Hydropower Modeling Attachment: Alternative Plan 4, CVP, 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 CVP 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	0.00	0.00	0.00	0.00	21.17	40.17	21.05	40.38	21.38	0.00	144.15
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	20.23	34.35	21.71	12.25	11.14	0.00	99.68
1924	Critical	0.00	0.00	0.00	0.00	0.00	6.49	7.67	18.11	30.49	21.01	16.89	0.00	100.66
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	20.59	46.48	29.30	17.38	15.88	0.00	129.63
1926	Dry	0.00	0.00	0.00	0.00	0.95	8.76	10.24	24.80	15.20	11.50	14.49	0.00	85.94
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	28.00	45.36	29.86	20.22	8.84	0.00	132.28
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	21.31	37.74	21.64	14.44	2.37	0.00	97.50
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	11.59	20.72	25.80	11.58	0.00	0.00	69.69
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	8.36	23.55	32.89	15.18	20.85	1.95	102.78
1931	Critical	0.00	0.00	0.00	0.00	0.00	1.78	11.00	20.76	34.10	27.07	17.42	0.00	112.13
1932	Dry	0.00	0.00	0.00	0.00	0.00	4.17	13.89	25.43	22.59	36.96	0.00	0.00	103.04
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	9.99	20.12	33.14	27.16	0.00	0.00	90.41
1934	Critical	0.00	0.00	0.00	0.00	0.00	10.71	11.41	21.54	35.59	25.84	0.00	0.00	105.09
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	9.36	33.92	16.58	14.06	17.59	0.00	91.51
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	12.20	32.51	29.67	17.36	21.71	0.00	113.45
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.19	36.93	24.01	23.20	0.00	93.33
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.68	46.69	40.34	0.00	105.71
1939	Dry	0.00	10.90	0.00	0.00	0.00	0.00	18.35	26.06	38.64	2.39	3.45	0.00	99.79
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	16.47	30.54	25.49	12.17	1.63	0.00	86.30
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	27.03	36.03	34.99	27.61	19.43	0.00	145.09
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	28.52	37.29	23.54	32.85	11.00	0.00	133.20
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	18.35	36.60	29.93	30.53	11.38	0.00	126.79
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	12.36	21.30	23.73	6.21	14.74	0.00	78.34
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	31.44	52.56	46.35	25.35	12.00	0.00	167.70
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	33.26	48.94	34.44	23.95	11.61	0.00	152.20
1947	Dry	0.00	0.00	0.00	0.00	0.00	7.78	25.01	39.19	30.83	9.76	17.62	0.00	130.19
1948	Below Normal	0.00	0.00	0.00	0.00	4.55	0.00	11.64	23.52	12.85	3.43	0.46	0.00	56.45
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	31.53	43.90	46.21	14.95	4.92	0.00	141.51
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	16.18	19.50	24.21	4.65	3.66	0.00	68.20
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	32.83	53.01	42.66	28.00	12.16	0.00	168.66
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	13.53	22.81	15.43	48.44	23.15	0.00	123.36
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	17.74	24.26	28.35	6.33	1.81	0.00	78.49
1954	Above Normal	1.85	0.00	0.00	0.00	0.00	0.00	20.68	28.36	24.00	12.04	0.24	0.00	87.17
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	21.91	38.33	47.27	4.16	20.34	0.00	132.01
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	31.90	57.40	33.53	29.01	15.57	0.00	167.41
1957	Above Normal	0.00	0.00	0.00	0.00	5.98	0.00	15.66	22.33	23.71	2.90	0.00	0.00	70.58
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	3.20	27.03	13.84	38.85	24.91	0.00	107.83
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	10.97	26.00	22.26	2.82	0.00	0.00	62.05
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	19.65	22.00	29.27	4.71	2.23	0.00	77.86
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	26.85	37.46	52.19	8.73	0.00	0.00	125.23
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	17.29	24.57	30.04	6.49	1.47	0.00	79.86
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	25.89	39.57	18.05	15.58	7.43	0.00	106.52
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	24.25	36.16	33.55	6.37	13.52	0.00	113.85
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	17.40	46.68	42.86	24.13	5.52	0.00	136.59
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	24.02	35.26	38.31	9.90	3.53	0.00	111.02
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	5.11	26.18	13.64	20.76	30.24	0.00	95.93
1968	Below Normal	0.00	0.00	0.00	0.00	3.51	0.00	12.76	27.12	24.99	3.37	0.17	0.00	71.92
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.42	34.17	44.68	1.24	99.51
1970	Wet	0.00	13.20	0.00	0.00	0.00	0.00	35.42	52.04	48.93	32.33	10.39	0.00	192.31
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	16.69	26.87	21.49	5.29	0.00	0.00	70.34
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	22.36	31.62	34.32	6.61	1.54	0.00	96.45
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	29.53	47.96	30.08	16.08	6.41	0.00	130.06
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	32.66	53.16	26.80	37.25	7.29	0.00	157.16
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	27.84	35.63	22.41	15.83	1.04	0.00	102.75
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	7.90	24.32	30.42	19.81	20.44	7.33	110.22
1977	Critical	0.00	0.00	0.00	0.00	0.00	3.89	5.24	13.81	26.24	17.90	0.00	5.09	72.17
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	10.11	28.95	16.69	30.88	30.63	0.00	117.26
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	26.54	38.15	31.97	13.22	5.07	0.00	114.95
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	15.35	37.71	26.00	28.02	20.43	2.00	129.51
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	12.90	20.65	29.05	5.03	2.08	0.00	69.71
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.09	21.52	58.97	30.86	0.00	131.44
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.99	28.31	0.00	63.30
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	31.66	53.38	41.55	21.78	9.48	0.00	157.85
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	24.47	44.61	41.80	18.34	11.76	0.00	140.98
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.97	7.01	27.02	10.96	28.49	92.45
1987	Dry	2.24	5.91	0.00	0.00	0.00	0.00	15.93	24.70	21.55	7.66	16.93	0.00	94.92
1988	Critical	0.00	0.00	0.00	0.00	3.42	6.93	6.47	16.31	30.32	2.22	0.00	6.13	71.80
1989	Dry	0.00	0.00	0.00	0.00	0.00	2.44	14.79	30.00	24.31	8.72	9.29	0.00	89.55
1990	Critical	0.00	0.00	0.00	0.00	0.00	4.09	8.16	11.14	24.70	0.00	0.00	5.85	53.94
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.03	3.99	15.70	19.20	5.55	5.99	0.00	50.46
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	10.74	16.33	27.08	5.07	0.00	3.72	62.94
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	27.06	37.61	18.96	10.93	0.02	0.00	94.58
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	21.29	29.24	44.42	2.24	0.00	0.00	97.19
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	6.42	0.00	9.48	16.65	19.21	0.00	51.76
1996	Wet	5.21	0.00	0.00	0.00	0.00	0.00	27.70	26.62	32.45	19.86	1.45	0.00	113.29
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	39.25	57.29	24.43	33.29	8.69	0.00	162.95
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	5.66	20.79	11.90	19.47	21.77	0.00	79.59
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	30.47	47.56	33.91	16.24	6.92	0.00	135.10
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	27.58	40.27	19.61	31.88	5.30	0.00	124.64
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	19.74	36.60	35.96	2.18	21.26	0.00	115.74
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	23.71	33.08	34.02	6.07	0.42	0.00	97.30
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	22.83	25.29	28.26	10.47	3.93	0.00	90.78
	Average	0.11	0.37	0.00	0.00	0.22	0.70	17.55	30.26	27.76	17.95	10.60	0.75	106.27
	Wet	0.20	0.51	0.00	0.00	0.00	0.00	18.09	31.22	24.00	27.47	15.41	1.14	118.04
	Above Normal	0.15	0.00	0.00	0.00	0.50	0.00	21.72	35.83	24.85	19.85	8.71	0.17	111.77
	Below Normal	0.00	0.00	0.00	0.00	0.58	0.00	17.73	31.23	28.90	11.96	8.08	0.00	98.48
	Dry	0.12	0.93	0.00	0.00	0.05	1.29	19.14	31.91	32.69	10.35	10.54	0.11	107.13
	Critical	0.00	0.00	0.00	0.00	0.29	2.83	9.62	19.01	30.13	13.79	5.06	2.34	83.06

Energy generated (GWh) at CVP San Luis: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	21.35	40.03	23.40	39.59	17.90	0.00	142.27
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	19.98	33.91	21.47	11.85	10.97	0.00	98.18
1924	Critical	0.00	0.00	0.00	0.00	0.00	6.50	7.69	18.10	30.54	21.06	16.92	0.00	100.81
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	20.59	46.54	29.33	17.42	15.90	0.00	129.78
1926	Dry	0.00	0.00	0.00	0.00	0.97	8.76	10.22	24.75	15.19	11.45	14.56	0.00	85.90
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	28.01	45.38	29.89	20.24	8.86	0.00	132.38
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	21.31	37.73	21.62	14.44	2.36	0.00	97.46
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	11.59	20.71	25.79	11.58	0.00	0.00	69.67
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	8.35	23.54	32.90	15.19	20.84	1.95	102.77
1931	Critical	0.00	0.00	0.00	0.00	0.00	1.77	11.00	20.76	34.11	27.08	17.42	0.00	112.14
1932	Dry	0.00	0.00	0.00	0.00	0.00	5.83	13.86	25.37	22.52	36.81	0.00	0.00	104.39
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	9.99	20.11	33.13	27.15	0.00	0.00	90.38
1934	Critical	0.00	0.00	0.00	0.00	0.00	11.10	11.65	22.11	36.88	27.94	0.00	0.00	109.68
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	9.28	33.59	16.25	13.45	16.37	0.00	88.94
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	12.18	32.49	29.65	17.36	21.69	0.00	113.37
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.14	47.39	22.64	21.09	0.00	102.26
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.98	17.28	16.80	42.42	31.31	0.00	109.79
1939	Dry	0.00	9.78	0.00	0.00	0.00	0.00	13.60	24.59	27.61	0.11	1.09	0.00	76.78
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	17.12	31.74	26.66	13.19	1.91	0.00	90.62
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	26.78	48.01	32.70	36.20	14.08	0.00	157.77
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	28.28	36.88	23.19	32.44	10.85	0.00	131.64
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	17.97	35.68	24.33	29.30	10.65	0.00	117.93
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	12.48	21.46	22.77	7.03	14.69	0.00	78.43
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	30.97	51.82	45.28	24.52	11.48	0.00	164.07
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	33.19	48.78	35.41	23.81	11.52	0.00	152.71
1947	Dry	0.00	0.00	0.00	0.00	0.00	7.77	25.15	39.41	31.11	9.95	17.08	0.00	130.47
1948	Below Normal	0.00	0.00	0.00	0.00	4.58	0.00	11.64	23.50	12.82	3.43	0.44	0.00	56.41
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	31.47	43.81	46.13	14.86	4.88	0.00	141.15
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	16.19	19.53	24.23	4.66	3.67	0.00	68.28
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	32.83	53.01	42.65	27.96	12.15	0.00	168.60
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	24.60	23.71	14.96	47.59	25.21	0.00	136.07
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	19.02	29.33	30.66	6.57	1.38	0.00	86.96
1954	Above Normal	2.09	0.00	0.00	0.00	0.00	0.00	21.20	29.70	24.92	13.40	0.32	0.00	91.63
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	21.93	38.40	47.36	4.05	20.53	0.00	132.27
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	31.90	57.38	33.47	28.86	16.96	0.00	168.57
1957	Above Normal	0.00	0.00	0.00	0.00	5.96	0.00	15.63	22.23	23.66	2.90	0.00	0.00	70.38
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	17.15	39.39	18.01	45.10	18.91	0.00	138.56
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	11.35	26.52	23.06	3.20	0.00	0.00	64.13
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	19.59	21.89	29.14	4.61	2.09	0.00	77.32
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	26.84	37.45	52.17	8.70	0.00	0.00	125.16
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	17.30	24.59	30.06	6.50	1.47	0.00	79.92
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	25.75	39.34	17.88	15.34	7.26	0.00	105.57
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	24.29	36.22	33.66	6.43	13.56	0.00	114.16
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	16.67	44.74	41.05	21.90	3.16	0.00	127.52
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	23.99	35.22	38.26	9.86	3.51	0.00	110.84
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	15.22	26.72	12.91	28.73	26.86	0.00	110.44
1968	Below Normal	0.00	0.00	0.00	0.00	3.49	0.00	12.80	27.16	25.04	3.35	0.16	0.00	72.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.09	33.54	43.94	0.00	96.57
1970	Wet	0.00	13.02	0.00	0.00	0.00	0.00	35.38	51.86	48.53	32.15	10.37	0.00	191.31
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	16.68	26.91	21.48	5.34	0.00	0.00	70.41
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	22.39	31.67	34.37	6.65	1.56	0.00	96.64
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	29.53	47.96	33.95	15.33	9.39	0.00	136.16
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	31.69	51.60	26.54	35.10	4.85	0.00	149.78
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	28.03	35.97	22.71	16.14	1.15	0.00	104.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	7.87	24.29	30.37	19.86	20.36	7.30	110.05
1977	Critical	0.00	0.00	0.00	0.00	0.00	3.89	5.24	13.81	26.24	17.91	0.00	5.01	72.10
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	11.92	29.47	26.93	41.25	20.06	0.00	129.63
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	23.32	33.66	26.91	10.99	2.51	0.00	97.39
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	15.48	41.88	34.14	35.34	18.88	0.00	145.72
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	14.91	27.52	32.66	4.94	1.92	0.00	81.95
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.12	36.98	55.55	27.33	0.00	144.98
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.99	28.31	0.00	63.30
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	31.66	53.38	41.55	21.78	9.48	0.00	157.85
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	24.48	44.62	41.80	18.34	11.77	0.00	141.01
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.88	12.38	26.00	10.24	27.74	95.24
1987	Dry	2.18	4.63	0.00	0.00	0.00	0.00	15.66	24.18	21.20	6.71	15.39	0.00	89.95
1988	Critical	0.00	0.00	0.00	0.00	3.36	6.96	6.51	16.41	30.39	2.27	0.00	6.11	72.01
1989	Dry	0.00	0.00	0.00	0.00	0.00	2.44	14.71	29.86	24.17	8.60	9.21	0.00	88.99
1990	Critical	0.00	0.00	0.00	0.00	0.00	4.08	8.12	16.52	24.49	0.00	5.36	0.00	58.57
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.03	3.86	15.53	18.86	5.41	5.60	0.00	49.29
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	10.57	16.04	21.58	9.31	0.00	3.80	61.30
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	26.86	37.36	18.65	10.67	0.00	0.00	93.54
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	21.40	29.45	44.66	2.33	0.00	0.00	97.84
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	7.33	6.76	14.68	11.61	15.94	0.00	56.32
1996	Wet	2.89	0.00	0.00	0.00	0.00	0.00	25.99	24.19	29.75	17.35	0.61	0.00	100.78
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	39.26	57.33	24.44	34.03	8.01	0.00	163.07
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	6.79	20.39	10.07	17.16	19.95	0.00	74.36
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	30.59	47.75	34.15	16.44	7.03	0.00	135.96
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	27.50	40.08	19.33	31.54	5.19	0.00	123.64
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	19.73	36.57	35.87	2.25	21.62	0.00	116.04
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	23.70	33.03	33.98	6.06	0.42	0.00	97.19
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	22.80	25.24	28.21	10.44	3.92	0.00	90.61
	Average	0.09	0.33	0.00	0.00	0.22	0.72	17.95	31.06	28.16	18.12	9.91	0.63	107.20
	Wet	0.11	0.50	0.00	0.00	0.00	0.00	19.49	33.23	24.55	27.38	13.95	1.07	120.27
	Above Normal	0.17	0.00	0.00	0.00	0.50	0.00	21.96	36.37	27.01	21.34	7.67	0.00	115.02
	Below Normal	0.00	0.00	0.00	0.00	0.58	0.00	17.47	30.97	29.30	11.59	7.60	0.00	97.51
	Dry	0.12	0.80	0.00	0.00	0.05	1.38	18.98	32.18	32.20	10.20	10.31	0.11	106.32
	Critical	0.00	0.00	0.00	0.00	0.28	2.86	9.62	19.49	29.75	14.33	5.47	1.85	83.65

Difference in Energy generated (GWh) at CVP San Luis: Alternative4_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	0.18	(0.14)	2.35	(0.79)	(3.48)	0.00	(0.16)
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.25)	(0.44)	(0.24)	(0.40)	(0.17)	0.00	(0.13)
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.01	0.02	(0.01)	0.05	0.05	0.03	0.00	0.01
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.03	0.04	0.02	0.00	0.01
1926	Dry	0.00	0.00	0.00	0.00	0.02	0.00	(0.02)	(0.05)	(0.01)	(0.05)	0.07	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.02	0.02	0.00	0.01
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	0.00	(0.01)	0.00	0.00
1929	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
1930	Dry	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
1931	Critical	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.01	0.01	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	1.66	(0.03)	(0.06)	(0.07)	(0.15)	0.00	0.00	0.11
1933	Critical	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
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.39	0.24	0.57	1.29	2.10	0.00	0.00	0.38
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)	(0.33)	(0.33)	(0.61)	(1.22)	0.00	(0.21)
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.02)	(0.02)	0.00	(0.02)	0.00	(0.01)
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.95	10.46	(1.37)	(2.11)	0.00	0.74
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.98	17.28	(1.88)	(4.27)	(9.03)	0.00	0.34
1939	Dry	0.00	(1.12)	0.00	0.00	0.00	0.00	(4.75)	(1.47)	(11.03)	(2.28)	(2.36)	0.00	(1.92)
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.65	1.20	1.17	1.02	0.28	0.00	0.36
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.25)	11.98	(2.29)	8.59	(5.35)	0.00	1.06
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.24)	(0.41)	(0.35)	(0.41)	(0.15)	0.00	(0.13)
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.38)	(0.92)	(5.60)	(1.23)	(0.73)	0.00	(0.74)
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.16	(0.96)	0.82	(0.05)	0.00	0.01
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.47)	(0.74)	(1.07)	(0.83)	(0.52)	0.00	(0.30)
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.16)	0.97	(0.14)	(0.09)	0.00	0.04
1947	Dry	0.00	0.00	0.00	0.00	0.00	(0.01)	0.14	0.22	0.28	0.19	(0.54)	0.00	0.02
1948	Below Normal	0.00	0.00	0.00	0.00	0.03	0.00	0.00	(0.02)	(0.03)	0.00	(0.02)	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	(0.09)	(0.08)	(0.09)	(0.04)	0.00	(0.03)
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.02	0.01	0.01	0.00	0.01
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.04)	(0.01)	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	11.07	0.90	(0.47)	(0.85)	2.06	0.00	1.06
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.28	5.07	2.31	0.24	(0.43)	0.00	0.71
1954	Above Normal	0.24	0.00	0.00	0.00	0.00	0.00	0.52	1.34	0.92	1.36	0.08	0.00	0.37
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.07	0.09	(0.11)	0.19	0.00	0.02
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.06)	(0.15)	1.39	0.00	0.10
1957	Above Normal	0.00	0.00	0.00	0.00	(0.02)	0.00	(0.03)	(0.10)	(0.05)	0.00	0.00	0.00	(0.02)
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	13.95	12.36	4.17	6.25	(6.00)	0.00	2.56
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.52	0.80	0.38	0.00	0.00	0.17
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	(0.11)	(0.13)	(0.10)	(0.14)	0.00	(0.04)
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.03)	0.00	0.00	(0.01)
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.01	0.00	0.00	0.01
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.14)	(0.23)	(0.17)	(0.24)	(0.17)	0.00	(0.08)
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.06	0.11	0.06	0.04	0.00	0.03
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.73)	(1.94)	(1.81)	(2.23)	(2.36)	0.00	(0.76)
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.04)	(0.05)	(0.04)	(0.02)	0.00	(0.02)
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	10.11	0.54	(0.73)	7.97	(3.38)	0.00	1.21
1968	Below Normal	0.00	0.00	0.00	0.00	(0.02)	0.00	0.04	0.04	0.05	(0.02)	(0.01)	0.00	0.01
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.33)	(0.63)	(0.74)	(1.24)	(0.25)
1970	Wet	0.00	(0.18)	0.00	0.00	0.00	0.00	(0.04)	(0.18)	(0.40)	(0.18)	(0.02)	0.00	(0.08)
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.04	(0.01)	0.05	0.00	0.00	0.01
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.05	0.05	0.04	0.02	0.00	0.02
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.87	(0.75)	2.98	0.00	0.51
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.97)	(1.56)	(0.26)	(2.15)	(2.44)	0.00	(0.61)
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.34	0.30	0.31	0.11	0.00	0.10
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.03)	(0.05)	0.05	(0.08)	(0.03)	(0.01)
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	(0.08)	(0.01)
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.81	0.52	10.24	10.37	(10.57)	0.00	1.03
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(3.22)	(4.49)	(5.06)	(2.23)	(2.56)	0.00	(1.46)
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.13	4.17	8.14	7.32	(1.55)	(2.00)	1.35
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	2.01	6.87	3.61	(0.09)	(0.16)	0.00	1.02
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.03	15.46	(3.42)	(3.53)	0.00	1.13
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	5.37	(1.02)	(0.72)	(0.75)	0.23
1987	Dry	(0.06)	(1.28)	0.00	0.00	0.00	0.00	(0.27)	(0.52)	(0.35)	(0.95)	(1.54)	0.00	(0.41)
1988	Critical	0.00	0.00	0.00	0.00	(0.06)	0.03	0.04	0.10	0.07	0.05	0.00	(0.02)	0.02
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)	(0.14)	(0.14)	(0.12)	(0.08)	0.00	(0.05)
1990	Critical	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.04)	5.38	(0.21)	0.00	5.36	(5.85)	0.39
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.13)	(0.17)	(0.34)	(0.14)	(0.39)	0.00	(0.10)
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.17)	(0.29)	(5.50)	4.24	0.00	0.08	(0.14)
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.20)	(0.25)	(0.31)	(0.26)	(0.02)	0.00	(0.09)
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.21	0.24	0.09	0.00	0.00	0.05
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.91	6.76	5.20	(5.04)	(3.27)	0.00	0.38
1996	Wet	(2.32)	0.00	0.00	0.00	0.00	0.00	(1.71)	(2.43)	(2.70)	(2.51)	(0.84)	0.00	(1.04)
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.01	0.74	(0.68)	0.00	0.01
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.13	(0.40)	(1.83)	(2.31)	(1.82)	0.00	(0.44)
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.19	0.24	0.20	0.11	0.00	0.07
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)	(0.19)	(0.28)	(0.34)	(0.11)	0.00	(0.08)
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.03)	(0.09)	0.07	0.36	0.00	0.02
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.05)	(0.04)	(0.01)	0.00	0.00	(0.01)
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.05)	(0.05)	(0.03)	(0.01)	0.00	(0.01)
	Average	(0.03)	(0.03)	0.00	0.00	(0.00)	0.03	0.40	0.80	0.40	0.17	(0.69)	(0.12)	0.08
	Wet	(0.09)	(0.01)	0.00	0.00	0.00	0.00	1.40	2.01	0.55	(0.09)	(1.46)	(0.08)	0.19
	Above Normal	0.02	0.00	0.00	0.00	(0.00)	0.00	0.25	0.54	2.16	1.49	(1.04)	(0.17)	0.27
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.26)	(0.26)	0.40	(0.37)	(0.48)	0.00	(0.08)
	Dry	(0.00)	(0.13)	0.00	0.00	0.00	0.09	(0.17)	0.27	(0.49)	(0.16)	(0.24)	0.00	(0.07)
	Critical	0.00	0.00	0.00	0.00	(0.01)	0.03	0.00	0.48	(0.37)	0.54	0.41	(0.49)	0.05

Percent Difference in Energy generated (GWh) at CVP San Luis: Alternative4_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%	1%	0%	11%	-2%	-16%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-3%	-2%	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%	2%	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%	-1%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	40%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	4%	2%	3%	4%	8%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	-4%	-7%	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%	21%	28%	-6%	-9%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	-	-	-10%	-9%	-22%	0%
1939	Dry	0%	-10%	0%	0%	0%	0%	-26%	-6%	-29%	-95%	-68%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	4%	4%	5%	8%	17%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	-1%	33%	-7%	31%	-28%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	-2%	-3%	-19%	-4%	-6%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	1%	1%	-4%	13%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	-3%	-4%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	3%	-1%	-1%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	1%	1%	1%	2%	-3%	0%
1948	Below Normal	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	-4%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	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%	82%	4%	-3%	-2%	9%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	7%	21%	8%	4%	-24%	0%
1954	Above Normal	13%	0%	0%	0%	0%	0%	3%	5%	4%	11%	33%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	1%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	9%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	436%	46%	30%	16%	-24%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	3%	2%	4%	13%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	-6%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-2%	-2%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	-4%	-4%	-4%	-9%	-43%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	198%	2%	-5%	38%	-11%	0%
1968	Below Normal	0%	0%	0%	0%	-1%	0%	0%	0%	0%	-1%	-6%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-2%	-2%	-2%	-100%
1970	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	13%	-5%	46%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	-3%	-3%	-1%	-6%	-33%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	1%	1%	1%	2%	11%	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%	-2%
1978	Above Normal	0%	0%	0%	0%	0%	0%	18%	2%	61%	34%	-35%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	-12%	-12%	-16%	-17%	-50%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	1%	11%	31%	26%	-8%	-100%
1981	Dry	0%	0%	0%	0%	0%	0%	16%	33%	12%	-2%	-8%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	25%	72%	-6%	-11%	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%	77%	-4%	-7%	-3%
1987	Dry	-3%	-22%	0%	0%	0%	0%	-2%	-2%	-2%	-12%	-9%	0%
1988	Critical	0%	0%	0%	0%	-2%	0%	1%	1%	0%	2%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	-1%	0%	-1%	-1%	-1%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	48%	-1%	0%	-	-100%
1991	Critical	0%	0%	0%	0%	0%	0%	-3%	-1%	-2%	-3%	-7%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	-2%	-2%	-20%	84%	0%	2%
1993	Above Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	-2%	-100%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	1%	1%	1%	4%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	14%	-	55%	-30%	-17%	0%
1996	Wet	-45%	0%	0%	0%	0%	0%	-6%	-9%	-8%	-13%	-58%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	-8%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	20%	-2%	-15%	-12%	-8%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	2%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-2%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	2%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	0%	0%	1%	9%	3%	3%	1%	-6%	-4%
	Wet	-2%	0%	0%	0%	0%	0%	28%	4%	6%	0%	-11%	-4%
	Above Normal	1%	0%	0%	0%	0%	0%	2%	2%	10%	6%	-5%	-8%
	Below Normal	0%	0%	0%	0%	0%	0%	-1%	1%	1%	-1%	-6%	0%
	Dry	0%	-2%	0%	0%	0%	2%	-1%	1%	-1%	-5%	-5%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	4%	-2%	8%	-1%	-8%

Energy generated (GWh) at Folsom Dam: CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	24.88	34.92	31.01	26.88	68.96	54.63	70.25	149.23	147.70	47.64	67.59	82.34	806.03
1923	Below Normal	30.25	41.78	85.78	71.76	64.77	29.71	47.34	78.16	49.36	90.55	34.69	56.67	680.82
1924	Critical	48.58	29.92	30.85	25.37	19.97	11.98	11.75	12.18	8.36	8.69	8.53	7.56	223.74
1925	Dry	11.58	11.63	11.70	11.92	74.91	36.52	77.95	78.13	65.80	88.59	63.22	26.24	558.19
1926	Dry	24.59	29.87	31.27	26.13	21.00	13.69	55.99	27.62	55.14	42.60	28.06	12.68	368.64
1927	Wet	22.45	23.12	25.38	56.31	117.65	73.16	123.55	81.46	92.01	84.85	37.11	56.24	793.29
1928	Above Normal	33.19	71.19	31.65	27.91	26.18	132.56	76.87	32.45	50.03	84.95	38.41	32.91	638.30
1929	Critical	22.85	23.49	25.03	20.72	15.87	18.62	18.41	20.78	24.43	25.00	24.03	21.39	260.62
1930	Dry	14.28	14.06	15.62	16.03	15.10	42.63	29.72	31.49	51.96	63.93	30.18	23.55	348.55
1931	Critical	31.77	23.81	24.15	20.38	15.55	12.40	12.03	12.67	10.85	12.64	11.26	23.92	211.43
1932	Dry	22.00	9.69	10.03	12.08	34.82	33.89	29.88	61.16	85.43	60.98	57.47	65.27	482.70
1933	Critical	35.15	41.07	31.09	25.79	19.55	21.78	25.29	23.50	55.32	58.51	24.63	20.69	382.37
1934	Critical	11.10	19.24	11.21	11.89	11.37	9.14	41.32	48.32	57.90	11.24	19.62	7.53	259.88
1935	Below Normal	10.15	9.89	9.94	11.16	11.42	26.76	90.56	72.30	75.16	90.26	31.73	53.21	492.54
1936	Below Normal	45.45	30.40	31.82	81.28	122.38	68.82	86.56	69.79	83.38	90.51	31.95	62.25	804.59
1937	Below Normal	45.44	30.06	31.22	25.83	37.52	70.77	69.67	67.35	37.99	90.11	31.62	61.63	599.21
1938	Wet	25.25	32.20	106.58	45.18	119.88	135.30	127.11	149.15	147.86	59.41	73.94	80.77	1,102.63
1939	Dry	25.38	35.75	32.15	26.87	20.46	13.05	13.67	24.02	24.91	46.42	16.07	12.20	290.95
1940	Above Normal	20.32	19.33	19.52	42.88	123.35	133.80	98.90	53.93	32.80	90.10	43.78	78.57	757.28
1941	Wet	26.93	39.07	28.16	78.96	113.90	78.98	60.33	86.73	55.96	42.11	70.67	82.53	764.33
1942	Wet	25.87	46.74	67.33	132.80	119.14	39.72	96.45	115.68	125.07	57.18	73.46	80.99	980.43
1943	Wet	26.73	75.34	51.66	131.67	102.88	131.94	83.71	43.10	51.45	90.40	32.11	81.55	902.54
1944	Dry	34.88	40.45	29.19	25.24	19.70	22.05	23.02	24.83	45.90	47.55	37.11	24.78	374.70
1945	Below Normal	22.60	23.26	25.31	25.75	107.85	33.16	35.06	59.74	45.48	90.37	44.23	46.60	559.41
1946	Below Normal	43.08	44.76	133.09	81.58	37.44	49.55	56.62	62.34	33.20	90.25	47.34	31.58	710.83
1947	Dry	46.38	30.62	32.68	27.60	22.05	39.69	19.34	20.58	53.41	49.11	32.17	24.04	397.67
1948	Below Normal	22.66	22.24	22.68	19.58	15.99	26.71	28.29	58.32	86.92	62.96	46.98	65.30	478.63
1949	Dry	27.26	34.96	32.74	27.48	21.02	43.49	53.15	41.34	34.74	84.79	56.17	34.67	491.81
1950	Below Normal	24.35	29.24	30.22	27.43	79.24	51.51	75.49	69.94	69.67	90.38	31.84	58.48	637.79
1951	Above Normal	46.35	120.45	110.11	108.02	101.77	57.72	49.02	60.56	32.74	89.47	38.28	64.50	878.99
1952	Wet	24.25	39.18	67.08	133.06	124.17	99.11	138.00	148.47	147.29	77.01	81.71	72.85	1,152.18
1953	Wet	26.45	56.71	32.35	108.87	33.74	29.19	41.10	48.22	108.36	74.18	62.57	67.46	689.20
1954	Above Normal	34.35	47.26	32.27	27.54	42.14	72.67	69.48	32.46	31.89	85.87	29.60	24.92	530.45
1955	Dry	24.36	29.19	30.84	26.38	27.81	23.27	23.28	25.26	30.35	49.49	41.97	24.64	356.84
1956	Wet	24.08	28.86	121.76	122.27	87.04	30.29	46.94	119.39	101.02	53.81	73.99	78.23	887.68
1957	Above Normal	30.52	51.22	31.17	26.12	21.91	73.09	29.66	47.55	48.68	90.21	47.97	43.73	541.83
1958	Wet	25.20	30.67	32.53	41.60	119.30	106.75	137.26	148.98	132.93	52.74	75.17	69.77	972.90
1959	Below Normal	25.77	50.52	31.48	26.68	26.64	14.02	14.22	15.14	25.45	82.06	15.03	12.58	339.59
1960	Dry	22.53	22.19	22.76	19.03	17.05	48.84	33.67	26.92	26.09	36.07	40.97	26.24	342.36
1961	Dry	24.31	29.29	30.68	25.43	19.38	13.23	13.57	14.62	14.68	50.74	13.41	12.55	261.89
1962	Below Normal	13.94	13.78	14.71	11.78	34.25	32.80	62.07	33.85	32.53	89.43	50.96	31.13	421.23
1963	Wet	56.69	68.72	54.05	64.59	115.09	28.35	107.01	122.78	54.06	81.29	32.15	57.28	842.06
1964	Dry	38.30	67.38	32.80	39.84	27.00	27.99	27.59	29.47	30.03	57.35	39.01	24.83	441.59
1965	Wet	23.18	24.86	113.09	114.86	70.58	27.68	88.02	64.17	62.14	90.64	32.33	82.50	794.05
1966	Below Normal	43.42	32.46	31.88	27.97	25.47	13.80	24.25	15.48	21.57	82.98	18.31	13.23	350.82
1967	Wet	23.62	25.49	40.62	107.41	63.91	94.76	64.57	144.98	147.29	70.22	74.19	78.24	935.30
1968	Below Normal	25.64	51.54	33.24	27.68	99.17	33.18	20.48	21.70	20.87	81.04	18.85	18.10	451.49
1969	Wet	22.86	24.31	26.42	125.32	117.30	55.72	104.43	149.30	114.02	49.74	71.78	80.92	942.12
1970	Wet	25.42	42.64	80.27	122.30	83.47	39.38	29.13	31.30	31.11	84.94	31.96	57.93	659.85
1971	Wet	22.04	24.02	67.78	75.58	49.64	64.64	38.81	61.97	85.94	68.73	51.87	72.04	683.06
1972	Below Normal	25.56	50.04	32.32	31.13	46.27	67.43	29.64	31.80	31.54	85.13	31.42	24.49	486.77
1973	Above Normal	24.15	29.65	43.73	132.50	100.81	56.04	36.56	73.98	56.94	82.40	30.84	48.90	716.50
1974	Wet	24.99	100.31	115.10	128.82	60.85	131.73	104.00	83.42	71.83	58.07	74.59	71.94	1,025.65
1975	Wet	25.77	53.81	31.65	26.84	35.56	74.59	33.31	89.18	108.33	55.85	65.46	70.90	671.25
1976	Critical	25.88	69.95	32.02	26.72	20.95	12.59	12.51	13.20	13.69	16.66	13.06	12.37	269.60
1977	Critical	12.29	11.68	11.65	10.82	10.06	7.60	5.15	4.57	5.21	5.36	15.89	4.82	105.10
1978	Above Normal	5.63	6.31	6.44	27.42	66.41	90.25	68.81	65.49	72.41	86.74	32.21	61.52	589.64
1979	Below Normal	25.83	36.25	32.14	27.24	49.33	55.88	29.84	74.38	69.43	61.90	30.68	25.87	518.77
1980	Above Normal	34.35	35.93	36.87	124.96	112.80	58.06	47.25	50.59	54.88	51.55	73.27	82.10	762.61
1981	Dry	25.21	45.94	31.08	26.73	24.43	12.79	13.85	14.82	22.53	53.78	16.76	12.71	300.63
1982	Wet	22.94	69.81	122.72	115.18	103.03	115.27	133.62	149.24	104.67	54.39	73.33	75.57	1,139.77
1983	Wet	35.60	126.80	132.74	119.35	117.25	131.03	109.08	148.81	146.00	105.26	85.83	82.56	1,340.31
1984	Wet	27.39	126.69	115.26	90.67	74.14	47.12	29.77	44.57	48.90	89.54	31.53	46.41	771.99
1985	Dry	35.41	64.28	40.39	28.59	25.74	20.56	34.04	23.18	54.47	49.56	37.07	18.47	431.76
1986	Wet	23.11	24.56	26.75	49.44	105.01	125.92	45.03	46.84	63.35	88.64	31.10	76.06	705.81
1987	Dry	24.29	29.42	30.38	25.11	19.29	12.34	13.12	17.50	27.05	35.17	11.45	10.21	255.33
1988	Critical	11.28	11.85	11.64	11.70	16.42	14.59	9.03	12.15	18.57	17.07	11.50	10.41	156.21
1989	Dry	12.84	12.57	13.25	13.63	11.53	133.84	70.72	60.43	78.84	52.41	30.54	27.60	518.20
1990	Critical	23.16	24.92	26.15	21.86	16.88	17.31	17.73	18.54	28.38	31.58	24.55	16.93	267.99
1991	Critical	21.80	19.65	19.72	15.74	11.19	13.09	16.24	17.61	30.56	45.69	49.29	20.63	281.21
1992	Critical	11.16	10.80	10.98	10.93	10.71	6.69	21.03	24.31	25.31	67.83	6.28	4.42	210.45
1993	Above Normal	6.06	5.53	9.94	13.65	86.65	116.43	70.18	92.53	91.56	68.15	46.51	64.86	672.05
1994	Critical	30.26	49.23	31.51	26.19	19.92	16.16	16.24	17.25	25.30	28.14	17.38	16.03	293.61
1995	Wet	18.23	17.72	19.04	123.28	68.18	129.77	114.31	148.43	147.33	86.44	78.23	72.26	1,023.22
1996	Wet	44.42	42.86	36.44	87.86	118.66	101.60	77.09	142.50	55.75	67.77	43.89	79.27	898.11
1997	Wet	41.88	56.38	125.05	109.48	82.59	27.33	29.01	31.86	31.60	85.98	29.83	66.36	717.35
1998	Wet	20.64	20.01	20.56	74.90	118.26	99.78	92.49	109.43	147.06	73.40	76.09	73.83	926.45
1999	Wet	25.97	62.89	47.68	91.77	118.77	71.69	45.82	85.62	83.61	74.01	39.52	80.91	828.26
2000	Above Normal	29.30	49.16	30.84	33.20	123.00	67.87	44.31	37.27	35.51	88.45	30.71	37.73	607.35
2001	Dry	26.03	35.58	30.95	25.72	19.50	12.68	13.18	14.43	21.91	35.50	19.00	12.62	267.10
2002	Dry	18.02	12.13	19.44	55.70	49.31	52.11	34.72	32.46	32.35	84.12	43.14	26.27	459.77
2003	Above Normal	25.60	29.43	31.49	54.11	36.23	28.88	39.40	88.03	47.41	90.12	31.58	57.35	559.63
	Average	26.51	38.30	41.62	52.54	58.13	53.31	51.93	59.80	59.87	64.96	40.49	45.39	592.85
	Wet	27.38	49.38	65.69	95.32	93.85	80.42	80.77	99.83	94.81	72.18	57.86	72.90	890.38
	Above Normal	26.23	41.70	34.59	53.77	75.85	78.50	58.39	65.34	58.55	79.64	42.56	56.62	671.72
	Below Normal	28.87	33.30	38.99	35.49	54.12	41.01	47.86	52.16	48.75	84.14	33.26	40.08	538.04
	Dry	25.43	30.83	26.55	25.53	26.12	33.48	32.25	31.57	41.98	54.90	34.10	23.31	386.04
	Critical	23.77	27.97	22.17	19.01	15.70	13.50	17.23	18.76	25.32	27.37	18.84	13.89	243.52

Energy generated (GWh) at Folsom Dam: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	24.88	34.92	31.01	26.88	68.96	54.63	70.25	149.23	147.70	47.64	67.59	82.34	806.03
1923	Below Normal	30.25	41.79	85.76	71.76	64.93	29.70	47.17	78.17	49.38	90.54	34.51	56.89	680.85
1924	Critical	48.39	29.93	30.87	25.38	19.98	11.99	11.76	12.19	8.41	8.74	8.57	7.61	223.82
1925	Dry	11.59	11.63	11.70	11.92	74.91	36.52	77.95	78.13	65.83	88.58	63.28	26.24	558.28
1926	Dry	24.59	29.87	31.26	26.12	20.92	13.68	55.99	27.61	55.27	42.58	28.02	12.67	368.58
1927	Wet	22.44	23.11	25.36	56.30	117.65	73.16	123.55	81.46	92.01	84.87	37.10	56.23	793.24
1928	Above Normal	33.19	71.22	31.65	27.90	26.18	132.55	76.87	32.45	50.04	84.95	38.41	32.92	638.33
1929	Critical	22.85	23.49	25.03	20.72	15.87	18.62	18.41	20.78	24.43	25.00	24.02	21.39	260.61
1930	Dry	14.28	14.06	15.61	16.02	15.10	42.65	29.72	31.49	51.93	63.99	30.17	23.55	348.57
1931	Critical	31.76	23.81	24.15	20.38	15.55	12.40	12.03	12.67	10.85	12.67	11.23	23.92	211.42
1932	Dry	22.00	9.69	10.03	12.08	34.83	33.89	29.88	61.16	85.43	60.93	57.52	65.27	482.71
1933	Critical	35.11	41.03	31.10	25.79	19.56	21.78	25.29	23.51	55.30	58.50	24.64	20.70	382.31
1934	Critical	12.18	19.29	11.16	11.86	11.34	9.05	41.22	48.23	57.68	11.19	18.75	7.53	259.48
1935	Below Normal	10.15	9.89	9.94	11.16	11.42	26.76	90.57	72.30	75.16	90.26	31.73	53.21	492.55
1936	Below Normal	45.45	30.40	31.82	81.28	122.38	68.82	86.56	69.79	83.38	90.51	31.95	62.25	804.59
1937	Below Normal	45.43	30.07	31.22	25.83	37.53	70.77	69.67	67.35	37.99	90.11	31.62	61.61	599.20
1938	Wet	25.25	32.22	106.58	45.18	119.88	135.30	127.11	149.15	147.86	59.41	73.94	80.81	1,102.69
1939	Dry	25.38	35.73	32.15	26.86	20.46	13.04	20.41	22.37	23.72	46.63	13.47	12.14	292.36
1940	Above Normal	19.58	18.66	18.88	43.28	123.35	133.80	98.90	53.93	32.80	90.10	43.68	78.58	755.54
1941	Wet	26.96	38.79	28.20	79.33	113.90	78.98	60.33	86.73	55.96	42.11	70.67	82.53	764.49
1942	Wet	26.13	47.56	66.15	132.80	119.14	39.72	96.45	115.68	125.07	57.18	73.46	81.00	980.34
1943	Wet	26.74	75.25	51.75	131.67	102.88	131.94	83.71	43.10	51.45	89.24	32.15	81.68	901.56
1944	Dry	31.77	44.16	29.64	24.86	19.74	22.08	23.05	24.86	47.77	46.73	36.76	24.55	375.97
1945	Below Normal	22.60	23.30	25.35	25.79	107.80	33.16	35.07	59.76	45.50	90.36	44.26	46.62	559.57
1946	Below Normal	42.78	45.11	133.09	81.59	37.44	49.55	56.62	62.34	33.20	90.25	47.35	34.65	713.97
1947	Dry	46.16	30.46	32.52	27.46	21.27	37.25	19.39	20.63	53.16	49.15	32.40	23.95	393.80
1948	Below Normal	22.66	22.23	22.66	19.57	15.97	26.71	28.29	58.34	86.92	62.94	47.00	65.30	478.59
1949	Dry	27.26	34.96	32.74	27.48	21.02	43.49	53.15	41.34	34.73	84.80	56.15	34.74	491.86
1950	Below Normal	24.35	29.23	30.22	27.35	79.24	51.51	75.49	69.94	69.67	90.38	31.84	58.48	637.70
1951	Above Normal	46.45	120.44	110.11	108.02	101.77	57.72	49.02	60.56	32.74	89.47	38.27	64.47	879.04
1952	Wet	24.25	39.20	67.10	133.06	124.17	99.11	138.00	148.47	147.29	77.01	81.71	72.81	1,152.18
1953	Wet	26.26	62.50	32.03	102.68	33.74	29.18	41.15	48.22	108.36	74.21	62.54	67.46	688.33
1954	Above Normal	34.12	47.07	32.29	27.56	42.61	72.67	69.48	32.46	31.89	85.87	29.60	24.92	530.54
1955	Dry	24.36	29.19	30.84	26.38	27.85	23.27	23.28	25.26	30.35	49.55	41.82	24.64	356.79
1956	Wet	24.09	28.87	121.76	122.27	87.04	30.29	46.94	119.39	101.02	53.81	73.99	78.24	887.71
1957	Above Normal	30.52	51.23	31.17	26.12	21.90	73.09	29.66	47.55	48.68	90.21	47.97	43.74	541.84
1958	Wet	25.20	30.67	32.53	41.59	119.30	106.75	137.26	148.98	132.93	52.74	75.17	69.64	972.76
1959	Below Normal	25.77	54.97	31.20	26.44	22.04	14.02	14.22	15.14	25.47	82.05	14.97	12.58	338.87
1960	Dry	22.45	22.25	22.73	19.01	17.03	48.81	33.74	26.93	26.09	36.10	40.92	26.63	342.69
1961	Dry	24.29	29.27	30.65	25.40	19.36	13.23	13.56	14.62	14.67	50.79	13.40	12.54	261.78
1962	Below Normal	13.73	13.58	14.52	11.62	34.55	32.80	62.07	33.84	32.53	89.43	50.96	31.13	420.76
1963	Wet	56.70	68.72	54.05	64.59	115.09	28.35	107.01	122.78	54.06	81.29	32.15	57.27	842.06
1964	Dry	38.30	67.36	32.80	39.86	27.00	27.99	27.59	29.47	30.03	57.35	39.01	24.84	441.60
1965	Wet	23.18	24.86	113.08	114.86	70.58	27.68	88.02	64.17	62.14	90.43	32.34	82.52	793.86
1966	Below Normal	43.40	32.27	31.90	27.99	25.49	13.81	24.73	15.48	21.59	83.17	18.24	13.23	351.30
1967	Wet	23.61	25.44	40.50	107.41	63.91	94.76	64.57	144.98	147.29	70.22	74.19	78.93	935.81
1968	Below Normal	25.62	56.77	32.11	27.43	93.48	33.18	20.48	21.70	20.87	81.04	18.85	18.10	449.63
1969	Wet	22.86	24.31	26.42	125.32	117.30	55.72	104.43	149.30	114.02	49.74	71.78	80.92	942.12
1970	Wet	25.42	42.66	80.25	122.30	83.47	39.37	29.13	31.30	31.11	84.94	31.95	58.09	659.99
1971	Wet	21.98	24.02	67.66	75.58	49.64	64.64	38.81	61.97	85.94	68.68	51.92	72.00	682.84
1972	Below Normal	25.56	50.07	32.32	31.13	46.27	67.43	29.64	31.80	31.54	85.13	31.42	24.49	486.80
1973	Above Normal	24.15	29.65	43.73	132.50	100.81	56.04	36.56	73.98	56.94	82.32	30.84	50.18	717.70
1974	Wet	24.94	99.00	115.10	128.82	60.85	131.73	104.00	83.42	71.83	58.07	74.59	71.94	1,024.29
1975	Wet	25.77	53.47	31.67	26.86	35.91	74.59	33.31	89.18	108.33	55.84	65.47	70.90	671.30
1976	Critical	25.88	70.03	32.01	26.72	20.95	12.59	12.51	13.20	13.68	16.63	13.06	12.37	269.63
1977	Critical	12.29	11.68	11.65	10.82	10.06	7.60	5.15	4.57	5.21	5.36	15.89	4.82	105.10
1978	Above Normal	5.63	6.31	6.44	27.42	66.41	90.28	68.81	65.49	72.41	86.72	32.21	61.68	589.81
1979	Below Normal	26.01	44.33	31.63	26.82	40.37	55.88	29.87	74.42	69.70	67.96	30.41	25.63	523.03
1980	Above Normal	33.61	30.75	36.37	124.96	112.80	58.06	47.25	50.59	54.88	51.55	73.27	82.48	756.57
1981	Dry	25.20	47.17	30.97	26.63	24.34	12.75	13.80	14.78	22.37	53.56	16.50	12.68	300.75
1982	Wet	22.89	69.03	122.72	115.20	103.03	115.27	133.62	149.24	104.67	54.39	73.33	75.57	1,138.96
1983	Wet	35.60	126.80	132.74	119.35	117.25	131.03	109.08	148.81	146.00	105.26	85.83	82.56	1,340.31
1984	Wet	27.39	126.69	115.26	90.67	74.14	47.12	29.77	44.57	48.90	89.54	31.53	46.41	771.99
1985	Dry	35.42	64.28	40.39	28.59	25.74	20.56	34.04	23.18	54.47	49.56	37.07	18.47	431.77
1986	Wet	23.11	24.56	26.75	49.44	105.01	125.92	45.03	46.84	63.35	88.64	31.10	76.07	705.82
1987	Dry	24.29	29.42	30.38	25.10	19.29	12.34	13.12	17.56	26.22	35.88	11.45	10.21	255.26
1988	Critical	11.29	11.85	11.64	11.70	16.76	14.65	9.02	12.13	18.56	17.03	11.50	10.40	156.53
1989	Dry	12.75	12.49	13.17	13.55	11.53	133.86	70.72	60.53	78.96	52.40	30.48	27.59	518.03
1990	Critical	23.15	24.91	26.14	21.85	16.88	17.31	17.73	18.54	28.37	31.54	23.71	16.96	267.09
1991	Critical	22.05	19.91	19.97	15.92	11.30	13.22	16.40	17.79	30.51	45.40	49.64	20.54	282.65
1992	Critical	11.11	10.75	10.93	10.88	10.67	6.68	21.00	24.06	25.78	67.45	3.93	4.42	207.66
1993	Above Normal	6.06	5.53	9.94	13.66	86.65	116.43	70.18	92.53	91.56	68.09	46.45	64.89	671.97
1994	Critical	30.35	49.16	31.52	26.19	19.93	16.17	16.25	17.26	25.41	28.32	17.28	16.04	293.88
1995	Wet	18.18	17.68	18.99	123.28	68.19	129.77	114.31	148.43	147.33	86.44	78.23	72.26	1,023.09
1996	Wet	44.42	49.41	32.01	85.03	118.66	101.60	77.09	142.50	55.75	67.80	43.86	79.30	897.43
1997	Wet	41.17	56.51	125.13	109.48	82.59	27.33	29.01	31.86	31.60	85.98	29.83	66.31	716.80
1998	Wet	20.69	20.00	20.58	74.89	118.26	99.78	92.49	109.43	147.06	73.40	76.09	73.83	926.50
1999	Wet	25.97	62.89	47.68	91.77	118.77	71.69	45.82	85.62	83.61	74.02	39.51	80.91	828.26
2000	Above Normal	29.35	49.18	30.83	33.12	123.00	67.87	44.31	37.27	35.51	88.45	30.71	37.73	607.33
2001	Dry	26.02	35.59	30.95	25.72	19.50	12.68	13.18	14.43	22.00	35.47	18.82	12.62	266.98
2002	Dry	18.15	12.13	19.43	55.70	49.31	52.11	34.72	32.46	32.35	84.14	43.13	26.64	460.27
2003	Above Normal	25.42	29.41	31.48	53.88	36.23	28.88	39.40	88.03	47.41	90.12	31.58	57.36	559.20
	Average	26.45	38.64	41.51	52.41	57.90	53.28	52.01	59.78	59.88	65.01	40.40	45.47	592.74
	Wet	27.35	49.78	65.46	94.99	93.86	80.41	80.77	99.83	94.81	72.13	57.86	72.93	890.18
	Above Normal	26.08	41.20	34.49	53.78	75.89	78.50	58.39	65.34	58.55	79.62	42.55	56.77	671.16
	Below Normal	28.84	34.57	38.84	35.41	52.78	41.01	47.89	52.17	48.78	84.58	33.22	40.30	538.39
	Dry	25.24	31.10	26.55	25.49	26.07	33.34	32.63	31.49	41.96	54.90	33.91	23.33	386.00
	Critical	23.87	27.99	22.18	19.02	15.74	13.51	17.23	18.74	25.35	27.32	18.52	13.89	243.35

Difference in Energy generated (GWh) at Folsom Dam: Alternative4_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	(0.02)	0.00	0.16	(0.01)	(0.17)	0.01	0.02	(0.01)	(0.18)	0.22	0.00
1924	Critical	(0.19)	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.05	0.05	0.04	0.05	0.01
1925	Dry	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	(0.01)	0.06	0.00	0.01
1926	Dry	0.00	0.00	(0.01)	(0.01)	(0.08)	(0.01)	0.00	(0.01)	0.13	(0.02)	(0.04)	(0.01)	0.00
1927	Wet	(0.01)	(0.01)	(0.02)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.02	(0.01)	(0.01)	0.00
1928	Above Normal	0.00	0.03	0.00	(0.01)	0.00	(0.01)	0.00	0.00	0.01	0.00	0.00	0.01	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1930	Dry	0.00	0.00	(0.01)	(0.01)	0.00	0.02	0.00	0.00	(0.03)	0.06	(0.01)	0.00	0.00
1931	Critical	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	(0.03)	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	(0.05)	0.05	0.00	0.00
1933	Critical	(0.04)	(0.04)	0.01	0.00	0.01	0.00	0.00	0.01	(0.02)	(0.01)	0.01	0.01	0.00
1934	Critical	1.08	0.05	(0.05)	(0.03)	(0.03)	(0.09)	(0.10)	(0.09)	(0.22)	(0.05)	(0.87)	0.00	(0.03)
1935	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
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	(0.01)	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00
1938	Wet	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.01
1939	Dry	0.00	(0.02)	0.00	(0.01)	0.00	(0.01)	6.74	(1.65)	(1.19)	0.21	(2.60)	(0.06)	0.12
1940	Above Normal	(0.74)	(0.67)	(0.64)	0.40	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)	0.01	(0.15)
1941	Wet	0.03	(0.28)	0.04	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1942	Wet	0.26	0.82	(1.18)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)
1943	Wet	0.01	(0.09)	0.09	0.00	0.00	0.00	0.00	0.00	0.00	(1.16)	0.04	0.13	(0.08)
1944	Dry	(3.11)	3.71	0.45	(0.38)	0.04	0.03	0.03	0.03	1.87	(0.82)	(0.35)	(0.23)	0.11
1945	Below Normal	0.00	0.04	0.04	0.04	(0.05)	0.00	0.01	0.02	0.02	(0.01)	0.03	0.02	0.01
1946	Below Normal	(0.30)	0.35	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	3.07	0.26
1947	Dry	(0.22)	(0.16)	(0.16)	(0.14)	(0.78)	(2.44)	0.05	0.05	(0.25)	0.04	0.23	(0.09)	(0.32)
1948	Below Normal	0.00	(0.01)	(0.02)	(0.01)	(0.02)	0.00	0.00	0.02	0.00	(0.02)	0.02	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.01	(0.02)	0.07	0.00
1950	Below Normal	0.00	(0.01)	0.00	(0.08)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1951	Above Normal	0.10	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.03)	0.00
1952	Wet	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	0.00
1953	Wet	(0.19)	5.79	(0.32)	(6.19)	0.00	(0.01)	0.05	0.00	0.00	0.03	(0.03)	0.00	(0.07)
1954	Above Normal	(0.23)	(0.19)	0.02	0.02	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1955	Dry	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.06	(0.15)	0.00	0.00
1956	Wet	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1957	Above Normal	0.00	0.01	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1958	Wet	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.13)	(0.01)
1959	Below Normal	0.00	4.45	(0.28)	(0.24)	(4.60)	0.00	0.00	0.00	0.02	(0.01)	(0.06)	0.00	(0.06)
1960	Dry	(0.08)	0.06	(0.03)	(0.02)	(0.02)	(0.03)	0.07	0.01	0.00	0.03	(0.05)	0.39	0.03
1961	Dry	(0.02)	(0.02)	(0.03)	(0.03)	(0.02)	0.00	(0.01)	0.00	(0.01)	0.05	(0.01)	(0.01)	(0.01)
1962	Below Normal	(0.21)	(0.20)	(0.19)	(0.16)	0.30	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.04)
1963	Wet	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1964	Dry	0.00	(0.02)	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1965	Wet	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.21)	0.01	0.02	(0.02)
1966	Below Normal	(0.02)	(0.19)	0.02	0.02	0.02	0.01	0.48	0.00	0.02	0.19	(0.07)	0.00	0.04
1967	Wet	(0.01)	(0.05)	(0.12)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.04
1968	Below Normal	(0.02)	5.23	(1.13)	(0.25)	(5.69)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.16)
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.02	(0.02)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.01)	0.16	0.01
1971	Wet	(0.06)	0.00	(0.12)	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	0.05	(0.04)	(0.02)
1972	Below Normal	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)	0.00	1.28	0.10
1974	Wet	(0.05)	(1.31)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.11)
1975	Wet	0.00	(0.34)	0.02	0.02	0.35	0.00	0.00	0.00	0.00	(0.01)	0.01	0.00	0.00
1976	Critical	0.00	0.08	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.03)	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	0.03	0.00	0.00	0.00	(0.02)	0.00	0.16	0.01
1979	Below Normal	0.18	8.08	(0.51)	(0.42)	(8.96)	0.00	0.03	0.04	0.27	6.06	(0.27)	(0.24)	0.36
1980	Above Normal	(0.74)	(5.18)	(0.50)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	(0.50)
1981	Dry	(0.01)	1.23	(0.11)	(0.10)	(0.09)	(0.04)	(0.05)	(0.04)	(0.16)	(0.22)	(0.26)	(0.03)	0.01
1982	Wet	(0.05)	(0.78)	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1987	Dry	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.06	(0.83)	0.71	0.00	0.00	(0.01)
1988	Critical	0.01	0.00	0.00	0.00	0.34	0.06	(0.01)	(0.02)	(0.01)	(0.04)	0.00	(0.01)	0.03
1989	Dry	(0.09)	(0.08)	(0.08)	(0.08)	0.00	0.02	0.00	0.10	0.12	(0.01)	(0.06)	(0.01)	(0.01)
1990	Critical	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	(0.01)	(0.04)	(0.84)	0.03	(0.07)
1991	Critical	0.25	0.26	0.25	0.18	0.11	0.13	0.16	0.18	(0.05)	(0.29)	0.35	(0.09)	0.12
1992	Critical	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)	(0.01)	(0.03)	(0.25)	0.47	(0.38)	(2.35)	0.00	(0.23)
1993	Above Normal	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.06)	(0.06)	0.03	(0.01)
1994	Critical	0.09	(0.07)	0.01	0.00	0.01	0.01	0.01	0.01	0.11	0.18	(0.10)	0.01	0.02
1995	Wet	(0.05)	(0.04)	(0.05)	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1996	Wet	0.00	6.55	(4.43)	(2.83)	0.00	0.00	0.00	0.00	0.00	0.03	(0.03)	0.03	(0.06)
1997	Wet	(0.71)	0.13	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	(0.05)
1998	Wet	0.05	(0.01)	0.02	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	0.00	0.00
2000	Above Normal	0.05	0.02	(0.01)	(0.08)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.09	(0.03)	(0.18)	0.00	(0.01)
2002	Dry	0.13	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.02	(0.01)	0.37	0.04
2003	Above Normal	(0.18)	(0.02)	(0.01)	(0.23)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.04)
	Average	(0.06)	0.33	(0.11)	(0.13)	(0.23)	(0.03)	0.09	(0.02)	0.01	0.05	(0.10)	0.07	(0.01)
	Wet	(0.03)	0.40	(0.23)	(0.33)	0.01	(0.00)	0.00	0.00	0.00	(0.05)	0.00	0.03	(0.02)
	Above Normal	(0.15)	(0.50)	(0.10)	0.01	0.04	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.16	(0.05)
	Below Normal	(0.03)	1.27	(0.15)	(0.08)	(1.35)	(0.00)	0.03	0.01	0.03	0.44	(0.04)	0.22	0.03
	Dry	(0.19)	0.26	0.00	(0.04)	(0.05)	(0.14)	0.38	(0.08)	(0.01)	0.00	(0.19)	0.02	(0.00)
	Critical	0.09	0.02	0.01	0.01	0.03	0.01	0.00	(0.01)	0.03	(0.05)	(0.32)	(0.00)	(0.01)

Percent Difference in Energy generated (GWh) at Folsom Dam: Alternative4_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%	-1%	0%
1924	Critical	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	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%	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	10%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	-4%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	49%	-7%	-5%	0%	-16%	0%
1940	Above Normal	-4%	-3%	-3%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	1%	2%	-2%	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	-9%	9%	2%	-2%	0%	0%	0%	0%	4%	-2%	-1%	-1%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	10%
1947	Dry	0%	-1%	0%	-1%	-4%	-6%	0%	0%	0%	0%	1%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	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%	10%	-1%	-6%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	9%	-1%	-1%	-17%	0%	0%	0%	0%	0%	0%	0%
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	-2%	-1%	-1%	-1%	1%	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%	2%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1968	Below Normal	0%	10%	-3%	-1%	-6%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1974	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	1%	22%	-2%	-2%	-18%	0%	0%	0%	0%	10%	-1%	-1%
1980	Above Normal	-2%	-14%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	3%	0%	0%	0%	0%	0%	0%	-1%	0%	-2%	0%
1982	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-3%	2%	0%	0%
1988	Critical	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%
1991	Critical	1%	1%	1%	1%	1%	1%	1%	1%	0%	-1%	1%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	-1%	2%	-1%	-37%	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%	1%	-1%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	15%	-12%	-3%	0%	0%	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%	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%	-1%	0%
2002	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	1%	0%	0%	0%	0%	1%	0%	0%	0%	-1%	0%
	Wet	0%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	-1%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	0%	3%	-1%	0%	-3%	0%	0%	0%	0%	1%	0%	1%
	Dry	-1%	1%	0%	0%	0%	0%	3%	0%	0%	0%	-1%	0%
	Critical	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-4%	0%

Energy generated (GWh) at Judge Francis Carr: CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	111.95	16.42	8.48	8.48	7.66	3.39	8.21	0.00	4.71	50.89	50.89	65.66	336.74
1923	Below Normal	25.44	16.42	8.48	3.39	3.06	6.42	8.21	8.48	41.04	67.86	76.33	49.25	314.38
1924	Critical	25.44	16.42	4.96	53.34	3.17	10.91	18.21	6.13	8.21	50.89	50.89	32.83	281.40
1925	Dry	0.00	0.00	0.00	78.36	0.00	0.56	3.28	0.00	24.62	59.37	33.93	24.62	224.74
1926	Dry	8.48	3.28	3.39	3.39	3.06	6.48	3.28	8.48	24.62	59.37	42.41	46.35	212.59
1927	Wet	8.48	3.28	3.39	3.39	0.00	3.39	0.00	0.00	1.13	50.89	50.89	65.66	190.50
1928	Above Normal	42.41	16.42	8.48	8.48	3.17	0.00	3.28	0.00	3.48	22.63	67.85	65.66	241.86
1929	Critical	25.44	16.42	8.48	111.80	3.06	8.48	13.97	8.48	32.83	84.81	50.89	32.83	397.49
1930	Dry	8.48	3.28	4.18	3.39	3.06	3.39	4.38	8.48	32.83	42.41	60.77	32.83	207.48
1931	Critical	8.48	3.28	3.43	3.39	3.06	6.42	13.56	4.19	8.21	50.89	68.52	28.44	201.87
1932	Dry	1.06	16.60	0.00	27.60	0.00	0.00	0.00	0.00	13.32	50.89	39.44	8.21	157.12
1933	Critical	11.38	5.34	1.17	0.50	0.09	8.67	0.00	0.00	8.21	50.89	8.48	8.21	102.94
1934	Critical	40.92	0.00	0.00	0.00	0.00	0.00	13.38	6.02	8.21	50.89	111.89	108.34	339.65
1935	Below Normal	16.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.21	50.89	8.48	8.21	92.47
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	3.39	3.28	0.00	4.62	33.93	42.41	32.83	120.46
1937	Below Normal	8.48	0.00	0.00	0.00	0.00	0.00	0.00	3.39	8.21	59.37	33.93	24.62	138.00
1938	Wet	8.48	0.00	0.00	3.39	0.00	0.00	0.00	0.00	0.00	2.23	50.89	60.13	125.12
1939	Dry	66.17	8.33	17.43	3.39	3.06	0.00	70.90	30.91	58.79	111.54	111.54	79.19	561.25
1940	Above Normal	29.90	33.90	3.39	3.39	0.00	0.00	8.21	0.00	24.62	67.85	67.85	49.25	288.36
1941	Wet	25.44	16.42	0.00	0.00	0.00	0.00	0.00	68.25	15.22	111.54	66.12	89.13	392.12
1942	Wet	63.43	16.42	71.08	0.00	0.00	3.39	10.81	0.00	0.00	60.04	54.74	83.74	363.65
1943	Wet	60.13	16.42	33.26	24.48	12.61	39.56	9.22	0.00	8.03	50.89	50.89	65.66	371.15
1944	Dry	42.41	16.42	8.48	8.48	7.93	44.40	14.06	8.48	49.43	111.54	76.33	49.25	437.21
1945	Below Normal	8.48	3.28	3.39	8.48	0.00	3.39	8.12	0.00	24.62	50.89	59.37	49.25	219.27
1946	Below Normal	8.48	0.00	0.00	0.00	3.06	3.39	6.19	0.00	24.62	50.89	67.85	49.25	213.73
1947	Dry	25.44	16.42	8.48	4.64	3.06	3.39	11.49	8.48	24.62	59.37	76.33	34.61	276.33
1948	Below Normal	8.48	3.28	4.11	3.39	7.93	8.48	8.21	0.00	0.00	0.98	50.89	2.08	97.83
1949	Dry	0.00	0.00	3.48	4.17	3.06	0.00	3.28	0.00	24.62	50.89	67.85	49.25	206.60
1950	Below Normal	25.44	16.42	8.48	8.48	7.66	3.39	8.21	8.48	24.62	67.85	59.37	49.25	287.65
1951	Above Normal	25.44	0.00	0.00	0.00	0.00	6.34	41.57	0.00	1.88	50.89	67.85	65.66	259.63
1952	Wet	42.41	16.42	0.00	0.00	0.00	8.54	80.75	0.00	3.50	96.55	56.86	84.23	389.26
1953	Wet	60.06	0.00	19.96	0.00	13.35	15.30	29.82	0.00	0.00	38.08	59.42	89.37	325.36
1954	Above Normal	60.70	45.62	29.76	19.21	0.00	76.82	75.42	0.00	1.40	50.89	50.89	65.66	476.37
1955	Dry	42.41	16.42	8.48	45.27	3.06	6.32	4.98	8.48	24.62	67.85	67.85	49.25	344.99
1956	Wet	25.44	16.42	0.00	0.00	0.00	28.28	45.62	0.00	0.00	50.89	37.22	55.63	259.50
1957	Above Normal	63.40	3.03	8.48	8.48	7.66	31.75	3.77	0.00	1.37	50.89	50.89	65.66	295.38
1958	Wet	28.14	43.53	55.70	59.76	3.06	0.00	0.00	81.01	0.00	95.26	61.77	85.56	513.79
1959	Below Normal	61.17	0.02	8.48	64.59	2.26	17.93	46.50	0.00	49.25	67.85	89.12	82.08	489.25
1960	Dry	25.44	16.42	8.48	8.48	7.93	3.39	6.56	0.00	1.17	50.89	67.85	49.25	245.86
1961	Dry	25.44	16.42	0.00	3.39	0.00	0.00	4.55	0.00	3.05	50.89	67.85	65.66	237.25
1962	Below Normal	25.44	16.42	8.48	3.39	0.00	3.39	3.61	0.00	24.62	50.89	67.85	49.25	253.34
1963	Wet	0.00	0.00	0.00	3.39	0.00	0.00	0.00	0.00	1.12	50.89	50.89	95.95	202.24
1964	Dry	42.41	16.42	0.08	22.76	28.20	6.36	13.23	8.48	41.04	69.62	86.45	49.25	384.30
1965	Wet	25.44	16.42	0.00	0.00	3.06	4.56	0.00	0.00	4.84	50.89	50.89	49.25	205.35
1966	Below Normal	25.44	16.42	8.48	3.39	3.06	4.65	55.21	0.00	10.53	50.89	111.54	65.66	355.27
1967	Wet	42.41	16.42	2.01	32.08	17.89	29.41	0.00	0.00	0.00	64.34	58.84	86.91	350.31
1968	Below Normal	66.79	3.47	11.40	19.21	0.00	24.15	10.86	0.00	20.02	67.85	67.85	65.66	357.26
1969	Wet	25.44	16.42	8.48	0.00	0.00	0.00	0.00	24.34	0.00	50.89	50.89	54.13	230.59
1970	Wet	61.91	0.32	111.95	67.34	0.00	23.36	10.24	0.00	45.11	67.85	67.85	82.08	538.01
1971	Wet	33.93	16.42	0.00	0.00	3.06	1.09	18.40	0.00	0.00	0.00	50.89	80.14	203.93
1972	Below Normal	59.64	5.61	12.11	30.90	4.56	111.95	3.68	0.00	5.48	0.00	93.30	65.66	392.89
1973	Above Normal	25.44	0.00	0.00	0.00	0.00	11.02	13.71	0.00	0.28	50.89	93.30	65.66	260.30
1974	Wet	25.44	0.00	0.00	64.41	2.65	0.00	16.38	0.00	0.00	50.24	56.76	83.41	299.29
1975	Wet	59.27	0.00	8.48	3.39	3.06	0.00	8.21	0.00	0.00	81.42	56.17	84.39	304.39
1976	Critical	66.37	16.39	20.37	111.95	3.17	3.79	5.80	8.48	68.35	111.47	76.33	49.25	541.72
1977	Critical	8.48	13.80	31.24	12.05	13.30	8.05	16.58	3.39	8.21	50.89	111.95	8.21	286.15
1978	Above Normal	74.17	0.15	1.85	0.00	0.00	0.00	0.00	0.00	0.00	50.89	50.89	49.25	227.20
1979	Below Normal	25.44	0.00	0.08	0.00	0.00	3.39	5.57	3.39	24.62	50.89	59.37	49.25	222.00
1980	Above Normal	21.91	0.00	0.00	0.00	0.00	3.39	3.28	0.00	24.62	50.89	67.85	65.66	237.60
1981	Dry	25.44	8.21	8.48	8.48	3.06	3.39	6.59	3.39	24.62	73.26	100.36	49.25	314.53
1982	Wet	25.44	0.00	0.00	0.00	0.00	37.65	0.00	0.00	0.00	50.89	7.02	20.31	141.31
1983	Wet	77.54	19.91	0.00	0.00	0.00	1.67	0.00	78.11	105.16	111.54	84.81	95.45	574.19
1984	Wet	68.49	68.36	0.00	57.96	3.17	20.26	10.28	0.00	8.85	50.89	93.30	49.25	430.81
1985	Dry	42.41	0.00	0.00	42.04	3.06	5.56	12.90	13.20	62.73	111.54	111.54	49.25	454.23
1986	Wet	25.44	3.28	3.39	3.39	0.00	0.00	76.77	0.00	24.62	67.85	67.85	65.66	338.25
1987	Dry	25.44	16.42	8.48	8.48	7.66	3.39	13.24	8.48	41.04	111.54	111.54	70.57	426.28
1988	Critical	28.38	5.27	3.39	3.39	3.17	8.48	33.79	8.48	35.76	84.81	50.89	32.83	298.64
1989	Dry	8.48	3.28	3.39	62.00	3.06	3.39	3.99	0.00	24.62	59.37	42.41	32.83	246.82
1990	Critical	8.48	3.28	3.47	3.39	3.06	4.59	14.87	3.39	8.21	42.41	50.89	32.83	178.87
1991	Critical	8.48	3.28	3.47	3.49	3.28	0.00	9.10	3.39	8.21	50.89	50.89	8.21	152.69
1992	Critical	0.00	0.00	3.49	3.48	0.00	0.00	1.53	3.39	8.21	50.89	111.54	44.16	226.69
1993	Above Normal	0.00	40.94	0.00	0.00	0.00	3.39	3.28	0.00	0.00	0.00	50.89	32.83	131.33
1994	Critical	12.12	0.00	8.48	3.39	3.06	3.76	14.59	25.48	50.52	76.33	84.81	32.83	315.37
1995	Wet	8.48	3.28	3.39	0.00	0.00	0.00	0.00	0.00	0.00	32.59	57.39	82.52	187.65
1996	Wet	59.34	0.00	53.30	37.33	0.00	52.53	16.57	0.00	1.53	50.89	50.89	49.25	371.63
1997	Wet	25.44	16.42	0.00	0.00	3.06	3.39	45.20	0.00	41.04	67.85	84.81	49.25	336.46
1998	Wet	33.93	17.99	3.39	0.00	0.00	0.00	32.14	0.00	99.27	111.54	68.13	85.33	451.72
1999	Wet	60.62	35.67	38.23	19.17	0.00	38.92	5.57	0.00	0.00	50.89	50.89	62.22	362.18
2000	Above Normal	59.16	17.69	13.70	61.53	0.00	0.00	71.13	0.00	1.34	50.89	50.89	90.29	416.62
2001	Dry	25.44	16.42	8.48	8.48	3.06	3.39	3.28	15.22	49.25	111.54	111.54	49.25	405.35
2002	Dry	67.98	16.42	8.48	0.00	3.06	3.39	10.31	0.00	24.62	50.89	67.85	49.25	302.25
2003	Above Normal	25.44	16.42	0.00	0.00	3.06	3.39	0.00	0.00	1.95	65.54	93.30	90.29	299.39
	Average	31.86	11.05	9.21	15.70	2.95	9.81	14.16	5.83	18.27	59.28	64.88	55.19	298.20
	Wet	37.71	13.84	16.00	14.60	2.50	11.97	16.00	9.68	13.82	60.30	57.58	71.33	325.34
	Above Normal	44.99	15.88	6.18	9.13	1.80	11.62	19.32	0.00	5.47	46.93	63.61	64.29	289.23
	Below Normal	26.10	5.81	5.25	10.37	2.26	13.85	11.98	1.70	19.32	47.93	63.40	45.88	253.84
	Dry	26.83	10.60	5.54	19.04	4.74	5.38	10.57	6.78	30.53	72.38	74.66	46.56	313.62
	Critical	20.33	6.96	7.66	25.85	3.20	5.26	12.95	6.74	21.10	63.01	69.00	34.91	276.96

Energy generated (GWh) at Judge Francis Carr: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	111.95	16.42	8.48	8.48	7.66	3.39	8.21	0.00	4.71	50.89	50.89	65.66	336.74
1923	Below Normal	25.44	16.42	8.48	3.39	3.06	6.42	8.21	8.48	41.04	67.85	76.33	49.25	314.37
1924	Critical	25.44	16.42	4.96	53.21	3.17	10.91	18.21	6.13	8.21	50.89	50.89	32.83	281.27
1925	Dry	0.00	0.00	0.00	78.74	0.00	0.56	3.28	0.00	24.62	59.37	33.93	24.62	225.12
1926	Dry	8.48	3.28	3.39	3.39	3.06	6.48	3.28	8.48	24.62	59.37	42.41	46.32	212.56
1927	Wet	8.48	3.28	3.39	3.39	0.00	3.39	0.00	0.00	1.13	50.89	50.89	65.66	190.50
1928	Above Normal	42.41	16.42	8.48	8.48	3.17	0.00	3.28	0.00	3.48	22.56	67.85	65.66	241.79
1929	Critical	25.44	16.42	8.48	111.80	3.06	8.48	13.97	8.48	32.83	84.81	50.89	32.83	397.49
1930	Dry	8.48	3.28	4.06	3.39	3.06	3.39	4.38	8.48	32.83	42.41	60.94	32.83	207.53
1931	Critical	8.48	3.28	3.43	3.39	3.06	6.42	13.56	4.19	8.21	50.89	70.14	26.67	201.72
1932	Dry	3.05	16.60	0.00	26.18	0.00	0.00	0.00	0.00	12.75	50.89	40.46	8.21	158.14
1933	Critical	11.52	5.42	1.17	0.50	0.09	7.45	0.00	0.00	8.21	50.89	8.48	8.21	101.94
1934	Critical	40.92	0.00	0.72	0.00	0.00	0.00	13.38	6.02	8.21	50.89	111.89	108.34	340.37
1935	Below Normal	15.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.21	50.89	8.48	8.21	91.78
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	3.39	3.28	0.00	4.62	33.93	42.41	32.83	120.46
1937	Below Normal	8.48	0.00	0.00	0.00	0.00	0.00	0.00	3.39	8.21	59.37	33.93	24.62	138.00
1938	Wet	8.48	0.00	0.00	3.39	0.00	0.00	0.00	0.00	0.00	2.23	50.89	60.13	125.12
1939	Dry	66.17	8.33	17.43	3.39	3.06	0.00	20.27	41.14	76.86	111.54	111.54	86.20	545.93
1940	Above Normal	38.03	34.55	3.39	3.39	0.00	0.00	8.21	0.00	24.62	67.85	67.85	82.08	329.97
1941	Wet	25.44	16.42	0.00	0.00	0.00	0.00	0.00	68.25	15.22	111.54	66.12	89.13	392.12
1942	Wet	63.43	16.42	80.93	0.00	0.00	3.39	10.81	0.00	0.00	60.04	54.74	83.74	373.50
1943	Wet	60.13	16.42	33.26	23.81	12.61	39.56	9.22	0.00	8.03	50.89	50.89	65.66	370.48
1944	Dry	42.41	16.42	8.48	8.48	7.93	42.75	14.06	8.48	49.38	111.54	76.33	49.25	435.51
1945	Below Normal	8.48	3.28	3.39	8.48	0.00	3.39	8.12	0.00	24.62	50.89	59.37	49.25	219.27
1946	Below Normal	8.48	0.00	0.00	0.00	3.06	3.39	6.19	0.00	24.62	50.89	67.85	49.25	213.73
1947	Dry	25.44	16.42	8.48	4.64	3.06	3.39	11.49	8.48	24.62	59.37	76.33	35.37	277.09
1948	Below Normal	8.48	3.28	4.11	3.39	7.93	8.48	8.21	0.00	0.00	0.98	50.89	2.08	97.83
1949	Dry	0.00	0.00	3.48	4.17	3.06	0.00	3.28	0.00	24.62	50.89	67.85	49.25	206.60
1950	Below Normal	25.44	16.42	8.48	8.48	7.66	3.39	8.21	8.48	24.62	67.85	59.37	49.25	287.65
1951	Above Normal	25.44	0.00	0.00	0.00	0.00	6.98	41.42	0.00	1.88	50.89	67.85	65.66	260.12
1952	Wet	42.41	16.42	0.00	0.00	0.00	8.69	80.75	0.00	3.50	96.55	56.86	84.23	389.41
1953	Wet	60.06	0.00	19.96	0.00	13.35	15.30	29.76	0.00	0.00	38.14	59.42	89.37	325.36
1954	Above Normal	60.71	45.62	29.76	19.21	0.00	76.82	75.42	0.00	1.40	50.89	50.89	65.66	476.38
1955	Dry	42.41	16.42	8.48	47.11	3.06	6.32	4.98	8.48	24.62	67.85	67.85	49.25	346.83
1956	Wet	25.44	16.42	0.00	0.00	0.00	28.28	45.62	0.00	0.00	50.89	37.25	55.60	259.50
1957	Above Normal	63.40	3.03	8.48	8.48	7.66	31.75	3.77	0.00	1.37	50.89	50.89	65.66	295.38
1958	Wet	28.14	43.53	55.70	59.76	3.06	0.00	0.00	81.01	0.00	95.26	61.77	85.56	513.79
1959	Below Normal	61.17	0.02	8.48	64.59	2.26	17.93	46.59	0.00	49.25	67.85	89.36	82.08	489.58
1960	Dry	25.44	16.42	8.48	8.48	7.93	3.39	6.56	0.00	1.17	50.89	67.85	49.25	245.86
1961	Dry	25.44	16.42	0.00	3.39	0.00	0.00	4.55	0.00	3.05	50.89	67.85	65.66	237.25
1962	Below Normal	25.44	16.42	8.48	3.39	0.00	3.39	3.61	0.00	24.62	50.89	67.85	49.25	253.34
1963	Wet	0.00	0.00	0.00	3.39	0.00	0.00	0.00	0.00	1.12	50.89	50.89	95.97	202.26
1964	Dry	42.41	16.42	0.08	22.69	28.21	6.36	13.23	8.48	41.04	69.64	86.51	49.25	384.32
1965	Wet	25.44	16.42	0.00	0.00	3.06	4.56	0.00	0.00	4.84	50.89	50.89	49.25	205.35
1966	Below Normal	25.44	16.42	8.48	3.39	3.06	4.65	55.21	0.00	10.53	50.89	111.54	65.66	355.27
1967	Wet	42.41	16.42	2.01	32.08	17.89	29.41	0.00	0.00	0.00	64.34	58.84	86.91	350.31
1968	Below Normal	66.79	3.47	11.40	19.21	0.00	24.15	10.86	0.00	20.02	67.85	67.85	65.66	357.26
1969	Wet	25.44	16.42	8.48	0.00	0.00	0.00	0.00	24.34	0.00	50.89	50.89	54.13	230.59
1970	Wet	61.91	0.32	111.95	67.34	0.00	23.36	10.24	0.00	45.11	67.85	67.85	82.08	538.01
1971	Wet	34.76	16.42	0.00	0.00	3.06	0.26	18.39	0.00	0.00	0.00	50.89	80.15	203.93
1972	Below Normal	59.64	5.61	12.11	30.90	4.56	111.95	3.68	0.00	5.48	0.00	93.30	65.66	392.89
1973	Above Normal	25.44	0.00	0.00	0.00	0.00	11.02	13.71	0.00	0.28	50.89	93.30	65.66	260.30
1974	Wet	25.44	0.00	0.00	64.41	2.65	0.00	16.38	0.00	0.00	50.24	56.76	83.41	299.29
1975	Wet	59.27	0.00	8.48	3.39	3.06	0.00	8.21	0.00	0.00	81.42	56.17	84.39	304.39
1976	Critical	66.37	16.39	20.37	111.95	3.17	3.79	5.80	8.48	69.16	111.20	76.33	49.25	542.26
1977	Critical	8.48	13.81	31.18	11.98	12.89	8.05	16.58	3.39	8.21	50.89	111.95	8.21	285.62
1978	Above Normal	74.39	0.15	1.85	0.00	0.00	0.00	0.00	0.00	0.00	50.89	50.89	49.25	227.42
1979	Below Normal	25.44	0.00	3.39	3.39	3.06	0.00	5.57	8.48	24.62	50.89	59.37	49.25	233.46
1980	Above Normal	8.48	0.00	0.00	0.00	0.00	3.39	3.28	0.00	24.62	50.89	67.85	65.66	224.17
1981	Dry	25.44	16.42	8.48	8.48	3.06	3.39	6.59	3.39	24.62	71.22	102.77	49.25	323.11
1982	Wet	25.44	0.00	0.00	0.00	0.00	37.65	0.00	0.00	0.00	50.89	7.22	20.11	141.31
1983	Wet	77.54	19.91	0.00	0.00	0.00	1.67	0.00	78.11	105.16	111.54	84.81	95.45	574.19
1984	Wet	68.49	68.36	0.00	57.96	3.17	20.26	10.28	0.00	8.85	50.89	93.30	49.25	430.81
1985	Dry	42.41	0.00	0.00	42.04	3.06	5.56	12.90	13.21	62.76	111.54	111.54	49.25	454.27
1986	Wet	25.44	3.28	3.39	3.39	0.00	0.00	76.74	0.00	24.62	67.85	67.85	65.66	338.22
1987	Dry	25.44	16.42	8.48	8.48	7.66	3.39	13.24	8.48	41.04	111.54	111.54	71.69	427.40
1988	Critical	30.86	5.27	3.39	3.39	3.17	8.08	33.51	8.48	35.05	84.81	50.89	32.83	299.73
1989	Dry	8.48	3.28	3.39	63.09	3.06	3.39	3.99	0.00	24.62	59.37	42.41	32.83	247.91
1990	Critical	8.48	3.28	3.47	3.39	3.06	4.59	14.87	3.39	8.21	42.41	50.89	32.83	178.87
1991	Critical	8.48	3.28	3.47	3.49	3.28	0.00	9.10	3.39	8.21	50.89	50.89	8.21	152.69
1992	Critical	0.00	0.00	3.49	3.48	0.00	0.00	1.53	3.39	8.21	50.89	111.54	44.74	227.27
1993	Above Normal	0.00	49.79	0.00	0.00	0.00	0.00	3.28	0.00	0.00	0.00	50.89	32.83	136.79
1994	Critical	11.20	0.00	8.48	3.39	3.06	3.76	14.59	24.52	48.86	76.33	84.81	32.83	311.83
1995	Wet	8.48	3.28	3.39	0.00	0.00	0.00	0.00	0.00	0.00	27.66	57.39	82.52	182.72
1996	Wet	59.34	0.00	53.30	37.33	0.00	52.53	16.57	0.00	1.53	50.89	50.89	49.25	371.63
1997	Wet	25.44	16.42	0.00	0.00	3.06	3.39	45.22	0.00	41.04	67.85	84.81	49.25	336.48
1998	Wet	33.93	17.41	3.39	0.00	0.00	0.00	32.14	0.00	99.27	111.54	68.13	85.33	451.14
1999	Wet	60.62	35.67	38.23	19.17	0.00	38.92	5.57	0.00	0.00	50.89	50.89	62.22	362.18
2000	Above Normal	59.16	17.69	13.70	61.53	0.00	0.00	71.13	0.00	1.34	50.89	50.89	90.29	416.62
2001	Dry	25.44	16.42	8.48	8.48	3.06	3.39	3.28	15.30	49.25	111.54	111.54	49.25	405.43
2002	Dry	67.97	16.42	8.48	0.00	3.06	3.39	10.31	0.00	24.62	50.89	67.85	49.25	302.24
2003	Above Normal	25.44	16.42	0.00	0.00	3.06	3.39	0.00	0.00	1.95	65.46	93.30	90.29	299.31
	Average	31.85	11.26	9.38	15.75	2.98	9.69	13.54	6.01	18.47	59.19	64.95	55.68	298.74
	Wet	37.75	13.82	16.38	14.57	2.50	11.95	16.00	9.68	13.82	60.11	57.59	71.32	325.48
	Above Normal	44.57	16.67	6.18	9.13	1.80	11.40	19.31	0.00	5.47	46.92	63.61	67.03	292.08
	Below Normal	26.05	5.81	5.49	10.62	2.48	13.61	11.98	2.06	19.32	47.93	63.42	45.88	254.64
	Dry	26.94	11.05	5.54	19.15	4.74	5.29	7.76	7.36	31.51	72.26	74.86	47.05	313.51
	Critical	20.47	6.96	7.72	25.83	3.17	5.13	12.93	6.66	20.97	62.98	69.13	34.82	276.76

