85	427.41
	Above Normal	23.09	22.34	22.37	13.50	22.70	25.76	28.00	35.27	40.28	48.42	46.57	32.14	360.43
	Below Normal	28.21	25.45	23.61	14.07	18.34	25.65	27.29	34.21	35.26	48.79	46.15	32.21	359.23
	Dry	23.79	20.37	19.68	8.91	11.72	14.42	24.89	31.93	38.18	45.52	43.12	27.67	310.18
	Critical	18.94	17.68	14.33	6.23	10.21	9.48	14.96	19.52	24.62	29.65	22.16	14.26	202.04

Difference in Energy Use (GWh) At Pumping Plant at SWP Dos Amigos: Alternative5_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	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	(0.03)	(0.01)	(0.01)	(0.02)	(0.19)	(0.03)	(0.02)	0.03	0.05	0.02	0.00	(0.02)
1924	Critical	(0.12)	(0.03)	(0.05)	(0.08)	(0.06)	(0.01)	0.00	0.00	0.00	0.02	0.01	0.00	(0.03)
1925	Dry	0.00	0.00	0.00	0.00	0.00	(0.14)	0.01	0.02	0.03	0.03	0.04	0.02	0.00
1926	Dry	0.02	0.01	0.01	0.00	(0.01)	(0.01)	(0.02)	(0.02)	(0.02)	(0.03)	(0.04)	(0.02)	(0.01)
1927	Wet	(0.01)	(0.01)	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.01	0.00	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.01	(0.01)	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
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)	(0.01)	(0.02)	(0.01)	(0.01)	(0.01)
1932	Dry	0.00	0.00	0.00	(0.01)	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1933	Critical	0.00	0.00	0.00	0.00	(0.71)	0.00	0.00	0.01	0.00	(0.01)	0.00	0.00	(0.06)
1934	Critical	0.00	0.00	0.00	0.00	0.80	3.29	(1.15)	1.30	1.49	2.19	7.85	0.18	1.33
1935	Below Normal	(0.08)	1.21	1.39	0.01	(0.05)	(0.11)	(0.92)	(0.53)	0.24	0.86	0.28	(0.21)	0.17
1936	Below Normal	(0.58)	(0.73)	(1.16)	(1.30)	(1.19)	(0.76)	0.00	(0.01)	(0.01)	0.00	0.00	(0.01)	(0.48)
1937	Below Normal	(0.02)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.01)
1938	Wet	0.00	0.00	0.00	(0.49)	(0.15)	(10.48)	0.60	0.26	0.12	0.32	0.29	0.20	(0.78)
1939	Dry	0.28	0.27	0.27	1.32	(0.96)	(2.80)	(3.79)	(5.07)	(18.43)	(1.38)	1.65	(4.12)	(2.73)
1940	Above Normal	1.18	0.20	0.16	(0.02)	0.02	0.00	0.00	0.00	0.04	(0.03)	0.01	0.01	0.13
1941	Wet	0.03	0.31	0.00	(0.01)	0.00	(0.16)	(0.16)	(0.20)	(0.23)	(0.23)	(0.23)	(0.16)	(0.09)
1942	Wet	0.31	(0.69)	(0.14)	(0.01)	0.01	(0.19)	0.00	0.00	0.01	0.01	0.01	0.00	(0.06)
1943	Wet	0.00	(0.11)	(0.01)	(0.03)	(0.26)	(0.25)	(0.20)	(0.24)	(0.28)	(0.28)	(0.28)	(0.20)	(0.18)
1944	Dry	(1.93)	(0.26)	1.83	(0.82)	(0.73)	(0.23)	0.00	0.00	(0.01)	0.00	0.07	(0.01)	(0.17)
1945	Below Normal	0.00	0.00	0.00	0.01	0.00	(6.79)	0.05	0.05	0.05	0.05	0.05	0.05	(0.54)
1946	Below Normal	(0.16)	0.04	0.04	(0.01)	0.00	(0.06)	(0.24)	(0.15)	0.07	0.25	0.08	(0.06)	(0.02)
1947	Dry	(0.15)	(0.19)	(0.32)	(0.39)	0.04	(0.39)	0.10	0.12	0.14	0.13	0.19	0.10	(0.05)
1948	Below Normal	0.09	0.08	0.09	(0.54)	(0.48)	(0.17)	0.00	0.17	0.00	0.03	0.02	0.05	(0.06)
1949	Dry	0.02	0.02	(0.06)	(0.02)	(0.02)	(0.02)	(0.16)	(0.11)	0.01	0.11	(0.22)	0.00	(0.04)
1950	Below Normal	0.00	0.01	0.02	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	(0.06)	0.00	0.00	0.02	0.03	0.03	0.03	0.03	0.02	0.01
1952	Wet	0.02	0.01	0.02	0.00	(0.01)	(0.02)	(0.13)	(6.96)	(7.99)	(8.11)	(8.13)	(5.87)	(3.10)
1953	Wet	(5.37)	(4.83)	(5.11)	0.69	6.51	11.06	1.02	1.86	14.57	(0.75)	(0.51)	(0.93)	1.52
1954	Above Normal	(0.88)	(0.54)	0.09	1.27	5.60	1.52	(0.07)	0.06	1.57	0.79	(0.38)	(0.44)	0.72
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	0.08	0.09	0.09	0.08	(0.57)
1957	Above Normal	0.08	0.08	0.08	0.01	0.00	(0.44)	0.00	(0.02)	(0.33)	0.00	0.05	0.06	(0.04)
1958	Wet	0.04	0.04	0.02	(0.01)	(0.02)	(0.01)	(0.02)	(0.02)	(0.03)	(0.03)	(0.03)	(0.01)	(0.01)
1959	Below Normal	(0.02)	(1.12)	(0.03)	0.02	0.00	0.01	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.10)
1960	Dry	0.18	0.00	0.01	0.00	0.00	(0.04)	0.01	0.00	0.03	0.00	0.06	(0.02)	0.02
1961	Dry	(0.01)	(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	0.00	0.00	0.00	0.00	(0.01)
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	(0.07)	0.00	0.03	0.00	0.01	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.01	0.00	0.00	(0.01)	0.00	(0.04)	0.02	0.01	0.00	0.00
1966	Below Normal	(0.01)	(0.26)	0.00	(0.02)	(0.01)	0.00	0.00	0.01	0.00	0.00	0.00	0.00	(0.02)
1967	Wet	(0.01)	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	1.53	(4.57)	1.85	(1.19)	(1.46)	(0.36)	0.09	0.12	0.20	0.14	0.14	0.10	(0.28)
1969	Wet	0.08	0.09	0.07	(0.08)	(0.06)	0.01	(0.65)	0.73	0.04	0.05	0.05	0.04	0.03
1970	Wet	0.61	(0.54)	0.03	(0.11)	(0.14)	(9.30)	4.53	(0.51)	(0.61)	(0.61)	(0.61)	(0.41)	(0.64)
1971	Wet	(0.36)	(0.34)	(0.35)	0.00	0.03	0.61	0.18	0.10	(0.15)	(0.34)	(0.16)	0.00	(0.07)
1972	Below Normal	0.11	0.14	0.29	0.63	0.15	0.16	0.09	0.08	0.03	(0.01)	0.03	0.05	0.15
1973	Above Normal	0.06	0.07	0.10	0.11	0.00	(0.09)	0.09	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	0.02
1974	Wet	(0.02)	(0.01)	(0.02)	0.00	(0.02)	(0.02)	(0.22)	(0.11)	(0.13)	(0.13)	(0.13)	(0.09)	(0.08)
1975	Wet	(0.08)	(0.47)	(0.08)	0.18	0.06	(0.04)	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.05)
1976	Critical	(0.01)	0.06	(0.02)	0.00	0.01	0.02	0.05	0.06	0.13	(0.01)	0.05	0.08	0.03
1977	Critical	0.05	0.04	(0.27)	0.00	0.00	0.00	0.00	(0.02)	0.00	(0.01)	0.00	0.00	(0.02)
1978	Above Normal	(0.08)	0.05	0.00	0.00	0.00	(1.90)	(1.08)	(0.84)	0.56	1.68	0.62	(0.24)	(0.10)
1979	Below Normal	(0.68)	(1.76)	(1.96)	(2.43)	(2.18)	(2.16)	(1.39)	(1.68)	(1.95)	(1.97)	(1.98)	(1.41)	(1.80)
1980	Above Normal	(2.69)	(1.17)	(1.22)	2.72	(0.11)	(0.09)	(7.40)	(7.30)	(8.31)	(8.44)	(8.47)	(6.19)	(4.06)
1981	Dry	(5.55)	(0.76)	(7.99)	4.68	11.74	8.22	2.27	3.35	22.45	0.64	0.53	(0.49)	3.26
1982	Wet	(0.33)	(0.28)	0.10	0.86	0.66	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	0.08
1983	Wet	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	(2.49)	(2.37)	0.16	0.00	(0.17)	(0.41)
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	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	(3.29)	(0.22)	1.56	0.10	0.03	0.10	0.08	0.06	(0.13)
1987	Dry	0.13	(2.77)	0.01	(0.01)	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.08)	0.00	(0.01)	(0.23)
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.18	0.19	0.15	0.10	0.06
1989	Dry	0.06	0.04	0.04	(0.02)	(0.02)	(0.04)	(0.15)	(0.09)	0.06	0.16	(1.40)	0.36	(0.08)
1990	Critical	0.28	0.23	0.13	(0.23)	(0.16)	(0.01)	0.10	0.13	0.19	0.20	0.17	0.11	0.09
1991	Critical	0.07	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)	(0.37)	(0.45)	(0.29)	(0.23)	(0.15)
1993	Above Normal	0.21	(0.02)	(0.37)	(0.17)	0.04	0.09	0.07	0.04	0.28	(0.15)	(0.11)	(0.04)	(0.01)
1994	Critical	0.00	(0.07)	0.04	0.13	0.10	0.01	(0.04)	(0.04)	0.40	(0.02)	(0.14)	(0.02)	0.03
1995	Wet	(0.09)	(0.03)	0.01	0.00	(0.01)	0.00	0.00	0.00	0.00	(2.93)	0.59	0.58	(0.16)
1996	Wet	(8.32)	(21.53)	(0.45)	0.54	(0.23)	(0.18)	(0.13)	(0.15)	(0.17)	(0.17)	(0.17)	(0.13)	(2.59)
1997	Wet	(0.75)	(0.10)	(0.12)	0.00	0.00	(0.10)	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	(0.01)	(0.10)
1998	Wet	0.05	(0.07)	(0.01)	(0.02)	0.00	(0.24)	0.25	(0.23)	(0.27)	(0.26)	(0.27)	(0.20)	(0.11)
1999	Wet	(0.17)	(0.46)	0.01	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.06)
2000	Above Normal	0.07	0.00	0.00	0.00	(0.02)	(0.32)	(0.15)	(0.08)	0.08	0.20	0.08	(0.02)	(0.01)
2001	Dry	(0.10)	(0.12)	(0.21)	(0.29)	(0.24)	(0.07)	0.02	0.03	0.02	0.04	0.04	0.03	(0.07)
2002	Dry	0.04	0.04	0.02	0.01	(0.01)	(0.01)	(0.04)	(0.05)	(0.06)	(0.06)	(0.43)	(0.13)	(0.06)
2003	Above Normal	0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.07
	Average	(0.27)	(0.50)	(0.16)	0.02	0.10	(0.15)	(0.08)	(0.22)	0.03	(0.21)	(0.12)	(0.23)	(0.15)
	Wet	(0.53)	(1.10)	(0.22)	(0.07)	(0.09)	(0.37)	0.26	(0.30)	0.10	(0.51)	(0.36)	(0.28)	(0.29)
	Above Normal	(0.11)	(0.11)	(0.10)	0.32	0.46	(0.10)	(0.71)	(0.68)	(0.51)	(0.49)	(0.68)	(0.57)	(0.27)
	Below Normal	0.01	(0.50)	0.03	(0.35)	(0.37)	(0.74)	(0.17)	(0.14)	(0.10)	(0.04)	(0.10)	(0.10)	(0.22)
	Dry	(0.40)	(0.24)	(0.37)	0.24	0.56	0.30	(0.07)	(0.06)	0.29	0.04	0.07	(0.20)	0.01
	Critical	0.02	0.02	(0.01)	(0.01)	(0.00)	0.27	(0.10)	0.11	0.17	0.17	0.65	0.02	0.11

Percent Difference in Energy Use (GWh) At Pumping Plant at SWP Dos Amigos: Alternative5_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%	-1%	-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%	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%	3%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	18%	38%	-6%	6%	5%	6%	37%	5%
1935	Below Normal	0%	8%	12%	0%	-1%	-1%	-3%	-1%	1%	2%	1%	-1%
1936	Below Normal	-2%	-3%	-5%	-12%	-9%	-2%	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%	-3%	0%	-23%	1%	1%	0%	1%	0%	0%
1939	Dry	1%	1%	1%	7%	-4%	-15%	-14%	-15%	-68%	-3%	5%	-12%
1940	Above Normal	12%	3%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	1%	0%	0%	0%	-1%	0%	-1%	-1%	0%	0%	0%
1942	Wet	1%	-2%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	-1%	-1%	0%	-1%	-1%	-1%	-1%	-1%
1944	Dry	-5%	-2%	5%	-7%	-7%	-2%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	-14%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	-1%	0%	0%	1%	0%	0%
1947	Dry	0%	-1%	-2%	-3%	0%	-3%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-4%	-4%	-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%	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%	-15%	-15%	-14%	-14%	-14%
1953	Wet	-14%	-11%	-16%	2%	25%	59%	5%	6%	54%	-2%	-1%	-3%
1954	Above Normal	-4%	-2%	1%	27%	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%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	-2%	0%	0%	-1%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-1%	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	4%	-9%	5%	-8%	-8%	-2%	0%	0%	1%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	-2%	2%	0%	0%	0%	0%
1970	Wet	2%	-1%	0%	0%	0%	-19%	14%	-1%	-1%	-1%	-1%	-1%
1971	Wet	-1%	-1%	-1%	0%	0%	2%	1%	0%	0%	-1%	0%	0%
1972	Below Normal	0%	1%	2%	5%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	1%	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%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	-3%	0%	0%	0%	0%	-7%	-4%	-3%	1%	4%	1%	-1%
1979	Below Normal	-2%	-5%	-8%	-17%	-15%	-6%	-4%	-4%	-4%	-4%	-4%	-4%
1980	Above Normal	-7%	-5%	-5%	12%	0%	0%	-20%	-15%	-14%	-14%	-14%	-14%
1981	Dry	-15%	-2%	-21%	33%	78%	57%	10%	11%	112%	1%	1%	-2%
1982	Wet	-1%	-1%	1%	5%	3%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	-8%	-6%	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%	-16%	-1%	4%	0%	0%	0%	0%	0%
1987	Dry	0%	-10%	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%	1%	1%	-1%	0%	-1%	0%	0%	0%	0%	-3%	1%
1990	Critical	1%	1%	1%	-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%	1%	0%	0%	0%
1994	Critical	0%	0%	0%	1%	1%	0%	0%	0%	1%	0%	0%	0%
1995	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	0%	-5%	1%	1%
1996	Wet	-20%	-75%	-2%	4%	-2%	-1%	0%	0%	0%	0%	0%	0%
1997	Wet	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	-1%	1%	-1%	-1%	-1%	-1%	-1%
1999	Wet	-1%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	-3%	-2%	-1%	0%	0%	0%	0%	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	-1%	-1%	0%	0%	1%	1%	0%	0%	1%	0%	0%	-1%
	Wet	-1%	-4%	-1%	0%	0%	1%	1%	-1%	1%	-1%	-1%	-1%
	Above Normal	1%	0%	-1%	3%	3%	0%	-2%	-2%	-1%	-1%	-1%	-1%
	Below Normal	0%	-1%	0%	-2%	-3%	-2%	0%	0%	0%	0%	0%	0%
	Dry	-1%	-1%	-1%	1%	4%	2%	0%	0%	3%	0%	0%	-1%
	Critical	0%	0%	0%	0%	1%	3%	-1%	0%	1%	0%	3%	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: Alternative5_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	14.42	0.00	0.00	14.93	20.83	22.00	33.80	209.96
1923	Below Normal	11.59	0.00	25.04	0.00	0.00	0.00	0.00	0.00	0.00	14.16	21.20	37.52	109.51
1924	Critical	8.89	2.68	11.33	34.53	21.78	0.00	0.00	0.00	0.00	26.03	0.00	0.00	105.24
1925	Dry	19.28	34.73	54.09	55.13	32.12	34.08	0.00	0.00	0.00	11.88	0.00	33.27	274.58
1926	Dry	0.90	0.41	14.08	49.61	16.96	0.00	0.00	0.00	0.00	21.16	0.00	9.65	112.77
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	18.84	23.64	20.64	27.82	1.35	0.00	0.00	0.00	0.00	0.34	92.63
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	104.92	57.05	110.55	11.13	0.00	0.00	0.00	0.00	8.58	0.00	303.29
1933	Critical	1.05	0.50	35.48	117.50	9.59	0.68	0.00	0.00	0.00	0.00	0.00	0.00	164.80
1934	Critical	0.00	3.10	105.89	111.73	72.84	1.58	0.00	0.00	0.00	0.00	0.00	0.39	295.53
1935	Below Normal	0.23	13.06	37.93	61.76	71.56	39.76	0.00	0.00	0.00	10.84	17.63	34.61	287.38
1936	Below Normal	11.66	4.80	15.83	34.25	132.01	28.63	0.00	0.00	0.00	14.03	17.03	32.44	290.68
1937	Below Normal	17.13	0.00	60.54	54.29	37.32	0.72	0.00	0.00	0.00	0.00	0.00	0.00	170.00
1938	Wet	0.00	37.54	13.37	93.16	73.06	63.50	0.00	0.00	0.00	0.00	0.00	8.76	289.39
1939	Dry	0.00	0.00	36.25	13.20	2.35	0.00	0.00	0.00	0.00	2.56	0.00	0.32	54.68
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	40.77	77.71	71.38	0.00	0.00	0.00	11.03	12.15	17.78	256.70
1942	Wet	0.00	0.00	11.77	11.81	8.91	10.57	0.00	0.00	0.00	15.80	20.03	25.40	104.29
1943	Wet	2.67	0.00	27.94	29.50	29.85	70.44	0.00	0.00	0.00	0.00	3.26	11.73	175.39
1944	Dry	0.00	0.00	21.21	32.75	35.46	15.55	0.00	0.00	0.00	23.58	4.74	0.00	133.29
1945	Below Normal	3.67	67.52	43.68	51.75	50.42	14.19	0.00	0.00	0.00	12.02	14.97	28.42	286.64
1946	Below Normal	20.52	54.01	40.12	0.55	0.00	0.00	0.00	0.00	0.00	20.60	22.41	40.81	199.02
1947	Dry	22.96	23.69	39.45	27.63	22.05	0.00	0.00	0.00	0.00	8.63	0.00	22.03	166.44
1948	Below Normal	4.02	0.14	0.00	5.98	0.00	19.33	0.00	0.00	0.42	8.07	14.77	26.79	79.52
1949	Dry	1.56	1.10	35.24	47.29	43.85	10.74	0.00	0.00	0.00	3.40	0.00	22.33	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	26.66	0.11	0.71	0.00	0.00	0.00	5.37	13.62	33.15	279.99
1952	Wet	0.00	14.67	15.06	13.62	0.00	50.48	0.00	0.00	0.00	8.61	16.54	32.27	151.25
1953	Wet	0.00	0.00	61.92	0.00	0.00	0.00	0.00	0.00	0.00	12.10	19.55	35.04	128.61
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	1.04	0.00	0.00	0.00	0.50	11.02	24.09	109.35
1958	Wet	44.23	4.13	26.25	36.94	3.47	61.41	0.00	0.00	0.00	0.00	0.00	8.61	185.04
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	37.12	34.60	0.00	0.00	0.00	6.21	11.72	24.37	142.17
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	29.30	49.09	32.49	0.00	0.00	0.00	0.00	0.00	15.09	0.00	29.02	168.30
1965	Wet	0.00	4.40	17.12	40.39	0.00	9.50	0.00	0.00	0.00	13.86	17.64	26.61	129.52
1966	Below Normal	0.00	15.09	79.75	6.03	0.00	0.00	0.00	0.00	0.00	12.15	16.99	36.45	166.46
1967	Wet	4.66	23.40	44.58	53.50	0.00	8.26	0.00	0.00	0.00	0.00	0.00	9.79	144.19
1968	Below Normal	0.00	0.00	29.21	27.55	0.07	21.14	0.00	0.00	0.00	7.10	13.93	30.84	129.84
1969	Wet	0.62	24.28	85.54	25.56	70.99	0.65	0.00	9.92	0.00	4.28	0.00	13.70	235.54
1970	Wet	0.00	0.00	2.10	83.96	15.81	28.47	0.00	0.00	0.00	21.81	20.03	12.85	185.03
1971	Wet	0.00	39.61	16.23	0.00	0.00	1.55	0.00	0.00	0.00	14.30	21.48	38.80	131.97
1972	Below Normal	4.48	0.00	82.30	30.63	0.00	0.00	0.00	0.00	0.00	9.78	17.63	36.38	181.20
1973	Above Normal	21.65	68.93	32.76	41.67	0.12	0.56	0.00	0.00	0.00	14.66	15.67	29.94	225.96
1974	Wet	18.61	56.25	21.92	4.15	0.00	0.00	0.00	0.00	0.00	11.68	13.13	25.63	151.37
1975	Wet	11.86	0.00	61.82	2.07	1.68	19.36	0.00	0.00	0.00	13.28	15.26	25.51	150.84
1976	Critical	19.38	0.00	61.69	18.86	0.06	10.31	0.00	0.00	0.00	6.25	0.00	25.70	142.25
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	32.42	47.97	18.27	0.00	0.00	0.00	11.41	14.84	26.73	151.89
1979	Below Normal	0.00	0.00	49.20	43.93	59.38	8.34	0.00	0.00	0.00	21.26	24.52	37.75	244.38
1980	Above Normal	19.23	14.68	75.79	28.21	0.13	0.65	0.00	0.00	0.00	11.18	8.97	9.51	168.35
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	49.28	25.31	23.15	72.98	72.96	8.13	0.00	0.00	0.00	0.00	15.10	268.01
1983	Wet	35.35	39.44	67.61	2.36	0.12	0.67	1.24	2.54	2.78	3.45	0.00	18.35	173.91
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	70.41	22.07	0.00	0.00	0.00	0.00	0.00	12.09	184.23
1987	Dry	0.00	0.00	24.20	29.62	27.09	20.33	0.00	0.00	0.00	0.00	0.00	5.77	107.01
1988	Critical	0.00	2.82	38.48	34.98	2.37	14.09	0.00	0.00	0.00	23.56	0.00	0.00	116.30
1989	Dry	0.00	39.39	39.14	52.12	5.85	3.43	0.00	0.00	0.00	1.39	0.00	25.25	166.57
1990	Critical	7.20	0.00	19.95	28.52	12.99	0.00	0.00	0.00	0.00	36.71	0.00	0.00	105.37
1991	Critical	0.00	0.88	4.15	4.72	11.22	7.35	0.00	0.00	0.00	35.89	0.00	0.00	64.21
1992	Critical	3.27	0.00	16.01	14.02	18.80	26.39	0.00	0.00	0.00	0.00	0.00	4.17	82.66
1993	Above Normal	0.00	0.05	30.83	44.74	10.53	4.80	0.00	0.00	0.00	9.37	14.17	25.33	139.82
1994	Critical	3.83	0.00	57.83	33.07	28.70	4.18	0.00	0.00	0.00	1.54	0.00	0.32	129.47
1995	Wet	0.18	0.03	0.00	31.06	12.45	86.51	0.00	0.00	0.00	0.00	0.85	12.62	143.70
1996	Wet	0.00	0.07	0.01	10.86	85.61	50.75	0.00	0.00	0.00	16.01	18.03	27.92	209.26
1997	Wet	0.00	0.00	72.28	80.78	71.06	35.35	0.00	0.00	0.00	0.00	6.39	19.37	285.23