Difference in Energy generated (GWh) at Judge Francis Carr: Alternative4_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	(0.01)	0.00	0.00	0.00
1924	Critical	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)
1925	Dry	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	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	(0.07)	0.00	0.00	(0.01)
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	(0.12)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	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	1.62	(1.77)	(0.01)
1932	Dry	1.99	0.00	0.00	(1.42)	0.00	0.00	0.00	0.00	(0.57)	0.00	1.02	0.00	0.09
1933	Critical	0.14	0.08	0.00	0.00	0.00	(1.22)	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)
1934	Critical	0.00	0.00	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1935	Below Normal	(0.69)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(50.63)	10.23	18.07	0.00	0.00	7.01	(1.28)
1940	Above Normal	8.13	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.83	3.47
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	9.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82
1943	Wet	0.00	0.00	0.00	(0.67)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)
1944	Dry	0.00	0.00	0.00	0.00	0.00	(1.65)	0.00	0.00	(0.05)	0.00	0.00	0.00	(0.14)
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.06
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.64	(0.15)	0.00	0.00	0.00	0.00	0.00	0.04
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	0.00	0.00	0.06	0.00	0.00	0.00
1954	Above Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	1.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	(0.03)	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.24	0.00	0.03
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	0.02	0.00
1964	Dry	0.00	0.00	0.00	(0.07)	0.01	0.00	0.00	0.00	0.00	0.02	0.06	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.83	0.00	0.00	0.00	0.00	(0.83)	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81	(0.27)	0.00	0.00	0.05
1977	Critical	0.00	0.01	(0.06)	(0.07)	(0.41)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1978	Above Normal	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1979	Below Normal	0.00	0.00	3.31	3.39	3.06	(3.39)	0.00	5.09	0.00	0.00	0.00	0.00	0.96
1980	Above Normal	(13.43)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.12)
1981	Dry	0.00	8.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(2.04)	2.41	0.00	0.71
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	(0.20)	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	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	1.12	0.09
1988	Critical	2.48	0.00	0.00	0.00	0.00	(0.40)	(0.28)	0.00	(0.71)	0.00	0.00	0.00	0.09
1989	Dry	0.00	0.00	0.00	1.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.58	0.05
1993	Above Normal	0.00	8.85	0.00	0.00	0.00	(3.39)	0.00	0.00	0.00	0.00	0.00	0.00	0.46
1994	Critical	(0.92)	0.00	0.00	0.00	0.00	0.00	0.00	(0.96)	(1.66)	0.00	0.00	0.00	(0.30)
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(4.93)	0.00	0.00	(0.41)
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	0.02	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	(0.58)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.01
2002	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
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)	0.00	0.00	(0.01)
	Average	(0.02)	0.21	0.17	0.05	0.03	(0.12)	(0.62)	0.18	0.19	(0.09)	0.07	0.49	0.05
	Wet	0.03	(0.02)	0.38	(0.03)	0.00	(0.03)	(0.00)	0.00	0.00	(0.19)	0.01	(0.01)	0.01
	Above Normal	(0.42)	0.79	0.00	0.00	0.00	(0.23)	(0.01)	0.00	0.00	(0.01)	0.00	2.74	0.24
	Below Normal	(0.05)	0.00	0.24	0.24	0.22	(0.24)	0.01	0.36	0.00	(0.00)	0.02	0.00	0.07
	Dry	0.11	0.46	(0.01)	0.10	0.00	(0.09)	(2.81)	0.57	0.97	(0.11)	0.20	0.49	(0.01)
	Critical	0.14	0.01	0.06	(0.02)	(0.03)	(0.14)	(0.02)	(0.08)	(0.13)	(0.02)	0.14	(0.10)	(0.02)

Percent Difference in Energy generated (GWh) at Judge Francis Carr: Alternative4_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%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	-6%
1932	Dry	188%	0%	0%	-5%	0%	0%	0%	0%	-4%	0%	3%	0%
1933	Critical	1%	1%	0%	0%	0%	-14%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	-71%	33%	31%	0%	0%	9%
1940	Above Normal	27%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	67%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	14%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	10%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	2%	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%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	2%	0%	0%	0%	0%	-76%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1977	Critical	0%	0%	0%	-1%	-3%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	>1,000%	-	-	-100%	0%	150%	0%	0%	0%	0%
1980	Above Normal	-61%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	100%	0%	0%	0%	0%	0%	0%	0%	-3%	2%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	-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%	0%	0%	0%	2%
1988	Critical	9%	0%	0%	0%	0%	-5%	-1%	0%	-2%	0%	0%	0%
1989	Dry	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1993	Above Normal	0%	22%	0%	0%	0%	-100%	0%	0%	0%	0%	0%	0%
1994	Critical	-8%	0%	0%	0%	0%	0%	0%	-4%	-3%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-15%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	-3%	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%	1%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	2%	1%	0%	0%	0%	-3%	-1%	2%	0%	0%	0%	1%
	Wet	0%	0%	1%	0%	0%	-3%	0%	0%	0%	-1%	0%	0%
	Above Normal	-3%	2%	0%	0%	0%	-7%	0%	0%	0%	0%	0%	6%
	Below Normal	0%	0%	0%	0%	0%	-7%	0%	11%	0%	0%	0%	0%
	Dry	10%	6%	0%	0%	0%	0%	-4%	2%	1%	0%	0%	1%
	Critical	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%

Energy generated (GWh) at Keswick Dam: CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	33.32	30.85	18.10	15.79	19.51	21.60	23.04	39.48	55.50	59.94	52.54	42.78	412.45
1923	Below Normal	27.68	33.67	19.29	17.60	14.26	15.79	15.28	46.65	49.91	57.88	47.78	22.59	368.38
1924	Critical	25.58	23.10	20.12	15.79	14.77	19.85	34.66	35.87	45.27	50.43	43.99	27.15	356.58
1925	Dry	18.80	15.28	15.79	14.93	13.49	16.60	17.40	28.88	43.82	57.09	47.13	26.77	315.98
1926	Dry	27.19	20.17	16.93	15.79	14.26	19.91	18.62	30.58	50.68	61.05	43.97	27.74	346.89
1927	Wet	22.43	16.33	21.04	21.60	66.14	20.45	44.75	41.76	48.68	59.00	49.92	70.85	482.95
1928	Above Normal	28.63	20.04	19.29	21.44	15.49	54.29	17.32	32.18	55.22	67.44	50.77	46.89	429.00
1929	Critical	28.29	25.90	16.01	15.79	14.26	15.79	27.50	33.97	43.43	57.00	55.92	23.76	357.62
1930	Dry	24.93	20.19	15.79	15.79	14.26	15.79	21.16	25.87	44.02	48.86	39.45	19.71	305.82
1931	Critical	20.74	17.14	15.79	15.79	14.26	15.79	41.17	34.17	39.92	53.63	44.72	18.20	331.32
1932	Dry	17.29	13.51	14.93	14.93	13.97	15.79	24.62	21.28	31.45	35.96	31.05	17.42	252.20
1933	Critical	18.97	14.99	13.96	14.93	14.26	15.79	24.12	26.21	33.49	38.40	54.90	27.64	297.66
1934	Critical	24.10	14.73	15.23	15.79	14.26	15.79	24.78	28.74	37.00	50.70	35.43	18.67	295.22
1935	Below Normal	10.63	12.19	15.79	15.79	14.26	15.79	15.28	20.50	43.54	50.14	42.47	21.88	278.26
1936	Below Normal	21.45	18.88	16.91	15.79	18.68	21.60	20.90	28.11	37.49	55.81	42.92	21.38	319.92
1937	Below Normal	24.73	20.70	15.79	15.79	14.26	15.79	15.28	24.84	39.16	52.24	42.22	22.69	303.49
1938	Wet	19.29	22.28	75.85	21.60	65.43	70.99	54.10	41.63	44.71	53.40	49.78	53.49	572.55
1939	Dry	30.77	31.53	15.79	15.79	17.16	15.79	38.21	38.25	53.15	67.44	52.23	28.09	404.20
1940	Above Normal	27.12	26.82	16.83	15.79	67.96	75.02	20.90	31.45	51.39	67.44	51.96	30.56	483.24
1941	Wet	27.77	25.07	28.73	73.57	67.11	61.05	60.13	60.64	45.56	58.70	59.91	65.26	633.50
1942	Wet	34.90	40.36	58.65	75.76	65.82	21.60	20.90	47.19	40.61	55.52	54.13	64.22	579.66
1943	Wet	34.12	43.76	19.29	41.73	35.05	57.18	23.33	35.98	46.28	65.96	49.48	61.33	513.49
1944	Dry	29.17	39.87	19.52	19.19	14.77	15.79	28.09	25.41	39.57	59.77	44.57	21.60	357.32
1945	Below Normal	23.48	19.75	17.66	15.79	19.51	21.60	22.90	27.21	43.21	58.21	46.91	25.77	342.00
1946	Below Normal	30.29	22.55	74.37	34.92	19.51	21.60	31.66	36.84	50.13	60.37	49.87	27.14	459.25
1947	Dry	28.95	21.53	15.79	18.04	14.26	15.79	26.44	42.36	44.55	64.31	47.57	30.10	369.69
1948	Below Normal	20.80	18.15	18.19	15.81	14.77	15.79	19.84	42.43	41.13	57.52	49.30	27.06	340.79
1949	Dry	31.27	21.28	19.29	17.56	18.29	37.15	24.21	31.67	49.65	57.94	48.96	29.84	387.11
1950	Below Normal	30.32	23.02	20.11	19.41	19.51	21.60	17.91	30.88	42.26	51.01	42.69	21.47	340.19
1951	Above Normal	32.43	39.76	67.65	34.80	63.57	19.51	33.64	26.98	51.16	67.44	49.84	34.25	521.03
1952	Wet	27.70	33.28	45.72	38.85	70.84	51.56	72.76	42.23	35.91	56.47	56.27	49.99	581.58
1953	Wet	39.10	36.04	25.83	72.56	19.51	21.60	24.84	41.18	43.27	59.15	48.81	64.67	496.56
1954	Above Normal	27.02	47.41	19.29	51.35	68.43	51.18	54.83	35.02	46.66	67.44	50.85	48.04	567.52
1955	Dry	29.31	27.30	21.59	20.22	16.69	15.97	25.98	25.41	43.30	61.73	42.49	20.33	350.32
1956	Wet	25.40	18.87	72.73	71.99	69.90	21.60	20.90	49.84	43.53	50.54	44.03	57.43	546.76
1957	Above Normal	34.79	48.20	20.18	19.67	19.31	38.98	25.92	42.35	47.26	67.44	47.41	37.20	448.71
1958	Wet	29.18	38.87	47.35	62.73	64.56	69.47	51.90	42.40	41.75	61.72	60.02	53.27	623.22
1959	Below Normal	38.88	43.38	21.06	32.18	55.59	15.79	36.84	38.18	58.88	67.03	54.96	20.66	483.43
1960	Dry	30.63	23.80	20.98	16.97	15.82	17.44	30.15	23.61	57.35	65.49	43.03	28.77	374.04
1961	Dry	26.84	20.78	24.43	15.79	41.49	28.80	28.76	34.31	49.24	67.44	53.59	31.13	422.60
1962	Below Normal	31.25	27.46	19.29	17.69	58.02	16.59	28.11	36.14	48.28	61.97	47.66	24.34	416.80
1963	Wet	35.58	24.54	41.22	21.60	35.50	29.01	69.82	25.84	44.37	66.23	47.30	65.11	506.12
1964	Dry	20.79	23.36	19.29	21.60	14.77	15.79	40.52	33.70	44.28	61.71	42.24	22.16	360.21
1965	Wet	21.37	18.67	75.65	74.89	19.51	21.60	29.77	32.79	45.71	57.42	42.59	54.97	494.94
1966	Below Normal	31.06	36.71	19.29	21.60	19.51	49.15	35.47	38.10	57.75	67.44	52.92	31.49	460.49
1967	Wet	33.50	19.92	46.43	45.50	34.42	70.83	44.60	63.76	42.19	57.01	55.57	57.77	571.50
1968	Below Normal	33.39	31.58	19.29	21.60	57.79	17.01	30.66	34.18	52.82	67.44	43.25	26.82	435.83
1969	Wet	24.26	18.67	17.47	74.20	67.53	27.21	52.04	54.70	45.64	55.17	49.69	53.10	539.68
1970	Wet	26.28	32.23	69.23	66.57	54.11	21.60	32.12	34.52	47.95	67.44	47.02	59.63	558.70
1971	Wet	32.90	25.32	26.47	65.76	19.51	76.02	27.73	40.76	43.09	56.91	44.51	54.89	513.87
1972	Below Normal	36.10	39.69	19.29	21.60	14.77	56.68	33.72	32.78	55.20	67.44	46.20	24.62	448.09
1973	Above Normal	25.60	21.52	32.52	65.53	68.28	34.17	20.90	30.82	51.90	67.44	46.17	35.05	499.90
1974	Wet	19.67	70.63	75.09	69.87	23.85	70.74	30.49	30.78	45.14	44.70	59.58	55.07	595.61
1975	Wet	37.60	48.89	16.03	15.79	19.51	73.20	20.90	43.51	48.66	53.52	50.48	57.59	485.68
1976	Critical	40.35	42.58	17.09	18.95	22.59	19.19	24.54	32.94	50.44	61.40	29.05	15.93	375.05
1977	Critical	33.69	25.51	24.94	20.48	28.00	20.56	44.17	27.49	58.39	61.37	36.38	11.96	392.94
1978	Above Normal	26.21	14.56	15.79	15.79	37.00	64.49	28.83	41.79	50.97	56.61	47.46	26.43	425.93
1979	Below Normal	32.53	27.01	20.14	21.60	16.07	15.79	15.28	25.99	49.80	59.33	37.64	21.52	342.70
1980	Above Normal	24.05	22.94	18.28	75.83	67.48	21.60	20.92	32.18	50.56	55.27	45.44	24.80	459.35
1981	Dry	25.02	36.37	19.52	19.47	14.26	15.79	16.70	38.38	65.26	66.74	47.04	22.60	387.15
1982	Wet	21.44	35.97	74.46	33.15	66.85	58.31	71.30	21.13	37.73	49.51	42.42	41.70	553.97
1983	Wet	43.96	30.83	58.58	75.51	63.84	69.26	60.38	55.00	64.64	66.42	64.49	55.23	708.14
1984	Wet	43.60	59.76	73.73	35.72	20.21	45.76	24.96	35.63	48.32	67.44	41.85	65.36	562.34
1985	Dry	21.52	21.74	26.82	21.60	14.26	15.79	27.16	42.67	54.50	61.03	50.54	25.45	383.08
1986	Wet	26.45	25.29	17.85	17.35	62.24	75.24	20.90	34.91	50.92	56.86	47.00	25.06	460.07
1987	Dry	21.02	32.10	19.10	15.79	14.26	15.79	32.86	42.51	64.78	67.92	42.57	27.12	395.82
1988	Critical	30.83	20.47	16.93	20.06	25.13	17.03	25.55	30.87	54.27	63.54	52.91	22.86	380.45
1989	Dry	26.94	15.28	16.82	15.79	14.26	15.79	15.28	42.30	43.54	62.09	40.14	15.28	323.51
1990	Critical	16.45	16.55	16.46	15.79	14.26	15.79	32.12	25.31	40.49	62.16	47.11	19.26	321.75
1991	Critical	21.56	17.24	15.79	15.79	14.26	15.79	15.28	29.14	37.14	49.78	33.58	17.36	282.71
1992	Critical	24.28	25.29	15.79	15.79	14.77	15.79	15.28	45.41	57.37	51.77	60.77	21.21	363.52
1993	Above Normal	32.14	23.31	15.79	15.79	14.26	15.79	20.90	33.01	44.82	59.27	42.52	44.32	361.92
1994	Critical	28.45	33.69	22.65	15.79	14.26	15.79	32.55	29.80	51.68	67.44	48.59	17.93	378.62
1995	Wet	24.66	18.99	15.79	64.45	31.05	68.02	34.86	55.95	41.18	53.32	58.49	50.26	517.02
1996	Wet	38.98	38.02	19.29	21.60	66.75	50.15	20.90	50.30	42.99	55.94	44.03	53.83	502.78
1997	Wet	36.33	40.75	73.66	71.01	19.51	21.60	34.05	42.90	49.60	64.05	41.55	57.87	552.88
1998	Wet	36.05	39.12	15.79	48.43	61.92	75.68	20.90	70.93	72.81	70.67	64.11	54.77	631.18
1999	Wet	43.86	48.55	51.79	35.73	67.01	59.32	20.90	43.20	45.09	60.86	45.59	55.09	576.99
2000	Above Normal	35.34	53.08	19.94	21.60	66.49	35.29	26.05	37.57	51.38	67.44	49.96	44.64	508.78
2001	Dry	31.56	41.29	20.56	15.79	14.26	15.79	24.82	43.20	63.87	66.40	42.09	23.61	403.24
2002	Dry	35.86	19.58	17.93	43.07	15.42	15.79	30.16	39.68	52.86	55.91	43.24	25.55	395.05
2003	Above Normal	32.51	24.35	46.42	66.71	19.51	16.66	40.43	60.87	46.10	72.17	43.83	41.58	511.14
	Average	28.65	28.55	28.56	31.26	32.23	31.79	30.19	37.02	47.85	59.63	47.43	35.84	439.00
	Wet	31.01	33.50	44.76	50.67	48.37	50.35	38.09	43.83	46.40	58.61	50.72	56.07	552.37
	Above Normal	29.93	31.07	25.84	35.01	43.94	37.38	27.81	36.98	50.24	64.61	48.23	38.05	469.08
	Below Normal	28.04	26.77	22.61	20.51	25.47	22.90	24.22	33.06	47.83	59.56	46.20	24.25	381.40
	Dry	26.55	24.72	18.94	18.78	16.44	18.08	26.17	33.89	49.77	60.49	44.55	24.63	363.01
	Critical	26.11	23.10	17.56	16.73	17.09	16.91	28.48	31.66	45.74	55.64	45.28	20.16	344.45

Energy generated (GWh) at Keswick Dam: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	33.32	30.85	18.10	15.79	19.51	21.60	23.04	39.47	55.50	59.94	52.54	42.78	412.44
1923	Below Normal	27.68	33.69	19.29	17.60	14.26	15.79	15.28	46.63	49.90	57.86	47.77	22.59	368.34
1924	Critical	25.58	23.10	20.12	15.79	14.77	19.85	34.66	35.91	45.30	50.45	43.98	27.19	356.70
1925	Dry	18.84	15.28	15.79	14.93	13.49	16.60	17.40	28.89	43.83	57.10	47.14	26.79	316.08
1926	Dry	27.20	20.18	16.93	15.79	14.26	19.91	18.62	30.59	50.63	61.05	43.93	27.73	346.82
1927	Wet	22.44	16.33	21.04	21.60	66.14	20.45	44.75	41.76	48.69	59.01	49.93	70.86	483.00
1928	Above Normal	28.63	20.04	19.29	21.44	15.49	54.26	17.32	32.19	55.22	67.44	50.77	46.89	428.98
1929	Critical	28.30	25.89	16.00	15.79	14.26	15.79	27.50	33.98	43.44	57.01	55.93	23.77	357.66
1930	Dry	24.93	20.20	15.79	15.79	14.26	15.79	21.16	25.87	44.02	48.84	39.46	19.71	305.82
1931	Critical	20.75	17.15	15.79	15.79	14.26	15.79	41.18	34.21	39.94	53.65	44.75	18.22	331.48
1932	Dry	17.30	13.51	14.93	14.93	13.97	15.79	24.64	21.33	31.50	35.99	31.10	17.45	252.44
1933	Critical	18.99	15.02	13.96	14.93	14.26	15.79	24.14	26.27	33.54	38.43	54.94	27.69	297.96
1934	Critical	23.76	14.45	14.93	15.79	14.26	15.79	24.81	28.76	37.05	50.72	35.06	18.67	294.05
1935	Below Normal	11.07	12.19	15.79	15.79	14.26	15.79	15.28	20.52	43.56	50.16	42.49	21.90	278.80
1936	Below Normal	21.48	18.91	16.91	15.79	18.68	21.60	20.90	28.13	37.51	55.81	42.93	21.40	320.05
1937	Below Normal	24.75	20.72	15.79	15.79	14.26	15.79	15.28	24.85	39.18	52.21	42.23	22.71	303.56
1938	Wet	19.29	21.95	75.85	21.60	65.43	70.99	54.10	41.63	44.73	53.42	49.80	53.49	572.28
1939	Dry	30.72	31.56	16.17	15.79	17.14	15.79	35.94	38.46	53.36	67.44	52.17	27.40	401.94
1940	Above Normal	27.29	27.02	16.83	15.79	67.89	75.02	20.90	31.51	51.50	67.44	52.06	31.10	484.35
1941	Wet	27.81	26.14	31.14	73.57	67.11	61.05	60.13	60.64	45.57	58.69	59.91	65.26	637.02
1942	Wet	35.15	41.37	58.67	75.76	65.82	21.60	20.90	47.19	40.62	55.53	54.11	64.23	580.95
1943	Wet	34.12	43.66	19.29	41.73	35.05	57.18	23.33	35.98	46.25	65.19	49.46	61.80	513.04
1944	Dry	29.20	39.42	19.52	19.19	14.77	15.79	28.11	25.44	39.60	59.72	44.74	21.76	357.26
1945	Below Normal	23.50	19.75	17.66	15.79	19.51	21.60	22.91	27.20	43.19	58.16	46.89	25.77	341.93
1946	Below Normal	30.24	22.88	74.37	34.92	19.51	21.60	31.67	36.85	50.14	60.05	49.67	27.16	459.06
1947	Dry	29.16	21.55	15.79	18.05	14.26	15.79	26.46	42.38	44.63	64.32	47.94	30.05	370.38
1948	Below Normal	20.79	18.15	18.19	15.81	14.77	15.79	19.84	42.43	41.04	57.51	49.30	27.07	340.69
1949	Dry	31.27	21.29	19.29	17.56	18.29	37.15	24.22	31.67	49.66	57.93	48.95	29.91	387.19
1950	Below Normal	30.33	23.02	20.11	19.41	19.51	21.60	17.92	30.88	42.26	51.01	42.70	21.47	340.22
1951	Above Normal	32.41	39.69	67.65	34.80	63.57	19.51	33.64	26.99	51.16	67.44	49.84	34.26	520.96
1952	Wet	27.71	33.29	45.74	38.85	70.84	51.58	72.76	42.23	35.92	56.47	56.27	49.95	581.61
1953	Wet	39.11	42.52	19.29	72.57	19.51	21.60	24.80	41.20	43.27	59.18	48.79	64.67	496.51
1954	Above Normal	26.79	47.14	19.29	51.83	68.43	51.18	54.83	35.02	46.66	67.44	50.87	48.05	567.53
1955	Dry	29.42	27.41	21.59	20.22	16.81	15.97	25.97	25.40	43.30	61.72	42.35	20.32	350.48
1956	Wet	25.67	18.88	72.74	71.99	69.90	21.60	20.90	49.84	43.53	50.54	44.03	57.43	547.05
1957	Above Normal	34.79	48.21	20.18	19.67	19.31	38.96	25.92	42.35	47.26	67.44	47.41	37.20	448.70
1958	Wet	29.17	38.87	47.35	62.73	64.56	69.47	51.90	42.40	41.75	61.72	60.02	53.14	623.08
1959	Below Normal	39.01	48.33	21.06	27.04	55.59	15.79	36.88	38.22	58.90	67.03	55.00	20.67	483.52
1960	Dry	30.73	23.70	20.98	16.97	15.82	17.44	30.13	23.61	57.35	65.48	43.00	29.16	374.37
1961	Dry	26.80	20.78	24.02	15.79	41.49	28.80	28.76	34.31	49.24	67.44	53.52	31.12	422.07
1962	Below Normal	31.34	27.54	19.29	17.74	57.90	16.59	28.11	36.14	48.28	61.98	47.66	24.34	416.91
1963	Wet	35.56	24.54	41.22	21.60	35.50	29.01	69.82	25.84	44.38	66.23	47.30	65.12	506.12
1964	Dry	20.80	23.33	19.29	21.60	14.77	15.79	40.53	33.71	44.29	61.72	42.26	22.17	360.26
1965	Wet	21.37	18.67	75.66	74.89	19.51	21.60	29.77	32.73	45.63	57.41	42.54	54.94	494.72
1966	Below Normal	31.07	36.45	19.29	21.60	19.51	49.62	35.47	38.11	57.76	67.44	52.95	31.48	460.75
1967	Wet	33.50	19.92	46.40	45.50	34.42	70.83	44.60	63.76	42.19	57.01	55.56	58.52	572.21
1968	Below Normal	33.41	37.73	19.52	21.60	50.94	17.01	30.68	34.19	52.83	67.44	43.25	26.83	435.43
1969	Wet	24.26	18.67	17.47	74.21	67.53	27.21	52.04	54.70	45.65	55.17	49.69	53.10	539.70
1970	Wet	26.59	31.94	69.21	66.57	54.11	21.60	32.13	34.52	47.95	67.44	47.03	60.07	559.16
1971	Wet	32.92	25.19	26.23	65.76	19.51	75.92	27.73	40.76	43.09	56.87	44.51	54.90	513.39
1972	Below Normal	36.10	39.72	19.29	21.60	14.77	56.69	33.72	32.78	55.20	67.44	46.20	24.63	448.14
1973	Above Normal	25.60	21.51	32.52	65.53	68.28	34.17	20.90	30.82	51.90	67.44	46.17	36.26	501.10
1974	Wet	19.72	70.72	75.09	69.87	23.85	70.74	30.49	30.78	45.14	44.70	59.58	55.07	595.75
1975	Wet	37.59	48.51	16.03	15.79	19.51	73.18	20.90	43.51	48.66	53.52	50.48	57.59	485.27
1976	Critical	40.35	42.68	17.10	18.95	22.60	19.19	24.54	32.94	50.45	61.30	29.10	15.93	375.13
1977	Critical	33.76	25.52	24.94	20.48	27.99	20.56	44.17	27.52	58.42	61.39	36.22	11.97	392.94
1978	Above Normal	26.23	14.58	15.79	15.79	36.98	64.49	28.83	41.79	50.98	56.62	47.46	26.57	426.11
1979	Below Normal	32.69	36.44	20.57	21.60	16.07	15.79	15.28	25.61	49.33	56.44	37.09	21.51	348.42
1980	Above Normal	22.50	18.67	18.13	75.83	67.48	21.60	20.95	32.21	50.58	55.29	45.45	28.37	457.06
1981	Dry	25.25	35.54	19.52	19.47	14.26	15.79	16.70	38.33	65.26	67.03	46.75	23.03	386.93
1982	Wet	21.44	33.79	74.46	33.15	66.85	58.31	71.30	21.14	37.74	49.51	42.43	41.68	551.80
1983	Wet	43.96	30.83	58.58	75.51	63.84	69.26	60.38	55.00	64.64	66.42	64.49	55.23	708.14
1984	Wet	43.60	59.76	73.73	35.72	20.21	45.76	24.97	35.63	48.32	67.44	41.86	65.37	562.37
1985	Dry	21.53	21.71	26.82	21.60	14.26	15.79	27.16	42.68	54.50	61.04	50.54	25.45	383.08
1986	Wet	26.45	25.30	17.85	17.35	62.24	75.24	20.90	34.91	50.92	56.86	47.00	25.06	460.08
1987	Dry	21.03	32.62	19.10	15.79	14.26	15.79	32.86	42.48	64.78	67.92	43.20	27.11	396.94
1988	Critical	30.81	20.47	16.93	20.06	25.03	17.01	25.55	30.87	54.27	63.53	52.90	22.86	380.29
1989	Dry	26.97	15.28	16.82	15.79	14.26	15.79	15.28	42.27	43.49	62.07	40.13	15.28	323.43
1990	Critical	16.45	16.56	16.46	15.79	14.26	15.79	32.13	25.31	40.50	62.17	43.45	23.77	322.64
1991	Critical	21.85	17.11	15.79	15.79	14.26	15.79	15.28	29.16	37.15	49.85	33.62	17.36	283.01
1992	Critical	24.29	25.31	15.79	15.79	14.77	15.79	15.28	45.45	59.30	49.46	61.05	21.11	363.39
1993	Above Normal	32.11	23.33	15.79	15.79	14.26	15.79	20.90	32.57	44.82	59.23	42.49	44.30	361.38
1994	Critical	28.43	33.59	22.80	15.79	14.26	15.79	32.55	29.77	51.64	67.44	48.55	17.95	378.56
1995	Wet	24.73	19.02	15.79	64.09	31.05	68.02	34.86	55.95	41.18	52.70	58.49	50.26	516.14
1996	Wet	38.98	46.12	19.29	21.60	67.25	50.15	20.90	50.30	43.01	55.94	44.04	53.83	511.41
1997	Wet	35.72	40.74	73.62	71.01	19.51	21.60	34.06	42.91	49.61	63.86	41.55	57.89	552.08
1998	Wet	36.11	39.06	15.79	48.50	61.92	75.68	20.90	70.93	72.81	70.67	64.11	54.77	631.25
1999	Wet	43.86	48.55	51.79	35.73	67.01	59.32	20.90	43.20	45.09	60.86	45.60	55.08	576.99
2000	Above Normal	35.39	53.12	19.96	21.60	66.49	35.29	26.05	37.57	51.38	67.44	49.96	44.64	508.89
2001	Dry	31.54	41.30	20.67	15.79	14.26	15.79	24.83	43.21	63.85	66.39	42.05	23.61	403.29
2002	Dry	35.83	19.58	17.93	43.05	15.42	15.79	30.17	39.68	52.86	55.91	43.25	25.71	395.18
2003	Above Normal	32.57	24.35	46.18	66.71	19.51	16.66	40.43	60.87	46.11	72.18	43.84	41.56	510.97
	Average	28.66	28.90	28.51	31.20	32.15	31.79	30.17	37.02	47.87	59.55	47.39	35.99	439.19
	Wet	31.03	34.01	44.59	50.66	48.39	50.34	38.09	43.82	46.40	58.55	50.71	56.13	552.74
	Above Normal	29.80	30.71	25.81	35.05	43.93	37.38	27.81	36.95	50.26	64.61	48.24	38.50	469.04
	Below Normal	28.10	28.25	22.65	20.15	24.97	22.93	24.23	33.04	47.79	59.32	46.15	24.25	381.84
	Dry	26.58	24.68	18.94	18.78	16.45	18.08	26.05	33.91	49.79	60.51	44.58	24.65	363.00
	Critical	26.11	23.07	17.55	16.73	17.08	16.91	28.48	31.68	45.92	55.45	44.96	20.54	344.48

Difference in Energy generated (GWh) at Keswick Dam: Alternative4_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	(0.01)	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.02	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.01)	(0.02)	(0.01)	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.03	0.02	(0.01)	0.04	0.01
1925	Dry	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.01
1926	Dry	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	(0.05)	0.00	(0.04)	(0.01)	(0.01)
1927	Wet	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.03)	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.01	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00
1930	Dry	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.01	0.00	0.00
1931	Critical	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.04	0.02	0.02	0.03	0.02	0.01
1932	Dry	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.05	0.05	0.03	0.05	0.03	0.02
1933	Critical	0.02	0.03	0.00	0.00	0.00	0.00	0.02	0.06	0.05	0.03	0.04	0.05	0.02
1934	Critical	(0.34)	(0.28)	(0.30)	0.00	0.00	0.00	0.03	0.02	0.05	0.02	(0.37)	0.00	(0.10)
1935	Below Normal	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.05
1936	Below Normal	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.01	0.02	0.01
1937	Below Normal	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.02	(0.03)	0.01	0.02	0.01
1938	Wet	0.00	(0.33)	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.00	(0.02)
1939	Dry	(0.05)	0.03	0.38	0.00	(0.02)	0.00	(2.27)	0.21	0.21	0.00	(0.06)	(0.69)	(0.19)
1940	Above Normal	0.17	0.20	0.00	0.00	(0.07)	0.00	0.00	0.06	0.11	0.00	0.10	0.54	0.09
1941	Wet	0.04	1.07	2.41	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	0.00	0.00	0.29
1942	Wet	0.25	1.01	0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.01	(0.02)	0.01	0.11
1943	Wet	0.00	(0.10)	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.77)	(0.02)	0.47	(0.04)
1944	Dry	0.03	(0.45)	0.00	0.00	0.00	0.00	0.02	0.03	0.03	(0.05)	0.17	0.16	0.00
1945	Below Normal	0.02	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	(0.02)	(0.05)	(0.02)	0.00	(0.01)
1946	Below Normal	(0.05)	0.33	0.00	0.00	0.00	0.00	0.01	0.01	0.01	(0.32)	(0.20)	0.02	(0.02)
1947	Dry	0.21	0.02	0.00	0.01	0.00	0.00	0.02	0.02	0.08	0.01	0.37	(0.05)	0.06
1948	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.01)	0.00	0.01	(0.01)
1949	Dry	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.01	(0.01)	(0.01)	0.07	0.01
1950	Below Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00
1951	Above Normal	(0.02)	(0.07)	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	(0.01)
1952	Wet	0.01	0.01	0.02	0.00	0.00	0.02	0.00	0.00	0.01	0.00	0.00	(0.04)	0.00
1953	Wet	0.01	6.48	(6.54)	0.01	0.00	0.00	(0.04)	0.02	0.00	0.03	(0.02)	0.00	0.00
1954	Above Normal	(0.23)	(0.27)	0.00	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00
1955	Dry	0.11	0.11	0.00	0.00	0.12	0.00	(0.01)	(0.01)	0.00	(0.01)	(0.14)	(0.01)	0.01
1956	Wet	0.27	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1957	Above Normal	0.00	0.01	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.13)	(0.01)
1959	Below Normal	0.13	4.95	0.00	(5.14)	0.00	0.00	0.04	0.04	0.02	0.00	0.04	0.01	0.01
1960	Dry	0.10	(0.10)	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00	(0.01)	(0.03)	0.39	0.03
1961	Dry	(0.04)	0.00	(0.41)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.01)	(0.04)
1962	Below Normal	0.09	0.08	0.00	0.05	(0.12)	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
1963	Wet	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00
1964	Dry	0.01	(0.03)	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.01	0.00
1965	Wet	0.00	0.00	0.01	0.00	0.00	0.00	0.00	(0.06)	(0.08)	(0.01)	(0.05)	(0.03)	(0.02)
1966	Below Normal	0.01	(0.26)	0.00	0.00	0.00	0.47	0.00	0.01	0.01	0.00	0.03	(0.01)	0.02
1967	Wet	0.00	0.00	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.75	0.06
1968	Below Normal	0.02	6.15	0.23	0.00	(6.85)	0.00	0.02	0.01	0.01	0.00	0.00	0.01	(0.03)
1969	Wet	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
1970	Wet	0.31	(0.29)	(0.02)	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.44	0.04
1971	Wet	0.02	(0.13)	(0.24)	0.00	0.00	(0.10)	0.00	0.00	0.00	(0.04)	0.00	0.01	(0.04)
1972	Below Normal	0.00	0.03	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1973	Above Normal	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	0.10
1974	Wet	0.05	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1975	Wet	(0.01)	(0.38)	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1976	Critical	0.00	0.10	0.01	0.00	0.01	0.00	0.00	0.00	0.01	(0.10)	0.05	0.00	0.01
1977	Critical	0.07	0.01	0.00	0.00	(0.01)	0.00	0.00	0.03	0.03	0.02	(0.16)	0.01	0.00
1978	Above Normal	0.02	0.02	0.00	0.00	(0.02)	0.00	0.00	0.00	0.01	0.01	0.00	0.14	0.01
1979	Below Normal	0.16	9.43	0.43	0.00	0.00	0.00	0.00	(0.38)	(0.47)	(2.89)	(0.55)	(0.01)	0.48
1980	Above Normal	(1.55)	(4.27)	(0.15)	0.00	0.00	0.00	0.03	0.03	0.02	0.02	0.01	3.57	(0.19)
1981	Dry	0.23	(0.83)	0.00	0.00	0.00	0.00	0.00	(0.05)	0.00	0.29	(0.29)	0.43	(0.02)
1982	Wet	0.00	(2.18)	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01	(0.02)	(0.18)
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00
1985	Dry	0.01	(0.03)	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00
1986	Wet	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.01	0.52	0.00	0.00	0.00	0.00	0.00	(0.03)	0.00	0.00	0.63	(0.01)	0.09
1988	Critical	(0.02)	0.00	0.00	0.00	(0.10)	(0.02)	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)
1989	Dry	0.03	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.05)	(0.02)	(0.01)	0.00	(0.01)
1990	Critical	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	(3.66)	4.51	0.07
1991	Critical	0.29	(0.13)	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.07	0.04	0.00	0.03
1992	Critical	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.04	1.93	(2.31)	0.28	(0.10)	(0.01)
1993	Above Normal	(0.03)	0.02	0.00	0.00	0.00	0.00	0.00	(0.44)	0.00	(0.04)	(0.03)	(0.02)	(0.05)
1994	Critical	(0.02)	(0.10)	0.15	0.00	0.00	0.00	0.00	(0.03)	(0.04)	0.00	(0.04)	0.02	0.00
1995	Wet	0.07	0.03	0.00	(0.36)	0.00	0.00	0.00	0.00	0.00	(0.62)	0.00	0.00	(0.07)
1996	Wet	0.00	8.10	0.00	0.00	0.50	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.72
1997	Wet	(0.61)	(0.01)	(0.04)	0.00	0.00	0.00	0.01	0.01	0.01	(0.19)	0.00	0.02	(0.07)
1998	Wet	0.06	(0.06)	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	0.00
2000	Above Normal	0.05	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
2001	Dry	(0.02)	0.01	0.11	0.00	0.00	0.00	0.01	0.01	(0.02)	(0.01)	(0.04)	0.00	0.00
2002	Dry	(0.03)	0.00	0.00	(0.02)	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.16	0.01
2003	Above Normal	0.06	0.00	(0.24)	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	(0.02)	(0.01)
	Average	0.01	0.35	(0.05)	(0.06)	(0.08)	0.00	(0.02)	(0.00)	0.03	(0.08)	(0.05)	0.15	0.02
	Wet	0.02	0.51	(0.17)	(0.01)	0.02	(0.00)	(0.00)	(0.00)	0.00	(0.06)	(0.00)	0.06	0.03
	Above Normal	(0.13)	(0.36)	(0.03)	0.04	(0.01)	(0.00)	0.00	(0.03)	0.01	(0.00)	0.01	0.45	(0.00)
	Below Normal	0.06	1.48	0.05	(0.36)	(0.50)	0.03	0.01	(0.02)	(0.03)	(0.24)	(0.05)	0.01	0.04
	Dry	0.04	(0.04)	0.00	(0.00)	0.01	0.00	(0.12)	0.01	0.02	0.01	0.03	0.03	(0.00)
	Critical	0.00	(0.03)	(0.01)	0.00	(0.01)	(0.00)	0.01	0.02	0.18	(0.19)	(0.32)	0.38	0.00

Percent Difference in Energy generated (GWh) at Keswick Dam: Alternative4_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	-1%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1935	Below Normal	4%	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%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	2%	0%	0%	0%	-6%	1%	0%	0%	0%	-2%
1940	Above Normal	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1941	Wet	0%	4%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	1%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	1%
1944	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	1%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1947	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	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%	18%	-25%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	-1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	1%	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%	11%	0%	-16%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1961	Dry	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1968	Below Normal	0%	19%	1%	0%	-12%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1971	Wet	0%	-1%	-1%	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%	3%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1979	Below Normal	0%	35%	2%	0%	0%	0%	0%	-1%	-1%	-5%	-1%	0%
1980	Above Normal	-6%	-19%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	14%
1981	Dry	1%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	2%
1982	Wet	0%	-6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	1%	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%	-8%	23%
1991	Critical	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	3%	-4%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%
1994	Critical	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	0%	-1%	0%	0%
1996	Wet	0%	21%	0%	0%	1%	0%	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%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
	Wet	0%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	-1%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
	Below Normal	0%	5%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	2%

Energy generated (GWh) at Lewiston Dam: 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Energy generated (GWh) at Lewiston Dam: Alternative4_2020

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

Difference in Energy generated (GWh) at Lewiston Dam: Alternative4_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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Percent Difference in Energy generated (GWh) at Lewiston Dam: Alternative4_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%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Energy generated (GWh) at New Melones Dam: CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	34.77	12.25	10.06	10.65	0.56	47.65	72.09	86.47	79.83	66.62	61.05	39.30	521.30
1923	Below Normal	35.83	11.15	5.22	33.91	30.52	67.49	68.66	91.15	79.40	65.57	60.02	33.50	582.42
1924	Critical	31.04	13.87	10.63	11.21	13.46	31.37	53.12	50.75	36.06	35.45	33.66	21.81	342.43
1925	Dry	20.33	9.10	8.85	9.64	2.08	14.97	61.98	70.25	56.52	58.85	55.05	34.65	402.27
1926	Dry	35.19	14.05	10.77	11.13	7.06	25.74	47.81	66.88	45.46	46.65	45.09	27.75	383.58
1927	Wet	27.88	7.50	9.05	8.85	2.25	16.04	65.77	88.08	76.88	58.10	54.26	32.59	447.25
1928	Above Normal	22.62	10.29	10.32	11.11	9.16	10.84	80.14	87.77	55.19	55.16	52.07	30.48	435.15
1929	Critical	32.22	9.88	10.11	10.60	9.32	19.36	49.38	61.28	35.09	41.65	40.23	24.46	343.58
1930	Dry	27.60	14.22	11.59	8.37	8.19	13.80	55.12	57.39	42.23	43.16	40.46	24.73	346.86
1931	Critical	21.98	7.59	10.27	7.80	7.77	20.33	53.03	50.22	32.18	34.17	31.65	20.26	297.25
1932	Dry	23.21	7.45	4.80	6.52	3.29	16.65	45.49	51.83	40.73	43.57	42.36	26.12	312.02
1933	Critical	25.71	12.93	10.90	8.04	8.08	17.00	45.52	46.40	36.73	38.82	37.20	23.16	310.49
1934	Critical	19.45	11.39	6.23	6.48	5.51	15.98	50.27	51.66	28.84	32.41	29.61	17.08	274.91
1935	Below Normal	18.63	6.47	6.43	4.77	6.44	6.20	17.76	44.09	38.93	41.57	39.98	25.52	256.79
1936	Below Normal	15.69	8.90	7.98	6.00	0.00	11.81	41.81	51.77	47.85	46.19	45.13	28.13	311.26
1937	Below Normal	24.20	14.86	8.92	8.50	0.49	3.69	59.05	75.80	48.27	48.20	46.71	30.48	369.17
1938	Wet	31.36	9.99	7.71	9.14	0.00	41.62	77.62	96.58	85.93	71.75	70.27	82.03	584.00
1939	Dry	32.62	19.46	14.43	15.79	14.21	17.01	95.58	88.11	56.47	56.42	52.92	24.42	487.44
1940	Above Normal	33.63	17.08	10.92	7.10	6.01	44.98	67.98	91.83	78.69	64.12	58.66	37.78	518.78
1941	Wet	35.96	17.18	9.54	9.67	6.79	46.37	57.72	87.54	79.37	65.69	60.15	38.76	514.74
1942	Wet	34.33	15.63	10.05	5.41	7.67	57.62	67.73	87.68	85.94	72.79	65.92	47.54	558.31
1943	Wet	39.97	13.60	23.08	77.24	57.08	99.42	81.49	101.27	85.80	70.64	64.12	42.32	756.03
1944	Dry	38.49	18.57	14.42	15.44	13.30	19.71	82.03	90.16	56.82	57.47	53.76	29.19	489.36
1945	Below Normal	24.98	9.85	10.28	11.18	4.53	46.65	78.72	89.21	75.95	63.08	57.78	35.70	507.91
1946	Below Normal	23.77	10.73	7.24	10.29	10.62	52.70	82.40	86.40	77.16	62.55	57.49	36.87	518.22
1947	Dry	32.08	13.08	10.31	11.28	13.18	35.63	60.03	62.24	39.60	42.77	41.47	25.83	387.50
1948	Below Normal	17.90	9.18	9.30	9.88	22.97	15.43	48.52	57.52	44.78	48.03	46.54	29.79	359.84
1949	Dry	22.46	14.60	9.00	9.49	10.80	15.70	59.63	59.13	42.37	44.61	43.14	28.19	359.12
1950	Below Normal	29.27	14.41	8.95	6.65	5.75	15.76	56.10	66.16	44.42	47.17	45.70	22.71	363.05
1951	Above Normal	18.37	3.33	1.70	13.25	51.77	56.76	81.35	98.58	78.01	63.57	58.56	37.90	563.15
1952	Wet	32.57	10.96	7.52	1.11	8.63	54.38	80.21	104.31	91.55	124.43	106.42	77.64	699.73
1953	Wet	42.08	14.29	13.38	26.38	28.56	66.41	89.61	91.55	72.72	61.95	56.21	34.57	597.71
1954	Above Normal	34.37	14.75	10.86	11.04	16.67	22.32	90.73	86.59	52.69	54.11	50.59	31.08	475.80
1955	Dry	37.05	10.64	9.47	7.93	15.12	21.99	43.94	61.00	49.51	48.20	46.21	28.74	379.80
1956	Wet	30.06	9.11	2.46	0.00	7.91	64.22	77.72	86.29	79.21	64.94	59.60	36.09	517.61
1957	Above Normal	34.93	17.93	11.32	11.81	10.37	63.10	90.11	82.69	74.29	61.41	56.18	31.94	546.08
1958	Wet	24.83	16.13	10.72	9.66	3.90	41.67	39.83	81.24	80.51	68.42	62.44	63.80	503.15
1959	Below Normal	40.93	17.83	11.59	12.11	32.44	24.16	96.03	91.56	56.11	56.88	52.95	18.54	511.13
1960	Dry	31.64	16.10	10.63	10.90	8.48	28.50	55.20	60.39	40.43	42.28	40.89	24.69	370.13
1961	Dry	24.82	8.13	8.05	8.65	8.25	19.16	49.55	49.47	35.64	37.71	35.21	22.85	307.49
1962	Below Normal	27.71	8.37	8.49	8.93	2.40	13.45	47.51	59.51	41.74	44.20	42.72	26.08	331.11
1963	Wet	23.25	11.69	8.44	8.07	11.95	17.21	32.39	68.77	44.46	47.53	46.16	27.55	347.47
1964	Dry	17.34	8.21	8.91	8.02	11.55	29.40	59.00	59.74	39.67	43.51	42.28	26.47	354.10
1965	Wet	18.85	8.23	11.12	2.46	8.75	57.71	68.83	93.22	76.12	62.47	51.94	36.34	496.04
1966	Below Normal	36.57	10.23	9.60	10.20	9.51	22.45	77.37	82.25	48.05	47.29	45.93	26.45	425.90
1967	Wet	34.14	9.14	7.02	4.68	29.86	48.79	50.24	85.31	74.49	67.04	61.58	39.60	511.89
1968	Below Normal	38.50	11.30	11.32	11.51	11.43	13.73	89.24	93.37	57.38	57.59	51.98	29.93	477.28
1969	Wet	29.71	10.82	9.58	0.00	2.74	59.46	84.06	117.18	157.84	113.34	101.95	70.20	756.88
1970	Wet	34.39	14.33	34.37	135.12	66.73	57.01	86.05	102.15	77.44	63.48	58.24	33.86	763.17
1971	Wet	34.25	10.10	6.25	9.81	10.93	60.24	81.53	94.22	76.12	62.10	57.08	33.87	536.50
1972	Below Normal	32.62	11.74	9.03	10.96	15.25	37.30	80.59	77.52	46.35	46.16	44.17	27.46	439.15
1973	Above Normal	28.06	9.43	9.29	3.74	2.11	7.34	70.10	87.01	66.98	58.54	54.70	34.71	432.01
1974	Wet	21.97	9.08	7.64	7.92	10.50	48.87	66.73	92.32	78.79	61.12	61.27	39.39	505.60
1975	Wet	29.50	13.73	11.44	11.85	9.13	45.98	75.90	104.02	80.40	66.33	55.68	37.07	541.03
1976	Critical	26.59	14.84	11.16	11.76	14.90	41.81	78.12	76.41	44.53	44.26	37.55	25.19	427.12
1977	Critical	24.82	9.25	9.00	9.67	16.72	32.19	45.49	39.80	27.40	29.08	28.62	17.38	289.42
1978	Above Normal	25.70	8.99	8.46	3.71	4.97	10.46	49.69	75.89	51.41	52.08	49.80	27.28	368.44
1979	Below Normal	35.64	9.72	9.87	8.49	4.51	11.14	72.91	90.05	80.97	56.81	54.10	34.49	468.70
1980	Above Normal	27.91	10.61	11.22	4.79	3.37	57.59	89.08	99.57	84.62	65.21	63.54	41.91	559.42
1981	Dry	41.46	20.99	14.37	14.01	14.54	12.74	83.69	91.61	56.36	56.27	52.71	29.02	487.77
1982	Wet	26.48	9.73	8.50	2.13	67.58	94.48	81.67	102.23	86.83	108.28	107.86	92.84	788.61
1983	Wet	53.82	72.74	83.35	113.10	123.44	161.68	70.49	92.33	201.29	197.32	127.20	93.29	1,390.05
1984	Wet	41.05	94.36	137.80	72.52	62.34	62.27	86.76	98.87	76.39	61.94	57.08	34.85	886.23
1985	Dry	24.09	10.26	10.77	11.78	9.84	17.47	80.02	89.44	55.25	57.66	53.02	33.17	452.77
1986	Wet	29.73	10.16	10.44	10.31	0.00	146.82	83.05	99.69	85.49	70.35	63.70	40.04	649.78
1987	Dry	34.00	19.82	14.13	15.46	14.00	12.18	79.55	80.16	48.24	47.57	45.18	29.05	439.34
1988	Critical	25.78	9.58	9.02	9.39	12.28	24.13	43.54	49.57	34.15	35.90	35.01	22.68	311.03
1989	Dry	28.21	8.59	8.59	9.03	11.65	16.47	55.78	57.91	40.15	42.07	40.18	18.60	337.23
1990	Critical	18.40	9.06	7.71	7.96	8.50	24.58	46.05	37.31	33.90	34.84	33.56	21.47	283.34
1991	Critical	15.63	11.31	7.50	7.83	11.91	6.71	35.47	43.59	31.61	33.35	30.46	19.01	254.38
1992	Critical	15.03	9.58	6.14	6.23	3.88	7.19	30.74	37.84	25.76	15.10	10.19	9.47	177.15
1993	Above Normal	5.23	3.77	9.73	2.98	3.98	6.11	31.13	45.18	37.51	42.21	40.79	25.27	253.89
1994	Critical	20.41	7.72	7.89	8.23	7.31	26.86	38.86	36.91	35.04	36.51	33.41	21.15	280.30
1995	Wet	19.87	7.15	7.15	0.00	12.81	0.00	55.19	64.89	52.49	59.27	56.21	35.77	370.80
1996	Wet	38.34	17.43	10.73	7.80	5.56	53.44	75.75	77.22	81.19	68.12	62.00	39.81	537.39
1997	Wet	28.82	10.92	96.24	220.99	160.91	68.66	90.70	92.92	75.87	61.84	56.53	36.86	1,001.26
1998	Wet	38.24	11.12	11.06	5.66	14.30	58.19	79.24	69.60	84.21	140.10	123.73	94.23	729.68
1999	Wet	41.30	17.92	26.37	47.12	86.93	57.24	80.52	97.73	93.35	64.40	59.25	37.12	709.25
2000	Above Normal	39.99	16.68	11.50	8.97	1.83	55.06	72.32	78.77	71.82	65.27	59.07	37.97	519.25
2001	Dry	22.39	12.71	11.37	8.87	1.92	9.44	70.32	83.02	53.03	53.54	50.34	31.50	408.45
2002	Dry	33.51	9.67	9.99	10.49	18.42	18.75	55.19	66.78	50.15	45.84	44.18	27.27	390.24
2003	Above Normal	29.09	8.85	7.81	8.04	20.15	18.31	48.12	63.68	49.96	46.57	44.00	29.39	373.97
	Average	29.06	13.47	13.60	16.53	17.08	35.87	65.31	76.16	61.69	57.80	53.08	34.44	474.10
	Wet	32.41	17.42	22.35	31.04	31.05	60.99	72.57	91.43	86.18	78.22	69.49	49.16	642.31
	Above Normal	27.89	11.16	9.43	8.10	10.91	33.38	70.24	82.00	65.08	57.91	54.08	33.75	463.94
	Below Normal	28.73	11.05	8.87	10.96	11.20	24.43	65.48	75.45	56.24	52.24	49.37	28.98	423.00
	Dry	29.25	13.09	10.58	10.71	10.33	19.18	63.33	69.20	47.15	48.23	45.80	27.35	394.19
	Critical	23.09	10.58	8.88	8.77	9.97	22.29	47.47	48.48	33.44	34.30	31.76	20.26	299.28

Energy generated (GWh) at New Melones Dam: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	34.77	12.25	10.06	10.65	0.56	47.65	72.09	86.47	79.83	66.62	61.05	39.30	521.30
1923	Below Normal	35.83	11.15	5.22	33.91	30.52	67.49	68.66	91.15	79.40	65.57	60.02	33.50	582.42
1924	Critical	31.03	13.87	10.63	11.21	13.46	31.37	53.12	50.75	36.06	35.45	33.66	21.81	342.42
1925	Dry	20.33	9.10	8.85	9.64	2.08	14.97	61.98	70.25	56.52	58.85	55.05	34.65	402.27
1926	Dry	35.19	14.05	10.77	11.13	7.06	25.74	47.81	66.88	45.46	46.65	45.09	27.75	383.58
1927	Wet	27.88	7.50	9.05	8.85	2.25	16.04	65.77	88.08	76.88	58.10	54.26	32.59	447.25
1928	Above Normal	22.62	10.29	10.32	11.11	9.16	10.84	80.14	87.77	55.19	55.16	52.07	30.48	435.15
1929	Critical	32.22	9.88	10.11	10.60	9.32	19.36	49.38	61.28	35.09	41.65	40.23	24.46	343.58
1930	Dry	27.60	14.22	11.59	8.37	8.19	13.80	55.12	57.39	42.23	43.16	40.46	24.73	346.86
1931	Critical	21.98	7.59	10.27	7.80	7.77	20.33	53.03	50.22	32.18	34.17	31.65	20.26	297.25
1932	Dry	23.21	7.45	4.80	6.52	3.29	16.65	45.49	51.83	40.73	43.57	42.36	26.12	312.02
1933	Critical	25.71	12.93	10.90	8.04	8.08	17.00	45.52	46.40	36.73	38.82	37.20	23.16	310.49
1934	Critical	19.45	11.39	6.23	6.48	5.51	15.98	50.27	51.66	28.84	32.41	29.61	17.08	274.91
1935	Below Normal	18.63	6.47	6.43	4.77	6.44	6.20	17.76	44.09	38.93	41.57	39.98	25.52	256.79
1936	Below Normal	15.69	8.90	7.98	6.00	0.00	11.81	41.81	51.77	47.85	46.19	45.13	28.13	311.26
1937	Below Normal	24.20	14.86	8.92	8.50	0.49	3.69	59.05	75.80	48.27	48.20	46.71	30.48	369.17
1938	Wet	31.36	9.99	7.71	9.14	0.00	41.62	77.62	96.58	85.93	71.75	70.27	82.03	584.00
1939	Dry	32.62	19.46	14.43	15.79	14.21	17.01	95.59	88.09	56.47	56.42	52.92	24.42	487.43
1940	Above Normal	33.63	17.08	10.92	7.10	6.01	44.98	67.98	91.83	78.69	64.12	58.66	37.78	518.78
1941	Wet	35.96	17.18	9.54	9.67	6.79	46.37	57.72	87.54	79.37	65.69	60.15	38.76	514.74
1942	Wet	34.33	15.63	10.05	5.41	7.67	57.62	67.73	87.68	85.94	72.79	65.92	47.54	558.31
1943	Wet	39.97	13.60	23.08	77.24	57.08	99.42	81.49	101.27	85.80	70.64	64.12	42.32	756.03
1944	Dry	38.49	18.57	14.42	15.44	13.30	19.71	82.02	90.16	56.82	57.47	53.76	29.19	489.35
1945	Below Normal	24.98	9.85	10.28	11.18	4.53	46.65	78.72	89.21	75.95	63.08	57.78	35.70	507.91
1946	Below Normal	23.77	10.73	7.24	10.29	10.62	52.70	82.40	86.40	77.16	62.55	57.49	36.87	518.22
1947	Dry	32.08	13.08	10.31	11.28	13.18	35.63	60.03	62.23	39.60	42.77	41.47	25.84	387.50
1948	Below Normal	17.90	9.18	9.30	9.88	22.97	15.43	48.52	57.52	44.78	48.03	46.54	29.79	359.84
1949	Dry	22.46	14.60	9.00	9.49	10.80	15.70	59.63	59.13	42.37	44.61	43.14	28.19	359.12
1950	Below Normal	29.27	14.41	8.95	6.65	5.75	15.76	56.10	66.16	44.42	47.17	45.70	22.71	363.05
1951	Above Normal	18.37	3.33	1.70	13.25	51.77	56.76	81.35	98.58	78.01	63.57	58.56	37.90	563.15
1952	Wet	32.57	10.96	7.52	1.11	8.63	54.38	80.21	101.31	94.69	124.43	106.42	77.64	699.87
1953	Wet	42.08	14.29	13.38	26.38	28.56	66.41	89.61	91.55	72.72	61.95	56.21	34.57	597.71
1954	Above Normal	34.37	14.75	10.86	11.04	16.67	22.32	90.73	86.59	52.69	54.11	50.59	31.08	475.80
1955	Dry	37.05	10.64	9.47	7.93	15.12	21.99	43.94	61.00	49.51	48.20	46.21	28.74	379.80
1956	Wet	30.06	9.11	2.46	0.00	7.91	64.22	77.72	86.29	79.21	64.94	59.60	36.09	517.61
1957	Above Normal	34.93	17.93	11.32	11.81	10.37	63.10	90.11	82.69	74.29	61.41	56.18	31.94	546.08
1958	Wet	24.83	16.13	10.72	9.66	3.90	41.67	39.83	79.67	80.54	68.44	62.46	65.40	503.25
1959	Below Normal	40.93	17.83	11.59	12.11	32.44	24.16	96.03	91.56	56.11	56.88	52.95	18.54	511.13
1960	Dry	31.64	16.10	10.63	10.90	8.48	28.50	55.20	60.39	40.43	42.28	40.89	24.69	370.13
1961	Dry	24.82	8.13	8.05	8.65	8.25	19.16	49.55	49.47	35.64	37.71	35.21	22.85	307.49
1962	Below Normal	27.71	8.37	8.49	8.93	2.40	13.45	47.51	59.51	41.74	44.20	42.72	26.08	331.11
1963	Wet	23.25	11.69	8.44	8.07	11.95	17.21	32.39	68.77	44.46	47.53	46.16	27.55	347.47
1964	Dry	17.34	8.21	8.91	8.02	11.55	29.40	59.00	59.74	39.67	43.51	42.28	26.47	354.10
1965	Wet	18.85	8.23	11.12	2.46	8.75	57.71	68.83	93.22	76.12	62.47	51.94	36.34	496.04
1966	Below Normal	36.57	10.23	9.60	10.20	9.51	22.45	77.37	82.25	48.05	47.29	45.93	26.45	425.90
1967	Wet	34.14	9.14	7.02	4.68	29.86	48.79	50.24	83.82	74.52	67.06	61.60	39.62	510.49
1968	Below Normal	38.52	11.31	11.32	11.51	11.44	13.73	89.29	93.45	57.45	57.67	52.05	29.96	477.70
1969	Wet	29.73	10.82	9.59	0.00	4.01	59.46	84.06	117.18	157.84	113.34	101.95	70.20	758.18
1970	Wet	34.39	14.33	34.37	135.12	66.73	57.01	86.05	102.15	77.44	63.48	58.24	33.86	763.17
1971	Wet	34.25	10.10	6.25	9.81	10.93	60.24	81.53	94.22	76.12	62.10	57.08	33.87	536.50
1972	Below Normal	32.62	11.74	9.03	10.96	15.25	37.30	80.59	77.52	46.35	46.16	44.17	27.46	439.15
1973	Above Normal	28.06	9.43	9.29	3.74	2.11	7.34	70.10	87.01	66.98	58.54	54.70	34.71	432.01
1974	Wet	21.97	9.08	7.64	7.92	10.50	48.87	66.73	92.32	78.79	61.12	61.27	39.39	505.60
1975	Wet	29.50	13.73	11.44	11.85	9.13	45.98	75.90	104.02	80.40	66.33	55.68	37.07	541.03
1976	Critical	26.59	14.84	11.16	11.76	14.90	41.81	78.12	76.41	44.53	44.26	37.55	25.19	427.12
1977	Critical	24.82	9.25	9.00	9.67	16.72	32.19	45.49	39.80	27.40	29.08	28.62	17.38	289.42
1978	Above Normal	25.70	8.99	8.46	3.71	4.97	10.46	49.69	75.89	51.41	52.08	49.80	27.28	368.44
1979	Below Normal	35.64	9.72	9.87	8.49	4.51	11.14	72.91	90.05	80.97	56.81	54.10	34.49	468.70
1980	Above Normal	27.91	10.61	11.22	4.79	3.37	57.59	89.08	99.57	84.62	65.21	63.54	41.91	559.42
1981	Dry	41.46	20.99	14.37	14.01	14.54	12.74	83.69	91.61	56.36	56.27	52.71	29.02	487.77
1982	Wet	26.48	9.73	8.50	2.13	67.58	94.48	81.67	102.23	86.83	108.28	107.86	92.84	788.61
1983	Wet	53.82	72.74	83.35	113.10	123.44	161.68	70.49	92.33	201.29	197.32	127.20	93.29	1,390.05
1984	Wet	41.05	94.36	137.80	72.52	62.34	62.27	86.76	98.87	76.39	61.94	57.08	34.85	886.23
1985	Dry	24.09	10.26	10.77	11.78	9.84	17.47	80.02	89.44	55.25	57.66	53.02	33.17	452.77
1986	Wet	29.73	10.16	10.44	10.31	0.00	146.82	83.05	99.69	85.49	70.35	63.70	40.04	649.78
1987	Dry	34.00	19.82	14.13	15.46	14.00	12.18	79.55	80.16	48.24	47.57	45.18	29.05	439.34
1988	Critical	25.78	9.58	9.02	9.39	12.28	24.13	43.54	49.57	34.15	35.90	35.01	22.68	311.03
1989	Dry	28.21	8.59	8.59	9.03	11.65	16.47	55.78	57.91	40.15	42.07	40.18	18.60	337.23
1990	Critical	18.40	9.06	7.71	7.96	8.50	24.58	46.05	37.31	33.90	34.84	33.56	21.47	283.34
1991	Critical	15.63	11.31	7.50	7.83	11.91	6.71	35.47	43.59	31.61	33.35	30.46	19.01	254.38
1992	Critical	15.03	9.58	6.14	6.23	3.88	7.19	30.74	37.84	25.76	15.10	10.19	9.47	177.15
1993	Above Normal	5.23	3.77	9.73	2.98	3.98	6.11	31.13	45.18	37.51	42.21	40.79	25.27	253.89
1994	Critical	20.41	7.72	7.89	8.23	7.31	26.86	38.86	36.91	35.04	36.52	33.41	21.15	280.31
1995	Wet	19.87	7.15	7.15	0.00	12.81	0.00	55.19	64.89	52.49	59.27	56.21	35.77	370.80
1996	Wet	38.34	17.43	10.73	7.80	5.56	53.44	75.75	77.22	81.19	68.12	62.00	39.81	537.39
1997	Wet	28.82	10.92	96.23	220.99	160.91	68.66	90.70	92.92	75.87	61.84	56.53	36.86	1,001.25
1998	Wet	38.24	11.12	11.06	5.66	14.30	58.19	79.24	69.60	84.21	140.10	123.73	94.23	729.68
1999	Wet	41.30	17.92	26.37	47.12	86.93	57.24	80.52	97.73	93.35	64.40	59.25	37.12	709.25
2000	Above Normal	39.99	16.68	11.50	8.97	1.83	55.06	72.32	78.77	71.82	65.27	59.07	37.97	519.25
2001	Dry	22.39	12.71	11.37	8.87	1.92	9.44	70.32	83.02	53.03	53.54	50.34	31.50	408.45
2002	Dry	33.51	9.67	9.99	10.49	18.42	18.75	55.19	66.78	50.15	45.84	44.18	27.27	390.24
2003	Above Normal	29.09	8.85	7.81	8.04	20.15	18.31	48.12	63.68	49.96	46.57	44.00	29.39	373.97
	Average	29.06	13.47	13.60	16.53	17.10	35.87	65.32	76.08	61.73	57.80	53.08	34.46	474.11
	Wet	32.41	17.42	22.35	31.04	31.10	60.99	72.57	91.20	86.30	78.22	69.50	49.22	642.32
	Above Normal	27.89	11.16	9.43	8.10	10.91	33.38	70.24	82.00	65.08	57.91	54.08	33.75	463.94
	Below Normal	28.73	11.05	8.87	10.96	11.21	24.43	65.48	75.46	56.25	52.24	49.38	28.98	423.03
	Dry	29.25	13.09	10.58	10.71	10.33	19.18	63.33	69.19	47.15	48.23	45.80	27.35	394.19
	Critical	23.09	10.58	8.88	8.77	9.97	22.29	47.47	48.48	33.44	34.30	31.76	20.26	299.28

Difference in Energy generated (GWh) at New Melones Dam: Alternative4_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	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.02)	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	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.01	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(3.00)	3.14	0.00	0.00	0.00	0.01
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.57)	0.03	0.02	0.02	1.60	0.01
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	(1.49)	0.03	0.02	0.02	0.02	(0.12)
1968	Below Normal	0.02	0.01	0.00	0.00	0.01	0.00	0.05	0.08	0.07	0.08	0.07	0.03	0.04
1969	Wet	0.02	0.00	0.01	0.00	1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	0.00	0.00	0.00	0.02	0.00	0.00	(0.07)	0.04	0.00	0.00	0.02	0.00
	Wet	0.00	0.00	0.00	0.00	0.05	0.00	0.00	(0.23)	0.12	0.00	0.00	0.06	0.00
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00
	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00
	Critical	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Percent Difference in Energy generated (GWh) at New Melones Dam: Alternative4_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%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	-3%	3%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	3%
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%	-2%	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%	46%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Energy generated (GWh) at Nimbus Dam: CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	3.19	4.73	4.26	3.62	9.38	7.04	8.65	11.58	11.21	5.31	7.84	10.24	87.05
1923	Below Normal	3.89	5.55	11.58	9.47	8.67	3.94	5.95	9.15	5.55	10.58	4.06	6.96	85.35
1924	Critical	6.25	3.96	4.26	3.62	2.88	1.71	1.65	1.71	1.13	1.16	1.16	1.12	30.61
1925	Dry	1.68	1.64	1.71	1.71	10.44	4.67	9.67	9.16	7.52	10.58	7.98	3.34	70.10
1926	Dry	3.19	3.96	4.26	3.62	2.86	1.71	6.90	3.24	6.78	5.51	3.80	1.70	47.53
1927	Wet	3.19	3.20	3.35	7.42	9.68	9.47	11.40	9.52	10.49	9.86	4.34	6.90	88.82
1928	Above Normal	4.18	9.44	4.26	3.73	3.49	11.06	9.55	3.73	5.77	10.58	5.03	4.45	75.27
1929	Critical	3.19	3.44	3.66	3.11	2.39	2.67	2.61	2.82	3.26	3.37	3.37	3.11	37.00
1930	Dry	2.20	2.11	2.20	2.21	2.00	5.51	3.61	3.73	6.31	8.25	4.02	3.16	45.31
1931	Critical	4.48	3.47	3.70	3.11	2.39	1.78	1.74	1.80	1.49	1.73	1.57	3.72	30.98
1932	Dry	3.57	1.65	1.69	1.69	4.89	4.31	3.61	7.14	9.77	6.96	6.72	8.00	60.00
1933	Critical	4.46	5.41	4.26	3.62	2.78	3.08	3.46	3.08	7.30	8.21	3.70	3.11	52.47
1934	Critical	1.68	2.92	1.71	1.71	1.54	1.13	5.21	6.36	8.45	1.67	3.44	1.29	37.11
1935	Below Normal	1.82	1.59	1.68	1.69	1.66	3.73	11.52	8.46	8.55	10.58	3.73	6.54	61.55
1936	Below Normal	5.81	3.96	4.26	10.96	10.01	8.89	10.72	8.15	9.52	10.58	3.73	7.64	94.23
1937	Below Normal	5.83	3.96	4.26	3.62	5.27	9.30	8.58	7.86	4.24	10.58	3.73	7.67	74.90
1938	Wet	3.19	4.14	11.87	5.91	10.37	11.25	11.38	11.54	11.27	6.68	8.60	9.99	106.19
1939	Dry	3.19	4.61	4.26	3.62	2.78	1.71	1.65	2.92	3.05	6.11	2.15	1.65	37.70
1940	Above Normal	2.91	2.82	2.91	6.01	10.61	11.33	11.52	6.23	3.61	10.58	5.27	10.24	84.04
1941	Wet	3.65	5.54	3.89	10.48	10.60	10.20	7.42	10.15	6.29	4.66	8.21	10.24	91.33
1942	Wet	3.28	6.17	8.99	11.57	10.33	5.10	11.52	11.89	11.45	6.42	8.54	10.02	105.28
1943	Wet	3.38	10.05	6.88	11.29	10.67	11.04	10.40	4.95	5.77	10.55	3.73	10.24	98.95
1944	Dry	4.57	5.55	4.22	3.59	2.88	3.08	2.98	3.08	5.74	6.17	4.98	3.38	50.22
1945	Below Normal	3.19	3.29	3.47	3.47	10.62	4.28	4.25	6.94	5.09	10.58	5.30	5.78	66.26
1946	Below Normal	5.54	5.83	11.62	10.76	4.89	6.36	6.93	7.24	3.65	10.58	5.72	3.85	82.97
1947	Dry	5.94	3.96	4.26	3.62	2.87	5.06	2.31	2.38	6.50	6.28	4.29	3.30	50.77
1948	Below Normal	3.19	3.15	3.27	2.78	2.22	3.73	3.61	6.79	9.90	7.16	5.44	7.96	59.20
1949	Dry	3.38	4.46	4.26	3.62	2.78	5.72	6.47	4.74	3.85	10.06	7.04	4.44	60.82
1950	Below Normal	3.19	3.96	4.26	3.74	10.49	6.61	9.31	8.17	7.92	10.58	3.73	7.19	79.15
1951	Above Normal	5.91	9.76	9.86	11.41	10.59	7.94	6.03	7.04	3.61	10.58	4.63	8.31	95.67
1952	Wet	3.19	5.28	9.04	11.61	10.78	11.90	11.29	11.22	11.02	8.73	9.53	8.91	112.50
1953	Wet	3.27	7.35	4.26	11.85	4.38	3.73	5.01	5.56	11.52	8.45	7.29	8.23	80.90
1954	Above Normal	4.32	6.14	4.26	3.62	5.52	9.36	8.53	3.73	3.61	10.58	3.73	3.16	66.56
1955	Dry	3.19	3.96	4.26	3.62	3.71	3.08	2.98	3.08	3.61	6.09	5.34	3.16	46.08
1956	Wet	3.19	3.95	9.95	10.15	11.13	3.99	5.75	11.87	11.52	6.03	8.61	9.66	95.80
1957	Above Normal	3.86	6.76	4.26	3.62	2.94	9.49	3.61	5.56	5.45	10.58	5.81	5.47	67.41
1958	Wet	3.19	3.96	4.26	5.45	10.32	11.87	11.03	11.47	11.41	5.90	8.74	8.53	96.13
1959	Below Normal	3.19	6.58	4.26	3.62	3.56	1.73	1.65	1.71	2.95	10.58	1.95	1.65	43.43
1960	Dry	3.19	3.27	3.43	2.92	2.34	6.36	4.11	3.17	3.03	4.33	5.15	3.34	44.64
1961	Dry	3.19	3.96	4.26	3.62	2.78	1.82	1.76	1.82	1.77	6.78	1.82	1.76	35.34
1962	Below Normal	2.11	2.02	2.11	1.79	4.70	4.20	7.57	3.87	3.61	10.58	6.31	3.92	52.79
1963	Wet	7.18	8.71	7.05	8.50	10.08	3.73	11.49	11.85	6.07	9.44	3.73	7.00	94.83
1964	Dry	4.83	8.77	4.26	5.22	3.49	3.62	3.50	3.62	3.61	7.23	5.12	3.30	56.57
1965	Wet	3.19	3.47	8.88	10.81	10.16	3.73	11.12	7.46	7.01	10.55	3.73	10.24	90.35
1966	Below Normal	5.66	4.29	4.26	3.73	3.36	1.71	2.88	1.71	2.41	10.42	2.31	1.66	44.40
1967	Wet	3.19	3.50	5.46	11.86	8.46	11.90	8.10	11.71	11.02	7.94	8.63	9.63	101.40
1968	Below Normal	3.19	6.67	4.36	3.62	11.10	4.28	2.46	2.55	2.42	10.58	2.50	2.42	56.15
1969	Wet	3.19	3.42	3.66	10.37	10.43	7.31	11.51	11.60	11.51	5.55	8.34	10.01	96.90
1970	Wet	3.19	5.52	10.63	8.83	10.75	5.33	3.61	3.73	3.61	10.58	4.07	7.91	77.76
1971	Wet	3.17	3.25	9.17	9.95	6.49	8.34	4.70	7.20	9.79	7.84	6.02	8.85	84.77
1972	Below Normal	3.19	6.52	4.26	4.03	6.04	8.67	3.61	3.73	3.63	10.58	4.03	3.16	61.45
1973	Above Normal	3.19	3.96	5.78	11.55	10.68	7.29	4.43	8.62	6.48	9.88	3.73	6.19	81.78
1974	Wet	3.19	11.50	11.82	11.12	8.30	11.60	11.51	9.75	8.14	6.53	8.68	8.81	110.95
1975	Wet	3.19	7.02	4.26	3.62	4.81	9.69	4.04	10.44	11.52	6.29	7.61	8.69	81.18
1976	Critical	3.19	9.03	4.26	3.62	2.88	1.71	1.65	1.71	1.75	2.16	1.71	1.65	35.32
1977	Critical	1.71	1.65	1.71	1.69	1.52	1.14	0.74	0.64	0.73	0.76	2.86	0.80	15.95
1978	Above Normal	0.99	0.99	1.09	3.90	8.78	11.71	8.52	7.62	8.21	10.08	3.73	7.55	73.17
1979	Below Normal	3.22	4.68	4.26	3.62	6.56	7.25	3.61	8.70	8.05	7.46	3.73	3.16	64.30
1980	Above Normal	4.35	4.62	4.80	9.59	10.07	7.79	5.79	5.84	6.17	5.76	8.52	10.19	83.49
1981	Dry	3.19	6.09	4.26	3.73	3.36	1.71	1.65	1.71	2.66	6.94	2.17	1.65	39.12
1982	Wet	3.19	9.63	10.61	11.75	9.15	11.77	10.13	11.58	11.52	6.09	8.52	9.29	113.23
1983	Wet	4.38	11.35	11.58	11.78	9.89	10.06	11.48	11.39	10.19	11.90	10.02	10.13	124.15
1984	Wet	3.34	9.96	10.10	11.90	10.58	6.27	3.61	5.13	5.50	10.58	3.73	5.71	86.41
1985	Dry	4.47	8.38	5.26	3.73	3.36	2.64	4.09	2.64	6.52	6.24	4.90	2.44	54.67
1986	Wet	3.19	3.47	3.73	6.69	5.27	11.06	5.56	5.40	7.22	10.58	3.73	9.81	75.71
1987	Dry	3.19	3.96	4.26	3.62	2.78	1.71	1.65	2.19	3.52	4.93	1.69	1.59	35.09
1988	Critical	1.58	1.59	1.69	1.71	2.26	1.97	1.20	1.54	2.40	2.25	1.55	1.44	21.18
1989	Dry	1.86	1.80	1.86	1.86	1.54	11.60	8.71	7.19	9.70	6.82	4.11	3.81	60.86
1990	Critical	3.19	3.47	3.73	3.17	2.43	2.37	2.30	2.37	3.62	4.16	3.34	2.34	36.49
1991	Critical	3.16	3.04	3.11	2.65	2.03	2.25	2.20	2.29	3.90	5.99	6.96	3.13	40.71
1992	Critical	1.68	1.62	1.68	1.68	1.58	0.91	2.67	3.07	3.32	10.49	1.19	0.72	30.61
1993	Above Normal	1.16	1.07	1.64	2.05	10.75	11.82	8.64	10.86	10.45	7.78	5.40	7.96	79.58
1994	Critical	3.80	6.46	4.26	3.62	2.78	2.20	2.13	2.20	3.23	3.66	2.30	2.20	38.84
1995	Wet	2.72	2.61	2.72	11.37	9.10	9.90	11.46	11.19	11.04	9.84	9.11	8.84	99.90
1996	Wet	5.61	5.59	4.81	11.62	9.95	11.89	9.61	11.73	6.26	7.74	5.07	9.79	99.67
1997	Wet	5.41	7.56	10.85	6.02	10.73	3.73	3.61	3.73	3.61	10.58	3.73	9.04	78.60
1998	Wet	2.93	2.84	2.94	10.32	9.89	11.90	11.50	11.90	10.90	8.31	8.85	9.03	101.31
1999	Wet	3.19	8.06	6.21	11.90	10.18	9.25	5.57	10.01	9.51	8.51	4.56	10.01	96.96
2000	Above Normal	3.72	6.55	4.26	4.51	10.49	8.75	5.39	4.27	3.94	10.58	3.73	4.73	70.92
2001	Dry	3.34	4.73	4.26	3.62	2.78	1.71	1.65	1.71	2.64	4.53	2.49	1.65	35.11
2002	Dry	2.48	1.65	2.65	7.33	6.46	6.71	4.17	3.73	3.61	10.10	5.40	3.31	57.60
2003	Above Normal	3.35	3.96	4.26	7.11	4.75	3.73	4.89	10.32	5.29	10.58	3.73	7.16	69.13
	Average	3.49	4.88	5.00	5.95	6.36	6.14	5.99	6.23	6.31	7.80	4.94	5.74	68.84
	Wet	3.58	6.04	7.19	9.77	9.33	8.69	8.61	9.38	9.04	8.31	6.76	9.06	95.77
	Above Normal	3.43	5.07	4.30	5.89	8.17	8.94	7.13	7.12	6.15	9.41	5.10	7.14	77.84
	Below Normal	3.79	4.43	4.85	4.78	6.37	5.33	5.90	6.07	5.54	10.10	4.02	4.97	66.15
	Dry	3.37	4.14	3.65	3.50	3.56	4.04	3.97	3.74	5.01	6.88	4.40	3.05	49.31
	Critical	3.20	3.84	3.17	2.78	2.29	1.91	2.30	2.47	3.38	3.80	2.76	2.05	33.94