1998	Wet	0.00	0.00	37.74	10.11	58.08	46.25	0.00	0.00	11.50	15.47	20.76	34.59	234.50
1999	Wet	53.95	46.60	0.00	0.00	0.06	0.56	0.00	0.00	0.00	21.35	24.72	0.00	147.24
2000	Above Normal	0.00	0.00	62.17	2.53	21.47	44.26	0.00	0.00	0.00	6.04	14.40	28.73	179.60
2001	Dry	0.00	0.00	70.65	41.01	29.48	28.85	0.00	0.00	0.00	0.00	0.00	8.42	178.41
2002	Dry	0.00	28.10	49.19	38.81	49.34	17.01	0.00	0.00	0.00	10.33	0.00	13.66	206.44
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	6.21	13.53	36.48	32.22	24.43	18.41	0.13	0.15	0.37	9.82	8.57	19.62	169.95
	Wet	9.25	20.61	29.77	28.78	26.91	27.46	0.36	0.48	0.55	9.43	11.88	20.84	186.34
	Above Normal	6.27	12.72	43.46	28.67	12.74	19.21	0.00	0.00	1.28	7.76	13.09	26.24	171.44
	Below Normal	5.25	11.05	34.89	27.08	30.70	16.15	0.00	0.00	0.03	10.64	15.65	30.38	181.83
	Dry	4.20	13.97	46.19	37.68	27.09	13.70	0.00	0.00	0.00	10.43	0.94	16.42	170.61
	Critical	3.70	1.20	31.34	41.03	19.44	7.70	0.11	0.02	0.04	10.87	0.04	2.60	118.10

Difference in Energy Use (GWh) At Pumping Plant at SWP San Luis: Alternative5_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	(0.04)	0.00	0.00	(0.04)	(0.54)	(0.23)	(0.04)	(0.07)
1923	Below Normal	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.13)	(0.09)	(0.11)	(0.03)
1924	Critical	0.03	0.04	0.10	0.17	0.16	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.04
1925	Dry	(0.03)	(0.04)	(0.03)	0.00	0.01	0.41	0.00	0.00	0.00	(0.06)	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	0.04	0.00	(0.19)	(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	(0.03)	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)	0.00	0.00	0.10	0.06	0.00	0.00	0.00	0.00	(0.01)	0.00	0.01
1933	Critical	(0.01)	0.00	(1.69)	(0.18)	1.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	(0.04)	44.20	5.08	1.22	(8.37)	0.00	0.00	0.00	0.00	0.00	0.00	3.51
1935	Below Normal	0.00	(2.53)	(3.26)	(4.28)	(0.68)	(0.17)	0.00	0.00	0.00	(1.70)	(0.65)	0.19	(1.09)
1936	Below Normal	(2.00)	1.45	(3.96)	11.00	2.80	(0.34)	0.00	0.00	0.00	0.02	0.01	0.01	0.75
1937	Below Normal	(0.02)	0.00	0.08	0.24	(0.31)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	(0.78)	(12.67)	(6.14)	(1.35)	27.23	0.00	0.00	0.00	0.00	0.00	(1.45)	0.40
1939	Dry	0.00	0.00	(7.90)	(4.23)	1.86	0.00	0.00	0.00	0.00	2.07	(0.43)	0.00	(0.72)
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	0.14	(3.13)	0.16	0.00	0.00	0.00	(0.41)	(0.23)	(0.31)	(0.29)
1942	Wet	0.00	0.00	0.28	(0.01)	(1.24)	0.39	0.00	0.00	0.00	(0.05)	(0.02)	(0.01)	(0.06)
1943	Wet	(0.01)	0.00	0.02	(5.87)	0.75	(0.22)	0.00	0.00	0.00	0.00	0.34	(0.18)	(0.43)
1944	Dry	0.00	0.00	(2.55)	1.43	1.38	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)	(5.50)	6.41	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	(0.56)	(0.32)	(0.18)	(0.10)
1947	Dry	(0.58)	0.40	0.79	0.96	(1.33)	0.00	0.00	0.00	0.00	(0.20)	0.00	(0.13)	(0.01)
1948	Below Normal	(1.11)	(0.13)	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)	(0.31)	(0.03)	(0.01)	0.04	0.00	0.00	0.00	(0.14)	0.00	0.01	(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)	13.82	0.00	0.00	0.00	0.00	0.00	(0.06)	(0.05)	0.45	0.10
1952	Wet	0.00	(0.06)	(0.04)	(1.32)	0.00	(0.60)	0.00	0.00	0.00	8.61	15.71	13.23	2.96
1953	Wet	0.00	0.00	14.75	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	0.96	0.00	0.00	0.00	0.00	(0.05)	(0.07)	0.05
1958	Wet	(0.12)	(0.07)	(0.06)	(0.01)	0.04	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	0.01	(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	0.00	0.02	(0.07)	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)	(0.17)	0.00	(0.12)	0.00	0.00	0.00	(0.20)	(0.09)	0.02	(0.05)
1966	Below Normal	0.00	0.01	0.02	0.03	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	(0.04)	0.00	0.00	0.00	0.00	0.00	(1.29)	(0.11)
1968	Below Normal	0.00	0.00	(3.04)	2.11	0.07	0.69	0.00	0.00	0.00	(0.18)	(0.18)	(0.18)	(0.06)
1969	Wet	0.00	(0.28)	(0.26)	(7.99)	9.51	0.00	(1.54)	7.14	0.00	4.28	0.00	1.04	0.99
1970	Wet	0.00	0.00	(0.12)	(1.39)	0.14	25.87	0.00	0.00	0.00	0.44	0.60	5.06	2.55
1971	Wet	0.00	0.77	0.79	0.00	0.00	(1.37)	0.00	0.00	0.00	0.56	0.46	0.70	0.16
1972	Below Normal	(0.20)	0.00	(0.34)	(1.32)	0.00	0.00	0.00	0.00	0.00	0.02	(0.02)	(0.03)	(0.16)
1973	Above Normal	(0.08)	(0.15)	(0.24)	0.23	0.00	0.00	0.00	0.00	0.00	(0.02)	(1.29)	(0.04)	(0.13)
1974	Wet	(0.01)	0.02	0.03	(2.16)	0.00	0.00	0.00	0.00	0.00	(0.06)	0.09	0.16	(0.16)
1975	Wet	0.19	0.00	0.20	(0.41)	(0.14)	0.23	0.00	0.00	0.00	0.04	0.04	0.04	0.02
1976	Critical	0.06	0.00	0.06	0.02	(0.01)	(0.05)	0.00	0.00	0.00	0.00	0.00	(0.11)	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	(0.07)	(9.12)	(4.79)	0.00	0.00	0.00	(6.60)	(5.97)	(10.05)	(3.05)
1979	Below Normal	0.00	0.00	(15.91)	3.68	1.94	3.46	0.00	0.00	0.00	3.84	4.01	3.45	0.37
1980	Above Normal	(0.30)	11.61	6.76	(13.54)	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	0.74	(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	2.36	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	(20.41)	21.26	0.00	0.00	0.00	0.00	0.00	(0.84)	0.00
1987	Dry	0.00	0.00	(0.41)	(0.09)	(0.10)	(0.09)	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.06)
1988	Critical	0.00	0.01	0.24	0.05	(0.01)	0.02	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	0.09	0.00	0.00	0.00	(0.21)	0.00	(0.42)	(0.09)
1990	Critical	(0.22)	0.00	(0.29)	0.40	0.27	0.00	0.00	0.00	0.00	(0.41)	0.00	0.00	(0.02)
1991	Critical	0.00	(0.03)	(0.17)	(0.30)	(0.21)	(0.04)	0.00	0.00	0.00	(0.28)	0.00	0.00	(0.09)
1992	Critical	(0.08)	0.00	(0.20)	(0.35)	(0.05)	(0.09)	0.00	0.00	0.00	0.00	0.00	0.24	(0.04)
1993	Above Normal	0.00	0.00	0.49	0.35	(0.03)	(0.22)	0.00	0.00	0.00	0.17	0.14	0.08	0.08
1994	Critical	0.00	0.00	0.61	(0.21)	(0.18)	(0.01)	0.00	0.00	0.00	0.02	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	(1.53)	(6.42)	(0.88)
1996	Wet	0.00	0.07	0.00	(0.82)	0.64	(1.38)	0.00	0.00	0.00	0.10	0.19	0.23	(0.08)
1997	Wet	0.00	0.00	0.19	(0.09)	0.00	(0.85)	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)
1998	Wet	0.00	0.00	(0.01)	0.02	(0.19)	0.15	0.00	0.00	0.41	0.41	0.43	0.29	0.13
1999	Wet	0.23	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.09
2000	Above Normal	0.00	0.00	0.00	0.00	(1.92)	(0.21)	0.00	0.00	0.00	(0.29)	(0.16)	(0.15)	(0.23)
2001	Dry	0.00	0.00	(1.08)	0.52	0.47	0.12	0.00	0.00	0.00	0.00	0.00	(0.06)	0.00
2002	Dry	0.00	(0.10)	(0.07)	(0.05)	(0.06)	(0.01)	0.00	0.00	0.00	0.07	0.00	0.90	0.06
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	(0.06)	0.10	0.22	(0.10)	(0.47)	0.44	(0.02)	0.07	0.00	0.19	0.26	0.08	0.06
	Wet	(0.01)	(0.08)	(0.45)	(0.65)	(0.30)	1.87	(0.06)	0.22	0.02	0.56	0.65	0.47	0.19
	Above Normal	(0.03)	0.96	(0.10)	(0.06)	(1.10)	(0.58)	0.00	0.00	(0.00)	0.28	0.15	(0.87)	(0.11)
	Below Normal	(0.24)	(0.11)	(1.89)	0.88	(0.12)	0.74	0.00	0.00	0.00	0.08	0.19	0.21	(0.02)
	Dry	(0.03)	0.02	0.80	(0.43)	(1.03)	(0.42)	0.00	0.00	0.00	(0.09)	0.01	0.08	(0.09)
	Critical	(0.02)	(0.00)	3.57	0.39	0.26	(0.71)	0.00	0.00	0.00	(0.14)	0.00	0.01	0.28

Percent Difference in Energy Use (GWh) At Pumping Plant at SWP San Luis: Alternative5_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%	-1%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
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%	72%	5%	2%	-84%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	-16%	-8%	-6%	-1%	0%	0%	0%	0%	-14%	-4%	1%
1936	Below Normal	-15%	43%	-20%	47%	2%	-1%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	-2%	-49%	-6%	-2%	75%	0%	0%	0%	0%	0%	-14%
1939	Dry	0%	0%	-18%	-24%	380%	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%	-4%	0%	0%	0%	0%	-4%	-2%	-2%
1942	Wet	0%	0%	2%	0%	-12%	4%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-17%	3%	0%	0%	0%	0%	0%	12%	-2%
1944	Dry	0%	0%	-11%	5%	4%	3%	0%	0%	0%	0%	14%	0%
1945	Below Normal	-1%	0%	0%	0%	-10%	82%	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%	-48%	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%	-2%	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%	257%	0%	-	0%	8%
1970	Wet	0%	0%	-5%	-2%	1%	995%	0%	0%	0%	2%	3%	65%
1971	Wet	0%	2%	5%	0%	0%	-47%	0%	0%	0%	4%	2%	2%
1972	Below Normal	-4%	0%	0%	-4%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	-1%	1%	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%	-17%	-8%	1%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	-14%	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%	-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%	-22%	>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%	0%	1%	0%	0%	0%	0%	0%	0%	-4%	0%	0%
1989	Dry	0%	-1%	0%	0%	0%	3%	0%	0%	0%	-13%	0%	-2%
1990	Critical	-3%	0%	-1%	1%	2%	0%	0%	0%	0%	-1%	0%	0%
1991	Critical	0%	-3%	-4%	-6%	-2%	-1%	0%	0%	0%	-1%	0%	0%
1992	Critical	-2%	0%	-1%	-2%	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%	1%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	-1%	0%	-100%	0%	0%	-64%	-34%
1996	Wet	0%	-	0%	-7%	1%	-3%	0%	0%	0%	1%	1%	1%
1997	Wet	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	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%	-8%	0%	0%	0%	0%	-5%	-1%	-1%
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%	7%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	2%	4%	0%	0%	0%	11%	-1%	2%	0%	3%	-2%	1%
	Wet	7%	0%	-1%	-4%	-5%	35%	-4%	6%	0%	0%	-2%	3%
	Above Normal	0%	31%	1%	6%	-10%	-3%	0%	0%	0%	-12%	-3%	-3%
	Below Normal	-3%	-2%	-4%	6%	0%	11%	0%	0%	0%	0%	1%	1%
	Dry	0%	-1%	3%	-2%	15%	-5%	0%	0%	0%	21%	-5%	1%
	Critical	0%	0%	5%	0%	1%	-7%	0%	0%	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: Alternative5_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	766.04	675.48	691.90	791.13	829.00	829.35	793.87	9,240.46
1923	Below Normal	643.21	573.91	604.75	897.65	891.54	711.73	578.20	660.45	694.33	832.44	850.60	779.81	8,718.62
1924	Critical	556.56	482.95	426.85	244.60	231.89	220.30	324.57	392.32	397.91	502.83	359.83	315.32	4,455.93
1925	Dry	221.15	210.01	229.80	152.68	167.98	491.80	592.96	758.51	785.95	941.85	890.90	870.69	6,314.28
1926	Dry	601.89	540.79	466.90	182.17	166.50	280.98	446.99	627.56	668.86	807.57	741.52	670.58	6,202.31
1927	Wet	472.06	587.93	423.22	170.79	473.75	813.43	720.36	735.29	758.54	870.23	870.79	842.29	7,738.68
1928	Above Normal	674.43	625.31	760.54	530.76	562.93	500.90	819.79	830.86	844.47	941.09	951.38	920.69	8,963.15
1929	Critical	771.64	695.60	759.18	525.53	488.10	341.33	328.60	426.28	436.41	434.48	403.35	71.09	5,681.59
1930	Dry	222.24	270.42	311.30	146.44	186.96	285.82	500.68	582.63	616.27	749.76	641.64	669.96	5,184.12
1931	Critical	345.39	293.00	237.81	182.71	182.01	228.36	394.25	470.31	483.04	523.43	437.61	379.73	4,157.65
1932	Dry	219.68	193.78	366.46	189.98	371.98	600.67	435.52	577.91	605.84	675.66	715.10	587.32	5,539.90
1933	Critical	429.19	378.22	371.72	295.93	726.23	267.46	392.98	570.26	578.05	641.38	592.63	504.65	5,748.70
1934	Critical	342.86	301.03	448.32	291.45	269.27	336.58	409.78	556.99	571.28	583.93	514.22	36.54	4,662.25
1935	Below Normal	505.74	486.62	443.24	203.92	303.53	380.65	742.09	793.60	823.92	950.23	965.39	903.15	7,502.08
1936	Below Normal	717.70	643.18	615.86	370.74	607.90	1,149.63	718.60	812.33	832.57	942.93	944.64	913.27	9,269.35
1937	Below Normal	795.90	688.82	815.90	600.79	1,036.28	950.61	889.20	977.96	1,028.59	1,095.66	1,095.32	987.32	10,962.35
1938	Wet	915.36	947.22	887.54	747.05	1,054.92	1,183.78	1,021.05	1,043.44	1,094.93	1,136.85	1,134.52	1,080.03	12,246.69
1939	Dry	947.50	840.14	980.68	692.20	645.09	458.87	583.81	653.68	52.42	944.19	476.63	756.24	8,031.45
1940	Above Normal	222.84	155.89	843.71	145.20	197.56	500.64	654.00	759.64	625.89	926.76	1,007.68	907.07	6,946.88
1941	Wet	643.52	562.52	529.65	382.11	827.70	930.41	802.30	813.65	844.45	935.07	933.74	881.20	9,086.32
1942	Wet	734.49	643.65	715.79	937.02	932.55	954.82	620.58	668.89	717.85	820.76	830.95	753.77	9,331.12
1943	Wet	566.32	472.02	510.63	746.19	893.99	927.00	879.75	885.55	897.90	1,007.25	1,008.83	960.75	9,756.18
1944	Dry	816.11	29.56	1,125.55	395.09	384.80	344.85	503.65	584.12	615.78	749.96	674.49	556.23	6,780.19
1945	Below Normal	383.63	475.38	343.53	234.02	260.37	1,055.41	712.78	789.95	798.53	919.31	920.45	888.75	7,782.11
1946	Below Normal	785.27	794.09	754.60	924.00	894.95	1,015.96	612.82	641.82	646.56	786.70	788.74	757.60	9,403.11
1947	Dry	613.41	566.68	576.26	461.85	517.04	363.85	814.89	829.35	827.69	951.60	894.25	918.76	8,335.63
1948	Below Normal	783.00	721.05	693.70	435.39	376.83	314.92	398.46	316.21	126.57	1,007.10	1,030.59	926.57	7,130.39
1949	Dry	658.96	591.66	551.45	219.83	240.99	296.03	700.14	788.61	818.21	961.40	559.53	995.06	7,381.87
1950	Below Normal	673.39	336.53	469.66	160.29	175.89	315.14	597.99	681.13	84.55	988.17	1,008.93	905.38	6,397.05
1951	Above Normal	710.57	710.90	649.74	1,075.53	977.33	1,112.61	614.17	719.20	741.61	825.36	846.86	822.03	9,805.91
1952	Wet	658.93	648.77	634.50	937.83	941.15	1,165.85	812.50	806.20	848.88	913.22	918.76	888.36	10,174.95
1953	Wet	721.38	634.48	800.54	918.74	902.38	834.17	571.45	663.81	690.42	838.03	857.29	780.24	9,212.93
1954	Above Normal	519.93	442.22	476.15	210.99	602.66	488.03	619.94	720.93	765.61	877.92	925.04	831.61	7,481.03
1955	Dry	574.07	543.82	587.22	219.37	256.85	376.17	580.62	662.63	664.80	848.37	790.36	687.15	6,791.43
1956	Wet	502.57	518.97	491.60	750.53	1,023.25	1,127.29	728.49	817.18	862.74	940.21	938.64	896.33	9,597.80
1957	Above Normal	745.08	649.83	815.31	628.10	565.79	610.79	645.53	750.15	521.93	955.90	1,011.80	907.87	8,808.08
1958	Wet	748.65	582.60	519.98	168.16	758.61	928.44	1,013.03	1,029.89	1,069.82	1,132.17	1,131.84	1,083.21	10,166.40
1959	Below Normal	948.45	286.24	1,095.88	426.49	461.07	483.58	564.37	634.45	83.32	927.60	943.05	850.73	7,705.23
1960	Dry	587.43	517.60	422.50	176.50	152.04	306.57	708.08	810.04	628.38	1,011.53	799.29	996.69	7,116.65
1961	Dry	710.81	706.99	719.62	250.80	222.75	312.92	577.91	657.96	647.66	829.74	615.72	411.90	6,664.78
1962	Below Normal	17.73	583.40	699.12	148.53	180.84	422.02	614.57	703.68	95.82	1,015.41	1,037.77	929.49	6,448.38
1963	Wet	774.51	728.98	532.01	564.59	653.58	686.14	609.27	651.72	667.70	802.49	809.58	772.34	8,252.91
1964	Dry	593.70	586.24	586.14	492.20	913.68	680.74	668.46	696.30	681.72	841.92	766.62	799.86	8,307.58
1965	Wet	609.77	575.21	577.90	726.60	894.52	844.00	644.38	669.66	456.47	861.22	867.82	810.50	8,538.05
1966	Below Normal	611.21	605.70	698.83	828.41	848.75	654.43	587.26	662.92	685.22	829.43	845.99	779.37	8,637.52
1967	Wet	554.58	533.01	484.93	302.50	880.93	898.71	993.09	1,015.61	1,084.92	1,124.21	1,123.14	1,076.28	10,071.91
1968	Below Normal	940.19	736.45	1,012.63	465.03	500.77	501.41	575.81	653.10	89.38	944.33	962.50	868.69	8,250.29
1969	Wet	601.41	589.21	610.49	572.68	1,044.37	1,055.89	895.37	1,070.37	1,051.04	1,086.40	1,086.68	1,039.09	10,703.00
1970	Wet	908.01	798.91	844.62	1,116.75	948.15	1,125.67	810.75	697.92	705.52	835.97	831.31	752.26	10,375.84
1971	Wet	631.53	681.65	617.49	897.94	897.42	811.60	591.00	666.14	702.43	831.38	847.41	782.26	8,958.25
1972	Below Normal	558.46	456.85	600.26	410.46	694.70	647.73	620.32	691.89	717.88	864.70	886.00	809.23	7,958.48
1973	Above Normal	603.33	645.02	481.53	243.83	825.70	826.09	657.23	756.21	781.18	886.22	885.25	848.89	8,440.48
1974	Wet	735.67	762.48	683.37	934.43	910.49	1,073.34	937.83	763.85	802.50	893.37	892.41	860.03	10,249.77
1975	Wet	732.94	614.89	779.64	787.57	664.74	975.29	735.96	746.15	787.58	874.39	874.85	842.31	9,416.31
1976	Critical	732.14	597.78	764.08	528.51	514.49	481.80	641.10	736.86	619.17	926.83	649.23	933.00	8,124.99
1977	Critical	643.63	571.58	372.54	119.75	105.22	149.82	243.20	59.54	1.67	49.72	45.18	67.73	2,429.58
1978	Above Normal	17.60	317.71	556.33	152.18	287.64	721.12	695.75	750.18	810.04	909.99	920.90	856.42	6,995.86
1979	Below Normal	658.77	586.27	651.73	434.06	474.40	892.22	731.55	752.12	765.85	879.73	881.56	852.55	8,560.81
1980	Above Normal	730.39	665.04	776.84	798.71	963.48	1,059.40	738.06	851.21	900.96	979.95	978.26	909.22	10,351.52
1981	Dry	793.87	695.37	850.39	621.34	776.77	619.87	643.90	751.50	675.34	944.03	936.73	836.83	9,145.94
1982	Wet	614.39	674.34	506.48	564.20	851.98	944.62	1,063.17	1,012.02	1,045.30	1,108.10	1,106.31	1,065.11	10,556.02
1983	Wet	1,012.77	953.05	993.47	956.41	903.94	1,021.26	974.85	947.30	900.53	1,033.55	1,066.21	1,022.71	11,786.05
1984	Wet	1,044.98	950.26	895.13	1,002.95	988.30	1,104.90	605.67	715.81	739.28	839.95	850.71	757.54	10,495.48
1985	Dry	685.87	729.80	874.57	780.48	683.85	702.88	684.45	709.49	712.44	841.08	770.00	807.36	8,982.27
1986	Wet	682.51	673.60	637.08	492.65	643.77	1,119.72	986.76	1,025.88	1,047.09	1,135.04	1,131.55	1,086.28	10,661.93