Energy generated (GWh) at Nimbus Dam: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	3.19	4.73	4.26	3.62	9.38	7.04	8.65	11.58	11.21	5.31	7.84	10.24	87.05
1923	Below Normal	3.89	5.55	11.58	9.47	8.69	3.94	5.93	9.15	5.56	10.58	4.04	6.99	85.37
1924	Critical	6.22	3.96	4.26	3.62	2.88	1.71	1.65	1.71	1.13	1.17	1.17	1.12	30.60
1925	Dry	1.68	1.64	1.71	1.71	10.44	4.67	9.67	9.16	7.52	10.58	7.99	3.34	70.11
1926	Dry	3.19	3.96	4.26	3.62	2.85	1.71	6.90	3.23	6.79	5.51	3.79	1.70	47.51
1927	Wet	3.19	3.20	3.35	7.41	9.68	9.47	11.40	9.52	10.49	9.86	4.34	6.89	88.80
1928	Above Normal	4.17	9.45	4.26	3.73	3.49	11.06	9.55	3.73	5.78	10.58	5.03	4.45	75.28
1929	Critical	3.19	3.44	3.66	3.11	2.39	2.67	2.61	2.82	3.26	3.37	3.37	3.11	37.00
1930	Dry	2.19	2.10	2.19	2.21	2.00	5.51	3.61	3.73	6.30	8.26	4.02	3.16	45.28
1931	Critical	4.48	3.47	3.70	3.11	2.39	1.78	1.74	1.80	1.49	1.74	1.57	3.72	30.99
1932	Dry	3.57	1.65	1.69	1.69	4.89	4.31	3.61	7.14	9.77	6.95	6.73	8.00	60.00
1933	Critical	4.45	5.41	4.26	3.62	2.78	3.08	3.46	3.08	7.29	8.20	3.70	3.11	52.44
1934	Critical	1.85	2.94	1.71	1.71	1.54	1.12	5.20	6.36	8.44	1.67	3.30	1.29	37.13
1935	Below Normal	1.82	1.59	1.68	1.69	1.66	3.73	11.52	8.46	8.55	10.58	3.73	6.54	61.55
1936	Below Normal	5.81	3.96	4.26	10.96	10.01	8.89	10.72	8.15	9.52	10.58	3.73	7.64	94.23
1937	Below Normal	5.83	3.96	4.26	3.62	5.28	9.30	8.58	7.86	4.24	10.58	3.73	7.66	74.90
1938	Wet	3.19	4.14	11.87	5.91	10.37	11.25	11.38	11.54	11.27	6.68	8.60	10.00	106.20
1939	Dry	3.19	4.61	4.26	3.62	2.78	1.71	2.53	2.74	2.92	6.19	1.79	1.65	37.99
1940	Above Normal	2.81	2.72	2.81	6.06	10.61	11.33	11.52	6.23	3.61	10.58	5.26	10.24	83.78
1941	Wet	3.66	5.50	3.90	10.53	10.60	10.20	7.42	10.15	6.29	4.66	8.21	10.24	91.36
1942	Wet	3.31	6.28	8.84	11.57	10.33	5.10	11.52	11.89	11.45	6.42	8.54	10.02	105.27
1943	Wet	3.38	10.04	6.89	11.29	10.67	11.04	10.40	4.95	5.77	10.40	3.73	10.24	98.80
1944	Dry	4.13	6.04	4.25	3.61	2.88	3.08	2.98	3.08	5.99	6.06	4.94	3.35	50.39
1945	Below Normal	3.19	3.29	3.48	3.48	10.62	4.28	4.25	6.95	5.10	10.58	5.30	5.78	66.30
1946	Below Normal	5.50	5.87	11.62	10.76	4.89	6.36	6.93	7.24	3.65	10.58	5.72	4.25	83.37
1947	Dry	5.94	3.96	4.26	3.62	2.78	4.75	2.31	2.39	6.47	6.28	4.32	3.28	50.36
1948	Below Normal	3.19	3.15	3.27	2.78	2.21	3.73	3.61	6.79	9.90	7.16	5.44	7.96	59.19
1949	Dry	3.38	4.46	4.26	3.62	2.78	5.72	6.47	4.74	3.85	10.07	7.03	4.45	60.83
1950	Below Normal	3.19	3.96	4.26	3.74	10.49	6.61	9.31	8.17	7.92	10.58	3.73	7.19	79.15
1951	Above Normal	5.93	9.77	9.86	11.41	10.59	7.94	6.03	7.04	3.61	10.58	4.63	8.30	95.69
1952	Wet	3.19	5.28	9.04	11.61	10.78	11.90	11.29	11.22	11.02	8.73	9.53	8.91	112.50
1953	Wet	3.24	8.15	4.26	11.88	4.38	3.73	5.01	5.56	11.52	8.46	7.28	8.23	81.70
1954	Above Normal	4.28	6.11	4.26	3.62	5.58	9.36	8.53	3.73	3.61	10.58	3.73	3.16	66.55
1955	Dry	3.19	3.96	4.26	3.62	3.72	3.08	2.98	3.08	3.61	6.10	5.32	3.16	46.08
1956	Wet	3.19	3.95	9.95	10.15	11.13	3.99	5.75	11.87	11.52	6.03	8.61	9.66	95.80
1957	Above Normal	3.86	6.76	4.26	3.62	2.93	9.49	3.61	5.56	5.45	10.58	5.81	5.47	67.40
1958	Wet	3.19	3.96	4.26	5.45	10.32	11.87	11.03	11.47	11.41	5.90	8.74	8.51	96.11
1959	Below Normal	3.19	7.20	4.26	3.62	2.95	1.73	1.65	1.71	2.95	10.58	1.94	1.65	43.43
1960	Dry	3.18	3.26	3.43	2.91	2.34	6.35	4.12	3.17	3.03	4.33	5.14	3.39	44.65
1961	Dry	3.19	3.96	4.26	3.62	2.78	1.82	1.76	1.82	1.77	6.80	1.82	1.76	35.36
1962	Below Normal	2.08	1.99	2.08	1.77	4.73	4.20	7.57	3.87	3.61	10.58	6.31	3.92	52.71
1963	Wet	7.18	8.71	7.05	8.50	10.08	3.73	11.49	11.85	6.07	9.44	3.73	7.00	94.83
1964	Dry	4.83	8.76	4.26	5.23	3.49	3.62	3.50	3.62	3.61	7.23	5.12	3.30	56.57
1965	Wet	3.19	3.47	8.88	10.81	10.16	3.73	11.12	7.46	7.01	10.52	3.73	10.24	90.32
1966	Below Normal	5.66	4.26	4.26	3.73	3.36	1.71	2.94	1.71	2.42	10.45	2.30	1.66	44.46
1967	Wet	3.19	3.49	5.44	11.86	8.46	11.90	8.10	11.71	11.02	7.94	8.63	9.72	101.46
1968	Below Normal	3.19	7.40	4.26	3.62	11.13	4.28	2.46	2.55	2.42	10.58	2.50	2.42	56.81
1969	Wet	3.19	3.42	3.66	10.37	10.43	7.31	11.51	11.60	11.51	5.55	8.34	10.01	96.90
1970	Wet	3.19	5.53	10.63	8.83	10.75	5.32	3.61	3.73	3.61	10.58	4.07	7.94	77.79
1971	Wet	3.17	3.24	9.15	9.95	6.49	8.34	4.70	7.20	9.79	7.83	6.03	8.85	84.74
1972	Below Normal	3.19	6.53	4.26	4.03	6.04	8.67	3.61	3.73	3.63	10.58	4.03	3.16	61.46
1973	Above Normal	3.19	3.96	5.78	11.55	10.68	7.29	4.43	8.62	6.48	9.87	3.73	6.37	81.95
1974	Wet	3.19	11.51	11.82	11.12	8.30	11.60	11.51	9.75	8.14	6.53	8.68	8.81	110.96
1975	Wet	3.19	6.98	4.26	3.62	4.85	9.69	4.04	10.44	11.52	6.28	7.61	8.69	81.17
1976	Critical	3.19	9.05	4.26	3.62	2.88	1.71	1.65	1.71	1.75	2.16	1.71	1.65	35.34
1977	Critical	1.71	1.65	1.71	1.69	1.52	1.14	0.74	0.64	0.73	0.76	2.86	0.80	15.95
1978	Above Normal	0.99	0.99	1.09	3.90	8.78	11.72	8.52	7.62	8.21	10.08	3.73	7.57	73.20
1979	Below Normal	3.24	5.79	4.26	3.62	5.41	7.25	3.62	8.70	8.08	8.25	3.73	3.16	65.11
1980	Above Normal	4.29	3.96	4.74	9.59	10.07	7.79	5.79	5.84	6.17	5.76	8.52	10.24	82.76
1981	Dry	3.19	6.27	4.26	3.73	3.36	1.71	1.65	1.71	2.64	6.92	2.14	1.65	39.23
1982	Wet	3.19	9.53	10.61	11.75	9.15	11.77	10.13	11.58	11.52	6.09	8.52	9.29	113.13
1983	Wet	4.38	11.35	11.58	11.78	9.89	10.06	11.48	11.39	10.19	11.90	10.02	10.13	124.15
1984	Wet	3.34	9.96	10.10	11.90	10.58	6.27	3.61	5.13	5.50	10.58	3.73	5.71	86.41
1985	Dry	4.47	8.38	5.26	3.73	3.36	2.64	4.09	2.64	6.52	6.24	4.90	2.44	54.67
1986	Wet	3.19	3.47	3.73	6.69	5.27	11.06	5.56	5.40	7.22	10.58	3.73	9.81	75.71
1987	Dry	3.19	3.96	4.26	3.62	2.78	1.71	1.65	2.20	3.41	5.02	1.69	1.59	35.08
1988	Critical	1.58	1.59	1.69	1.71	2.30	1.98	1.20	1.54	2.40	2.24	1.55	1.44	21.22
1989	Dry	1.85	1.79	1.85	1.85	1.54	11.60	8.71	7.20	9.72	6.82	4.10	3.81	60.84
1990	Critical	3.19	3.47	3.73	3.17	2.43	2.38	2.30	2.38	3.62	4.15	3.22	2.34	36.38
1991	Critical	3.19	3.07	3.15	2.68	2.06	2.28	2.22	2.32	3.90	5.96	7.03	3.13	40.99
1992	Critical	1.68	1.62	1.68	1.68	1.58	0.91	2.67	3.04	3.39	10.49	0.76	0.72	30.22
1993	Above Normal	1.16	1.07	1.64	2.05	10.75	11.82	8.64	10.86	10.45	7.78	5.39	7.96	79.57
1994	Critical	3.81	6.45	4.26	3.62	2.78	2.20	2.13	2.20	3.25	3.69	2.28	2.20	38.87
1995	Wet	2.71	2.60	2.71	11.37	9.10	9.90	11.46	11.19	11.04	9.84	9.11	8.84	99.87
1996	Wet	5.61	6.50	4.26	11.27	9.95	11.89	9.61	11.73	6.26	7.75	5.07	9.79	99.69
1997	Wet	5.31	7.57	10.84	6.02	10.73	3.73	3.61	3.73	3.61	10.58	3.73	9.03	78.49
1998	Wet	2.94	2.84	2.94	10.32	9.89	11.90	11.50	11.90	10.90	8.31	8.85	9.03	101.32
1999	Wet	3.19	8.06	6.21	11.90	10.18	9.25	5.57	10.01	9.51	8.51	4.56	10.01	96.96
2000	Above Normal	3.73	6.55	4.26	4.50	10.49	8.75	5.39	4.27	3.94	10.58	3.73	4.73	70.92
2001	Dry	3.33	4.73	4.26	3.62	2.78	1.71	1.65	1.71	2.65	4.53	2.46	1.65	35.08
2002	Dry	2.50	1.65	2.65	7.33	6.46	6.71	4.17	3.73	3.61	10.10	5.40	3.36	57.67
2003	Above Normal	3.33	3.96	4.26	7.07	4.75	3.73	4.89	10.32	5.29	10.58	3.73	7.16	69.07
	Average	3.48	4.93	4.99	5.95	6.34	6.14	6.00	6.23	6.31	7.81	4.93	5.75	68.86
	Wet	3.57	6.11	7.16	9.76	9.33	8.69	8.61	9.38	9.04	8.31	6.76	9.06	95.79
	Above Normal	3.41	5.00	4.29	5.89	8.18	8.94	7.13	7.12	6.15	9.41	5.09	7.16	77.77
	Below Normal	3.78	4.61	4.84	4.78	6.25	5.33	5.91	6.07	5.54	10.16	4.02	5.00	66.29
	Dry	3.34	4.17	3.65	3.50	3.56	4.02	4.02	3.73	5.01	6.89	4.37	3.06	49.32
	Critical	3.21	3.84	3.17	2.78	2.29	1.91	2.30	2.47	3.39	3.80	2.71	2.05	33.93

Difference in Energy generated (GWh) at Nimbus Dam: Alternative4_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	0.00	(0.02)	0.00	0.01	0.00	(0.02)	0.03	0.00
1924	Critical	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.01	0.00	(0.01)	0.00	0.00
1927	Wet	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
1928	Above Normal	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	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	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.01	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	0.00	0.00	0.00	0.00	(0.01)	0.01	0.00	0.00
1933	Critical	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00
1934	Critical	0.17	0.02	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	0.00	(0.14)	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	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.88	(0.18)	(0.13)	0.08	(0.36)	0.00	0.02
1940	Above Normal	(0.10)	(0.10)	(0.10)	0.05	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.02)
1941	Wet	0.01	(0.04)	0.01	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.03	0.11	(0.15)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.15)	0.00	0.00	(0.01)
1944	Dry	(0.44)	0.49	0.03	0.02	0.00	0.00	0.00	0.00	0.25	(0.11)	(0.04)	(0.03)	0.01
1945	Below Normal	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00
1946	Below Normal	(0.04)	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.03
1947	Dry	0.00	0.00	0.00	0.00	(0.09)	(0.31)	0.00	0.01	(0.03)	0.00	0.03	(0.02)	(0.03)
1948	Below 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
1949	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
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	0.02	0.01	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	(0.03)	0.80	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	0.00	0.07
1954	Above Normal	(0.04)	(0.03)	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	(0.02)	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	(0.01)	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	(0.02)	0.00
1959	Below Normal	0.00	0.62	0.00	0.00	(0.61)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1960	Dry	(0.01)	(0.01)	0.00	(0.01)	0.00	(0.01)	0.01	0.00	0.00	0.00	(0.01)	0.05	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
1962	Below Normal	(0.03)	(0.03)	(0.03)	(0.02)	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	(0.01)	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	0.00	0.00	0.00
1966	Below Normal	0.00	(0.03)	0.00	0.00	0.00	0.00	0.06	0.00	0.01	0.03	(0.01)	0.00	0.00
1967	Wet	0.00	(0.01)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.01
1968	Below Normal	0.00	0.73	(0.10)	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.03	0.00
1971	Wet	0.00	(0.01)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.01	0.00	0.00
1972	Below Normal	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.18	0.01
1974	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
1975	Wet	0.00	(0.04)	0.00	0.00	0.04	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1976	Critical	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.00
1979	Below Normal	0.02	1.11	0.00	0.00	(1.15)	0.00	0.01	0.00	0.03	0.79	0.00	0.00	0.07
1980	Above Normal	(0.06)	(0.66)	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	(0.06)
1981	Dry	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.02)	(0.03)	0.00	0.01
1982	Wet	0.00	(0.10)	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.11)	0.09	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.04	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1989	Dry	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.01	0.02	0.00	(0.01)	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	(0.01)	(0.12)	0.00	(0.01)
1991	Critical	0.03	0.03	0.04	0.03	0.03	0.03	0.02	0.03	0.00	(0.03)	0.07	0.00	0.02
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	0.07	0.00	(0.43)	0.00	(0.03)
1993	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
1994	Critical	0.01	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03	(0.02)	0.00	0.00
1995	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
1996	Wet	0.00	0.91	(0.55)	(0.35)	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1997	Wet	(0.10)	0.01	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)
1998	Wet	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.01	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	(0.03)	0.00	0.00
2002	Dry	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.01
2003	Above Normal	(0.02)	0.00	0.00	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
	Average	(0.01)	0.05	(0.01)	(0.00)	(0.02)	(0.00)	0.01	(0.00)	0.00	0.01	(0.01)	0.01	0.00
	Wet	(0.00)	0.06	(0.03)	(0.01)	0.00	(0.00)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
	Above Normal	(0.02)	(0.06)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	0.02	(0.01)
	Below Normal	(0.00)	0.18	(0.01)	(0.00)	(0.12)	0.00	0.00	0.00	0.00	0.06	(0.00)	0.03	0.01
	Dry	(0.03)	0.04	0.00	0.00	(0.00)	(0.02)	0.05	(0.01)	(0.00)	0.00	(0.03)	0.00	0.00
	Critical	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.01	(0.00)	(0.05)	0.00	(0.00)

Percent Difference in Energy generated (GWh) at Nimbus Dam: Alternative4_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%	1%	1%	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%	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%	0%	0%	0%
1934	Critical	10%	1%	0%	0%	0%	-1%	0%	0%	0%	0%	-4%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	53%	-6%	-4%	1%	-17%	0%
1940	Above Normal	-3%	-4%	-3%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	1%	2%	-2%	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	-10%	9%	1%	1%	0%	0%	0%	0%	4%	-2%	-1%	-1%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	10%
1947	Dry	0%	0%	0%	0%	-3%	-6%	0%	0%	0%	0%	1%	-1%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	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%	11%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	9%	0%	0%	-17%	0%	0%	0%	0%	0%	-1%	0%
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	-1%	-1%	-1%	-1%	1%	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%	2%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1968	Below Normal	0%	11%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	1%	24%	0%	0%	-18%	0%	0%	0%	0%	11%	0%	0%
1980	Above Normal	-1%	-14%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	3%	0%	0%	0%	0%	0%	0%	-1%	0%	-1%	0%
1982	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-3%	2%	0%	0%
1988	Critical	0%	0%	0%	0%	2%	1%	0%	0%	0%	0%	0%	0%
1989	Dry	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-4%	0%
1991	Critical	1%	1%	1%	1%	1%	1%	1%	1%	0%	-1%	1%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	-1%	2%	0%	-36%	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%	1%	1%	-1%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	16%	-11%	-3%	0%	0%	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%	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%	-1%	0%
2002	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
2003	Above Normal	-1%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	1%	0%	0%	0%	0%	1%	0%	0%	0%	-1%	0%
	Wet	0%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	0%	3%	0%	0%	-2%	0%	0%	0%	0%	1%	0%	1%
	Dry	-1%	1%	0%	0%	0%	0%	3%	0%	0%	0%	-1%	0%
	Critical	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-4%	0%

Energy generated (GWh) at O'Neill: 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	0.00	0.00	0.00	0.00	0.04	2.68	0.00	0.00	0.00	0.00	2.72
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.40	3.74	0.09	0.00	0.00	0.00	5.23
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.52	0.64	2.03	4.40	3.50	2.34	0.00	13.43
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.17	3.56	0.12	0.00	0.00	0.00	4.85
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.64	0.83	3.21	2.06	0.09	1.56	0.00	8.39
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.76	3.90	1.31	0.00	0.00	0.00	6.97
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.37	3.67	1.68	0.00	0.00	0.00	6.72
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	1.50	2.88	4.59	1.83	0.00	0.00	10.80
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.44	2.38	4.09	1.05	3.31	0.00	11.27
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.95	2.08	4.14	3.97	2.37	0.00	13.51
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.03	2.21	1.43	3.74	0.00	0.00	8.41
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.89	1.99	3.75	3.39	0.00	0.00	10.02
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.92	0.95	2.09	4.14	3.98	0.00	0.00	12.08
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.02	3.35	0.49	0.24	2.47	0.00	7.57
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.12	2.21	1.08	0.00	1.32	0.00	4.73
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.28	0.27	1.83	0.00	4.38
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.62	0.00	0.00	0.00	0.00	1.74	3.43	5.79	0.00	1.93	0.00	13.51
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.99	3.75	1.40	0.00	0.00	0.00	6.14
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.83	1.28	0.00	0.00	0.00	0.00	2.11
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.31	2.74	0.00	0.00	0.00	0.00	4.05
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.56	0.00	0.00	0.00	0.00	1.56
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.24	3.29	2.90	0.00	1.95	0.00	9.38
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.78	4.06	3.19	0.00	0.00	0.00	9.03
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	2.19	4.04	1.80	0.00	0.00	0.00	8.03
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.06	1.80	3.64	3.47	0.00	1.74	0.00	10.71
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.89	3.44	1.16	0.00	0.00	0.00	6.49
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	2.23	3.96	3.75	0.00	0.00	0.00	9.94
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.75	3.43	2.84	0.00	0.00	0.00	8.02
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.94	4.05	1.87	0.81	0.00	0.00	8.67
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.55	3.59	2.98	0.00	0.00	0.00	8.12
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.74	3.67	1.55	1.11	0.00	0.00	8.07
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.61	3.50	5.55	0.00	1.40	0.00	12.06
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.10	3.95	0.00	0.00	0.00	0.00	5.05
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.42	3.46	2.93	0.00	0.00	0.00	7.81
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	1.04	3.28	3.36	0.00	0.00	0.00	7.68
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.88	2.65	3.59	0.00	1.63	0.00	9.75
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	2.11	3.72	6.25	0.00	0.00	0.00	12.08
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.41	3.69	3.50	0.00	0.00	0.00	8.60
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.85	3.80	0.01	0.00	0.00	0.00	5.66
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.94	3.55	5.44	0.00	1.26	0.00	12.19
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.04	4.35	1.91	0.00	0.00	0.00	7.30
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.83	3.76	3.61	0.00	0.00	0.00	9.20
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.16	3.21	3.42	0.00	0.00	0.00	7.79
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.62	0.00	0.00	0.00	0.00	2.28	4.04	3.63	0.00	0.00	0.00	10.57
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.38	3.46	1.31	0.00	0.00	0.00	6.15
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.86	3.65	3.56	0.00	0.00	0.00	9.07
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.83	3.92	0.59	0.00	0.00	0.00	6.34
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.25	3.77	0.00	0.00	0.00	0.00	5.02
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.87	4.05	0.00	0.00	0.00	0.00	5.92
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.67	3.02	5.63	3.07	4.62	1.92	18.93
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.51	0.92	2.04	4.73	3.90	0.00	1.21	13.31
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.65	2.82	1.42	0.00	0.00	0.00	5.89
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.10	0.00	0.00	0.00	0.00	1.10
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.91	3.19	3.55	0.00	0.00	0.00	7.65
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.79	4.06	1.54	0.00	0.00	0.00	7.39
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.35	3.67	3.77	0.00	0.00	0.00	8.79
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.13	4.13
1987	Dry	0.00	0.54	0.00	0.00	0.00	0.00	1.77	3.28	3.14	0.00	3.00	0.00	11.73
1988	Critical	0.00	0.00	0.00	0.00	0.00	1.07	0.97	2.88	5.34	0.00	0.00	0.98	11.24
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.19	0.98	3.45	1.84	0.00	1.01	0.00	7.47
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.61	1.50	2.78	5.57	0.00	0.00	1.62	12.08
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.44	2.14	2.84	0.00	0.02	0.00	5.44
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	1.10	2.31	3.28	0.00	0.00	2.50	9.19
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	2.34	4.03	0.00	0.00	0.00	0.00	6.37
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	1.27	2.59	5.07	0.00	0.00	0.00	8.93
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.61	1.55	0.60	0.00	0.00	0.00	3.76
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	2.33	4.34	0.00	0.00	0.00	0.00	6.67
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.97	3.90	1.31	0.00	0.00	0.00	7.18
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.97	3.86	0.56	2.00	0.00	0.00	8.39
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.44	3.50	3.44	0.00	1.74	0.00	10.12
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.91	3.59	3.42	0.00	0.00	0.00	8.92
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	2.13	3.81	2.21	0.00	0.00	0.00	8.15
	Average	0.00	0.02	0.00	0.00	0.00	0.06	1.18	2.75	2.15	0.40	0.43	0.15	7.15
	Wet	0.00	0.02	0.00	0.00	0.00	0.00	0.92	2.09	0.56	0.00	0.00	0.16	3.75
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.31	3.17	1.07	0.33	0.00	0.00	5.87
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.36	3.19	2.27	0.04	0.40	0.00	7.27
	Dry	0.00	0.06	0.00	0.00	0.00	0.05	1.47	3.32	3.53	0.27	1.14	0.00	9.85
	Critical	0.00	0.00	0.00	0.00	0.00	0.30	0.98	2.40	4.46	1.97	0.78	0.69	11.58

Energy generated (GWh) at O'Neill: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.53	0.00	0.00	0.00	0.00	2.53
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.30	3.58	0.00	0.00	0.00	0.00	4.88
1924	Critical	0.00	0.00	0.00	0.00	0.00	0.52	0.64	2.02	4.40	3.50	2.34	0.00	13.42
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.15	3.52	0.00	0.00	0.00	0.00	4.67
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.64	0.83	3.21	2.07	0.09	1.58	0.00	8.42
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.67	3.75	0.85	0.00	0.00	0.00	6.27
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.32	3.58	1.41	0.00	0.00	0.00	6.31
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	1.50	2.88	4.59	1.83	0.00	0.00	10.80
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.44	2.38	4.10	1.05	3.31	0.00	11.28
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.95	2.08	4.14	3.97	2.37	0.00	13.51
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.05	0.94	2.06	0.96	3.22	0.00	0.00	7.23
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.89	1.99	3.75	3.39	0.00	0.00	10.02
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.94	0.95	2.09	4.14	3.98	0.00	0.00	12.10
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.93	3.21	0.05	0.00	2.08	0.00	6.27
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.03	2.06	0.61	0.00	0.90	0.00	3.60
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.53	0.00	1.41	0.00	4.94
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.41	0.00	0.00	0.00	0.00	1.72	3.20	5.23	0.00	0.67	0.00	11.23
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.93	3.64	1.00	0.00	0.00	0.00	5.57
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.73	3.00	0.00	0.00	0.00	0.00	3.73
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.21	2.73	0.00	0.00	0.00	0.00	3.94
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.40	0.00	0.00	0.00	0.00	1.40
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.18	3.20	2.36	0.00	1.67	0.00	8.41
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.67	3.89	2.70	0.00	0.00	0.00	8.26
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	2.10	3.89	1.62	0.00	0.00	0.00	7.61
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.04	1.77	3.61	3.34	0.00	1.45	0.00	10.21
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.89	3.44	1.15	0.00	0.00	0.00	6.48
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	2.22	3.95	3.75	0.00	0.00	0.00	9.92
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.74	3.41	2.80	0.00	0.00	0.00	7.95
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.85	3.90	1.41	0.29	0.00	0.00	7.45
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.44	3.41	2.50	0.00	0.00	0.00	7.35
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.75	3.68	1.57	1.14	0.00	0.00	8.14
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.60	3.50	5.55	0.00	1.48	0.00	12.13
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.10	3.80	0.00	0.00	0.00	0.00	4.90
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.33	3.32	2.50	0.00	0.00	0.00	7.15
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	0.00	0.00	0.00	0.00	1.21
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.03	3.25	3.25	0.00	0.00	0.00	7.53
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.88	2.64	3.59	0.00	1.96	0.00	10.07
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	2.10	3.72	6.25	0.00	0.00	0.00	12.07
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.32	3.55	3.05	0.00	0.00	0.00	7.92
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.75	3.64	0.00	0.00	0.00	0.00	5.39
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.94	3.56	5.44	0.00	1.26	0.00	12.20
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.93	4.17	1.41	0.00	0.00	0.00	6.51
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.77	3.65	3.26	0.00	0.00	0.00	8.68
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.09	3.08	3.02	0.00	0.00	0.00	7.19
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.41	0.00	0.00	0.00	0.00	2.19	3.89	3.16	0.00	0.00	0.00	9.65
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.32	3.37	1.01	0.00	0.00	0.00	5.70
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.86	3.65	3.56	0.00	0.00	0.00	9.07
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.74	3.77	0.92	0.00	0.00	0.00	6.43
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.13	3.59	0.00	0.00	0.00	0.00	4.72
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.78	3.91	0.00	0.00	0.00	0.00	5.69
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.67	3.02	5.62	3.10	4.61	1.92	18.94
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.51	0.92	2.04	4.73	3.90	0.00	1.21	13.31
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.18
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.46	2.52	0.79	0.00	0.00	0.00	4.77
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.37	0.00	0.00	0.00	0.00	1.37
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.83	3.06	3.12	0.00	0.00	0.00	7.01
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.70	3.91	1.07	0.00	0.00	0.00	6.68
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.30	3.58	3.48	0.00	0.00	0.00	8.36
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.87	3.87
1987	Dry	0.00	0.05	0.00	0.00	0.00	0.00	1.76	3.28	3.24	0.00	2.60	0.00	10.93
1988	Critical	0.00	0.00	0.00	0.00	0.00	1.07	0.97	2.88	5.34	0.00	0.00	0.98	11.24
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.19	0.98	3.45	1.83	0.00	0.98	0.00	7.43
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.61	1.50	2.78	5.57	0.00	1.09	0.00	11.55
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.44	2.14	2.84	0.00	0.00	0.00	5.42
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	1.10	2.31	2.21	0.00	0.00	2.52	8.14
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	2.24	3.87	0.00	0.00	0.00	0.00	6.11
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	1.27	2.59	5.07	0.00	0.00	0.00	8.93
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.47	1.33	0.05	0.00	0.00	0.00	2.85
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	2.24	4.19	0.00	0.00	0.00	0.00	6.43
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	1.89	3.75	0.85	0.00	0.00	0.00	6.49
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.88	3.72	0.12	1.50	0.00	0.00	7.22
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.44	3.50	3.44	0.00	1.82	0.00	10.20
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	1.91	3.59	3.42	0.00	0.00	0.00	8.92
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	2.10	3.76	2.06	0.00	0.00	0.00	7.92
	Average	0.00	0.01	0.00	0.00	0.00	0.06	1.14	2.72	2.01	0.38	0.41	0.13	6.86
	Wet	0.00	0.02	0.00	0.00	0.00	0.00	0.87	2.12	0.42	0.00	0.00	0.15	3.57
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.26	3.11	0.92	0.24	0.00	0.00	5.53
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	1.30	3.08	2.10	0.00	0.31	0.00	6.80
	Dry	0.00	0.03	0.00	0.00	0.00	0.05	1.44	3.28	3.40	0.24	1.04	0.00	9.48
	Critical	0.00	0.00	0.00	0.00	0.00	0.30	0.98	2.40	4.37	1.97	0.87	0.55	11.45

Difference in Energy generated (GWh) at O'Neill: Alternative4_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	(0.04)	(0.15)	0.00	0.00	0.00	0.00	(0.02)
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)	(0.16)	(0.09)	0.00	0.00	0.00	(0.03)
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	(0.02)	(0.04)	(0.12)	0.00	0.00	0.00	(0.02)
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.00	0.00
1927	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.15)	(0.46)	0.00	0.00	0.00	(0.06)
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	(0.09)	(0.27)	0.00	0.00	0.00	(0.03)
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	0.01	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.05	(0.09)	(0.15)	(0.47)	(0.52)	0.00	0.00	(0.10)
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	0.02	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	(0.09)	(0.14)	(0.44)	(0.24)	(0.39)	0.00	(0.11)
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.15)	(0.47)	0.00	(0.42)	0.00	(0.09)
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.25	(0.27)	(0.42)	0.00	0.05
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	(0.21)	0.00	0.00	0.00	0.00	(0.02)	(0.23)	(0.56)	0.00	(1.26)	0.00	(0.19)
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	(0.11)	(0.40)	0.00	0.00	0.00	(0.05)
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)	1.72	0.00	0.00	0.00	0.00	0.14
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)	(0.01)	0.00	0.00	0.00	0.00	(0.01)
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.16)	0.00	0.00	0.00	0.00	(0.01)
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	(0.09)	(0.54)	0.00	(0.28)	0.00	(0.08)
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.11)	(0.17)	(0.49)	0.00	0.00	0.00	(0.06)
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.15)	(0.18)	0.00	0.00	0.00	(0.04)
1947	Dry	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.03)	(0.03)	(0.13)	0.00	(0.29)	0.00	(0.04)
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1949	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
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.04)	0.00	0.00	0.00	(0.01)
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.15)	(0.46)	(0.52)	0.00	0.00	(0.10)
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	(0.11)	(0.18)	(0.48)	0.00	0.00	0.00	(0.06)
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.03	0.00	0.00	0.01
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.08	0.00	0.01
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.15)	0.00	0.00	0.00	0.00	(0.01)
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.14)	(0.43)	0.00	0.00	0.00	(0.06)
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.21	0.00	0.00	0.00	0.00	0.10
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.03)	(0.11)	0.00	0.00	0.00	(0.01)
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.33	0.00	0.03
1961	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
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.14)	(0.45)	0.00	0.00	0.00	(0.06)
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)	(0.16)	(0.01)	0.00	0.00	0.00	(0.02)
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.11)	(0.18)	(0.50)	0.00	0.00	0.00	(0.07)
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	(0.11)	(0.35)	0.00	0.00	0.00	(0.04)
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	(0.07)	(0.13)	(0.40)	0.00	0.00	0.00	(0.05)
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	(0.21)	0.00	0.00	0.00	0.00	(0.09)	(0.15)	(0.47)	0.00	0.00	0.00	(0.08)
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	(0.09)	(0.30)	0.00	0.00	0.00	(0.04)
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.15)	0.33	0.00	0.00	0.00	0.01
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.12)	(0.18)	0.00	0.00	0.00	0.00	(0.03)
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.14)	0.00	0.00	0.00	0.00	(0.02)
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.03	(0.01)	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.02
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.19)	(0.30)	(0.63)	0.00	0.00	0.00	(0.09)
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.02
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)	(0.13)	(0.43)	0.00	0.00	0.00	(0.05)
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.15)	(0.47)	0.00	0.00	0.00	(0.06)
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	(0.09)	(0.29)	0.00	0.00	0.00	(0.04)
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.26)	(0.02)
1987	Dry	0.00	(0.49)	0.00	0.00	0.00	0.00	(0.01)	0.00	0.10	0.00	(0.40)	0.00	(0.07)
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	(0.01)	0.00	(0.03)	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	1.09	(1.62)	(0.04)
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.07)	0.00	0.00	0.02	(0.09)
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)	(0.16)	0.00	0.00	0.00	0.00	(0.02)
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.14)	(0.22)	(0.55)	0.00	0.00	0.00	(0.08)
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.15)	0.00	0.00	0.00	0.00	(0.02)
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)	(0.15)	(0.46)	0.00	0.00	0.00	(0.06)
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.14)	(0.44)	(0.50)	0.00	0.00	(0.10)
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.01
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	(0.03)	(0.05)	(0.15)	0.00	0.00	0.00	(0.02)
	Average	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.04)	(0.03)	(0.14)	(0.02)	(0.02)	(0.02)	(0.02)
	Wet	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.05)	0.03	(0.14)	0.00	0.00	(0.01)	(0.02)
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	(0.06)	(0.15)	(0.08)	0.00	0.00	(0.03)
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.11)	(0.17)	(0.04)	(0.09)	0.00	(0.04)
	Dry	0.00	(0.04)	0.00	0.00	0.00	0.00	(0.02)	(0.04)	(0.14)	(0.03)	(0.10)	0.00	(0.03)
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.09)	0.00	0.09	(0.13)	(0.01)

Percent Difference in Energy generated (GWh) at O'Neill: Alternative4_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%	-100%	-6%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	0%	0%	0%	-7%	-4%	-100%	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%	-2%	-1%	-100%	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%	-5%	-4%	-35%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	-4%	-2%	-16%	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%	-	-9%	-7%	-33%	-14%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	-9%	-4%	-90%	-100%	-16%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	-75%	-7%	-44%	0%	-32%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	55%	-100%	-23%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	-34%	0%	0%	0%	0%	-1%	-7%	-10%	0%	-65%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	-6%	-3%	-29%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	-12%	134%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	-8%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	-10%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	-5%	-3%	-19%	0%	-14%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	-6%	-4%	-15%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	-4%	-4%	-10%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	-33%	-2%	-1%	-4%	0%	-17%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	-5%	-4%	-25%	-64%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	-7%	-5%	-16%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	1%	0%	1%	3%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	6%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	-4%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	-6%	-4%	-15%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	-	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	-3%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	20%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	-6%	-4%	-13%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	-5%	-4%	-100%	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%	-11%	-4%	-26%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	-3%	-3%	-10%	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%	-6%	-4%	-12%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	-34%	0%	0%	0%	0%	-4%	-4%	-13%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	-4%	-3%	-23%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	-5%	-4%	56%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	-10%	-5%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	-5%	-3%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	-	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	-12%	-11%	-44%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	25%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	-9%	-4%	-12%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	-5%	-4%	-31%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	-4%	-2%	-8%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-6%
1987	Dry	0%	-91%	0%	0%	0%	0%	-1%	0%	3%	0%	-13%	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%	-1%	0%	-3%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	-100%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-100%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-33%	0%	0%	1%
1993	Above Normal	0%	0%	0%	0%	0%	0%	-4%	-4%	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%	-9%	-14%	-92%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	-4%	-3%	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%	-4%	-4%	-35%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	-5%	-4%	-79%	-25%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	-7%	0%	0%	0%
	Average	0%	-2%	0%	0%	0%	0%	-5%	0%	-12%	-4%	-3%	-1%
	Wet	0%	-1%	0%	0%	0%	0%	-4%	2%	-14%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	-11%	-1%	-9%	-7%	0%	0%
	Below Normal	0%	0%	0%	0%	0%	0%	-9%	-3%	-21%	-14%	-5%	0%
	Dry	0%	-7%	0%	0%	0%	-2%	-2%	-1%	-10%	-1%	-4%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	-8%	-8%

Energy generated (GWh) at Shasta Dam: CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	88.57	143.47	77.86	63.84	86.19	111.72	101.46	215.58	332.37	312.03	257.47	183.56	1,974.12
1923	Below Normal	122.10	160.77	80.36	76.79	67.86	82.65	69.90	260.87	251.51	268.26	196.46	78.49	1,716.02
1924	Critical	105.67	101.05	97.32	42.63	65.39	99.50	175.60	176.30	211.49	196.57	154.41	85.37	1,511.30
1925	Dry	63.60	50.74	54.95	2.38	33.04	73.39	73.29	141.90	230.45	276.77	227.95	118.97	1,347.43
1926	Dry	125.61	94.60	79.99	73.70	38.24	96.87	93.84	166.80	267.71	287.35	193.19	102.42	1,620.32
1927	Wet	95.01	62.09	84.27	97.30	421.37	82.84	248.33	238.93	289.79	306.95	242.52	340.13	2,509.53
1928	Above Normal	110.19	73.90	88.67	92.36	54.82	274.33	85.15	189.08	327.44	371.36	225.90	197.76	2,090.96
1929	Critical	118.59	113.65	70.05	0.00	67.87	78.91	143.62	173.90	205.75	232.71	234.41	84.29	1,523.75
1930	Dry	97.86	80.65	50.94	66.15	53.62	68.65	109.94	132.50	213.32	223.14	153.70	71.08	1,321.55
1931	Critical	86.54	74.46	71.87	67.17	62.29	68.94	199.76	157.75	173.53	195.34	130.99	48.39	1,337.03
1932	Dry	51.41	42.79	54.60	36.00	57.61	60.64	106.16	92.19	125.21	147.08	121.43	74.82	969.94
1933	Critical	75.32	60.42	57.67	60.05	52.63	63.07	101.62	110.81	142.54	139.52	221.75	94.92	1,180.32
1934	Critical	59.12	47.45	53.28	53.04	51.89	63.75	105.50	122.87	150.18	169.52	81.83	35.79	994.22
1935	Below Normal	39.81	55.19	52.04	55.13	51.35	63.45	53.93	97.64	223.75	220.67	198.65	93.67	1,205.28
1936	Below Normal	90.53	80.07	72.42	45.69	63.22	102.66	110.85	154.71	207.19	281.99	193.48	83.08	1,485.89
1937	Below Normal	110.26	96.70	73.76	73.52	66.64	77.02	68.12	123.47	215.25	249.24	202.51	98.79	1,455.28
1938	Wet	87.47	91.34	417.64	108.79	428.21	466.35	269.61	206.23	260.44	314.74	246.86	254.14	3,151.82
1939	Dry	111.28	159.60	68.50	82.51	90.19	82.02	170.86	195.43	256.33	285.36	189.54	82.81	1,774.43
1940	Above Normal	105.50	102.43	74.18	51.64	417.22	461.13	100.49	178.51	281.90	331.93	229.20	120.61	2,454.74
1941	Wet	116.63	110.22	109.28	456.91	417.63	292.02	309.94	301.07	258.72	261.69	299.16	303.43	3,236.70
1942	Wet	135.55	199.58	246.19	428.62	420.80	114.40	96.57	275.62	240.82	283.23	272.22	301.18	3,014.78
1943	Wet	133.82	217.50	73.39	195.75	175.57	298.70	133.61	213.02	275.15	350.36	239.65	287.54	2,594.06
1944	Dry	115.07	189.73	92.14	89.22	62.01	48.54	149.43	132.94	179.92	242.31	175.78	72.26	1,549.35
1945	Below Normal	104.37	88.83	81.90	72.75	83.08	113.36	128.53	155.16	237.41	298.16	215.81	100.56	1,679.92
1946	Below Normal	147.68	109.66	454.38	174.43	100.67	117.79	182.03	214.06	279.97	307.31	223.17	106.14	2,417.29
1947	Dry	127.35	94.84	74.67	91.93	68.28	76.73	146.99	237.69	228.52	310.31	192.95	124.83	1,775.09
1948	Below Normal	88.73	82.84	86.84	66.10	70.68	77.18	92.49	243.64	242.65	341.11	243.12	145.84	1,781.22
1949	Dry	163.96	109.94	100.12	90.92	91.60	165.14	133.68	184.01	276.99	294.59	219.21	121.01	1,951.17
1950	Below Normal	134.20	103.10	97.23	89.56	89.21	112.61	96.41	172.49	225.84	236.27	187.91	75.81	1,620.64
1951	Above Normal	140.07	203.66	358.80	177.24	340.73	99.61	168.31	150.27	302.53	351.03	222.25	131.84	2,646.34
1952	Wet	106.60	152.51	221.74	197.94	409.67	271.56	443.73	243.76	209.27	259.62	283.20	217.24	3,016.84
1953	Wet	163.19	188.62	110.02	458.89	85.46	96.92	117.87	240.82	255.78	321.79	234.19	298.84	2,572.39
1954	Above Normal	93.40	214.60	76.24	249.59	393.61	217.93	257.70	205.84	277.19	356.77	245.12	211.13	2,799.12
1955	Dry	116.46	123.57	99.35	71.19	84.69	85.13	143.27	134.09	230.86	298.58	179.18	69.14	1,635.51
1956	Wet	108.37	80.66	443.07	451.32	426.19	85.05	84.24	297.11	258.59	257.88	222.87	281.37	2,996.72
1957	Above Normal	134.43	252.27	97.67	93.21	76.52	179.93	148.32	238.49	278.38	356.21	225.50	150.68	2,231.61
1958	Wet	122.39	168.17	205.80	284.83	449.75	492.86	263.32	178.92	248.63	294.42	302.73	235.50	3,247.32
1959	Below Normal	161.19	229.63	103.33	107.18	298.39	67.90	183.71	221.46	310.95	327.55	229.56	45.86	2,286.71
1960	Dry	133.94	105.65	100.09	77.79	59.80	83.10	173.63	133.82	339.87	337.62	183.64	114.69	1,843.64
1961	Dry	115.80	91.07	116.46	78.75	214.78	150.73	166.16	200.44	289.79	351.28	243.54	114.46	2,133.26
1962	Below Normal	137.53	123.92	87.87	89.14	297.85	73.36	161.89	211.33	268.67	318.12	210.83	91.11	2,071.62
1963	Wet	180.09	125.38	218.09	111.67	178.74	160.22	493.08	142.87	262.29	350.04	226.37	288.44	2,737.28
1964	Dry	70.42	99.35	100.14	89.34	54.11	85.74	225.57	184.84	220.26	289.62	159.27	76.53	1,655.19
1965	Wet	84.71	79.97	429.78	458.56	98.45	118.48	159.96	192.86	270.75	296.85	200.80	266.55	2,657.72
1966	Below Normal	139.42	161.62	88.78	96.73	88.15	268.89	165.89	225.17	341.54	348.49	206.51	116.58	2,247.77
1967	Wet	137.70	80.65	231.43	212.22	163.85	380.52	241.79	377.00	251.65	290.61	278.27	258.96	2,904.65
1968	Below Normal	125.15	162.40	90.53	95.78	305.75	72.14	176.48	196.87	289.89	323.59	176.92	91.62	2,107.12
1969	Wet	102.04	80.58	76.19	458.09	420.87	134.76	296.70	302.18	270.71	282.47	242.59	252.11	2,919.29
1970	Wet	89.25	168.81	284.84	452.63	280.64	91.22	182.46	195.89	242.88	326.71	198.79	250.67	2,764.79
1971	Wet	131.83	99.93	117.84	341.20	93.59	432.15	140.47	234.69	251.31	332.35	213.32	247.31	2,635.99
1972	Below Normal	143.95	203.40	90.02	86.55	71.85	236.39	196.72	192.10	326.66	384.44	180.41	77.24	2,189.73
1973	Above Normal	107.46	97.97	168.25	340.21	396.25	157.55	107.08	176.29	308.17	350.69	183.00	137.24	2,530.16
1974	Wet	76.63	435.41	455.53	450.57	107.10	470.55	133.80	171.33	265.52	219.66	301.76	246.32	3,334.18
1975	Wet	152.53	259.96	73.52	77.53	83.33	488.94	100.77	252.11	287.56	250.14	246.24	260.31	2,532.94
1976	Critical	162.99	211.02	74.15	17.88	116.56	102.72	134.10	180.54	230.93	251.23	92.86	43.40	1,618.38
1977	Critical	160.18	115.24	104.53	93.92	131.19	98.53	213.49	124.95	254.65	212.14	85.76	56.59	1,651.17
1978	Above Normal	58.15	50.87	55.35	1.67	169.19	337.67	153.13	246.64	303.57	292.09	228.19	102.72	1,999.24
1979	Below Normal	151.23	138.59	103.45	110.57	77.56	72.35	84.70	146.06	276.05	300.37	159.94	76.70	1,697.57
1980	Above Normal	104.46	114.35	93.70	444.27	432.31	98.60	116.53	185.17	277.34	274.27	196.45	79.88	2,417.33
1981	Dry	108.22	181.25	90.50	79.53	59.52	69.23	94.41	222.90	363.69	317.63	174.93	77.31	1,839.12
1982	Wet	82.41	168.46	454.80	163.02	428.87	285.09	485.60	115.59	221.61	250.22	236.78	215.24	3,107.69
1983	Wet	177.28	142.77	304.24	438.92	410.42	463.84	312.23	237.84	303.56	307.94	310.30	238.23	3,647.57
1984	Wet	181.28	262.10	454.42	135.49	99.71	248.56	143.67	209.92	286.48	356.55	162.97	324.20	2,865.35
1985	Dry	75.47	95.22	136.27	82.91	72.90	85.42	151.70	236.18	261.39	250.57	183.62	91.57	1,723.22
1986	Wet	107.56	117.17	81.56	74.26	399.52	464.69	60.36	197.74	278.30	265.86	202.36	81.75	2,331.13
1987	Dry	85.21	151.04	91.66	74.41	63.54	71.80	185.52	238.39	334.67	281.48	135.98	82.93	1,796.63
1988	Critical	123.71	89.59	65.18	86.38	125.47	86.40	117.24	155.34	262.07	265.04	215.56	78.74	1,670.72
1989	Dry	104.93	55.37	71.76	31.94	64.05	46.78	81.97	238.05	228.26	291.03	173.97	51.03	1,439.14
1990	Critical	65.66	76.36	80.40	70.75	70.16	80.91	170.02	124.57	208.76	298.36	198.92	68.32	1,513.19
1991	Critical	89.63	74.03	71.23	71.17	64.44	67.19	73.75	144.52	179.38	207.24	120.86	70.59	1,234.03
1992	Critical	100.31	104.20	63.89	64.09	39.98	53.00	74.36	228.60	271.79	201.18	189.47	55.47	1,446.34
1993	Above Normal	109.84	56.66	49.95	46.82	41.04	55.02	110.98	185.50	256.83	349.62	199.85	221.36	1,683.47
1994	Critical	136.95	175.16	108.74	75.71	66.28	83.45	177.18	146.22	245.14	296.53	177.41	60.04	1,748.81
1995	Wet	100.91	79.70	67.89	240.90	147.78	471.66	183.51	325.99	240.20	288.06	291.40	213.35	2,651.35
1996	Wet	161.13	199.28	53.56	78.68	443.33	229.50	109.56	299.48	255.29	289.89	212.07	263.84	2,595.61
1997	Wet	170.86	199.32	442.22	450.36	93.36	118.33	167.43	244.47	254.94	304.15	157.01	262.13	2,864.58
1998	Wet	146.79	165.86	67.59	217.93	408.83	428.22	69.14	410.54	434.91	332.10	318.23	242.76	3,242.90
1999	Wet	189.28	227.52	250.02	176.36	430.83	286.36	103.39	254.12	268.05	318.47	219.18	261.60	2,985.18
2000	Above Normal	141.60	266.90	93.05	54.78	432.38	166.95	75.91	214.59	301.22	356.92	234.56	171.70	2,510.56
2001	Dry	144.05	203.96	100.99	71.73	51.42	59.95	138.15	235.07	329.23	282.42	139.14	83.34	1,839.45
2002	Dry	128.35	77.75	65.88	209.83	71.24	83.74	175.93	233.08	294.69	278.79	185.17	97.89	1,902.34
2003	Above Normal	146.44	110.09	214.13	346.36	97.57	83.59	222.05	355.00	273.85	376.40	174.11	159.82	2,559.41
	Average	117.09	132.89	139.67	152.73	175.59	167.02	158.25	203.69	260.59	289.13	206.65	149.41	2,152.73
	Wet	128.51	160.14	229.80	277.64	289.38	287.45	205.81	244.62	267.05	296.64	244.69	257.43	2,889.17
	Above Normal	111.68	140.60	120.65	163.50	244.82	187.00	137.26	211.75	293.40	339.94	218.47	155.69	2,324.76
	Below Normal	121.15	128.34	111.64	88.57	123.73	109.84	126.55	186.79	264.10	300.40	201.81	91.54	1,854.43
	Dry	107.72	111.51	86.06	77.79	71.70	82.98	140.03	185.57	259.51	280.33	179.57	90.39	1,673.15
	Critical	107.06	103.55	76.53	58.57	76.18	78.86	140.52	153.86	211.35	222.12	158.69	65.16	1,452.44

Energy generated (GWh) at Shasta Dam: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	88.57	143.49	77.86	63.84	86.19	111.72	101.46	215.56	332.38	312.03	257.47	183.56	1,974.13
1923	Below Normal	122.10	160.87	80.36	76.79	67.86	82.65	69.90	260.78	251.41	268.18	196.38	78.50	1,715.78
1924	Critical	105.67	101.06	97.33	42.72	65.39	99.51	175.62	176.51	211.61	196.61	154.34	85.53	1,511.90
1925	Dry	63.71	50.71	54.93	2.16	33.04	73.38	73.28	141.96	230.49	276.76	227.97	119.01	1,347.40
1926	Dry	125.65	94.64	79.97	73.69	38.23	96.86	93.83	166.81	267.39	287.33	192.96	102.36	1,619.72
1927	Wet	95.04	62.08	84.26	97.29	421.34	82.84	248.33	238.93	289.84	306.96	242.57	340.17	2,509.65
1928	Above Normal	110.23	73.89	88.66	92.35	54.82	274.12	85.15	189.13	327.45	371.41	225.92	197.76	2,090.89
1929	Critical	118.62	113.63	70.03	0.00	67.87	78.91	143.66	173.92	205.77	232.72	234.40	84.31	1,523.84
1930	Dry	97.88	80.70	51.00	66.14	53.61	68.65	109.96	132.52	213.31	222.99	153.58	71.11	1,321.45
1931	Critical	86.56	74.51	71.86	67.15	62.28	68.93	199.75	157.91	173.55	195.33	130.24	48.39	1,336.46
1932	Dry	51.41	42.79	54.60	36.71	57.57	60.61	106.20	92.37	124.00	147.08	122.81	74.73	970.88
1933	Critical	75.41	60.42	57.58	59.95	52.55	63.00	102.36	110.98	142.56	139.43	221.35	94.74	1,180.33
1934	Critical	57.73	46.35	53.80	53.06	51.83	63.69	105.53	122.87	150.20	169.28	79.99	35.79	990.12
1935	Below Normal	39.81	55.19	52.04	55.13	51.35	63.45	53.93	97.79	223.88	220.75	198.75	93.77	1,205.84
1936	Below Normal	90.62	80.16	72.39	45.67	63.21	102.64	110.83	154.79	207.26	281.93	193.52	83.16	1,486.18
1937	Below Normal	110.32	96.77	73.72	73.48	66.61	76.99	68.10	123.52	215.27	249.02	202.50	98.84	1,455.14
1938	Wet	87.43	89.54	417.64	108.79	428.21	466.35	269.61	206.23	260.54	314.83	246.94	254.13	3,150.24
1939	Dry	111.00	159.77	70.52	82.47	90.06	81.99	196.00	187.97	243.46	284.79	188.78	74.60	1,771.41
1940	Above Normal	101.12	103.20	74.32	51.72	417.63	461.13	100.49	178.92	282.51	331.86	229.65	100.83	2,433.38
1941	Wet	117.50	116.24	122.43	456.91	417.63	292.02	309.94	301.07	258.76	261.65	299.16	303.43	3,256.74
1942	Wet	136.92	204.98	238.97	428.62	420.80	114.40	96.57	275.62	240.87	283.28	272.12	301.21	3,014.36
1943	Wet	133.84	216.98	73.40	196.26	175.57	298.70	133.61	213.02	275.00	345.71	239.74	290.54	2,592.37
1944	Dry	115.26	187.53	92.26	89.33	62.08	49.79	149.63	133.16	180.23	242.19	176.83	73.07	1,551.36
1945	Below Normal	104.47	88.86	81.92	72.77	83.10	113.39	128.57	155.13	237.36	297.94	215.77	100.56	1,679.84
1946	Below Normal	147.45	111.49	454.38	174.43	100.67	117.79	182.10	214.12	280.03	305.40	222.17	106.31	2,416.34
1947	Dry	128.53	94.99	74.70	91.98	68.30	76.76	147.11	237.86	229.04	310.43	194.94	123.98	1,778.62
1948	Below Normal	88.66	82.83	86.83	66.09	70.67	77.17	92.51	243.64	242.05	341.02	243.15	145.90	1,780.52
1949	Dry	163.95	109.98	100.12	90.92	91.60	165.10	133.70	184.04	277.01	294.58	219.14	121.41	1,951.55
1950	Below Normal	134.23	103.10	97.23	89.55	89.20	112.60	96.42	172.50	225.84	236.26	187.91	75.82	1,620.66
1951	Above Normal	139.92	203.22	358.80	177.24	340.73	99.11	168.47	150.31	302.58	351.05	222.30	131.91	2,645.64
1952	Wet	106.63	152.54	221.84	197.94	409.67	271.56	443.73	243.76	209.29	259.61	283.20	217.00	3,016.77
1953	Wet	163.29	223.87	74.23	458.81	85.46	96.92	117.71	240.98	255.78	321.91	234.06	298.83	2,571.85
1954	Above Normal	92.14	213.16	76.29	252.52	393.61	217.93	257.70	205.84	277.16	356.77	245.22	211.19	2,799.53
1955	Dry	117.02	124.16	99.32	69.81	85.34	85.11	143.22	134.03	230.84	298.45	178.37	69.09	1,634.76
1956	Wet	109.81	80.70	442.98	451.32	426.19	85.05	84.24	297.11	258.59	257.89	222.86	281.39	2,998.13
1957	Above Normal	134.44	252.30	97.70	93.21	76.52	179.83	148.34	238.48	278.39	356.21	225.51	150.69	2,231.62
1958	Wet	122.36	168.17	205.80	284.83	449.75	492.86	263.32	178.92	248.63	294.42	302.73	234.73	3,246.52
1959	Below Normal	161.98	256.70	102.60	78.17	298.39	67.90	183.88	221.68	311.05	327.52	229.57	45.90	2,285.34
1960	Dry	134.45	105.14	100.04	77.78	59.79	83.09	173.51	133.79	339.83	337.54	183.49	116.80	1,845.25
1961	Dry	115.53	91.02	114.19	78.75	214.78	150.73	166.16	200.42	289.77	351.28	243.12	114.41	2,130.16
1962	Below Normal	138.04	124.33	87.86	89.43	297.12	73.36	161.91	211.35	268.68	318.18	210.84	91.12	2,072.22
1963	Wet	179.96	125.38	218.09	111.67	178.74	160.22	493.08	142.87	262.30	350.05	226.38	288.43	2,737.17
1964	Dry	70.43	99.19	100.14	89.39	54.10	85.74	225.61	184.87	220.29	289.64	159.29	76.56	1,655.25
1965	Wet	84.71	79.97	429.68	458.56	98.45	118.48	159.96	192.47	270.29	296.85	200.53	266.48	2,656.43
1966	Below Normal	139.48	160.25	88.84	96.78	88.20	271.88	165.89	225.24	341.58	348.48	206.66	116.50	2,249.78
1967	Wet	137.68	80.65	231.25	212.22	163.85	380.52	241.79	377.00	251.65	290.62	278.26	263.30	2,908.79
1968	Below Normal	125.12	195.70	90.93	94.93	263.87	72.14	176.61	196.92	289.91	323.58	176.93	91.62	2,098.26
1969	Wet	102.04	80.58	76.18	458.07	420.87	134.76	296.70	302.18	270.72	282.48	242.60	252.07	2,919.25
1970	Wet	90.94	167.19	284.75	452.63	280.64	91.22	182.47	195.91	242.89	326.70	198.80	252.94	2,767.08
1971	Wet	131.24	99.23	116.52	341.20	93.59	432.15	140.45	234.71	251.29	332.15	213.30	247.35	2,633.18
1972	Below Normal	143.96	203.58	90.02	86.55	71.85	236.40	196.72	192.10	326.67	384.44	180.42	77.29	2,190.00
1973	Above Normal	107.47	97.89	168.25	340.21	396.25	157.55	107.08	176.29	308.18	350.69	183.00	143.86	2,536.72
1974	Wet	76.75	434.92	455.53	450.57	107.10	470.55	133.80	171.33	265.53	219.65	301.76	246.33	3,333.82
1975	Wet	152.52	257.88	73.56	77.57	83.36	489.07	100.77	252.11	287.57	250.15	246.23	260.31	2,531.10
1976	Critical	162.99	211.56	74.16	17.87	116.56	102.71	134.07	180.51	230.34	250.89	93.15	43.40	1,618.21
1977	Critical	160.53	115.25	104.56	93.99	131.40	98.52	213.45	125.08	254.69	212.05	84.95	56.61	1,651.08
1978	Above Normal	58.12	50.93	55.35	1.67	169.09	337.67	153.13	246.64	303.62	292.14	228.24	103.50	2,000.10
1979	Below Normal	152.08	189.46	102.01	106.74	74.44	74.23	83.94	138.54	271.04	281.01	156.00	76.28	1,705.77
1980	Above Normal	105.32	90.91	92.87	444.27	432.31	98.60	116.70	185.32	277.45	274.36	196.52	99.16	2,413.79
1981	Dry	108.93	170.22	90.25	79.32	59.39	69.09	94.22	222.15	363.00	319.99	171.06	79.32	1,826.94
1982	Wet	82.13	156.31	454.80	163.02	428.87	285.09	485.60	115.63	221.65	250.25	236.66	215.24	3,095.25
1983	Wet	177.28	142.77	304.24	438.92	410.42	463.84	312.23	237.84	303.56	307.94	310.30	238.23	3,647.57
1984	Wet	181.28	262.10	454.42	135.49	99.71	248.56	143.70	209.95	286.50	356.55	162.99	324.21	2,865.46
1985	Dry	75.49	95.08	136.27	82.91	72.90	85.42	151.72	236.19	261.38	250.58	183.63	91.59	1,723.16
1986	Wet	107.58	117.22	81.56	74.26	399.51	464.69	60.38	197.76	278.32	265.88	202.37	81.74	2,331.27
1987	Dry	85.22	153.76	91.59	74.36	63.50	71.76	185.40	238.10	334.46	281.27	139.03	82.01	1,800.46
1988	Critical	121.83	89.48	65.11	86.30	124.83	86.52	117.38	155.25	262.34	264.71	215.22	78.63	1,667.60
1989	Dry	104.87	55.27	71.64	31.21	63.98	46.74	81.92	237.73	227.89	290.73	173.81	51.00	1,436.79
1990	Critical	65.61	76.35	80.34	70.71	70.12	80.86	169.93	124.52	208.66	298.20	180.53	90.19	1,516.02
1991	Critical	90.80	73.26	71.05	70.99	64.29	67.04	73.60	144.33	179.04	207.06	120.65	70.36	1,232.47
1992	Critical	100.02	103.89	63.63	63.84	39.85	52.87	74.20	228.35	280.42	189.34	189.91	54.50	1,440.82
1993	Above Normal	109.14	52.39	49.95	46.82	41.04	57.46	110.93	182.73	256.83	349.37	199.67	221.25	1,677.58
1994	Critical	137.51	174.62	109.55	75.70	66.28	83.45	177.18	146.74	246.06	296.38	177.11	60.10	1,750.68
1995	Wet	101.13	79.74	67.83	238.87	147.78	471.66	183.51	325.99	240.20	288.06	291.40	213.35	2,649.52
1996	Wet	161.13	243.47	52.99	77.93	440.33	229.50	109.56	299.48	255.37	289.93	212.12	263.83	2,635.64
1997	Wet	167.50	199.45	442.46	450.36	93.36	118.33	167.46	244.51	254.98	303.09	157.04	262.33	2,860.87
1998	Wet	147.11	166.00	67.60	218.33	408.83	428.22	69.14	410.54	434.91	332.10	318.23	242.76	3,243.77
1999	Wet	189.28	227.52	250.02	176.36	430.83	286.36	103.39	254.12	268.09	318.48	219.21	261.53	2,985.19
2000	Above Normal	141.88	267.09	93.18	54.77	432.34	166.95	75.91	214.59	301.25	356.92	234.58	171.71	2,511.17
2001	Dry	143.97	204.00	101.55	71.71	51.41	59.94	138.17	235.02	329.09	282.31	138.93	83.36	1,839.46
2002	Dry	128.19	77.75	65.88	209.75	71.24	83.74	175.96	233.11	294.72	278.77	185.19	98.77	1,903.07
2003	Above Normal	146.74	110.07	212.76	346.36	97.57	83.59	222.05	355.00	273.87	376.52	174.13	159.73	2,558.39
	Average	117.09	134.64	139.25	152.30	175.00	167.11	158.56	203.49	260.47	288.65	206.33	149.81	2,152.68
	Wet	128.58	162.90	228.58	277.57	289.26	287.46	205.81	244.62	267.04	296.43	244.68	257.76	2,890.69
	Above Normal	111.26	138.21	120.50	163.75	244.84	187.14	137.28	211.57	293.47	339.94	218.52	156.26	2,322.75
	Below Normal	121.31	136.38	111.51	86.18	120.47	110.19	126.52	186.29	263.72	298.84	201.47	91.54	1,854.41
	Dry	107.86	110.93	86.05	77.69	71.72	83.03	141.42	185.12	258.68	280.37	179.61	90.18	1,672.65
	Critical	106.94	103.37	76.58	58.52	76.10	78.83	140.56	153.91	212.10	221.00	156.82	66.88	1,451.63

Difference in Energy generated (GWh) at Shasta Dam: Alternative4_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	0.02	0.00	0.00	0.00	0.00	0.00	(0.02)	0.01	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.10	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.10)	(0.08)	(0.08)	0.01	(0.02)
1924	Critical	0.00	0.01	0.01	0.09	0.00	0.01	0.02	0.21	0.12	0.04	(0.07)	0.16	0.05
1925	Dry	0.11	(0.03)	(0.02)	(0.22)	0.00	(0.01)	(0.01)	0.06	0.04	(0.01)	0.02	0.04	0.00
1926	Dry	0.04	0.04	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	0.01	(0.32)	(0.02)	(0.23)	(0.06)	(0.05)
1927	Wet	0.03	(0.01)	(0.01)	(0.01)	(0.03)	0.00	0.00	0.00	0.05	0.01	0.05	0.04	0.01
1928	Above Normal	0.04	(0.01)	(0.01)	(0.01)	0.00	(0.21)	0.00	0.05	0.01	0.05	0.02	0.00	(0.01)
1929	Critical	0.03	(0.02)	(0.02)	0.00	0.00	0.00	0.04	0.02	0.02	0.01	(0.01)	0.02	0.01
1930	Dry	0.02	0.05	0.06	(0.01)	(0.01)	0.00	0.02	0.02	(0.01)	(0.15)	(0.12)	0.03	(0.01)
1931	Critical	0.02	0.05	(0.01)	(0.02)	(0.01)	(0.01)	(0.01)	0.16	0.02	(0.01)	(0.75)	0.00	(0.05)
1932	Dry	0.00	0.00	0.00	0.71	(0.04)	(0.03)	0.04	0.18	(1.21)	0.00	1.38	(0.09)	0.08
1933	Critical	0.09	0.00	(0.09)	(0.10)	(0.08)	(0.07)	0.74	0.17	0.02	(0.09)	(0.40)	(0.18)	0.00
1934	Critical	(1.39)	(1.10)	0.52	0.02	(0.06)	(0.06)	0.03	0.00	0.02	(0.24)	(1.84)	0.00	(0.34)
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.13	0.08	0.10	0.10	0.05
1936	Below Normal	0.09	0.09	(0.03)	(0.02)	(0.01)	(0.02)	(0.02)	0.08	0.07	(0.06)	0.04	0.08	0.02
1937	Below Normal	0.06	0.07	(0.04)	(0.04)	(0.03)	(0.03)	(0.02)	0.05	0.02	(0.22)	(0.01)	0.05	(0.01)
1938	Wet	(0.04)	(1.80)	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.09	0.08	(0.01)	(0.13)
1939	Dry	(0.28)	0.17	2.02	(0.04)	(0.13)	(0.03)	25.14	(7.46)	(12.87)	(0.57)	(0.76)	(8.21)	(0.25)
1940	Above Normal	(4.38)	0.77	0.14	0.08	0.41	0.00	0.00	0.41	0.61	(0.07)	0.45	(19.78)	(1.78)
1941	Wet	0.87	6.02	13.15	0.00	0.00	0.00	0.00	0.00	0.04	(0.04)	0.00	0.00	1.67
1942	Wet	1.37	5.40	(7.22)	0.00	0.00	0.00	0.00	0.00	0.05	0.05	(0.10)	0.03	(0.04)
1943	Wet	0.02	(0.52)	0.01	0.51	0.00	0.00	0.00	0.00	(0.15)	(4.65)	0.09	3.00	(0.14)
1944	Dry	0.19	(2.20)	0.12	0.11	0.07	1.25	0.20	0.22	0.31	(0.12)	1.05	0.81	0.17
1945	Below Normal	0.10	0.03	0.02	0.02	0.02	0.03	0.04	(0.03)	(0.05)	(0.22)	(0.04)	0.00	(0.01)
1946	Below Normal	(0.23)	1.83	0.00	0.00	0.00	0.00	0.07	0.06	0.06	(1.91)	(1.00)	0.17	(0.08)
1947	Dry	1.18	0.15	0.03	0.05	0.02	0.03	0.12	0.17	0.52	0.12	1.99	(0.85)	0.29
1948	Below Normal	(0.07)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.02	0.00	(0.60)	(0.09)	0.03	0.06	(0.06)
1949	Dry	(0.01)	0.04	0.00	0.00	0.00	(0.04)	0.02	0.03	0.02	(0.01)	(0.07)	0.40	0.03
1950	Below Normal	0.03	0.00	0.00	(0.01)	(0.01)	(0.01)	0.01	0.01	0.00	(0.01)	0.00	0.01	0.00
1951	Above Normal	(0.15)	(0.44)	0.00	0.00	0.00	(0.50)	0.16	0.04	0.05	0.02	0.05	0.07	(0.06)
1952	Wet	0.03	0.03	0.10	0.00	0.00	0.00	0.00	0.00	0.02	(0.01)	0.00	(0.24)	(0.01)
1953	Wet	0.10	35.25	(35.79)	(0.08)	0.00	0.00	(0.16)	0.16	0.00	0.12	(0.13)	(0.01)	(0.04)
1954	Above Normal	(1.26)	(1.44)	0.05	2.93	0.00	0.00	0.00	0.00	(0.03)	0.00	0.10	0.06	0.03
1955	Dry	0.56	0.59	(0.03)	(1.38)	0.65	(0.02)	(0.05)	(0.06)	(0.02)	(0.13)	(0.81)	(0.05)	(0.06)
1956	Wet	1.44	0.04	(0.09)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	0.02	0.12
1957	Above Normal	0.01	0.03	0.03	0.00	0.00	(0.10)	0.02	(0.01)	0.01	0.00	0.01	0.01	0.00
1958	Wet	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.77)	(0.07)
1959	Below Normal	0.79	27.07	(0.73)	(29.01)	0.00	0.00	0.17	0.22	0.10	(0.03)	0.01	0.04	(0.11)
1960	Dry	0.51	(0.51)	(0.05)	(0.01)	(0.01)	(0.01)	(0.12)	(0.03)	(0.04)	(0.08)	(0.15)	2.11	0.13
1961	Dry	(0.27)	(0.05)	(2.27)	0.00	0.00	0.00	0.00	(0.02)	(0.02)	0.00	(0.42)	(0.05)	(0.26)
1962	Below Normal	0.51	0.41	(0.01)	0.29	(0.73)	0.00	0.02	0.02	0.01	0.06	0.01	0.01	0.05
1963	Wet	(0.13)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	(0.01)	(0.01)
1964	Dry	0.01	(0.16)	0.00	0.05	(0.01)	0.00	0.04	0.03	0.03	0.02	0.02	0.03	0.00
1965	Wet	0.00	0.00	(0.10)	0.00	0.00	0.00	0.00	(0.39)	(0.46)	0.00	(0.27)	(0.07)	(0.11)
1966	Below Normal	0.06	(1.37)	0.06	0.05	0.05	2.99	0.00	0.07	0.04	(0.01)	0.15	(0.08)	0.17
1967	Wet	(0.02)	0.00	(0.18)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	4.34	0.35
1968	Below Normal	(0.03)	33.30	0.40	(0.85)	(41.88)	0.00	0.13	0.05	0.02	(0.01)	0.01	0.00	(0.74)
1969	Wet	0.00	0.00	(0.01)	(0.02)	0.00	0.00	0.00	0.00	0.01	0.01	0.01	(0.04)	0.00
1970	Wet	1.69	(1.62)	(0.09)	0.00	0.00	0.00	0.01	0.02	0.01	(0.01)	0.01	2.27	0.19
1971	Wet	(0.59)	(0.70)	(1.32)	0.00	0.00	0.00	(0.02)	0.02	(0.02)	(0.20)	(0.02)	0.04	(0.23)
1972	Below Normal	0.01	0.18	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.05	0.02
1973	Above Normal	0.01	(0.08)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	6.62	0.55
1974	Wet	0.12	(0.49)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)	0.00	0.01	(0.03)
1975	Wet	(0.01)	(2.08)	0.04	0.04	0.03	0.13	0.00	0.00	0.01	0.01	(0.01)	0.00	(0.15)
1976	Critical	0.00	0.54	0.01	(0.01)	0.00	(0.01)	(0.03)	(0.03)	(0.59)	(0.34)	0.29	0.00	(0.01)
1977	Critical	0.35	0.01	0.03	0.07	0.21	(0.01)	(0.04)	0.13	0.04	(0.09)	(0.81)	0.02	(0.01)
1978	Above Normal	(0.03)	0.06	0.00	0.00	(0.10)	0.00	0.00	0.00	0.05	0.05	0.05	0.78	0.07
1979	Below Normal	0.85	50.87	(1.44)	(3.83)	(3.12)	1.88	(0.76)	(7.52)	(5.01)	(19.36)	(3.94)	(0.42)	0.68
1980	Above Normal	0.86	(23.44)	(0.83)	0.00	0.00	0.00	0.17	0.15	0.11	0.09	0.07	19.28	(0.29)
1981	Dry	0.71	(11.03)	(0.25)	(0.21)	(0.13)	(0.14)	(0.19)	(0.75)	(0.69)	2.36	(3.87)	2.01	(1.02)
1982	Wet	(0.28)	(12.15)	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.03	(0.12)	0.00	(1.04)
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.02	0.00	0.02	0.01	0.01
1985	Dry	0.02	(0.14)	0.00	0.00	0.00	0.00	0.02	0.01	(0.01)	0.01	0.01	0.02	0.00
1986	Wet	0.02	0.05	0.00	0.00	(0.01)	0.00	0.02	0.02	0.02	0.02	0.01	(0.01)	0.01
1987	Dry	0.01	2.72	(0.07)	(0.05)	(0.04)	(0.04)	(0.12)	(0.29)	(0.21)	(0.21)	3.05	(0.92)	0.32
1988	Critical	(1.88)	(0.11)	(0.07)	(0.08)	(0.64)	0.12	0.14	(0.09)	0.27	(0.33)	(0.34)	(0.11)	(0.26)
1989	Dry	(0.06)	(0.10)	(0.12)	(0.73)	(0.07)	(0.04)	(0.05)	(0.32)	(0.37)	(0.30)	(0.16)	(0.03)	(0.20)
1990	Critical	(0.05)	(0.01)	(0.06)	(0.04)	(0.04)	(0.05)	(0.09)	(0.05)	(0.10)	(0.16)	(18.39)	21.87	0.24
1991	Critical	1.17	(0.77)	(0.18)	(0.18)	(0.15)	(0.15)	(0.15)	(0.19)	(0.34)	(0.18)	(0.21)	(0.23)	(0.13)
1992	Critical	(0.29)	(0.31)	(0.26)	(0.25)	(0.13)	(0.13)	(0.16)	(0.25)	8.63	(11.84)	0.44	(0.97)	(0.46)
1993	Above Normal	(0.70)	(4.27)	0.00	0.00	0.00	2.44	(0.05)	(2.77)	0.00	(0.25)	(0.18)	(0.11)	(0.49)
1994	Critical	0.56	(0.54)	0.81	(0.01)	0.00	0.00	0.00	0.52	0.92	(0.15)	(0.30)	0.06	0.16
1995	Wet	0.22	0.04	(0.06)	(2.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.15)
1996	Wet	0.00	44.19	(0.57)	(0.75)	(3.00)	0.00	0.00	0.00	0.08	0.04	0.05	(0.01)	3.34
1997	Wet	(3.36)	0.13	0.24	0.00	0.00	0.00	0.03	0.04	0.04	(1.06)	0.03	0.20	(0.31)
1998	Wet	0.32	0.14	0.01	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.01	0.03	(0.07)	0.00
2000	Above Normal	0.28	0.19	0.13	(0.01)	(0.04)	0.00	0.00	0.00	0.03	0.00	0.02	0.01	0.05
2001	Dry	(0.08)	0.04	0.56	(0.02)	(0.01)	(0.01)	0.02	(0.05)	(0.14)	(0.11)	(0.21)	0.02	0.00
2002	Dry	(0.16)	0.00	0.00	(0.08)	0.00	0.00	0.03	0.03	0.03	(0.02)	0.02	0.88	0.06
2003	Above Normal	0.30	(0.02)	(1.37)	0.00	0.00	0.00	0.00	0.00	0.02	0.12	0.02	(0.09)	(0.09)
	Average	0.00	1.75	(0.43)	(0.42)	(0.60)	0.09	0.31	(0.20)	(0.13)	(0.49)	(0.32)	0.39	(0.00)
	Wet	0.07	2.77	(1.23)	(0.07)	(0.12)	0.00	(0.00)	(0.00)	(0.00)	(0.21)	(0.01)	0.34	0.13
	Above Normal	(0.42)	(2.39)	(0.16)	0.25	0.02	0.14	0.03	(0.18)	0.07	0.00	0.05	0.57	(0.17)
	Below Normal	0.15	8.04	(0.13)	(2.39)	(3.27)	0.35	(0.02)	(0.50)	(0.38)	(1.56)	(0.34)	0.01	(0.00)
	Dry	0.14	(0.58)	(0.00)	(0.10)	0.02	0.05	1.39	(0.46)	(0.83)	0.04	0.04	(0.22)	(0.04)
	Critical	(0.12)	(0.19)	0.06	(0.04)	(0.07)	(0.03)	0.04	0.05	0.75	(1.12)	(1.87)	1.72	(0.07)