1987	Dry	950.17	198.47	1,095.16	417.59	393.83	279.99	318.67	389.77	394.54	381.78	340.56	328.33	5,488.86
1988	Critical	154.00	133.30	198.35	112.83	138.56	187.65	261.85	306.54	297.21	391.44	270.68	249.71	2,702.12
1989	Dry	121.14	186.75	167.78	152.30	154.34	214.97	758.70	807.06	828.86	942.57	816.99	923.10	6,074.56
1990	Critical	746.15	654.64	672.82	380.40	343.25	269.55	354.07	426.33	426.40	573.96	387.16	362.20	5,596.93
1991	Critical	180.98	148.89	136.96	58.33	122.22	173.32	268.68	299.28	323.70	413.41	266.59	237.10	2,629.46
1992	Critical	135.59	93.53	124.14	63.52	118.57	209.91	328.24	382.19	402.11	394.13	336.85	339.97	2,928.75
1993	Above Normal	122.12	96.19	245.27	165.63	693.35	728.14	640.15	694.71	330.99	926.75	940.61	871.26	6,455.17
1994	Critical	671.24	560.11	662.71	369.09	385.92	436.95	636.64	732.31	490.14	946.98	250.72	566.39	6,709.20
1995	Wet	46.18	453.81	868.42	159.09	553.26	675.69	920.66	961.72	1,001.84	957.16	1,065.61	1,024.65	8,688.09
1996	Wet	496.82	21.30	568.19	445.78	565.20	812.10	703.86	709.62	737.95	836.40	836.69	804.29	7,538.20
1997	Wet	626.14	554.36	749.89	1,066.79	1,052.75	1,154.91	802.37	825.51	823.98	931.05	946.08	911.33	10,445.16
1998	Wet	738.01	678.39	808.01	611.28	1,039.78	1,143.95	790.80	778.66	858.83	891.74	895.92	864.79	10,100.16
1999	Wet	814.70	857.76	740.06	930.19	970.47	857.91	606.59	711.76	735.89	851.71	853.52	724.05	9,654.61
2000	Above Normal	638.24	556.37	733.50	542.46	910.82	768.21	667.59	724.77	756.70	867.60	895.43	832.43	8,894.12
2001	Dry	616.57	527.25	663.09	359.97	337.28	345.77	466.09	553.88	587.08	634.18	523.95	510.77	6,125.88
2002	Dry	266.32	291.24	283.76	163.55	281.81	376.23	777.81	791.00	788.93	918.21	502.16	939.17	6,380.19
2003	Above Normal	205.97	261.43	811.39	182.59	283.93	411.58	559.83	641.16	94.91	940.18	959.87	861.32	6,214.16
	Average	595.20	535.18	621.92	471.23	584.91	656.12	647.81	703.50	658.55	849.95	804.82	770.81	7,900.01
	Wet	676.47	642.28	669.64	688.11	856.61	968.11	801.61	824.37	843.63	941.84	950.43	898.54	9,761.65
	Above Normal	523.74	506.15	671.07	413.62	625.22	707.80	665.63	740.91	663.79	905.56	929.37	863.56	8,216.40
	Below Normal	644.48	569.61	678.55	467.13	550.56	678.25	638.86	697.97	533.79	927.41	940.11	867.99	8,194.70
	Dry	566.72	457.03	603.26	337.46	380.81	407.72	597.96	679.56	644.49	831.97	692.02	737.00	6,935.99
	Critical	475.78	409.22	431.29	264.39	302.14	275.25	382.00	446.60	418.92	531.88	376.17	338.62	4,652.26

Difference in Energy Use (GWh) At Pumping Plant at System Total: Alternative5_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	(0.05)	(0.02)	0.00	(0.03)	(0.53)	(0.22)	(0.03)	(0.07)
1923	Below Normal	(0.02)	(0.07)	(0.04)	(0.91)	(0.53)	(4.28)	(0.16)	0.36	0.79	0.59	0.76	0.32	(0.27)
1924	Critical	(0.24)	(0.20)	(0.69)	(2.21)	(1.87)	(0.56)	0.09	(0.03)	0.15	0.16	0.13	0.06	(0.43)
1925	Dry	(0.03)	(0.06)	(0.02)	0.02	(0.08)	(1.73)	0.36	0.42	0.40	0.41	0.56	0.37	0.05
1926	Dry	0.39	0.35	0.21	(0.02)	(0.16)	(0.17)	(0.48)	(0.38)	(0.32)	(0.37)	(0.25)	(0.92)	(0.18)
1927	Wet	(0.33)	(0.27)	(0.22)	0.02	(0.32)	0.02	0.02	0.01	0.01	0.01	0.01	(0.01)	(0.09)
1928	Above Normal	0.00	0.00	0.00	(0.03)	(0.54)	0.00	0.04	0.04	0.04	0.02	0.04	0.03	(0.03)
1929	Critical	0.03	0.02	(0.01)	(0.01)	(0.01)	(0.07)	(0.11)	(0.16)	(0.18)	(0.17)	(0.16)	0.47	(0.03)
1930	Dry	(0.13)	(0.14)	0.26	0.00	(0.03)	0.01	(0.02)	(0.01)	0.02	(0.01)	(0.05)	(0.03)	(0.01)
1931	Critical	(0.06)	(0.10)	(0.08)	0.01	(0.06)	0.01	(0.13)	(0.17)	(0.18)	(0.42)	(0.16)	(0.15)	(0.12)
1932	Dry	(0.11)	(0.10)	(0.05)	(0.07)	0.18	11.68	(0.01)	0.01	0.01	(0.01)	(0.02)	(0.01)	0.96
1933	Critical	(0.03)	(0.03)	(3.26)	(0.17)	(9.34)	0.00	0.01	0.01	0.02	(0.26)	(0.04)	(0.08)	(1.10)
1934	Critical	(0.05)	(0.08)	88.04	5.08	20.27	79.05	(39.29)	9.76	13.47	27.48	203.06	(0.88)	33.83
1935	Below Normal	(16.27)	28.51	31.03	(7.30)	(1.67)	(2.61)	(11.54)	0.52	4.43	6.70	10.26	2.29	3.70
1936	Below Normal	(15.68)	(10.25)	(33.26)	(20.22)	(33.33)	(3.03)	(0.06)	(0.09)	(0.09)	(0.08)	(0.08)	(0.08)	(9.69)
1937	Below Normal	(0.12)	(0.08)	0.12	0.41	(0.01)	(0.08)	(4.93)	(1.83)	0.97	0.02	0.01	0.00	(0.46)
1938	Wet	(1.48)	(0.76)	(25.38)	(22.51)	(1.72)	14.69	10.15	(59.92)	(0.36)	6.99	6.39	3.38	(5.88)
1939	Dry	8.42	7.34	(0.57)	36.82	(17.59)	(66.54)	(79.30)	(110.87)	(149.38)	(66.25)	54.24	(132.75)	(43.04)
1940	Above Normal	33.59	5.16	22.23	0.09	0.51	0.46	0.13	0.17	1.23	(1.19)	0.23	0.22	5.24
1941	Wet	0.21	0.46	0.45	(0.18)	(6.45)	(3.50)	(3.48)	(3.74)	(3.73)	(4.23)	(4.06)	(3.97)	(2.68)
1942	Wet	(3.13)	(3.90)	(3.06)	(0.44)	(2.46)	(4.47)	(0.01)	0.12	0.16	0.15	0.21	0.10	(1.39)
1943	Wet	(0.04)	(0.13)	(0.14)	(12.97)	(5.27)	(5.88)	(4.12)	(4.35)	(11.99)	(4.47)	(4.14)	(5.13)	(4.89)
1944	Dry	(4.02)	(7.49)	6.09	(23.09)	(20.51)	(6.64)	(0.08)	(0.11)	(2.25)	(0.16)	1.73	(0.14)	(4.72)
1945	Below Normal	(0.12)	(0.37)	(0.10)	(0.01)	(9.94)	(70.01)	0.88	1.10	1.07	0.93	0.99	0.96	(6.22)
1946	Below Normal	0.96	0.95	0.92	(0.14)	3.25	(3.92)	(2.85)	0.38	3.64	1.92	2.73	0.59	0.70
1947	Dry	(4.10)	(2.47)	(5.13)	(11.00)	1.99	(12.86)	1.53	2.25	2.24	2.10	1.76	2.07	(1.80)
1948	Below Normal	(0.57)	1.88	2.05	(15.61)	(14.24)	(5.05)	0.15	5.72	(0.53)	0.39	(0.02)	1.34	(2.04)
1949	Dry	0.80	0.02	(2.65)	(0.45)	(0.44)	(0.45)	(2.09)	(0.34)	0.25	0.72	(5.46)	1.88	(0.68)
1950	Below Normal	1.40	2.35	31.90	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	2.97
1951	Above Normal	0.00	0.01	(24.54)	34.64	3.16	0.05	0.67	0.60	0.58	0.54	0.55	1.68	1.49
1952	Wet	0.57	0.47	0.50	(2.63)	3.53	(0.68)	(4.51)	(137.32)	(142.97)	(129.14)	(122.37)	(118.35)	(54.41)
1953	Wet	(128.91)	(121.52)	(106.50)	(0.93)	126.66	256.43	19.30	19.68	397.57	(58.89)	(57.97)	(44.57)	25.03
1954	Above Normal	(29.25)	(26.70)	(3.66)	36.44	146.74	30.85	(3.21)	(1.12)	42.34	17.64	(15.77)	(14.03)	15.02
1955	Dry	(12.60)	(10.45)	(8.41)	(2.62)	3.95	6.60	12.47	15.16	15.78	14.77	17.93	19.76	6.03
1956	Wet	7.24	9.94	(19.92)	(90.68)	13.89	5.20	2.45	2.20	2.12	2.01	2.03	1.90	(5.13)
1957	Above Normal	2.09	2.04	1.78	0.42	(0.07)	(9.04)	(0.10)	(0.31)	(9.78)	0.30	1.66	1.68	(0.78)
1958	Wet	1.12	1.03	0.69	(0.14)	(0.44)	(0.39)	(1.30)	(0.42)	(0.44)	(0.43)	(0.44)	(0.66)	(0.15)
1959	Below Normal	(0.19)	(7.06)	(0.57)	0.53	0.06	0.17	0.01	0.00	0.00	0.00	0.01	0.01	(0.59)
1960	Dry	0.19	0.00	0.01	0.01	0.01	(0.75)	0.18	0.10	0.75	(0.06)	2.59	(0.74)	0.19
1961	Dry	(0.62)	(0.48)	(0.37)	0.22	0.22	0.09	0.06	0.08	(0.32)	(0.05)	(0.13)	0.27	(0.09)
1962	Below Normal	(0.06)	(0.91)	26.28	0.00	0.00	0.10	(0.03)	(0.03)	(0.02)	(0.04)	(0.04)	(0.03)	2.10
1963	Wet	(0.02)	(0.02)	(0.02)	0.01	0.01	0.01	0.00	(0.01)	0.15	(0.04)	(0.02)	0.00	0.00
1964	Dry	0.01	(0.04)	0.04	0.75	0.01	0.31	(0.05)	(0.12)	(0.54)	(0.05)	(0.09)	(0.05)	0.02
1965	Wet	(0.07)	0.00	0.07	0.01	0.02	(0.08)	(0.11)	0.02	(1.17)	0.13	0.27	0.29	(0.05)
1966	Below Normal	0.09	(0.19)	(0.06)	(0.40)	(0.46)	0.03	0.02	(0.02)	(0.04)	(0.05)	(0.06)	(0.02)	(0.10)
1967	Wet	0.03	0.02	0.07	0.20	0.06	0.20	(1.42)	(1.56)	(2.03)	0.01	0.01	(1.28)	(0.47)
1968	Below Normal	(1.78)	(95.77)	50.06	(32.90)	(41.40)	(10.02)	2.34	2.82	0.86	3.25	3.39	2.98	(9.68)
1969	Wet	2.87	2.22	1.89	(17.48)	18.07	(0.11)	(63.96)	35.07	0.95	5.26	1.00	3.38	(0.90)
1970	Wet	(0.22)	0.35	0.79	(0.75)	3.02	13.54	132.50	(8.81)	(8.94)	(8.66)	(8.47)	2.43	9.73
1971	Wet	(8.41)	(7.00)	(6.98)	(0.67)	0.15	10.86	1.10	(2.09)	(3.08)	(3.73)	(4.66)	(1.79)	(2.19)
1972	Below Normal	0.89	1.48	4.46	16.70	5.53	4.97	1.37	0.74	0.53	0.33	0.09	0.56	3.14
1973	Above Normal	1.23	1.19	1.84	2.23	0.00	(2.06)	2.73	(0.32)	(0.32)	(0.36)	(1.62)	(0.35)	0.35
1974	Wet	(0.36)	(0.26)	(0.27)	(4.16)	3.68	(0.14)	(5.13)	(2.09)	(2.09)	(2.20)	(2.05)	(1.88)	(1.41)
1975	Wet	(1.80)	(2.26)	(1.67)	4.13	1.26	(0.82)	(0.48)	(0.51)	(0.49)	(0.46)	(0.47)	(0.45)	(0.34)
1976	Critical	(0.43)	(0.40)	(0.41)	(0.12)	0.11	0.58	1.03	1.25	2.88	1.14	(1.33)	1.79	0.51
1977	Critical	1.19	1.25	(8.44)	0.00	0.00	0.00	0.01	(0.62)	0.00	(0.16)	0.00	0.12	(0.55)
1978	Above Normal	0.02	0.53	(1.00)	(0.07)	(18.85)	(57.70)	(14.50)	(0.35)	7.78	12.10	17.35	(2.70)	(4.78)
1979	Below Normal	(14.38)	(17.70)	(73.52)	(69.44)	(64.80)	(53.86)	(29.64)	(31.79)	(31.57)	(28.66)	(28.56)	(27.55)	(39.29)
1980	Above Normal	(35.81)	(7.56)	(21.63)	24.53	11.29	0.95	(163.14)	(145.33)	(144.22)	(136.74)	(139.49)	(163.15)	(76.69)
1981	Dry	(139.26)	7.07	(178.54)	130.36	295.54	192.91	52.33	63.05	579.38	(44.34)	(36.11)	(31.21)	74.27