Percent Difference in Energy generated (GWh) at Shasta Dam: Alternative4_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%	-9%	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%	-1%	0%
1932	Dry	0%	0%	0%	2%	0%	0%	0%	0%	-1%	0%	1%	0%
1933	Critical	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1934	Critical	-2%	-2%	1%	0%	0%	0%	0%	0%	0%	0%	-2%	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%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	3%	0%	0%	0%	15%	-4%	-5%	0%	0%	-10%
1940	Above Normal	-4%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-16%
1941	Wet	1%	5%	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	1%	3%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	1%
1944	Dry	0%	-1%	0%	0%	0%	3%	0%	0%	0%	0%	1%	1%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	2%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1947	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	-1%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	19%	-33%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	-1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	-2%	1%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	1%	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%	12%	-1%	-27%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1961	Dry	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1968	Below Normal	0%	21%	0%	-1%	-14%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1971	Wet	0%	-1%	-1%	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%	5%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1979	Below Normal	1%	37%	-1%	-3%	-4%	3%	-1%	-5%	-2%	-6%	-2%	-1%
1980	Above Normal	1%	-20%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	24%
1981	Dry	1%	-6%	0%	0%	0%	0%	0%	0%	0%	1%	-2%	3%
1982	Wet	0%	-7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	2%	-1%
1988	Critical	-2%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-9%	32%
1991	Critical	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	3%	-6%	0%	-2%
1993	Above Normal	-1%	-8%	0%	0%	0%	4%	0%	-1%	0%	0%	0%	0%
1994	Critical	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	22%	-1%	-1%	-1%	0%	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%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
2003	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	1%
	Wet	0%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
	Below Normal	0%	5%	0%	-2%	-1%	0%	0%	0%	0%	-1%	0%	0%
	Dry	0%	0%	0%	-1%	0%	0%	1%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	2%

Energy generated (GWh) at Spring Creek: CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	107.31	15.54	14.54	18.59	17.92	4.93	32.01	19.85	0.00	44.35	44.49	58.86	378.39
1923	Below Normal	27.07	17.65	21.60	16.62	7.59	0.67	14.90	5.94	34.61	60.01	67.94	43.87	318.47
1924	Critical	27.09	15.48	0.00	43.13	9.27	0.00	0.00	0.00	5.38	44.42	44.57	31.85	221.19
1925	Dry	10.34	11.21	10.36	90.81	47.81	12.81	23.03	22.90	22.06	52.33	28.93	21.40	353.99
1926	Dry	13.25	5.57	3.22	4.37	41.81	11.22	8.66	3.94	18.43	52.17	36.77	41.35	240.76
1927	Wet	13.16	19.97	26.42	18.91	61.46	33.44	17.89	11.52	0.00	44.44	44.63	59.04	350.88
1928	Above Normal	42.41	32.45	10.62	21.90	31.56	43.05	14.11	0.00	0.00	18.40	60.17	58.98	333.65
1929	Critical	27.07	15.54	7.89	97.58	3.69	1.21	0.00	5.46	26.41	75.65	44.50	28.86	333.86
1930	Dry	13.14	5.27	24.54	7.80	18.19	12.52	0.00	4.45	26.21	36.63	53.63	28.95	231.33
1931	Critical	13.23	5.53	0.00	6.86	4.97	7.13	0.00	0.00	5.44	44.26	60.67	26.71	174.80
1932	Dry	24.71	12.21	0.00	31.38	0.00	4.32	0.00	1.80	32.65	48.96	38.68	3.07	197.78
1933	Critical	10.44	4.03	0.39	0.00	0.01	0.00	5.50	9.43	12.52	44.32	5.39	6.27	98.30
1934	Critical	42.48	2.36	1.44	6.21	5.80	2.37	1.79	0.00	5.39	44.39	138.26	99.71	350.20
1935	Below Normal	12.47	0.00	0.00	0.00	4.96	2.70	23.07	7.49	4.75	44.44	5.44	6.24	111.56
1936	Below Normal	5.56	2.38	0.00	34.69	37.38	13.82	2.57	0.00	0.00	28.73	36.66	28.82	190.61
1937	Below Normal	13.13	2.34	0.00	0.00	0.00	0.04	14.20	16.02	6.81	52.18	28.87	21.30	154.89
1938	Wet	11.62	28.70	40.18	7.81	22.03	57.27	47.14	43.54	7.28	0.00	44.58	53.88	364.03
1939	Dry	64.07	8.46	15.47	0.02	1.05	3.50	53.60	22.48	48.58	100.61	100.74	71.35	489.93
1940	Above Normal	31.10	31.10	4.19	32.26	63.64	37.10	16.65	1.23	18.09	60.06	60.15	43.92	399.49
1941	Wet	27.29	16.13	47.07	69.81	62.72	67.18	55.04	76.64	15.58	102.97	59.06	80.61	680.10
1942	Wet	61.80	16.36	88.29	37.90	56.37	3.30	24.00	7.51	0.81	54.35	48.17	75.59	474.45
1943	Wet	58.47	17.25	30.54	37.24	23.33	39.53	0.00	0.00	0.00	44.45	44.57	58.92	354.30
1944	Dry	42.47	15.86	3.07	5.03	13.44	39.17	0.00	2.33	41.67	100.66	67.94	43.81	375.45
1945	Below Normal	12.20	8.59	6.38	8.29	24.22	6.46	0.00	0.00	16.42	44.44	52.36	43.85	223.21
1946	Below Normal	13.99	9.60	40.33	18.51	6.53	2.48	0.00	0.00	14.44	44.39	60.16	43.89	254.32
1947	Dry	27.09	17.65	6.11	0.00	6.04	8.53	0.00	0.85	22.62	52.27	68.00	30.37	239.53
1948	Below Normal	14.33	5.02	0.00	14.56	5.31	5.63	19.46	8.43	2.80	0.00	44.61	0.64	120.79
1949	Dry	4.20	1.42	0.00	0.00	4.94	48.94	4.65	0.00	17.12	44.49	60.23	43.85	229.84
1950	Below Normal	27.06	15.64	3.00	9.34	14.19	3.29	1.97	2.81	17.60	59.95	52.25	43.86	250.96
1951	Above Normal	37.88	12.24	21.51	14.88	31.19	9.89	30.37	6.64	0.00	46.04	60.97	59.58	331.19
1952	Wet	44.10	23.01	27.07	17.52	40.63	28.64	86.35	6.70	3.43	89.26	51.37	76.93	495.01
1953	Wet	59.36	2.75	30.67	50.33	22.46	25.50	27.34	4.04	3.15	35.71	54.21	81.72	397.24
1954	Above Normal	60.39	49.99	28.33	40.55	36.38	88.03	79.51	1.32	0.00	46.20	46.10	60.38	537.18
1955	Dry	43.94	20.82	14.55	41.55	4.28	0.00	0.00	9.37	19.83	61.35	60.53	44.38	320.60
1956	Wet	27.91	18.93	47.69	65.48	31.48	37.29	38.93	2.76	0.00	44.93	32.96	50.56	398.92
1957	Above Normal	63.29	5.25	4.40	7.17	29.34	46.39	0.00	14.66	3.02	47.06	45.83	61.42	327.83
1958	Wet	39.48	49.77	62.75	80.21	115.11	66.69	40.15	81.38	0.37	88.00	55.68	78.34	757.93
1959	Below Normal	60.45	2.50	4.82	77.93	23.68	21.66	34.91	0.00	37.66	60.69	80.17	74.85	479.32
1960	Dry	27.79	16.43	4.26	7.71	26.51	14.34	0.00	1.85	0.00	45.94	60.99	44.77	250.59
1961	Dry	28.15	18.65	13.91	5.42	22.62	14.24	0.00	0.00	0.00	45.78	60.92	59.84	269.53
1962	Below Normal	28.06	18.57	11.88	2.09	33.05	20.25	0.00	0.00	16.65	45.47	61.08	44.62	281.72
1963	Wet	10.95	5.06	6.37	3.74	22.86	4.75	34.75	6.47	1.31	47.44	46.01	87.74	277.45
1964	Dry	44.42	26.47	0.25	30.22	29.39	0.77	5.92	3.31	32.26	61.70	77.32	43.96	355.99
1965	Wet	26.99	15.54	28.06	31.49	7.54	0.00	12.04	0.00	0.00	44.55	44.48	44.02	254.71
1966	Below Normal	26.98	37.02	12.07	20.61	21.35	19.59	47.44	0.00	0.00	44.48	100.70	58.98	389.22
1967	Wet	42.42	24.66	22.99	45.92	33.20	43.04	22.80	13.05	0.08	57.22	51.65	81.43	438.46
1968	Below Normal	65.85	5.89	11.11	21.17	23.99	24.36	0.00	0.11	19.20	70.15	66.65	58.94	367.42
1969	Wet	27.07	17.13	16.42	39.19	39.54	17.88	12.36	31.47	1.21	49.11	48.09	52.77	352.24
1970	Wet	60.79	2.40	119.71	126.05	23.83	30.91	0.00	0.00	36.49	64.19	63.81	76.11	604.29
1971	Wet	36.64	30.31	22.77	33.90	14.43	16.93	19.73	7.47	6.53	5.52	47.37	74.30	315.90
1972	Below Normal	61.23	9.52	10.94	32.46	8.63	108.90	0.00	0.00	0.00	1.76	86.24	63.73	383.41
1973	Above Normal	31.69	17.15	7.14	34.55	45.75	40.22	13.57	4.72	0.00	48.42	86.75	61.65	391.61
1974	Wet	31.16	53.59	42.03	126.05	25.19	58.71	43.27	9.01	3.78	49.06	53.49	78.02	573.36
1975	Wet	62.00	2.87	9.36	4.36	25.20	56.93	18.54	6.80	3.90	76.28	52.00	78.87	397.11
1976	Critical	68.06	20.93	16.21	96.64	4.78	0.00	0.00	1.31	59.68	102.35	71.03	46.60	487.59
1977	Critical	14.94	14.93	23.58	7.56	8.35	0.00	0.00	0.14	8.46	49.67	138.83	3.03	269.49
1978	Above Normal	77.33	0.32	0.00	95.30	36.71	41.15	14.49	2.98	0.00	43.62	44.89	47.75	404.54
1979	Below Normal	28.05	3.78	0.15	1.22	7.66	14.74	0.00	3.31	18.81	46.74	54.19	44.81	223.46
1980	Above Normal	26.76	7.43	2.54	17.11	47.57	21.36	0.81	0.00	19.68	46.83	62.76	62.22	315.07
1981	Dry	27.12	10.06	9.67	24.90	18.26	19.61	0.00	1.56	21.50	66.67	91.64	45.71	336.70
1982	Wet	30.30	23.80	33.66	20.12	29.57	57.29	21.22	5.20	0.50	46.89	5.16	19.85	293.56
1983	Wet	76.57	26.06	23.05	47.22	67.54	121.72	46.09	103.69	104.96	107.14	79.71	89.51	893.26
1984	Wet	69.13	82.64	56.08	70.23	12.95	19.60	0.00	0.00	0.00	44.97	83.52	43.77	482.89
1985	Dry	42.49	21.07	7.53	37.79	3.61	0.00	0.00	5.70	52.29	100.55	100.84	43.98	415.85
1986	Wet	28.04	6.30	4.87	14.98	70.02	29.49	63.63	0.00	14.20	61.09	60.17	59.10	411.89
1987	Dry	27.00	16.86	4.17	5.29	11.22	14.74	0.00	1.22	32.27	100.72	100.75	63.49	377.73
1988	Critical	29.61	5.66	18.79	16.51	4.20	0.36	19.89	8.15	31.83	75.55	44.49	29.54	284.58
1989	Dry	14.23	12.82	0.78	52.72	0.06	39.29	0.00	0.00	14.58	56.02	37.18	29.65	257.33
1990	Critical	18.31	5.79	0.00	9.18	1.99	0.00	0.00	9.81	9.75	37.60	44.42	28.78	165.63
1991	Critical	13.20	5.80	0.00	0.00	0.00	8.50	0.00	0.33	5.43	44.33	44.58	6.11	128.28
1992	Critical	5.34	2.32	0.00	0.00	34.17	27.69	0.00	1.13	8.64	45.27	100.61	39.18	264.35
1993	Above Normal	8.44	41.31	8.01	23.59	31.00	30.70	6.54	8.74	13.05	2.59	48.73	29.77	252.47
1994	Critical	17.42	2.88	9.08	6.00	9.30	0.00	0.00	16.72	42.41	69.85	77.48	28.81	279.95
1995	Wet	12.81	4.42	0.77	116.98	25.76	70.70	14.50	10.36	5.91	33.63	57.85	83.73	437.42
1996	Wet	61.37	3.39	55.83	43.56	34.71	64.93	9.96	2.50	0.00	45.91	44.61	44.97	411.74
1997	Wet	27.53	19.48	49.20	49.36	13.08	0.72	30.28	0.00	29.29	60.01	75.72	43.80	398.47
1998	Wet	34.73	26.72	7.31	43.99	113.86	46.57	54.31	25.38	105.89	110.94	67.39	80.64	717.73
1999	Wet	61.10	45.32	41.03	22.57	22.82	63.84	17.23	4.19	0.16	47.49	46.14	55.74	427.63
2000	Above Normal	57.50	19.87	8.73	69.75	65.60	33.06	83.38	9.43	6.10	45.40	53.06	87.75	539.63
2001	Dry	27.03	15.55	2.92	9.58	26.84	29.07	0.94	14.02	41.67	100.97	101.34	44.56	414.49
2002	Dry	66.96	23.02	30.88	33.10	14.75	5.13	0.00	0.00	16.36	44.72	60.14	43.83	338.89
2003	Above Normal	27.02	15.81	39.98	34.07	9.50	9.59	18.65	17.99	0.00	57.77	83.51	81.49	395.38
	Average	34.71	16.22	17.58	31.34	25.12	24.86	16.47	9.02	15.56	53.85	59.49	50.32	354.53
	Wet	40.11	22.41	36.16	47.11	39.14	40.88	29.14	17.68	13.26	55.98	52.40	65.77	460.04
	Above Normal	47.59	20.71	12.50	34.14	37.18	33.79	25.84	7.30	5.00	42.23	58.12	59.48	383.87
	Below Normal	28.32	9.89	8.73	18.39	15.61	17.47	11.32	3.15	13.55	43.10	56.95	41.31	267.81
	Dry	30.47	14.41	8.43	21.54	16.16	15.46	5.38	5.32	25.56	65.14	67.03	41.57	316.46
	Critical	23.93	8.44	6.45	24.14	7.21	3.94	2.27	4.37	18.45	56.47	67.90	31.29	254.85

Energy generated (GWh) at Spring Creek: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	107.31	15.54	14.54	18.59	17.92	4.93	32.01	19.85	0.00	44.35	44.49	58.86	378.39
1923	Below Normal	27.07	17.65	21.60	16.62	7.59	0.67	14.90	5.94	34.61	60.00	67.94	43.87	318.46
1924	Critical	27.09	15.48	0.00	43.02	9.27	0.00	0.00	0.00	5.38	44.42	44.57	31.85	221.08
1925	Dry	10.34	11.21	10.36	91.15	47.81	12.81	23.03	22.90	22.06	52.33	28.93	21.40	354.33
1926	Dry	13.25	5.57	3.22	4.37	41.81	11.22	8.66	3.94	18.43	52.17	36.77	41.32	240.73
1927	Wet	13.16	19.97	26.42	18.91	61.46	33.44	17.89	11.52	0.00	44.44	44.63	59.04	350.88
1928	Above Normal	42.41	32.45	10.62	21.90	31.56	43.05	14.11	0.00	0.00	18.34	60.17	58.98	333.59
1929	Critical	27.07	15.54	7.89	97.58	3.69	1.21	0.00	5.46	26.41	75.65	44.50	28.86	333.86
1930	Dry	13.14	5.27	24.42	7.80	18.19	12.52	0.00	4.45	26.21	36.63	53.79	28.95	231.37
1931	Critical	13.23	5.53	0.00	6.86	4.97	7.13	0.00	0.00	5.44	44.26	62.16	26.77	176.35
1932	Dry	24.75	12.21	0.00	30.14	0.00	4.32	0.00	1.80	34.69	48.82	36.59	3.32	196.64
1933	Critical	10.32	4.09	0.39	0.00	0.01	0.00	4.39	9.43	12.52	44.32	5.39	6.27	97.13
1934	Critical	42.48	3.13	1.53	6.03	5.80	2.37	1.79	0.00	5.39	44.39	138.26	99.72	350.89
1935	Below Normal	16.68	0.00	0.00	0.00	4.96	2.70	23.07	7.49	4.75	44.44	5.44	6.24	115.77
1936	Below Normal	5.56	2.38	0.00	34.69	37.38	13.82	2.57	0.00	0.00	28.73	36.66	28.82	190.61
1937	Below Normal	13.13	2.34	0.00	0.00	0.00	0.04	14.20	16.02	6.81	52.18	28.87	21.30	154.89
1938	Wet	11.62	28.70	40.18	7.81	22.03	57.27	47.14	43.54	7.28	0.00	44.58	53.88	364.03
1939	Dry	64.07	8.46	15.47	0.02	1.05	3.50	7.54	31.90	65.22	100.61	100.74	77.79	476.37
1940	Above Normal	38.47	31.67	4.19	32.26	63.64	37.10	16.65	1.23	18.09	60.06	60.15	74.07	437.58
1941	Wet	27.29	16.13	47.07	69.81	62.72	67.18	55.04	76.64	15.58	102.97	59.06	80.61	680.10
1942	Wet	61.80	16.36	97.01	37.90	56.37	3.30	24.00	7.51	0.81	54.35	48.17	75.59	483.17
1943	Wet	58.47	17.25	30.54	36.65	23.33	39.53	0.00	0.00	0.00	44.45	44.57	58.92	353.71
1944	Dry	42.47	15.86	3.07	5.03	13.44	37.70	0.00	2.33	41.63	100.66	67.94	43.81	373.94
1945	Below Normal	12.20	8.59	6.38	8.29	24.22	6.46	0.00	0.00	16.42	44.44	52.36	43.85	223.21
1946	Below Normal	13.99	9.60	40.33	18.51	6.53	2.48	0.00	0.00	14.44	44.39	60.16	43.89	254.32
1947	Dry	27.09	17.65	6.11	0.00	6.04	8.53	0.00	0.85	22.62	52.27	68.00	31.07	240.23
1948	Below Normal	14.33	5.02	0.00	14.56	5.31	5.63	19.46	8.43	2.80	0.00	44.61	0.64	120.79
1949	Dry	4.20	1.42	0.00	0.00	4.94	48.94	4.65	0.00	17.12	44.49	60.23	43.85	229.84
1950	Below Normal	27.06	15.64	3.00	9.34	14.19	3.29	1.97	2.81	17.60	59.95	52.25	43.86	250.96
1951	Above Normal	37.88	12.24	21.51	14.88	31.19	10.45	30.23	6.64	0.00	46.04	60.97	59.58	331.61
1952	Wet	44.10	23.01	27.07	17.52	40.63	28.77	86.35	6.70	3.43	89.26	51.37	76.93	495.14
1953	Wet	59.36	2.75	30.67	50.33	22.46	25.50	27.28	4.04	3.15	35.78	54.21	81.72	397.25
1954	Above Normal	60.39	49.99	28.33	40.55	36.38	88.03	79.51	1.32	0.00	46.20	46.10	60.38	537.18
1955	Dry	43.94	20.82	14.55	43.19	4.28	0.00	0.00	9.37	19.83	61.35	60.53	44.38	322.24
1956	Wet	27.91	18.93	47.69	65.48	31.48	37.29	38.93	2.76	0.00	44.93	32.98	50.53	398.91
1957	Above Normal	63.29	5.25	4.40	7.17	29.34	46.39	0.00	14.66	3.02	47.06	45.83	61.42	327.83
1958	Wet	39.48	49.77	62.75	80.21	115.11	66.69	40.15	81.38	0.37	88.00	55.68	78.34	757.93
1959	Below Normal	60.45	2.50	4.82	77.93	23.68	21.66	34.99	0.00	37.66	60.69	80.39	74.85	479.62
1960	Dry	27.79	16.43	4.26	7.71	26.51	14.34	0.00	1.85	0.00	45.94	60.99	44.77	250.59
1961	Dry	28.15	18.65	13.91	5.42	22.62	14.24	0.00	0.00	0.00	45.78	60.92	59.84	269.53
1962	Below Normal	28.06	18.57	11.88	2.09	33.05	20.25	0.00	0.00	16.65	45.47	61.08	44.62	281.72
1963	Wet	10.95	5.06	6.37	3.74	22.86	4.75	34.75	6.47	1.31	47.44	46.01	87.77	277.48
1964	Dry	44.42	26.47	0.25	30.16	29.39	0.77	5.92	3.31	32.26	61.71	77.38	43.96	356.00
1965	Wet	26.99	15.54	28.06	31.49	7.54	0.00	12.04	0.00	0.00	44.55	44.48	44.02	254.71
1966	Below Normal	26.98	37.02	12.07	20.61	21.35	19.59	47.44	0.00	0.00	44.48	100.70	58.98	389.22
1967	Wet	42.42	24.66	22.99	45.92	33.20	43.04	22.80	13.05	0.08	57.22	51.65	81.43	438.46
1968	Below Normal	65.85	5.89	11.11	21.17	23.99	24.36	0.00	0.11	19.20	70.15	66.65	58.94	367.42
1969	Wet	27.07	17.13	16.42	39.19	39.54	17.88	12.36	31.47	1.21	49.11	48.09	52.77	352.24
1970	Wet	60.79	2.40	119.71	126.05	23.83	30.91	0.00	0.00	36.49	64.19	63.81	76.11	604.29
1971	Wet	37.40	30.31	22.77	33.90	14.43	16.19	19.73	7.47	6.53	5.52	47.37	74.31	315.93
1972	Below Normal	61.23	9.52	10.94	32.46	8.63	108.90	0.00	0.00	0.00	1.76	86.24	63.73	383.41
1973	Above Normal	31.69	17.15	7.14	34.55	45.75	40.22	13.57	4.72	0.00	48.42	86.75	61.65	391.61
1974	Wet	31.16	53.59	42.03	126.05	25.19	58.71	43.27	9.01	3.78	49.06	53.49	78.02	573.36
1975	Wet	62.00	2.87	9.36	4.36	25.20	56.93	18.54	6.80	3.90	76.28	52.00	78.87	397.11
1976	Critical	68.06	20.93	16.21	96.64	4.78	0.00	0.00	1.31	60.42	102.11	71.03	46.60	488.09
1977	Critical	14.94	14.94	23.53	7.51	7.99	0.00	0.00	0.14	8.46	49.67	138.83	3.03	269.04
1978	Above Normal	77.53	0.32	0.00	95.30	36.71	41.15	14.49	2.98	0.00	43.62	44.89	47.75	404.74
1979	Below Normal	28.05	3.78	3.08	4.22	10.37	11.72	0.00	8.00	18.81	46.74	54.19	44.81	233.77
1980	Above Normal	14.58	7.43	2.54	17.11	47.57	21.36	0.81	0.00	19.68	46.83	62.76	62.22	302.89
1981	Dry	27.12	17.38	9.67	24.90	18.26	19.61	0.00	1.56	21.50	64.79	93.87	45.71	344.37
1982	Wet	30.30	23.80	33.66	20.12	29.57	57.29	21.22	5.20	0.50	46.89	5.34	19.67	293.56
1983	Wet	76.57	26.06	23.05	47.22	67.54	121.72	46.09	103.69	104.96	107.14	79.71	89.51	893.26
1984	Wet	69.13	82.64	56.08	70.23	12.95	19.60	0.00	0.00	0.00	44.97	83.52	43.77	482.89
1985	Dry	42.49	21.07	7.53	37.79	3.61	0.00	0.00	5.71	52.31	100.55	100.84	43.98	415.88
1986	Wet	28.04	6.30	4.87	14.98	70.02	29.49	63.60	0.00	14.20	61.09	60.17	59.10	411.86
1987	Dry	27.00	16.86	4.17	5.29	11.22	14.74	0.00	1.22	32.27	100.72	100.75	64.51	378.75
1988	Critical	31.86	5.66	18.79	16.51	4.20	0.00	19.63	8.15	31.17	75.55	44.49	29.54	285.55
1989	Dry	14.23	12.82	0.78	53.69	0.06	39.29	0.00	0.00	14.58	56.02	37.18	29.65	258.30
1990	Critical	18.31	5.79	0.00	9.18	1.99	0.00	0.00	9.81	9.75	37.60	44.42	28.78	165.63
1991	Critical	13.20	5.80	0.00	0.00	0.00	8.50	0.00	0.33	5.43	44.33	44.58	6.11	128.28
1992	Critical	5.34	2.32	0.00	0.00	34.17	27.69	0.00	1.13	8.64	45.27	100.61	39.71	264.88
1993	Above Normal	8.44	49.20	8.01	23.59	31.00	27.67	6.54	8.74	13.05	2.59	48.73	29.77	257.33
1994	Critical	16.58	2.88	9.08	6.00	9.30	0.00	0.00	15.84	40.88	69.85	77.48	28.81	276.70
1995	Wet	12.81	4.42	0.77	116.98	25.76	70.70	14.50	10.36	5.91	29.10	57.85	83.73	432.89
1996	Wet	61.37	3.39	55.83	43.56	34.71	64.93	9.96	2.50	0.00	45.91	44.61	44.97	411.74
1997	Wet	27.53	19.48	49.20	49.36	13.08	0.72	30.30	0.00	29.29	60.01	75.72	43.80	398.49
1998	Wet	34.73	26.21	7.31	43.99	113.86	46.57	54.31	25.38	105.89	110.94	67.39	80.64	717.22
1999	Wet	61.10	45.32	41.03	22.57	22.82	63.84	17.23	4.19	0.16	47.49	46.14	55.74	427.63
2000	Above Normal	57.50	19.87	8.73	69.75	65.60	33.06	83.38	9.43	6.10	45.40	53.06	87.75	539.63
2001	Dry	27.03	15.55	2.92	9.58	26.84	29.07	0.94	14.10	41.67	100.97	101.34	44.56	414.57
2002	Dry	66.95	23.02	30.88	33.10	14.75	5.13	0.00	0.00	16.36	44.72	60.14	43.83	338.88
2003	Above Normal	27.02	15.81	39.98	34.07	9.50	9.59	18.65	17.99	0.00	57.70	83.51	81.49	395.31
	Average	34.73	16.42	17.72	31.38	25.15	24.76	15.89	9.18	15.77	53.77	59.52	50.79	355.07
	Wet	40.14	22.39	36.50	47.09	39.14	40.86	29.13	17.68	13.26	55.81	52.41	65.76	460.16
	Above Normal	47.21	21.41	12.50	34.14	37.18	33.58	25.83	7.30	5.00	42.22	58.12	61.99	386.47
	Below Normal	28.62	9.89	8.94	18.61	15.80	17.26	11.33	3.49	13.55	43.10	56.97	41.31	268.87
	Dry	30.47	14.82	8.42	21.63	16.16	15.37	2.82	5.85	26.60	65.03	67.05	42.04	316.25
	Critical	24.04	8.51	6.45	24.11	7.18	3.91	2.15	4.30	18.32	56.45	68.03	31.34	254.79

Difference in Energy generated (GWh) at Spring Creek: Alternative4_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	(0.01)	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	(0.11)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1925	Dry	0.00	0.00	0.00	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	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	(0.06)	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	(0.12)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	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	1.49	0.06	0.13
1932	Dry	0.04	0.00	0.00	(1.24)	0.00	0.00	0.00	0.00	2.04	(0.14)	(2.09)	0.25	(0.09)
1933	Critical	(0.12)	0.06	0.00	0.00	0.00	0.00	(1.11)	0.00	0.00	0.00	0.00	0.00	(0.10)
1934	Critical	0.00	0.77	0.09	(0.18)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06
1935	Below Normal	4.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(46.06)	9.42	16.64	0.00	0.00	6.44	(1.13)
1940	Above Normal	7.37	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.15	3.17
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	8.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73
1943	Wet	0.00	0.00	0.00	(0.59)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)
1944	Dry	0.00	0.00	0.00	0.00	0.00	(1.47)	0.00	0.00	(0.04)	0.00	0.00	0.00	(0.13)
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.06
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.56	(0.14)	0.00	0.00	0.00	0.00	0.00	0.03
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	0.00	0.00	0.07	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	1.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	(0.03)	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.22	0.00	0.03
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	0.03	0.00
1964	Dry	0.00	0.00	0.00	(0.06)	0.00	0.00	0.00	0.00	0.00	0.01	0.06	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.76	0.00	0.00	0.00	0.00	(0.74)	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.74	(0.24)	0.00	0.00	0.04
1977	Critical	0.00	0.01	(0.05)	(0.05)	(0.36)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1978	Above Normal	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1979	Below Normal	0.00	0.00	2.93	3.00	2.71	(3.02)	0.00	4.69	0.00	0.00	0.00	0.00	0.86
1980	Above Normal	(12.18)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.02)
1981	Dry	0.00	7.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.88)	2.23	0.00	0.64
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	(0.18)	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	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	1.02	0.09
1988	Critical	2.25	0.00	0.00	0.00	0.00	(0.36)	(0.26)	0.00	(0.66)	0.00	0.00	0.00	0.08
1989	Dry	0.00	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.04
1993	Above Normal	0.00	7.89	0.00	0.00	0.00	(3.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.41
1994	Critical	(0.84)	0.00	0.00	0.00	0.00	0.00	0.00	(0.88)	(1.53)	0.00	0.00	0.00	(0.27)
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(4.53)	0.00	0.00	(0.38)
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	0.02	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	(0.51)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.01
2002	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
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	0.00	0.00	(0.01)
	Average	0.02	0.20	0.14	0.05	0.03	(0.10)	(0.58)	0.16	0.21	(0.08)	0.03	0.48	0.05
	Wet	0.03	(0.02)	0.34	(0.02)	0.00	(0.02)	(0.00)	0.00	0.00	(0.17)	0.01	(0.01)	0.01
	Above Normal	(0.38)	0.71	0.00	0.00	0.00	(0.21)	(0.01)	0.00	0.00	(0.01)	0.00	2.51	0.22
	Below Normal	0.30	0.00	0.21	0.21	0.19	(0.22)	0.01	0.34	0.00	(0.00)	0.02	0.00	0.09
	Dry	0.00	0.41	(0.01)	0.09	0.00	(0.08)	(2.56)	0.53	1.04	(0.11)	0.02	0.47	(0.02)
	Critical	0.11	0.07	0.00	(0.03)	(0.03)	(0.03)	(0.11)	(0.07)	(0.12)	(0.02)	0.12	0.05	(0.01)

Percent Difference in Energy generated (GWh) at Spring Creek: Alternative4_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%	2%	0%
1932	Dry	0%	0%	0%	-4%	0%	0%	0%	0%	6%	0%	-5%	8%
1933	Critical	-1%	1%	0%	0%	0%	0%	-20%	0%	0%	0%	0%	0%
1934	Critical	0%	33%	6%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	34%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	-86%	42%	34%	0%	0%	9%
1940	Above Normal	24%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	69%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	6%	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%	4%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	2%	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1977	Critical	0%	0%	0%	-1%	-4%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	>1,000%	246%	35%	-20%	0%	142%	0%	0%	0%	0%
1980	Above Normal	-46%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	73%	0%	0%	0%	0%	0%	0%	0%	-3%	2%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	-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%	0%	0%	0%	2%
1988	Critical	8%	0%	0%	0%	0%	-100%	-1%	0%	-2%	0%	0%	0%
1989	Dry	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1993	Above Normal	0%	19%	0%	0%	0%	-10%	0%	0%	0%	0%	0%	0%
1994	Critical	-5%	0%	0%	0%	0%	0%	0%	-5%	-4%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-13%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	-2%	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%	1%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	2%	0%	3%	0%	-2%	-1%	2%	0%	0%	0%	1%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
	Above Normal	-2%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%
	Below Normal	2%	0%	0%	18%	3%	-1%	0%	10%	0%	0%	0%	0%
	Dry	0%	4%	0%	0%	0%	0%	-5%	2%	2%	0%	0%	1%
	Critical	0%	3%	1%	0%	0%	-8%	-2%	0%	0%	0%	0%	0%

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	486.17	275.40	176.46	160.00	221.16	259.78	354.06	632.65	673.32	672.86	607.80	535.18	5,054.84
1923	Below Normal	296.42	303.44	243.92	237.98	204.40	217.12	268.47	609.14	576.46	685.49	553.85	328.35	4,525.04
1924	Critical	291.00	218.27	176.38	229.08	135.53	193.59	323.42	332.62	367.82	443.82	385.86	227.31	3,324.70
1925	Dry	131.34	103.51	107.64	246.95	185.51	164.68	297.99	489.89	541.60	673.98	505.75	275.90	3,724.74
1926	Dry	247.97	177.94	156.45	144.82	135.28	193.84	257.84	398.54	514.68	607.12	439.32	290.17	3,563.97
1927	Wet	202.65	141.71	179.81	221.25	683.63	247.10	551.10	619.89	607.82	694.53	536.48	683.20	5,369.17
1928	Above Normal	317.98	249.85	184.81	198.46	151.75	532.47	322.22	485.80	570.74	685.42	556.95	487.75	4,744.20
1929	Critical	280.91	224.11	152.37	330.36	123.31	155.56	287.89	364.56	435.45	589.27	487.97	242.44	3,674.20
1930	Dry	198.69	146.04	131.68	126.59	120.64	169.48	245.13	351.56	486.43	513.70	445.29	228.99	3,164.22
1931	Critical	197.11	141.33	135.43	130.68	115.91	142.30	349.17	309.97	325.79	453.54	403.51	185.60	2,890.34
1932	Dry	148.06	112.88	89.42	142.46	117.61	143.23	231.66	304.46	379.03	462.00	357.45	210.82	2,699.08
1933	Critical	189.31	149.00	122.98	116.25	100.28	135.55	222.97	281.75	347.18	437.54	365.72	193.07	2,661.60
1934	Critical	218.76	101.56	92.65	98.77	93.88	123.99	269.90	314.54	351.49	420.06	469.59	325.06	2,880.25
1935	Below Normal	114.06	87.71	88.62	91.50	92.96	122.15	229.36	331.40	435.09	551.52	360.28	224.38	2,729.03
1936	Below Normal	189.40	148.37	137.27	198.37	255.69	237.30	298.72	421.70	458.73	600.36	446.31	285.20	3,677.42
1937	Below Normal	241.05	172.73	138.16	131.44	127.95	180.82	242.98	380.96	417.48	627.03	440.53	287.22	3,388.35
1938	Wet	197.16	193.44	665.09	209.58	651.22	788.83	595.96	650.67	675.40	583.59	632.68	646.81	6,490.43
1939	Dry	387.07	291.39	186.44	157.03	157.10	139.78	526.65	487.07	601.74	756.88	605.80	351.41	4,648.36
1940	Above Normal	272.73	255.62	138.66	166.00	693.77	769.31	357.51	497.40	591.28	773.68	571.08	409.93	5,496.97
1941	Wet	286.27	244.98	232.49	705.37	684.39	648.39	642.23	831.52	612.08	778.13	701.50	742.91	7,110.26
1942	Wet	410.90	358.76	646.90	752.73	730.26	254.40	375.93	688.24	589.40	694.33	638.77	732.46	6,873.08
1943	Wet	406.12	411.42	267.06	545.45	431.87	711.83	377.93	538.55	557.60	775.29	540.75	660.39	6,224.26
1944	Dry	342.13	342.89	182.68	177.79	144.86	226.89	334.36	349.46	493.58	709.85	530.17	279.48	4,114.14
1945	Below Normal	210.58	163.79	155.63	155.98	254.83	236.92	325.47	483.53	555.56	693.44	536.02	342.07	4,113.82
1946	Below Normal	283.91	208.24	726.37	336.25	190.03	262.07	414.67	557.56	590.38	707.01	574.67	336.82	5,187.98
1947	Dry	315.28	213.04	162.91	165.58	136.70	200.52	311.15	483.52	484.47	638.38	533.80	299.60	3,944.95
1948	Below Normal	187.18	150.78	151.95	139.28	154.38	163.64	248.14	530.81	484.97	545.05	527.72	288.73	3,572.63
1949	Dry	260.04	192.47	176.99	161.77	159.73	322.03	331.13	465.07	562.74	660.24	560.06	350.23	4,202.50
1950	Below Normal	296.40	221.09	183.02	175.30	235.78	222.67	299.19	450.32	491.36	619.73	471.90	315.62	3,982.38
1951	Above Normal	327.96	394.77	575.48	366.04	605.38	269.07	485.19	508.84	574.51	768.97	570.26	454.06	5,900.53
1952	Wet	315.35	296.84	384.31	406.57	670.70	538.36	995.03	682.64	581.99	859.87	720.63	657.32	7,109.61
1953	Wet	442.95	312.33	256.55	827.00	222.65	276.19	386.67	561.39	586.22	660.83	578.47	717.94	5,829.19
1954	Above Normal	366.23	462.77	227.64	422.51	611.61	598.72	723.19	499.55	500.10	747.85	523.07	498.76	6,182.00
1955	Dry	332.97	248.93	200.68	252.51	163.30	166.53	282.89	380.18	488.35	651.89	517.77	278.52	3,964.52
1956	Wet	266.97	192.05	703.29	757.52	653.84	297.33	395.48	731.58	627.13	622.18	532.27	618.14	6,397.78
1957	Above Normal	416.93	393.26	189.92	182.51	185.13	471.64	332.42	559.12	536.29	749.61	525.51	450.38	4,992.72
1958	Wet	299.40	386.71	463.05	591.05	856.58	890.66	586.79	755.60	629.78	803.53	707.12	665.23	7,635.50
1959	Below Normal	441.78	357.04	197.47	374.26	450.17	182.56	470.25	498.62	649.63	746.25	590.88	315.47	5,274.38
1960	Dry	297.63	219.06	181.32	154.43	147.86	209.93	339.15	366.08	546.15	643.23	496.90	329.07	3,930.81
1961	Dry	270.10	202.90	203.38	148.72	314.43	234.12	306.31	435.87	500.98	677.72	529.30	357.47	4,181.30
1962	Below Normal	288.62	225.86	163.64	142.68	435.56	172.20	341.53	467.51	531.65	683.86	540.19	308.45	4,301.75
1963	Wet	321.03	249.97	341.26	230.19	379.81	250.17	794.04	524.74	493.26	732.00	506.45	704.15	5,527.07
1964	Dry	274.54	266.87	172.39	238.83	193.67	180.67	422.31	434.86	493.83	651.46	528.82	284.04	4,142.29
1965	Wet	225.44	181.92	671.90	732.29	226.24	243.83	398.47	543.61	573.88	699.23	477.36	586.45	5,560.62
1966	Below Normal	333.38	315.66	186.51	193.07	178.53	390.09	485.19	504.41	582.13	725.02	629.51	367.32	4,890.82
1967	Wet	352.42	196.43	363.73	487.90	369.88	706.64	447.72	824.32	601.42	710.27	672.50	683.94	6,417.17
1968	Below Normal	412.51	281.71	195.64	220.19	584.76	212.57	363.12	480.09	553.35	752.63	482.11	343.73	4,882.41
1969	Wet	257.66	187.06	169.36	713.23	664.09	308.80	570.23	793.66	720.36	704.99	665.35	622.60	6,377.39
1970	Wet	351.94	286.87	793.60	1,076.98	544.29	291.96	399.12	524.57	625.50	787.70	535.39	627.52	6,845.44
1971	Wet	322.19	224.61	256.25	542.28	205.58	666.81	373.06	578.97	555.98	565.97	518.81	638.02	5,448.53
1972	Below Normal	411.46	336.83	192.83	245.09	176.78	718.38	386.06	474.98	560.09	628.44	561.89	339.52	5,032.35
1973	Above Normal	270.14	185.92	273.14	615.67	647.48	328.22	317.97	535.96	582.28	747.93	580.56	443.39	5,528.66
1974	Wet	228.04	774.51	801.12	956.88	246.31	872.05	461.46	556.58	599.99	591.14	675.45	651.92	7,415.45
1975	Wet	418.76	392.86	167.15	152.41	188.72	793.23	307.74	648.19	624.02	693.67	586.33	667.44	5,640.52
1976	Critical	447.15	402.24	195.63	367.53	193.91	190.73	280.56	413.12	566.63	691.24	400.45	239.54	4,388.73
1977	Critical	267.63	204.78	228.48	167.65	220.60	181.65	349.84	243.28	410.13	461.16	471.48	117.27	3,323.95
1978	Above Normal	296.02	85.10	92.89	151.76	327.52	561.00	341.75	563.08	593.49	676.75	526.95	359.13	4,575.44
1979	Below Normal	323.19	225.43	175.69	178.29	166.74	188.13	253.93	456.29	592.53	637.30	448.84	292.06	3,938.42
1980	Above Normal	262.81	201.22	173.07	682.23	679.14	277.26	311.45	512.57	617.70	636.99	592.26	419.02	5,365.72
1981	Dry	278.77	319.69	188.93	188.00	144.88	143.84	246.71	467.11	622.57	703.56	558.80	275.66	4,138.52
1982	Wet	233.80	322.73	710.60	351.96	770.17	692.99	825.32	527.82	583.35	687.96	527.55	499.13	6,733.38
1983	Wet	530.42	450.30	671.41	871.98	859.86	1,059.50	631.77	830.36	1,036.19	1,045.68	862.91	741.75	9,592.13
1984	Wet	489.42	756.05	945.17	520.10	291.57	470.80	350.33	553.35	582.95	765.55	556.93	611.31	6,893.53
1985	Dry	280.84	226.96	233.56	262.59	140.70	157.73	356.09	537.79	651.61	736.82	629.47	300.50	4,514.66
1986	Wet	264.34	197.30	155.84	183.71	646.82	859.44	419.78	503.77	604.51	717.86	539.64	439.09	5,532.10
1987	Dry	244.89	291.34	182.93	158.88	142.46	139.85	363.22	488.45	619.04	735.23	541.84	330.28	4,238.41
1988	Critical	271.89	151.47	133.33	156.27	199.22	171.44	287.52	347.85	509.95	602.21	446.79	229.58	3,507.52
1989	Dry	207.82	116.06	123.10	221.85	111.92	276.33	263.54	522.95	519.25	630.60	408.09	201.86	3,603.37
1990	Critical	163.62	145.67	144.40	138.56	123.30	157.61	309.68	288.83	380.99	540.70	435.08	219.36	3,047.80
1991	Critical	182.86	140.11	126.73	122.52	112.41	117.91	169.54	283.97	334.17	472.93	370.55	154.17	2,587.87
1992	Critical	162.71	157.58	107.15	107.38	108.78	115.65	166.74	416.42	448.50	481.25	539.32	205.43	3,016.91
1993	Above Normal	167.91	191.92	98.79	108.71	191.35	245.38	290.94	507.44	524.10	563.95	475.56	454.96	3,821.01
1994	Critical	264.00	280.89	203.47	146.82	130.14	156.50	325.07	353.40	548.91	633.68	495.70	203.39	3,741.97
1995	Wet	198.22	140.34	123.37	561.78	299.75	755.92	429.67	719.38	607.13	630.93	680.40	615.06	5,761.95
1996	Wet	463.34	313.14	276.24	320.21	771.65	607.54	371.05	714.02	536.62	668.30	509.39	583.51	6,135.01
1997	Wet	361.16	367.77	894.08	1,005.33	391.43	252.99	484.19	577.45	593.05	754.68	518.32	562.15	6,762.60
1998	Wet	339.20	298.81	135.99	406.61	732.33	791.01	398.07	821.62	1,067.32	969.70	808.52	710.88	7,480.06
1999	Wet	475.14	476.28	493.63	424.20	748.53	620.62	325.88	649.08	596.03	705.53	519.43	616.53	6,650.88
2000	Above Normal	415.46	448.31	197.93	302.34	763.05	412.48	469.51	528.68	553.05	782.93	534.20	546.99	5,954.93
2001	Dry	305.29	347.56	191.74	155.98	127.76	140.82	287.87	526.82	652.88	742.28	569.60	285.20	4,333.80
2002	Dry	400.02	175.09	165.89	365.26	186.26	194.27	353.60	509.90	575.44	634.17	501.83	312.11	4,373.84
2003	Above Normal	311.87	224.10	349.78	522.28	198.76	173.18	408.85	727.72	517.78	805.74	555.98	539.81	5,335.85
	Average	298.33	258.95	271.24	327.25	331.64	348.17	382.16	513.51	555.42	668.00	537.39	420.04	4,912.10
	Wet	333.09	321.35	452.66	559.79	535.47	572.98	495.96	651.98	633.42	727.06	605.75	641.76	6,531.27
	Above Normal	326.02	280.69	223.21	323.21	439.68	408.21	392.92	546.57	569.55	717.72	551.68	466.61	5,246.07
	Below Normal	287.85	228.48	209.77	201.41	250.61	250.47	330.51	474.81	534.24	657.37	511.76	312.50	4,249.77
	Dry	273.53	221.92	168.79	192.78	157.26	189.14	319.87	444.42	540.80	657.17	514.45	291.18	3,971.30
	Critical	244.75	193.08	151.58	175.99	138.11	153.54	278.53	329.19	418.92	518.95	439.34	211.85	3,253.82

Energy generated (GWh) at Syst. Tot.: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	486.17	275.42	176.46	160.00	221.16	259.78	354.20	632.33	675.68	672.07	604.32	535.18	5,052.77
1923	Below Normal	296.42	303.57	243.90	237.97	204.58	217.11	267.93	608.45	576.04	684.98	553.38	328.60	4,522.93
1924	Critical	290.79	218.29	176.40	228.87	135.55	193.62	323.47	332.87	368.09	443.99	385.86	227.57	3,325.37
1925	Dry	131.48	103.48	107.61	247.60	185.50	164.67	297.96	489.97	541.59	674.01	505.87	275.94	3,725.68
1926	Dry	248.01	177.98	156.42	144.80	135.21	193.82	257.80	398.50	514.45	607.03	439.10	290.01	3,563.13
1927	Wet	202.69	141.69	179.78	221.24	683.61	247.10	551.02	619.76	607.44	694.58	536.53	683.23	5,368.67
1928	Above Normal	318.02	249.87	184.80	198.45	151.75	532.22	322.16	485.75	570.48	685.28	556.96	487.76	4,743.50
1929	Critical	280.95	224.08	152.34	330.35	123.30	155.55	287.92	364.58	435.46	589.29	487.97	242.47	3,674.26
1930	Dry	198.71	146.09	131.44	126.57	120.63	169.49	245.15	351.58	486.41	513.61	445.57	229.01	3,164.26
1931	Critical	197.13	141.39	135.42	130.67	115.90	142.27	349.16	310.17	325.84	453.60	406.47	183.22	2,891.24
1932	Dry	150.80	112.84	89.41	140.00	117.57	144.90	231.59	304.45	378.57	461.17	358.24	211.00	2,700.54
1933	Critical	189.43	149.13	122.88	116.14	100.19	133.84	222.62	281.99	347.20	437.46	365.37	192.94	2,659.19
1934	Critical	218.29	101.01	93.90	98.57	93.78	124.24	270.09	315.03	352.61	421.88	466.33	324.99	2,880.72
1935	Below Normal	117.85	87.71	88.62	91.50	92.96	122.15	229.22	331.09	434.48	550.75	358.78	224.51	2,729.62
1936	Below Normal	189.52	148.48	137.25	198.35	255.67	237.28	298.59	421.64	458.34	600.32	445.92	285.30	3,676.66
1937	Below Normal	241.11	172.83	138.12	131.40	127.93	180.79	242.95	382.98	429.23	625.16	438.00	287.27	3,397.77
1938	Wet	197.12	191.33	665.09	209.58	651.22	788.83	597.94	667.95	673.63	579.43	623.75	646.85	6,492.72
1939	Dry	386.73	290.23	188.84	156.99	156.95	139.73	421.12	503.99	623.80	755.20	599.36	360.47	4,583.41
1940	Above Normal	287.66	257.49	138.10	166.56	694.13	769.33	358.14	499.09	592.95	774.81	571.95	473.36	5,583.57
1941	Wet	286.87	251.51	248.01	705.71	684.32	629.29	641.90	845.22	609.84	786.68	696.14	742.91	7,128.40
1942	Wet	412.81	366.11	656.93	752.73	730.26	254.40	375.59	687.83	589.11	693.98	638.50	732.50	6,890.75
1943	Wet	406.15	410.71	267.16	544.69	431.87	711.83	377.54	537.46	551.83	767.34	540.13	663.99	6,210.70
1944	Dry	338.80	344.45	183.27	177.54	144.96	224.03	334.69	349.83	494.43	709.66	530.73	280.22	4,112.61
1945	Below Normal	210.72	163.86	155.71	156.05	254.81	236.95	324.97	482.67	554.00	692.38	535.51	342.13	4,109.76
1946	Below Normal	283.28	210.81	726.37	336.26	190.05	262.08	414.59	557.37	591.30	704.67	573.44	340.52	5,190.74
1947	Dry	316.46	213.07	162.78	165.49	135.87	197.77	311.46	483.99	484.97	638.80	535.64	300.48	3,946.78
1948	Below Normal	187.11	150.76	151.93	139.26	154.39	163.64	248.17	530.85	484.26	544.93	527.77	288.81	3,571.88
1949	Dry	260.03	192.53	176.99	161.77	159.74	321.98	331.09	465.04	562.69	660.18	559.95	350.80	4,202.79
1950	Below Normal	296.44	221.09	183.02	175.22	235.77	222.66	299.21	450.37	491.35	619.76	471.93	315.64	3,982.46
1951	Above Normal	327.91	394.25	575.49	366.04	605.45	270.23	484.86	508.73	574.08	768.42	570.30	454.12	5,899.88
1952	Wet	315.39	296.90	384.45	406.57	670.70	538.76	1,006.10	680.55	584.67	859.01	722.69	656.99	7,122.78
1953	Wet	442.86	360.66	213.89	820.77	222.65	276.18	387.52	566.46	588.05	661.44	577.85	717.93	5,836.26
1954	Above Normal	364.71	460.83	227.72	425.96	612.14	598.72	723.72	500.90	500.99	749.25	523.25	498.83	6,187.02
1955	Dry	333.63	249.63	200.64	255.81	164.10	166.51	282.83	380.12	488.38	651.67	516.86	278.42	3,968.60
1956	Wet	268.64	192.10	703.21	756.32	653.84	297.33	395.47	731.41	627.09	622.03	533.72	618.10	6,399.26
1957	Above Normal	416.94	393.30	189.95	182.51	185.09	471.52	332.33	558.87	535.82	749.61	525.52	450.39	4,991.85
1958	Wet	299.37	386.72	463.05	591.05	856.58	890.66	600.74	767.60	633.98	809.81	701.14	665.78	7,666.48
1959	Below Normal	442.70	394.13	196.46	339.86	444.96	182.56	471.05	499.37	650.44	746.58	591.45	315.51	5,275.07
1960	Dry	298.16	218.51	181.23	154.39	147.83	209.89	339.02	365.94	545.97	643.07	496.85	332.02	3,932.88
1961	Dry	269.77	202.82	200.67	148.70	314.40	234.11	306.29	435.81	500.91	677.74	528.79	357.39	4,177.40
1962	Below Normal	288.98	226.13	163.41	142.85	435.04	172.20	341.48	467.39	531.23	683.92	540.20	308.46	4,301.29
1963	Wet	320.88	249.97	341.26	230.19	379.81	250.17	793.58	524.35	493.10	731.77	506.30	704.20	5,525.58
1964	Dry	274.56	266.66	172.39	238.73	193.68	180.67	422.39	434.97	493.99	651.57	529.06	284.08	4,142.75
1965	Wet	225.45	181.92	671.79	732.27	226.24	243.83	397.64	541.04	571.03	696.75	474.68	586.37	5,549.01
1966	Below Normal	333.42	313.81	186.60	193.15	178.60	393.57	485.63	504.34	581.81	725.19	629.60	367.23	4,892.95
1967	Wet	352.38	196.36	363.38	487.90	369.88	706.64	457.83	823.36	600.71	718.28	669.13	689.82	6,435.67
1968	Below Normal	412.49	327.14	195.05	219.09	530.36	212.58	363.29	480.13	553.08	752.69	482.19	343.76	4,871.85
1969	Wet	257.68	187.06	169.36	713.22	665.36	308.80	570.23	793.66	720.04	704.38	664.61	621.31	6,375.71
1970	Wet	353.93	284.59	793.47	1,076.98	544.29	291.95	399.02	524.26	624.65	787.51	535.36	630.40	6,846.41
1971	Wet	323.63	223.76	254.55	542.28	205.57	664.56	372.95	578.93	555.65	565.73	518.84	638.06	5,444.51
1972	Below Normal	411.48	337.08	192.83	245.09	176.78	718.40	386.09	475.04	560.15	628.47	561.91	339.57	5,032.89
1973	Above Normal	270.15	185.82	273.14	615.67	647.48	328.22	317.88	535.81	586.48	747.09	583.54	452.68	5,543.96
1974	Wet	228.16	772.81	801.12	956.88	246.31	872.05	460.38	554.84	599.73	588.98	673.01	651.93	7,406.20
1975	Wet	418.75	390.03	167.21	152.47	189.16	793.33	307.84	648.39	624.33	693.98	586.42	667.44	5,639.35
1976	Critical	447.15	402.98	195.65	367.52	193.90	190.72	280.51	413.05	568.03	690.14	400.70	239.49	4,389.84
1977	Critical	268.05	204.81	228.35	167.57	219.80	181.64	349.80	243.44	410.21	461.11	470.51	117.21	3,322.50
1978	Above Normal	296.49	85.17	92.88	151.75	327.40	561.03	343.55	563.78	603.78	687.16	516.43	360.23	4,589.65
1979	Below Normal	324.39	294.92	182.24	182.28	160.96	181.59	249.74	456.28	581.49	619.41	441.21	291.13	3,965.64
1980	Above Normal	228.27	167.69	171.53	682.23	679.15	277.27	311.78	517.23	626.03	644.47	590.83	440.34	5,336.82
1981	Dry	279.71	329.64	188.54	187.66	144.63	143.64	248.36	472.82	624.80	700.51	560.11	277.93	4,158.35
1982	Wet	233.38	307.49	710.58	351.96	765.63	692.99	825.32	532.90	598.85	684.58	524.43	498.60	6,726.71
1983	Wet	530.42	450.30	671.41	871.98	859.86	1,059.50	631.77	830.36	1,036.19	1,045.68	862.91	741.75	9,592.13
1984	Wet	489.42	756.05	945.17	520.10	291.57	470.80	350.28	553.24	582.51	765.54	556.96	611.33	6,892.97
1985	Dry	280.86	226.80	233.56	262.59	140.70	157.73	356.06	537.75	651.41	736.83	629.48	300.52	4,514.29
1986	Wet	264.36	197.35	155.84	183.70	646.81	859.44	419.73	503.69	609.90	716.85	538.94	438.08	5,534.69
1987	Dry	244.83	292.81	182.86	158.82	142.41	139.81	362.82	487.69	617.65	734.87	543.57	332.07	4,240.21
1988	Critical	275.93	151.34	133.24	156.17	198.79	170.62	286.93	347.74	508.46	601.78	446.38	229.40	3,506.78
1989	Dry	207.68	115.86	122.88	223.52	111.83	276.28	263.38	522.42	518.72	630.03	407.66	201.74	3,602.00
1990	Critical	163.53	145.64	144.31	138.48	123.23	157.53	309.52	294.02	380.63	540.44	418.42	238.23	3,053.98
1991	Critical	184.58	139.47	126.82	122.53	112.37	117.90	169.40	283.75	333.41	472.26	370.26	153.80	2,586.55
1992	Critical	162.35	157.22	106.82	107.05	108.59	115.49	166.35	415.53	453.00	470.89	537.08	205.71	3,006.08
1993	Above Normal	167.15	207.48	98.70	108.65	191.29	239.68	290.53	503.47	523.56	563.23	475.08	454.72	3,823.54
1994	Critical	262.26	280.14	204.38	146.78	130.11	156.48	325.11	351.51	545.81	633.67	495.04	203.37	3,734.66
1995	Wet	198.40	140.31	123.23	559.36	299.74	755.90	430.57	726.07	612.26	612.14	677.13	615.06	5,750.17
1996	Wet	461.03	372.91	270.68	316.29	769.16	607.54	369.21	711.38	533.46	665.87	508.58	583.54	6,169.65
1997	Wet	356.39	368.04	894.35	1,005.33	391.43	252.99	484.19	577.39	593.11	754.17	517.66	562.31	6,757.36
1998	Wet	339.63	297.49	136.02	407.08	732.33	791.40	399.20	821.22	1,065.48	967.40	806.71	710.88	7,474.84
1999	Wet	475.14	476.28	493.63	424.20	748.53	620.62	325.91	649.13	595.85	705.75	519.57	616.44	6,651.05
2000	Above Normal	415.84	448.56	198.09	302.25	763.01	412.48	469.35	528.36	552.37	782.09	534.11	547.01	5,953.52
2001	Dry	305.18	347.63	192.42	155.97	127.75	140.81	287.89	526.97	652.72	742.18	569.57	285.23	4,334.32
2002	Dry	399.95	175.08	165.89	365.17	186.26	194.27	353.61	509.88	575.43	634.16	501.85	313.58	4,375.13
2003	Above Normal	312.02	224.07	348.16	522.01	198.76	173.18	408.79	727.62	517.61	805.64	555.99	539.73	5,333.58
	Average	298.22	261.88	270.97	326.76	330.76	347.73	381.27	514.44	556.16	667.40	536.34	421.80	4,913.73
	Wet	333.11	325.02	451.72	559.26	535.26	572.19	497.29	653.79	633.94	726.14	604.30	642.15	6,534.16
	Above Normal	324.28	279.16	222.92	323.51	439.73	407.81	393.11	546.83	571.65	719.09	550.69	474.53	5,253.31
	Below Normal	288.28	239.45	210.11	199.17	245.92	250.25	330.21	474.86	534.09	655.66	510.81	312.75	4,251.54
	Dry	273.63	222.56	168.77	192.90	157.22	188.90	314.08	445.65	542.05	656.79	514.35	292.27	3,969.17
	Critical	245.04	192.96	151.71	175.89	137.96	153.33	278.41	329.47	419.06	518.04	437.53	213.20	3,252.60

Difference in Energy generated (GWh) at Syst. Tot.: Alternative4_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	0.02	0.00	0.00	0.00	0.00	0.14	(0.32)	2.36	(0.79)	(3.48)	0.00	(0.17)
1923	Below Normal	0.00	0.13	(0.02)	(0.01)	0.18	(0.01)	(0.54)	(0.69)	(0.42)	(0.51)	(0.47)	0.25	(0.18)
1924	Critical	(0.21)	0.02	0.02	(0.21)	0.02	0.03	0.05	0.25	0.27	0.17	0.00	0.26	0.06
1925	Dry	0.14	(0.03)	(0.03)	0.65	(0.01)	(0.01)	(0.03)	0.08	(0.01)	0.03	0.12	0.04	0.08
1926	Dry	0.04	0.04	(0.03)	(0.02)	(0.07)	(0.02)	(0.04)	(0.04)	(0.23)	(0.09)	(0.22)	(0.16)	(0.07)
1927	Wet	0.04	(0.02)	(0.03)	(0.01)	(0.02)	0.00	(0.08)	(0.13)	(0.38)	0.05	0.05	0.03	(0.04)
1928	Above Normal	0.04	0.02	(0.01)	(0.01)	0.00	(0.25)	(0.06)	(0.05)	(0.26)	(0.14)	0.01	0.01	(0.06)
1929	Critical	0.04	(0.03)	(0.03)	(0.01)	(0.01)	(0.01)	0.03	0.02	0.01	0.02	0.00	0.03	0.00
1930	Dry	0.02	0.05	(0.24)	(0.02)	(0.01)	0.01	0.02	0.02	(0.02)	(0.09)	0.28	0.02	0.00
1931	Critical	0.02	0.06	(0.01)	(0.01)	(0.01)	(0.03)	(0.01)	0.20	0.05	0.06	2.96	(2.38)	0.07
1932	Dry	2.74	(0.04)	(0.01)	(2.46)	(0.04)	1.67	(0.07)	(0.01)	(0.46)	(0.83)	0.79	0.18	0.12
1933	Critical	0.12	0.13	(0.10)	(0.11)	(0.09)	(1.71)	(0.35)	0.24	0.02	(0.08)	(0.35)	(0.13)	(0.20)
1934	Critical	(0.47)	(0.55)	1.25	(0.20)	(0.10)	0.25	0.19	0.49	1.12	1.82	(3.26)	(0.07)	0.04
1935	Below Normal	3.79	0.00	0.00	0.00	0.00	0.00	(0.14)	(0.31)	(0.61)	(0.77)	(1.50)	0.13	0.05
1936	Below Normal	0.12	0.11	(0.02)	(0.02)	(0.02)	(0.02)	(0.13)	(0.06)	(0.39)	(0.04)	(0.39)	0.10	(0.06)
1937	Below Normal	0.06	0.10	(0.04)	(0.04)	(0.02)	(0.03)	(0.03)	2.02	11.75	(1.87)	(2.53)	0.05	0.79
1938	Wet	(0.04)	(2.11)	0.00	0.00	0.00	0.00	1.98	17.28	(1.77)	(4.16)	(8.93)	0.04	0.19
1939	Dry	(0.34)	(1.16)	2.40	(0.04)	(0.15)	(0.05)	(105.53)	16.92	22.06	(1.68)	(6.44)	9.06	(5.41)
1940	Above Normal	14.93	1.87	(0.56)	0.56	0.36	0.02	0.63	1.69	1.67	1.13	0.87	63.43	7.22
1941	Wet	0.60	6.53	15.52	0.34	(0.07)	(19.10)	(0.33)	13.70	(2.24)	8.55	(5.36)	0.00	1.51
1942	Wet	1.91	7.35	10.03	0.00	0.00	0.00	(0.34)	(0.41)	(0.29)	(0.35)	(0.27)	0.04	1.47
1943	Wet	0.03	(0.71)	0.10	(0.76)	0.00	0.00	(0.39)	(1.09)	(5.77)	(7.95)	(0.62)	3.60	(1.13)
1944	Dry	(3.33)	1.56	0.59	(0.25)	0.10	(2.86)	0.33	0.37	0.85	(0.19)	0.56	0.74	(0.13)
1945	Below Normal	0.14	0.07	0.08	0.07	(0.02)	0.03	(0.50)	(0.86)	(1.56)	(1.06)	(0.51)	0.06	(0.34)
1946	Below Normal	(0.63)	2.57	0.00	0.01	0.02	0.01	(0.08)	(0.19)	0.92	(2.34)	(1.23)	3.70	0.23
1947	Dry	1.18	0.03	(0.13)	(0.09)	(0.83)	(2.75)	0.31	0.47	0.50	0.42	1.84	0.88	0.15
1948	Below Normal	(0.07)	(0.02)	(0.02)	(0.02)	0.01	0.00	0.03	0.04	(0.71)	(0.12)	0.05	0.08	(0.06)
1949	Dry	(0.01)	0.06	0.00	0.00	0.01	(0.05)	(0.04)	(0.03)	(0.05)	(0.06)	(0.11)	0.57	0.02
1950	Below Normal	0.04	0.00	0.00	(0.08)	(0.01)	(0.01)	0.02	0.05	(0.01)	0.03	0.03	0.02	0.01
1951	Above Normal	(0.05)	(0.52)	0.01	0.00	0.07	1.16	(0.33)	(0.11)	(0.43)	(0.55)	0.04	0.06	(0.05)
1952	Wet	0.04	0.06	0.14	0.00	0.00	0.40	11.07	(2.09)	2.68	(0.86)	2.06	(0.33)	1.10
1953	Wet	(0.09)	48.33	(42.66)	(6.23)	0.00	(0.01)	0.85	5.07	1.83	0.61	(0.62)	(0.01)	0.59
1954	Above Normal	(1.52)	(1.94)	0.08	3.45	0.53	0.00	0.53	1.35	0.89	1.40	0.18	0.07	0.42
1955	Dry	0.66	0.70	(0.04)	3.30	0.80	(0.02)	(0.06)	(0.06)	0.03	(0.22)	(0.91)	(0.10)	0.34
1956	Wet	1.67	0.05	(0.08)	(1.20)	0.00	0.00	(0.01)	(0.17)	(0.04)	(0.15)	1.45	(0.04)	0.12
1957	Above Normal	0.01	0.04	0.03	0.00	(0.04)	(0.12)	(0.09)	(0.25)	(0.47)	0.00	0.01	0.01	(0.07)
1958	Wet	(0.03)	0.01	0.00	0.00	0.00	0.00	13.95	12.00	4.20	6.28	(5.98)	0.55	2.58
1959	Below Normal	0.92	37.09	(1.01)	(34.40)	(5.21)	0.00	0.80	0.75	0.81	0.33	0.57	0.04	0.06
1960	Dry	0.53	(0.55)	(0.09)	(0.04)	(0.03)	(0.04)	(0.13)	(0.14)	(0.18)	(0.16)	(0.05)	2.95	0.17
1961	Dry	(0.33)	(0.08)	(2.71)	(0.02)	(0.03)	(0.01)	(0.02)	(0.06)	(0.07)	0.02	(0.51)	(0.08)	(0.33)
1962	Below Normal	0.36	0.27	(0.23)	0.17	(0.52)	0.00	(0.05)	(0.12)	(0.42)	0.06	0.01	0.01	(0.04)
1963	Wet	(0.15)	0.00	0.00	0.00	0.00	0.00	(0.46)	(0.39)	(0.16)	(0.23)	(0.15)	0.05	(0.12)
1964	Dry	0.02	(0.21)	0.00	(0.10)	0.01	0.00	0.08	0.11	0.16	0.11	0.24	0.04	0.04
1965	Wet	0.01	0.00	(0.11)	(0.02)	0.00	0.00	(0.83)	(2.57)	(2.85)	(2.48)	(2.68)	(0.08)	(0.97)
1966	Below Normal	0.04	(1.85)	0.09	0.08	0.07	3.48	0.44	(0.07)	(0.32)	0.17	0.09	(0.09)	0.18
1967	Wet	(0.04)	(0.07)	(0.35)	0.00	0.00	0.00	10.11	(0.96)	(0.71)	8.01	(3.37)	5.88	1.54
1968	Below Normal	(0.02)	45.43	(0.59)	(1.10)	(54.40)	0.01	0.17	0.04	(0.27)	0.06	0.08	0.03	(0.88)
1969	Wet	0.02	0.00	0.00	(0.01)	1.27	0.00	0.00	0.00	(0.32)	(0.61)	(0.74)	(1.29)	(0.14)
1970	Wet	1.99	(2.28)	(0.13)	0.00	0.00	(0.01)	(0.10)	(0.31)	(0.85)	(0.19)	(0.03)	2.88	0.08
1971	Wet	1.44	(0.85)	(1.70)	0.00	(0.01)	(2.25)	(0.11)	(0.04)	(0.33)	(0.24)	0.03	0.04	(0.34)
1972	Below Normal	0.02	0.25	0.00	0.00	0.00	0.02	0.03	0.06	0.06	0.03	0.02	0.05	0.04
1973	Above Normal	0.01	(0.10)	0.00	0.00	0.00	0.00	(0.09)	(0.15)	4.20	(0.84)	2.98	9.29	1.28
1974	Wet	0.12	(1.70)	0.00	0.00	0.00	0.00	(1.08)	(1.74)	(0.26)	(2.16)	(2.44)	0.01	(0.77)
1975	Wet	(0.01)	(2.83)	0.06	0.06	0.44	0.10	0.10	0.20	0.31	0.31	0.09	0.00	(0.10)
1976	Critical	0.00	0.74	0.02	(0.01)	(0.01)	(0.01)	(0.05)	(0.07)	1.40	(1.10)	0.25	(0.05)	0.09
1977	Critical	0.42	0.03	(0.13)	(0.08)	(0.80)	(0.01)	(0.04)	0.16	0.08	(0.05)	(0.97)	(0.06)	(0.12)
1978	Above Normal	0.47	0.07	(0.01)	(0.01)	(0.12)	0.03	1.80	0.70	10.29	10.41	(10.52)	1.10	1.18
1979	Below Normal	1.20	69.49	6.55	3.99	(5.78)	(6.54)	(4.19)	(0.01)	(11.04)	(17.89)	(7.63)	(0.93)	2.27
1980	Above Normal	(34.54)	(33.53)	(1.54)	0.00	0.01	0.01	0.33	4.66	8.33	7.48	(1.43)	21.32	(2.41)
1981	Dry	0.94	9.95	(0.39)	(0.34)	(0.25)	(0.20)	1.65	5.71	2.23	(3.05)	1.31	2.27	1.65
1982	Wet	(0.42)	(15.24)	(0.02)	0.00	(4.54)	0.00	0.00	5.08	15.50	(3.38)	(3.12)	(0.53)	(0.56)
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	(0.05)	(0.11)	(0.44)	(0.01)	0.03	0.02	(0.05)
1985	Dry	0.02	(0.16)	0.00	0.00	0.00	0.00	(0.03)	(0.04)	(0.20)	0.01	0.01	0.02	(0.03)
1986	Wet	0.02	0.05	0.00	(0.01)	(0.01)	0.00	(0.05)	(0.08)	5.39	(1.01)	(0.70)	(1.01)	0.22
1987	Dry	(0.06)	1.47	(0.07)	(0.06)	(0.05)	(0.04)	(0.40)	(0.76)	(1.39)	(0.36)	1.73	1.79	0.15
1988	Critical	4.04	(0.13)	(0.09)	(0.10)	(0.43)	(0.82)	(0.59)	(0.11)	(1.49)	(0.43)	(0.41)	(0.18)	(0.06)
1989	Dry	(0.14)	(0.20)	(0.22)	1.67	(0.09)	(0.05)	(0.16)	(0.53)	(0.53)	(0.57)	(0.43)	(0.12)	(0.11)
1990	Critical	(0.09)	(0.03)	(0.09)	(0.08)	(0.07)	(0.08)	(0.16)	5.19	(0.36)	(0.26)	(16.66)	18.87	0.51
1991	Critical	1.72	(0.64)	0.09	0.01	(0.04)	(0.01)	(0.14)	(0.22)	(0.76)	(0.67)	(0.29)	(0.37)	(0.11)
1992	Critical	(0.36)	(0.36)	(0.33)	(0.33)	(0.19)	(0.16)	(0.39)	(0.89)	4.50	(10.36)	(2.24)	0.28	(0.90)
1993	Above Normal	(0.76)	15.56	(0.09)	(0.06)	(0.06)	(5.70)	(0.41)	(3.97)	(0.54)	(0.72)	(0.48)	(0.24)	0.21
1994	Critical	(1.74)	(0.75)	0.91	(0.04)	(0.03)	(0.02)	0.04	(1.89)	(3.10)	(0.01)	(0.66)	(0.02)	(0.61)
1995	Wet	0.18	(0.03)	(0.14)	(2.42)	(0.01)	(0.02)	0.90	6.69	5.13	(18.79)	(3.27)	0.00	(0.98)
1996	Wet	(2.31)	59.77	(5.56)	(3.92)	(2.49)	0.00	(1.84)	(2.64)	(3.16)	(2.43)	(0.81)	0.03	2.89
1997	Wet	(4.77)	0.27	0.27	0.00	0.00	0.00	0.00	(0.06)	0.06	(0.51)	(0.66)	0.16	(0.44)
1998	Wet	0.43	(1.32)	0.03	0.47	0.00	0.39	1.13	(0.40)	(1.84)	(2.30)	(1.81)	0.00	(0.43)
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.05	(0.18)	0.22	0.14	(0.09)	0.01
2000	Above Normal	0.38	0.25	0.16	(0.09)	(0.04)	0.00	(0.16)	(0.32)	(0.68)	(0.84)	(0.09)	0.02	(0.12)
2001	Dry	(0.11)	0.07	0.68	(0.01)	(0.01)	(0.01)	0.02	0.15	(0.16)	(0.10)	(0.03)	0.03	0.04
2002	Dry	(0.07)	(0.01)	0.00	(0.09)	0.00	0.00	0.01	(0.02)	(0.01)	(0.01)	0.02	1.47	0.11
2003	Above Normal	0.15	(0.03)	(1.62)	(0.27)	0.00	0.00	(0.06)	(0.10)	(0.17)	(0.10)	0.01	(0.08)	(0.19)
	Average	(0.11)	2.93	(0.27)	(0.49)	(0.89)	(0.43)	(0.89)	0.93	0.74	(0.60)	(1.05)	1.76	0.14
	Wet	0.02	3.66	(0.95)	(0.53)	(0.21)	(0.79)	1.33	1.80	0.52	(0.91)	(1.45)	0.38	0.24
	Above Normal	(1.74)	(1.52)	(0.30)	0.30	0.06	(0.40)	0.19	0.26	2.10	1.37	(0.99)	7.92	0.60
	Below Normal	0.43	10.97	0.34	(2.24)	(4.69)	(0.22)	(0.30)	0.05	(0.16)	(1.71)	(0.96)	0.25	0.15
	Dry	0.11	0.64	(0.02)	0.12	(0.04)	(0.25)	(5.78)	1.23	1.25	(0.38)	(0.10)	1.09	(0.18)
	Critical	0.29	(0.13)	0.13	(0.10)	(0.15)	(0.22)	(0.12)	0.28	0.14	(0.91)	(1.80)	1.35	(0.10)

Percent Difference in Energy generated (GWh) at Syst. Tot.: Alternative4_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%	-1%	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%	1%	-1%
1932	Dry	2%	0%	0%	-2%	0%	1%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	-1%	1%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1935	Below Normal	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	1%	3%	0%	-1%	0%
1938	Wet	0%	-1%	0%	0%	0%	0%	0%	3%	0%	-1%	-1%	0%
1939	Dry	0%	0%	1%	0%	0%	0%	-20%	3%	4%	0%	-1%	3%
1940	Above Normal	5%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	15%
1941	Wet	0%	3%	7%	0%	0%	-3%	0%	2%	0%	1%	-1%	0%
1942	Wet	0%	2%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	1%
1944	Dry	-1%	0%	0%	0%	0%	-1%	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%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1947	Dry	0%	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1953	Wet	0%	15%	-17%	-1%	0%	0%	0%	1%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	2%	2%	1%	1%	-1%	0%
1959	Below Normal	0%	10%	-1%	-9%	-1%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1961	Dry	0%	0%	-1%	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%	-1%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	2%	0%	0%	1%	-1%	1%
1968	Below Normal	0%	16%	0%	0%	-9%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	-1%	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%	1%	0%	1%	2%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	1%	0%	2%	2%	-2%	0%
1979	Below Normal	0%	31%	4%	2%	-3%	-3%	-2%	0%	-2%	-3%	-2%	0%
1980	Above Normal	-13%	-17%	-1%	0%	0%	0%	0%	1%	1%	1%	0%	5%
1981	Dry	0%	3%	0%	0%	0%	0%	1%	1%	0%	0%	0%	1%
1982	Wet	0%	-5%	0%	0%	-1%	0%	0%	1%	3%	0%	-1%	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%	1%	0%	0%	0%
1987	Dry	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1988	Critical	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	2%	0%	0%	-4%	9%
1991	Critical	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	1%	-2%	0%	0%
1993	Above Normal	0%	8%	0%	0%	0%	-2%	0%	-1%	0%	0%	0%	0%
1994	Critical	-1%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	1%	1%	-3%	0%	0%
1996	Wet	0%	19%	-2%	-1%	0%	0%	0%	0%	-1%	0%	0%	0%
1997	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	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%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
	Below Normal	0%	4%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%

Energy generated (GWh) at Tot. Loss: CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	20.66	11.96	7.59	6.83	9.93	10.02	12.67	23.94	26.77	26.53	24.47	22.71	204.08
1923	Below Normal	12.08	13.26	10.79	9.52	8.13	7.41	8.92	22.89	22.40	28.12	22.43	13.60	179.55
1924	Critical	12.01	9.34	7.57	9.92	5.63	7.37	12.40	12.49	14.07	17.87	15.51	9.47	133.65
1925	Dry	5.20	4.34	4.53	10.78	8.27	6.89	10.48	17.83	21.36	27.66	20.28	11.20	148.82
1926	Dry	9.93	7.52	6.66	6.13	5.81	7.49	9.54	14.61	20.97	25.28	17.63	12.09	143.66
1927	Wet	8.14	6.11	7.77	9.65	30.68	10.56	21.46	23.09	23.57	28.51	21.93	29.60	221.07
1928	Above Normal	13.52	10.88	7.96	8.54	6.51	23.58	10.90	17.34	22.94	28.41	23.16	20.88	194.62
1929	Critical	11.51	9.74	6.50	14.50	5.22	6.32	10.77	13.43	17.30	24.59	20.55	10.05	150.48
1930	Dry	7.98	6.07	5.52	5.40	5.14	7.14	8.79	12.90	19.12	21.04	17.78	9.37	126.25
1931	Critical	8.10	6.09	5.73	5.61	4.94	5.63	13.44	11.39	12.20	18.13	16.36	7.64	115.26
1932	Dry	5.85	4.82	3.86	6.18	5.18	5.72	8.31	10.92	14.79	17.84	14.60	8.57	106.64
1933	Critical	7.62	6.25	5.15	4.95	4.23	5.50	8.06	10.28	13.05	17.26	15.16	7.88	105.39
1934	Critical	9.16	4.17	3.95	4.22	4.03	4.61	9.95	11.52	13.42	16.72	20.10	14.03	115.88
1935	Below Normal	4.48	3.72	3.76	3.95	3.96	5.28	9.34	12.07	17.62	22.86	14.11	9.20	110.35
1936	Below Normal	7.97	6.37	5.90	8.72	11.51	10.27	11.55	15.95	17.89	24.79	17.70	11.85	150.47
1937	Below Normal	10.00	7.25	5.90	5.62	5.74	8.01	8.87	14.17	15.72	25.68	17.31	11.86	136.13
1938	Wet	7.77	8.36	29.66	9.11	29.30	34.04	24.10	25.90	26.73	22.12	24.60	26.24	267.93
1939	Dry	16.28	12.03	7.88	6.51	6.57	5.69	19.65	17.80	23.55	32.00	25.22	14.96	188.14
1940	Above Normal	11.10	10.90	5.86	7.22	31.01	33.04	13.10	17.97	22.91	32.15	23.59	17.12	225.97
1941	Wet	11.62	10.42	10.13	31.40	30.56	27.55	25.91	33.05	23.54	31.75	28.78	32.07	296.78
1942	Wet	17.29	15.60	28.76	33.68	32.59	9.43	13.50	26.50	22.69	27.55	26.05	31.30	284.94
1943	Wet	16.88	18.04	11.21	21.84	17.44	28.55	13.51	19.35	21.04	31.35	21.69	28.24	249.14
1944	Dry	14.05	14.78	7.72	7.46	6.05	9.52	11.70	11.71	19.29	29.71	21.39	11.55	164.93
1945	Below Normal	8.60	7.03	6.64	6.63	11.31	9.03	10.73	16.65	20.61	28.11	21.68	14.14	161.16
1946	Below Normal	11.94	9.00	32.43	14.77	8.18	9.95	14.54	20.21	22.60	28.79	23.44	13.87	209.72
1947	Dry	13.06	9.13	6.97	7.06	5.69	7.50	10.96	18.08	19.21	26.89	21.89	12.58	159.02
1948	Below Normal	7.80	6.46	6.51	5.92	5.98	6.82	8.99	20.93	19.77	22.73	22.10	11.95	145.96
1949	Dry	10.92	8.15	7.65	6.95	6.81	13.94	11.63	17.18	22.09	27.63	23.52	14.77	171.24
1950	Below Normal	12.31	9.44	7.92	7.66	10.41	9.47	10.87	17.15	19.61	26.07	19.51	13.41	163.83
1951	Above Normal	14.12	17.65	25.84	16.01	25.43	10.12	17.77	17.45	21.56	31.37	23.19	19.11	239.62
1952	Wet	13.05	12.97	17.03	18.26	29.88	22.32	41.50	26.27	22.45	32.64	27.89	26.86	291.12
1953	Wet	18.46	13.55	11.08	36.29	9.02	10.10	13.59	21.08	22.74	27.35	24.00	31.10	238.36
1954	Above Normal	15.21	20.31	9.86	18.63	26.94	26.16	28.58	18.33	19.77	31.30	21.76	21.36	258.21
1955	Dry	13.69	10.83	8.70	11.09	6.82	6.72	10.37	13.51	18.39	27.50	20.92	11.53	160.07
1956	Wet	10.96	8.32	31.56	34.09	29.15	11.13	13.92	27.75	24.27	24.71	21.32	26.55	263.73
1957	Above Normal	17.54	17.07	8.15	7.80	7.76	19.02	11.21	21.36	20.60	31.48	21.68	19.15	202.82
1958	Wet	12.60	16.84	20.46	26.26	38.41	38.62	24.90	30.21	25.04	32.40	28.76	27.70	322.20
1959	Below Normal	18.45	15.44	8.48	16.42	19.12	7.37	17.38	18.21	26.37	31.49	24.74	13.55	217.02
1960	Dry	12.29	9.29	7.79	6.57	6.36	8.45	12.58	13.50	22.01	27.30	20.79	13.94	160.87
1961	Dry	11.29	8.85	8.87	6.39	13.86	9.86	11.04	16.44	19.25	28.87	22.59	15.29	172.60
1962	Below Normal	12.02	9.87	7.07	6.11	19.52	7.28	13.05	17.97	21.29	29.00	22.76	12.97	178.91
1963	Wet	13.63	10.84	15.06	10.08	16.67	10.66	33.63	19.69	20.01	30.73	20.91	30.72	232.63
1964	Dry	11.75	11.72	7.45	10.47	8.31	7.10	16.02	16.09	19.47	27.57	21.80	11.86	169.61
1965	Wet	9.49	7.90	29.85	32.87	9.87	8.95	14.88	19.41	21.59	28.43	19.47	25.12	227.83
1966	Below Normal	13.72	13.85	8.06	8.33	7.70	16.77	18.22	18.45	23.05	30.62	26.60	15.60	200.97
1967	Wet	14.66	8.52	16.12	21.79	15.60	30.09	18.21	33.19	23.98	28.89	27.05	29.39	267.49
1968	Below Normal	17.22	12.28	8.41	9.51	25.79	9.09	12.73	17.27	21.90	31.73	19.87	14.42	200.22
1969	Wet	10.55	8.04	7.29	32.10	29.79	11.81	22.72	31.61	26.21	26.56	24.81	25.52	257.01
1970	Wet	14.63	11.92	34.51	43.73	22.16	11.14	13.63	18.07	23.60	32.09	21.69	27.05	274.22
1971	Wet	13.30	9.75	11.31	24.06	8.87	27.90	13.30	21.69	21.56	23.11	21.35	27.53	223.73
1972	Below Normal	17.37	14.75	8.36	10.65	7.42	31.02	13.70	17.43	22.26	26.43	23.68	14.32	207.39
1973	Above Normal	11.17	8.04	11.97	27.57	29.06	14.51	10.76	19.26	22.78	31.04	23.99	18.74	228.89
1974	Wet	9.49	34.54	35.78	42.78	10.72	37.53	17.24	19.82	23.30	23.16	28.00	27.96	310.32
1975	Wet	17.81	17.20	7.12	6.44	8.17	34.09	10.15	24.14	24.48	28.34	24.40	28.74	231.08
1976	Critical	19.19	17.58	8.41	16.13	8.20	7.12	9.59	14.96	22.68	28.76	15.83	9.57	178.02
1977	Critical	11.17	8.89	9.97	7.21	9.34	6.89	13.93	9.00	16.41	18.97	20.22	4.45	136.45
1978	Above Normal	12.42	3.51	3.88	6.70	14.56	24.88	13.29	21.67	24.32	27.55	20.90	15.21	188.89
1979	Below Normal	13.30	9.80	7.56	7.73	7.35	8.08	7.89	15.95	22.66	26.23	18.13	11.94	156.62
1980	Above Normal	10.85	8.68	7.40	30.53	30.44	10.46	10.36	18.22	23.92	25.40	23.71	17.32	217.29
1981	Dry	11.09	13.65	8.00	7.97	6.01	6.03	7.69	16.98	24.90	29.51	23.23	11.39	166.45
1982	Wet	9.59	14.18	31.68	15.76	32.29	27.88	34.28	19.47	22.46	25.10	18.88	19.21	270.78
1983	Wet	21.99	17.72	27.30	35.28	34.37	42.02	25.96	34.13	39.58	38.92	33.39	30.11	380.77
1984	Wet	20.59	30.72	37.71	20.87	10.94	19.01	11.56	19.43	22.05	31.52	22.73	26.29	273.42
1985	Dry	11.79	9.85	10.13	11.40	5.99	6.49	12.32	19.38	25.79	30.50	26.06	12.36	182.06
1986	Wet	10.85	8.52	6.65	7.91	29.11	33.54	15.98	18.52	23.97	28.90	21.67	17.22	222.84
1987	Dry	9.75	12.19	7.74	6.61	5.92	5.87	12.94	18.20	25.30	31.15	22.10	13.85	171.62
1988	Critical	11.33	6.48	5.68	6.70	8.42	6.59	11.15	13.25	20.50	25.77	18.88	9.29	144.04
1989	Dry	8.36	4.92	5.24	9.67	4.63	11.77	9.35	20.34	21.05	26.60	16.60	8.43	146.96
1990	Critical	6.72	6.24	6.23	5.96	5.25	6.07	11.99	11.20	14.90	23.11	18.40	8.86	124.93
1991	Critical	7.68	5.91	5.44	5.24	4.64	5.07	6.23	10.63	13.16	19.92	15.40	6.27	105.59
1992	Critical	6.80	6.76	4.61	4.61	4.76	4.95	6.01	16.76	18.22	20.95	23.91	8.70	127.04
1993	Above Normal	7.37	8.50	4.10	4.79	8.47	10.83	10.97	19.80	21.61	23.52	19.97	19.59	159.52
1994	Critical	11.17	12.37	8.88	6.32	5.60	6.10	12.48	13.50	21.74	27.16	21.14	8.41	154.87
1995	Wet	8.22	6.06	5.30	25.28	13.04	34.02	17.18	30.10	25.15	25.73	27.98	26.43	244.49
1996	Wet	19.33	13.48	12.06	14.14	34.53	25.47	13.02	28.44	20.15	26.99	20.70	24.86	253.17
1997	Wet	15.24	16.17	36.87	37.51	11.98	8.98	17.16	20.58	23.18	30.63	21.04	24.01	263.35
1998	Wet	13.93	13.06	5.73	18.10	32.45	33.56	14.94	33.81	44.67	38.05	31.29	28.69	308.28
1999	Wet	19.94	20.81	21.29	17.44	30.64	25.92	10.71	23.99	22.32	28.93	21.06	26.44	269.49
2000	Above Normal	17.30	19.59	8.50	13.29	34.27	16.63	17.56	19.49	21.67	31.76	21.79	23.29	245.14
2001	Dry	12.95	15.20	8.23	6.71	5.68	6.01	9.75	19.40	26.14	31.45	23.07	11.73	176.32
2002	Dry	16.83	7.54	7.12	16.07	7.74	8.09	13.08	19.32	22.83	26.72	21.02	13.09	179.45
2003	Above Normal	13.02	9.77	15.47	23.22	8.24	7.15	15.84	29.50	20.49	34.26	23.34	23.26	223.56
	Average	12.40	11.17	11.73	14.15	14.32	14.39	14.26	19.29	21.79	27.39	21.94	17.67	200.48
	Wet	13.85	13.83	19.59	24.10	23.01	23.65	19.11	24.97	24.63	29.02	24.29	27.11	267.16
	Above Normal	13.69	12.24	9.72	14.26	19.39	17.20	14.42	20.36	22.45	29.56	22.63	19.81	215.72
	Below Normal	11.95	9.89	9.13	8.68	10.87	10.42	11.91	17.52	20.98	27.33	21.00	13.05	172.74
	Dry	11.28	9.49	7.23	8.30	6.71	7.79	11.46	16.34	21.42	27.51	21.14	12.14	160.82
	Critical	10.21	8.32	6.51	7.61	5.86	6.02	10.50	12.37	16.47	21.60	18.46	8.72	132.63

Energy generated (GWh) at Tot. Loss: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	20.66	11.97	7.59	6.83	9.93	10.02	12.67	23.94	26.79	26.53	24.43	22.71	204.07
1923	Below Normal	12.08	13.27	10.79	9.52	8.14	7.41	8.91	22.88	22.39	28.11	22.42	13.61	179.53
1924	Critical	12.00	9.34	7.57	9.91	5.63	7.37	12.41	12.50	14.08	17.88	15.51	9.48	133.68
1925	Dry	5.21	4.34	4.53	10.80	8.27	6.89	10.48	17.84	21.37	27.66	20.28	11.20	148.87
1926	Dry	9.93	7.52	6.66	6.13	5.80	7.49	9.54	14.61	20.96	25.28	17.62	12.08	143.62
1927	Wet	8.15	6.11	7.77	9.65	30.68	10.56	21.46	23.09	23.57	28.51	21.93	29.60	221.08
1928	Above Normal	13.52	10.88	7.96	8.54	6.51	23.57	10.90	17.34	22.93	28.40	23.16	20.88	194.59
1929	Critical	11.52	9.74	6.50	14.49	5.22	6.32	10.77	13.44	17.30	24.59	20.55	10.05	150.49
1930	Dry	7.98	6.08	5.51	5.40	5.14	7.14	8.79	12.91	19.12	21.03	17.79	9.37	126.26
1931	Critical	8.10	6.10	5.73	5.61	4.94	5.63	13.44	11.40	12.20	18.13	16.49	7.54	115.31
1932	Dry	5.97	4.82	3.86	6.07	5.18	5.73	8.31	10.93	14.79	17.83	14.64	8.58	106.71
1933	Critical	7.62	6.26	5.15	4.95	4.23	5.43	8.04	10.29	13.05	17.26	15.14	7.87	105.29
1934	Critical	9.14	4.15	4.01	4.21	4.03	4.61	9.95	11.52	13.42	16.73	19.95	14.03	115.75
1935	Below Normal	4.65	3.72	3.76	3.95	3.96	5.28	9.34	12.07	17.62	22.86	14.10	9.21	110.52
1936	Below Normal	7.98	6.37	5.90	8.72	11.51	10.26	11.55	15.95	17.89	24.79	17.70	11.85	150.47
1937	Below Normal	10.00	7.26	5.90	5.62	5.74	8.01	8.87	14.19	15.84	25.65	17.29	11.86	136.23
1938	Wet	7.77	8.26	29.66	9.11	29.30	34.04	24.12	26.07	26.72	22.08	24.51	26.24	267.88
1939	Dry	16.26	12.02	7.99	6.51	6.57	5.69	15.07	18.62	24.94	32.01	25.06	15.37	186.11
1940	Above Normal	11.77	10.99	5.83	7.25	31.03	33.05	13.11	18.01	22.96	32.16	23.62	19.98	229.76
1941	Wet	11.65	10.72	10.83	31.42	30.56	26.70	25.90	33.19	23.52	31.83	28.73	32.07	297.12
1942	Wet	17.37	15.93	29.21	33.68	32.59	9.43	13.50	26.50	22.69	27.55	26.05	31.30	285.80
1943	Wet	16.88	18.01	11.21	21.81	17.44	28.55	13.51	19.34	20.98	31.03	21.69	28.40	248.85
1944	Dry	13.90	14.85	7.74	7.45	6.06	9.39	11.71	11.72	19.38	29.68	21.43	11.59	164.90
1945	Below Normal	8.61	7.03	6.65	6.63	11.31	9.03	10.73	16.65	20.59	28.09	21.67	14.15	161.14
1946	Below Normal	11.92	9.11	32.43	14.77	8.18	9.95	14.54	20.21	22.61	28.69	23.39	14.03	209.83
1947	Dry	13.12	9.13	6.96	7.05	5.65	7.38	10.97	18.10	19.23	26.90	22.00	12.62	159.11
1948	Below Normal	7.79	6.46	6.51	5.92	5.98	6.82	9.00	20.93	19.74	22.72	22.11	11.95	145.93
1949	Dry	10.92	8.15	7.65	6.95	6.81	13.94	11.63	17.19	22.09	27.63	23.52	14.80	171.28
1950	Below Normal	12.32	9.44	7.92	7.65	10.41	9.47	10.87	17.15	19.61	26.08	19.51	13.41	163.84
1951	Above Normal	14.11	17.62	25.84	16.01	25.43	10.17	17.76	17.45	21.56	31.37	23.19	19.11	239.62
1952	Wet	13.05	12.98	17.04	18.26	29.88	22.34	41.61	26.25	22.47	32.63	27.91	26.85	291.27
1953	Wet	18.46	15.73	9.16	36.01	9.02	10.10	13.59	21.14	22.76	27.37	23.99	31.10	238.43
1954	Above Normal	15.14	20.22	9.87	18.78	26.96	26.16	28.59	18.34	19.77	31.31	21.76	21.36	258.26
1955	Dry	13.72	10.86	8.70	11.23	6.86	6.72	10.37	13.50	18.39	27.50	20.87	11.52	160.24
1956	Wet	11.04	8.33	31.56	34.03	29.15	11.13	13.92	27.75	24.27	24.71	21.34	26.55	263.78
1957	Above Normal	17.54	17.07	8.15	7.80	7.76	19.01	11.21	21.36	20.60	31.48	21.68	19.15	202.81
1958	Wet	12.60	16.84	20.46	26.26	38.41	38.62	25.04	30.33	25.08	32.47	28.70	27.67	322.48
1959	Below Normal	18.49	17.11	8.44	14.87	18.89	7.37	17.40	18.22	26.39	31.49	24.76	13.55	216.98
1960	Dry	12.31	9.27	7.78	6.57	6.36	8.45	12.57	13.50	22.01	27.30	20.79	14.08	160.99
1961	Dry	11.27	8.84	8.75	6.39	13.86	9.86	11.04	16.44	19.25	28.87	22.56	15.28	172.41
1962	Below Normal	12.03	9.88	7.06	6.12	19.49	7.28	13.05	17.96	21.29	29.00	22.76	12.97	178.89
1963	Wet	13.63	10.84	15.06	10.08	16.67	10.66	33.61	19.68	20.01	30.73	20.91	30.72	232.60
1964	Dry	11.75	11.71	7.45	10.46	8.31	7.10	16.02	16.09	19.47	27.57	21.81	11.86	169.60
1965	Wet	9.49	7.90	29.84	32.87	9.87	8.95	14.87	19.37	21.55	28.40	19.43	25.11	227.65
1966	Below Normal	13.72	13.76	8.06	8.33	7.70	16.92	18.24	18.46	23.05	30.63	26.60	15.60	201.07
1967	Wet	14.66	8.52	16.11	21.79	15.60	30.09	18.31	33.18	23.97	28.97	27.01	29.66	267.87
1968	Below Normal	17.21	14.33	8.38	9.46	23.34	9.09	12.74	17.28	21.90	31.74	19.87	14.42	199.76
1969	Wet	10.56	8.04	7.29	32.09	29.80	11.81	22.72	31.61	26.21	26.56	24.80	25.50	256.99
1970	Wet	14.72	11.83	34.50	43.73	22.16	11.14	13.63	18.07	23.59	32.09	21.69	27.18	274.33
1971	Wet	13.36	9.72	11.24	24.06	8.87	27.80	13.30	21.69	21.55	23.10	21.35	27.53	223.57
1972	Below Normal	17.37	14.76	8.36	10.65	7.42	31.02	13.70	17.43	22.26	26.43	23.69	14.32	207.41
1973	Above Normal	11.17	8.03	11.97	27.57	29.06	14.51	10.76	19.26	22.83	31.03	24.02	19.16	229.37
1974	Wet	9.50	34.46	35.78	42.78	10.72	37.53	17.23	19.80	23.30	23.14	27.97	27.96	310.17
1975	Wet	17.81	17.07	7.12	6.45	8.19	34.09	10.15	24.14	24.49	28.34	24.40	28.74	230.99
1976	Critical	19.19	17.61	8.41	16.13	8.20	7.12	9.59	14.96	22.74	28.70	15.84	9.57	178.06
1977	Critical	11.19	8.89	9.96	7.20	9.31	6.89	13.93	9.01	16.42	18.97	20.17	4.45	136.39
1978	Above Normal	12.44	3.52	3.88	6.70	14.56	24.88	13.30	21.68	24.43	27.66	20.79	15.26	189.10
1979	Below Normal	13.35	12.93	7.86	7.91	7.09	7.78	7.82	16.11	22.36	25.50	17.87	11.89	158.47
1980	Above Normal	9.30	7.17	7.33	30.53	30.44	10.46	10.37	18.28	24.01	25.48	23.70	18.35	215.42
1981	Dry	11.14	14.10	7.98	7.95	6.00	6.02	7.70	17.00	24.89	29.38	23.29	11.49	166.94
1982	Wet	9.58	13.50	31.68	15.76	32.09	27.88	34.28	19.52	22.62	25.07	18.87	19.19	270.04
1983	Wet	21.99	17.72	27.30	35.28	34.37	42.02	25.96	34.13	39.58	38.92	33.39	30.11	380.77
1984	Wet	20.59	30.72	37.71	20.87	10.94	19.01	11.56	19.43	22.05	31.52	22.73	26.29	273.42
1985	Dry	11.80	9.85	10.13	11.40	5.99	6.49	12.32	19.38	25.79	30.50	26.06	12.36	182.07
1986	Wet	10.86	8.53	6.65	7.91	29.11	33.54	15.98	18.52	24.02	28.89	21.66	17.21	222.88
1987	Dry	9.75	12.32	7.73	6.61	5.92	5.86	12.93	18.18	25.25	31.17	22.25	13.93	171.90
1988	Critical	11.51	6.47	5.68	6.70	8.40	6.55	11.13	13.24	20.43	25.74	18.86	9.28	143.99
1989	Dry	8.36	4.91	5.23	9.74	4.62	11.76	9.35	20.32	21.03	26.58	16.58	8.43	146.91
1990	Critical	6.72	6.24	6.22	5.95	5.25	6.06	11.98	11.25	14.89	23.10	17.43	9.97	125.06
1991	Critical	7.76	5.88	5.44	5.24	4.64	5.07	6.23	10.62	13.14	19.90	15.40	6.26	105.58
1992	Critical	6.78	6.74	4.59	4.60	4.75	4.95	6.00	16.73	18.65	20.34	23.81	8.70	126.64
1993	Above Normal	7.34	9.20	4.10	4.78	8.47	10.57	10.97	19.63	21.59	23.49	19.95	19.58	159.67
1994	Critical	11.09	12.34	8.92	6.32	5.60	6.10	12.48	13.40	21.59	27.16	21.11	8.41	154.52
1995	Wet	8.23	6.06	5.30	25.17	13.04	34.02	17.19	30.17	25.20	25.07	27.95	26.43	243.83
1996	Wet	19.30	16.17	11.80	13.96	34.42	25.47	13.00	28.42	20.12	26.97	20.69	24.87	255.19
1997	Wet	15.03	16.18	36.88	37.51	11.98	8.98	17.16	20.58	23.18	30.58	21.04	24.01	263.11
1998	Wet	13.94	13.00	5.73	18.12	32.45	33.58	14.95	33.81	44.65	38.03	31.27	28.69	308.22
1999	Wet	19.94	20.81	21.29	17.44	30.64	25.92	10.71	23.99	22.32	28.93	21.06	26.44	269.49
2000	Above Normal	17.31	19.60	8.51	13.29	34.27	16.63	17.56	19.49	21.66	31.75	21.79	23.29	245.15
2001	Dry	12.95	15.20	8.26	6.71	5.68	6.01	9.75	19.41	26.14	31.45	23.05	11.73	176.34
2002	Dry	16.83	7.54	7.12	16.07	7.74	8.09	13.09	19.33	22.83	26.72	21.02	13.16	179.54
2003	Above Normal	13.02	9.77	15.39	23.21	8.24	7.15	15.84	29.50	20.48	34.26	23.34	23.26	223.46
	Average	12.40	11.30	11.72	14.13	14.28	14.37	14.20	19.30	21.81	27.36	21.92	17.75	200.53
	Wet	13.85	14.00	19.55	24.08	23.00	23.61	19.13	24.99	24.63	28.98	24.27	27.13	267.22
	Above Normal	13.61	12.17	9.70	14.27	19.39	17.18	14.42	20.36	22.47	29.58	22.62	20.17	215.94
	Below Normal	11.97	10.39	9.14	8.58	10.65	10.41	11.91	17.54	20.97	27.27	20.98	13.06	172.86
	Dry	11.29	9.53	7.22	8.31	6.71	7.78	11.20	16.39	21.50	27.50	21.15	12.19	160.77
	Critical	10.22	8.31	6.52	7.61	5.85	6.01	10.50	12.36	16.49	21.54	18.36	8.80	132.56

Difference in Energy generated (GWh) at Tot. Loss: Alternative4_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	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	(0.04)	0.00	0.00
1923	Below Normal	0.00	0.01	0.00	0.00	0.01	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.01	0.00
1924	Critical	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.01	0.00
1925	Dry	0.01	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00
1926	Dry	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	0.00
1927	Wet	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00
1929	Critical	0.01	0.00	0.00	(0.01)	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.01	(0.01)	0.00	0.00	0.00	0.00	0.01	0.00	(0.01)	0.01	0.00	0.00
1931	Critical	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.13	(0.10)	0.00
1932	Dry	0.12	0.00	0.00	(0.11)	0.00	0.01	0.00	0.01	0.00	(0.01)	0.04	0.01	0.01
1933	Critical	0.00	0.01	0.00	0.00	0.00	(0.07)	(0.02)	0.01	0.00	0.00	(0.02)	(0.01)	(0.01)
1934	Critical	(0.02)	(0.02)	0.06	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	(0.15)	0.00	(0.01)
1935	Below Normal	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.01	0.01
1936	Below 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
1937	Below Normal	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.12	(0.03)	(0.02)	0.00	0.01
1938	Wet	0.00	(0.10)	0.00	0.00	0.00	0.00	0.02	0.17	(0.01)	(0.04)	(0.09)	0.00	0.00
1939	Dry	(0.02)	(0.01)	0.11	0.00	0.00	0.00	(4.58)	0.82	1.39	0.01	(0.16)	0.41	(0.17)
1940	Above Normal	0.67	0.09	(0.03)	0.03	0.02	0.01	0.01	0.04	0.05	0.01	0.03	2.86	0.32
1941	Wet	0.03	0.30	0.70	0.02	0.00	(0.85)	(0.01)	0.14	(0.02)	0.08	(0.05)	0.00	0.03
1942	Wet	0.08	0.33	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
1943	Wet	0.00	(0.03)	0.00	(0.03)	0.00	0.00	0.00	(0.01)	(0.06)	(0.32)	0.00	0.16	(0.02)
1944	Dry	(0.15)	0.07	0.02	(0.01)	0.01	(0.13)	0.01	0.01	0.09	(0.03)	0.04	0.04	0.00
1945	Below Normal	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.02)	(0.01)	0.01	0.00
1946	Below Normal	(0.02)	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.10)	(0.05)	0.16	0.01
1947	Dry	0.06	0.00	(0.01)	(0.01)	(0.04)	(0.12)	0.01	0.02	0.02	0.01	0.11	0.04	0.01
1948	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.00	(0.03)	(0.01)	0.01	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.03	0.00
1950	Below Normal	0.01	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1951	Above Normal	(0.01)	(0.03)	0.00	0.00	0.00	0.05	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.01	0.01	0.00	0.00	0.02	0.11	(0.02)	0.02	(0.01)	0.02	(0.01)	0.01
1953	Wet	0.00	2.18	(1.92)	(0.28)	0.00	0.00	0.00	0.06	0.02	0.02	(0.01)	0.00	0.01
1954	Above Normal	(0.07)	(0.09)	0.01	0.15	0.02	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00
1955	Dry	0.03	0.03	0.00	0.14	0.04	0.00	0.00	(0.01)	0.00	0.00	(0.05)	(0.01)	0.01
1956	Wet	0.08	0.01	0.00	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
1957	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
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.12	0.04	0.07	(0.06)	(0.03)	0.02
1959	Below Normal	0.04	1.67	(0.04)	(1.55)	(0.23)	0.00	0.02	0.01	0.02	0.00	0.02	0.00	0.00
1960	Dry	0.02	(0.02)	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.14	0.01
1961	Dry	(0.02)	(0.01)	(0.12)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.01)	(0.02)
1962	Below Normal	0.01	0.01	(0.01)	0.01	(0.03)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.01)	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1965	Wet	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)	(0.04)	(0.04)	(0.03)	(0.04)	(0.01)	(0.02)
1966	Below Normal	0.00	(0.09)	0.00	0.00	0.00	0.15	0.02	0.01	0.00	0.01	0.00	0.00	0.01
1967	Wet	0.00	0.00	(0.01)	0.00	0.00	0.00	0.10	(0.01)	(0.01)	0.08	(0.04)	0.27	0.03
1968	Below Normal	(0.01)	2.05	(0.03)	(0.05)	(2.45)	0.00	0.01	0.01	0.00	0.01	0.00	0.00	(0.04)
1969	Wet	0.01	0.00	0.00	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	0.00
1970	Wet	0.09	(0.09)	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.13	0.01
1971	Wet	0.06	(0.03)	(0.07)	0.00	0.00	(0.10)	0.00	0.00	(0.01)	(0.01)	0.00	0.00	(0.01)
1972	Below Normal	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1973	Above Normal	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.05	(0.01)	0.03	0.42	0.04
1974	Wet	0.01	(0.08)	0.00	0.00	0.00	0.00	(0.01)	(0.02)	0.00	(0.02)	(0.03)	0.00	(0.01)
1975	Wet	0.00	(0.13)	0.00	0.01	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00	(0.01)
1976	Critical	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.06	(0.06)	0.01	0.00	0.00
1977	Critical	0.02	0.00	(0.01)	(0.01)	(0.03)	0.00	0.00	0.01	0.01	0.00	(0.05)	0.00	0.00
1978	Above Normal	0.02	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.11	0.11	(0.11)	0.05	0.02
1979	Below Normal	0.05	3.13	0.30	0.18	(0.26)	(0.30)	(0.07)	0.16	(0.30)	(0.73)	(0.26)	(0.05)	0.15
1980	Above Normal	(1.55)	(1.51)	(0.07)	0.00	0.00	0.00	0.01	0.06	0.09	0.08	(0.01)	1.03	(0.16)
1981	Dry	0.05	0.45	(0.02)	(0.02)	(0.01)	(0.01)	0.01	0.02	(0.01)	(0.13)	0.06	0.10	0.04
1982	Wet	(0.01)	(0.68)	0.00	0.00	(0.20)	0.00	0.00	0.05	0.16	(0.03)	(0.01)	(0.02)	(0.06)
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.05	(0.01)	(0.01)	(0.01)	0.00
1987	Dry	0.00	0.13	(0.01)	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.05)	0.02	0.15	0.08	0.02
1988	Critical	0.18	(0.01)	0.00	0.00	(0.02)	(0.04)	(0.02)	(0.01)	(0.07)	(0.03)	(0.02)	(0.01)	0.00
1989	Dry	0.00	(0.01)	(0.01)	0.07	(0.01)	(0.01)	0.00	(0.02)	(0.02)	(0.02)	(0.02)	0.00	0.00
1990	Critical	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	(0.01)	0.05	(0.01)	(0.01)	(0.97)	1.11	0.01
1991	Critical	0.08	(0.03)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.02)	0.00	(0.01)	0.00
1992	Critical	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	0.00	(0.01)	(0.03)	0.43	(0.61)	(0.10)	0.00	(0.03)
1993	Above Normal	(0.03)	0.70	0.00	(0.01)	0.00	(0.26)	0.00	(0.17)	(0.02)	(0.03)	(0.02)	(0.01)	0.01
1994	Critical	(0.08)	(0.03)	0.04	0.00	0.00	0.00	0.00	(0.10)	(0.15)	0.00	(0.03)	0.00	(0.03)
1995	Wet	0.01	0.00	0.00	(0.11)	0.00	0.00	0.01	0.07	0.05	(0.66)	(0.03)	0.00	(0.05)
1996	Wet	(0.03)	2.69	(0.26)	(0.18)	(0.11)	0.00	(0.02)	(0.02)	(0.03)	(0.02)	(0.01)	0.01	0.17
1997	Wet	(0.21)	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	0.00	0.00	(0.02)
1998	Wet	0.01	(0.06)	0.00	0.02	0.00	0.02	0.01	0.00	(0.02)	(0.02)	(0.02)	0.00	(0.01)
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	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.01	0.00	0.00	(0.02)	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.07	0.01
2003	Above Normal	0.00	0.00	(0.08)	(0.01)	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)
	Average	(0.00)	0.13	(0.01)	(0.02)	(0.04)	(0.02)	(0.05)	0.02	0.02	(0.03)	(0.02)	0.08	0.00
	Wet	0.01	0.17	(0.04)	(0.02)	(0.01)	(0.04)	0.01	0.02	0.01	(0.04)	(0.01)	0.02	0.01
	Above Normal	(0.08)	(0.07)	(0.01)	0.01	0.00	(0.02)	0.00	(0.00)	0.02	0.01	(0.01)	0.36	0.02
	Below Normal	0.02	0.49	0.02	(0.10)	(0.21)	(0.01)	(0.00)	0.01	(0.02)	(0.06)	(0.02)	0.01	0.01
	Dry	0.01	0.04	(0.00)	0.00	(0.00)	(0.01)	(0.25)	0.05	0.08	(0.01)	0.01	0.05	(0.00)
	Critical	0.01	(0.00)	0.00	(0.00)	(0.00)	(0.01)	(0.00)	(0.00)	0.02	(0.06)	(0.10)	0.08	(0.01)

Percent Difference in Energy generated (GWh) at Tot. Loss: Alternative4_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%	1%	-1%
1932	Dry	2%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1935	Below Normal	4%	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%	1%	0%	0%	0%
1938	Wet	0%	-1%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
1939	Dry	0%	0%	1%	0%	0%	0%	-23%	5%	6%	0%	-1%	3%
1940	Above Normal	6%	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	17%
1941	Wet	0%	3%	7%	0%	0%	-3%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	2%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	1%
1944	Dry	-1%	0%	0%	0%	0%	-1%	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%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1947	Dry	0%	0%	0%	0%	-1%	-2%	0%	0%	0%	0%	1%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	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%	16%	-17%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	1%	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%	1%	0%	0%	0%	0%	0%
1959	Below Normal	0%	11%	0%	-9%	-1%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1961	Dry	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	1%
1968	Below Normal	0%	17%	0%	-1%	-9%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	-1%	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%	2%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1979	Below Normal	0%	32%	4%	2%	-4%	-4%	-1%	1%	-1%	-3%	-1%	0%
1980	Above Normal	-14%	-17%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	6%
1981	Dry	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
1982	Wet	0%	-5%	0%	0%	-1%	0%	0%	0%	1%	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%	1%	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%
1988	Critical	2%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-5%	13%
1991	Critical	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	2%	-3%	0%	0%
1993	Above Normal	0%	8%	0%	0%	0%	-2%	0%	-1%	0%	0%	0%	0%
1994	Critical	-1%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	0%
1996	Wet	0%	20%	-2%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	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%	1%
2003	Above Normal	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
	Wet	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
	Below Normal	0%	4%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	1%

Energy generated (GWh) at Trinity Dam: CONV_NA

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	82.18	17.23	12.16	12.17	10.97	8.83	17.16	67.62	20.95	45.70	44.55	52.43	391.95
1923	Below Normal	24.16	16.45	11.60	8.43	7.67	10.44	16.61	70.65	43.27	52.54	55.43	37.01	354.26
1924	Critical	21.35	14.47	8.25	33.97	6.62	11.26	20.12	29.56	17.04	31.69	29.42	19.62	243.37
1925	Dry	5.00	3.91	4.27	37.20	3.75	5.17	9.64	88.62	61.39	53.03	25.69	19.90	317.57
1926	Dry	10.45	6.43	6.63	6.69	6.04	8.81	11.66	63.01	28.59	40.84	30.00	30.18	249.33
1927	Wet	10.04	6.21	6.91	7.47	5.10	8.30	9.65	99.36	57.66	60.21	43.96	51.79	366.66
1928	Above Normal	34.35	16.11	11.53	11.55	7.88	6.34	13.12	99.19	50.29	40.46	54.39	50.62	395.83
1929	Critical	23.26	15.79	11.15	70.76	6.83	10.52	19.31	34.28	33.85	55.67	34.64	23.73	339.79
1930	Dry	10.21	6.25	6.83	6.84	6.22	7.19	12.40	61.73	32.57	31.09	38.91	23.03	243.27
1931	Critical	9.89	6.05	6.22	6.18	5.61	7.73	15.92	26.32	15.93	29.85	34.33	15.96	179.99
1932	Dry	4.80	8.98	3.36	12.26	3.03	3.46	6.98	41.43	16.46	26.91	20.31	7.92	155.90
1933	Critical	7.88	4.80	3.54	3.31	2.87	6.16	6.59	40.22	14.17	28.33	9.68	9.07	136.62
1934	Critical	19.92	3.47	3.56	3.65	3.50	4.19	15.30	26.95	15.80	29.42	49.52	36.63	211.91
1935	Below Normal	3.88	2.37	2.76	2.95	2.88	3.52	6.86	43.65	15.14	28.67	9.74	9.12	131.54
1936	Below Normal	4.90	3.77	3.89	3.96	4.02	6.31	9.70	74.45	37.94	35.29	27.01	21.06	232.30
1937	Below Normal	8.97	4.11	4.21	4.18	3.76	4.21	8.08	53.03	18.35	40.85	25.91	20.04	195.70
1938	Wet	10.49	4.80	5.26	7.75	5.29	6.05	9.00	102.00	99.22	28.70	47.42	52.38	378.36
1939	Dry	53.58	12.12	18.42	9.04	8.18	6.69	62.10	55.45	56.04	80.60	75.23	51.69	489.14
1940	Above Normal	22.25	22.13	6.72	6.92	4.99	5.93	15.41	99.93	73.30	69.43	52.57	39.01	418.59
1941	Wet	22.60	15.36	5.81	5.98	5.63	92.58	63.80	103.18	100.40	103.17	58.78	72.95	650.24
1942	Wet	51.72	17.52	96.32	60.66	50.13	9.27	18.11	102.65	61.15	71.95	50.59	69.18	659.25
1943	Wet	49.49	17.52	28.95	26.06	14.68	34.46	17.82	102.05	55.20	61.51	44.81	52.82	505.37
1944	Dry	35.07	16.45	11.63	11.59	10.81	34.16	21.14	37.63	47.88	78.18	53.01	35.20	392.75
1945	Below Normal	11.27	6.92	7.23	10.27	5.01	8.00	14.68	88.65	57.83	52.36	42.25	34.56	339.03
1946	Below Normal	11.07	5.11	5.33	5.75	7.31	8.19	13.40	97.70	70.96	56.71	51.46	38.11	371.10
1947	Dry	22.03	14.95	10.61	8.46	6.96	7.85	17.74	66.10	30.35	44.21	51.65	26.51	307.42
1948	Below Normal	11.09	6.92	7.57	7.16	9.96	10.70	14.21	86.72	42.78	23.86	40.39	10.06	271.42
1949	Dry	7.50	5.82	8.10	8.52	7.24	5.89	12.29	96.32	63.42	57.94	52.55	38.98	364.57
1950	Below Normal	22.56	15.30	10.76	10.70	9.72	7.90	15.86	68.47	31.97	51.88	44.75	36.85	326.72
1951	Above Normal	21.52	5.56	5.84	6.43	5.76	11.30	40.13	101.71	60.05	61.15	55.73	52.03	427.21
1952	Wet	34.52	16.20	6.15	6.48	5.98	12.67	68.40	103.15	64.57	99.36	52.12	69.52	539.12
1953	Wet	49.44	6.57	20.08	98.12	15.18	17.55	31.79	102.17	60.09	55.19	53.96	73.08	583.22
1954	Above Normal	49.83	37.00	26.64	19.61	48.86	60.42	64.57	102.57	61.11	62.85	45.95	54.39	633.80
1955	Dry	36.25	17.03	12.14	36.35	7.93	10.76	14.94	71.66	33.44	54.44	52.44	38.88	386.26
1956	Wet	22.49	15.26	5.64	36.31	20.19	26.60	42.36	102.98	99.74	64.15	37.43	49.17	522.32
1957	Above Normal	51.70	8.59	12.45	12.43	11.09	28.91	13.96	102.04	51.21	62.92	45.92	54.28	455.50
1958	Wet	27.00	35.60	43.94	46.82	90.59	101.35	40.10	103.18	100.34	98.22	55.65	70.45	813.24
1959	Below Normal	50.19	6.58	12.45	49.95	7.61	19.38	44.36	101.29	82.75	70.80	67.13	59.24	571.73
1960	Dry	22.47	15.23	10.70	10.62	9.93	7.97	14.30	91.68	45.34	55.91	50.53	37.33	372.01
1961	Dry	21.53	14.59	5.59	7.67	5.13	6.13	13.00	94.03	48.37	58.37	52.97	49.22	376.60
1962	Below Normal	22.59	15.33	10.81	7.88	5.29	8.15	12.08	94.55	62.02	56.72	51.31	38.02	384.75
1963	Wet	7.29	5.86	6.04	8.62	5.58	6.90	17.75	102.79	61.52	63.56	46.42	75.07	407.40
1964	Dry	36.05	16.93	6.67	21.82	25.17	11.01	20.78	71.98	43.71	54.33	62.35	37.53	408.33
1965	Wet	21.71	14.77	5.31	39.22	8.18	10.07	10.30	102.08	62.54	61.72	45.07	42.58	423.55
1966	Below Normal	24.81	16.91	12.16	8.84	8.11	9.85	50.83	102.69	58.36	63.13	87.77	53.27	496.73
1967	Wet	35.44	16.66	7.75	28.25	18.28	27.38	10.52	102.32	61.05	75.14	53.54	71.39	507.72
1968	Below Normal	53.99	8.88	14.39	19.62	72.02	23.72	19.01	100.97	62.32	71.03	53.94	50.23	550.12
1969	Wet	23.10	15.71	11.14	6.06	5.68	6.45	9.13	102.88	100.01	64.55	47.33	48.12	440.16
1970	Wet	50.69	6.78	82.58	98.12	24.76	23.16	17.82	100.91	88.37	70.17	53.25	59.32	675.93
1971	Wet	27.43	15.27	5.96	6.08	7.92	7.40	23.61	102.33	60.41	27.24	47.75	66.62	398.02
1972	Below Normal	49.16	10.31	14.87	27.46	9.41	91.07	13.89	101.78	53.35	26.33	74.58	53.15	525.36
1973	Above Normal	24.54	6.24	6.43	27.59	23.60	14.57	20.26	102.63	60.86	63.59	75.67	53.99	479.97
1974	Wet	24.98	93.99	93.91	98.12	7.88	79.85	21.40	103.04	99.97	64.50	52.04	68.95	808.63
1975	Wet	48.90	6.58	12.42	9.03	8.12	43.89	16.35	102.45	61.23	88.02	51.62	69.63	518.24
1976	Critical	53.71	17.50	20.38	80.01	8.06	8.92	15.28	71.19	61.22	78.83	53.81	35.90	504.81
1977	Critical	11.52	12.72	21.82	11.46	11.45	9.18	18.07	26.45	16.14	30.11	51.19	8.17	228.28
1978	Above Normal	27.83	2.90	3.90	3.97	4.45	5.27	8.17	93.71	90.24	53.76	39.16	36.64	370.00
1979	Below Normal	21.25	5.41	5.62	5.55	5.04	7.60	13.83	63.43	31.42	40.58	44.13	36.28	280.14
1980	Above Normal	19.02	5.34	5.65	5.67	5.54	8.86	12.43	100.41	73.84	59.19	53.99	50.25	400.19
1981	Dry	23.09	10.79	11.06	11.15	7.44	8.58	16.01	68.89	33.34	57.24	71.11	37.43	356.13
1982	Wet	21.60	5.32	5.85	6.62	65.12	33.13	21.78	102.76	98.98	62.74	15.60	24.34	463.84
1983	Wet	61.27	19.85	57.87	66.10	67.49	100.25	22.01	103.18	100.40	103.17	72.22	77.36	851.17
1984	Wet	55.14	52.17	97.78	45.61	8.47	20.96	17.82	101.80	65.42	61.86	73.48	41.77	642.28
1985	Dry	34.97	6.02	6.52	34.15	7.92	10.29	20.36	76.49	58.91	81.33	76.17	36.17	449.30
1986	Wet	20.81	7.05	7.26	7.28	4.76	6.22	64.47	100.21	73.40	69.61	52.76	48.99	462.82
1987	Dry	22.49	15.28	10.75	10.72	9.70	7.90	19.58	70.02	42.78	78.25	72.74	45.33	405.54
1988	Critical	20.73	7.47	6.67	7.13	6.87	10.47	29.85	62.57	35.25	55.82	34.89	23.97	301.69
1989	Dry	10.34	6.35	6.63	34.88	5.77	6.53	11.30	83.62	53.42	52.06	29.26	23.05	323.21
1990	Critical	9.98	6.24	6.48	6.45	6.01	7.35	16.93	53.61	17.61	29.61	32.28	21.96	214.51
1991	Critical	9.40	5.75	5.91	5.85	5.30	4.36	13.08	25.26	15.91	30.11	27.91	9.12	157.96
1992	Critical	4.90	3.77	5.19	5.18	3.68	4.37	9.28	54.03	17.76	33.66	59.27	24.60	225.69
1993	Above Normal	5.03	19.34	3.72	3.84	3.67	6.12	9.88	89.99	50.94	23.40	40.85	28.60	285.38
1994	Critical	14.60	5.75	10.85	7.90	7.22	8.29	20.96	46.99	46.10	52.98	54.31	24.40	300.35
1995	Wet	10.53	6.46	6.63	4.80	5.06	5.86	9.42	102.56	99.50	51.14	52.50	68.33	422.79
1996	Wet	48.95	6.58	42.27	31.77	92.69	43.50	22.31	102.13	60.56	62.19	45.38	42.76	601.09
1997	Wet	24.90	16.95	96.86	98.12	8.18	9.23	42.34	99.95	82.67	66.93	60.45	36.85	643.43
1998	Wet	25.89	15.15	7.35	5.39	5.27	70.66	32.69	103.04	100.36	103.17	60.22	70.29	599.48
1999	Wet	49.82	30.36	32.29	19.59	11.99	34.01	14.42	102.77	61.04	64.67	47.38	53.84	522.18
2000	Above Normal	48.83	18.37	15.93	48.01	63.27	45.50	61.48	102.65	61.57	64.10	46.93	72.19	648.83
2001	Dry	25.45	17.34	12.23	12.19	7.97	8.79	14.35	80.05	51.89	85.18	80.66	38.68	434.78
2002	Dry	46.86	14.87	10.64	5.76	7.59	8.65	17.50	97.51	63.37	57.73	52.28	38.75	421.51
2003	Above Normal	22.42	15.19	5.69	5.88	7.98	9.03	10.36	102.73	62.74	76.13	77.99	72.74	468.88
	Average	26.84	13.20	15.99	21.21	13.96	18.62	21.13	82.74	55.36	57.20	49.39	42.81	418.44
	Wet	32.16	18.10	30.71	33.63	21.85	32.22	25.97	102.23	78.30	69.34	50.84	58.75	554.10
	Above Normal	34.13	14.50	9.72	13.67	16.51	17.59	23.91	97.10	59.76	56.89	52.81	51.43	448.01
	Below Normal	22.85	8.88	8.83	12.34	11.27	15.65	18.10	82.00	47.75	47.91	48.27	35.50	359.35
	Dry	23.79	11.63	9.04	15.88	8.15	9.21	17.56	73.12	45.07	58.20	52.66	34.21	358.53
	Critical	17.26	8.65	9.17	20.15	6.17	7.73	16.72	41.45	25.57	40.51	39.27	21.09	253.75

Energy generated (GWh) at Trinity Dam: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	82.18	17.23	12.16	12.17	10.97	8.83	17.16	67.62	20.95	45.70	44.55	52.43	391.95
1923	Below Normal	24.16	16.45	11.60	8.43	7.67	10.44	16.61	70.65	43.27	52.53	55.43	37.01	354.25
1924	Critical	21.35	14.47	8.25	33.91	6.62	11.27	20.12	29.56	17.04	31.69	29.42	19.63	243.33
1925	Dry	5.00	3.91	4.27	37.35	3.75	5.17	9.63	88.61	61.38	53.02	25.68	19.89	317.66
1926	Dry	10.45	6.43	6.63	6.68	6.04	8.81	11.65	63.00	28.59	40.84	29.99	30.16	249.27
1927	Wet	10.04	6.21	6.91	7.47	5.09	8.30	9.65	99.35	57.66	60.20	43.96	51.79	366.63
1928	Above Normal	34.34	16.11	11.53	11.55	7.88	6.34	13.12	99.18	50.29	40.41	54.38	50.61	395.74
1929	Critical	23.26	15.79	11.15	70.75	6.83	10.51	19.31	34.27	33.85	55.67	34.63	23.73	339.75
1930	Dry	10.20	6.25	6.77	6.84	6.22	7.19	12.40	61.73	32.57	31.09	39.00	23.03	243.29
1931	Critical	9.89	6.05	6.22	6.18	5.61	7.72	15.92	26.32	15.93	29.84	34.95	15.28	179.91
1932	Dry	5.49	8.94	3.35	11.76	3.02	3.46	6.97	41.40	16.21	26.91	20.67	7.90	156.08
1933	Critical	7.91	4.81	3.53	3.30	2.86	5.74	6.59	40.22	14.17	28.33	9.68	9.07	136.21
1934	Critical	19.92	3.47	3.81	3.64	3.50	4.19	15.29	26.93	15.79	29.40	49.46	36.56	211.96
1935	Below Normal	3.71	2.37	2.76	2.95	2.88	3.52	6.86	43.65	15.14	28.67	9.74	9.12	131.37
1936	Below Normal	4.90	3.77	3.89	3.96	4.02	6.31	9.70	74.45	37.94	35.29	27.01	21.06	232.30
1937	Below Normal	8.97	4.11	4.21	4.18	3.76	4.21	8.08	53.03	18.35	40.85	25.91	20.04	195.70
1938	Wet	10.49	4.80	5.26	7.75	5.29	6.05	9.00	102.00	99.22	28.70	47.42	52.38	378.36
1939	Dry	53.58	12.12	18.42	9.04	8.18	6.69	27.51	63.54	68.95	81.47	76.19	56.27	481.96
1940	Above Normal	26.73	22.58	6.76	6.95	5.01	5.95	15.44	100.05	73.47	69.61	52.73	58.68	443.96
1941	Wet	22.25	15.11	5.72	5.90	5.57	73.49	63.80	103.18	100.40	103.17	58.78	72.95	630.32
1942	Wet	51.72	17.52	96.32	60.66	50.13	9.27	18.11	102.65	61.15	71.95	50.59	69.18	659.25
1943	Wet	49.49	17.52	28.95	26.06	14.68	34.46	17.82	102.05	55.20	61.51	44.81	52.82	505.37
1944	Dry	35.07	16.45	11.63	11.59	10.81	33.13	21.16	37.66	47.89	78.25	53.07	35.24	391.95
1945	Below Normal	11.28	6.93	7.24	10.28	5.02	8.01	14.69	88.72	57.89	52.41	42.30	34.60	339.37
1946	Below Normal	11.08	5.12	5.34	5.75	7.32	8.20	13.41	97.74	71.01	56.76	51.50	38.15	371.38
1947	Dry	22.05	14.97	10.62	8.47	6.97	7.85	17.75	66.15	30.38	44.25	51.71	26.94	308.11
1948	Below Normal	11.10	6.93	7.57	7.17	9.96	10.71	14.21	86.76	42.80	23.87	40.40	10.07	271.55
1949	Dry	7.51	5.82	8.10	8.52	7.24	5.90	12.30	96.35	63.44	57.96	52.57	39.00	364.71
1950	Below Normal	22.57	15.30	10.77	10.71	9.72	7.90	15.86	68.49	31.98	51.90	44.77	36.86	326.83
1951	Above Normal	21.53	5.57	5.84	6.43	5.83	11.75	40.02	101.71	60.05	61.15	55.73	52.03	427.64
1952	Wet	34.52	16.20	6.15	6.48	5.99	12.77	68.40	103.15	64.57	99.36	52.12	69.52	539.23
1953	Wet	49.44	6.57	20.08	98.12	15.18	17.55	31.74	102.17	60.09	55.24	53.96	73.08	583.22
1954	Above Normal	49.83	37.00	26.64	19.61	48.86	60.42	64.57	102.57	61.11	62.85	45.95	54.39	633.80
1955	Dry	36.25	17.03	12.14	37.55	7.92	10.76	14.93	71.60	33.42	54.40	52.39	38.84	387.23
1956	Wet	22.47	15.24	5.63	35.11	20.19	26.60	42.36	102.98	99.74	64.15	37.45	49.15	521.07
1957	Above Normal	51.70	8.59	12.45	12.43	11.09	28.91	13.96	102.04	51.21	62.92	45.92	54.28	455.50
1958	Wet	27.00	35.60	43.94	46.82	90.59	101.35	40.10	103.18	100.34	98.22	55.65	70.45	813.24
1959	Below Normal	50.19	6.58	12.45	49.95	7.61	19.38	44.42	101.29	82.75	70.79	67.27	59.23	571.91
1960	Dry	22.47	15.22	10.69	10.62	9.93	7.96	14.30	91.66	45.33	55.90	50.52	37.32	371.92
1961	Dry	21.53	14.59	5.59	7.67	5.12	6.13	13.00	94.02	48.37	58.36	52.96	49.22	376.56
1962	Below Normal	22.58	15.32	10.81	7.88	5.29	8.14	12.07	94.54	62.01	56.71	51.31	38.01	384.67
1963	Wet	7.28	5.86	6.04	8.62	5.58	6.90	17.54	102.79	61.52	63.56	46.42	75.08	407.19
1964	Dry	36.05	16.93	6.67	21.77	25.17	11.01	20.78	71.98	43.71	54.34	62.39	37.53	408.33
1965	Wet	21.71	14.77	5.31	39.20	8.18	10.07	10.30	102.08	62.54	61.72	45.07	42.58	423.53
1966	Below Normal	24.81	16.91	12.16	8.84	8.11	9.85	50.83	102.69	58.36	63.13	87.77	53.27	496.73
1967	Wet	35.44	16.66	7.75	28.25	18.28	27.38	10.52	102.32	61.05	75.14	53.54	71.39	507.72
1968	Below Normal	53.99	8.88	14.39	19.62	72.02	23.72	19.01	100.97	62.32	71.03	53.94	50.23	550.12
1969	Wet	23.10	15.71	11.14	6.06	5.68	6.45	9.13	102.88	100.01	64.55	47.33	48.12	440.16
1970	Wet	50.69	6.78	82.58	98.12	24.76	23.16	17.82	100.91	88.37	70.17	53.25	59.32	675.93
1971	Wet	27.91	15.26	5.96	6.08	7.92	6.82	23.61	102.33	60.41	27.24	47.75	66.63	397.92
1972	Below Normal	49.16	10.31	14.87	27.46	9.41	91.07	13.89	101.78	53.35	26.33	74.58	53.15	525.36
1973	Above Normal	24.54	6.24	6.43	27.59	23.60	14.57	20.26	102.63	60.86	63.59	75.67	53.99	479.97
1974	Wet	24.98	93.99	93.91	98.12	7.88	79.85	21.40	103.04	99.97	64.50	52.04	68.95	808.63
1975	Wet	48.90	6.58	12.42	9.03	8.12	43.89	16.35	102.45	61.23	88.02	51.62	69.63	518.24
1976	Critical	53.71	17.50	20.38	80.01	8.06	8.92	15.28	71.19	61.73	78.63	53.79	35.89	505.09
1977	Critical	11.51	12.72	21.78	11.42	11.24	9.18	18.07	26.45	16.14	30.11	51.19	8.17	227.98
1978	Above Normal	27.90	2.90	3.90	3.97	4.44	5.27	8.17	93.71	90.23	53.75	39.15	36.63	370.02
1979	Below Normal	21.24	5.41	7.43	7.39	6.72	5.60	13.78	66.29	31.24	40.33	43.83	36.01	285.27
1980	Above Normal	11.57	5.35	5.66	5.67	5.55	8.87	12.44	100.44	73.89	59.24	54.04	50.30	393.02
1981	Dry	23.11	15.68	11.02	11.12	7.42	8.56	15.96	68.71	33.25	55.78	72.39	37.28	360.28
1982	Wet	21.51	5.30	5.83	6.60	60.59	33.13	21.78	102.76	98.98	62.74	15.73	24.20	459.15
1983	Wet	61.27	19.85	57.87	66.10	67.49	100.25	22.01	103.18	100.40	103.17	72.22	77.36	851.17
1984	Wet	55.14	52.17	97.78	45.61	8.47	20.96	17.82	101.80	65.42	61.86	73.48	41.77	642.28
1985	Dry	34.97	6.02	6.52	34.15	7.92	10.29	20.36	76.50	58.93	81.33	76.17	36.17	449.33
1986	Wet	20.81	7.05	7.26	7.28	4.76	6.22	64.45	100.21	73.40	69.60	52.76	48.99	462.79
1987	Dry	22.49	15.28	10.75	10.72	9.70	7.90	19.58	70.02	42.78	78.25	72.74	45.90	406.11
1988	Critical	21.94	7.44	6.65	7.11	6.86	10.22	29.63	62.45	34.78	55.73	34.83	23.93	301.57
1989	Dry	10.32	6.34	6.62	35.32	5.75	6.51	11.28	83.46	53.31	51.93	29.18	22.98	323.00
1990	Critical	9.95	6.22	6.46	6.43	5.99	7.33	16.89	53.47	17.56	29.54	32.18	21.89	213.91
1991	Critical	9.37	5.73	5.89	5.83	5.28	4.34	13.04	25.18	15.86	30.01	27.80	9.08	157.41
1992	Critical	4.88	3.75	5.17	5.15	3.67	4.35	9.26	53.91	17.71	33.58	59.09	24.73	225.25
1993	Above Normal	5.00	22.41	3.64	3.76	3.61	4.40	9.82	89.63	50.70	23.30	40.67	28.46	285.40
1994	Critical	13.98	5.73	10.80	7.86	7.19	8.25	20.87	46.22	44.95	52.81	54.11	24.30	297.07
1995	Wet	10.49	6.43	6.59	4.78	5.05	5.85	9.41	102.49	99.43	47.48	52.50	68.33	418.83
1996	Wet	48.95	6.58	42.27	31.77	92.69	43.50	22.31	102.13	60.56	62.19	45.38	42.76	601.09
1997	Wet	24.90	16.95	96.86	98.12	8.18	9.23	42.35	99.95	82.67	66.93	60.45	36.85	643.44
1998	Wet	25.89	14.84	7.35	5.40	5.27	71.05	32.69	103.04	100.36	103.17	60.22	70.29	599.57
1999	Wet	49.82	30.36	32.29	19.59	11.99	34.01	14.42	102.77	61.04	64.67	47.38	53.84	522.18
2000	Above Normal	48.83	18.37	15.93	48.01	63.27	45.50	61.48	102.65	61.57	64.10	46.93	72.19	648.83
2001	Dry	25.45	17.34	12.23	12.19	7.97	8.79	14.35	80.11	51.89	85.18	80.66	38.68	434.84
2002	Dry	46.86	14.87	10.64	5.76	7.59	8.65	17.50	97.51	63.36	57.73	52.28	38.75	421.50
2003	Above Normal	22.42	15.19	5.69	5.88	7.98	9.03	10.36	102.73	62.74	76.08	77.99	72.74	468.83
	Average	26.82	13.29	16.01	21.22	13.92	18.32	20.69	82.85	55.49	57.13	49.43	43.10	418.29
	Wet	32.16	18.07	30.70	33.58	21.68	31.48	25.96	102.22	78.30	69.20	50.84	58.75	552.94
	Above Normal	33.88	14.80	9.72	13.67	16.51	17.49	23.90	97.08	59.76	56.89	52.81	53.06	449.56
	Below Normal	22.84	8.89	8.96	12.47	11.39	15.50	18.10	82.22	47.74	47.90	48.27	35.49	359.77
	Dry	23.83	11.90	9.04	15.95	8.15	9.15	15.63	73.56	45.76	58.17	52.81	34.51	358.45
	Critical	17.31	8.64	9.17	20.13	6.14	7.67	16.69	41.35	25.46	40.45	39.26	21.02	253.29

Difference in Energy generated (GWh) at Trinity Dam: Alternative4_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	(0.01)	0.00	0.00	0.00
1924	Critical	0.00	0.00	0.00	(0.06)	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1925	Dry	0.00	0.00	0.00	0.15	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.01
1926	Dry	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	(0.01)	0.00	0.00	(0.01)	(0.02)	0.00
1927	Wet	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00	(0.01)	0.00	0.00	0.00
1928	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.05)	(0.01)	(0.01)	(0.01)
1929	Critical	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00	(0.01)	0.00	0.00	(0.01)	0.00	0.00
1930	Dry	(0.01)	0.00	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)	0.62	(0.68)	(0.01)
1932	Dry	0.69	(0.04)	(0.01)	(0.50)	(0.01)	0.00	(0.01)	(0.03)	(0.25)	0.00	0.36	(0.02)	0.02
1933	Critical	0.03	0.01	(0.01)	(0.01)	(0.01)	(0.42)	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
1934	Critical	0.00	0.00	0.25	(0.01)	0.00	0.00	(0.01)	(0.02)	(0.01)	(0.02)	(0.06)	(0.07)	0.00
1935	Below Normal	(0.17)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(34.59)	8.09	12.91	0.87	0.96	4.58	(0.60)
1940	Above Normal	4.48	0.45	0.04	0.03	0.02	0.02	0.03	0.12	0.17	0.18	0.16	19.67	2.11
1941	Wet	(0.35)	(0.25)	(0.09)	(0.08)	(0.06)	(19.09)	0.00	0.00	0.00	0.00	0.00	0.00	(1.66)
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	(1.03)	0.02	0.03	0.01	0.07	0.06	0.04	(0.07)
1945	Below Normal	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.07	0.06	0.05	0.05	0.04	0.03
1946	Below Normal	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.04	0.05	0.05	0.04	0.04	0.02
1947	Dry	0.02	0.02	0.01	0.01	0.01	0.00	0.01	0.05	0.03	0.04	0.06	0.43	0.06
1948	Below Normal	0.01	0.01	0.00	0.01	0.00	0.01	0.00	0.04	0.02	0.01	0.01	0.01	0.01
1949	Dry	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.03	0.02	0.02	0.02	0.02	0.01
1950	Below Normal	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.02	0.01	0.02	0.02	0.01	0.01
1951	Above Normal	0.01	0.01	0.00	0.00	0.07	0.45	(0.11)	0.00	0.00	0.00	0.00	0.00	0.04
1952	Wet	0.00	0.00	0.00	0.00	0.01	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	0.00	0.00	0.05	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	1.20	(0.01)	0.00	(0.01)	(0.06)	(0.02)	(0.04)	(0.05)	(0.04)	0.08
1956	Wet	(0.02)	(0.02)	(0.01)	(1.20)	0.00	0.00	0.00	0.00	0.00	0.00	0.02	(0.02)	(0.10)
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	0.06	0.00	0.00	(0.01)	0.14	(0.01)	0.02
1960	Dry	0.00	(0.01)	(0.01)	0.00	0.00	(0.01)	0.00	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)
1961	Dry	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	0.00	0.00
1962	Below Normal	(0.01)	(0.01)	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	(0.01)	(0.01)
1963	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.21)	0.00	0.00	0.00	0.00	0.01	(0.02)
1964	Dry	0.00	0.00	0.00	(0.05)	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.00	0.00
1965	Wet	0.00	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.48	(0.01)	0.00	0.00	0.00	(0.58)	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.51	(0.20)	(0.02)	(0.01)	0.02
1977	Critical	(0.01)	0.00	(0.04)	(0.04)	(0.21)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)
1978	Above Normal	0.07	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1979	Below Normal	(0.01)	0.00	1.81	1.84	1.68	(2.00)	(0.05)	2.86	(0.18)	(0.25)	(0.30)	(0.27)	0.43
1980	Above Normal	(7.45)	0.01	0.01	0.00	0.01	0.01	0.01	0.03	0.05	0.05	0.05	0.05	(0.60)
1981	Dry	0.02	4.89	(0.04)	(0.03)	(0.02)	(0.02)	(0.05)	(0.18)	(0.09)	(1.46)	1.28	(0.15)	0.35
1982	Wet	(0.09)	(0.02)	(0.02)	(0.02)	(4.53)	0.00	0.00	0.00	0.00	0.00	0.13	(0.14)	(0.39)
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	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	0.57	0.05
1988	Critical	1.21	(0.03)	(0.02)	(0.02)	(0.01)	(0.25)	(0.22)	(0.12)	(0.47)	(0.09)	(0.06)	(0.04)	(0.01)
1989	Dry	(0.02)	(0.01)	(0.01)	0.44	(0.02)	(0.02)	(0.02)	(0.16)	(0.11)	(0.13)	(0.08)	(0.07)	(0.02)
1990	Critical	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.04)	(0.14)	(0.05)	(0.07)	(0.10)	(0.07)	(0.05)
1991	Critical	(0.03)	(0.02)	(0.02)	(0.02)	(0.02)	(0.02)	(0.04)	(0.08)	(0.05)	(0.10)	(0.11)	(0.04)	(0.05)
1992	Critical	(0.02)	(0.02)	(0.02)	(0.03)	(0.01)	(0.02)	(0.02)	(0.12)	(0.05)	(0.08)	(0.18)	0.13	(0.04)
1993	Above Normal	(0.03)	3.07	(0.08)	(0.08)	(0.06)	(1.72)	(0.06)	(0.36)	(0.24)	(0.10)	(0.18)	(0.14)	0.00
1994	Critical	(0.62)	(0.02)	(0.05)	(0.04)	(0.03)	(0.04)	(0.09)	(0.77)	(1.15)	(0.17)	(0.20)	(0.10)	(0.27)
1995	Wet	(0.04)	(0.03)	(0.04)	(0.02)	(0.01)	(0.01)	(0.01)	(0.07)	(0.07)	(3.66)	0.00	0.00	(0.33)
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	(0.31)	0.00	0.01	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.01
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	0.06	0.00	0.00	0.00	0.00	0.01
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	0.00	0.00	0.00
	Average	(0.02)	0.09	0.02	0.02	(0.04)	(0.30)	(0.43)	0.11	0.14	(0.06)	0.03	0.29	(0.01)
	Wet	(0.00)	(0.02)	(0.01)	(0.05)	(0.18)	(0.74)	(0.01)	(0.00)	(0.00)	(0.14)	0.01	(0.01)	(0.10)
	Above Normal	(0.24)	0.30	(0.00)	(0.00)	0.00	(0.10)	(0.01)	(0.02)	(0.00)	0.00	0.00	1.63	0.13
	Below Normal	(0.01)	0.00	0.13	0.13	0.12	(0.14)	0.00	0.22	(0.00)	(0.01)	(0.00)	(0.01)	0.04
	Dry	0.04	0.27	(0.01)	0.07	(0.00)	(0.06)	(1.93)	0.43	0.69	(0.04)	0.15	0.30	(0.01)
	Critical	0.04	(0.01)	0.01	(0.02)	(0.03)	(0.07)	(0.04)	(0.11)	(0.11)	(0.06)	(0.01)	(0.07)	(0.04)

Percent Difference in Energy generated (GWh) at Trinity Dam: Alternative4_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%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	-4%
1932	Dry	14%	0%	0%	-4%	0%	0%	0%	0%	-2%	0%	2%	0%
1933	Critical	0%	0%	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1935	Below Normal	-4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	-56%	15%	23%	1%	1%	9%
1940	Above Normal	20%	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%	50%
1941	Wet	-2%	-2%	-2%	-1%	-1%	-21%	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%	-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%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	1%	4%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	1%	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%	3%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	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%	-1%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	2%	0%	0%	0%	0%	-8%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	32%	33%	33%	-26%	0%	5%	-1%	-1%	-1%	-1%
1980	Above Normal	-39%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	45%	0%	0%	0%	0%	0%	0%	0%	-3%	2%	0%
1982	Wet	0%	0%	0%	0%	-7%	0%	0%	0%	0%	0%	1%	-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%	0%	0%	0%	1%
1988	Critical	6%	0%	0%	0%	0%	-2%	-1%	0%	-1%	0%	0%	0%
1989	Dry	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	-1%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	1%
1993	Above Normal	-1%	16%	-2%	-2%	-2%	-28%	-1%	0%	0%	0%	0%	0%
1994	Critical	-4%	0%	0%	-1%	0%	0%	0%	-2%	-2%	0%	0%	0%
1995	Wet	0%	0%	-1%	0%	0%	0%	0%	0%	0%	-7%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	-2%	0%	0%	0%	1%	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%	1%	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	1%
	Wet	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
	Above Normal	-2%	2%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	4%
	Below Normal	0%	0%	2%	2%	2%	-2%	0%	0%	0%	0%	0%	0%
	Dry	1%	2%	0%	0%	0%	0%	-3%	1%	1%	0%	0%	1%
	Critical	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	11.19	11.86	1.35	1.00	1.00	10.62	2.87	15.60	12.16	20.03	19.60	10.69	117.97
1923	Below Normal	12.99	12.43	2.61	1.25	4.87	4.41	4.44	12.43	10.64	24.78	17.81	13.60	122.26
1924	Critical	17.82	8.53	3.25	4.99	1.00	1.00	3.51	10.36	1.00	3.79	3.76	7.19	66.20
1925	Dry	9.49	2.18	6.04	7.16	6.80	5.98	5.87	15.89	9.71	23.79	28.24	7.41	128.56
1926	Dry	9.59	8.40	2.88	2.38	1.00	1.00	6.85	12.01	7.30	17.47	14.02	10.15	93.05
1927	Wet	10.00	9.70	5.55	4.07	12.27	8.78	2.43	11.55	5.57	22.49	21.05	11.73	125.19
1928	Above Normal	7.32	4.93	4.07	3.11	1.00	11.77	4.98	11.56	6.57	22.50	23.07	8.63	109.51
1929	Critical	6.29	5.66	4.11	3.34	5.47	6.33	3.71	10.73	2.50	13.11	33.14	7.52	101.91
1930	Dry	9.10	5.73	4.85	5.38	7.85	4.32	8.20	18.33	2.52	15.01	9.73	4.57	95.59
1931	Critical	9.80	6.61	4.10	6.11	9.12	1.00	2.38	10.28	1.00	2.51	3.61	7.03	63.55
1932	Dry	8.60	4.34	6.39	7.75	4.67	1.00	3.53	11.56	6.65	7.96	18.96	17.94	99.35
1933	Critical	12.10	7.09	4.89	1.00	1.00	1.98	3.17	10.63	1.00	4.89	37.89	15.28	100.92
1934	Critical	9.49	5.40	1.00	1.00	1.00	1.00	3.56	10.74	1.00	3.93	22.81	7.00	67.93
1935	Below Normal	2.75	6.11	6.60	5.75	1.00	2.58	6.85	13.69	11.21	18.09	9.56	13.54	97.73
1936	Below Normal	16.74	8.72	5.95	1.29	1.00	1.92	5.56	13.51	9.13	22.17	12.06	14.59	112.64
1937	Below Normal	16.13	7.72	5.48	3.51	1.00	1.00	9.82	17.78	1.00	17.53	11.13	18.10	110.20
1938	Wet	9.55	9.48	5.62	1.00	1.00	1.00	14.66	69.92	11.87	19.38	16.76	9.67	169.91
1939	Dry	11.33	1.45	1.86	1.00	1.26	1.28	2.32	11.88	1.00	26.33	16.73	10.58	87.02
1940	Above Normal	8.06	6.29	1.43	2.26	7.56	12.47	5.37	12.93	5.55	18.46	21.95	9.42	111.75
1941	Wet	7.66	5.57	4.02	5.41	10.98	11.01	7.09	18.95	8.43	19.24	18.74	10.48	127.58
1942	Wet	11.72	10.29	3.07	3.19	7.22	8.83	6.00	18.07	9.08	18.82	20.19	9.90	126.38
1943	Wet	11.17	11.82	2.02	2.37	5.76	12.66	5.28	11.80	6.66	20.73	19.98	10.72	120.97
1944	Dry	8.60	8.11	1.75	1.00	3.26	4.47	5.39	12.39	5.07	21.37	14.28	6.31	92.00
1945	Below Normal	8.72	8.79	5.19	6.33	13.07	12.16	3.95	13.37	2.04	23.26	21.29	12.10	130.27
1946	Below Normal	19.24	8.62	4.12	5.05	8.83	5.98	1.64	12.53	4.47	22.94	20.55	9.78	123.75
1947	Dry	18.34	8.64	3.96	4.10	5.07	1.00	2.89	11.63	2.69	25.56	17.75	10.02	111.65
1948	Below Normal	9.84	7.91	3.18	1.00	1.00	6.45	4.40	11.92	7.75	23.13	21.12	12.70	110.40
1949	Dry	16.16	9.28	5.61	4.86	7.74	2.04	1.63	11.87	1.00	23.97	30.36	11.56	126.08
1950	Below Normal	10.77	7.03	2.81	1.00	1.22	9.54	4.26	12.70	5.78	26.75	20.69	14.03	116.58
1951	Above Normal	17.76	9.68	6.31	5.89	1.00	1.00	2.01	12.84	3.60	13.58	20.55	11.64	105.86
1952	Wet	9.88	10.65	3.35	4.65	8.19	11.88	7.33	29.72	13.22	17.80	17.20	9.75	143.62
1953	Wet	7.66	9.38	1.45	1.00	1.41	8.74	4.29	10.93	2.15	23.54	22.22	11.90	104.67
1954	Above Normal	4.70	9.55	4.51	1.00	2.62	8.03	4.23	9.93	5.01	11.32	21.61	11.33	93.84
1955	Dry	8.12	8.95	4.47	4.71	7.69	3.56	3.17	11.60	1.00	27.18	17.73	9.26	107.44
1956	Wet	7.14	8.50	5.43	8.32	13.49	1.00	1.86	15.77	10.67	20.05	20.83	10.99	124.05
1957	Above Normal	12.43	11.46	2.59	1.00	1.00	6.07	4.72	11.36	3.46	21.83	23.63	10.39	109.94
1958	Wet	13.73	10.86	4.49	2.68	10.48	9.30	13.00	25.26	12.86	17.26	17.43	9.43	146.78
1959	Below Normal	7.11	9.81	1.00	1.00	1.00	8.48	4.95	12.71	2.24	25.36	22.84	8.27	104.77
1960	Dry	11.24	5.54	3.71	3.85	2.51	5.34	3.14	18.80	3.11	23.98	17.01	11.31	109.54
1961	Dry	9.06	7.43	4.68	4.65	1.89	8.11	2.75	11.53	1.00	29.17	20.75	13.11	114.13
1962	Below Normal	5.68	6.35	1.31	2.99	4.38	10.00	4.88	11.31	1.79	24.08	22.08	11.13	105.98
1963	Wet	13.82	9.49	3.95	1.51	4.52	8.30	4.33	12.58	8.14	22.57	20.59	12.41	122.21
1964	Dry	5.86	11.77	4.83	3.86	3.99	4.17	1.62	11.41	1.00	26.68	18.66	6.66	100.51
1965	Wet	5.98	4.97	4.11	7.01	11.70	11.82	6.53	13.95	3.79	21.94	23.77	10.93	126.50
1966	Below Normal	11.45	10.91	2.65	2.17	4.59	5.02	1.86	10.80	1.00	23.16	20.88	10.86	105.35
1967	Wet	14.24	7.12	4.02	4.91	7.53	6.85	11.13	26.80	13.68	21.63	17.66	9.17	144.74
1968	Below Normal	8.68	6.35	1.00	1.00	1.00	8.58	4.90	13.26	2.17	24.95	22.45	7.67	102.01
1969	Wet	13.39	8.11	4.82	7.75	14.11	1.00	17.12	63.98	12.43	20.99	16.71	5.40	185.81
1970	Wet	10.45	2.86	1.89	1.68	5.84	6.74	1.58	11.04	1.00	17.01	20.69	11.58	92.36
1971	Wet	8.49	3.88	3.35	2.01	3.93	10.85	3.41	11.04	6.97	24.93	23.41	12.67	114.94
1972	Below Normal	11.64	4.91	5.14	4.55	1.19	1.55	2.87	11.98	2.42	26.09	22.88	10.81	106.03
1973	Above Normal	12.40	9.06	4.46	3.25	11.01	11.03	2.52	11.85	4.78	22.11	20.10	5.84	118.41
1974	Wet	6.77	8.88	4.53	6.19	7.56	9.74	3.46	11.41	6.10	19.80	21.87	10.16	116.47
1975	Wet	11.09	13.12	2.22	1.00	1.00	10.84	3.87	10.78	9.65	21.82	23.09	11.26	119.74
1976	Critical	13.21	9.97	3.44	2.36	7.84	9.27	5.91	10.93	1.00	9.54	2.60	2.41	78.48
1977	Critical	5.10	7.01	3.53	4.45	10.74	1.00	2.80	11.01	1.00	3.08	28.37	1.68	79.77
1978	Above Normal	3.62	1.50	3.20	5.34	15.16	13.38	8.71	21.82	11.30	19.55	17.50	10.19	131.27
1979	Below Normal	11.11	6.78	1.72	1.00	4.08	14.83	4.10	17.28	6.49	24.63	22.05	7.61	121.68
1980	Above Normal	18.76	6.60	4.66	6.98	6.69	1.00	4.33	15.84	13.05	21.62	20.28	5.74	125.55
1981	Dry	5.60	9.64	1.72	1.00	1.62	3.40	5.81	14.10	1.00	23.83	22.80	7.50	98.02
1982	Wet	12.34	7.82	3.89	5.00	11.21	8.17	21.65	34.97	12.40	17.41	16.50	10.76	162.12
1983	Wet	15.68	8.94	2.65	2.28	1.00	1.00	17.56	62.78	24.64	37.84	17.32	16.26	207.95
1984	Wet	17.98	3.43	1.00	1.00	1.00	1.00	2.15	10.62	4.59	21.45	20.36	12.30	96.88
1985	Dry	9.65	8.68	4.07	2.59	4.98	4.79	4.05	11.82	1.00	22.69	28.09	11.09	113.50
1986	Wet	12.39	8.94	4.29	1.00	10.98	13.25	9.41	20.28	12.57	22.87	21.41	1.00	138.39
1987	Dry	3.18	2.01	2.76	1.46	3.45	6.32	2.94	11.23	3.73	26.19	6.29	6.23	75.79
1988	Critical	12.42	6.69	3.60	2.98	1.00	1.00	5.79	11.40	1.00	18.53	33.56	3.56	101.53
1989	Dry	5.28	7.16	4.34	7.69	2.47	1.67	5.45	13.88	7.19	27.10	12.91	8.03	103.17
1990	Critical	5.80	5.05	2.78	3.97	3.19	1.23	4.16	12.53	1.00	20.37	20.62	3.21	83.91
1991	Critical	8.14	5.58	3.32	2.35	3.78	1.03	4.79	11.55	2.50	18.95	10.65	3.95	76.59
1992	Critical	7.69	4.90	2.21	1.42	2.94	5.91	3.55	11.83	1.00	22.75	29.41	1.87	95.48
1993	Above Normal	5.03	6.12	3.61	5.30	11.71	10.06	1.77	12.24	10.30	22.32	23.95	11.37	123.78
1994	Critical	12.96	9.19	4.08	1.32	3.57	1.01	1.44	13.58	1.00	26.65	19.58	4.76	99.14
1995	Wet	4.12	14.51	14.30	9.67	12.04	18.75	1.00	6.07	1.00	1.00	1.00	10.29	93.75
1996	Wet	7.62	9.07	13.72	5.18	11.01	20.62	1.00	1.00	1.00	1.00	4.47	10.67	86.36
1997	Wet	13.97	23.42	20.92	18.95	16.20	12.22	1.00	1.00	1.00	1.00	1.00	10.40	121.08
1998	Wet	6.42	12.31	16.98	7.88	14.00	18.28	1.00	1.00	1.00	1.00	1.00	9.73	90.60
1999	Wet	14.27	19.48	18.30	13.90	14.21	19.71	1.00	1.00	1.00	1.00	1.07	9.95	114.89
2000	Above Normal	7.19	20.58	17.91	6.12	16.52	18.82	1.00	1.00	1.00	1.00	1.00	11.46	103.60
2001	Dry	10.88	22.74	19.38	13.92	7.82	9.82	1.00	1.00	1.00	6.92	1.00	6.57	102.05
2002	Dry	12.95	13.42	19.81	11.59	8.21	6.93	1.00	1.00	1.00	1.00	7.02	10.66	94.59
2003	Above Normal	12.82	17.59	17.16	8.65	11.32	10.75	1.00	1.00	1.00	1.00	1.91	8.38	92.58
	Average	10.31	8.63	5.16	4.17	5.93	6.91	4.75	14.43	5.11	18.31	17.77	9.56	111.04
	Wet	10.67	9.72	6.15	4.99	8.41	9.71	6.51	19.70	7.75	17.48	16.40	10.37	127.84
	Above Normal	10.11	9.60	5.94	4.16	7.22	9.58	3.63	11.50	6.48	16.28	17.93	9.59	112.01
	Below Normal	10.92	8.03	3.48	2.71	3.45	6.61	4.61	13.23	4.87	23.35	19.10	11.77	112.12
	Dry	9.61	8.08	5.73	4.94	4.57	4.18	3.76	11.77	3.17	20.90	16.80	9.39	102.89
	Critical	10.07	6.81	3.36	2.94	4.22	2.65	3.73	11.30	1.25	12.34	20.50	5.46	84.62