1982	Wet	(17.75)	(16.98)	(10.33)	23.80	17.73	(0.93)	(0.27)	(5.73)	(0.28)	(0.29)	(0.30)	(0.60)	(0.99)
1983	Wet	(1.45)	(2.12)	(9.24)	10.69	3.53	(14.31)	47.83	(32.15)	(92.57)	(1.22)	0.00	(0.16)	(7.60)
1984	Wet	0.00	0.14	(194.32)	(20.13)	(16.06)	(7.44)	0.00	0.00	0.00	0.00	0.00	0.00	(19.82)
1985	Dry	(0.02)	0.00	(0.11)	0.00	0.00	(0.02)	0.01	0.00	0.01	0.00	(0.01)	0.01	(0.01)
1986	Wet	0.00	0.00	0.00	0.00	(154.07)	47.90	47.50	2.33	0.04	1.93	1.19	0.45	(4.39)
1987	Dry	3.73	(75.12)	(0.29)	(0.37)	(0.37)	(0.19)	(0.12)	(0.17)	0.72	(0.22)	0.06	(0.22)	(6.05)
1988	Critical	(0.05)	(0.05)	0.18	0.00	0.10	0.01	(0.02)	3.10	3.30	1.21	2.92	2.54	1.10
1989	Dry	1.35	0.59	0.82	(0.37)	(0.33)	(0.99)	(1.85)	0.33	1.02	1.53	(43.23)	11.64	(2.46)
1990	Critical	9.13	8.32	5.54	(6.68)	(4.79)	(0.77)	2.37	3.11	3.34	2.87	2.96	3.00	2.37
1991	Critical	1.68	1.13	0.63	(0.11)	(0.21)	0.04	0.00	0.00	(0.02)	(0.15)	0.00	(0.04)	0.25
1992	Critical	(0.20)	0.00	(0.24)	(0.73)	(0.05)	(0.08)	(4.78)	(6.28)	(15.73)	2.37	(4.91)	(5.55)	(3.01)
1993	Above Normal	7.32	(0.08)	(10.50)	(4.47)	0.85	1.67	0.62	(0.26)	9.14	(2.58)	(3.26)	(1.57)	(0.26)
1994	Critical	(0.28)	(0.09)	1.69	3.68	3.11	0.46	(0.76)	(0.91)	13.09	(4.01)	1.90	(0.61)	1.44
1995	Wet	(2.31)	9.12	12.79	(0.02)	(0.06)	(0.98)	(3.26)	(67.89)	(1.81)	(90.18)	15.93	10.52	(9.85)
1996	Wet	(341.68)	(369.96)	(131.46)	13.29	(5.19)	(7.17)	(2.90)	(3.07)	(3.06)	(3.04)	(2.95)	(2.78)	(71.66)
1997	Wet	(3.58)	(3.08)	(2.55)	(0.27)	0.03	(1.82)	(0.12)	(0.24)	(1.25)	0.41	(0.24)	(0.22)	(1.08)
1998	Wet	(0.19)	(0.32)	(0.23)	(0.53)	(0.19)	(6.59)	5.12	(6.13)	(3.96)	(4.06)	(4.05)	(3.98)	(2.09)
1999	Wet	(3.96)	(3.58)	0.62	(0.39)	0.00	(0.01)	(0.02)	(0.01)	(0.02)	(0.01)	(0.01)	(0.05)	(0.62)
2000	Above Normal	0.06	(0.01)	(0.01)	0.03	(4.58)	(8.36)	(1.55)	0.74	1.44	1.96	2.61	0.90	(0.56)
2001	Dry	(1.39)	(1.61)	(7.18)	(8.13)	(6.67)	(1.99)	0.35	0.25	0.19	1.96	0.77	0.61	(1.90)
2002	Dry	0.86	0.81	0.39	0.35	(0.12)	(0.09)	(0.91)	(0.96)	(0.96)	(0.91)	(12.35)	(2.28)	(1.35)
2003	Above Normal	22.63	0.13	20.89	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	3.64
	Average	(8.33)	(8.57)	(7.10)	(0.45)	2.97	3.67	(1.31)	(5.70)	5.81	(5.84)	(1.80)	(5.98)	(2.72)
	Wet	(19.37)	(19.55)	(19.02)	(4.72)	(0.02)	11.29	6.73	(10.64)	4.64	(11.31)	(7.12)	(6.29)	(6.28)
	Above Normal	0.16	(2.11)	(1.22)	7.82	11.54	(3.60)	(14.86)	(12.18)	(7.65)	(9.07)	(11.49)	(14.78)	(4.79)
	Below Normal	(3.27)	(6.94)	2.81	(9.24)	(11.25)	(10.54)	(3.17)	(1.58)	(1.43)	(1.05)	(0.75)	(1.33)	(3.98)
	Dry	(8.14)	(4.54)	(10.86)	6.80	14.20	6.62	(0.98)	(1.74)	24.83	(5.05)	(1.00)	(7.32)	1.07
	Critical	0.89	0.81	6.91	(0.11)	0.60	6.56	(3.47)	0.75	1.68	2.50	17.03	0.06	2.86

Percent Difference in Energy Use (GWh) At Pumping Plant at System Total: Alternative5_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%	-1%	-1%	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%	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%	0%	0%	0%	0%
1933	Critical	0%	0%	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	24%	2%	8%	31%	-9%	2%	2%	5%	65%	-2%
1935	Below Normal	-3%	6%	8%	-3%	-1%	-1%	-2%	0%	1%	1%	1%	0%
1936	Below Normal	-2%	-2%	-5%	-5%	-5%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	-3%	-3%	0%	1%	1%	-5%	0%	1%	1%	0%
1939	Dry	1%	1%	0%	6%	-3%	-13%	-12%	-15%	-74%	-7%	13%	-15%
1940	Above Normal	18%	3%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-2%	-1%	-1%	0%	0%	-1%	0%	0%	-1%
1944	Dry	0%	-20%	1%	-6%	-5%	-2%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	-4%	-6%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1947	Dry	-1%	0%	-1%	-2%	0%	-3%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-3%	-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%	0%	0%	0%	0%
1951	Above Normal	0%	0%	-4%	3%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	-1%	-15%	-14%	-12%	-12%	-12%
1953	Wet	-15%	-16%	-12%	0%	16%	44%	3%	3%	136%	-7%	-6%	-5%
1954	Above Normal	-5%	-6%	-1%	21%	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%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	-2%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	-2%	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%	4%	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%	-12%	5%	-7%	-8%	-2%	0%	0%	1%	0%	0%	0%
1969	Wet	0%	0%	0%	-3%	2%	0%	-7%	3%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	1%	20%	-1%	-1%	-1%	-1%	0%
1971	Wet	-1%	-1%	-1%	0%	0%	1%	0%	0%	0%	0%	-1%	0%
1972	Below Normal	0%	0%	1%	4%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	-1%	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%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	-2%	0%	0%	0%	0%	-1%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	-6%	-7%	-2%	0%	1%	1%	2%	0%
1979	Below Normal	-2%	-3%	-10%	-14%	-12%	-6%	-4%	-4%	-4%	-3%	-3%	-3%
1980	Above Normal	-5%	-1%	-3%	3%	1%	0%	-18%	-15%	-14%	-12%	-12%	-15%
1981	Dry	-15%	1%	-17%	27%	61%	45%	9%	9%	604%	-4%	-4%	-4%
1982	Wet	-3%	-2%	-2%	4%	2%	0%	0%	-1%	0%	0%	0%	0%
1983	Wet	0%	0%	-1%	1%	0%	-1%	5%	-3%	-9%	0%	0%	0%
1984	Wet	0%	0%	-18%	-2%	-2%	-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%	-19%	4%	5%	0%	0%	0%	0%	0%
1987	Dry	0%	-27%	0%	0%	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%	0%	0%	0%	0%	0%	0%	0%	0%	-5%	1%
1990	Critical	1%	1%	1%	-2%	-1%	0%	1%	1%	1%	1%	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%	-1%	-2%
1993	Above Normal	6%	0%	-4%	-3%	0%	0%	0%	0%	3%	0%	0%	0%
1994	Critical	0%	0%	0%	1%	1%	0%	0%	0%	3%	0%	1%	0%
1995	Wet	-5%	2%	1%	0%	0%	0%	0%	-7%	0%	-9%	2%	1%
1996	Wet	-41%	-95%	-19%	3%	-1%	-1%	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%	-1%	1%	-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%	-1%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	-2%	-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	12%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-1%	-2%	-1%	0%	1%	1%	0%	-1%	8%	-1%	0%	-1%
	Wet	-2%	-4%	-2%	0%	0%	2%	1%	-1%	4%	-1%	-1%	-1%
	Above Normal	2%	0%	0%	2%	2%	0%	-2%	-1%	0%	-1%	-1%	-1%
	Below Normal	-1%	-1%	1%	-2%	-2%	-1%	0%	0%	0%	0%	0%	0%
	Dry	-1%	-3%	-1%	1%	3%	2%	0%	0%	30%	0%	0%	-1%
	Critical	0%	0%	2%	0%	0%	3%	-1%	0%	0%	0%	6%	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: Alternative5_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	47.71	49.47	49.16	45.96	575.58
1923	Below Normal	40.75	36.87	35.33	58.67	58.75	47.01	41.27	47.72	47.67	50.86	51.37	45.29	561.56
1924	Critical	35.80	31.57	26.02	11.68	12.49	15.10	23.18	28.33	28.79	28.80	25.99	22.08	289.83
1925	Dry	11.42	8.62	7.37	2.78	7.10	27.24	42.20	54.62	55.16	58.90	60.12	52.18	387.71
1926	Dry	40.45	35.85	28.36	5.40	8.73	19.69	30.93	45.11	45.44	48.46	49.47	42.89	400.78
1927	Wet	32.69	28.76	22.50	6.64	26.85	52.76	50.33	51.77	50.76	52.42	52.04	49.15	476.67
1928	Above Normal	44.68	40.70	39.74	31.39	37.73	28.04	57.23	58.50	57.20	59.07	58.79	55.65	568.72
1929	Critical	51.09	46.91	45.89	31.58	29.51	18.32	21.58	31.05	31.56	31.64	28.63	4.80	372.56
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	34.99	35.12	31.69	26.87	275.25
1932	Dry	14.66	10.69	9.11	5.16	10.97	36.85	31.15	41.68	41.92	44.58	45.01	39.02	330.80
1933	Critical	28.82	25.12	19.50	5.19	43.62	16.66	27.62	41.14	41.88	43.36	41.69	35.82	370.42
1934	Critical	23.72	19.39	14.95	5.24	8.92	22.20	29.31	40.69	41.40	42.36	37.27	1.67	287.12
1935	Below Normal	34.33	30.07	23.35	5.28	10.80	19.85	52.36	56.55	56.41	59.04	59.38	53.91	461.33
1936	Below Normal	45.91	41.47	37.57	20.20	23.82	70.02	49.75	57.25	56.12	57.97	57.62	54.45	572.15
1937	Below Normal	49.87	45.62	44.61	33.18	60.16	59.76	61.98	68.90	67.61	69.82	69.51	65.82	696.84
1938	Wet	61.11	56.23	55.18	37.46	60.35	70.19	70.83	71.69	70.48	72.97	72.46	68.46	767.41
1939	Dry	63.84	58.49	57.51	44.16	42.56	30.46	40.78	46.76	1.88	60.30	30.65	50.82	528.21
1940	Above Normal	16.04	10.63	55.86	5.14	7.29	24.72	46.38	55.04	42.80	59.36	63.81	55.48	442.55
1941	Wet	43.18	38.32	30.35	18.82	43.63	51.00	55.49	56.87	55.83	57.71	57.25	54.05	562.50
1942	Wet	49.48	45.13	44.20	59.53	60.32	60.75	43.38	47.24	47.09	49.68	49.83	44.81	601.44
1943	Wet	37.02	32.93	28.90	44.30	54.54	50.89	61.29	62.76	61.65	63.74	63.28	59.83	621.13
1944	Dry	55.16	0.38	69.91	21.55	20.51	20.12	35.48	42.13	42.60	44.28	43.00	37.08	432.20
1945	Below Normal	25.02	20.77	16.10	8.76	10.78	65.29	49.57	55.66	54.63	56.43	56.05	52.99	472.05
1946	Below Normal	48.42	44.22	43.22	60.11	60.35	67.11	43.29	45.42	44.72	46.57	46.31	42.95	592.69
1947	Dry	37.44	33.69	31.79	27.10	30.50	25.30	57.17	58.37	57.07	58.86	58.59	55.53	531.41
1948	Below Normal	50.98	46.78	45.77	28.16	26.49	17.51	28.04	23.70	5.91	64.04	64.93	56.71	459.02
1949	Dry	44.04	39.34	31.18	8.33	10.24	17.75	50.31	56.87	57.29	60.79	36.96	61.77	474.87
1950	Below Normal	47.99	22.80	29.52	6.92	7.62	15.20	42.85	49.28	1.78	63.60	64.10	55.56	407.22
1951	Above Normal	42.99	38.01	30.24	62.28	60.36	69.87	42.88	50.72	49.89	51.42	50.98	48.09	597.73
1952	Wet	43.58	39.54	38.62	59.36	62.51	69.62	56.66	55.54	54.43	56.37	55.90	52.77	644.90
1953	Wet	48.26	43.83	42.92	61.55	60.31	54.86	40.92	47.95	48.09	51.52	52.07	45.59	597.87
1954	Above Normal	35.44	31.17	25.01	10.83	39.98	28.94	44.46	52.33	52.64	56.43	57.39	49.82	484.44
1955	Dry	38.40	33.87	26.59	7.00	12.12	23.10	41.46	47.91	48.14	51.52	52.47	45.54	428.12
1956	Wet	34.79	30.67	24.08	33.65	62.53	70.32	51.02	57.32	56.50	58.23	57.73	54.53	591.37
1957	Above Normal	49.90	45.41	44.47	39.47	38.37	39.91	46.15	54.23	36.68	60.95	63.76	55.53	574.83
1958	Wet	43.00	38.23	30.24	5.93	48.95	52.13	69.52	71.49	70.42	72.63	72.25	68.31	643.10
1959	Below Normal	63.58	19.17	67.23	27.19	28.57	28.52	39.89	45.55	1.92	58.84	59.17	51.27	490.90
1960	Dry	39.38	34.67	27.43	5.16	6.21	17.17	51.04	57.77	44.41	64.61	51.10	62.01	460.96
1961	Dry	50.18	44.99	37.62	10.52	12.34	15.00	41.34	47.42	47.93	51.11	41.99	27.55	427.99
1962	Below Normal	0.62	40.13	45.62	5.39	6.61	22.82	43.74	50.93	4.49	64.96	65.75	57.19	408.25
1963	Wet	44.38	39.48	31.43	36.41	43.16	43.79	43.08	46.28	45.67	47.71	47.60	43.81	512.80
1964	Dry	37.68	33.78	31.25	28.35	61.94	45.72	47.16	49.35	48.78	50.87	50.73	46.82	532.43
1965	Wet	40.82	36.74	34.37	41.80	58.69	53.27	45.00	47.65	30.11	52.55	52.47	48.08	541.55
1966	Below Normal	41.30	37.12	34.05	52.95	55.88	42.63	42.05	47.83	47.88	50.78	51.31	45.31	549.09
1967	Wet	36.10	31.87	26.53	12.83	58.86	58.01	68.62	70.83	69.80	72.06	71.64	67.74	644.89
1968	Below Normal	62.93	51.05	60.54	26.92	33.20	30.01	40.80	46.86	2.49	60.31	60.58	52.59	528.28
1969	Wet	40.40	35.67	28.21	33.42	60.37	70.04	61.61	68.39	67.44	69.56	69.08	65.28	669.47
1970	Wet	60.46	55.27	54.32	62.28	60.34	69.48	57.47	49.20	48.37	49.87	49.41	46.55	663.02
1971	Wet	42.11	38.15	37.25	59.23	60.32	52.72	42.10	47.76	47.79	50.65	51.00	45.34	574.42
1972	Below Normal	36.56	32.40	27.51	22.73	47.31	42.92	44.10	50.07	50.38	53.55	54.21	47.53	509.27
1973	Above Normal	37.35	33.00	26.85	10.43	53.22	53.67	45.88	53.30	52.44	53.92	53.52	50.52	524.10
1974	Wet	46.01	41.83	40.91	60.35	60.39	69.87	65.93	53.92	53.21	54.74	54.27	51.23	652.66
1975	Wet	46.69	42.33	41.41	51.38	43.81	60.52	51.44	52.57	51.63	53.16	52.80	49.92	597.66
1976	Critical	45.37	41.35	40.40	32.56	34.12	30.34	45.54	52.81	45.31	58.57	42.49	57.19	526.05
1977	Critical	44.31	39.35	25.08	5.29	6.38	10.00	17.22	3.99	0.00	3.08	2.81	3.14	160.65
1978	Above Normal	0.69	22.59	37.53	4.97	12.13	44.02	48.99	53.80	53.54	56.15	56.42	51.16	441.99
1979	Below Normal	43.49	39.02	35.19	22.90	23.63	56.45	51.10	52.40	51.39	52.92	52.58	49.74	530.81
1980	Above Normal	45.22	41.21	40.26	48.68	62.53	70.06	51.99	60.11	59.17	61.15	60.68	57.31	658.37
1981	Dry	52.73	47.98	47.05	38.62	51.57	41.21	45.70	54.00	47.52	59.61	60.47	52.79	599.25
1982	Wet	41.21	36.54	29.34	33.10	46.15	51.94	67.98	69.82	68.88	70.97	70.48	66.60	653.01
1983	Wet	61.86	56.57	55.58	62.28	60.39	69.99	66.95	65.24	61.04	68.11	67.69	63.96	759.66
1984	Wet	64.84	57.57	53.49	62.28	62.50	69.85	42.18	50.49	49.52	51.24	50.77	47.89	662.62
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	33.59	70.21	68.45	71.72	70.36	72.78	72.21	68.27	678.93
1987	Dry	64.02	12.81	67.22	23.51	22.30	15.17	22.32	26.38	26.70	26.65	24.18	20.56	351.82
1988	Critical	10.62	8.07	6.92	2.44	9.44	10.17	17.62	21.40	21.39	21.65	19.46	16.51	165.69
1989	Dry	8.36	6.23	5.38	2.95	9.80	13.62	53.30	57.17	56.77	59.48	53.89	56.00	382.95
1990	Critical	48.33	43.76	40.09	21.16	20.88	17.65	25.33	30.33	30.93	30.99	27.98	23.79	361.22
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	22.92	27.27	27.53	27.56	24.33	21.52	188.30
1993	Above Normal	8.51	6.15	10.33	4.55	44.03	46.06	45.65	49.74	19.98	57.74	58.10	52.49	403.33
1994	Critical	43.93	39.41	34.76	19.93	21.65	28.14	45.61	52.68	36.55	60.40	14.07	38.17	435.30
1995	Wet	3.22	31.00	57.44	5.35	34.23	32.31	63.88	65.48	64.31	60.16	67.39	63.81	548.58
1996	Wet	34.07	0.38	33.93	26.89	24.84	45.47	48.92	49.64	48.65	50.25	49.88	47.04	459.96
1997	Wet	42.59	38.77	37.85	58.73	60.36	70.05	56.60	58.20	57.20	59.02	58.58	55.33	653.28
1998	Wet	50.69	46.18	45.23	39.13	60.31	68.23	54.29	53.38	52.33	54.24	53.90	50.87	628.78
1999	Wet	46.27	48.66	46.72	60.40	60.36	54.63	42.42	50.19	49.25	51.07	50.67	47.73	608.37
2000	Above Normal	43.22	39.22	38.29	35.74	57.08	44.31	47.36	51.75	51.44	54.38	54.70	49.35	566.84
2001	Dry	41.29	37.05	32.94	18.35	18.44	18.62	32.62	39.89	40.87	41.29	37.95	32.38	391.69
2002	Dry	18.91	14.42	11.33	5.39	12.16	22.42	54.55	55.64	54.32	56.35	34.17	58.54	398.20
2003	Above Normal	15.23	16.91	52.07	8.10	14.07	23.32	40.25	46.33	1.58	59.94	60.27	52.24	390.31
	Average	38.95	33.71	35.03	26.50	35.22	40.26	45.41	49.79	44.38	53.04	50.74	47.24	500.28
	Wet	43.75	39.59	38.80	40.97	52.64	59.34	55.63	57.44	55.80	58.59	58.56	54.88	616.00
	Above Normal	34.37	32.33	37.61	22.83	39.00	43.35	47.02	52.86	43.76	56.67	57.30	51.97	519.07
	Below Normal	42.27	36.25	38.97	27.10	32.43	41.79	45.06	49.87	35.24	57.84	58.06	52.24	517.10
	Dry	37.56	28.33	32.54	17.19	21.71	24.99	42.21	48.46	44.90	51.75	45.68	45.79	441.10
	Critical	31.33	27.43	23.44	12.11	17.23	16.96	26.86	32.09	30.11	33.73	26.30	22.32	299.90

Difference in Energy Use (GWh) At Pumping Plant at Teerink: Alternative5_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	0.00	0.01	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	(0.01)	(0.02)	(0.29)	0.00	0.04	0.05	0.06	0.07	0.03	(0.01)
1924	Critical	(0.01)	(0.01)	(0.05)	(0.17)	(0.14)	(0.04)	0.00	0.01	0.01	0.01	0.01	0.01	(0.03)
1925	Dry	0.00	0.01	0.00	0.00	(0.01)	(0.16)	0.03	0.03	0.03	0.03	0.04	0.04	0.00
1926	Dry	0.03	0.03	0.02	0.00	(0.01)	(0.01)	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.01)
1927	Wet	(0.02)	(0.02)	(0.02)	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1928	Above Normal	0.00	0.01	0.01	(0.01)	(0.03)	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.02)	(0.01)	(0.01)	(0.01)
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)	(0.01)	(0.02)	(0.01)	(0.01)	(0.01)
1932	Dry	(0.01)	0.00	(0.01)	(0.01)	0.00	0.74	0.00	0.00	0.00	0.00	0.00	(0.01)	0.06
1933	Critical	0.00	(0.01)	0.00	0.00	(0.75)	0.00	0.00	0.00	0.00	0.01	0.00	0.00	(0.06)
1934	Critical	0.00	0.00	0.00	0.00	1.35	6.63	(2.98)	1.26	0.95	1.85	14.10	0.00	1.93
1935	Below Normal	(1.00)	2.33	2.54	0.04	(0.07)	(0.19)	(0.65)	0.23	0.45	0.71	0.89	0.26	0.46
1936	Below Normal	(0.66)	(0.76)	(1.58)	(2.78)	(2.57)	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.70)
1937	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
1938	Wet	0.01	0.00	0.00	(0.82)	(0.01)	(0.09)	1.19	0.44	0.08	0.50	0.46	0.34	0.17
1939	Dry	0.55	0.52	0.52	2.90	(1.53)	(5.01)	(6.74)	(8.15)	(13.15)	(4.54)	4.49	(8.68)	(3.24)
1940	Above Normal	2.65	0.45	0.67	(0.03)	0.03	0.00	0.01	0.01	0.08	(0.08)	0.02	0.02	0.32
1941	Wet	0.02	0.01	0.01	(0.02)	0.00	(0.26)	(0.25)	(0.27)	(0.27)	(0.28)	(0.28)	(0.26)	(0.15)
1942	Wet	(0.26)	(0.23)	(0.23)	(0.03)	0.00	(0.34)	0.00	0.01	0.02	0.01	0.02	0.01	(0.08)
1943	Wet	0.00	0.00	(0.01)	(0.04)	(0.46)	(0.40)	(0.30)	(0.31)	(0.32)	(0.32)	(0.32)	(0.31)	(0.23)
1944	Dry	(0.29)	(0.73)	0.70	(1.75)	(1.57)	(0.50)	0.00	(0.01)	0.00	(0.01)	(0.01)	(0.01)	(0.35)
1945	Below Normal	(0.01)	0.00	(0.01)	0.00	0.00	(4.69)	0.08	0.07	0.07	0.08	0.08	0.07	(0.36)
1946	Below Normal	0.07	0.08	0.07	(0.01)	0.00	(0.12)	(0.15)	0.08	0.14	0.21	0.25	0.08	0.06
1947	Dry	(0.16)	(0.18)	(0.42)	(0.86)	0.06	(0.81)	0.15	0.16	0.16	0.17	0.16	0.16	(0.12)
1948	Below Normal	0.15	0.15	0.15	(1.15)	(1.02)	(0.38)	0.01	0.33	(0.05)	0.03	0.00	0.10	(0.14)
1949	Dry	0.05	0.04	(0.14)	(0.03)	(0.03)	(0.04)	(0.12)	0.01	0.04	0.08	(0.34)	0.14	(0.03)
1950	Below Normal	0.10	0.16	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.04	0.04	0.05	0.04	0.04	0.02
1952	Wet	0.04	0.04	0.04	0.00	0.00	(0.01)	(0.24)	(9.65)	(9.64)	(9.89)	(9.88)	(9.39)	(4.05)