Energy Use (GWh) At Pumping Plant at Alt. Misc.: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	11.19	11.86	1.35	1.00	1.00	10.45	2.79	15.66	11.69	20.15	20.46	10.69	118.29
1923	Below Normal	12.98	12.43	2.51	1.05	4.47	4.29	4.37	12.49	10.52	24.93	17.83	13.61	121.48
1924	Critical	17.78	8.52	3.17	4.85	1.00	1.00	3.51	10.38	1.00	3.80	3.76	7.21	65.98
1925	Dry	9.51	2.17	6.04	7.16	6.80	5.93	5.85	15.91	9.63	23.79	28.27	7.41	128.47
1926	Dry	9.59	8.39	2.85	2.32	1.00	1.00	6.86	12.01	7.29	17.48	13.95	10.15	92.89
1927	Wet	10.00	9.70	5.56	4.08	12.28	8.60	2.33	11.61	5.24	22.55	21.08	11.72	124.75
1928	Above Normal	7.31	4.90	3.96	2.91	1.00	11.67	4.92	11.60	6.38	22.54	23.09	8.63	108.91
1929	Critical	6.29	5.64	4.04	3.22	5.36	6.33	3.71	10.73	2.50	13.11	33.14	7.53	101.60
1930	Dry	9.10	5.73	4.85	5.38	7.85	4.31	8.20	18.32	2.52	15.00	9.73	4.57	95.56
1931	Critical	9.80	6.61	4.10	6.12	9.12	1.00	2.38	10.28	1.00	2.51	3.61	7.04	63.57
1932	Dry	8.61	4.33	6.39	7.75	4.63	1.00	3.43	11.63	6.33	7.64	19.10	17.93	98.77
1933	Critical	12.08	7.06	4.94	1.00	1.00	1.98	3.17	10.63	1.00	4.89	37.90	15.31	100.96
1934	Critical	9.52	5.41	1.00	1.00	1.00	1.00	3.52	10.66	1.00	3.88	19.96	7.05	65.00
1935	Below Normal	2.70	6.07	6.58	6.35	1.00	2.41	6.76	13.77	10.91	18.00	9.37	13.53	97.45
1936	Below Normal	16.70	8.67	5.91	1.00	1.00	1.94	5.46	13.57	8.81	22.23	11.82	14.58	111.69
1937	Below Normal	16.12	7.70	5.37	3.49	1.00	2.47	9.81	16.30	1.00	17.40	10.95	18.05	109.66
1938	Wet	9.50	9.37	5.93	1.00	1.00	4.27	11.90	37.25	12.13	19.69	17.40	9.80	139.24
1939	Dry	11.56	1.56	1.43	1.00	1.06	1.52	2.32	12.16	1.00	27.59	14.01	10.22	85.43
1940	Above Normal	8.83	6.43	1.52	2.58	7.97	12.19	5.18	12.97	4.99	18.16	21.78	9.85	112.45
1941	Wet	7.60	6.07	3.84	5.26	10.73	10.11	7.01	19.03	8.49	19.44	19.95	10.45	127.98
1942	Wet	12.20	11.07	2.97	3.24	6.70	8.69	5.92	18.07	9.10	18.94	20.25	9.92	127.07
1943	Wet	11.17	11.73	1.94	2.41	4.88	12.03	5.29	11.92	9.43	20.92	20.11	10.77	122.60
1944	Dry	7.30	8.43	1.66	1.00	3.12	4.32	5.31	12.45	5.40	20.72	14.19	6.31	90.21
1945	Below Normal	8.69	8.74	5.08	6.15	10.19	13.57	3.89	13.41	1.83	23.46	21.41	12.16	128.58
1946	Below Normal	19.16	8.63	3.98	4.65	8.70	6.48	1.54	12.60	3.49	23.01	20.59	10.46	123.29
1947	Dry	18.29	8.59	3.83	3.89	4.85	1.00	2.84	11.64	2.55	25.53	18.17	9.97	111.15
1948	Below Normal	9.81	7.86	2.98	1.00	1.00	6.45	4.40	11.92	7.76	23.10	21.14	12.70	110.12
1949	Dry	16.15	9.28	5.62	4.86	7.74	2.04	1.64	11.87	1.00	23.97	30.34	11.57	126.08
1950	Below Normal	10.77	7.04	2.81	1.00	1.23	9.52	4.25	12.71	5.74	26.76	20.69	14.03	116.55
1951	Above Normal	17.76	9.68	6.29	5.84	1.00	1.00	1.91	12.90	3.26	13.25	20.58	11.64	105.11
1952	Wet	9.86	10.63	3.24	4.45	8.07	8.12	6.00	28.06	13.30	18.01	17.28	9.91	136.93
1953	Wet	7.65	14.78	1.64	1.00	1.51	9.16	4.20	10.72	2.01	23.78	22.36	12.13	110.94
1954	Above Normal	4.46	9.88	4.59	1.00	2.72	8.02	4.20	9.89	4.93	11.18	21.59	11.32	93.78
1955	Dry	8.10	8.95	4.46	4.68	7.75	3.58	3.18	11.59	1.00	27.20	17.50	9.25	107.24
1956	Wet	7.16	8.40	5.08	7.73	14.85	1.00	1.86	15.83	10.62	20.12	19.11	10.98	122.74
1957	Above Normal	12.40	11.40	2.47	1.00	1.00	5.90	4.62	11.42	3.16	21.89	23.66	10.39	109.31
1958	Wet	13.71	10.83	4.38	2.50	10.29	9.12	11.42	23.90	12.65	18.17	18.15	9.75	144.87
1959	Below Normal	7.39	12.75	1.06	1.00	1.00	8.39	4.87	12.73	2.01	25.23	22.58	8.54	107.55
1960	Dry	11.28	5.44	3.61	3.69	2.33	5.35	3.15	18.80	3.13	24.00	17.42	11.30	109.50
1961	Dry	9.01	7.43	4.68	4.65	1.90	8.12	2.75	11.53	1.00	29.30	20.61	13.10	114.08
1962	Below Normal	5.71	6.36	1.31	2.99	4.39	9.83	4.78	11.37	1.47	24.16	22.10	11.12	105.59
1963	Wet	13.80	9.46	3.84	1.32	4.10	8.16	4.24	12.63	8.07	22.67	20.65	12.42	121.36
1964	Dry	5.86	11.74	4.74	3.70	3.83	4.16	1.62	11.41	1.00	26.66	18.67	6.66	100.05
1965	Wet	5.98	4.97	4.10	6.74	10.39	11.73	6.50	14.09	3.69	22.26	24.71	11.03	126.19
1966	Below Normal	11.50	10.73	2.62	2.01	4.50	4.90	1.77	10.83	1.00	23.20	20.89	10.82	104.77
1967	Wet	14.22	7.10	3.94	4.76	7.01	6.73	9.78	25.62	13.74	19.94	18.04	9.41	140.29
1968	Below Normal	9.31	10.99	1.00	1.00	1.00	8.58	4.81	13.31	1.88	25.01	22.48	7.67	107.04
1969	Wet	13.36	8.06	4.71	6.50	16.09	4.16	14.92	68.25	12.48	21.22	16.91	6.70	193.36
1970	Wet	10.61	2.70	1.89	1.64	5.78	5.73	1.47	11.12	1.00	17.10	20.72	11.57	91.33
1971	Wet	8.56	3.76	3.24	1.81	3.73	10.76	3.35	11.07	6.78	24.94	23.46	12.69	114.15
1972	Below Normal	11.60	4.92	5.08	4.44	1.08	1.55	2.87	11.98	2.42	26.08	22.88	10.82	105.72
1973	Above Normal	12.40	9.06	4.46	3.24	11.01	10.86	2.42	11.91	4.45	22.20	20.15	7.97	120.13
1974	Wet	6.74	8.85	4.41	5.47	7.15	9.53	3.44	11.46	6.06	20.13	22.51	10.27	116.02
1975	Wet	11.17	12.85	2.23	1.00	1.00	10.64	3.75	10.85	9.55	21.84	23.09	11.24	119.21
1976	Critical	13.18	10.00	3.30	2.12	7.58	9.28	5.92	10.93	1.00	9.33	2.72	2.41	77.77
1977	Critical	5.18	7.00	3.53	4.46	10.74	1.00	2.80	11.01	1.00	3.08	27.41	1.68	78.89
1978	Above Normal	3.77	1.51	3.18	5.34	14.06	13.16	7.68	18.31	8.83	18.88	18.94	10.17	123.83
1979	Below Normal	11.13	13.33	1.73	1.00	3.97	14.22	4.42	17.44	7.28	24.83	22.87	8.10	130.32
1980	Above Normal	18.43	8.62	5.21	7.19	1.00	1.00	4.31	15.78	12.29	21.35	19.96	9.48	124.62
1981	Dry	5.88	10.32	2.30	1.00	1.53	3.34	5.59	13.94	1.00	23.96	22.67	7.47	99.00
1982	Wet	12.34	7.83	3.79	4.83	10.28	7.87	26.84	30.58	11.23	17.71	16.79	10.85	160.94
1983	Wet	12.70	8.73	2.48	8.86	4.39	7.59	33.49	71.71	24.87	38.07	17.46	16.37	246.72
1984	Wet	17.98	4.13	1.00	1.00	1.00	1.00	2.04	10.68	4.26	21.52	20.39	12.29	97.29
1985	Dry	9.63	8.66	3.96	2.39	4.78	4.69	3.99	11.86	1.00	22.73	28.11	11.09	112.89
1986	Wet	12.38	8.92	4.22	1.00	9.80	14.87	9.42	20.30	12.01	22.98	21.48	1.00	138.38
1987	Dry	3.18	2.11	2.61	1.25	3.24	6.31	2.97	11.24	3.53	26.70	7.34	6.23	76.71
1988	Critical	12.44	6.70	3.63	3.01	1.00	1.00	5.79	11.39	1.00	18.49	33.53	3.56	101.54
1989	Dry	5.30	7.13	4.34	7.69	2.46	1.68	5.47	13.88	7.22	27.11	12.97	7.66	102.91
1990	Critical	5.80	5.05	2.78	3.98	3.21	1.23	4.16	12.53	1.00	20.36	12.77	6.25	79.12
1991	Critical	7.91	5.56	3.33	2.33	3.74	1.03	4.79	11.55	2.50	18.95	10.86	3.95	76.50
1992	Critical	7.66	4.97	2.20	1.35	2.94	5.91	3.55	11.82	3.11	18.46	28.97	1.85	92.79
1993	Above Normal	5.02	6.14	3.62	5.33	11.73	9.58	1.71	12.31	10.36	22.51	23.92	11.42	123.65
1994	Critical	12.97	9.16	4.04	1.17	3.42	1.00	1.44	13.59	1.00	26.78	19.47	4.77	98.81
1995	Wet	4.12	14.50	14.30	9.61	10.82	16.54	1.00	1.00	1.00	1.00	1.00	10.31	85.20
1996	Wet	7.89	20.65	13.97	5.62	11.51	16.50	1.00	1.00	1.00	1.00	4.53	10.83	95.50
1997	Wet	13.15	23.43	20.48	19.31	16.66	12.22	1.00	1.00	1.00	1.00	1.08	10.39	120.72
1998	Wet	6.48	12.27	16.95	7.77	12.35	18.02	1.00	1.00	1.00	1.00	1.00	9.96	88.80
1999	Wet	14.44	19.64	18.53	14.28	14.57	19.69	1.00	1.00	1.00	1.00	1.00	9.91	116.06
2000	Above Normal	7.24	20.64	17.89	5.98	16.30	18.67	1.00	1.00	1.00	1.00	1.00	11.45	103.17
2001	Dry	10.85	22.69	19.62	13.82	7.66	9.82	1.00	1.00	1.00	6.90	1.00	6.58	101.94
2002	Dry	12.95	13.42	19.81	11.58	8.20	6.93	1.00	1.00	1.00	1.00	7.02	10.59	94.50
2003	Above Normal	12.82	17.58	17.15	8.65	11.32	10.71	1.00	1.00	1.00	1.00	1.83	8.36	92.42
	Average	10.28	9.05	5.14	4.18	5.76	6.92	4.85	13.98	5.05	18.29	17.69	9.72	110.90
	Wet	10.57	10.40	6.10	5.12	8.34	9.72	6.93	18.45	7.76	17.58	16.56	10.49	128.02
	Above Normal	10.14	9.81	5.97	4.17	6.68	9.43	3.48	11.23	6.03	16.18	18.08	10.11	111.31
	Below Normal	10.97	9.02	3.43	2.65	3.18	6.76	4.57	13.17	4.72	23.39	19.11	11.87	112.84
	Dry	9.56	8.13	5.71	4.88	4.49	4.17	3.73	11.79	3.14	20.96	16.73	9.34	102.63
	Critical	10.05	6.81	3.34	2.88	4.18	2.65	3.73	11.29	1.43	11.97	19.51	5.72	83.54

Difference in Energy Use (GWh) At Pumping Plant at Alt. Misc.: Alternative4_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	(0.17)	(0.08)	0.06	(0.47)	0.12	0.86	0.00	0.03
1923	Below Normal	(0.01)	0.00	(0.10)	(0.20)	(0.40)	(0.12)	(0.07)	0.06	(0.12)	0.15	0.02	0.01	(0.07)
1924	Critical	(0.04)	(0.01)	(0.08)	(0.14)	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.02	(0.02)
1925	Dry	0.02	(0.01)	0.00	0.00	0.00	(0.05)	(0.02)	0.02	(0.08)	0.00	0.03	0.00	(0.01)
1926	Dry	0.00	(0.01)	(0.03)	(0.06)	0.00	0.00	0.01	0.00	(0.01)	0.01	(0.07)	0.00	(0.01)
1927	Wet	0.00	0.00	0.01	0.01	0.01	(0.18)	(0.10)	0.06	(0.33)	0.06	0.03	(0.01)	(0.04)
1928	Above Normal	(0.01)	(0.03)	(0.11)	(0.20)	0.00	(0.10)	(0.06)	0.04	(0.19)	0.04	0.02	0.00	(0.05)
1929	Critical	0.00	(0.02)	(0.07)	(0.12)	(0.11)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	(0.03)
1930	Dry	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00	(0.01)	0.00	0.00	0.00
1931	Critical	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
1932	Dry	0.01	(0.01)	0.00	0.00	(0.04)	0.00	(0.10)	0.07	(0.32)	(0.32)	0.14	(0.01)	(0.05)
1933	Critical	(0.02)	(0.03)	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.00
1934	Critical	0.03	0.01	0.00	0.00	0.00	0.00	(0.04)	(0.08)	0.00	(0.05)	(2.85)	0.05	(0.24)
1935	Below Normal	(0.05)	(0.04)	(0.02)	0.60	0.00	(0.17)	(0.09)	0.08	(0.30)	(0.09)	(0.19)	(0.01)	(0.02)
1936	Below Normal	(0.04)	(0.05)	(0.04)	(0.29)	0.00	0.02	(0.10)	0.06	(0.32)	0.06	(0.24)	(0.01)	(0.08)
1937	Below Normal	(0.01)	(0.02)	(0.11)	(0.02)	0.00	1.47	(0.01)	(1.48)	0.00	(0.13)	(0.18)	(0.05)	(0.05)
1938	Wet	(0.05)	(0.11)	0.31	0.00	0.00	3.27	(2.76)	(32.67)	0.26	0.31	0.64	0.13	(2.56)
1939	Dry	0.23	0.11	(0.43)	0.00	(0.20)	0.24	0.00	0.28	0.00	1.26	(2.72)	(0.36)	(0.13)
1940	Above Normal	0.77	0.14	0.09	0.32	0.41	(0.28)	(0.19)	0.04	(0.56)	(0.30)	(0.17)	0.43	0.06
1941	Wet	(0.06)	0.50	(0.18)	(0.15)	(0.25)	(0.90)	(0.08)	0.08	0.06	0.20	1.21	(0.03)	0.03
1942	Wet	0.48	0.78	(0.10)	0.05	(0.52)	(0.14)	(0.08)	0.00	0.02	0.12	0.06	0.02	0.06
1943	Wet	0.00	(0.09)	(0.08)	0.04	(0.88)	(0.63)	0.01	0.12	2.77	0.19	0.13	0.05	0.14
1944	Dry	(1.30)	0.32	(0.09)	0.00	(0.14)	(0.15)	(0.08)	0.06	0.33	(0.65)	(0.09)	0.00	(0.15)
1945	Below Normal	(0.03)	(0.05)	(0.11)	(0.18)	(2.88)	1.41	(0.06)	0.04	(0.21)	0.20	0.12	0.06	(0.14)
1946	Below Normal	(0.08)	0.01	(0.14)	(0.40)	(0.13)	0.50	(0.10)	0.07	(0.98)	0.07	0.04	0.68	(0.04)
1947	Dry	(0.05)	(0.05)	(0.13)	(0.21)	(0.22)	0.00	(0.05)	0.01	(0.14)	(0.03)	0.42	(0.05)	(0.04)
1948	Below Normal	(0.03)	(0.05)	(0.20)	0.00	0.00	0.00	0.00	0.00	0.01	(0.03)	0.02	0.00	(0.02)
1949	Dry	(0.01)	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	(0.02)	0.01	0.00
1950	Below Normal	0.00	0.01	0.00	0.00	0.01	(0.02)	(0.01)	0.01	(0.04)	0.01	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	(0.02)	(0.05)	0.00	0.00	(0.10)	0.06	(0.34)	(0.33)	0.03	0.00	(0.06)
1952	Wet	(0.02)	(0.02)	(0.11)	(0.20)	(0.12)	(3.76)	(1.33)	(1.66)	0.08	0.21	0.08	0.16	(0.56)
1953	Wet	(0.01)	5.40	0.19	0.00	0.10	0.42	(0.09)	(0.21)	(0.14)	0.24	0.14	0.23	0.52
1954	Above Normal	(0.24)	0.33	0.08	0.00	0.10	(0.01)	(0.03)	(0.04)	(0.08)	(0.14)	(0.02)	(0.01)	0.00
1955	Dry	(0.02)	0.00	(0.01)	(0.03)	0.06	0.02	0.01	(0.01)	0.00	0.02	(0.23)	(0.01)	(0.02)
1956	Wet	0.02	(0.10)	(0.35)	(0.59)	1.36	0.00	0.00	0.06	(0.05)	0.07	(1.72)	(0.01)	(0.11)
1957	Above Normal	(0.03)	(0.06)	(0.12)	0.00	0.00	(0.17)	(0.10)	0.06	(0.30)	0.06	0.03	0.00	(0.05)
1958	Wet	(0.02)	(0.03)	(0.11)	(0.18)	(0.19)	(0.18)	(1.58)	(1.36)	(0.21)	0.91	0.72	0.32	(0.16)
1959	Below Normal	0.28	2.94	0.06	0.00	0.00	(0.09)	(0.08)	0.02	(0.23)	(0.13)	(0.26)	0.27	0.23
1960	Dry	0.04	(0.10)	(0.10)	(0.16)	(0.18)	0.01	0.01	0.00	0.02	0.02	0.41	(0.01)	0.00
1961	Dry	(0.05)	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.13	(0.14)	(0.01)	0.00
1962	Below Normal	0.03	0.01	0.00	0.00	0.01	(0.17)	(0.10)	0.06	(0.32)	0.08	0.02	(0.01)	(0.03)
1963	Wet	(0.02)	(0.03)	(0.11)	(0.19)	(0.42)	(0.14)	(0.09)	0.05	(0.07)	0.10	0.06	0.01	(0.07)
1964	Dry	0.00	(0.03)	(0.09)	(0.16)	(0.16)	(0.01)	0.00	0.00	0.00	(0.02)	0.01	0.00	(0.04)
1965	Wet	0.00	0.00	(0.01)	(0.27)	(1.31)	(0.09)	(0.03)	0.14	(0.10)	0.32	0.94	0.10	(0.03)
1966	Below Normal	0.05	(0.18)	(0.03)	(0.16)	(0.09)	(0.12)	(0.09)	0.03	0.00	0.04	0.01	(0.04)	(0.05)
1967	Wet	(0.02)	(0.02)	(0.08)	(0.15)	(0.52)	(0.12)	(1.35)	(1.18)	0.06	(1.69)	0.38	0.24	(0.37)
1968	Below Normal	0.63	4.64	0.00	0.00	0.00	0.00	(0.09)	0.05	(0.29)	0.06	0.03	0.00	0.42
1969	Wet	(0.03)	(0.05)	(0.11)	(1.25)	1.98	3.16	(2.20)	4.27	0.05	0.23	0.20	1.30	0.63
1970	Wet	0.16	(0.16)	0.00	(0.04)	(0.06)	(1.01)	(0.11)	0.08	0.00	0.09	0.03	(0.01)	(0.09)
1971	Wet	0.07	(0.12)	(0.11)	(0.20)	(0.20)	(0.09)	(0.06)	0.03	(0.19)	0.01	0.05	0.02	(0.07)
1972	Below Normal	(0.04)	0.01	(0.06)	(0.11)	(0.11)	0.00	0.00	0.00	0.00	(0.01)	0.00	0.01	(0.03)
1973	Above Normal	0.00	0.00	0.00	(0.01)	0.00	(0.17)	(0.10)	0.06	(0.33)	0.09	0.05	2.13	0.14
1974	Wet	(0.03)	(0.03)	(0.12)	(0.72)	(0.41)	(0.21)	(0.02)	0.05	(0.04)	0.33	0.64	0.11	(0.04)
1975	Wet	0.08	(0.27)	0.01	0.00	0.00	(0.20)	(0.12)	0.07	(0.10)	0.02	0.00	(0.02)	(0.04)
1976	Critical	(0.03)	0.03	(0.14)	(0.24)	(0.26)	0.01	0.01	0.00	0.00	(0.21)	0.12	0.00	(0.06)
1977	Critical	0.08	(0.01)	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.96)	0.00	(0.07)
1978	Above Normal	0.15	0.01	(0.02)	0.00	(1.10)	(0.22)	(1.03)	(3.51)	(2.47)	(0.67)	1.44	(0.02)	(0.62)
1979	Below Normal	0.02	6.55	0.01	0.00	(0.11)	(0.61)	0.32	0.16	0.79	0.20	0.82	0.49	0.72
1980	Above Normal	(0.33)	2.02	0.55	0.21	(5.69)	0.00	(0.02)	(0.06)	(0.76)	(0.27)	(0.32)	3.74	(0.08)
1981	Dry	0.28	0.68	0.58	0.00	(0.09)	(0.06)	(0.22)	(0.16)	0.00	0.13	(0.13)	(0.03)	0.08
1982	Wet	0.00	0.01	(0.10)	(0.17)	(0.93)	(0.30)	5.19	(4.39)	(1.17)	0.30	0.29	0.09	(0.10)
1983	Wet	(2.98)	(0.21)	(0.17)	6.58	3.39	6.59	15.93	8.93	0.23	0.23	0.14	0.11	3.23
1984	Wet	0.00	0.70	0.00	0.00	0.00	0.00	(0.11)	0.06	(0.33)	0.07	0.03	(0.01)	0.03
1985	Dry	(0.02)	(0.02)	(0.11)	(0.20)	(0.20)	(0.10)	(0.06)	0.04	0.00	0.04	0.02	0.00	(0.05)
1986	Wet	(0.01)	(0.02)	(0.07)	0.00	(1.18)	1.62	0.01	0.02	(0.56)	0.11	0.07	0.00	0.00
1987	Dry	0.00	0.10	(0.15)	(0.21)	(0.21)	(0.01)	0.03	0.01	(0.20)	0.51	1.05	0.00	0.08
1988	Critical	0.02	0.01	0.03	0.03	0.00	0.00	0.00	(0.01)	0.00	(0.04)	(0.03)	0.00	0.00
1989	Dry	0.02	(0.03)	0.00	0.00	(0.01)	0.01	0.02	0.00	0.03	0.01	0.06	(0.37)	(0.02)
1990	Critical	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.00	(0.01)	(7.85)	3.04	(0.40)
1991	Critical	(0.23)	(0.02)	0.01	(0.02)	(0.04)	0.00	0.00	0.00	0.00	0.00	0.21	0.00	(0.01)
1992	Critical	(0.03)	0.07	(0.01)	(0.07)	0.00	0.00	0.00	(0.01)	2.11	(4.29)	(0.44)	(0.02)	(0.22)
1993	Above Normal	(0.01)	0.02	0.01	0.03	0.02	(0.48)	(0.06)	0.07	0.06	0.19	(0.03)	0.05	(0.01)
1994	Critical	0.01	(0.03)	(0.04)	(0.15)	(0.15)	(0.01)	0.00	0.01	0.00	0.13	(0.11)	0.01	(0.03)
1995	Wet	0.00	(0.01)	0.00	(0.06)	(1.22)	(2.21)	0.00	(5.07)	0.00	0.00	0.00	0.02	(0.71)
1996	Wet	0.27	11.58	0.25	0.44	0.50	(4.12)	0.00	0.00	0.00	0.00	0.06	0.16	0.76
1997	Wet	(0.82)	0.01	(0.44)	0.36	0.46	0.00	0.00	0.00	0.00	0.00	0.08	(0.01)	(0.03)
1998	Wet	0.06	(0.04)	(0.03)	(0.11)	(1.65)	(0.26)	0.00	0.00	0.00	0.00	0.00	0.23	(0.15)
1999	Wet	0.17	0.16	0.23	0.38	0.36	(0.02)	0.00	0.00	0.00	0.00	(0.07)	(0.04)	0.10
2000	Above Normal	0.05	0.06	(0.02)	(0.14)	(0.22)	(0.15)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.04)
2001	Dry	(0.03)	(0.05)	0.24	(0.10)	(0.16)	0.00	0.00	0.00	0.00	(0.02)	0.00	0.01	(0.01)
2002	Dry	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	(0.01)
2003	Above Normal	0.00	(0.01)	(0.01)	0.00	0.00	(0.04)	0.00	0.00	0.00	0.00	(0.08)	(0.02)	(0.01)
	Average	(0.03)	0.43	(0.03)	0.01	(0.17)	0.01	0.10	(0.44)	(0.07)	(0.02)	(0.08)	0.16	(0.01)
	Wet	(0.11)	0.69	(0.05)	0.14	(0.07)	0.02	0.42	(1.25)	0.01	0.09	0.16	0.12	0.01
	Above Normal	0.03	0.21	0.04	0.01	(0.54)	(0.15)	(0.15)	(0.27)	(0.45)	(0.10)	0.15	0.52	(0.06)
	Below Normal	0.05	0.98	(0.05)	(0.05)	(0.26)	0.15	(0.03)	(0.06)	(0.14)	0.03	0.02	0.10	0.06
	Dry	(0.05)	0.05	(0.02)	(0.06)	(0.09)	(0.01)	(0.02)	0.02	(0.02)	0.06	(0.07)	(0.05)	(0.02)
	Critical	(0.02)	(0.00)	(0.02)	(0.06)	(0.04)	(0.00)	(0.00)	(0.01)	0.18	(0.37)	(0.99)	0.26	(0.09)

Percent Difference in Energy Use (GWh) At Pumping Plant at Alt. Misc.: Alternative4_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%	-2%	-3%	0%	-4%	1%	4%	0%
1923	Below Normal	0%	0%	-4%	-16%	-8%	-3%	-2%	0%	-1%	1%	0%	0%
1924	Critical	0%	0%	-2%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	-1%	0%	0%	0%
1926	Dry	0%	0%	-1%	-3%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	-2%	-4%	1%	-6%	0%	0%	0%
1928	Above Normal	0%	-1%	-3%	-6%	0%	-1%	-1%	0%	-3%	0%	0%	0%
1929	Critical	0%	0%	-2%	-4%	-2%	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%	-1%	0%	-3%	1%	-5%	-4%	1%	0%
1933	Critical	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	-1%	-12%	1%
1935	Below Normal	-2%	-1%	0%	10%	0%	-7%	-1%	1%	-3%	0%	-2%	0%
1936	Below Normal	0%	-1%	-1%	-22%	0%	1%	-2%	0%	-4%	0%	-2%	0%
1937	Below Normal	0%	0%	-2%	-1%	0%	147%	0%	-8%	0%	-1%	-2%	0%
1938	Wet	-1%	-1%	6%	0%	0%	327%	-19%	-47%	2%	2%	4%	1%
1939	Dry	2%	8%	-23%	0%	-16%	19%	0%	2%	0%	5%	-16%	-3%
1940	Above Normal	10%	2%	6%	14%	5%	-2%	-4%	0%	-10%	-2%	-1%	5%
1941	Wet	-1%	9%	-4%	-3%	-2%	-8%	-1%	0%	1%	1%	6%	0%
1942	Wet	4%	8%	-3%	2%	-7%	-2%	-1%	0%	0%	1%	0%	0%
1943	Wet	0%	-1%	-4%	2%	-15%	-5%	0%	1%	42%	1%	1%	0%
1944	Dry	-15%	4%	-5%	0%	-4%	-3%	-1%	0%	7%	-3%	-1%	0%
1945	Below Normal	0%	-1%	-2%	-3%	-22%	12%	-2%	0%	-10%	1%	1%	0%
1946	Below Normal	0%	0%	-3%	-8%	-1%	8%	-6%	1%	-22%	0%	0%	7%
1947	Dry	0%	-1%	-3%	-5%	-4%	0%	-2%	0%	-5%	0%	2%	0%
1948	Below Normal	0%	-1%	-6%	0%	0%	0%	0%	0%	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%	1%	0%	0%	0%	-1%	0%	0%	0%
1951	Above Normal	0%	0%	0%	-1%	0%	0%	-5%	0%	-9%	-2%	0%	0%
1952	Wet	0%	0%	-3%	-4%	-1%	-32%	-18%	-6%	1%	1%	0%	2%
1953	Wet	0%	58%	13%	0%	7%	5%	-2%	-2%	-7%	1%	1%	2%
1954	Above Normal	-5%	3%	2%	0%	4%	0%	-1%	0%	-2%	-1%	0%	0%
1955	Dry	0%	0%	0%	-1%	1%	1%	0%	0%	0%	0%	-1%	0%
1956	Wet	0%	-1%	-6%	-7%	10%	0%	0%	0%	0%	0%	-8%	0%
1957	Above Normal	0%	-1%	-5%	0%	0%	-3%	-2%	1%	-9%	0%	0%	0%
1958	Wet	0%	0%	-2%	-7%	-2%	-2%	-12%	-5%	-2%	5%	4%	3%
1959	Below Normal	4%	30%	6%	0%	0%	-1%	-2%	0%	-10%	-1%	-1%	3%
1960	Dry	0%	-2%	-3%	-4%	-7%	0%	0%	0%	1%	0%	2%	0%
1961	Dry	-1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	-1%	0%
1962	Below Normal	1%	0%	0%	0%	0%	-2%	-2%	1%	-18%	0%	0%	0%
1963	Wet	0%	0%	-3%	-13%	-9%	-2%	-2%	0%	-1%	0%	0%	0%
1964	Dry	0%	0%	-2%	-4%	-4%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	-4%	-11%	-1%	0%	1%	-3%	1%	4%	1%
1966	Below Normal	0%	-2%	-1%	-7%	-2%	-2%	-5%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	-2%	-3%	-7%	-2%	-12%	-4%	0%	-8%	2%	3%
1968	Below Normal	7%	73%	0%	0%	0%	0%	-2%	0%	-13%	0%	0%	0%
1969	Wet	0%	-1%	-2%	-16%	14%	316%	-13%	7%	0%	1%	1%	24%
1970	Wet	2%	-6%	0%	-2%	-1%	-15%	-7%	1%	0%	1%	0%	0%
1971	Wet	1%	-3%	-3%	-10%	-5%	-1%	-2%	0%	-3%	0%	0%	0%
1972	Below Normal	0%	0%	-1%	-2%	-9%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	-2%	-4%	1%	-7%	0%	0%	36%
1974	Wet	0%	0%	-3%	-12%	-5%	-2%	-1%	0%	-1%	2%	3%	1%
1975	Wet	1%	-2%	0%	0%	0%	-2%	-3%	1%	-1%	0%	0%	0%
1976	Critical	0%	0%	-4%	-10%	-3%	0%	0%	0%	0%	-2%	5%	0%
1977	Critical	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%
1978	Above Normal	4%	1%	-1%	0%	-7%	-2%	-12%	-16%	-22%	-3%	8%	0%
1979	Below Normal	0%	97%	1%	0%	-3%	-4%	8%	1%	12%	1%	4%	6%
1980	Above Normal	-2%	31%	12%	3%	-85%	0%	0%	0%	-6%	-1%	-2%	65%
1981	Dry	5%	7%	34%	0%	-6%	-2%	-4%	-1%	0%	1%	-1%	0%
1982	Wet	0%	0%	-3%	-3%	-8%	-4%	24%	-13%	-9%	2%	2%	1%
1983	Wet	-19%	-2%	-6%	289%	339%	659%	91%	14%	1%	1%	1%	1%
1984	Wet	0%	20%	0%	0%	0%	0%	-5%	1%	-7%	0%	0%	0%
1985	Dry	0%	0%	-3%	-8%	-4%	-2%	-1%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	-2%	0%	-11%	12%	0%	0%	-4%	0%	0%	0%
1987	Dry	0%	5%	-5%	-14%	-6%	0%	1%	0%	-5%	2%	17%	0%
1988	Critical	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	-5%
1990	Critical	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	-38%	95%
1991	Critical	-3%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	2%	0%
1992	Critical	0%	1%	0%	-5%	0%	0%	0%	0%	211%	-19%	-1%	-1%
1993	Above Normal	0%	0%	0%	1%	0%	-5%	-3%	1%	1%	1%	0%	0%
1994	Critical	0%	0%	-1%	-11%	-4%	-1%	0%	0%	0%	0%	-1%	0%
1995	Wet	0%	0%	0%	-1%	-10%	-12%	0%	-84%	0%	0%	0%	0%
1996	Wet	4%	128%	2%	8%	5%	-20%	0%	0%	0%	0%	1%	1%
1997	Wet	-6%	0%	-2%	2%	3%	0%	0%	0%	0%	0%	8%	0%
1998	Wet	1%	0%	0%	-1%	-12%	-1%	0%	0%	0%	0%	0%	2%
1999	Wet	1%	1%	1%	3%	3%	0%	0%	0%	0%	0%	-7%	0%
2000	Above Normal	1%	0%	0%	-2%	-1%	-1%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	1%	-1%	-2%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-4%	0%
	Average	0%	6%	-1%	1%	1%	16%	-1%	-2%	1%	0%	0%	3%
	Wet	-1%	8%	-1%	8%	10%	46%	0%	-5%	0%	0%	1%	2%
	Above Normal	1%	3%	1%	1%	-7%	-1%	-3%	-1%	-6%	-1%	1%	9%
	Below Normal	1%	14%	-1%	-4%	-3%	11%	-1%	0%	-5%	0%	0%	1%
	Dry	0%	1%	-1%	-2%	-3%	1%	0%	0%	0%	0%	0%	-1%
	Critical	0%	0%	-1%	-3%	-1%	0%	0%	0%	18%	-2%	-4%	8%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	4.61	3.55	0.37	0.26	0.72	0.00	3.60	4.10	2.90	5.33	5.44	4.88	35.76
1923	Below Normal	3.43	1.74	1.50	1.30	1.12	0.00	2.66	3.06	2.91	3.77	3.58	2.47	27.54
1924	Critical	1.67	1.34	0.72	0.31	0.92	0.00	2.28	2.88	1.47	2.29	1.30	1.42	16.60
1925	Dry	1.00	0.61	0.53	0.91	1.85	1.48	4.07	4.67	3.00	5.49	2.82	1.65	28.08
1926	Dry	1.04	1.11	0.88	1.76	1.54	1.48	2.11	2.64	3.00	4.97	2.29	2.95	25.77
1927	Wet	2.60	2.03	1.84	3.81	1.58	1.15	3.45	4.11	2.68	5.29	5.42	1.73	35.69
1928	Above Normal	4.53	3.59	3.23	0.94	1.24	0.00	3.60	2.07	2.90	5.33	5.44	3.63	36.50
1929	Critical	3.21	1.75	1.63	0.50	0.84	0.00	2.28	2.88	3.20	5.48	3.22	1.70	26.69
1930	Dry	0.90	0.56	0.47	1.82	1.89	0.00	4.07	4.67	3.00	5.49	2.95	1.88	27.70
1931	Critical	0.88	0.71	0.52	0.32	0.75	0.00	2.28	2.88	2.34	2.22	1.39	2.96	17.25
1932	Dry	2.58	2.06	1.95	1.89	1.89	1.38	2.11	2.64	3.00	5.49	5.39	1.99	32.37
1933	Critical	0.68	1.51	1.83	1.74	1.58	1.83	2.28	2.88	3.20	5.48	3.70	1.60	28.31
1934	Critical	2.18	2.06	1.95	1.89	1.89	1.83	2.28	2.88	3.20	5.48	4.14	1.34	31.12
1935	Below Normal	2.00	2.06	1.93	1.86	1.89	1.28	3.77	4.31	2.91	5.38	4.65	2.02	34.06
1936	Below Normal	1.15	1.85	1.69	1.43	1.24	1.15	3.77	4.31	2.91	5.38	4.66	2.47	32.01
1937	Below Normal	1.05	0.88	0.49	0.17	0.33	0.75	3.77	4.31	2.91	5.38	5.41	2.84	28.29
1938	Wet	1.33	0.69	3.72	3.48	1.24	0.00	3.45	4.11	2.68	5.29	4.98	2.99	33.96
1939	Dry	2.57	1.66	1.20	0.55	0.71	0.00	1.02	2.36	3.00	4.23	1.80	1.28	20.38
1940	Above Normal	1.17	1.06	0.74	0.36	1.09	0.00	3.60	4.10	2.90	5.33	5.44	3.55	29.34
1941	Wet	4.61	3.73	3.43	1.07	0.23	0.00	3.12	2.24	2.68	3.68	3.59	2.96	31.34
1942	Wet	2.61	1.63	1.04	0.77	1.10	0.00	2.72	2.24	2.68	3.68	3.59	3.00	25.06
1943	Wet	2.58	1.60	1.17	0.87	1.18	0.00	2.75	2.26	2.68	3.68	3.59	2.84	25.20
1944	Dry	2.75	1.65	1.19	0.62	1.18	0.00	4.07	2.90	3.00	3.88	2.69	1.40	25.33
1945	Below Normal	0.94	1.03	0.38	0.43	1.23	0.00	3.77	4.31	2.91	5.38	4.43	2.36	27.17
1946	Below Normal	1.35	1.04	0.69	3.48	1.24	0.00	3.77	4.31	2.91	5.38	3.67	1.50	29.34
1947	Dry	1.22	1.12	0.40	0.24	0.85	0.00	2.11	2.64	3.00	5.32	1.55	1.12	19.57
1948	Below Normal	0.75	0.78	0.35	0.24	0.37	1.28	2.79	2.28	2.91	5.38	4.44	2.88	24.45
1949	Dry	2.57	1.85	1.69	1.45	1.24	0.00	0.80	2.07	3.00	5.49	1.89	2.82	24.87
1950	Below Normal	2.60	2.03	1.84	1.78	1.58	1.28	3.77	2.28	2.91	5.38	4.30	2.88	32.63
1951	Above Normal	2.57	1.85	3.72	3.48	1.24	0.00	3.60	4.10	2.90	5.33	5.44	3.39	37.62
1952	Wet	4.61	3.73	1.97	1.16	0.32	0.00	3.45	2.36	2.68	3.68	3.59	3.00	30.55
1953	Wet	2.60	1.62	1.09	1.12	1.18	0.00	2.83	2.25	2.68	3.67	3.59	1.55	24.18
1954	Above Normal	4.04	1.63	1.22	1.05	1.18	0.00	2.99	2.07	2.90	3.88	3.61	3.07	27.64
1955	Dry	2.68	1.76	1.61	1.27	1.12	0.00	2.11	2.64	3.00	5.38	1.74	1.31	24.62
1956	Wet	0.99	0.95	0.45	0.88	1.65	0.00	3.45	4.11	2.68	5.29	5.42	3.19	29.06
1957	Above Normal	4.53	1.96	1.22	0.59	1.04	0.00	3.57	2.19	2.90	3.72	3.61	3.06	28.39
1958	Wet	2.64	1.13	2.30	1.23	0.79	0.00	2.02	2.24	2.68	3.68	3.59	2.99	25.29
1959	Below Normal	2.59	1.67	1.20	0.48	1.18	0.00	1.81	2.28	2.91	5.38	4.13	1.67	25.30
1960	Dry	1.18	0.85	0.61	0.27	0.62	0.00	2.11	4.67	3.00	4.79	1.46	0.95	20.51
1961	Dry	0.70	0.74	0.20	0.26	1.58	0.00	4.07	2.71	3.00	4.84	1.38	1.15	20.63
1962	Below Normal	2.01	2.03	1.84	1.78	1.39	1.28	3.77	2.28	2.91	5.38	3.84	2.88	31.39
1963	Wet	2.57	3.81	3.72	3.48	1.24	0.00	3.45	4.11	2.68	5.29	5.42	2.37	38.14
1964	Dry	4.53	3.18	1.22	0.68	1.24	0.00	2.11	2.64	3.00	4.96	1.49	1.15	26.20
1965	Wet	0.77	0.51	0.52	3.81	1.58	0.00	3.45	4.11	2.68	5.29	5.42	3.11	31.25
1966	Below Normal	3.97	1.58	1.13	1.12	1.18	0.00	3.30	2.28	2.91	3.93	3.58	1.30	26.28
1967	Wet	0.74	0.50	0.28	1.45	1.24	0.00	3.45	4.11	2.68	5.29	5.06	3.00	27.80
1968	Below Normal	2.59	1.63	1.20	0.59	1.24	0.00	1.81	2.28	2.91	5.38	3.94	1.89	25.46
1969	Wet	1.03	0.89	0.36	0.66	0.86	0.00	3.45	4.11	2.68	5.29	4.89	2.99	27.21
1970	Wet	2.57	1.65	1.13	0.90	1.18	0.00	2.82	2.26	2.68	3.68	3.59	2.22	24.68
1971	Wet	3.36	1.54	1.06	1.13	1.18	0.00	2.83	2.23	2.68	3.68	3.59	1.80	25.08
1972	Below Normal	3.79	1.65	1.14	1.13	1.21	0.00	1.81	2.28	2.91	5.38	3.60	1.34	26.24
1973	Above Normal	1.02	0.57	0.97	1.45	1.24	0.00	3.60	4.10	2.90	5.33	4.04	3.06	28.28
1974	Wet	2.63	1.68	1.57	1.30	1.12	0.00	2.77	2.26	2.68	3.66	3.59	3.00	26.26
1975	Wet	2.57	1.66	1.17	0.59	1.18	0.00	3.19	2.26	2.68	3.68	3.58	2.97	25.53
1976	Critical	2.57	1.66	1.22	0.72	0.53	0.00	2.28	2.88	1.86	1.62	0.88	1.03	17.25
1977	Critical	0.68	0.83	0.49	0.33	0.46	1.83	2.28	2.88	3.20	3.45	3.35	2.96	22.74
1978	Above Normal	2.58	2.06	1.95	1.89	1.89	1.16	3.60	4.10	2.90	5.33	5.44	4.00	36.90
1979	Below Normal	4.61	3.73	3.70	0.44	1.12	0.00	3.77	4.31	2.91	5.38	3.59	1.84	35.40
1980	Above Normal	1.29	0.91	0.35	0.75	1.31	0.00	3.60	4.10	2.90	5.33	5.44	3.26	29.24
1981	Dry	2.68	1.81	1.65	0.47	1.12	0.00	2.11	2.64	3.00	5.11	2.06	1.41	24.06
1982	Wet	1.25	0.95	3.87	1.78	1.58	0.00	3.45	4.11	2.68	5.25	3.59	2.96	31.47
1983	Wet	2.50	1.58	1.04	0.73	0.83	0.00	2.11	2.25	2.68	3.68	3.59	2.98	23.97
1984	Wet	2.59	1.54	1.10	1.15	1.18	0.00	2.82	2.26	2.68	3.68	3.59	2.98	25.57
1985	Dry	2.57	1.55	1.19	1.13	1.18	0.00	2.11	2.64	3.00	4.93	2.04	1.48	23.82
1986	Wet	1.37	1.16	0.45	0.49	0.86	0.00	3.45	4.11	2.68	5.29	5.42	4.81	30.09
1987	Dry	3.73	1.67	1.20	0.59	1.18	0.00	2.11	2.64	3.00	5.17	2.29	2.07	25.65
1988	Critical	1.33	0.82	0.57	1.67	1.58	0.00	2.28	2.88	3.20	5.38	1.72	1.37	22.80
1989	Dry	0.96	0.70	0.51	0.36	0.77	0.59	2.11	4.67	3.00	4.05	1.25	2.95	21.92
1990	Critical	2.60	2.03	1.84	1.78	1.58	1.83	2.28	2.88	3.20	3.45	3.35	2.96	29.78
1991	Critical	2.58	2.06	1.95	1.89	1.89	1.83	2.28	2.88	3.20	3.45	3.35	2.96	30.32
1992	Critical	2.58	2.06	1.95	1.89	1.89	1.83	2.28	3.01	3.20	5.48	2.87	2.92	31.96
1993	Above Normal	2.58	2.06	1.95	1.74	1.89	1.16	1.64	2.07	2.90	5.33	5.44	4.11	32.87
1994	Critical	4.61	3.73	3.70	0.33	0.86	0.00	2.28	2.88	3.20	2.16	0.83	1.10	25.68
1995	Wet	1.11	2.04	1.93	1.37	1.89	1.15	3.45	4.11	2.68	5.29	5.42	4.81	35.25
1996	Wet	4.53	3.59	3.23	0.35	0.00	0.00	3.45	4.11	2.68	5.29	4.43	2.38	34.04
1997	Wet	3.19	1.59	0.99	0.96	1.18	0.00	2.87	2.25	2.68	3.68	3.58	2.53	25.50
1998	Wet	3.04	1.57	1.18	0.57	0.43	0.00	3.30	2.19	2.68	3.68	3.59	2.99	25.22
1999	Wet	2.60	1.62	1.09	1.12	1.18	0.00	2.83	2.25	2.68	3.67	3.59	2.51	25.14
2000	Above Normal	3.07	1.63	1.24	0.57	0.91	0.00	3.60	2.33	2.90	3.72	3.61	3.07	26.65
2001	Dry	2.58	1.86	1.69	0.52	1.12	0.00	2.11	2.64	3.00	5.48	2.37	2.50	25.87
2002	Dry	1.55	1.13	0.63	1.78	1.58	0.00	2.11	2.09	3.00	3.49	1.62	1.78	20.76
2003	Above Normal	1.04	0.68	1.08	3.81	1.84	0.00	3.60	2.07	2.90	5.33	5.44	3.39	31.18
	Average	2.34	1.67	1.41	1.21	1.19	0.34	2.88	3.06	2.85	4.63	3.59	2.48	27.65
	Wet	2.42	1.73	1.60	1.39	1.08	0.09	3.09	3.04	2.68	4.36	4.20	2.87	28.56
	Above Normal	2.75	1.80	1.50	1.41	1.30	0.19	3.38	3.12	2.90	4.94	4.87	3.54	31.70
	Below Normal	2.35	1.69	1.36	1.16	1.17	0.50	3.17	3.21	2.91	5.16	4.13	2.17	28.97
	Dry	2.10	1.44	1.05	0.92	1.26	0.27	2.41	3.03	3.00	4.92	2.17	1.77	24.34
	Critical	2.13	1.71	1.53	1.11	1.23	0.92	2.28	2.89	2.87	3.83	2.51	2.03	25.04

Energy Use (GWh) At Pumping Plant at Contra Costa: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	4.61	3.55	0.37	0.26	0.72	0.00	3.60	4.10	2.90	5.33	5.44	4.88	35.76
1923	Below Normal	3.43	1.74	1.50	1.30	1.12	0.00	2.66	3.06	2.91	3.77	3.58	2.47	27.54
1924	Critical	1.67	1.34	0.72	0.31	0.92	0.00	2.28	2.88	1.47	2.29	1.30	1.42	16.60
1925	Dry	1.00	0.61	0.53	0.91	1.85	1.48	4.07	4.67	3.00	5.49	2.82	1.65	28.08
1926	Dry	1.04	1.11	0.88	1.76	1.54	1.48	2.11	2.64	3.00	4.97	2.29	2.95	25.77
1927	Wet	2.60	2.03	1.84	3.81	1.58	1.15	3.45	4.11	2.68	5.29	5.42	1.73	35.69
1928	Above Normal	4.53	3.59	3.23	0.94	1.24	0.00	3.60	2.07	2.90	5.33	5.44	3.63	36.50
1929	Critical	3.21	1.75	1.63	0.50	0.84	0.00	2.28	2.88	3.20	5.48	3.22	1.70	26.69
1930	Dry	0.90	0.56	0.47	1.82	1.89	0.00	4.07	4.67	3.00	5.49	2.95	1.88	27.70
1931	Critical	0.88	0.71	0.52	0.32	0.75	0.00	2.28	2.88	2.34	2.22	1.39	2.96	17.25
1932	Dry	2.58	2.06	1.95	1.89	1.89	1.38	2.11	2.64	3.00	5.49	5.39	1.99	32.37
1933	Critical	0.68	1.51	1.83	1.74	1.58	1.83	2.28	2.88	3.20	5.48	3.70	1.60	28.31
1934	Critical	2.18	2.06	1.95	1.89	1.89	1.83	2.28	2.88	3.20	5.48	4.14	1.34	31.12
1935	Below Normal	2.00	2.06	1.93	1.86	1.89	1.28	3.77	4.31	2.91	5.38	4.65	2.02	34.06
1936	Below Normal	1.15	1.85	1.69	1.43	1.24	1.15	3.77	4.31	2.91	5.38	4.66	2.47	32.01
1937	Below Normal	1.05	0.88	0.49	0.17	0.33	0.75	3.77	4.31	2.91	5.38	5.41	2.84	28.29
1938	Wet	1.33	0.69	3.72	3.48	1.24	0.00	3.45	4.11	2.68	5.29	4.98	2.99	33.96
1939	Dry	2.57	1.66	1.20	0.55	0.71	0.00	1.02	2.36	3.00	4.23	1.80	1.28	20.38
1940	Above Normal	1.17	1.06	0.74	0.36	1.09	0.00	3.60	4.10	2.90	5.33	5.44	3.55	29.34
1941	Wet	4.61	3.73	3.43	1.07	0.23	0.00	3.12	2.24	2.68	3.68	3.59	2.96	31.34
1942	Wet	2.61	1.63	1.04	0.77	1.10	0.00	2.72	2.24	2.68	3.68	3.59	3.00	25.06
1943	Wet	2.58	1.60	1.17	0.87	1.18	0.00	2.75	2.26	2.68	3.68	3.59	2.84	25.20
1944	Dry	2.75	1.65	1.19	0.62	1.18	0.00	4.07	2.90	3.00	3.88	2.69	1.40	25.33
1945	Below Normal	0.94	1.03	0.38	0.43	1.23	0.00	3.77	4.31	2.91	5.38	4.43	2.36	27.17
1946	Below Normal	1.35	1.04	0.69	3.48	1.24	0.00	3.77	4.31	2.91	5.38	3.67	1.50	29.34
1947	Dry	1.22	1.12	0.40	0.24	0.85	0.00	2.11	2.64	3.00	5.32	1.55	1.12	19.57
1948	Below Normal	0.75	0.78	0.35	0.24	0.37	1.28	2.79	2.28	2.91	5.38	4.44	2.88	24.45
1949	Dry	2.57	1.85	1.69	1.45	1.24	0.00	0.80	2.07	3.00	5.49	1.89	2.82	24.87
1950	Below Normal	2.60	2.03	1.84	1.78	1.58	1.28	3.77	2.28	2.91	5.38	4.30	2.88	32.63
1951	Above Normal	2.57	1.85	3.72	3.48	1.24	0.00	3.60	4.10	2.90	5.33	5.44	3.39	37.62
1952	Wet	4.61	3.73	1.97	1.16	0.32	0.00	3.45	2.36	2.68	3.68	3.59	3.00	30.55
1953	Wet	2.60	1.62	1.09	1.12	1.18	0.00	2.83	2.25	2.68	3.67	3.59	1.55	24.18
1954	Above Normal	4.04	1.63	1.22	1.05	1.18	0.00	2.99	2.07	2.90	3.88	3.61	3.07	27.64
1955	Dry	2.68	1.76	1.61	1.27	1.12	0.00	2.11	2.64	3.00	5.38	1.74	1.31	24.62
1956	Wet	0.99	0.95	0.45	0.88	1.65	0.00	3.45	4.11	2.68	5.29	5.42	3.19	29.06
1957	Above Normal	4.53	1.96	1.22	0.59	1.04	0.00	3.57	2.19	2.90	3.72	3.61	3.06	28.39
1958	Wet	2.64	1.13	2.30	1.23	0.79	0.00	2.02	2.24	2.68	3.68	3.59	2.99	25.29
1959	Below Normal	2.59	1.67	1.20	0.48	1.18	0.00	1.81	2.28	2.91	5.38	4.13	1.67	25.30
1960	Dry	1.18	0.85	0.61	0.27	0.62	0.00	2.11	4.67	3.00	4.79	1.46	0.95	20.51
1961	Dry	0.70	0.74	0.20	0.26	1.58	0.00	4.07	2.71	3.00	4.84	1.38	1.15	20.63
1962	Below Normal	2.01	2.03	1.84	1.78	1.39	1.28	3.77	2.28	2.91	5.38	3.84	2.88	31.39
1963	Wet	2.57	3.81	3.72	3.48	1.24	0.00	3.45	4.11	2.68	5.29	5.42	2.37	38.14
1964	Dry	4.53	3.18	1.22	0.68	1.24	0.00	2.11	2.64	3.00	4.96	1.49	1.15	26.20
1965	Wet	0.77	0.51	0.52	3.81	1.58	0.00	3.45	4.11	2.68	5.29	5.42	3.11	31.25
1966	Below Normal	3.97	1.58	1.13	1.12	1.18	0.00	3.30	2.28	2.91	3.93	3.58	1.30	26.28
1967	Wet	0.74	0.50	0.28	1.45	1.24	0.00	3.45	4.11	2.68	5.29	5.06	3.00	27.80
1968	Below Normal	2.59	1.63	1.20	0.59	1.24	0.00	1.81	2.28	2.91	5.38	3.94	1.89	25.46
1969	Wet	1.03	0.89	0.36	0.66	0.86	0.00	3.45	4.11	2.68	5.29	4.89	2.99	27.21
1970	Wet	2.57	1.65	1.13	0.90	1.18	0.00	2.82	2.26	2.68	3.68	3.59	2.22	24.68
1971	Wet	3.36	1.54	1.06	1.13	1.18	0.00	2.83	2.23	2.68	3.68	3.59	1.80	25.08
1972	Below Normal	3.79	1.65	1.14	1.13	1.21	0.00	1.81	2.28	2.91	5.38	3.60	1.34	26.24
1973	Above Normal	1.02	0.57	0.97	1.45	1.24	0.00	3.60	4.10	2.90	5.33	4.04	3.06	28.28
1974	Wet	2.63	1.68	1.57	1.30	1.12	0.00	2.77	2.26	2.68	3.66	3.59	3.00	26.26
1975	Wet	2.57	1.66	1.17	0.59	1.18	0.00	3.19	2.26	2.68	3.68	3.58	2.97	25.53
1976	Critical	2.57	1.66	1.22	0.72	0.53	0.00	2.28	2.88	1.86	1.62	0.88	1.03	17.25
1977	Critical	0.68	0.83	0.49	0.33	0.46	1.83	2.28	2.88	3.20	3.45	3.35	2.96	22.74
1978	Above Normal	2.58	2.06	1.95	1.89	1.89	1.16	3.60	4.10	2.90	5.33	5.44	4.00	36.90
1979	Below Normal	4.61	3.73	3.70	0.41	0.00	0.00	3.77	4.31	2.91	5.38	3.59	1.84	34.25
1980	Above Normal	1.29	0.91	0.35	0.75	1.31	0.00	3.60	4.10	2.90	5.33	5.44	4.35	30.33
1981	Dry	2.68	1.81	1.65	0.46	1.12	0.00	2.11	2.64	3.00	5.11	2.05	1.40	24.03
1982	Wet	1.25	0.94	3.87	1.78	1.58	0.00	3.45	4.11	2.68	5.28	3.59	2.96	31.49
1983	Wet	2.50	1.58	1.04	0.73	0.83	0.00	2.11	2.25	2.68	3.68	3.59	2.98	23.97
1984	Wet	2.59	1.54	1.10	1.15	1.18	0.00	2.82	2.26	2.68	3.68	3.59	2.98	25.57
1985	Dry	2.57	1.55	1.19	1.13	1.18	0.00	2.11	2.64	3.00	4.93	2.04	1.48	23.82
1986	Wet	1.36	1.15	0.45	0.49	0.86	0.00	3.45	4.11	2.68	5.29	5.42	4.81	30.07
1987	Dry	3.75	1.67	1.20	0.59	1.18	0.00	2.11	2.64	3.00	5.17	2.29	2.07	25.67
1988	Critical	1.32	0.81	0.57	1.67	1.58	0.00	2.28	2.88	3.20	5.38	1.71	1.37	22.77
1989	Dry	0.96	0.70	0.51	0.36	0.77	0.61	2.11	4.67	3.00	4.05	1.25	2.95	21.94
1990	Critical	2.60	2.03	1.84	1.78	1.58	1.83	2.28	2.88	3.20	3.45	3.35	2.96	29.78
1991	Critical	2.58	2.06	1.95	1.89	1.89	1.83	2.28	2.88	3.20	3.45	3.35	2.96	30.32
1992	Critical	2.58	2.06	1.95	1.89	1.89	1.83	2.28	3.01	3.20	5.48	2.87	2.92	31.96
1993	Above Normal	2.58	2.06	1.95	1.74	1.89	1.16	1.64	2.07	2.90	5.33	5.44	4.11	32.87
1994	Critical	4.61	3.73	3.70	0.33	0.85	0.00	2.28	2.88	3.20	2.16	0.83	1.10	25.67
1995	Wet	1.12	2.04	1.93	1.37	1.89	1.15	3.45	4.11	2.68	5.29	5.42	4.81	35.26
1996	Wet	4.53	3.59	3.23	0.35	0.00	0.00	3.45	4.11	2.68	5.29	4.43	2.38	34.04
1997	Wet	3.19	1.59	0.99	0.96	1.18	0.00	2.87	2.25	2.68	3.68	3.58	2.53	25.50
1998	Wet	3.04	1.57	1.18	0.57	0.43	0.00	3.30	2.19	2.68	3.68	3.59	2.99	25.22
1999	Wet	2.60	1.62	1.09	1.12	1.18	0.00	2.83	2.25	2.68	3.67	3.59	2.51	25.14
2000	Above Normal	3.07	1.63	1.24	0.57	0.91	0.00	3.60	2.33	2.90	3.72	3.61	3.07	26.65
2001	Dry	2.58	1.86	1.69	0.52	1.12	0.00	2.11	2.64	3.00	5.48	2.37	2.50	25.87
2002	Dry	1.55	1.13	0.63	1.78	1.58	0.00	2.11	2.09	3.00	3.49	1.62	1.78	20.76
2003	Above Normal	1.04	0.68	1.08	3.81	1.84	0.00	3.60	2.07	2.90	5.33	5.44	3.39	31.18
	Average	2.34	1.67	1.41	1.21	1.17	0.34	2.88	3.06	2.85	4.63	3.59	2.50	27.65
	Wet	2.42	1.73	1.60	1.39	1.08	0.09	3.09	3.04	2.68	4.36	4.20	2.87	28.56
	Above Normal	2.75	1.80	1.50	1.41	1.30	0.19	3.38	3.12	2.90	4.94	4.87	3.63	31.79
	Below Normal	2.35	1.69	1.36	1.16	1.09	0.50	3.17	3.21	2.91	5.16	4.13	2.17	28.89
	Dry	2.10	1.44	1.05	0.92	1.26	0.28	2.41	3.03	3.00	4.92	2.17	1.77	24.34
	Critical	2.13	1.71	1.53	1.11	1.23	0.92	2.28	2.89	2.87	3.83	2.51	2.03	25.04

Difference in Energy Use (GWh) At Pumping Plant at Contra Costa: Alternative4_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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	(0.03)	(1.12)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.09	0.09
1981	Dry	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00
1982	Wet	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	(0.00)	0.00	(0.00)	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.00)	0.01	(0.00)
	Wet	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.01
	Below Normal	0.00	0.00	0.00	(0.00)	(0.08)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
	Dry	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	0.00
	Critical	(0.00)	(0.00)	0.00	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at Contra Costa: Alternative4_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%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	-7%	-100%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	33%
1981	Dry	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	-1%
1982	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	1%	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	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1989	Dry	0%	0%	0%	0%	0%	3%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%
	Below Normal	0%	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.18	0.00	0.00	0.00	0.00	0.04	1.02	1.11	1.25	1.33	0.96	0.54	6.43
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.13	0.38	0.76	0.63	0.86	0.65	0.11	3.52
1924	Critical	0.09	0.01	0.00	0.00	0.00	0.02	0.09	0.09	0.10	0.10	0.07	0.04	0.61
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.60	0.72	0.97	0.71	0.30	3.47
1926	Dry	0.11	0.00	0.00	0.00	0.00	0.02	0.05	0.19	0.25	0.27	0.19	0.11	1.19
1927	Wet	0.03	0.00	0.00	0.00	0.00	0.04	0.75	1.13	1.22	1.43	1.07	0.57	6.24
1928	Above Normal	0.04	0.00	0.00	0.00	0.00	0.00	0.26	0.65	0.67	0.73	0.54	0.29	3.18
1929	Critical	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.18	0.24	0.26	0.19	0.09	1.06
1931	Critical	0.03	0.00	0.00	0.00	0.00	0.01	0.10	0.09	0.10	0.12	0.09	0.04	0.58
1932	Dry	0.01	0.00	0.00	0.00	0.00	0.02	0.14	0.14	0.20	0.21	0.16	0.08	0.96
1933	Critical	0.03	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.05	0.06	0.04	0.02	0.30
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.11	0.12	0.13	0.10	0.05	0.59
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.38	0.40	0.30	0.15	1.52
1936	Below Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.19	0.47	0.42	0.60	0.45	0.21	2.35
1937	Below Normal	0.09	0.02	0.00	0.00	0.00	0.00	0.16	0.45	0.39	0.51	0.38	0.20	2.20
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.43	1.25	1.41	1.50	1.12	0.47	6.18
1939	Dry	0.04	0.00	0.00	0.00	0.02	0.10	0.31	0.27	0.36	0.38	0.28	0.09	1.85
1940	Above Normal	0.03	0.01	0.00	0.00	0.00	0.00	0.56	0.94	1.29	1.41	1.06	0.53	5.83
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.89	1.51	1.63	1.22	0.66	6.17
1942	Wet	0.07	0.00	0.00	0.00	0.00	0.00	0.24	0.93	1.45	1.61	1.21	0.63	6.14
1943	Wet	0.19	0.00	0.00	0.00	0.00	0.00	0.27	0.95	1.08	1.16	0.88	0.48	5.01
1944	Dry	0.14	0.00	0.00	0.00	0.00	0.01	0.14	0.24	0.27	0.31	0.24	0.13	1.48
1945	Below Normal	0.04	0.00	0.00	0.00	0.00	0.00	0.43	0.61	0.82	0.98	0.73	0.39	4.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.03	0.80	0.99	1.05	1.09	0.84	0.45	5.25
1947	Dry	0.16	0.00	0.00	0.00	0.00	0.00	0.26	0.48	0.51	0.61	0.46	0.25	2.73
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.73	1.16	1.54	1.16	0.50	5.13
1949	Dry	0.16	0.02	0.00	0.00	0.00	0.00	0.46	0.73	0.92	0.97	0.73	0.39	4.38
1950	Below Normal	0.15	0.00	0.00	0.00	0.00	0.00	0.26	0.35	0.37	0.41	0.30	0.15	1.99
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.07	0.91	0.88	1.21	1.30	0.97	0.51	5.85
1952	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.53	1.24	1.12	1.44	1.11	0.60	6.08
1953	Wet	0.22	0.00	0.00	0.00	0.00	0.11	0.48	1.05	1.21	1.49	1.05	0.60	6.21
1954	Above Normal	0.15	0.00	0.00	0.00	0.00	0.00	0.40	1.28	1.25	1.54	0.87	0.60	6.09
1955	Dry	0.18	0.00	0.00	0.00	0.00	0.06	0.26	0.40	0.40	0.44	0.33	0.14	2.21
1956	Wet	0.06	0.00	0.00	0.00	0.00	0.15	0.92	0.66	1.23	1.46	1.10	0.53	6.11
1957	Above Normal	0.17	0.04	0.00	0.00	0.00	0.00	0.54	0.74	1.05	1.12	0.84	0.11	4.61
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.88	1.33	1.55	1.26	0.66	6.00
1959	Below Normal	0.22	0.03	0.00	0.00	0.00	0.04	0.65	0.76	0.81	0.87	0.64	0.20	4.22
1960	Dry	0.14	0.03	0.00	0.00	0.00	0.00	0.14	0.35	0.43	0.46	0.34	0.18	2.07
1961	Dry	0.05	0.00	0.00	0.00	0.00	0.00	0.32	0.62	0.68	0.77	0.58	0.21	3.23
1962	Below Normal	0.11	0.00	0.00	0.00	0.00	0.00	0.52	0.93	0.96	1.16	0.85	0.43	4.96
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.18	1.00	1.51	1.65	1.24	0.66	6.24
1964	Dry	0.02	0.00	0.00	0.00	0.00	0.04	0.42	0.42	0.40	0.49	0.34	0.14	2.27
1965	Wet	0.03	0.00	0.00	0.00	0.00	0.02	0.15	1.01	1.12	1.19	0.64	0.48	4.64
1966	Below Normal	0.19	0.00	0.00	0.00	0.00	0.03	0.79	1.01	1.05	1.11	0.82	0.45	5.45
1967	Wet	0.18	0.00	0.00	0.00	0.00	0.02	0.43	1.23	1.13	1.50	1.12	0.60	6.21
1968	Below Normal	0.22	0.00	0.00	0.00	0.00	0.01	0.59	0.81	0.83	0.95	0.47	0.38	4.26
1969	Wet	0.06	0.00	0.00	0.00	0.00	0.00	0.67	1.27	1.23	1.37	1.04	0.56	6.20
1970	Wet	0.08	0.02	0.00	0.00	0.00	0.00	0.51	0.85	0.70	0.94	0.71	0.38	4.19
1971	Wet	0.07	0.00	0.00	0.00	0.00	0.03	0.88	0.91	1.02	1.21	0.91	0.44	5.47
1972	Below Normal	0.17	0.00	0.00	0.00	0.00	0.17	0.54	0.53	0.63	0.69	0.51	0.18	3.42
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.63	1.18	1.27	1.37	1.02	0.53	6.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.48	1.31	1.39	1.26	1.14	0.61	6.19
1975	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.50	1.32	1.38	1.38	1.04	0.61	6.27
1976	Critical	0.00	0.00	0.00	0.00	0.02	0.03	0.06	0.09	0.09	0.10	0.06	0.03	0.48
1977	Critical	0.02	0.00	0.00	0.00	0.00	0.03	0.08	0.04	0.09	0.10	0.07	0.03	0.46
1978	Above Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.19	1.16	1.44	1.55	1.16	0.51	6.02
1979	Below Normal	0.25	0.00	0.00	0.00	0.00	0.00	0.25	0.64	0.74	0.78	0.51	0.26	3.43
1980	Above Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.50	0.88	0.89	1.23	0.93	0.48	4.92
1981	Dry	0.14	0.02	0.00	0.00	0.00	0.00	0.31	0.70	1.05	1.13	0.85	0.34	4.54
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.51	1.42	1.18	1.57	1.21	0.35	6.24
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.25	1.14	1.42	1.66	1.10	0.48	6.05
1984	Wet	0.19	0.00	0.00	0.00	0.00	0.02	0.78	1.13	1.14	1.25	0.83	0.49	5.83
1985	Dry	0.04	0.00	0.00	0.00	0.00	0.00	0.58	0.92	0.96	0.99	0.75	0.25	4.49
1986	Wet	0.06	0.00	0.00	0.00	0.00	0.00	0.29	0.62	0.93	1.00	0.75	0.13	3.78
1987	Dry	0.14	0.02	0.00	0.00	0.00	0.00	0.14	0.26	0.28	0.30	0.22	0.12	1.48
1988	Critical	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.41	0.44	0.52	0.39	0.01	1.94
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.16	0.19	0.21	0.16	0.08	0.88
1992	Critical	0.03	0.00	0.00	0.00	0.00	0.00	0.11	0.28	0.24	0.33	0.24	0.13	1.36
1993	Above Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.53	0.76	1.10	1.60	1.15	0.65	5.80
1994	Critical	0.09	0.00	0.00	0.00	0.00	0.04	0.53	0.52	0.82	0.88	0.66	0.35	3.89
1995	Wet	0.11	0.00	0.00	0.00	0.00	0.00	0.41	0.86	1.30	1.57	1.18	0.63	6.06
1996	Wet	0.25	0.05	0.00	0.00	0.00	0.00	0.62	0.81	1.46	1.60	1.20	0.51	6.50
1997	Wet	0.05	0.00	0.00	0.00	0.00	0.03	0.83	0.90	0.84	1.10	0.72	0.38	4.85
1998	Wet	0.08	0.00	0.00	0.00	0.00	0.00	0.41	0.10	1.29	1.83	1.36	0.72	5.79
1999	Wet	0.15	0.00	0.00	0.00	0.00	0.00	0.53	1.28	1.19	1.44	1.02	0.58	6.19
2000	Above Normal	0.21	0.00	0.00	0.00	0.00	0.00	0.39	1.08	1.40	1.55	1.24	0.60	6.47
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.43	0.42	0.50	0.37	0.17	2.04
2002	Dry	0.04	0.00	0.00	0.00	0.00	0.03	0.77	0.78	0.96	1.02	0.76	0.41	4.77
2003	Above Normal	0.16	0.00	0.00	0.00	0.00	0.00	0.25	0.89	1.60	1.70	1.12	0.69	6.41
	Average	0.08	0.00	0.00	0.00	0.00	0.02	0.37	0.69	0.83	0.95	0.70	0.34	3.97
	Wet	0.08	0.00	0.00	0.00	0.00	0.02	0.49	1.01	1.22	1.42	1.05	0.53	5.80
	Above Normal	0.08	0.00	0.00	0.00	0.00	0.01	0.52	0.96	1.20	1.37	0.99	0.50	5.63
	Below Normal	0.10	0.00	0.00	0.00	0.00	0.03	0.40	0.67	0.73	0.85	0.62	0.29	3.69
	Dry	0.08	0.01	0.00	0.00	0.00	0.02	0.27	0.45	0.53	0.59	0.44	0.19	2.56
	Critical	0.03	0.00	0.00	0.00	0.00	0.01	0.10	0.12	0.15	0.17	0.12	0.06	0.77

Energy Use (GWh) At Pumping Plant at Corning: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.18	0.00	0.00	0.00	0.00	0.04	1.02	1.11	1.25	1.33	0.96	0.54	6.43
1923	Below Normal	0.00	0.00	0.00	0.00	0.00	0.13	0.38	0.75	0.63	0.86	0.64	0.11	3.50
1924	Critical	0.09	0.01	0.00	0.00	0.00	0.02	0.09	0.09	0.10	0.10	0.07	0.04	0.61
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.60	0.72	0.97	0.71	0.30	3.47
1926	Dry	0.11	0.00	0.00	0.00	0.00	0.02	0.05	0.19	0.25	0.27	0.19	0.11	1.19
1927	Wet	0.03	0.00	0.00	0.00	0.00	0.04	0.75	1.13	1.22	1.43	1.07	0.57	6.24
1928	Above Normal	0.04	0.00	0.00	0.00	0.00	0.00	0.26	0.65	0.67	0.73	0.54	0.29	3.18
1929	Critical	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.18	0.24	0.26	0.19	0.09	1.06
1931	Critical	0.03	0.00	0.00	0.00	0.00	0.01	0.10	0.09	0.10	0.12	0.09	0.04	0.58
1932	Dry	0.01	0.00	0.00	0.00	0.00	0.02	0.14	0.14	0.20	0.21	0.16	0.08	0.96
1933	Critical	0.03	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.05	0.06	0.04	0.02	0.30
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.11	0.12	0.13	0.10	0.05	0.59
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.38	0.40	0.30	0.15	1.52
1936	Below Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.19	0.47	0.42	0.60	0.45	0.21	2.35
1937	Below Normal	0.09	0.02	0.00	0.00	0.00	0.00	0.16	0.45	0.39	0.50	0.38	0.20	2.19
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.43	1.25	1.41	1.50	1.12	0.47	6.18
1939	Dry	0.04	0.00	0.00	0.00	0.02	0.09	0.26	0.22	0.29	0.31	0.23	0.07	1.53
1940	Above Normal	0.03	0.00	0.00	0.00	0.00	0.00	0.57	0.95	1.31	1.44	1.08	0.54	5.92
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.89	1.51	1.63	1.22	0.66	6.17
1942	Wet	0.07	0.00	0.00	0.00	0.00	0.00	0.24	0.93	1.45	1.61	1.21	0.63	6.14
1943	Wet	0.19	0.00	0.00	0.00	0.00	0.00	0.27	0.94	1.07	1.15	0.88	0.47	4.97
1944	Dry	0.14	0.00	0.00	0.00	0.00	0.01	0.14	0.25	0.27	0.32	0.24	0.13	1.50
1945	Below Normal	0.04	0.00	0.00	0.00	0.00	0.00	0.43	0.60	0.82	0.97	0.73	0.39	3.98
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.03	0.80	1.00	1.05	1.09	0.84	0.45	5.26
1947	Dry	0.16	0.00	0.00	0.00	0.00	0.00	0.26	0.49	0.51	0.62	0.46	0.25	2.75
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.73	1.15	1.54	1.16	0.50	5.12
1949	Dry	0.16	0.02	0.00	0.00	0.00	0.00	0.46	0.73	0.92	0.97	0.73	0.39	4.38
1950	Below Normal	0.15	0.00	0.00	0.00	0.00	0.00	0.26	0.35	0.37	0.41	0.30	0.15	1.99
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.07	0.91	0.88	1.21	1.30	0.97	0.51	5.85
1952	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.53	1.24	1.12	1.44	1.11	0.60	6.08
1953	Wet	0.22	0.00	0.00	0.00	0.00	0.11	0.47	1.05	1.21	1.49	1.05	0.60	6.20
1954	Above Normal	0.15	0.00	0.00	0.00	0.00	0.00	0.40	1.28	1.25	1.54	0.87	0.60	6.09
1955	Dry	0.18	0.00	0.00	0.00	0.00	0.06	0.25	0.40	0.40	0.44	0.33	0.14	2.20
1956	Wet	0.06	0.00	0.00	0.00	0.00	0.15	0.92	0.66	1.23	1.46	1.10	0.53	6.11
1957	Above Normal	0.17	0.04	0.00	0.00	0.00	0.00	0.54	0.74	1.05	1.12	0.84	0.11	4.61
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.88	1.33	1.55	1.26	0.66	6.00
1959	Below Normal	0.22	0.03	0.00	0.00	0.00	0.04	0.65	0.77	0.81	0.88	0.64	0.20	4.24
1960	Dry	0.14	0.03	0.00	0.00	0.00	0.00	0.13	0.35	0.43	0.46	0.34	0.18	2.06
1961	Dry	0.05	0.00	0.00	0.00	0.00	0.00	0.32	0.62	0.68	0.77	0.57	0.21	3.22
1962	Below Normal	0.11	0.00	0.00	0.00	0.00	0.00	0.52	0.93	0.96	1.16	0.85	0.43	4.96
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.18	1.00	1.51	1.65	1.24	0.66	6.24
1964	Dry	0.02	0.00	0.00	0.00	0.00	0.04	0.42	0.42	0.40	0.49	0.34	0.14	2.27
1965	Wet	0.03	0.00	0.00	0.00	0.00	0.02	0.14	0.99	1.10	1.17	0.63	0.47	4.55
1966	Below Normal	0.18	0.00	0.00	0.00	0.00	0.03	0.80	1.01	1.05	1.12	0.82	0.45	5.46
1967	Wet	0.18	0.00	0.00	0.00	0.00	0.02	0.43	1.23	1.13	1.50	1.12	0.60	6.21
1968	Below Normal	0.22	0.00	0.00	0.00	0.00	0.01	0.59	0.81	0.83	0.95	0.47	0.38	4.26
1969	Wet	0.06	0.00	0.00	0.00	0.00	0.00	0.67	1.27	1.23	1.37	1.04	0.56	6.20
1970	Wet	0.08	0.02	0.00	0.00	0.00	0.00	0.51	0.85	0.70	0.94	0.71	0.38	4.19
1971	Wet	0.07	0.00	0.00	0.00	0.00	0.03	0.88	0.91	1.02	1.21	0.91	0.44	5.47
1972	Below Normal	0.17	0.00	0.00	0.00	0.00	0.17	0.54	0.53	0.63	0.69	0.51	0.18	3.42
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.63	1.18	1.27	1.37	1.02	0.53	6.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.48	1.31	1.39	1.26	1.14	0.61	6.19
1975	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.50	1.32	1.38	1.38	1.04	0.61	6.27
1976	Critical	0.00	0.00	0.00	0.00	0.02	0.03	0.06	0.09	0.09	0.10	0.06	0.03	0.48
1977	Critical	0.02	0.00	0.00	0.00	0.00	0.03	0.08	0.04	0.09	0.10	0.07	0.03	0.46
1978	Above Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.19	1.16	1.44	1.55	1.16	0.51	6.02
1979	Below Normal	0.25	0.00	0.00	0.00	0.00	0.00	0.21	0.54	0.62	0.66	0.43	0.22	2.93
1980	Above Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.50	0.88	0.89	1.23	0.93	0.48	4.92
1981	Dry	0.14	0.02	0.00	0.00	0.00	0.00	0.30	0.68	1.03	1.11	0.83	0.33	4.44
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.51	1.42	1.18	1.57	1.21	0.35	6.24
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.25	1.14	1.42	1.66	1.10	0.48	6.05
1984	Wet	0.19	0.00	0.00	0.00	0.00	0.02	0.78	1.13	1.14	1.25	0.83	0.49	5.83
1985	Dry	0.04	0.00	0.00	0.00	0.00	0.00	0.58	0.92	0.96	0.99	0.75	0.25	4.49
1986	Wet	0.06	0.00	0.00	0.00	0.00	0.00	0.29	0.62	0.93	1.00	0.75	0.13	3.78
1987	Dry	0.14	0.02	0.00	0.00	0.00	0.00	0.14	0.25	0.28	0.29	0.22	0.12	1.46
1988	Critical	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.41	0.44	0.52	0.39	0.01	1.94
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.16	0.19	0.21	0.16	0.08	0.88
1992	Critical	0.03	0.00	0.00	0.00	0.00	0.00	0.11	0.28	0.24	0.32	0.24	0.13	1.35
1993	Above Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.52	0.75	1.08	1.57	1.13	0.63	5.69
1994	Critical	0.09	0.00	0.00	0.00	0.00	0.04	0.53	0.52	0.81	0.88	0.66	0.35	3.88
1995	Wet	0.11	0.00	0.00	0.00	0.00	0.00	0.41	0.86	1.30	1.57	1.18	0.63	6.06
1996	Wet	0.25	0.05	0.00	0.00	0.00	0.00	0.62	0.81	1.46	1.60	1.20	0.51	6.50
1997	Wet	0.05	0.00	0.00	0.00	0.00	0.03	0.83	0.90	0.84	1.10	0.72	0.38	4.85
1998	Wet	0.08	0.00	0.00	0.00	0.00	0.00	0.41	0.10	1.29	1.83	1.36	0.72	5.79
1999	Wet	0.15	0.00	0.00	0.00	0.00	0.00	0.53	1.28	1.19	1.44	1.02	0.58	6.19
2000	Above Normal	0.21	0.00	0.00	0.00	0.00	0.00	0.39	1.08	1.40	1.55	1.24	0.60	6.47
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.43	0.42	0.50	0.37	0.17	2.04
2002	Dry	0.04	0.00	0.00	0.00	0.00	0.03	0.77	0.78	0.96	1.02	0.76	0.41	4.77
2003	Above Normal	0.16	0.00	0.00	0.00	0.00	0.00	0.25	0.89	1.60	1.70	1.12	0.69	6.41
	Average	0.08	0.00	0.00	0.00	0.00	0.02	0.37	0.69	0.82	0.95	0.69	0.34	3.96
	Wet	0.08	0.00	0.00	0.00	0.00	0.02	0.49	1.00	1.22	1.41	1.05	0.53	5.80
	Above Normal	0.08	0.00	0.00	0.00	0.00	0.01	0.52	0.96	1.20	1.37	0.99	0.50	5.63
	Below Normal	0.10	0.00	0.00	0.00	0.00	0.03	0.40	0.66	0.72	0.85	0.61	0.29	3.66
	Dry	0.08	0.01	0.00	0.00	0.00	0.02	0.27	0.45	0.52	0.58	0.43	0.19	2.54
	Critical	0.03	0.00	0.00	0.00	0.00	0.01	0.10	0.12	0.15	0.17	0.12	0.06	0.77