1953	Wet	(9.25)	(8.63)	(8.60)	0.42	9.51	19.57	1.56	1.42	28.11	(4.31)	(4.26)	(3.44)	1.84
1954	Above Normal	(2.10)	(1.97)	(1.05)	2.70	10.58	2.35	(0.20)	(0.03)	2.99	1.28	(1.13)	(1.04)	1.03
1955	Dry	(0.85)	(0.80)	(0.68)	(0.25)	0.32	0.54	0.92	1.12	1.16	1.23	1.25	1.09	0.42
1956	Wet	0.91	0.83	0.69	(6.65)	(0.01)	0.01	0.17	0.16	0.15	0.16	0.15	0.15	(0.27)
1957	Above Normal	0.15	0.14	0.14	0.03	(0.01)	(0.69)	(0.01)	(0.03)	(0.68)	0.02	0.13	0.12	(0.06)
1958	Wet	0.10	0.08	0.06	(0.01)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)	0.00
1959	Below Normal	(0.03)	(0.61)	(0.05)	0.03	0.00	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.05)
1960	Dry	0.00	0.00	0.00	0.01	0.00	(0.06)	0.01	0.01	0.05	0.00	0.17	(0.06)	0.01
1961	Dry	(0.04)	(0.04)	(0.03)	0.02	0.01	0.00	0.01	0.01	0.01	0.01	(0.01)	0.01	0.00
1962	Below Normal	0.00	(0.11)	(0.12)	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	(0.01)	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.06	0.01	0.02	0.00	(0.01)	(0.01)	(0.02)	(0.02)	(0.01)	0.00
1965	Wet	0.00	0.00	0.00	0.02	0.00	0.00	(0.01)	0.00	(0.08)	0.03	0.03	0.02	0.00
1966	Below Normal	0.01	0.01	0.00	(0.03)	(0.04)	0.00	0.00	(0.01)	0.00	(0.01)	0.00	0.00	(0.01)
1967	Wet	0.00	0.00	0.00	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	(6.54)	3.96	(2.54)	(2.98)	(0.78)	0.17	0.21	0.32	0.16	0.19	0.18	(0.64)
1969	Wet	0.16	0.17	0.14	(0.13)	0.00	0.01	(1.41)	1.55	0.07	0.07	0.07	0.06	0.06
1970	Wet	0.07	0.06	0.06	0.00	(0.01)	(0.39)	9.60	(0.63)	(0.65)	(0.66)	(0.65)	(0.62)	0.51
1971	Wet	(0.60)	(0.55)	(0.55)	(0.06)	0.00	0.83	0.03	(0.21)	(0.26)	(0.34)	(0.40)	(0.21)	(0.19)
1972	Below Normal	0.06	0.08	0.33	1.29	0.40	0.36	0.08	0.04	0.03	0.01	(0.01)	0.03	0.23
1973	Above Normal	0.09	0.09	0.14	0.24	0.00	(0.19)	0.19	(0.02)	(0.03)	(0.03)	(0.02)	(0.02)	0.04
1974	Wet	(0.02)	(0.02)	(0.02)	0.00	0.00	(0.01)	(0.41)	(0.15)	(0.15)	(0.15)	(0.16)	(0.15)	(0.10)
1975	Wet	(0.14)	(0.13)	(0.13)	0.32	0.09	(0.08)	(0.03)	(0.04)	(0.04)	(0.04)	(0.03)	(0.03)	(0.02)
1976	Critical	(0.03)	(0.03)	(0.03)	(0.01)	0.01	0.05	0.08	0.09	0.20	0.08	(0.09)	0.14	0.04
1977	Critical	0.10	0.09	(0.58)	0.00	0.00	0.00	0.00	(0.05)	0.00	(0.01)	0.00	(0.01)	(0.04)
1978	Above Normal	0.00	0.01	(0.09)	0.00	0.00	(3.05)	(0.61)	0.68	1.05	1.55	1.86	0.72	0.18
1979	Below Normal	(0.92)	(1.10)	(2.54)	(5.21)	(4.69)	(3.99)	(2.13)	(2.27)	(2.28)	(2.34)	(2.33)	(2.22)	(2.67)
1980	Above Normal	(2.17)	(2.02)	(2.01)	2.84	0.00	(0.05)	(11.66)	(10.35)	(10.29)	(10.58)	(10.58)	(10.09)	(5.58)
1981	Dry	(9.93)	0.26	(14.74)	9.73	22.46	14.31	3.93	4.61	43.52	(3.52)	(3.28)	(2.61)	5.40
1982	Wet	(1.58)	(1.42)	(0.82)	1.82	1.38	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.06)
1983	Wet	(0.02)	(0.01)	(0.02)	0.00	0.00	0.00	5.31	(0.26)	(5.07)	0.00	0.00	0.00	(0.01)
1984	Wet	0.00	0.00	(13.89)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.16)
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	(7.03)	(0.08)	3.31	0.16	0.00	0.13	0.08	0.09	(0.28)
1987	Dry	0.27	(5.94)	0.01	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	(0.02)	(0.01)	(0.02)	(0.01)	(0.48)
1988	Critical	(0.01)	(0.01)	0.00	0.00	0.01	0.00	0.00	0.23	0.24	0.24	0.21	0.19	0.09
1989	Dry	0.10	0.07	0.06	(0.02)	(0.02)	(0.09)	(0.10)	0.06	0.09	0.14	(2.88)	0.89	(0.14)
1990	Critical	0.68	0.62	0.44	(0.51)	(0.36)	(0.05)	0.18	0.23	0.25	0.24	0.22	0.19	0.18
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	(0.35)	(0.46)	(0.49)	(0.49)	(0.36)	(0.41)	(0.21)
1993	Above Normal	0.49	(0.01)	(0.77)	(0.37)	0.07	0.13	0.03	(0.03)	0.61	(0.23)	(0.27)	(0.14)	(0.04)
1994	Critical	(0.04)	(0.01)	0.02	0.28	0.24	0.03	(0.06)	(0.07)	0.90	(0.28)	(0.01)	(0.03)	0.08
1995	Wet	(0.20)	(0.05)	0.04	0.00	0.00	0.00	0.00	0.00	0.00	(6.26)	1.27	1.23	(0.33)
1996	Wet	(23.84)	(27.02)	(11.78)	0.99	(0.41)	(0.29)	(0.20)	(0.22)	(0.22)	(0.22)	(0.22)	(0.22)	(5.30)
1997	Wet	(0.21)	(0.19)	(0.19)	(0.02)	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.01)	(0.02)	(0.01)	(0.06)
1998	Wet	(0.01)	(0.01)	(0.02)	(0.04)	0.00	(0.51)	0.53	(0.31)	(0.31)	(0.32)	(0.32)	(0.30)	(0.14)
1999	Wet	(0.30)	(0.28)	(0.09)	(0.03)	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.06)
2000	Above Normal	0.00	0.00	0.00	0.00	(0.04)	(0.50)	(0.08)	0.09	0.13	0.18	0.22	0.09	0.01
2001	Dry	(0.08)	(0.10)	(0.26)	(0.61)	(0.50)	(0.15)	0.02	0.02	0.02	0.02	0.06	0.05	(0.13)
2002	Dry	0.06	0.07	0.03	0.03	0.00	0.00	(0.07)	(0.07)	(0.07)	(0.07)	(0.86)	(0.25)	(0.10)
2003	Above Normal	1.66	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
	Average	(0.56)	(0.65)	(0.61)	(0.01)	0.27	0.26	(0.02)	(0.25)	0.46	(0.44)	(0.15)	(0.42)	(0.18)
	Wet	(1.35)	(1.44)	(1.36)	(0.16)	0.12	0.69	0.72	(0.32)	0.44	(0.84)	(0.56)	(0.50)	(0.38)
	Above Normal	0.06	(0.27)	(0.24)	0.45	0.88	(0.17)	(1.02)	(0.80)	(0.51)	(0.65)	(0.81)	(0.86)	(0.33)
	Below Normal	(0.16)	(0.45)	0.21	(0.74)	(0.79)	(0.72)	(0.19)	(0.09)	(0.09)	(0.08)	(0.06)	(0.11)	(0.27)
	Dry	(0.57)	(0.38)	(0.83)	0.51	1.07	0.49	(0.11)	(0.13)	1.77	(0.36)	(0.07)	(0.52)	0.07
	Critical	0.07	0.06	(0.01)	(0.03)	0.03	0.55	(0.26)	0.10	0.17	0.13	1.17	0.00	0.17

Percent Difference in Energy Use (GWh) At Pumping Plant at Teerink: Alternative5_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%	-1%	-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%	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%	2%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	18%	43%	-9%	3%	2%	5%	61%	0%
1935	Below Normal	-3%	8%	12%	1%	-1%	-1%	-1%	0%	1%	1%	2%	0%
1936	Below Normal	-1%	-2%	-4%	-12%	-10%	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%	-2%	0%	0%	2%	1%	0%	1%	1%	0%
1939	Dry	1%	1%	1%	7%	-3%	-14%	-14%	-15%	-87%	-7%	17%	-15%
1940	Above Normal	20%	4%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1942	Wet	-1%	-1%	-1%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	-1%	-1%	0%	0%	-1%	0%	-1%	-1%
1944	Dry	-1%	-66%	1%	-8%	-7%	-2%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1947	Dry	0%	-1%	-1%	-3%	0%	-3%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	-4%	-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%	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%	-15%	-15%	-15%	-15%	-15%
1953	Wet	-16%	-16%	-17%	1%	19%	55%	4%	3%	141%	-8%	-8%	-7%
1954	Above Normal	-6%	-6%	-4%	33%	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%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	-2%	0%	0%	-2%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	-3%	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%	-11%	7%	-9%	-8%	-3%	0%	0%	15%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	-2%	2%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	-1%	20%	-1%	-1%	-1%	-1%	-1%
1971	Wet	-1%	-1%	-1%	0%	0%	2%	0%	0%	-1%	-1%	-1%	0%
1972	Below Normal	0%	0%	1%	6%	1%	1%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	-1%	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%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	-2%	0%	0%	0%	0%	-1%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	-6%	-1%	1%	2%	3%	3%	1%
1979	Below Normal	-2%	-3%	-7%	-19%	-17%	-7%	-4%	-4%	-4%	-4%	-4%	-4%
1980	Above Normal	-5%	-5%	-5%	6%	0%	0%	-18%	-15%	-15%	-15%	-15%	-15%
1981	Dry	-16%	1%	-24%	34%	77%	53%	9%	9%	>1,000%	-6%	-5%	-5%
1982	Wet	-4%	-4%	-3%	6%	3%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	9%	0%	-8%	0%	0%	0%
1984	Wet	0%	0%	-21%	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%	-17%	0%	5%	0%	0%	0%	0%	0%
1987	Dry	0%	-32%	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%	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%	-2%	-2%	-2%	-2%	-1%	-2%
1993	Above Normal	6%	0%	-7%	-8%	0%	0%	0%	0%	3%	0%	0%	0%
1994	Critical	0%	0%	0%	1%	1%	0%	0%	0%	3%	0%	0%	0%
1995	Wet	-6%	0%	0%	0%	0%	0%	0%	0%	0%	-9%	2%	2%
1996	Wet	-41%	-99%	-26%	4%	-2%	-1%	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%	-1%	1%	-1%	-1%	-1%	-1%	-1%
1999	Wet	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	-1%	-3%	-3%	-1%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	-2%	0%
2003	Above Normal	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-1%	-3%	-1%	0%	1%	1%	0%	0%	1%	-1%	0%	-1%
	Wet	-3%	-5%	-3%	0%	0%	2%	1%	0%	4%	-1%	-1%	-1%
	Above Normal	2%	0%	-1%	3%	3%	0%	-2%	-1%	0%	-1%	-1%	-1%
	Below Normal	0%	-1%	1%	-3%	-3%	-1%	0%	0%	1%	0%	0%	0%
	Dry	-1%	-5%	-1%	1%	4%	2%	0%	0%	-5%	-1%	0%	-1%
	Critical	0%	0%	0%	0%	1%	4%	-1%	0%	0%	0%	5%	0%