Difference in Energy Use (GWh) At Pumping Plant at Corning: Alternative4_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	(0.01)	0.00	0.00	(0.01)	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	(0.01)	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.05)	(0.05)	(0.07)	(0.07)	(0.05)	(0.02)	(0.03)
1940	Above Normal	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.03	0.02	0.01	0.01
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	(0.01)	0.00
1944	Dry	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
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00	0.00	0.00
1946	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
1947	Dry	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
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00
1960	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
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)
1966	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	(0.10)	(0.12)	(0.12)	(0.08)	(0.04)	(0.04)
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	(0.01)
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.03)	(0.02)	(0.02)	(0.01)
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	(0.00)	(0.00)	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
	Above Normal	0.00	(0.00)	0.00	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	0.00	(0.00)	0.00
	Below Normal	(0.00)	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.01)	(0.01)	(0.01)	(0.01)	(0.00)	(0.00)
	Dry	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.01)	(0.00)	(0.00)	(0.00)	(0.00)
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	0.00	0.00	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at Corning: Alternative4_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%	-1%	0%	0%	-2%	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%	-2%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	-10%	-16%	-19%	-19%	-18%	-18%	-22%
1940	Above Normal	0%	-100%	0%	0%	0%	0%	2%	1%	2%	2%	2%	2%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	0%	-2%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	4%	0%	3%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	-2%	0%	-1%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	2%	0%	2%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	-2%	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%	-4%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	1%	0%	1%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	-7%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	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%	-7%	-2%	-2%	-2%	-2%	-2%
1966	Below Normal	-5%	0%	0%	0%	0%	0%	1%	0%	0%	1%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	-16%	-16%	-16%	-15%	-16%	-15%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	-3%	-3%	-2%	-2%	-2%	-3%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	-4%	0%	-3%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	-2%	-1%	-2%	-2%	-2%	-3%
1994	Critical	0%	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%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	-1%	0%	0%	0%	0%	-1%	0%	-1%	0%	0%	-1%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	-8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
	Dry	0%	0%	0%	0%	0%	-1%	-2%	-1%	-1%	-1%	-1%	-1%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	38.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.02
1923	Below Normal	8.54	33.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.59
1924	Critical	17.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.07	0.00	0.00	20.66
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.65	0.00	20.65
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.77	0.00	6.77
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	20.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.92
1929	Critical	0.00	16.07	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.00	16.92
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.68	0.00	6.68
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.51	0.00	0.00	3.51
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	6.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.69	0.00	0.00	1.69
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.70	0.00	0.00	3.70
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	9.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.61
1937	Below Normal	14.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.73	27.56
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	12.23	25.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.34	0.00	49.35
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	3.93	13.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.77
1942	Wet	20.29	20.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.66
1943	Wet	16.44	34.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.67
1944	Dry	11.85	18.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.38	0.00	38.52
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	24.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.05
1947	Dry	23.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.63	0.00	39.31
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	11.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.98	0.00	33.48
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	11.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.25
1952	Wet	6.72	17.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.91
1953	Wet	10.05	27.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.02
1954	Above Normal	5.31	10.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.23
1955	Dry	8.70	7.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.67	0.00	28.79
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	17.76	28.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.67
1958	Wet	0.00	12.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.64
1959	Below Normal	0.00	37.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.42
1960	Dry	13.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.85	0.00	24.95
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.74	9.48	5.39	23.61
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	18.75	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.80	0.00	33.33
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.36
1966	Below Normal	25.38	25.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.02
1967	Wet	17.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.98
1968	Below Normal	1.92	36.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.01
1969	Wet	14.03	0.00	0.00	0.00	2.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.17
1970	Wet	1.63	36.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.02
1971	Wet	6.98	16.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.62
1972	Below Normal	11.31	1.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.95
1973	Above Normal	15.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.71
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	38.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.95
1976	Critical	0.00	23.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.81	0.09	0.00	26.82
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.65	0.00	0.00	2.65
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	14.25	23.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.01
1980	Above Normal	19.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.37
1981	Dry	0.00	30.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.74	0.00	46.56
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.07	28.89	0.00	10.11	66.07
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.21	0.00	20.21
1986	Wet	0.00	2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.65
1987	Dry	0.00	23.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.27	0.00	0.00	31.90
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.22
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.44	3.30	0.00	11.74
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.55	0.00	0.00	5.55
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.21	0.00	0.00	8.21
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	11.72	11.80	5.21	0.00	0.00	0.00	0.00	0.00	0.00	6.79	14.68	0.00	50.20
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	15.92	19.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.37
1997	Wet	27.61	21.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.01
1998	Wet	4.23	25.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.74
1999	Wet	0.00	0.00	0.00	0.00	8.85	0.00	0.00	0.00	0.00	0.31	0.00	11.66	20.82
2000	Above Normal	8.79	5.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.64
2001	Dry	10.42	15.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.86	0.00	0.00	43.73
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.47	0.00	14.47
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	1.03
	Average	5.54	9.04	0.08	0.00	0.13	0.00	0.00	0.00	0.33	1.44	2.54	0.49	19.59
	Wet	5.61	11.05	0.00	0.00	0.42	0.00	0.00	0.00	1.04	1.14	0.00	0.84	20.10
	Above Normal	6.52	8.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	15.32
	Below Normal	7.85	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	20.02
	Dry	5.08	7.79	0.04	0.00	0.00	0.00	0.00	0.00	0.00	2.74	10.72	0.30	26.67
	Critical	2.44	4.32	0.48	0.00	0.00	0.00	0.00	0.00	0.00	3.17	1.28	0.00	11.68

Energy Use (GWh) At Pumping Plant at CVP Banks: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.00	38.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.02
1923	Below Normal	8.54	33.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.68
1924	Critical	17.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.09	0.00	0.00	20.45
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.68	0.00	20.68
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.74	0.00	6.74
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	20.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.94
1929	Critical	0.00	16.07	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.00	16.91
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.67	0.00	6.67
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.50	0.00	0.00	3.50
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.99	0.00	0.00	5.99
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.69	0.00	0.00	1.69
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.66	0.00	0.00	3.66
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	9.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.61
1937	Below Normal	14.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.71	27.53
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	12.23	25.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.29	0.00	47.30
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	3.97	14.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.43
1942	Wet	21.01	25.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.50
1943	Wet	16.45	33.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.19
1944	Dry	8.07	21.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.53	0.00	38.44
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	23.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.63
1947	Dry	23.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.74	0.00	39.42
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	11.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.94	0.00	33.42
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	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.26
1952	Wet	6.73	17.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.91
1953	Wet	9.73	49.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.17
1954	Above Normal	4.59	10.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.36
1955	Dry	9.11	7.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.61	0.00	28.92
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	17.76	28.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.67
1958	Wet	0.00	12.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.64
1959	Below Normal	0.00	49.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.54
1960	Dry	13.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.82	0.00	25.31
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.95	9.26	5.36	23.57
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	18.61	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.83	0.00	33.22
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.36
1966	Below Normal	25.37	24.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.66
1967	Wet	17.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.95
1968	Below Normal	5.19	32.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.01
1969	Wet	14.03	0.00	0.00	0.00	9.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.82
1970	Wet	2.87	35.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.02
1971	Wet	7.00	16.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.62
1972	Below Normal	11.17	1.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.90
1973	Above Normal	15.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.73
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	36.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.92
1976	Critical	0.00	24.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	0.29	0.00	26.96
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.65	0.00	0.00	2.65
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	14.73	43.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.23
1980	Above Normal	16.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.25
1981	Dry	0.00	30.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.75	0.00	46.63
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	38.00	0.00	0.00	0.00	0.00	27.36	29.25	0.00	10.11	104.72
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.21	0.00	20.21
1986	Wet	0.00	2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.66
1987	Dry	0.00	23.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.14	0.00	0.00	31.76
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.22
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.42	3.25	0.00	11.67
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.53	0.00	0.00	5.53
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.10	0.00	0.00	8.10
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	11.72	11.61	5.61	0.00	0.00	0.00	0.00	0.00	0.00	7.04	14.51	0.00	50.49
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	15.90	17.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.19
1997	Wet	26.24	21.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.30
1998	Wet	4.36	25.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.75
1999	Wet	0.00	0.00	0.00	0.00	8.84	0.00	0.00	0.00	0.00	0.31	0.00	11.63	20.78
2000	Above Normal	8.93	6.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.94
2001	Dry	10.39	15.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.74	0.00	0.00	43.56
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.47	0.00	14.47
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.06	0.00	0.00	1.06
	Average	5.50	9.67	0.08	0.46	0.23	0.00	0.00	0.00	0.33	1.44	2.51	0.49	20.72
	Wet	5.62	11.85	0.00	1.46	0.72	0.00	0.00	0.00	1.05	1.15	0.00	0.84	22.69
	Above Normal	6.21	8.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	15.02
	Below Normal	8.08	13.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	22.20
	Dry	4.91	7.96	0.04	0.00	0.00	0.00	0.00	0.00	0.00	2.74	10.60	0.30	26.55
	Critical	2.42	4.31	0.51	0.00	0.00	0.00	0.00	0.00	0.00	3.15	1.28	0.00	11.68

Difference in Energy Use (GWh) At Pumping Plant at CVP Banks: Alternative4_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	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1924	Critical	(0.23)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	(0.02)
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	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	(0.03)	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	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00
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	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	(0.04)	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	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(2.05)	0.00	(0.17)
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	0.04	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1942	Wet	0.72	5.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49
1943	Wet	0.01	(0.49)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1944	Dry	(3.78)	3.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	(0.01)
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	(0.42)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.01
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.01	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	(0.32)	21.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.76
1954	Above Normal	(0.72)	(0.15)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)
1955	Dry	0.41	(0.22)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	0.00	0.01
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	12.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.01
1960	Dry	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	0.00	0.03
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	(0.22)	(0.03)	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	(0.14)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	(0.01)
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	(0.01)	(1.35)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.11)
1967	Wet	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	3.27	(3.27)	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	7.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64
1970	Wet	1.24	(1.24)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.02	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	(0.14)	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	(2.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.17)
1976	Critical	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.23)	0.20	0.00	0.01
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.48	19.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.69
1980	Above Normal	(3.12)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.26)
1981	Dry	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	38.00	0.00	0.00	0.00	0.00	0.29	0.36	0.00	0.00	3.22
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.13)	0.00	0.00	(0.01)
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.05)	0.00	(0.01)
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	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	(0.11)	0.00	0.00	(0.01)
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	(0.19)	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.25	(0.17)	0.00	0.02
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	(0.02)	(2.16)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.18)
1997	Wet	(1.37)	(0.34)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.14)
1998	Wet	0.13	(0.12)	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	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	0.00
2000	Above Normal	0.14	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
2001	Dry	(0.03)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.12)	0.00	0.00	(0.01)
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00
	Average	(0.04)	0.63	0.00	0.46	0.09	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.00)	0.09
	Wet	0.02	0.80	0.00	1.46	0.29	0.00	0.00	0.00	0.01	0.01	0.00	(0.00)	0.22
	Above Normal	(0.31)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)
	Below Normal	0.23	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	0.18
	Dry	(0.17)	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.12)	(0.00)	(0.01)
	Critical	(0.02)	(0.00)	0.03	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at CVP Banks: Alternative4_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	-1%	0%	0%	0%	0%	0%	0%	0%	0%	1%	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%	-2%	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%	-1%	0%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-18%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	1%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	4%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	-32%	19%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	-3%	77%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-14%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	5%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	32%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	-2%	-1%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	-5%	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	170%	-9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	357%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	76%	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	-1%	5%	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%	-5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	1%	0%	0%	0%	0%	0%	0%	0%	-8%	222%	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	3%	83%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	-16%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	-	0%	0%	0%	0%	1%	1%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	-2%	8%	0%	0%	0%	0%	0%	0%	4%	-1%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	-11%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-5%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	3%	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	2%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%
	Average	2%	3%	0%	0%	4%	0%	0%	0%	0%	0%	2%	0%
	Wet	3%	3%	0%	0%	14%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	12%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Dry	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	18%	0%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	5.17	22.14	7.37	12.47	13.35	8.71	11.20	15.92	27.95	33.80	23.56	5.99	187.63
1923	Below Normal	8.53	15.28	6.45	10.87	11.65	4.99	6.01	8.98	15.63	18.86	13.27	3.51	124.03
1924	Critical	10.81	2.25	3.60	5.97	6.46	1.36	1.66	2.44	4.01	6.21	3.58	1.18	49.53
1925	Dry	0.85	0.65	0.92	1.36	1.56	4.23	5.40	10.36	18.08	21.84	24.90	4.00	94.15
1926	Dry	3.02	2.58	4.16	6.95	7.49	2.35	2.79	4.12	6.98	8.38	9.20	1.79	59.81
1927	Wet	1.32	1.07	1.61	2.54	2.82	5.57	7.08	10.49	18.30	22.10	15.50	4.04	92.44
1928	Above Normal	3.06	12.33	4.21	7.04	7.59	3.59	5.56	8.30	14.42	17.40	12.26	3.27	99.03
1929	Critical	2.46	9.55	3.32	5.50	5.95	0.54	0.72	1.05	1.54	1.78	1.51	0.67	34.59
1930	Dry	0.46	0.31	0.34	0.37	0.52	1.62	2.76	4.08	6.91	8.30	9.10	1.77	36.54
1931	Critical	1.31	1.06	1.60	2.51	2.79	1.48	1.79	2.64	4.36	6.83	3.87	1.25	31.49
1932	Dry	0.91	0.70	1.00	1.50	1.71	2.15	2.55	3.77	6.37	10.43	5.55	1.66	38.30
1933	Critical	1.23	0.98	1.47	2.30	2.56	0.96	1.24	1.81	2.90	4.22	2.65	0.95	23.27
1934	Critical	0.68	0.50	0.66	0.92	1.10	1.53	1.85	2.73	4.51	7.11	4.00	1.28	26.87
1935	Below Normal	0.93	0.72	1.04	1.56	1.78	0.54	0.72	5.41	9.27	11.15	7.97	2.26	43.35
1936	Below Normal	6.15	1.38	2.14	3.45	3.78	4.50	5.22	7.75	13.43	16.20	11.44	3.07	78.51
1937	Below Normal	9.20	1.95	3.09	5.10	5.53	1.66	4.48	6.81	11.76	14.17	10.05	8.66	82.46
1938	Wet	2.06	1.72	2.71	4.44	4.83	10.67	12.22	18.19	31.98	38.68	26.91	6.79	161.20
1939	Dry	10.85	16.46	7.37	12.47	13.35	2.72	4.17	6.18	10.65	12.83	10.33	2.53	109.91
1940	Above Normal	1.89	1.57	2.46	4.00	4.36	4.11	5.95	9.06	15.77	19.04	13.39	3.53	85.13
1941	Wet	4.49	8.69	3.63	6.03	6.52	7.56	10.01	14.49	25.41	30.71	21.43	5.49	144.46
1942	Wet	13.60	8.00	5.86	9.86	10.58	8.65	11.18	16.09	28.26	34.17	18.02	6.05	170.32
1943	Wet	12.24	11.84	6.52	10.99	11.78	8.58	9.86	14.66	25.70	31.07	21.68	5.55	170.47
1944	Dry	9.72	12.13	5.93	9.98	10.70	2.78	3.28	4.85	8.28	9.96	11.04	2.06	90.71
1945	Below Normal	1.53	1.25	1.91	3.06	3.36	4.62	8.02	11.91	20.82	25.15	17.60	4.56	103.79
1946	Below Normal	14.63	2.97	4.80	8.04	8.65	6.55	8.02	11.74	20.52	24.79	17.35	4.50	132.56
1947	Dry	14.41	2.92	4.73	7.92	8.52	3.39	5.46	8.10	14.07	16.97	19.22	3.20	108.91
1948	Below Normal	2.41	2.03	3.24	5.35	5.80	1.28	4.39	6.26	10.78	12.99	9.23	2.55	66.31
1949	Dry	7.26	1.59	2.49	4.05	4.42	3.30	7.53	10.97	19.15	23.13	26.41	4.22	114.52
1950	Below Normal	3.19	2.73	4.41	7.37	7.94	2.82	4.15	6.14	10.58	12.74	9.06	2.51	73.64
1951	Above Normal	7.11	1.56	2.44	3.97	4.33	6.93	8.02	11.84	20.71	25.02	17.51	4.54	113.98
1952	Wet	6.56	10.93	4.77	7.99	8.60	9.72	12.22	18.19	31.98	38.68	26.91	6.79	183.34
1953	Wet	9.84	17.48	7.37	12.47	13.35	4.31	5.66	8.37	14.55	17.55	12.37	3.29	126.61
1954	Above Normal	4.95	7.17	3.35	5.55	6.00	4.46	5.69	8.32	14.46	17.45	11.06	3.28	91.74
1955	Dry	6.51	5.53	3.33	5.51	5.97	3.92	4.57	6.78	11.71	14.11	15.89	2.74	86.57
1956	Wet	2.05	1.72	2.70	4.42	4.81	9.70	10.79	15.11	26.51	32.06	18.07	5.71	133.65
1957	Above Normal	12.59	9.97	6.12	10.30	11.04	3.77	4.59	6.76	11.68	14.08	9.98	2.73	103.61
1958	Wet	2.05	7.58	2.70	4.41	4.80	8.70	11.24	17.92	31.51	38.11	26.51	6.69	162.22
1959	Below Normal	5.10	21.80	7.26	12.28	13.15	3.52	4.62	6.97	12.05	14.53	10.29	2.80	114.37
1960	Dry	8.19	1.76	2.78	4.55	4.95	2.32	4.33	6.41	11.06	13.32	9.02	2.61	71.30
1961	Dry	1.96	1.63	2.55	4.16	4.53	3.56	6.40	9.27	16.14	23.54	6.65	3.61	84.00
1962	Below Normal	2.72	2.32	3.71	6.18	6.67	4.32	5.75	8.56	14.88	17.95	12.64	3.36	89.06
1963	Wet	2.53	2.14	3.42	5.68	6.14	5.06	6.46	9.50	16.55	19.98	14.04	3.69	95.19
1964	Dry	2.78	11.08	3.81	6.34	6.85	4.22	4.91	7.28	12.61	15.20	17.16	2.91	95.15
1965	Wet	2.19	1.84	2.91	4.77	5.19	4.76	5.52	14.60	25.59	31.10	13.67	5.53	117.67
1966	Below Normal	15.99	5.60	5.91	9.93	10.66	5.17	6.26	9.16	15.94	19.24	13.53	3.57	120.96
1967	Wet	11.04	2.29	3.67	6.10	6.59	10.18	12.22	18.19	31.98	38.68	26.91	6.79	174.64
1968	Below Normal	6.06	21.25	7.37	12.47	13.35	3.78	4.92	7.39	12.79	15.42	10.91	2.95	118.66
1969	Wet	8.73	1.86	2.95	4.85	5.26	10.67	12.22	18.19	31.98	38.68	26.91	6.79	169.09
1970	Wet	5.92	21.39	7.37	12.47	13.35	6.44	8.02	11.71	20.47	24.73	16.16	4.49	152.52
1971	Wet	6.64	10.64	4.72	7.90	8.50	3.34	4.66	6.90	11.93	14.38	10.19	2.78	92.58
1972	Below Normal	7.34	2.51	2.75	4.51	4.90	4.94	5.60	8.14	14.13	17.05	12.02	3.21	87.10
1973	Above Normal	9.72	2.04	3.26	5.38	5.83	5.47	7.19	10.61	18.52	22.36	15.68	4.09	110.15
1974	Wet	3.09	2.64	4.26	7.12	7.67	8.58	11.13	15.76	27.66	33.45	12.16	5.94	139.46
1975	Wet	4.52	19.04	6.38	10.76	11.53	6.43	8.56	11.85	20.72	25.03	9.13	4.54	138.49
1976	Critical	3.44	14.06	4.78	8.00	8.60	1.31	1.61	2.36	3.87	5.91	3.50	1.15	58.59
1977	Critical	0.83	0.63	0.89	1.30	1.50	1.25	1.53	2.25	3.67	5.60	3.29	1.11	23.85
1978	Above Normal	0.80	0.60	0.84	1.22	1.42	7.30	12.22	18.19	31.98	38.68	26.91	6.79	146.95
1979	Below Normal	11.79	15.52	7.37	12.47	13.35	3.79	6.58	9.78	17.05	20.59	14.45	3.79	136.53
1980	Above Normal	11.86	2.44	3.92	6.54	7.06	8.73	10.06	14.97	26.25	31.74	22.14	5.66	151.37
1981	Dry	4.31	18.03	6.06	10.20	10.93	4.23	5.34	8.15	14.15	17.07	15.31	3.22	117.00
1982	Wet	2.42	2.05	3.26	5.39	5.84	10.06	12.22	18.19	31.98	38.68	26.91	6.79	163.79
1983	Wet	5.17	4.49	7.37	12.47	13.35	10.67	12.22	18.19	31.98	52.10	26.91	11.02	205.94
1984	Wet	5.17	4.49	7.37	12.47	13.35	6.94	8.02	11.91	20.82	25.16	17.61	4.59	137.90
1985	Dry	3.46	2.97	4.80	8.04	8.65	5.67	6.77	10.16	17.73	21.40	24.40	3.93	117.98
1986	Wet	2.97	2.53	4.08	6.81	7.34	5.35	7.88	11.71	20.48	24.74	17.32	4.49	115.70
1987	Dry	3.40	13.89	4.72	7.90	8.50	0.54	3.24	4.80	8.19	13.68	7.07	2.04	77.97
1988	Critical	1.52	1.23	1.89	3.02	3.32	0.54	0.72	1.05	1.54	1.78	1.51	0.67	18.79
1989	Dry	0.46	0.31	0.34	0.37	0.52	0.54	4.29	6.36	10.97	17.13	10.92	2.59	54.80
1990	Critical	1.94	1.62	2.53	4.12	4.49	0.54	0.72	1.05	1.54	1.78	1.51	0.67	22.51
1991	Critical	0.46	0.31	0.34	0.37	0.52	1.97	2.42	3.56	6.00	9.77	5.24	1.59	32.55
1992	Critical	1.17	0.93	1.38	2.15	2.40	2.26	3.23	4.78	8.15	13.61	7.04	2.03	49.13
1993	Above Normal	1.51	1.23	1.88	3.00	3.31	5.16	8.58	11.67	20.40	24.64	7.94	4.47	93.79
1994	Critical	8.84	8.39	4.70	7.87	8.47	6.41	7.29	10.74	18.74	23.89	9.23	4.14	118.71
1995	Wet	3.13	2.68	4.32	7.21	7.77	8.68	11.56	17.00	29.88	36.13	25.16	6.37	159.89
1996	Wet	12.24	13.24	6.89	11.64	12.46	6.85	9.60	13.52	23.68	28.63	8.62	5.15	152.52
1997	Wet	16.73	3.36	5.47	9.18	9.85	8.48	9.74	14.48	25.39	30.69	16.67	5.49	155.53
1998	Wet	6.14	15.44	5.86	9.85	10.57	9.54	12.22	18.19	31.98	38.68	26.91	6.79	192.17
1999	Wet	5.17	4.49	7.37	12.47	13.35	5.14	7.10	10.41	18.17	22.09	15.39	9.43	130.58
2000	Above Normal	7.12	2.60	4.18	6.99	7.53	4.92	6.86	10.04	17.52	21.15	14.84	3.88	107.63
2001	Dry	7.78	6.93	4.03	6.72	7.25	3.69	4.58	6.79	11.73	20.03	10.02	2.74	92.29
2002	Dry	2.06	1.72	2.71	4.42	4.81	4.51	5.26	7.59	13.15	15.85	17.92	3.02	83.02
2003	Above Normal	2.27	1.91	3.03	4.99	5.41	5.34	6.63	9.64	16.80	20.76	14.25	3.74	94.77
	Average	5.42	5.97	3.89	6.48	6.99	4.85	6.41	9.59	16.71	20.79	14.08	3.92	105.10
	Wet	6.08	7.06	4.83	8.09	8.70	7.72	9.60	14.38	25.21	31.00	19.16	5.81	147.63
	Above Normal	5.67	5.46	3.59	5.95	6.44	5.71	7.71	11.28	19.71	23.84	15.79	4.33	115.48
	Below Normal	6.83	6.95	4.39	7.33	7.90	3.75	5.34	8.21	14.26	17.20	12.13	3.66	97.95
	Dry	4.91	5.62	3.45	5.71	6.18	3.10	4.65	7.00	12.11	15.73	13.90	2.81	85.16
	Critical	2.89	3.46	2.26	3.67	4.01	1.68	2.07	3.04	5.07	7.37	3.91	1.39	40.82

Energy Use (GWh) At Pumping Plant at CVP Dos Amigos: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	5.17	22.14	7.37	12.47	13.35	9.04	11.53	16.45	28.85	34.91	21.56	6.15	188.99
1923	Below Normal	8.69	15.35	6.66	10.94	12.02	5.26	6.27	9.43	16.39	19.81	13.89	3.64	128.35
1924	Critical	10.84	2.33	3.78	6.29	6.77	1.36	1.66	2.45	4.02	6.23	3.59	1.18	50.50
1925	Dry	0.85	0.65	0.92	1.36	1.57	4.31	5.48	10.52	18.35	22.16	25.14	4.05	95.36
1926	Dry	3.07	2.62	4.22	7.06	7.60	2.34	2.78	4.10	6.96	8.35	9.17	1.78	60.05
1927	Wet	1.32	1.06	1.61	2.53	2.81	5.91	7.42	11.05	19.27	23.30	16.29	4.22	96.79
1928	Above Normal	3.23	12.45	4.44	7.43	7.98	3.78	5.76	8.63	14.97	18.08	12.72	3.37	102.84
1929	Critical	2.56	9.61	3.45	5.72	6.18	0.54	0.72	1.05	1.54	1.78	1.51	0.67	35.33
1930	Dry	0.46	0.31	0.34	0.37	0.52	1.62	2.76	4.07	6.90	8.29	9.09	1.77	36.50
1931	Critical	1.31	1.06	1.59	2.51	2.78	1.48	1.79	2.64	4.36	6.83	3.87	1.25	31.47
1932	Dry	0.91	0.70	1.00	1.50	1.71	2.48	2.89	4.33	7.31	11.59	6.33	1.83	42.58
1933	Critical	1.39	1.09	1.69	2.68	2.95	0.96	1.24	1.81	2.90	4.22	2.65	0.95	24.53
1934	Critical	0.68	0.50	0.66	0.92	1.09	1.52	1.84	2.71	4.48	7.05	3.97	1.27	26.69
1935	Below Normal	0.93	0.72	1.03	1.54	1.76	0.85	1.04	5.93	10.16	12.26	8.71	2.41	47.34
1936	Below Normal	6.30	1.49	2.35	3.82	4.15	4.83	5.55	8.30	14.38	17.37	12.22	3.24	84.00
1937	Below Normal	9.36	2.06	3.32	5.10	5.53	1.98	4.47	6.94	12.69	15.33	10.82	8.81	86.41
1938	Wet	2.23	1.83	2.71	4.43	4.82	10.67	12.22	18.19	31.98	38.68	26.91	6.79	161.46
1939	Dry	10.85	16.46	7.37	12.47	13.35	2.54	3.87	5.78	9.90	11.94	8.08	2.36	104.97
1940	Above Normal	1.80	1.45	2.29	3.71	4.04	4.60	6.46	9.89	17.20	20.79	14.57	3.80	90.60
1941	Wet	4.75	9.16	3.96	6.24	6.80	7.96	10.29	14.97	26.21	31.71	18.42	5.63	146.10
1942	Wet	14.08	7.67	6.06	9.80	10.91	8.93	11.45	16.00	29.05	35.16	18.72	6.19	174.02
1943	Wet	12.39	11.83	6.70	10.93	12.11	8.86	10.13	15.12	26.48	32.04	22.32	5.69	174.60
1944	Dry	8.11	13.87	6.12	10.30	11.02	3.04	3.55	5.29	9.03	10.88	11.73	2.19	95.13
1945	Below Normal	1.66	1.34	2.09	3.36	3.67	4.89	8.23	12.28	21.44	25.92	18.11	4.66	107.65
1946	Below Normal	14.55	3.03	4.95	8.30	8.90	6.82	8.35	12.29	21.45	25.94	18.12	4.66	137.36
1947	Dry	14.57	3.03	4.95	8.30	8.90	3.48	5.59	8.32	14.43	17.42	19.58	3.27	111.84
1948	Below Normal	2.47	2.08	3.33	5.50	5.95	1.28	4.38	6.25	10.76	12.96	9.22	2.55	66.73
1949	Dry	7.24	1.59	2.48	4.04	4.41	3.30	7.52	10.95	19.12	23.10	26.37	4.21	114.33
1950	Below Normal	3.19	2.73	4.40	7.36	7.93	2.85	4.18	6.20	10.68	12.87	9.15	2.53	74.07
1951	Above Normal	7.13	1.57	2.44	3.97	4.37	7.27	8.36	12.41	21.66	26.20	18.30	4.71	118.39
1952	Wet	6.74	11.04	5.00	8.39	8.72	10.05	12.22	18.14	31.91	38.59	26.85	6.77	184.42
1953	Wet	9.68	17.57	7.35	12.44	13.32	4.08	5.71	8.49	14.72	17.78	12.50	3.31	126.95
1954	Above Normal	4.66	7.11	3.40	5.63	6.07	4.51	5.75	8.41	14.61	17.63	11.05	3.31	92.14
1955	Dry	6.72	5.45	3.36	5.57	6.03	3.91	4.55	6.75	11.66	14.05	15.82	2.73	86.60
1956	Wet	2.05	1.71	2.69	4.40	4.79	9.70	10.79	15.68	27.47	33.24	23.15	5.88	141.55
1957	Above Normal	12.76	10.08	6.34	10.69	11.44	4.08	4.90	7.28	12.56	15.16	10.70	2.89	108.88
1958	Wet	2.20	7.68	2.90	4.77	5.16	9.04	11.58	17.11	30.07	36.36	25.31	6.41	158.59
1959	Below Normal	4.88	20.76	6.93	11.71	12.54	3.63	4.84	7.32	12.65	15.26	10.79	2.92	114.23
1960	Dry	8.47	1.84	2.92	4.80	5.20	2.31	4.32	6.40	11.03	13.29	7.41	2.60	70.59
1961	Dry	1.95	1.62	2.55	4.15	4.52	3.56	6.40	9.26	16.13	23.62	6.55	3.60	83.91
1962	Below Normal	2.72	2.31	3.71	6.17	6.67	4.65	6.08	9.11	15.81	19.10	13.41	3.52	93.26
1963	Wet	2.70	2.25	3.64	6.06	6.53	5.37	6.76	10.00	17.40	21.03	14.73	3.83	100.30
1964	Dry	2.94	11.11	4.01	6.69	7.20	4.23	4.92	7.30	12.64	15.24	17.20	2.92	96.40
1965	Wet	2.19	1.84	2.91	4.79	5.20	4.94	5.68	14.91	26.11	31.75	11.57	5.61	117.50
1966	Below Normal	16.09	5.40	6.03	10.15	10.86	5.42	6.50	9.57	16.64	20.10	14.10	3.69	124.55
1967	Wet	11.15	2.37	3.83	6.39	6.88	10.46	12.22	18.19	31.98	38.68	26.91	6.79	175.85
1968	Below Normal	7.58	19.73	7.37	12.47	13.35	3.78	5.21	7.88	13.63	16.46	11.60	3.10	122.16
1969	Wet	8.88	1.96	3.15	4.85	5.26	10.67	12.22	18.19	31.98	38.68	26.91	6.79	169.54
1970	Wet	6.50	20.81	7.37	12.47	13.35	6.50	8.36	12.27	21.43	25.91	16.97	4.66	156.60
1971	Wet	6.82	10.75	4.94	8.29	8.89	3.54	4.86	7.23	12.49	15.08	10.65	2.88	96.42
1972	Below Normal	7.37	2.61	2.88	4.74	5.13	4.94	5.61	8.15	14.14	17.06	12.03	3.21	87.87
1973	Above Normal	9.72	2.05	3.26	5.38	5.83	5.80	7.52	11.16	19.45	23.52	16.45	4.25	114.39
1974	Wet	3.26	2.75	4.48	7.51	8.06	8.72	11.21	15.95	27.95	33.82	10.94	5.97	140.62
1975	Wet	4.59	18.67	6.45	10.89	11.64	6.81	8.94	12.48	21.80	26.36	9.99	4.73	143.35
1976	Critical	3.63	14.27	5.03	8.44	9.05	1.30	1.60	2.35	3.85	5.78	3.57	1.14	60.01
1977	Critical	0.83	0.63	0.88	1.29	1.49	1.25	1.53	2.25	3.67	5.60	3.29	1.11	23.82
1978	Above Normal	0.80	0.60	0.84	1.22	1.42	7.11	12.22	17.80	31.30	37.86	24.10	6.65	141.92
1979	Below Normal	11.90	14.82	7.21	12.20	13.06	3.55	5.98	8.95	15.52	18.76	13.17	3.47	128.59
1980	Above Normal	10.20	2.21	3.58	5.55	6.01	8.75	10.08	15.55	27.25	32.97	22.96	5.84	150.95
1981	Dry	4.48	18.17	6.29	10.61	11.35	4.46	5.65	8.67	15.04	18.17	15.63	3.37	121.89
1982	Wet	2.58	2.15	3.47	5.75	6.20	10.27	12.22	18.19	31.98	38.68	26.91	6.79	165.19
1983	Wet	5.17	4.49	7.37	12.47	13.35	10.67	12.22	18.19	31.98	52.27	26.91	10.85	205.94
1984	Wet	5.17	4.49	7.37	12.47	13.35	6.94	8.36	12.47	21.78	26.34	18.39	4.76	141.89
1985	Dry	3.63	3.08	5.03	8.43	9.04	5.88	6.98	10.50	18.31	22.12	24.88	4.03	121.91
1986	Wet	3.07	2.60	4.22	7.05	7.58	5.24	7.88	11.71	21.43	25.92	18.10	4.66	119.46
1987	Dry	3.57	14.00	4.95	8.30	8.89	0.54	3.20	4.74	8.08	13.50	6.98	2.01	78.76
1988	Critical	1.50	1.22	1.87	2.98	3.28	0.54	0.72	1.05	1.54	1.78	1.51	0.67	18.66
1989	Dry	0.46	0.31	0.34	0.37	0.52	0.54	4.27	6.33	10.91	17.05	10.85	2.58	54.53
1990	Critical	1.93	1.61	2.52	4.10	4.47	0.54	0.72	1.05	1.54	1.78	1.51	0.67	22.44
1991	Critical	0.46	0.31	0.34	0.37	0.52	1.97	2.41	3.56	5.99	9.74	5.23	1.58	32.48
1992	Critical	1.17	0.93	1.38	2.14	2.40	2.25	3.19	4.72	8.05	13.44	6.96	2.01	48.64
1993	Above Normal	1.49	1.22	1.86	2.96	3.27	5.46	8.86	12.14	21.20	25.64	8.74	4.61	97.45
1994	Critical	8.98	8.39	4.89	8.20	8.80	6.43	7.32	10.77	18.81	24.16	9.15	4.15	120.05
1995	Wet	3.14	2.68	4.33	7.24	7.80	8.85	11.02	16.03	29.09	35.21	24.50	6.20	156.09
1996	Wet	12.14	12.11	6.71	11.34	12.12	7.31	9.51	13.47	23.55	28.49	8.71	5.09	150.55
1997	Wet	16.09	3.34	5.44	8.74	9.39	8.81	10.08	15.05	26.35	31.88	16.69	5.66	157.52
1998	Wet	6.37	15.50	6.09	10.25	10.97	9.69	11.99	17.74	31.19	37.72	26.25	6.63	190.39
1999	Wet	5.05	4.38	7.19	12.16	13.02	5.17	7.47	11.03	19.22	23.38	16.25	9.60	133.92
2000	Above Normal	7.37	2.72	4.43	7.41	7.96	5.23	7.17	10.56	18.40	22.24	15.57	4.04	113.10
2001	Dry	7.92	7.04	4.24	7.09	7.62	3.69	4.58	6.79	11.73	20.04	10.03	2.74	93.51
2002	Dry	2.06	1.72	2.71	4.43	4.82	4.51	5.26	7.59	13.15	15.85	17.92	3.02	83.04
2003	Above Normal	2.27	1.91	3.03	4.99	5.41	5.45	6.74	9.82	17.11	21.15	14.49	3.79	96.16
	Average	5.47	5.95	3.97	6.57	7.09	4.97	6.51	9.76	17.04	21.20	14.19	3.97	106.71
	Wet	6.17	7.03	4.92	8.18	8.81	7.89	9.72	14.53	25.57	31.46	19.30	5.86	149.45
	Above Normal	5.55	5.46	3.61	5.95	6.43	5.92	7.95	11.68	20.38	24.68	15.93	4.45	117.98
	Below Normal	6.98	6.75	4.45	7.38	7.97	3.91	5.48	8.47	14.74	17.80	12.52	3.74	100.18
	Dry	4.90	5.75	3.54	5.88	6.35	3.15	4.70	7.09	12.26	15.93	13.82	2.84	86.22
	Critical	2.94	3.50	2.34	3.80	4.15	1.68	2.06	3.03	5.06	7.37	3.90	1.39	41.22

Difference in Energy Use (GWh) At Pumping Plant at CVP Dos Amigos: Alternative4_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	0.33	0.33	0.53	0.90	1.11	(2.00)	0.16	0.11
1923	Below Normal	0.16	0.07	0.21	0.07	0.37	0.27	0.26	0.45	0.76	0.95	0.62	0.13	0.36
1924	Critical	0.03	0.08	0.18	0.32	0.31	0.00	0.00	0.01	0.01	0.02	0.01	0.00	0.08
1925	Dry	0.00	0.00	0.00	0.00	0.01	0.08	0.08	0.16	0.27	0.32	0.24	0.05	0.10
1926	Dry	0.05	0.04	0.06	0.11	0.11	(0.01)	(0.01)	(0.02)	(0.02)	(0.03)	(0.03)	(0.01)	0.02
1927	Wet	0.00	(0.01)	0.00	(0.01)	(0.01)	0.34	0.34	0.56	0.97	1.20	0.79	0.18	0.36
1928	Above Normal	0.17	0.12	0.23	0.39	0.39	0.19	0.20	0.33	0.55	0.68	0.46	0.10	0.32
1929	Critical	0.10	0.06	0.13	0.22	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00
1931	Critical	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
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.33	0.34	0.56	0.94	1.16	0.78	0.17	0.36
1933	Critical	0.16	0.11	0.22	0.38	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11
1934	Critical	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.02)	(0.03)	(0.06)	(0.03)	(0.01)	(0.02)
1935	Below Normal	0.00	0.00	(0.01)	(0.02)	(0.02)	0.31	0.32	0.52	0.89	1.11	0.74	0.15	0.33
1936	Below Normal	0.15	0.11	0.21	0.37	0.37	0.33	0.33	0.55	0.95	1.17	0.78	0.17	0.46
1937	Below Normal	0.16	0.11	0.23	0.00	0.00	0.32	(0.01)	0.13	0.93	1.16	0.77	0.15	0.33
1938	Wet	0.17	0.11	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1939	Dry	0.00	0.00	0.00	0.00	0.00	(0.18)	(0.30)	(0.40)	(0.75)	(0.89)	(2.25)	(0.17)	(0.41)
1940	Above Normal	(0.09)	(0.12)	(0.17)	(0.29)	(0.32)	0.49	0.51	0.83	1.43	1.75	1.18	0.27	0.46
1941	Wet	0.26	0.47	0.33	0.21	0.28	0.40	0.28	0.48	0.80	1.00	(3.01)	0.14	0.14
1942	Wet	0.48	(0.33)	0.20	(0.06)	0.33	0.28	0.27	(0.09)	0.79	0.99	0.70	0.14	0.31
1943	Wet	0.15	(0.01)	0.18	(0.06)	0.33	0.28	0.27	0.46	0.78	0.97	0.64	0.14	0.34
1944	Dry	(1.61)	1.74	0.19	0.32	0.32	0.26	0.27	0.44	0.75	0.92	0.69	0.13	0.37
1945	Below Normal	0.13	0.09	0.18	0.30	0.31	0.27	0.21	0.37	0.62	0.77	0.51	0.10	0.32
1946	Below Normal	(0.08)	0.06	0.15	0.26	0.25	0.27	0.33	0.55	0.93	1.15	0.77	0.16	0.40
1947	Dry	0.16	0.11	0.22	0.38	0.38	0.09	0.13	0.22	0.36	0.45	0.36	0.07	0.24
1948	Below Normal	0.06	0.05	0.09	0.15	0.15	0.00	(0.01)	(0.01)	(0.02)	(0.03)	(0.01)	0.00	0.04
1949	Dry	(0.02)	0.00	(0.01)	(0.01)	(0.01)	0.00	(0.01)	(0.02)	(0.03)	(0.03)	(0.04)	(0.01)	(0.02)
1950	Below Normal	0.00	0.00	(0.01)	(0.01)	(0.01)	0.03	0.03	0.06	0.10	0.13	0.09	0.02	0.04
1951	Above Normal	0.02	0.01	0.00	0.00	0.04	0.34	0.34	0.57	0.95	1.18	0.79	0.17	0.37
1952	Wet	0.18	0.11	0.23	0.40	0.12	0.33	0.00	(0.05)	(0.07)	(0.09)	(0.06)	(0.02)	0.09
1953	Wet	(0.16)	0.09	(0.02)	(0.03)	(0.03)	(0.23)	0.05	0.12	0.17	0.23	0.13	0.02	0.03
1954	Above Normal	(0.29)	(0.06)	0.05	0.08	0.07	0.05	0.06	0.09	0.15	0.18	(0.01)	0.03	0.03
1955	Dry	0.21	(0.08)	0.03	0.06	0.06	(0.01)	(0.02)	(0.03)	(0.05)	(0.06)	(0.07)	(0.01)	0.00
1956	Wet	0.00	(0.01)	(0.01)	(0.02)	(0.02)	0.00	0.00	0.57	0.96	1.18	5.08	0.17	0.66
1957	Above Normal	0.17	0.11	0.22	0.39	0.40	0.31	0.31	0.52	0.88	1.08	0.72	0.16	0.44
1958	Wet	0.15	0.10	0.20	0.36	0.36	0.34	0.34	(0.81)	(1.44)	(1.75)	(1.20)	(0.28)	(0.30)
1959	Below Normal	(0.22)	(1.04)	(0.33)	(0.57)	(0.61)	0.11	0.22	0.35	0.60	0.73	0.50	0.12	(0.01)
1960	Dry	0.28	0.08	0.14	0.25	0.25	(0.01)	(0.01)	(0.01)	(0.03)	(0.03)	(1.61)	(0.01)	(0.06)
1961	Dry	(0.01)	(0.01)	0.00	(0.01)	(0.01)	0.00	0.00	(0.01)	(0.01)	0.08	(0.10)	(0.01)	(0.01)
1962	Below Normal	0.00	(0.01)	0.00	(0.01)	0.00	0.33	0.33	0.55	0.93	1.15	0.77	0.16	0.35
1963	Wet	0.17	0.11	0.22	0.38	0.39	0.31	0.30	0.50	0.85	1.05	0.69	0.14	0.43
1964	Dry	0.16	0.03	0.20	0.35	0.35	0.01	0.01	0.02	0.03	0.04	0.04	0.01	0.10
1965	Wet	0.00	0.00	0.00	0.02	0.01	0.18	0.16	0.31	0.52	0.65	(2.10)	0.08	(0.01)
1966	Below Normal	0.10	(0.20)	0.12	0.22	0.20	0.25	0.24	0.41	0.70	0.86	0.57	0.12	0.30
1967	Wet	0.11	0.08	0.16	0.29	0.29	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.10
1968	Below Normal	1.52	(1.52)	0.00	0.00	0.00	0.00	0.29	0.49	0.84	1.04	0.69	0.15	0.29
1969	Wet	0.15	0.10	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1970	Wet	0.58	(0.58)	0.00	0.00	0.00	0.06	0.34	0.56	0.96	1.18	0.81	0.17	0.34
1971	Wet	0.18	0.11	0.22	0.39	0.39	0.20	0.20	0.33	0.56	0.70	0.46	0.10	0.32
1972	Below Normal	0.03	0.10	0.13	0.23	0.23	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.06
1973	Above Normal	0.00	0.01	0.00	0.00	0.00	0.33	0.33	0.55	0.93	1.16	0.77	0.16	0.35
1974	Wet	0.17	0.11	0.22	0.39	0.39	0.14	0.08	0.19	0.29	0.37	(1.22)	0.03	0.10
1975	Wet	0.07	(0.37)	0.07	0.13	0.11	0.38	0.38	0.63	1.08	1.33	0.86	0.19	0.41
1976	Critical	0.19	0.21	0.25	0.44	0.45	(0.01)	(0.01)	(0.01)	(0.02)	(0.13)	0.07	(0.01)	0.12
1977	Critical	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.19)	0.00	(0.39)	(0.68)	(0.82)	(2.81)	(0.14)	(0.42)
1979	Below Normal	0.11	(0.70)	(0.16)	(0.27)	(0.29)	(0.24)	(0.60)	(0.83)	(1.53)	(1.83)	(1.28)	(0.32)	(0.66)
1980	Above Normal	(1.66)	(0.23)	(0.34)	(0.99)	(1.05)	0.02	0.02	0.58	1.00	1.23	0.82	0.18	(0.04)
1981	Dry	0.17	0.14	0.23	0.41	0.42	0.23	0.31	0.52	0.89	1.10	0.32	0.15	0.41
1982	Wet	0.16	0.10	0.21	0.36	0.36	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.12
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	(0.17)	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.56	0.96	1.18	0.78	0.17	0.33
1985	Dry	0.17	0.11	0.23	0.39	0.39	0.21	0.21	0.34	0.58	0.72	0.48	0.10	0.33
1986	Wet	0.10	0.07	0.14	0.24	0.24	(0.11)	0.00	0.00	0.95	1.18	0.78	0.17	0.31
1987	Dry	0.17	0.11	0.23	0.40	0.39	0.00	(0.04)	(0.06)	(0.11)	(0.18)	(0.09)	(0.03)	0.07
1988	Critical	(0.02)	(0.01)	(0.02)	(0.04)	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.03)	(0.06)	(0.08)	(0.07)	(0.01)	(0.02)
1990	Critical	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.03)	(0.01)	(0.01)	(0.01)
1992	Critical	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.04)	(0.06)	(0.10)	(0.17)	(0.08)	(0.02)	(0.04)
1993	Above Normal	(0.02)	(0.01)	(0.02)	(0.04)	(0.04)	0.30	0.28	0.47	0.80	1.00	0.80	0.14	0.31
1994	Critical	0.14	0.00	0.19	0.33	0.33	0.02	0.03	0.03	0.07	0.27	(0.08)	0.01	0.11
1995	Wet	0.01	0.00	0.01	0.03	0.03	0.17	(0.54)	(0.97)	(0.79)	(0.92)	(0.66)	(0.17)	(0.32)
1996	Wet	(0.10)	(1.13)	(0.18)	(0.30)	(0.34)	0.46	(0.09)	(0.05)	(0.13)	(0.14)	0.09	(0.06)	(0.16)
1997	Wet	(0.64)	(0.02)	(0.03)	(0.44)	(0.46)	0.33	0.34	0.57	0.96	1.19	0.02	0.17	0.17
1998	Wet	0.23	0.06	0.23	0.40	0.40	0.15	(0.23)	(0.45)	(0.79)	(0.96)	(0.66)	(0.16)	(0.15)
1999	Wet	(0.12)	(0.11)	(0.18)	(0.31)	(0.33)	0.03	0.37	0.62	1.05	1.29	0.86	0.17	0.28
2000	Above Normal	0.25	0.12	0.25	0.42	0.43	0.31	0.31	0.52	0.88	1.09	0.73	0.16	0.46
2001	Dry	0.14	0.11	0.21	0.37	0.37	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.10
2002	Dry	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.11	0.11	0.18	0.31	0.39	0.24	0.05	0.12
	Average	0.04	(0.01)	0.07	0.09	0.10	0.13	0.11	0.17	0.33	0.41	0.12	0.05	0.13
	Wet	0.09	(0.04)	0.09	0.09	0.11	0.17	0.12	0.16	0.36	0.46	0.15	0.05	0.15
	Above Normal	(0.12)	(0.00)	0.02	(0.00)	(0.01)	0.22	0.23	0.40	0.68	0.84	0.14	0.12	0.21
	Below Normal	0.15	(0.21)	0.06	0.05	0.07	0.16	0.14	0.26	0.48	0.60	0.40	0.08	0.19
	Dry	(0.01)	0.13	0.10	0.17	0.17	0.06	0.05	0.09	0.15	0.19	(0.07)	0.02	0.09
	Critical	0.05	0.04	0.08	0.13	0.14	(0.00)	(0.00)	(0.00)	(0.01)	(0.01)	(0.01)	(0.00)	0.03

Percent Difference in Energy Use (GWh) At Pumping Plant at CVP Dos Amigos: Alternative4_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%	4%	3%	3%	3%	3%	-8%	3%
1923	Below Normal	2%	0%	3%	1%	3%	5%	4%	5%	5%	5%	5%	4%
1924	Critical	0%	4%	5%	5%	5%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	1%	2%	1%	2%	1%	1%	1%	1%
1926	Dry	2%	2%	1%	2%	1%	0%	0%	0%	0%	0%	0%	-1%
1927	Wet	0%	-1%	0%	0%	0%	6%	5%	5%	5%	5%	5%	4%
1928	Above Normal	6%	1%	5%	6%	5%	5%	4%	4%	4%	4%	4%	3%
1929	Critical	4%	1%	4%	4%	4%	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%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	15%	13%	15%	15%	11%	14%	10%
1933	Critical	13%	11%	15%	17%	15%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%
1935	Below Normal	0%	0%	-1%	-1%	-1%	57%	44%	10%	10%	10%	9%	7%
1936	Below Normal	2%	8%	10%	11%	10%	7%	6%	7%	7%	7%	7%	6%
1937	Below Normal	2%	6%	7%	0%	0%	19%	0%	2%	8%	8%	8%	2%
1938	Wet	8%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	-7%	-7%	-6%	-7%	-7%	-22%	-7%
1940	Above Normal	-5%	-8%	-7%	-7%	-7%	12%	9%	9%	9%	9%	9%	8%
1941	Wet	6%	5%	9%	3%	4%	5%	3%	3%	3%	3%	-14%	3%
1942	Wet	4%	-4%	3%	-1%	3%	3%	2%	-1%	3%	3%	4%	2%
1943	Wet	1%	0%	3%	-1%	3%	3%	3%	3%	3%	3%	3%	3%
1944	Dry	-17%	14%	3%	3%	3%	9%	8%	9%	9%	9%	6%	6%
1945	Below Normal	8%	7%	9%	10%	9%	6%	3%	3%	3%	3%	3%	2%
1946	Below Normal	-1%	2%	3%	3%	3%	4%	4%	5%	5%	5%	4%	4%
1947	Dry	1%	4%	5%	5%	4%	3%	2%	3%	3%	3%	2%	2%
1948	Below Normal	2%	2%	3%	3%	3%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%
1951	Above Normal	0%	1%	0%	0%	1%	5%	4%	5%	5%	5%	5%	4%
1952	Wet	3%	1%	5%	5%	1%	3%	0%	0%	0%	0%	0%	0%
1953	Wet	-2%	1%	0%	0%	0%	-5%	1%	1%	1%	1%	1%	1%
1954	Above Normal	-6%	-1%	1%	1%	1%	1%	1%	1%	1%	1%	0%	1%
1955	Dry	3%	-1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	-1%	0%	0%	0%	0%	0%	4%	4%	4%	28%	3%
1957	Above Normal	1%	1%	4%	4%	4%	8%	7%	8%	8%	8%	7%	6%
1958	Wet	7%	1%	7%	8%	8%	4%	3%	-5%	-5%	-5%	-5%	-4%
1959	Below Normal	-4%	-5%	-5%	-5%	-5%	3%	5%	5%	5%	5%	5%	4%
1960	Dry	3%	5%	5%	5%	5%	0%	0%	0%	0%	0%	-18%	0%
1961	Dry	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1962	Below Normal	0%	0%	0%	0%	0%	8%	6%	6%	6%	6%	6%	5%
1963	Wet	7%	5%	6%	7%	6%	6%	5%	5%	5%	5%	5%	4%
1964	Dry	6%	0%	5%	6%	5%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	4%	3%	2%	2%	2%	-15%	1%
1966	Below Normal	1%	-4%	2%	2%	2%	5%	4%	4%	4%	4%	4%	3%
1967	Wet	1%	3%	4%	5%	4%	3%	0%	0%	0%	0%	0%	0%
1968	Below Normal	25%	-7%	0%	0%	0%	0%	6%	7%	7%	7%	6%	5%
1969	Wet	2%	5%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	10%	-3%	0%	0%	0%	1%	4%	5%	5%	5%	5%	4%
1971	Wet	3%	1%	5%	5%	5%	6%	4%	5%	5%	5%	5%	4%
1972	Below Normal	0%	4%	5%	5%	5%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	6%	5%	5%	5%	5%	5%	4%
1974	Wet	6%	4%	5%	5%	5%	2%	1%	1%	1%	1%	-10%	1%
1975	Wet	2%	-2%	1%	1%	1%	6%	4%	5%	5%	5%	9%	4%
1976	Critical	6%	1%	5%	5%	5%	-1%	-1%	0%	-1%	-2%	2%	-1%
1977	Critical	0%	0%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	-3%	0%	-2%	-2%	-2%	-10%	-2%
1979	Below Normal	1%	-5%	-2%	-2%	-2%	-6%	-9%	-8%	-9%	-9%	-9%	-8%
1980	Above Normal	-14%	-9%	-9%	-15%	-15%	0%	0%	4%	4%	4%	4%	3%
1981	Dry	4%	1%	4%	4%	4%	5%	6%	6%	6%	6%	2%	5%
1982	Wet	7%	5%	6%	7%	6%	2%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1984	Wet	0%	0%	0%	0%	0%	0%	4%	5%	5%	5%	4%	4%
1985	Dry	5%	4%	5%	5%	5%	4%	3%	3%	3%	3%	2%	3%
1986	Wet	3%	3%	3%	4%	3%	-2%	0%	0%	5%	5%	5%	4%
1987	Dry	5%	1%	5%	5%	5%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1988	Critical	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	-1%	0%
1990	Critical	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1992	Critical	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1993	Above Normal	-1%	-1%	-1%	-1%	-1%	6%	3%	4%	4%	4%	10%	3%
1994	Critical	2%	0%	4%	4%	4%	0%	0%	0%	0%	1%	-1%	0%
1995	Wet	0%	0%	0%	0%	0%	2%	-5%	-6%	-3%	-3%	-3%	-3%
1996	Wet	-1%	-9%	-3%	-3%	-3%	7%	-1%	0%	-1%	0%	1%	-1%
1997	Wet	-4%	-1%	-1%	-5%	-5%	4%	3%	4%	4%	4%	0%	3%
1998	Wet	4%	0%	4%	4%	4%	2%	-2%	-2%	-2%	-2%	-2%	-2%
1999	Wet	-2%	-2%	-2%	-2%	-2%	1%	5%	6%	6%	6%	6%	2%
2000	Above Normal	4%	5%	6%	6%	6%	6%	5%	5%	5%	5%	5%	4%
2001	Dry	2%	2%	5%	6%	5%	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%	2%	2%	2%	2%	2%	2%	1%
	Average	2%	1%	2%	2%	2%	3%	2%	2%	2%	2%	1%	1%
	Wet	2%	1%	2%	2%	2%	2%	2%	2%	2%	2%	1%	1%
	Above Normal	-1%	-1%	0%	-1%	-1%	4%	3%	4%	4%	4%	3%	3%
	Below Normal	3%	1%	2%	2%	2%	8%	5%	3%	4%	4%	4%	2%
	Dry	1%	2%	2%	2%	2%	2%	1%	2%	2%	1%	-1%	1%
	Critical	2%	1%	2%	3%	2%	0%	0%	0%	0%	0%	0%	0%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	20.13	37.34	50.02	27.96	8.26	48.45	0.00	0.00	0.00	0.00	0.00	10.58	202.74
1923	Below Normal	19.00	53.07	49.54	39.02	30.53	17.02	0.00	0.00	0.00	0.00	0.00	17.25	225.43
1924	Critical	31.47	43.47	43.39	50.00	9.48	0.00	0.00	0.00	0.00	0.00	0.00	8.08	185.89
1925	Dry	16.74	10.07	55.15	50.96	28.82	19.56	0.00	0.00	0.00	0.00	0.00	3.76	185.06
1926	Dry	17.88	42.19	41.44	34.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.44	146.47
1927	Wet	14.35	51.10	52.21	31.54	52.11	33.42	0.00	0.00	0.00	0.00	0.00	16.74	251.47
1928	Above Normal	7.91	9.52	59.39	40.54	7.54	42.28	0.00	0.00	0.00	0.00	0.00	6.08	173.26
1929	Critical	6.88	14.89	52.92	36.10	26.62	17.71	0.00	0.00	0.00	0.00	17.64	4.82	177.58
1930	Dry	13.36	23.62	40.86	33.45	28.98	10.11	0.00	0.00	0.00	0.00	0.00	0.00	150.38
1931	Critical	18.63	32.95	43.36	48.43	41.06	0.00	0.00	0.00	0.00	0.00	0.00	6.98	191.41
1932	Dry	14.05	18.29	66.20	55.22	20.46	0.00	0.00	0.00	0.00	0.00	1.83	39.18	215.23
1933	Critical	29.04	37.48	50.84	2.26	1.29	3.44	0.00	0.00	0.00	0.00	32.14	31.38	187.87
1934	Critical	19.90	27.64	12.20	1.48	0.87	0.00	0.00	0.00	0.00	0.00	9.25	7.64	78.98
1935	Below Normal	1.70	28.23	59.49	42.06	0.96	2.81	0.00	0.00	0.00	0.00	0.00	18.96	154.21
1936	Below Normal	31.83	42.90	59.81	18.54	1.53	4.62	0.00	0.00	0.00	0.00	0.00	23.46	182.69
1937	Below Normal	27.30	41.07	63.31	42.81	1.93	3.85	4.73	0.00	0.00	0.00	0.00	23.82	208.82
1938	Wet	15.93	52.01	58.78	2.78	1.73	5.84	2.68	11.55	0.00	0.00	0.00	9.93	161.23
1939	Dry	14.19	0.00	46.31	25.45	19.18	1.50	0.00	0.00	0.00	0.00	0.00	10.10	116.73
1940	Above Normal	9.39	23.96	18.44	21.05	30.03	46.00	0.00	0.00	0.00	0.00	0.00	8.15	157.02
1941	Wet	5.80	14.03	41.14	49.13	56.40	48.85	0.00	0.00	0.00	0.00	0.00	12.22	227.57
1942	Wet	7.57	46.46	48.41	52.46	43.99	37.01	0.00	0.00	0.00	0.00	0.00	8.89	244.79
1943	Wet	9.31	47.97	41.61	51.12	39.08	62.66	0.00	0.00	0.00	0.00	0.00	9.31	261.06
1944	Dry	4.71	23.06	35.82	27.16	22.09	12.34	0.00	0.00	0.00	0.00	0.00	2.35	127.53
1945	Below Normal	11.17	43.59	51.24	49.48	60.82	47.26	0.00	0.00	0.00	0.00	0.00	15.31	278.87
1946	Below Normal	29.77	50.76	66.39	56.87	49.93	23.27	0.00	0.00	0.00	0.00	0.00	11.48	288.47
1947	Dry	30.31	50.97	64.28	51.32	30.12	0.00	0.00	0.00	0.00	0.00	0.00	10.20	237.20
1948	Below Normal	13.73	37.56	39.42	15.33	0.00	16.32	0.00	0.00	0.00	0.00	0.00	16.86	139.22
1949	Dry	27.65	44.05	56.80	42.21	35.48	3.31	0.00	0.00	0.00	0.00	0.00	11.87	221.37
1950	Below Normal	16.10	31.35	41.24	13.20	10.00	28.66	0.00	0.00	0.00	0.00	0.00	17.56	158.11
1951	Above Normal	33.41	53.62	78.61	55.63	1.77	5.36	0.00	0.00	0.00	0.00	0.00	16.08	244.48
1952	Wet	11.05	42.00	47.50	57.92	44.98	61.11	0.00	0.00	0.00	0.00	0.00	9.64	274.20
1953	Wet	4.82	26.90	48.30	19.86	16.43	29.75	0.00	0.00	0.00	0.00	0.00	15.57	161.63
1954	Above Normal	0.00	38.04	55.71	16.72	14.37	26.35	0.00	0.00	0.00	0.00	0.00	14.23	165.42
1955	Dry	6.67	36.52	59.40	46.22	37.50	12.37	0.00	0.00	0.00	0.00	0.00	8.03	206.71
1956	Wet	8.32	38.43	66.54	76.64	66.98	6.04	0.00	0.00	0.00	0.00	0.00	11.98	274.93
1957	Above Normal	10.94	53.10	47.75	27.60	0.00	18.62	0.00	0.00	0.00	0.00	1.22	8.48	167.71
1958	Wet	25.93	50.15	47.53	29.20	46.27	41.38	0.00	0.00	0.00	0.00	0.00	7.32	247.78
1959	Below Normal	7.90	21.56	37.74	3.79	4.62	26.44	0.00	0.00	0.00	0.00	0.71	5.87	108.63
1960	Dry	12.76	26.13	43.14	37.60	14.36	14.54	0.00	0.00	0.00	0.00	0.00	10.52	159.05
1961	Dry	11.88	27.66	53.91	40.81	10.94	27.79	0.00	0.00	0.00	0.00	0.37	15.97	189.33
1962	Below Normal	5.11	24.51	21.53	30.39	21.13	31.79	0.00	0.00	0.00	0.00	0.00	11.15	145.61
1963	Wet	26.49	51.28	47.21	25.21	24.25	30.21	0.00	0.00	0.00	0.00	0.00	20.43	225.08
1964	Dry	3.92	51.86	67.45	44.97	22.90	14.79	0.00	0.00	0.00	0.00	0.00	2.53	208.42
1965	Wet	4.62	19.47	40.84	61.15	54.81	47.42	0.00	0.00	0.00	0.00	0.00	9.91	238.22
1966	Below Normal	4.18	50.70	54.28	41.66	28.24	17.88	0.00	0.00	0.00	0.00	0.00	12.83	209.77
1967	Wet	19.57	36.43	49.60	48.43	37.86	29.58	0.00	0.00	0.00	0.00	0.00	6.98	228.45
1968	Below Normal	12.00	10.72	38.42	22.55	0.00	26.36	0.00	0.00	0.00	0.00	0.00	5.54	115.59
1969	Wet	16.60	38.35	62.41	66.69	73.65	6.00	7.09	8.19	0.00	0.00	0.00	0.00	278.98
1970	Wet	20.32	0.00	47.70	56.62	48.18	27.50	0.00	0.00	0.00	0.00	0.00	15.59	215.91
1971	Wet	8.47	9.43	46.73	33.13	21.91	37.08	0.00	0.00	0.00	0.00	1.00	16.94	174.69
1972	Below Normal	15.02	21.56	62.08	41.96	8.30	6.22	0.00	0.00	0.00	0.00	0.00	10.25	165.39
1973	Above Normal	12.53	50.99	51.88	36.38	52.75	43.17	0.00	0.00	0.00	0.00	0.00	1.26	248.96
1974	Wet	7.30	51.25	62.36	66.22	40.12	45.07	0.00	0.00	0.00	0.00	0.00	9.98	282.30
1975	Wet	18.53	49.48	52.65	28.17	11.42	43.26	0.00	0.00	0.00	0.00	0.00	12.41	215.92
1976	Critical	24.71	32.09	55.43	37.46	43.40	32.53	0.00	0.00	0.00	0.00	0.00	0.00	225.62
1977	Critical	3.26	25.41	26.81	27.42	40.42	0.00	0.00	0.00	0.00	0.00	13.85	0.00	137.17
1978	Above Normal	1.95	6.54	24.64	31.39	63.39	60.68	0.00	0.00	0.00	0.00	0.00	9.65	198.24
1979	Below Normal	11.92	19.31	50.99	36.35	33.71	62.00	0.00	0.00	0.00	0.00	0.00	3.74	218.02
1980	Above Normal	32.42	33.80	65.96	75.82	40.19	5.96	0.00	0.00	0.00	0.00	0.00	0.00	254.15
1981	Dry	4.49	23.85	40.22	27.36	15.76	8.77	0.00	0.00	0.00	0.00	0.00	4.71	125.16
1982	Wet	20.77	37.72	44.12	46.24	57.12	40.39	12.06	0.00	0.00	0.00	0.00	10.63	269.05
1983	Wet	41.50	59.92	68.86	60.90	3.73	6.02	6.82	7.97	8.65	0.00	0.00	31.24	295.61
1984	Wet	61.89	29.07	6.06	6.01	3.71	5.48	0.00	0.00	0.00	0.00	0.00	17.55	129.77
1985	Dry	15.77	50.64	65.81	41.46	29.42	17.07	0.00	0.00	0.00	0.00	0.00	14.56	234.73
1986	Wet	27.01	51.95	56.95	16.99	61.08	61.86	1.30	0.00	0.00	0.00	0.00	0.00	277.14
1987	Dry	0.00	0.00	35.43	30.21	20.52	16.70	0.00	0.00	0.00	0.00	0.00	2.22	105.08
1988	Critical	21.30	25.93	35.44	26.47	0.00	0.00	0.00	0.00	0.00	0.00	20.50	0.00	129.64
1989	Dry	4.13	31.49	37.42	49.82	8.72	0.00	0.00	0.00	0.00	0.00	0.00	3.65	135.23
1990	Critical	3.42	18.83	28.37	34.38	15.06	0.00	0.00	0.00	0.00	0.58	3.56	0.00	104.20
1991	Critical	9.26	19.15	23.63	14.02	12.76	0.00	0.00	0.00	0.00	0.00	0.00	0.28	79.10
1992	Critical	11.16	20.00	22.30	15.38	12.48	17.07	0.00	0.00	0.00	0.00	11.75	0.00	110.14
1993	Above Normal	1.73	19.13	31.79	39.45	46.00	34.34	0.00	0.00	0.00	0.00	0.00	11.94	184.38
1994	Critical	14.45	34.03	58.50	30.83	22.31	6.45	0.00	0.00	0.00	0.00	0.38	2.83	169.78
1995	Wet	1.82	24.21	27.25	21.37	31.86	52.81	0.00	16.35	0.00	0.00	0.00	10.77	186.44
1996	Wet	0.00	2.13	26.49	11.99	31.01	60.10	0.00	0.00	0.00	0.00	0.00	11.03	142.75
1997	Wet	2.58	46.19	56.43	58.24	54.42	38.25	0.00	0.00	0.00	0.00	0.00	9.83	265.94
1998	Wet	0.88	5.83	36.29	19.76	42.03	53.88	0.00	0.00	0.00	0.00	0.00	10.39	169.06
1999	Wet	25.74	49.46	51.90	41.91	44.68	54.80	0.00	0.00	0.00	0.00	0.00	3.91	272.40
2000	Above Normal	0.65	45.18	44.67	16.91	46.90	49.30	0.00	0.00	0.00	0.00	0.00	14.37	217.98
2001	Dry	5.92	43.25	48.20	38.97	21.41	20.84	0.00	0.00	0.00	0.00	0.00	1.72	180.31
2002	Dry	17.62	25.12	49.32	30.34	20.77	12.60	0.00	0.00	0.00	0.00	0.00	10.29	166.06
2003	Above Normal	17.10	33.34	36.12	20.10	27.50	21.58	0.00	0.00	0.00	0.00	0.00	6.69	162.43
	Average	14.36	32.60	47.03	35.80	26.99	23.80	0.42	0.54	0.11	0.01	1.39	10.06	193.11
	Wet	15.66	35.82	47.53	39.99	38.84	37.15	1.15	1.69	0.33	0.00	0.04	11.51	229.71
	Above Normal	12.35	33.71	47.08	34.13	28.23	33.51	0.00	0.00	0.00	0.00	0.10	8.96	198.06
	Below Normal	14.77	34.06	49.68	32.43	17.98	22.46	0.34	0.00	0.00	0.00	0.05	13.86	185.63
	Dry	12.34	29.38	50.40	39.34	21.52	10.68	0.00	0.00	0.00	0.00	0.12	9.01	172.78
	Critical	16.12	27.66	37.77	27.02	18.81	6.43	0.00	0.00	0.00	0.05	9.09	5.17	148.12

Energy Use (GWh) At Pumping Plant at CVP San Luis: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	20.13	37.34	50.02	27.96	7.82	48.42	0.00	0.00	0.00	0.00	0.00	10.60	202.29
1923	Below Normal	19.03	53.23	49.57	37.89	29.23	17.13	0.00	0.00	0.00	0.00	0.00	17.30	223.38
1924	Critical	31.54	43.50	43.46	50.17	9.69	0.00	0.00	0.00	0.00	0.00	0.00	8.12	186.48
1925	Dry	16.79	10.01	55.12	50.95	28.81	19.53	0.00	0.00	0.00	0.00	0.00	3.76	184.97
1926	Dry	17.88	42.19	41.39	34.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.43	146.37
1927	Wet	14.37	51.11	52.23	31.57	52.15	33.42	0.00	0.00	0.00	0.00	0.00	16.73	251.58
1928	Above Normal	7.92	9.50	59.38	40.53	7.53	42.28	0.00	0.00	0.00	0.00	0.00	6.08	173.22
1929	Critical	6.88	14.86	52.88	36.10	26.62	17.70	0.00	0.00	0.00	0.00	17.63	4.83	177.50
1930	Dry	13.37	23.64	40.85	33.44	28.98	10.10	0.00	0.00	0.00	0.00	0.00	0.00	150.38
1931	Critical	18.64	32.98	43.35	48.44	41.09	0.00	0.00	0.00	0.00	0.00	0.00	6.99	191.49
1932	Dry	14.07	18.25	66.20	55.22	20.31	0.00	0.00	0.00	0.00	0.00	1.98	39.14	215.17
1933	Critical	29.02	37.44	52.19	2.25	1.29	3.44	0.00	0.00	0.00	0.00	32.14	31.45	189.22
1934	Critical	19.99	27.71	12.16	1.55	0.91	0.00	0.00	0.00	0.00	0.00	6.36	7.67	76.35
1935	Below Normal	1.55	27.61	59.06	45.50	0.94	2.78	0.00	0.00	0.00	0.00	0.00	18.88	156.32
1936	Below Normal	31.60	42.54	66.88	10.24	1.53	4.62	0.00	0.00	0.00	0.00	0.00	23.48	180.89
1937	Below Normal	27.35	41.12	63.27	42.62	1.93	3.85	4.71	0.00	0.00	0.00	0.00	23.46	208.31
1938	Wet	15.66	50.97	69.45	6.74	2.67	25.10	0.00	0.00	0.00	0.00	0.00	8.94	179.53
1939	Dry	13.52	0.00	39.33	22.86	17.10	1.77	0.00	0.00	0.00	0.00	0.00	9.44	104.02
1940	Above Normal	11.13	24.37	18.58	22.40	31.70	45.86	0.00	0.00	0.00	0.00	0.00	9.04	163.08
1941	Wet	5.69	15.93	41.47	48.83	55.74	44.35	0.00	0.00	0.00	0.00	0.00	11.90	223.91
1942	Wet	8.32	50.37	48.51	52.64	41.76	37.07	0.00	0.00	0.00	0.00	0.00	8.96	247.63
1943	Wet	9.36	47.81	41.69	51.10	34.31	59.38	0.00	0.00	0.00	0.00	0.00	9.35	253.00
1944	Dry	3.71	22.42	35.73	27.26	22.25	12.25	0.00	0.00	0.00	0.00	0.00	2.36	125.98
1945	Below Normal	11.13	43.36	51.12	49.29	45.35	57.90	0.00	0.00	0.00	0.00	0.00	15.48	273.63
1946	Below Normal	29.92	50.88	65.32	53.92	49.93	25.95	0.00	0.00	0.00	0.00	0.00	13.14	289.06
1947	Dry	30.29	50.94	64.27	51.37	30.11	0.00	0.00	0.00	0.00	0.00	0.00	10.11	237.09
1948	Below Normal	13.65	37.23	36.86	15.23	0.00	16.32	0.00	0.00	0.00	0.00	0.00	16.86	136.15
1949	Dry	27.63	44.04	56.38	42.17	35.45	3.30	0.00	0.00	0.00	0.00	0.00	11.89	220.86
1950	Below Normal	16.12	31.36	41.26	13.22	10.03	28.66	0.00	0.00	0.00	0.00	0.00	17.57	158.22
1951	Above Normal	33.41	53.63	78.13	55.17	1.77	5.36	0.00	0.00	0.00	0.00	0.00	16.08	243.55
1952	Wet	11.06	42.05	47.51	57.89	44.57	37.90	0.00	0.00	0.00	0.00	0.00	10.51	251.49
1953	Wet	5.27	62.33	52.51	13.29	17.55	32.14	0.00	0.00	0.00	0.00	0.00	16.84	199.93
1954	Above Normal	0.00	40.73	57.07	17.76	15.37	26.53	0.00	0.00	0.00	0.00	0.00	14.25	171.71
1955	Dry	6.45	37.53	59.62	46.36	37.96	12.49	0.00	0.00	0.00	0.00	0.00	7.97	208.38
1956	Wet	8.31	37.25	61.40	69.98	76.84	6.04	0.00	0.00	0.00	0.00	0.00	11.93	271.75
1957	Above Normal	10.87	52.73	47.69	27.55	0.00	18.60	0.00	0.00	0.00	0.00	1.22	8.48	167.14
1958	Wet	25.91	50.13	47.50	29.19	46.24	41.36	0.00	0.00	0.00	0.00	0.00	7.53	247.86
1959	Below Normal	8.02	36.99	38.31	4.94	5.97	26.26	0.00	0.00	0.00	0.00	0.28	6.41	127.18
1960	Dry	12.69	25.77	42.95	37.33	14.03	14.56	0.00	0.00	0.00	0.00	0.00	10.49	157.82
1961	Dry	11.77	27.66	53.90	40.83	10.97	27.80	0.00	0.00	0.00	0.00	0.38	15.96	189.27
1962	Below Normal	5.16	24.54	21.52	30.41	21.15	31.79	0.00	0.00	0.00	0.00	0.00	11.15	145.72
1963	Wet	26.49	51.28	47.21	25.20	22.80	30.27	0.00	0.00	0.00	0.00	0.00	20.50	223.75
1964	Dry	3.97	51.91	67.53	45.10	23.05	14.77	0.00	0.00	0.00	0.00	0.00	2.54	208.87
1965	Wet	4.61	19.46	40.84	58.44	46.21	47.27	0.00	0.00	0.00	0.00	0.00	10.11	226.94
1966	Below Normal	4.32	50.31	54.51	40.97	28.33	17.90	0.00	0.00	0.00	0.00	0.00	12.80	209.14
1967	Wet	19.58	36.44	49.61	48.45	35.34	29.68	0.00	0.00	0.00	0.00	0.00	7.33	226.43
1968	Below Normal	10.48	30.77	37.94	22.48	0.00	26.37	0.00	0.00	0.00	0.00	0.00	5.53	133.57
1969	Wet	16.56	38.15	62.34	58.20	81.83	25.70	3.95	10.86	0.00	0.00	0.00	2.72	300.31
1970	Wet	19.61	0.00	47.22	56.03	47.68	23.04	0.00	0.00	0.00	0.00	0.00	15.59	209.17
1971	Wet	9.00	9.00	46.79	33.19	21.94	37.17	0.00	0.00	0.00	0.00	1.07	17.07	175.23
1972	Below Normal	15.06	21.68	62.19	42.04	8.35	6.21	0.00	0.00	0.00	0.00	0.00	10.27	165.80
1973	Above Normal	12.53	50.99	51.88	36.37	52.73	43.17	0.00	0.00	0.00	0.00	0.00	6.71	254.38
1974	Wet	7.31	51.26	62.36	58.77	38.66	44.13	0.00	0.00	0.00	0.00	0.00	10.32	272.81
1975	Wet	18.85	48.70	53.00	28.80	12.15	43.22	0.00	0.00	0.00	0.00	0.00	12.35	217.07
1976	Critical	24.69	32.35	55.40	37.36	43.27	32.56	0.00	0.00	0.00	0.00	0.00	0.00	225.63
1977	Critical	3.43	25.38	26.78	27.45	40.40	0.00	0.00	0.00	0.00	0.00	12.96	0.00	136.40
1978	Above Normal	2.30	6.55	24.53	31.27	53.83	57.28	0.00	0.00	0.00	0.00	0.00	7.68	183.44
1979	Below Normal	9.60	52.25	50.41	34.46	32.85	56.97	0.00	0.00	0.00	0.00	0.00	5.44	241.98
1980	Above Normal	34.33	44.87	71.07	68.56	2.09	5.96	0.00	0.00	0.00	0.00	0.00	7.93	234.81
1981	Dry	6.59	33.27	53.17	30.24	17.23	9.63	0.00	0.00	0.00	0.00	0.00	4.59	154.72
1982	Wet	20.83	38.13	44.23	46.32	52.09	39.15	19.19	0.00	0.00	0.00	0.00	10.40	270.34
1983	Wet	25.46	57.20	65.66	107.39	32.37	37.73	20.24	13.10	9.01	0.00	0.00	31.66	399.82
1984	Wet	61.93	32.45	37.78	12.70	3.71	5.51	0.00	0.00	0.00	0.00	0.00	17.55	171.63
1985	Dry	15.78	50.64	65.81	41.46	29.42	17.07	0.00	0.00	0.00	0.00	0.00	14.55	234.73
1986	Wet	27.02	51.95	56.95	16.99	53.91	68.10	1.30	0.00	0.00	0.00	0.00	0.00	276.22
1987	Dry	0.00	0.00	34.85	30.10	20.43	16.62	0.00	0.00	0.00	0.00	0.00	2.21	104.21
1988	Critical	21.35	26.04	35.71	26.59	0.00	0.00	0.00	0.00	0.00	0.00	20.43	0.00	130.12
1989	Dry	4.17	31.21	37.38	49.74	8.69	0.00	0.00	0.00	0.00	0.00	0.00	2.94	134.13
1990	Critical	3.43	18.80	28.17	34.38	15.09	0.00	0.00	0.00	0.00	0.57	0.00	1.24	101.68
1991	Critical	8.73	18.99	23.53	13.79	12.54	0.00	0.00	0.00	0.00	0.00	0.00	0.27	77.85
1992	Critical	11.06	20.18	22.07	14.97	12.46	17.03	0.00	0.00	0.00	0.00	11.81	0.00	109.58
1993	Above Normal	1.72	19.17	31.85	39.55	46.01	32.32	0.00	0.00	0.00	0.00	0.00	12.02	182.64
1994	Critical	14.53	33.92	58.95	31.01	22.51	6.40	0.00	0.00	0.00	0.00	0.38	2.84	170.54
1995	Wet	1.83	24.19	27.24	21.15	26.42	42.96	0.00	0.00	0.00	0.00	0.00	8.44	152.23
1996	Wet	0.00	26.69	27.10	13.19	32.75	42.01	0.00	0.00	0.00	0.00	0.00	11.55	153.29
1997	Wet	1.68	46.22	54.23	59.13	55.66	38.33	0.00	0.00	0.00	0.00	0.00	9.84	265.09
1998	Wet	0.95	5.77	36.30	19.77	35.33	52.89	0.00	0.00	0.00	0.00	0.00	10.87	161.88
1999	Wet	26.03	49.66	52.31	42.72	45.69	54.77	0.00	0.00	0.00	0.00	0.00	3.82	275.00
2000	Above Normal	0.69	45.26	44.69	16.83	46.75	49.19	0.00	0.00	0.00	0.00	0.00	14.29	217.70
2001	Dry	5.84	42.93	48.85	38.92	21.40	20.81	0.00	0.00	0.00	0.00	0.00	1.72	180.47
2002	Dry	17.60	25.08	49.30	30.32	20.73	12.59	0.00	0.00	0.00	0.00	0.00	10.17	165.79
2003	Above Normal	17.11	33.33	36.09	20.10	27.49	21.59	0.00	0.00	0.00	0.00	0.00	6.66	162.37
	Average	14.17	34.47	47.68	35.94	26.32	24.00	0.60	0.29	0.11	0.01	1.30	10.29	195.19
	Wet	15.07	38.25	48.98	41.06	39.09	37.64	1.72	0.92	0.35	0.00	0.04	11.65	234.77
	Above Normal	12.68	34.87	47.58	33.67	24.42	33.05	0.00	0.00	0.00	0.00	0.10	9.99	196.36
	Below Normal	14.50	38.85	49.87	31.66	16.83	23.05	0.34	0.00	0.00	0.00	0.02	14.13	189.24
	Dry	12.34	29.86	50.70	39.34	21.50	10.74	0.00	0.00	0.00	0.00	0.13	8.90	173.51
	Critical	16.11	27.68	37.89	27.01	18.82	6.43	0.00	0.00	0.00	0.05	8.48	5.28	147.74

Difference in Energy Use (GWh) At Pumping Plant at CVP San Luis: Alternative4_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	(0.44)	(0.03)	0.00	0.00	0.00	0.00	0.00	0.02	(0.04)
1923	Below Normal	0.03	0.16	0.03	(1.13)	(1.30)	0.11	0.00	0.00	0.00	0.00	0.00	0.05	(0.17)
1924	Critical	0.07	0.03	0.07	0.17	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05
1925	Dry	0.05	(0.06)	(0.03)	(0.01)	(0.01)	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1926	Dry	0.00	0.00	(0.05)	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)
1927	Wet	0.02	0.01	0.02	0.03	0.04	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.01
1928	Above Normal	0.01	(0.02)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	(0.03)	(0.04)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.01)	0.01	(0.01)
1930	Dry	0.01	0.02	(0.01)	(0.01)	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.01	0.03	(0.01)	0.01	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
1932	Dry	0.02	(0.04)	0.00	0.00	(0.15)	0.00	0.00	0.00	0.00	0.00	0.15	(0.04)	(0.01)
1933	Critical	(0.02)	(0.04)	1.35	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.11
1934	Critical	0.09	0.07	(0.04)	0.07	0.04	0.00	0.00	0.00	0.00	0.00	(2.89)	0.03	(0.22)
1935	Below Normal	(0.15)	(0.62)	(0.43)	3.44	(0.02)	(0.03)	0.00	0.00	0.00	0.00	0.00	(0.08)	0.18
1936	Below Normal	(0.23)	(0.36)	7.07	(8.30)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	(0.15)
1937	Below Normal	0.05	0.05	(0.04)	(0.19)	0.00	0.00	(0.02)	0.00	0.00	0.00	0.00	(0.36)	(0.04)
1938	Wet	(0.27)	(1.04)	10.67	3.96	0.94	19.26	(2.68)	(11.55)	0.00	0.00	0.00	(0.99)	1.53
1939	Dry	(0.67)	0.00	(6.98)	(2.59)	(2.08)	0.27	0.00	0.00	0.00	0.00	0.00	(0.66)	(1.06)
1940	Above Normal	1.74	0.41	0.14	1.35	1.67	(0.14)	0.00	0.00	0.00	0.00	0.00	0.89	0.50
1941	Wet	(0.11)	1.90	0.33	(0.30)	(0.66)	(4.50)	0.00	0.00	0.00	0.00	0.00	(0.32)	(0.31)
1942	Wet	0.75	3.91	0.10	0.18	(2.23)	0.06	0.00	0.00	0.00	0.00	0.00	0.07	0.24
1943	Wet	0.05	(0.16)	0.08	(0.02)	(4.77)	(3.28)	0.00	0.00	0.00	0.00	0.00	0.04	(0.67)
1944	Dry	(1.00)	(0.64)	(0.09)	0.10	0.16	(0.09)	0.00	0.00	0.00	0.00	0.00	0.01	(0.13)
1945	Below Normal	(0.04)	(0.23)	(0.12)	(0.19)	(15.47)	10.64	0.00	0.00	0.00	0.00	0.00	0.17	(0.44)
1946	Below Normal	0.15	0.12	(1.07)	(2.95)	0.00	2.68	0.00	0.00	0.00	0.00	0.00	1.66	0.05
1947	Dry	(0.02)	(0.03)	(0.01)	0.05	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.09)	(0.01)
1948	Below Normal	(0.08)	(0.33)	(2.56)	(0.10)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.26)
1949	Dry	(0.02)	(0.01)	(0.42)	(0.04)	(0.03)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.02	(0.04)
1950	Below Normal	0.02	0.01	0.02	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
1951	Above Normal	0.00	0.01	(0.48)	(0.46)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)
1952	Wet	0.01	0.05	0.01	(0.03)	(0.41)	(23.21)	0.00	0.00	0.00	0.00	0.00	0.87	(1.89)
1953	Wet	0.45	35.43	4.21	(6.57)	1.12	2.39	0.00	0.00	0.00	0.00	0.00	1.27	3.19
1954	Above Normal	0.00	2.69	1.36	1.04	1.00	0.18	0.00	0.00	0.00	0.00	0.00	0.02	0.52
1955	Dry	(0.22)	1.01	0.22	0.14	0.46	0.12	0.00	0.00	0.00	0.00	0.00	(0.06)	0.14
1956	Wet	(0.01)	(1.18)	(5.14)	(6.66)	9.86	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	(0.27)
1957	Above Normal	(0.07)	(0.37)	(0.06)	(0.05)	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)
1958	Wet	(0.02)	(0.02)	(0.03)	(0.01)	(0.03)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.21	0.01
1959	Below Normal	0.12	15.43	0.57	1.15	1.35	(0.18)	0.00	0.00	0.00	0.00	(0.43)	0.54	1.55
1960	Dry	(0.07)	(0.36)	(0.19)	(0.27)	(0.33)	0.02	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.10)
1961	Dry	(0.11)	0.00	(0.01)	0.02	0.03	0.01	0.00	0.00	0.00	0.00	0.01	(0.01)	(0.01)
1962	Below Normal	0.05	0.03	(0.01)	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1963	Wet	0.00	0.00	0.00	(0.01)	(1.45)	0.06	0.00	0.00	0.00	0.00	0.00	0.07	(0.11)
1964	Dry	0.05	0.05	0.08	0.13	0.15	(0.02)	0.00	0.00	0.00	0.00	0.00	0.01	0.04
1965	Wet	(0.01)	(0.01)	0.00	(2.71)	(8.60)	(0.15)	0.00	0.00	0.00	0.00	0.00	0.20	(0.94)
1966	Below Normal	0.14	(0.39)	0.23	(0.69)	0.09	0.02	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.05)
1967	Wet	0.01	0.01	0.01	0.02	(2.52)	0.10	0.00	0.00	0.00	0.00	0.00	0.35	(0.17)
1968	Below Normal	(1.52)	20.05	(0.48)	(0.07)	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	1.50
1969	Wet	(0.04)	(0.20)	(0.07)	(8.49)	8.18	19.70	(3.14)	2.67	0.00	0.00	0.00	2.72	1.78
1970	Wet	(0.71)	0.00	(0.48)	(0.59)	(0.50)	(4.46)	0.00	0.00	0.00	0.00	0.00	0.00	(0.56)
1971	Wet	0.53	(0.43)	0.06	0.06	0.03	0.09	0.00	0.00	0.00	0.00	0.07	0.13	0.05
1972	Below Normal	0.04	0.12	0.11	0.08	0.05	(0.01)	0.00	0.00	0.00	0.00	0.00	0.02	0.03
1973	Above Normal	0.00	0.00	0.00	(0.01)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	5.45	0.45
1974	Wet	0.01	0.01	0.00	(7.45)	(1.46)	(0.94)	0.00	0.00	0.00	0.00	0.00	0.34	(0.79)
1975	Wet	0.32	(0.78)	0.35	0.63	0.73	(0.04)	0.00	0.00	0.00	0.00	0.00	(0.06)	0.10
1976	Critical	(0.02)	0.26	(0.03)	(0.10)	(0.13)	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.17	(0.03)	(0.03)	0.03	(0.02)	0.00	0.00	0.00	0.00	0.00	(0.89)	0.00	(0.06)
1978	Above Normal	0.35	0.01	(0.11)	(0.12)	(9.56)	(3.40)	0.00	0.00	0.00	0.00	0.00	(1.97)	(1.23)
1979	Below Normal	(2.32)	32.94	(0.58)	(1.89)	(0.86)	(5.03)	0.00	0.00	0.00	0.00	0.00	1.70	2.00
1980	Above Normal	1.91	11.07	5.11	(7.26)	(38.10)	0.00	0.00	0.00	0.00	0.00	0.00	7.93	(1.61)
1981	Dry	2.10	9.42	12.95	2.88	1.47	0.86	0.00	0.00	0.00	0.00	0.00	(0.12)	2.46
1982	Wet	0.06	0.41	0.11	0.08	(5.03)	(1.24)	7.13	0.00	0.00	0.00	0.00	(0.23)	0.11
1983	Wet	(16.04)	(2.72)	(3.20)	46.49	28.64	31.71	13.42	5.13	0.36	0.00	0.00	0.42	8.68
1984	Wet	0.04	3.38	31.72	6.69	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	3.49
1985	Dry	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1986	Wet	0.01	0.00	0.00	0.00	(7.17)	6.24	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)
1987	Dry	0.00	0.00	(0.58)	(0.11)	(0.09)	(0.08)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.07)
1988	Critical	0.05	0.11	0.27	0.12	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	0.00	0.04
1989	Dry	0.04	(0.28)	(0.04)	(0.08)	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	(0.71)	(0.09)
1990	Critical	0.01	(0.03)	(0.20)	0.00	0.03	0.00	0.00	0.00	0.00	(0.01)	(3.56)	1.24	(0.21)
1991	Critical	(0.53)	(0.16)	(0.10)	(0.23)	(0.22)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.10)
1992	Critical	(0.10)	0.18	(0.23)	(0.41)	(0.02)	(0.04)	0.00	0.00	0.00	0.00	0.06	0.00	(0.05)
1993	Above Normal	(0.01)	0.04	0.06	0.10	0.01	(2.02)	0.00	0.00	0.00	0.00	0.00	0.08	(0.15)
1994	Critical	0.08	(0.11)	0.45	0.18	0.20	(0.05)	0.00	0.00	0.00	0.00	0.00	0.01	0.06
1995	Wet	0.01	(0.02)	(0.01)	(0.22)	(5.44)	(9.85)	0.00	(16.35)	0.00	0.00	0.00	(2.33)	(2.85)
1996	Wet	0.00	24.56	0.61	1.20	1.74	(18.09)	0.00	0.00	0.00	0.00	0.00	0.52	0.88
1997	Wet	(0.90)	0.03	(2.20)	0.89	1.24	0.08	0.00	0.00	0.00	0.00	0.00	0.01	(0.07)
1998	Wet	0.07	(0.06)	0.01	0.01	(6.70)	(0.99)	0.00	0.00	0.00	0.00	0.00	0.48	(0.60)
1999	Wet	0.29	0.20	0.41	0.81	1.01	(0.03)	0.00	0.00	0.00	0.00	0.00	(0.09)	0.22
2000	Above Normal	0.04	0.08	0.02	(0.08)	(0.15)	(0.11)	0.00	0.00	0.00	0.00	0.00	(0.08)	(0.02)
2001	Dry	(0.08)	(0.32)	0.65	(0.05)	(0.01)	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.01
2002	Dry	(0.02)	(0.04)	(0.02)	(0.02)	(0.04)	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.12)	(0.02)
2003	Above Normal	0.01	(0.01)	(0.03)	0.00	(0.01)	0.01	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.01)
	Average	(0.19)	1.87	0.65	0.14	(0.68)	0.20	0.18	(0.25)	0.00	(0.00)	(0.09)	0.23	0.17
	Wet	(0.60)	2.43	1.45	1.08	0.25	0.50	0.57	(0.77)	0.01	0.00	0.00	0.14	0.42
	Above Normal	0.33	1.16	0.50	(0.46)	(3.80)	(0.46)	0.00	0.00	0.00	0.00	0.00	1.03	(0.14)
	Below Normal	(0.27)	4.78	0.20	(0.77)	(1.15)	0.59	(0.00)	0.00	0.00	0.00	(0.03)	0.26	0.30
	Dry	0.00	0.48	0.30	0.01	(0.03)	0.06	0.00	0.00	0.00	0.00	0.01	(0.10)	0.06
	Critical	(0.02)	0.02	0.12	(0.01)	0.01	(0.01)	0.00	0.00	0.00	(0.00)	(0.61)	0.12	(0.03)

Percent Difference in Energy Use (GWh) At Pumping Plant at CVP San Luis: Alternative4_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%	-5%	0%	0%	0%	0%	0%	0%	0%
1923	Below Normal	0%	0%	0%	-3%	-4%	1%	0%	0%	0%	0%	0%	0%
1924	Critical	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	-1%	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%	-1%	0%	0%	0%	0%	0%	8%	0%
1933	Critical	0%	0%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	0%	5%	5%	0%	0%	0%	0%	0%	-31%	0%
1935	Below Normal	-9%	-2%	-1%	8%	-2%	-1%	0%	0%	0%	0%	0%	0%
1936	Below Normal	-1%	-1%	12%	-45%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1938	Wet	-2%	-2%	18%	142%	54%	330%	-100%	-100%	0%	0%	0%	-10%
1939	Dry	-5%	0%	-15%	-10%	-11%	18%	0%	0%	0%	0%	0%	-7%
1940	Above Normal	19%	2%	1%	6%	6%	0%	0%	0%	0%	0%	0%	11%
1941	Wet	-2%	14%	1%	-1%	-1%	-9%	0%	0%	0%	0%	0%	-3%
1942	Wet	10%	8%	0%	0%	-5%	0%	0%	0%	0%	0%	0%	1%
1943	Wet	1%	0%	0%	0%	-12%	-5%	0%	0%	0%	0%	0%	0%
1944	Dry	-21%	-3%	0%	0%	1%	-1%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	-1%	0%	0%	-25%	23%	0%	0%	0%	0%	0%	1%
1946	Below Normal	1%	0%	-2%	-5%	0%	12%	0%	0%	0%	0%	0%	14%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
1948	Below Normal	-1%	-1%	-6%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	-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%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	-1%	-38%	0%	0%	0%	0%	0%	9%
1953	Wet	9%	132%	9%	-33%	7%	8%	0%	0%	0%	0%	0%	8%
1954	Above Normal	0%	7%	2%	6%	7%	1%	0%	0%	0%	0%	0%	0%
1955	Dry	-3%	3%	0%	0%	1%	1%	0%	0%	0%	0%	0%	-1%
1956	Wet	0%	-3%	-8%	-9%	15%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1959	Below Normal	2%	72%	2%	30%	29%	-1%	0%	0%	0%	0%	-61%	9%
1960	Dry	-1%	-1%	0%	-1%	-2%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%
1962	Below Normal	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	-6%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	-4%	-16%	0%	0%	0%	0%	0%	0%	2%
1966	Below Normal	3%	-1%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	-7%	0%	0%	0%	0%	0%	0%	5%
1968	Below Normal	-13%	187%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	-1%	0%	-13%	11%	328%	-44%	33%	0%	0%	0%	-
1970	Wet	-3%	0%	-1%	-1%	-1%	-16%	0%	0%	0%	0%	0%	0%
1971	Wet	6%	-5%	0%	0%	0%	0%	0%	0%	0%	0%	7%	1%
1972	Below Normal	0%	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	433%
1974	Wet	0%	0%	0%	-11%	-4%	-2%	0%	0%	0%	0%	0%	3%
1975	Wet	2%	-2%	1%	2%	6%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-6%	0%
1978	Above Normal	18%	0%	0%	0%	-15%	-6%	0%	0%	0%	0%	0%	-20%
1979	Below Normal	-19%	171%	-1%	-5%	-3%	-8%	0%	0%	0%	0%	0%	45%
1980	Above Normal	6%	33%	8%	-10%	-95%	0%	0%	0%	0%	0%	0%	-
1981	Dry	47%	39%	32%	11%	9%	10%	0%	0%	0%	0%	0%	-3%
1982	Wet	0%	1%	0%	0%	-9%	-3%	59%	0%	0%	0%	0%	-2%
1983	Wet	-39%	-5%	-5%	76%	768%	527%	197%	64%	4%	0%	0%	1%
1984	Wet	0%	12%	523%	111%	0%	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%	-12%	10%	0%	0%	0%	0%	0%	0%
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%	0%	0%	0%
1989	Dry	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-19%
1990	Critical	0%	0%	-1%	0%	0%	0%	0%	0%	0%	-2%	-100%	-
1991	Critical	-6%	-1%	0%	-2%	-2%	0%	0%	0%	0%	0%	0%	-4%
1992	Critical	-1%	1%	-1%	-3%	0%	0%	0%	0%	0%	0%	1%	0%
1993	Above Normal	-1%	0%	0%	0%	0%	-6%	0%	0%	0%	0%	0%	1%
1994	Critical	1%	0%	1%	1%	1%	-1%	0%	0%	0%	0%	0%	0%
1995	Wet	1%	0%	0%	-1%	-17%	-19%	0%	-100%	0%	0%	0%	-22%
1996	Wet	0%	>1,000%	2%	10%	6%	-30%	0%	0%	0%	0%	0%	5%
1997	Wet	-35%	0%	-4%	2%	2%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	8%	-1%	0%	0%	-16%	-2%	0%	0%	0%	0%	0%	5%
1999	Wet	1%	0%	1%	2%	2%	0%	0%	0%	0%	0%	0%	-2%
2000	Above Normal	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
2001	Dry	-1%	-1%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	8%	7%	3%	8%	14%	1%	-1%	0%	0%	-2%	6%
	Wet	-2%	6%	21%	11%	29%	42%	4%	-4%	0%	0%	0%	0%
	Above Normal	4%	3%	1%	0%	-9%	-1%	0%	0%	0%	0%	0%	35%
	Below Normal	-3%	30%	0%	-2%	0%	2%	0%	0%	0%	0%	-4%	5%
	Dry	1%	2%	1%	0%	0%	1%	0%	0%	0%	0%	1%	-2%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-11%	0%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.55	0.85	0.97	0.00	0.00	0.55	0.00	0.00	0.15	0.01	0.13	0.31	3.52
1923	Below Normal	0.00	0.86	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.51	1.73
1924	Critical	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.74
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.20
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.28	0.00	1.44
1928	Above Normal	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	1.32
1929	Critical	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00	1.92
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81	1.82
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.00	0.82
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	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.81
1937	Below Normal	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.72
1938	Wet	0.00	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.07	0.00	1.10
1939	Dry	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.31	0.00	1.21
1941	Wet	0.00	0.00	0.00	0.00	0.86	0.81	0.00	0.00	0.00	0.06	0.17	0.27	2.17
1942	Wet	0.00	0.88	0.03	0.97	0.83	0.78	0.00	0.00	0.00	0.01	0.13	0.30	3.93
1943	Wet	0.00	0.86	0.00	0.97	0.82	0.79	0.00	0.00	0.00	0.06	0.17	0.32	3.99
1944	Dry	0.00	0.00	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47
1945	Below Normal	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.24	0.36	1.70
1946	Below Normal	0.72	0.90	0.99	0.00	0.84	0.00	0.00	0.00	0.00	0.15	0.24	0.00	3.84
1947	Dry	0.73	0.90	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	2.90
1948	Below Normal	0.00	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	1.29
1949	Dry	0.87	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.40	1.62
1950	Below Normal	0.00	0.91	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	2.47
1951	Above Normal	0.88	0.94	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.36	3.42
1952	Wet	0.00	0.00	0.00	0.98	0.00	0.76	0.00	0.00	0.09	0.00	0.07	0.28	2.18
1953	Wet	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.33	0.54	2.11
1954	Above Normal	0.00	0.86	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.55	2.53
1955	Dry	0.00	0.49	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	1.81
1956	Wet	0.00	0.00	1.00	0.99	0.00	0.00	0.00	0.00	0.00	0.04	0.16	0.32	2.51
1957	Above Normal	0.00	0.87	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	1.42
1958	Wet	0.86	0.94	0.00	0.00	0.00	0.78	0.00	0.00	0.10	0.00	0.08	0.28	3.04
1959	Below Normal	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.37	0.00	1.44
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	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	1.49
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.33
1963	Wet	0.81	0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.48	2.44
1964	Dry	0.00	0.92	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.00	2.23
1965	Wet	0.00	0.00	0.00	0.99	0.37	0.77	0.00	0.00	0.00	0.06	0.17	0.32	2.68
1966	Below Normal	0.00	0.88	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.31	0.00	2.41
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.07	0.00	0.16
1968	Below Normal	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.36	0.00	1.63
1969	Wet	0.00	0.00	1.00	0.03	0.87	0.00	0.00	0.00	0.09	0.00	0.07	0.00	2.06
1970	Wet	0.00	0.00	0.00	0.96	0.81	0.00	0.00	0.00	0.00	0.00	0.24	0.36	2.37
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.37	0.00	0.57
1972	Below Normal	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.34	0.00	1.57
1973	Above Normal	0.00	0.93	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.15	0.27	0.00	1.64
1974	Wet	0.00	0.91	0.55	0.33	0.00	0.79	0.00	0.00	0.00	0.02	0.14	0.31	3.05
1975	Wet	0.00	0.87	0.98	0.00	0.00	0.84	0.00	0.00	0.00	0.15	0.24	0.36	3.44
1976	Critical	0.72	0.00	0.99	0.00	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.23
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.89	0.82	0.00	0.00	0.00	0.00	0.07	0.17	1.95
1979	Below Normal	0.00	0.00	0.91	0.00	0.81	0.91	0.00	0.00	0.00	0.22	0.29	0.00	3.14
1980	Above Normal	0.78	0.00	0.99	0.98	0.00	0.00	0.00	0.00	0.00	0.04	0.16	0.00	2.95
1981	Dry	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	1.26
1982	Wet	0.82	0.93	0.00	0.00	0.86	0.75	0.00	0.00	0.09	0.00	0.07	0.28	3.80
1983	Wet	0.55	0.85	0.97	0.60	0.00	0.00	0.00	0.00	0.09	0.00	0.07	0.28	3.41
1984	Wet	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.24	0.35	1.29
1985	Dry	0.00	0.90	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.44	2.54
1986	Wet	0.53	0.91	0.16	0.00	0.85	0.00	0.00	0.00	0.00	0.16	0.24	0.00	2.85
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	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00	1.47
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.40
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.24	0.36	0.76
1994	Critical	0.00	0.47	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.46
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.78	0.00	0.00	0.12	0.00	0.11	0.29	1.30
1996	Wet	0.00	0.00	0.00	0.00	0.85	0.83	0.00	0.00	0.00	0.09	0.20	0.34	2.31
1997	Wet	0.00	0.88	0.98	0.97	0.84	0.00	0.00	0.00	0.00	0.00	0.17	0.33	4.17
1998	Wet	0.00	0.00	0.98	0.00	0.83	0.76	0.00	0.00	0.09	0.00	0.07	0.28	3.01
1999	Wet	0.55	0.85	0.00	0.00	0.81	0.88	0.00	0.00	0.00	0.20	0.28	0.00	3.57
2000	Above Normal	0.00	0.91	0.00	0.00	0.89	0.88	0.00	0.00	0.00	0.00	0.29	0.45	3.42
2001	Dry	0.00	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	1.23
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.35	0.00	0.65
2003	Above Normal	0.00	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.30	0.00	1.46
	Average	0.14	0.34	0.37	0.11	0.17	0.18	0.00	0.00	0.01	0.08	0.16	0.17	1.72
	Wet	0.18	0.45	0.29	0.30	0.37	0.40	0.00	0.00	0.03	0.07	0.16	0.24	2.50
	Above Normal	0.18	0.52	0.41	0.08	0.17	0.26	0.00	0.00	0.01	0.05	0.25	0.18	2.13
	Below Normal	0.07	0.37	0.50	0.00	0.12	0.07	0.00	0.00	0.00	0.11	0.18	0.24	1.65
	Dry	0.09	0.23	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.02	0.12	1.02
	Critical	0.17	0.04	0.25	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.75

Energy Use (GWh) At Pumping Plant at DMC Intertie: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.55	0.85	0.97	0.00	0.00	0.54	0.00	0.00	0.15	0.01	0.14	0.31	3.52
1923	Below Normal	0.00	0.87	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.51	1.74
1924	Critical	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.74
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.20
1926	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1927	Wet	0.00	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.27	0.00	1.43
1928	Above Normal	0.00	0.00	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	1.32
1929	Critical	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00	1.92
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81	1.82
1933	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.00	0.82
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	0.23	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	1.56
1937	Below Normal	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.72
1938	Wet	0.00	0.94	1.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.07	0.00	2.10
1939	Dry	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.47
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.30	0.00	1.20
1941	Wet	0.00	0.00	0.00	0.00	0.86	0.81	0.00	0.00	0.00	0.06	0.17	0.26	2.16
1942	Wet	0.00	0.88	0.03	0.97	0.83	0.79	0.00	0.00	0.00	0.01	0.13	0.31	3.95
1943	Wet	0.00	0.86	0.00	0.97	0.83	0.79	0.00	0.00	0.00	0.06	0.17	0.32	4.00
1944	Dry	0.00	0.00	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47
1945	Below Normal	0.00	0.95	0.00	0.00	0.00	0.89	0.00	0.00	0.00	0.16	0.24	0.36	2.60
1946	Below Normal	0.73	0.90	0.99	0.00	0.85	0.00	0.00	0.00	0.00	0.15	0.24	0.00	3.86
1947	Dry	0.73	0.90	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	2.90
1948	Below Normal	0.00	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	1.30
1949	Dry	0.87	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.40	1.56
1950	Below Normal	0.00	0.91	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	2.47
1951	Above Normal	0.88	0.94	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.36	3.42
1952	Wet	0.00	0.00	0.00	0.98	0.00	0.76	0.00	0.00	0.09	0.00	0.08	0.28	2.19
1953	Wet	0.00	0.85	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.34	0.57	3.01
1954	Above Normal	0.00	0.70	0.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.54	2.36
1955	Dry	0.00	0.58	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	1.91
1956	Wet	0.00	0.00	1.00	0.99	0.85	0.00	0.00	0.00	0.00	0.04	0.16	0.32	3.36
1957	Above Normal	0.00	0.87	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	1.42
1958	Wet	0.86	0.94	0.00	0.00	0.00	0.78	0.00	0.00	0.12	0.00	0.10	0.29	3.09
1959	Below Normal	0.00	0.86	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.36	0.00	2.27
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	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	1.49
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.33
1963	Wet	0.81	0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.48	2.44
1964	Dry	0.00	0.92	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.00	0.00	2.23
1965	Wet	0.00	0.00	0.00	0.99	0.37	0.77	0.00	0.00	0.00	0.07	0.18	0.33	2.71
1966	Below Normal	0.00	0.88	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.31	0.00	2.41
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.07	0.28	0.44
1968	Below Normal	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.36	0.00	1.63
1969	Wet	0.00	0.00	1.00	0.00	0.87	0.00	0.00	0.00	0.09	0.00	0.07	0.00	2.03
1970	Wet	0.00	0.00	0.00	0.96	0.81	0.00	0.00	0.00	0.00	0.00	0.24	0.36	2.37
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.37	0.00	0.54
1972	Below Normal	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.34	0.00	1.57
1973	Above Normal	0.00	0.93	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.15	0.27	0.00	1.64
1974	Wet	0.00	0.91	0.55	0.05	0.00	0.79	0.00	0.00	0.00	0.03	0.15	0.31	2.79
1975	Wet	0.00	0.87	0.98	0.00	0.00	0.84	0.00	0.00	0.00	0.15	0.24	0.36	3.44
1976	Critical	0.72	0.00	0.99	0.00	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.23
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	0.15	0.47	0.00	0.00	0.00	0.00	0.08	0.28	0.98
1979	Below Normal	0.00	0.85	0.97	0.00	0.82	0.92	0.00	0.00	0.00	0.00	0.33	0.00	3.89
1980	Above Normal	0.82	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.16	0.00	2.02
1981	Dry	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	1.26
1982	Wet	0.82	0.93	0.00	0.00	0.86	0.75	0.00	0.00	0.09	0.00	0.07	0.28	3.80
1983	Wet	0.55	0.85	0.97	0.96	0.00	0.00	0.00	0.00	0.09	0.00	0.07	0.28	3.77
1984	Wet	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.24	0.35	1.29
1985	Dry	0.00	0.90	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.44	2.54
1986	Wet	0.53	0.91	0.16	0.00	0.85	0.00	0.00	0.00	0.00	0.16	0.24	0.00	2.85
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	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00	1.47
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.39
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.25	0.36	0.77
1994	Critical	0.00	0.43	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.42
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.00	0.14	0.01	0.13	0.30	1.37
1996	Wet	0.00	0.23	0.00	0.00	0.86	0.83	0.00	0.00	0.00	0.11	0.21	0.35	2.59
1997	Wet	0.00	0.89	0.99	0.98	0.84	0.00	0.00	0.00	0.00	0.00	0.17	0.33	4.20
1998	Wet	0.00	0.00	0.98	0.00	0.83	0.77	0.00	0.00	0.10	0.00	0.09	0.28	3.05
1999	Wet	0.57	0.85	0.00	0.00	0.82	0.88	0.00	0.00	0.00	0.20	0.28	0.00	3.60
2000	Above Normal	0.00	0.91	0.00	0.00	0.89	0.88	0.00	0.00	0.00	0.00	0.29	0.45	3.42
2001	Dry	0.00	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	1.23
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.35	0.00	0.65
2003	Above Normal	0.00	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.30	0.00	1.46
	Average	0.14	0.37	0.39	0.10	0.17	0.18	0.00	0.00	0.01	0.08	0.16	0.18	1.78
	Wet	0.18	0.49	0.33	0.30	0.40	0.40	0.00	0.00	0.03	0.07	0.17	0.26	2.64
	Above Normal	0.19	0.51	0.41	0.00	0.11	0.23	0.00	0.00	0.01	0.05	0.26	0.19	1.96
	Below Normal	0.07	0.49	0.56	0.00	0.12	0.13	0.00	0.00	0.00	0.10	0.18	0.24	1.88
	Dry	0.09	0.23	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.02	0.12	1.04
	Critical	0.17	0.04	0.25	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.75

Difference in Energy Use (GWh) At Pumping Plant at DMC Intertie: Alternative4_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	0.01	0.00	0.00
1923	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
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	(0.01)	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	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
1939	Dry	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	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	(0.01)	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	(0.01)	0.00
1942	Wet	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
1943	Wet	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.89	0.00	0.00	0.00	0.01	0.00	0.00	0.08
1946	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
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1949	Dry	0.00	0.00	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
1953	Wet	0.00	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.03	0.08
1954	Above Normal	0.00	(0.16)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)
1955	Dry	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01
1956	Wet	0.00	0.00	0.00	0.00	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
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	0.02	0.00	0.02	0.01	0.00
1959	Below Normal	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.01)	0.00	0.07
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	0.01	0.01	0.01	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.02
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	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	(0.28)	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	(0.02)
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	(0.74)	(0.35)	0.00	0.00	0.00	0.00	0.01	0.11	(0.08)
1979	Below Normal	0.00	0.85	0.06	0.00	0.01	0.01	0.00	0.00	0.00	(0.22)	0.04	0.00	0.06
1980	Above Normal	0.04	0.00	0.01	(0.98)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.08)
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	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	0.01	0.00	0.00
1994	Critical	0.00	(0.04)	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	0.01	0.00	0.00	0.02	0.01	0.02	0.01	0.01
1996	Wet	0.00	0.23	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.02	0.01	0.01	0.02
1997	Wet	0.00	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.02	0.00	0.00
1999	Wet	0.02	0.00	0.00	0.00	0.01	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	0.03	0.02	(0.01)	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01
	Wet	0.00	0.04	0.04	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
	Above Normal	0.00	(0.01)	0.00	(0.08)	(0.06)	(0.03)	0.00	0.00	0.00	0.00	0.00	0.01	(0.01)
	Below Normal	0.00	0.12	0.06	0.00	0.00	0.06	0.00	0.00	0.00	(0.02)	0.00	0.00	0.02
	Dry	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
	Critical	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at DMC Intertie: Alternative4_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%	-2%	0%	0%	0%	0%	8%	0%
1923	Below Normal	0%	1%	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%	-4%	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%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	267%	0%	0%	0%	0%	0%	0%	-	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-4%
1942	Wet	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	3%
1943	Wet	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	-	0%	0%	0%	7%	0%	0%
1946	Below Normal	1%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1949	Dry	0%	0%	-35%	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%	14%	0%
1953	Wet	0%	-	0%	0%	0%	0%	0%	0%	0%	4%	3%	6%
1954	Above Normal	0%	-19%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%
1955	Dry	0%	18%	0%	0%	0%	0%	0%	0%	0%	3%	0%	0%
1956	Wet	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	20%	0%	25%	4%
1959	Below Normal	0%	-	0%	0%	0%	0%	0%	0%	0%	-20%	-3%	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%	17%	6%	3%
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%	-
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-100%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	-15%	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%	-85%	0%	0%	0%	0%	0%	50%	7%	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%	-83%	-43%	0%	0%	0%	0%	14%	65%
1979	Below Normal	0%	-	7%	0%	1%	1%	0%	0%	0%	-100%	14%	0%
1980	Above Normal	5%	0%	1%	-100%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	60%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	0%
1994	Critical	0%	-9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	1%	0%	0%	17%	-	18%	3%
1996	Wet	0%	-	0%	0%	1%	0%	0%	0%	0%	22%	5%	3%
1997	Wet	0%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	1%	0%	0%	11%	0%	29%	0%
1999	Wet	4%	0%	0%	0%	1%	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%	3%	-3%	-1%	0%	0%	0%	1%	0%	2%	1%
	Wet	0%	0%	0%	-5%	0%	0%	0%	0%	2%	3%	4%	1%
	Above Normal	0%	-2%	0%	-8%	-7%	-4%	0%	0%	0%	0%	2%	5%
	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	-8%	1%	0%
	Dry	0%	1%	13%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.07	0.03	0.01	0.01	0.02	0.02	0.02	0.05	0.08	0.10	0.10	0.08	0.59
1923	Below Normal	0.07	0.03	0.01	0.00	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1924	Critical	0.06	0.03	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.52
1925	Dry	0.05	0.02	0.01	0.01	0.01	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.60
1926	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
1927	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1928	Above Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
1929	Critical	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.06	0.08	0.09	0.09	0.07	0.60
1930	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1931	Critical	0.06	0.03	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.52
1932	Dry	0.05	0.02	0.01	0.01	0.01	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.49
1933	Critical	0.05	0.02	0.01	0.01	0.01	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.49
1934	Critical	0.05	0.02	0.01	0.01	0.01	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.49
1935	Below Normal	0.05	0.02	0.01	0.01	0.01	0.04	0.04	0.07	0.09	0.09	0.09	0.07	0.59
1936	Below Normal	0.06	0.03	0.01	0.01	0.00	0.04	0.03	0.05	0.09	0.09	0.09	0.07	0.57
1937	Below Normal	0.06	0.03	0.01	0.00	0.00	0.01	0.01	0.02	0.05	0.09	0.09	0.07	0.44
1938	Wet	0.06	0.03	0.01	0.00	0.00	0.01	0.01	0.02	0.02	0.05	0.10	0.08	0.39
1939	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
1940	Above Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1941	Wet	0.06	0.03	0.01	0.00	0.00	0.04	0.05	0.04	0.09	0.10	0.10	0.08	0.60
1942	Wet	0.07	0.03	0.01	0.00	0.01	0.04	0.05	0.06	0.06	0.10	0.10	0.08	0.61
1943	Wet	0.07	0.03	0.01	0.00	0.01	0.01	0.03	0.03	0.08	0.10	0.10	0.08	0.55
1944	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
1945	Below Normal	0.06	0.03	0.01	0.01	0.00	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.62
1946	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.65
1947	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
1948	Below Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1949	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1950	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
1951	Above Normal	0.06	0.03	0.01	0.00	0.01	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.62
1952	Wet	0.07	0.03	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.08	0.10	0.08	0.45
1953	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
1954	Above Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1955	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1956	Wet	0.06	0.03	0.01	0.00	0.00	0.01	0.03	0.07	0.09	0.10	0.10	0.08	0.58
1957	Above Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
1958	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.02	0.02	0.03	0.10	0.10	0.08	0.52
1959	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
1960	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.08	0.07	0.62
1961	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.08	0.07	0.62
1962	Below Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1963	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1964	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1965	Wet	0.06	0.03	0.01	0.01	0.00	0.04	0.05	0.07	0.09	0.10	0.10	0.08	0.64
1966	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
1967	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.01	0.02	0.02	0.02	0.10	0.08	0.42
1968	Below Normal	0.07	0.02	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1969	Wet	0.06	0.03	0.01	0.00	0.00	0.01	0.01	0.02	0.02	0.02	0.10	0.08	0.36
1970	Wet	0.07	0.03	0.01	0.00	0.01	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.63
1971	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
1972	Below Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1973	Above Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.08	0.09	0.09	0.07	0.62
1974	Wet	0.07	0.03	0.01	0.00	0.02	0.04	0.04	0.06	0.06	0.10	0.10	0.08	0.61
1975	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.65
1976	Critical	0.07	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.07	0.63
1977	Critical	0.06	0.03	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.52
1978	Above Normal	0.05	0.02	0.01	0.01	0.00	0.01	0.01	0.02	0.03	0.06	0.10	0.08	0.40
1979	Below Normal	0.07	0.03	0.01	0.01	0.02	0.03	0.05	0.06	0.09	0.09	0.09	0.07	0.62
1980	Above Normal	0.07	0.03	0.01	0.00	0.00	0.01	0.01	0.03	0.07	0.08	0.10	0.08	0.49
1981	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
1982	Wet	0.06	0.03	0.01	0.01	0.01	0.04	0.01	0.02	0.03	0.09	0.10	0.08	0.49
1983	Wet	0.04	0.01	0.01	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.06	0.05	0.26
1984	Wet	0.03	0.01	0.01	0.00	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.58
1985	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
1986	Wet	0.07	0.03	0.01	0.01	0.00	0.01	0.01	0.02	0.03	0.09	0.09	0.08	0.45
1987	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
1988	Critical	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.06	0.08	0.09	0.09	0.07	0.60
1989	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1990	Critical	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.06	0.08	0.09	0.09	0.07	0.60
1991	Critical	0.06	0.03	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.52
1992	Critical	0.05	0.02	0.01	0.01	0.01	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.49
1993	Above Normal	0.05	0.02	0.01	0.01	0.01	0.04	0.05	0.07	0.09	0.09	0.09	0.08	0.61
1994	Critical	0.07	0.03	0.01	0.01	0.02	0.03	0.04	0.06	0.07	0.08	0.07	0.06	0.55
1995	Wet	0.05	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.10	0.08	0.36
1996	Wet	0.07	0.03	0.01	0.01	0.02	0.01	0.05	0.04	0.09	0.10	0.09	0.08	0.60
1997	Wet	0.07	0.03	0.01	0.00	0.01	0.02	0.05	0.07	0.09	0.10	0.10	0.08	0.63
1998	Wet	0.07	0.03	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.10	0.08	0.39
1999	Wet	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
2000	Above Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
2001	Dry	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
2002	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
2003	Above Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
	Average	0.06	0.03	0.01	0.01	0.02	0.03	0.04	0.06	0.08	0.08	0.09	0.07	0.58
	Wet	0.06	0.03	0.01	0.01	0.01	0.03	0.03	0.05	0.06	0.08	0.09	0.08	0.54
	Above Normal	0.06	0.03	0.01	0.01	0.02	0.03	0.04	0.06	0.08	0.09	0.09	0.07	0.60
	Below Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.06	0.09	0.09	0.09	0.07	0.61
	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.62
	Critical	0.06	0.03	0.01	0.01	0.02	0.03	0.04	0.06	0.07	0.08	0.08	0.06	0.54

Energy Use (GWh) At Pumping Plant at DMC Other: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.07	0.03	0.01	0.01	0.02	0.02	0.02	0.05	0.09	0.09	0.09	0.07	0.57
1923	Below Normal	0.06	0.03	0.01	0.00	0.02	0.04	0.05	0.07	0.08	0.08	0.08	0.07	0.59
1924	Critical	0.06	0.03	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.52
1925	Dry	0.05	0.02	0.01	0.01	0.01	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.60
1926	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1927	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.08	0.09	0.09	0.07	0.62
1928	Above Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.08	0.09	0.09	0.07	0.62
1929	Critical	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.06	0.08	0.09	0.09	0.07	0.60
1930	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1931	Critical	0.06	0.03	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.52
1932	Dry	0.05	0.02	0.01	0.01	0.01	0.03	0.03	0.05	0.06	0.06	0.06	0.05	0.44
1933	Critical	0.05	0.02	0.01	0.00	0.01	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.48
1934	Critical	0.05	0.02	0.01	0.01	0.01	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.49
1935	Below Normal	0.05	0.02	0.01	0.01	0.01	0.04	0.04	0.06	0.08	0.08	0.08	0.07	0.55
1936	Below Normal	0.06	0.03	0.01	0.01	0.01	0.04	0.03	0.05	0.08	0.08	0.08	0.07	0.55
1937	Below Normal	0.06	0.03	0.01	0.00	0.00	0.04	0.01	0.02	0.07	0.08	0.08	0.07	0.47
1938	Wet	0.06	0.03	0.01	0.00	0.00	0.01	0.01	0.02	0.02	0.05	0.09	0.07	0.37
1939	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.06	0.08	0.08	0.07	0.07	0.57
1940	Above Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.08	0.09	0.09	0.07	0.62
1941	Wet	0.06	0.03	0.01	0.00	0.00	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.60
1942	Wet	0.06	0.03	0.01	0.00	0.01	0.04	0.05	0.06	0.05	0.09	0.09	0.07	0.56
1943	Wet	0.06	0.03	0.01	0.00	0.02	0.01	0.03	0.03	0.08	0.09	0.09	0.07	0.52
1944	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.06	0.08	0.08	0.08	0.07	0.58
1945	Below Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.08	0.09	0.09	0.07	0.62
1946	Below Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.08	0.09	0.09	0.07	0.62
1947	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1948	Below Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1949	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1950	Below Normal	0.07	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.64
1951	Above Normal	0.06	0.03	0.01	0.00	0.02	0.04	0.05	0.07	0.08	0.09	0.09	0.07	0.61
1952	Wet	0.06	0.03	0.01	0.01	0.01	0.04	0.03	0.02	0.02	0.08	0.09	0.07	0.47
1953	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.08	0.08	0.08	0.07	0.60
1954	Above Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1955	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1956	Wet	0.06	0.03	0.01	0.01	0.00	0.01	0.03	0.07	0.09	0.09	0.08	0.07	0.55
1957	Above Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.06	0.08	0.08	0.08	0.07	0.58
1958	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.05	0.05	0.10	0.09	0.07	0.58
1959	Below Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1960	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.08	0.07	0.62
1961	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.08	0.07	0.62
1962	Below Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.08	0.08	0.08	0.07	0.60
1963	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.08	0.08	0.09	0.07	0.61
1964	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1965	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.07	0.62
1966	Below Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.08	0.09	0.09	0.07	0.62
1967	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.03	0.02	0.02	0.06	0.09	0.07	0.46
1968	Below Normal	0.06	0.01	0.01	0.01	0.02	0.04	0.04	0.07	0.08	0.08	0.08	0.07	0.57
1969	Wet	0.06	0.03	0.01	0.00	0.00	0.01	0.01	0.02	0.02	0.02	0.09	0.07	0.34
1970	Wet	0.06	0.03	0.01	0.00	0.01	0.04	0.05	0.07	0.08	0.09	0.09	0.07	0.60
1971	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.08	0.09	0.09	0.07	0.62
1972	Below Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1973	Above Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.08	0.09	0.09	0.07	0.62
1974	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.06	0.06	0.09	0.09	0.07	0.58
1975	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.08	0.09	0.09	0.07	0.62
1976	Critical	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.07	0.09	0.09	0.09	0.07	0.62
1977	Critical	0.06	0.03	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.52
1978	Above Normal	0.05	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.07	0.08	0.09	0.07	0.45
1979	Below Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.06	0.08	0.08	0.08	0.07	0.58
1980	Above Normal	0.06	0.03	0.01	0.00	0.00	0.01	0.01	0.03	0.08	0.08	0.09	0.07	0.47
1981	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.08	0.08	0.08	0.07	0.60
1982	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.01	0.02	0.06	0.09	0.09	0.07	0.51
1983	Wet	0.06	0.01	0.01	0.00	0.01	0.01	0.04	0.02	0.02	0.02	0.06	0.05	0.31
1984	Wet	0.03	0.01	0.01	0.00	0.02	0.04	0.05	0.07	0.08	0.09	0.09	0.07	0.56
1985	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1986	Wet	0.06	0.03	0.01	0.01	0.01	0.01	0.01	0.02	0.04	0.09	0.09	0.07	0.45
1987	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1988	Critical	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.06	0.08	0.09	0.09	0.07	0.60
1989	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
1990	Critical	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.06	0.08	0.09	0.09	0.07	0.60
1991	Critical	0.06	0.03	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.52
1992	Critical	0.05	0.02	0.01	0.01	0.01	0.03	0.04	0.05	0.07	0.07	0.07	0.06	0.49
1993	Above Normal	0.05	0.02	0.01	0.01	0.01	0.04	0.05	0.07	0.08	0.09	0.09	0.07	0.59
1994	Critical	0.06	0.03	0.01	0.01	0.02	0.03	0.04	0.06	0.07	0.08	0.07	0.06	0.54
1995	Wet	0.05	0.02	0.01	0.01	0.02	0.02	0.01	0.02	0.04	0.01	0.09	0.07	0.37
1996	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.03	0.08	0.09	0.09	0.07	0.58
1997	Wet	0.06	0.03	0.01	0.00	0.01	0.02	0.05	0.07	0.09	0.09	0.09	0.07	0.59
1998	Wet	0.06	0.03	0.01	0.01	0.02	0.01	0.01	0.02	0.02	0.02	0.09	0.07	0.37
1999	Wet	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.08	0.09	0.09	0.07	0.62
2000	Above Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.08	0.09	0.09	0.07	0.62
2001	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
2002	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
2003	Above Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.63
	Average	0.06	0.03	0.01	0.01	0.02	0.03	0.04	0.06	0.08	0.08	0.09	0.07	0.57
	Wet	0.06	0.03	0.01	0.01	0.01	0.03	0.04	0.05	0.06	0.08	0.09	0.07	0.53
	Above Normal	0.06	0.03	0.01	0.01	0.02	0.03	0.04	0.06	0.08	0.09	0.09	0.07	0.58
	Below Normal	0.06	0.03	0.01	0.01	0.02	0.04	0.04	0.06	0.08	0.09	0.09	0.07	0.59
	Dry	0.06	0.03	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.09	0.09	0.07	0.61
	Critical	0.06	0.03	0.01	0.01	0.02	0.03	0.04	0.06	0.07	0.08	0.08	0.06	0.54

Difference in Energy Use (GWh) At Pumping Plant at DMC Other: Alternative4_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	0.01	(0.01)	(0.01)	(0.01)	0.00
1923	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	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	(0.01)	0.00	0.00	0.00	0.00
1928	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	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	(0.01)	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1933	Critical	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.02	(0.01)	(0.01)	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00
1939	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.02)	0.00	(0.01)
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	(0.01)	(0.01)	(0.01)	0.00
1942	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1943	Wet	(0.01)	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00
1944	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	(0.01)
1945	Below Normal	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1946	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1947	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1952	Wet	(0.01)	0.00	0.00	0.00	0.00	0.03	0.02	0.00	0.00	0.00	(0.01)	(0.01)	0.00
1953	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.01)	0.00
1957	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	(0.01)
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.02	0.00	(0.01)	(0.01)	0.01
1959	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	(0.01)	(0.01)	(0.01)	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	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	0.02	0.00	(0.01)	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00
1966	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.04	(0.01)	(0.01)	0.00
1968	Below Normal	(0.01)	(0.01)	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.00	(0.01)
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00
1970	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1971	Wet	(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
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	(0.01)	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00
1975	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1976	Critical	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.04	0.02	(0.01)	(0.01)	0.00
1979	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.01	(0.01)	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00
1980	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	(0.01)	(0.01)	0.00
1981	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.03	0.00	(0.01)	(0.01)	0.00
1983	Wet	0.02	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1985	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	(0.01)	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	(0.01)	0.00
1987	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.01)	0.00
1994	Critical	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.02	(0.01)	(0.01)	(0.01)	0.00
1996	Wet	(0.01)	0.00	0.00	0.00	0.00	0.03	0.00	(0.01)	(0.01)	(0.01)	0.00	(0.01)	0.00
1997	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00
1998	Wet	(0.01)	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00
1999	Wet	(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
2000	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
2001	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	(0.00)	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
	Wet	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.01)	(0.01)	0.00
	Above Normal	(0.00)	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	0.00	0.00	(0.00)	(0.00)	(0.00)
	Below Normal	(0.00)	(0.00)	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.01)	(0.01)	(0.01)	(0.00)	(0.00)
	Dry	(0.00)	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
	Critical	(0.00)	0.00	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at DMC Other: Alternative4_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%	13%	-10%	-10%	-13%
1923	Below Normal	-14%	0%	0%	0%	0%	0%	0%	0%	-11%	-11%	-11%	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	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-11%	0%	0%	0%
1928	Above Normal	-14%	0%	0%	0%	0%	0%	0%	0%	-11%	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%	-25%	0%	-14%	-14%	-14%	-17%
1933	Critical	0%	0%	0%	-100%	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%	-14%	-11%	-11%	-11%	0%
1936	Below Normal	0%	0%	0%	0%	-	0%	0%	0%	-11%	-11%	-11%	0%
1937	Below Normal	0%	0%	0%	0%	0%	300%	0%	0%	40%	-11%	-11%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-10%	-13%
1939	Dry	-14%	0%	0%	0%	0%	0%	-20%	-14%	-11%	-11%	-22%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-11%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	75%	0%	-10%	-10%	-13%
1942	Wet	-14%	0%	0%	0%	0%	0%	0%	0%	-17%	-10%	-10%	-13%
1943	Wet	-14%	0%	0%	0%	100%	0%	0%	0%	0%	-10%	-10%	-13%
1944	Dry	-14%	0%	0%	0%	0%	0%	-20%	-14%	-11%	-11%	-11%	0%
1945	Below Normal	0%	0%	0%	0%	-	0%	0%	0%	-11%	0%	0%	-13%
1946	Below Normal	-14%	0%	0%	0%	0%	0%	0%	0%	-11%	0%	0%	-13%
1947	Dry	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	100%	0%	0%	0%	-11%	0%	0%	-13%
1952	Wet	-14%	0%	0%	0%	0%	300%	200%	0%	0%	0%	-10%	-13%
1953	Wet	-14%	0%	0%	0%	0%	0%	0%	0%	-11%	-11%	-11%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	-	0%	0%	0%	0%	0%	-10%	-20%	-13%
1957	Above Normal	-14%	0%	0%	0%	0%	0%	-20%	-14%	-11%	-11%	-11%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	150%	150%	67%	0%	-10%	-13%
1959	Below Normal	-14%	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%	-11%	-11%	-11%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-11%	-11%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	-	0%	-20%	0%	0%	-10%	-10%	-13%
1966	Below Normal	-14%	0%	0%	0%	0%	0%	0%	0%	-11%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	200%	0%	0%	200%	-10%	-13%
1968	Below Normal	-14%	-50%	0%	0%	0%	0%	-20%	0%	-11%	-11%	-11%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-10%	-13%
1970	Wet	-14%	0%	0%	0%	0%	0%	0%	0%	-11%	0%	0%	-13%
1971	Wet	-14%	0%	0%	0%	0%	0%	0%	0%	-11%	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	-14%	0%	0%	-	0%	0%	0%	0%	0%	-10%	-10%	-13%
1975	Wet	-14%	0%	0%	0%	0%	0%	0%	0%	-11%	0%	0%	-13%
1976	Critical	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	-	0%	0%	0%	133%	33%	-10%	-13%
1979	Below Normal	-14%	0%	0%	0%	0%	33%	-20%	0%	-11%	-11%	-11%	0%
1980	Above Normal	-14%	0%	0%	0%	0%	0%	0%	0%	14%	0%	-10%	-13%
1981	Dry	-14%	0%	0%	0%	0%	0%	0%	0%	-11%	-11%	-11%	0%
1982	Wet	0%	0%	0%	0%	100%	0%	0%	0%	100%	0%	-10%	-13%
1983	Wet	50%	0%	0%	0%	0%	0%	300%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	-11%	0%	0%	-13%
1985	Dry	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	-14%	0%	0%	0%	-	0%	0%	0%	33%	0%	0%	-13%
1987	Dry	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-11%	0%	0%	-13%
1994	Critical	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	100%	100%	0%	0%	100%	-50%	-10%	-13%
1996	Wet	-14%	0%	0%	0%	0%	300%	0%	-25%	-11%	-10%	0%	-13%
1997	Wet	-14%	0%	0%	0%	0%	0%	0%	0%	0%	-10%	-10%	-13%
1998	Wet	-14%	0%	0%	0%	100%	0%	0%	0%	0%	0%	-10%	-13%
1999	Wet	-14%	0%	0%	0%	0%	0%	0%	0%	-11%	0%	0%	0%
2000	Above Normal	-14%	0%	0%	0%	0%	0%	0%	0%	-11%	0%	0%	0%
2001	Dry	-14%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	-5%	-1%	0%	-1%	6%	13%	9%	2%	2%	-1%	-4%	-4%
	Wet	-5%	0%	0%	0%	15%	27%	32%	8%	7%	2%	-7%	-10%
	Above Normal	-5%	0%	0%	0%	8%	0%	-2%	-1%	8%	1%	-3%	-5%
	Below Normal	-6%	-4%	0%	0%	0%	24%	-3%	-1%	-4%	-6%	-6%	-2%
	Dry	-6%	0%	0%	0%	0%	0%	-4%	-2%	-3%	-3%	-3%	-1%
	Critical	-2%	0%	0%	-8%	0%	0%	0%	0%	0%	0%	0%	0%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	1.29	0.90	0.93	0.88	0.80	0.65	1.16	0.79	0.74	0.79	0.92	1.15	11.00
1923	Below Normal	0.95	0.81	0.80	0.74	0.82	1.14	0.85	0.78	0.67	0.93	1.14	0.91	10.54
1924	Critical	0.92	0.87	0.89	0.98	1.01	0.95	2.34	2.39	2.70	2.78	2.47	1.81	20.11
1925	Dry	0.90	0.89	0.86	0.84	0.71	0.58	0.94	0.68	0.73	1.20	1.74	1.49	11.56
1926	Dry	1.15	0.79	0.85	0.91	0.82	0.76	0.59	0.95	1.50	2.27	2.47	1.89	14.95
1927	Wet	0.99	0.83	0.68	0.62	0.63	0.75	1.07	0.85	0.71	1.02	1.26	1.13	10.54
1928	Above Normal	0.84	0.78	0.88	0.87	0.84	0.63	0.98	0.78	0.84	1.57	2.11	1.73	12.85
1929	Critical	1.41	0.97	1.00	1.02	1.03	0.83	1.89	2.00	1.91	2.29	2.20	1.68	18.23
1930	Dry	1.29	1.02	0.82	0.70	0.61	0.53	0.90	0.95	1.30	2.00	2.18	1.62	13.92
1931	Critical	1.26	0.92	0.95	0.97	0.98	0.95	2.52	2.18	2.45	2.84	2.54	1.90	20.46
1932	Dry	1.30	0.98	0.93	0.87	0.70	0.67	0.96	0.64	0.57	0.66	0.76	0.82	9.86
1933	Critical	0.84	0.72	0.77	0.83	0.87	0.79	1.93	1.61	1.93	2.46	2.44	1.79	16.98
1934	Critical	1.12	1.07	0.88	0.79	0.67	0.70	1.36	1.63	2.50	2.90	2.78	1.75	18.15
1935	Below Normal	2.12	1.15	0.98	0.93	0.87	0.71	0.55	0.79	0.69	0.97	1.19	1.02	11.97
1936	Below Normal	0.77	0.69	0.75	0.72	0.65	0.64	1.00	0.69	0.60	0.85	1.01	0.91	9.28
1937	Below Normal	0.89	0.87	0.81	0.87	0.78	0.52	0.91	0.74	0.62	0.91	1.13	1.02	10.07
1938	Wet	0.89	0.63	0.65	0.65	0.65	0.65	1.03	0.82	0.75	0.79	0.92	1.08	9.51
1939	Dry	0.92	0.81	0.82	0.91	0.97	0.74	1.53	1.22	1.76	2.38	2.56	1.79	16.41
1940	Above Normal	1.25	1.16	0.99	0.85	0.66	0.69	1.20	0.81	0.74	1.09	1.49	1.55	12.48
1941	Wet	1.32	1.02	0.96	0.78	0.74	0.65	0.66	0.76	0.81	0.87	1.00	1.22	10.79
1942	Wet	0.96	0.79	0.80	0.75	0.76	0.67	0.64	0.75	0.80	0.86	0.99	1.18	9.95
1943	Wet	1.14	0.79	0.80	0.76	0.80	0.72	0.95	0.86	0.73	1.04	1.25	1.24	11.08
1944	Dry	1.28	1.00	1.05	1.12	1.10	0.93	1.59	1.47	1.69	2.21	2.29	1.79	17.52
1945	Below Normal	1.12	0.89	0.81	0.76	0.71	0.59	1.15	0.77	0.67	1.01	1.34	1.19	11.01
1946	Below Normal	0.69	0.72	0.70	0.71	0.72	0.67	1.28	0.79	0.72	1.05	1.45	1.19	10.69
1947	Dry	1.03	0.75	0.76	0.81	0.80	0.57	1.09	1.04	1.32	2.12	2.36	1.88	14.53
1948	Below Normal	0.97	0.93	0.95	0.93	0.89	0.76	0.82	0.73	0.77	0.99	1.14	1.11	10.99
1949	Dry	0.97	0.68	0.75	0.82	0.85	0.62	1.16	0.76	0.73	1.17	1.73	1.54	11.78
1950	Below Normal	1.31	0.90	1.00	0.90	0.73	0.57	0.95	0.74	0.66	0.92	1.11	0.93	10.72
1951	Above Normal	0.59	0.76	0.95	0.99	0.97	1.07	1.42	0.75	0.75	1.17	1.59	1.50	12.51
1952	Wet	1.01	0.87	0.81	0.74	0.74	0.65	1.06	0.85	0.70	0.78	0.90	1.01	10.12
1953	Wet	0.98	0.70	0.79	0.76	0.75	0.86	1.10	0.83	0.69	0.84	0.93	1.03	10.26
1954	Above Normal	0.96	0.73	0.81	0.81	0.77	0.65	0.93	0.95	1.02	1.75	2.21	1.70	13.29
1955	Dry	1.39	0.92	0.95	0.89	0.86	0.98	1.46	1.33	1.32	1.60	1.78	1.34	14.82
1956	Wet	1.09	0.84	0.80	0.80	0.86	1.14	1.21	0.75	0.73	0.78	0.90	1.01	10.91
1957	Above Normal	0.84	0.98	0.93	1.00	0.89	0.59	1.17	0.77	0.77	1.13	1.56	1.20	11.83
1958	Wet	0.83	0.85	0.77	0.74	0.74	0.66	0.65	0.83	0.76	0.83	0.96	1.08	9.70
1959	Below Normal	1.01	0.91	0.90	0.92	0.81	0.79	1.22	1.14	1.31	2.13	2.64	1.56	15.34
1960	Dry	1.58	1.29	1.12	1.13	1.02	0.60	1.12	0.97	1.16	1.44	1.64	1.37	14.44
1961	Dry	1.14	0.81	0.86	0.92	0.95	0.90	1.83	1.89	1.99	2.54	2.72	2.01	18.56
1962	Below Normal	1.56	1.03	1.02	1.01	0.85	0.57	1.24	0.92	0.81	1.18	1.72	1.51	13.42
1963	Wet	0.61	0.60	0.73	0.77	0.85	0.77	0.80	0.83	0.79	1.10	1.32	1.13	10.30
1964	Dry	0.81	0.70	0.74	0.75	0.75	0.91	1.72	1.33	1.34	1.78	2.02	1.63	14.48
1965	Wet	1.02	0.89	0.90	0.92	0.91	1.02	0.88	0.86	0.74	1.00	1.09	1.13	11.36
1966	Below Normal	1.22	0.82	0.84	0.84	0.82	0.91	1.29	0.96	1.10	1.86	2.41	1.83	14.90
1967	Wet	1.49	0.96	0.85	0.75	0.76	0.68	0.67	0.90	0.72	0.84	0.97	1.13	10.72
1968	Below Normal	1.03	0.70	0.79	0.78	0.77	0.62	1.30	1.25	1.45	2.35	2.67	1.99	15.70
1969	Wet	1.40	1.01	0.94	0.83	0.78	0.74	1.15	0.86	0.72	0.77	0.90	1.10	11.20
1970	Wet	0.94	0.72	0.76	0.88	1.01	0.79	1.60	1.25	1.14	1.72	2.10	1.83	14.74
1971	Wet	1.33	0.99	0.81	0.72	0.73	0.78	1.31	0.74	0.70	0.84	0.97	1.04	10.96
1972	Below Normal	1.00	0.73	0.78	0.75	0.74	0.80	1.15	0.95	0.97	1.57	2.00	1.35	12.79
1973	Above Normal	0.86	0.77	0.70	0.66	0.67	0.67	1.20	0.86	0.84	1.38	1.72	1.37	11.70
1974	Wet	0.89	0.73	0.73	0.82	0.90	0.76	1.10	0.89	0.74	0.71	0.94	1.08	10.29
1975	Wet	0.87	0.73	0.88	0.91	0.83	0.65	1.07	0.88	0.75	0.83	0.95	1.08	10.43
1976	Critical	0.59	0.74	0.84	0.93	1.02	1.21	1.78	1.87	2.03	2.22	2.00	1.54	16.77
1977	Critical	1.24	0.89	0.87	0.89	0.93	1.39	2.57	2.10	2.75	2.86	2.82	1.87	21.18
1978	Above Normal	1.35	1.38	0.97	0.80	0.57	0.64	0.80	0.88	0.75	1.02	1.24	1.07	11.47
1979	Below Normal	1.07	0.72	0.82	0.82	0.75	0.58	0.93	0.75	0.84	1.34	1.50	1.14	11.26
1980	Above Normal	0.61	0.63	0.65	0.74	0.85	0.81	1.11	0.82	0.73	0.74	0.90	1.12	9.71
1981	Dry	1.12	0.98	0.94	0.99	0.98	0.74	1.45	1.43	1.74	2.49	2.79	2.00	17.65
1982	Wet	1.09	0.90	0.91	1.00	1.03	0.90	0.70	0.97	0.82	0.89	1.03	0.85	11.09
1983	Wet	0.54	0.60	0.73	0.76	0.78	0.70	0.70	0.87	0.78	0.84	0.96	1.02	9.28
1984	Wet	0.84	0.70	1.02	1.08	1.03	1.13	1.41	0.85	0.71	1.13	1.37	1.16	12.43
1985	Dry	0.81	0.70	0.73	0.77	0.77	0.59	1.19	1.04	1.36	2.19	2.51	1.88	14.54
1986	Wet	1.41	1.01	0.97	0.85	0.91	0.76	1.11	0.79	0.75	1.18	1.44	1.20	12.38
1987	Dry	1.24	0.97	0.95	1.02	1.02	0.71	1.70	1.80	2.28	2.85	2.75	2.02	19.31
1988	Critical	1.40	1.00	0.98	0.90	0.83	1.02	1.35	1.51	1.86	2.29	2.20	1.66	17.00
1989	Dry	1.28	0.80	0.74	0.70	0.64	0.53	1.08	0.99	1.41	2.36	2.44	1.34	14.31
1990	Critical	1.01	0.89	0.92	0.94	0.92	0.83	1.60	1.09	1.75	2.08	2.08	1.58	15.69
1991	Critical	1.22	0.89	0.87	0.90	1.02	0.98	2.07	1.95	1.89	2.20	2.37	1.95	18.31
1992	Critical	1.23	1.08	0.96	0.96	0.91	0.73	1.36	1.79	2.28	3.23	1.83	0.00	16.36
1993	Above Normal	0.00	0.00	1.23	0.93	0.65	0.61	1.21	0.78	0.67	0.91	1.08	1.10	9.17
1994	Critical	0.97	0.76	0.89	0.99	1.04	1.22	2.29	1.92	2.38	2.65	2.63	2.03	19.77
1995	Wet	1.50	1.09	1.06	0.89	0.76	0.72	1.03	0.68	0.70	0.82	0.95	1.07	11.27
1996	Wet	1.07	0.95	0.77	0.76	0.85	0.75	1.04	0.62	0.79	0.99	1.13	1.18	10.90
1997	Wet	0.98	0.87	0.90	1.03	1.13	1.47	1.72	1.08	1.01	1.60	1.94	1.84	15.57
1998	Wet	1.45	1.11	1.08	0.91	0.76	0.66	0.99	0.52	0.81	0.88	1.01	1.07	11.25
1999	Wet	0.91	0.68	0.75	0.76	0.77	0.63	1.19	0.83	0.71	0.90	1.04	1.09	10.26
2000	Above Normal	1.09	0.86	0.99	0.90	0.76	0.72	1.24	0.77	0.79	1.35	1.81	1.40	12.68
2001	Dry	0.77	0.94	0.98	1.04	1.04	0.80	1.38	1.48	1.67	2.19	2.38	1.74	16.41
2002	Dry	1.32	0.88	0.75	0.65	0.65	0.63	1.29	0.79	0.85	1.35	1.90	1.58	12.64
2003	Above Normal	1.34	0.89	0.83	0.76	0.77	0.69	0.79	0.82	0.78	1.16	1.41	1.33	11.57
	Average	1.07	0.86	0.87	0.85	0.83	0.77	1.23	1.05	1.13	1.49	1.67	1.38	13.21
	Wet	1.06	0.84	0.84	0.82	0.83	0.79	1.03	0.84	0.77	0.96	1.12	1.15	11.05
	Above Normal	0.92	0.82	0.91	0.85	0.77	0.70	1.10	0.82	0.79	1.17	1.50	1.35	11.69
	Below Normal	1.12	0.85	0.85	0.83	0.78	0.71	1.05	0.86	0.85	1.29	1.60	1.26	12.05
	Dry	1.13	0.88	0.87	0.88	0.85	0.71	1.28	1.15	1.37	1.93	2.17	1.65	14.87
	Critical	1.10	0.90	0.90	0.93	0.94	0.97	1.92	1.84	2.20	2.57	2.36	1.63	18.25

Energy Use (GWh) At Pumping Plant at Folsom: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	1.29	0.90	0.93	0.88	0.80	0.65	1.16	0.79	0.74	0.79	0.92	1.15	11.00
1923	Below Normal	0.95	0.81	0.80	0.74	0.82	1.14	0.85	0.78	0.67	0.93	1.14	0.91	10.54
1924	Critical	0.91	0.86	0.89	0.97	1.00	0.95	2.34	2.39	2.70	2.78	2.47	1.81	20.07
1925	Dry	0.90	0.89	0.86	0.84	0.71	0.58	0.94	0.68	0.73	1.20	1.74	1.49	11.56
1926	Dry	1.15	0.79	0.85	0.91	0.82	0.76	0.59	0.95	1.50	2.27	2.47	1.89	14.95
1927	Wet	0.99	0.83	0.68	0.62	0.63	0.75	1.07	0.85	0.71	1.02	1.26	1.13	10.54
1928	Above Normal	0.84	0.78	0.88	0.87	0.84	0.63	0.98	0.78	0.84	1.57	2.11	1.73	12.85
1929	Critical	1.41	0.97	1.00	1.02	1.03	0.83	1.89	2.00	1.91	2.29	2.20	1.68	18.23
1930	Dry	1.29	1.02	0.82	0.70	0.61	0.53	0.90	0.95	1.30	2.00	2.18	1.62	13.92
1931	Critical	1.26	0.92	0.95	0.97	0.98	0.95	2.52	2.18	2.45	2.84	2.54	1.90	20.46
1932	Dry	1.30	0.98	0.93	0.87	0.70	0.67	0.96	0.64	0.57	0.66	0.76	0.82	9.86
1933	Critical	0.84	0.72	0.77	0.83	0.87	0.79	1.93	1.61	1.93	2.46	2.44	1.79	16.98
1934	Critical	1.12	1.07	0.88	0.80	0.67	0.71	1.37	1.65	2.51	2.90	2.80	1.75	18.23
1935	Below Normal	2.12	1.15	0.98	0.93	0.87	0.71	0.55	0.79	0.69	0.97	1.19	1.02	11.97
1936	Below Normal	0.77	0.69	0.75	0.72	0.65	0.64	1.00	0.69	0.60	0.85	1.01	0.91	9.28
1937	Below Normal	0.89	0.87	0.81	0.87	0.78	0.52	0.91	0.74	0.62	0.91	1.13	1.02	10.07
1938	Wet	0.89	0.63	0.65	0.65	0.65	0.65	1.03	0.82	0.75	0.79	0.92	1.08	9.51
1939	Dry	0.92	0.81	0.82	0.91	0.97	0.73	1.58	1.29	1.84	2.45	2.59	1.80	16.71
1940	Above Normal	1.25	1.16	0.99	0.85	0.65	0.69	1.20	0.81	0.74	1.09	1.49	1.54	12.46
1941	Wet	1.32	1.01	0.96	0.78	0.74	0.65	0.66	0.76	0.81	0.87	1.00	1.22	10.78
1942	Wet	0.96	0.79	0.80	0.75	0.76	0.67	0.64	0.75	0.80	0.86	0.99	1.18	9.95
1943	Wet	1.14	0.79	0.80	0.76	0.80	0.72	0.95	0.86	0.73	1.03	1.23	1.23	11.04
1944	Dry	1.25	0.99	1.05	1.12	1.10	0.92	1.59	1.47	1.70	2.24	2.30	1.80	17.53
1945	Below Normal	1.13	0.89	0.81	0.76	0.71	0.59	1.15	0.77	0.66	1.01	1.33	1.19	11.00
1946	Below Normal	0.69	0.72	0.70	0.70	0.71	0.67	1.28	0.79	0.72	1.05	1.45	1.21	10.69
1947	Dry	1.06	0.77	0.78	0.83	0.82	0.58	1.09	1.04	1.32	2.11	2.36	1.88	14.64
1948	Below Normal	0.97	0.93	0.95	0.93	0.89	0.76	0.82	0.73	0.77	0.99	1.14	1.11	10.99
1949	Dry	0.97	0.68	0.75	0.82	0.85	0.62	1.16	0.76	0.73	1.17	1.73	1.54	11.78
1950	Below Normal	1.31	0.90	1.00	0.90	0.73	0.57	0.95	0.74	0.66	0.92	1.11	0.93	10.72
1951	Above Normal	0.59	0.76	0.95	0.99	0.97	1.07	1.42	0.75	0.75	1.17	1.59	1.50	12.51
1952	Wet	1.01	0.87	0.81	0.74	0.74	0.65	1.06	0.85	0.70	0.78	0.90	1.01	10.12
1953	Wet	0.98	0.72	0.83	0.78	0.75	0.85	1.10	0.83	0.69	0.84	0.93	1.03	10.33
1954	Above Normal	0.96	0.73	0.81	0.81	0.76	0.65	0.93	0.95	1.02	1.75	2.21	1.70	13.28
1955	Dry	1.39	0.92	0.95	0.89	0.86	0.98	1.46	1.33	1.32	1.60	1.78	1.34	14.82
1956	Wet	1.09	0.84	0.80	0.80	0.86	1.14	1.21	0.75	0.73	0.78	0.90	1.01	10.91
1957	Above Normal	0.84	0.98	0.93	1.00	0.89	0.59	1.17	0.77	0.77	1.13	1.56	1.20	11.83
1958	Wet	0.83	0.85	0.77	0.74	0.74	0.66	0.65	0.83	0.76	0.83	0.96	1.08	9.70
1959	Below Normal	1.01	0.92	0.93	0.95	0.83	0.80	1.23	1.14	1.31	2.14	2.65	1.57	15.48
1960	Dry	1.58	1.29	1.12	1.14	1.02	0.60	1.12	0.97	1.16	1.45	1.64	1.37	14.46
1961	Dry	1.15	0.81	0.86	0.92	0.95	0.90	1.84	1.90	2.00	2.55	2.73	2.01	18.62
1962	Below Normal	1.56	1.03	1.02	1.00	0.85	0.57	1.24	0.92	0.81	1.18	1.72	1.51	13.41
1963	Wet	0.61	0.60	0.73	0.77	0.85	0.77	0.80	0.83	0.79	1.10	1.32	1.13	10.30
1964	Dry	0.81	0.70	0.74	0.75	0.75	0.91	1.72	1.33	1.34	1.78	2.02	1.63	14.48
1965	Wet	1.02	0.89	0.90	0.92	0.91	1.02	0.88	0.86	0.74	1.00	1.08	1.12	11.34
1966	Below Normal	1.22	0.82	0.84	0.84	0.82	0.91	1.29	0.96	1.10	1.86	2.41	1.83	14.90
1967	Wet	1.49	0.96	0.85	0.75	0.76	0.68	0.67	0.90	0.72	0.84	0.97	1.13	10.72
1968	Below Normal	1.04	0.72	0.82	0.82	0.79	0.62	1.30	1.25	1.45	2.35	2.67	1.99	15.82
1969	Wet	1.40	1.01	0.94	0.83	0.78	0.74	1.15	0.86	0.72	0.77	0.90	1.10	11.20
1970	Wet	0.94	0.72	0.76	0.88	1.01	0.80	1.60	1.25	1.14	1.72	2.10	1.83	14.75
1971	Wet	1.33	0.99	0.81	0.72	0.73	0.78	1.31	0.74	0.70	0.84	0.97	1.04	10.96
1972	Below Normal	1.00	0.73	0.78	0.75	0.74	0.80	1.15	0.95	0.97	1.57	2.00	1.35	12.79
1973	Above Normal	0.86	0.77	0.70	0.66	0.67	0.67	1.20	0.86	0.84	1.38	1.72	1.37	11.70
1974	Wet	0.90	0.73	0.73	0.82	0.90	0.76	1.10	0.89	0.74	0.71	0.94	1.08	10.30
1975	Wet	0.87	0.73	0.87	0.91	0.83	0.65	1.07	0.88	0.75	0.83	0.95	1.08	10.42
1976	Critical	0.59	0.74	0.84	0.93	1.02	1.21	1.78	1.87	2.03	2.22	2.00	1.54	16.77
1977	Critical	1.24	0.89	0.87	0.89	0.93	1.39	2.57	2.10	2.75	2.86	2.82	1.87	21.18
1978	Above Normal	1.35	1.38	0.97	0.80	0.57	0.63	0.80	0.88	0.75	1.02	1.24	1.07	11.46
1979	Below Normal	1.07	0.75	0.88	0.88	0.78	0.58	0.92	0.75	0.84	1.38	1.59	1.20	11.62
1980	Above Normal	0.64	0.65	0.65	0.73	0.85	0.81	1.11	0.82	0.73	0.74	0.90	1.12	9.75
1981	Dry	1.13	0.98	0.95	1.00	0.99	0.75	1.47	1.44	1.76	2.50	2.78	1.99	17.74
1982	Wet	1.09	0.90	0.90	0.99	1.02	0.90	0.70	0.97	0.82	0.89	1.03	0.85	11.06
1983	Wet	0.54	0.60	0.73	0.76	0.78	0.70	0.70	0.87	0.78	0.84	0.96	1.02	9.28
1984	Wet	0.84	0.70	1.02	1.08	1.03	1.13	1.41	0.85	0.71	1.13	1.37	1.16	12.43
1985	Dry	0.81	0.70	0.73	0.77	0.77	0.59	1.19	1.04	1.36	2.19	2.51	1.88	14.54
1986	Wet	1.41	1.01	0.97	0.85	0.91	0.76	1.11	0.79	0.75	1.18	1.44	1.20	12.38
1987	Dry	1.24	0.97	0.95	1.02	1.02	0.71	1.70	1.80	2.26	2.84	2.74	2.01	19.26
1988	Critical	1.40	1.00	0.98	0.90	0.83	1.03	1.36	1.51	1.86	2.29	2.20	1.66	17.02
1989	Dry	1.28	0.80	0.74	0.70	0.64	0.53	1.08	0.99	1.41	2.37	2.44	1.34	14.32
1990	Critical	1.01	0.89	0.92	0.94	0.92	0.83	1.60	1.09	1.75	2.08	2.08	1.58	15.69
1991	Critical	1.22	0.89	0.87	0.90	1.03	0.98	2.07	1.97	1.91	2.22	2.39	1.95	18.40
1992	Critical	1.23	1.08	0.96	0.96	0.91	0.73	1.37	1.81	2.30	3.24	2.28	0.00	16.87
1993	Above Normal	0.00	0.00	1.23	0.93	0.65	0.61	1.21	0.78	0.67	0.91	1.08	1.10	9.17
1994	Critical	0.97	0.76	0.89	0.99	1.04	1.22	2.29	1.92	2.37	2.65	2.63	2.03	19.76
1995	Wet	1.50	1.09	1.06	0.89	0.76	0.72	1.03	0.68	0.70	0.82	0.95	1.07	11.27
1996	Wet	1.07	0.98	0.80	0.77	0.85	0.75	1.04	0.62	0.79	0.99	1.13	1.18	10.97
1997	Wet	0.98	0.86	0.89	1.03	1.13	1.47	1.72	1.08	1.01	1.60	1.94	1.84	15.55
1998	Wet	1.45	1.11	1.08	0.91	0.76	0.66	0.99	0.52	0.81	0.88	1.01	1.07	11.25
1999	Wet	0.91	0.68	0.75	0.76	0.77	0.63	1.19	0.83	0.71	0.90	1.04	1.09	10.26
2000	Above Normal	1.09	0.86	0.99	0.90	0.76	0.72	1.24	0.77	0.79	1.35	1.81	1.40	12.68
2001	Dry	0.77	0.94	0.98	1.04	1.04	0.80	1.38	1.48	1.67	2.19	2.38	1.74	16.41
2002	Dry	1.32	0.88	0.75	0.65	0.65	0.63	1.29	0.79	0.85	1.35	1.90	1.58	12.64
2003	Above Normal	1.34	0.89	0.84	0.76	0.77	0.69	0.79	0.82	0.78	1.16	1.41	1.33	11.58
	Average	1.07	0.86	0.87	0.86	0.83	0.77	1.23	1.05	1.13	1.50	1.68	1.38	13.23
	Wet	1.06	0.84	0.84	0.82	0.83	0.79	1.03	0.84	0.77	0.96	1.12	1.15	11.05
	Above Normal	0.92	0.82	0.91	0.85	0.77	0.70	1.10	0.82	0.79	1.17	1.50	1.35	11.69
	Below Normal	1.12	0.85	0.86	0.84	0.78	0.71	1.05	0.86	0.85	1.29	1.61	1.27	12.09
	Dry	1.13	0.88	0.87	0.88	0.85	0.71	1.28	1.16	1.38	1.94	2.17	1.65	14.90
	Critical	1.10	0.90	0.90	0.93	0.94	0.97	1.92	1.84	2.21	2.57	2.40	1.63	18.31

Difference in Energy Use (GWh) At Pumping Plant at Folsom: Alternative4_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	(0.01)	(0.01)	0.00	(0.01)	(0.01)	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	0.01	0.00	0.01	0.01	0.02	0.01	0.00	0.02	0.00	0.01
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1936	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	(0.01)	0.05	0.07	0.08	0.07	0.03	0.01	0.03
1940	Above Normal	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1941	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
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.01)	0.00
1944	Dry	(0.03)	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.01	0.03	0.01	0.01	0.00
1945	Below Normal	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
1947	Dry	0.03	0.02	0.02	0.02	0.02	0.01	0.00	0.00	0.00	(0.01)	0.00	0.00	0.01
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.02	0.04	0.02	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1954	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
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.01	0.03	0.03	0.02	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.01
1960	Dry	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1961	Dry	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	(0.01)	(0.01)	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.01	0.02	0.03	0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	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	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.03	0.06	0.06	0.03	0.00	(0.01)	0.00	0.00	0.04	0.09	0.06	0.03
1980	Above Normal	0.03	0.02	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.01	0.00	0.01	0.01	0.01	0.01	0.02	0.01	0.02	0.01	(0.01)	(0.01)	0.01
1982	Wet	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.01)	(0.01)	(0.01)	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.01	0.01	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	0.01	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	0.01	0.00	0.00	0.02	0.02	0.02	0.02	0.00	0.01
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.01	0.45	0.00	0.04
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.03	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1997	Wet	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00
	Wet	0.00	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	0.00
	Above Normal	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00
	Below Normal	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	(0.00)	0.00	0.01	0.01	0.00
	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
	Critical	(0.00)	(0.00)	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.04	0.00	0.01

Percent Difference in Energy Use (GWh) At Pumping Plant at Folsom: Alternative4_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	-1%	-1%	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%	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%	1%	0%	1%	1%	1%	0%	0%	1%	0%
1935	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	-1%	3%	6%	5%	3%	1%	1%
1940	Above Normal	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%	0%	-1%
1941	Wet	0%	-1%	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%	-2%	-1%
1944	Dry	-2%	-1%	0%	0%	0%	-1%	0%	0%	1%	1%	0%	1%
1945	Below Normal	1%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	-1%	0%
1946	Below Normal	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	2%
1947	Dry	3%	3%	3%	2%	2%	2%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	3%	5%	3%	0%	-1%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	1%	3%	3%	2%	1%	1%	0%	0%	0%	0%	1%
1960	Dry	0%	0%	0%	1%	0%	0%	0%	0%	0%	1%	0%	0%
1961	Dry	1%	0%	0%	0%	0%	0%	1%	1%	1%	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%	-1%	-1%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	1%	3%	4%	5%	3%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	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%	-2%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	4%	7%	7%	4%	0%	-1%	0%	0%	3%	6%	5%
1980	Above Normal	5%	3%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	1%	0%	1%	1%	1%	1%	1%	1%	1%	0%	0%	-1%
1982	Wet	0%	0%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	1%	0%	0%	1%	1%	1%	1%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	1%	1%	1%	0%	25%	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%	3%	4%	1%	0%	0%	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%	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%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	0%	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	1%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%	0%

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

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

Energy Use (GWh) At Pumping Plant at Misc: Alternative4_2020

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

Difference in Energy Use (GWh) At Pumping Plant at Misc: Alternative4_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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1944	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at Misc: Alternative4_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%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	7.43	11.14	13.54	11.47	7.67	12.60	0.00	0.00	3.66	1.58	2.51	5.49	77.09
1923	Below Normal	6.63	11.17	13.56	12.92	11.33	5.59	0.00	0.00	0.00	3.40	1.57	5.99	72.16
1924	Critical	7.61	10.95	11.08	12.73	4.70	0.00	0.00	0.00	0.00	0.00	0.00	3.18	50.25
1925	Dry	5.37	2.77	12.68	10.67	5.93	5.27	0.00	0.00	0.00	3.04	1.64	3.03	50.40
1926	Dry	5.69	11.10	11.23	10.30	3.14	0.00	0.00	0.00	0.00	0.00	0.00	4.37	45.83
1927	Wet	5.12	11.28	11.94	7.33	10.75	8.29	0.00	0.00	0.00	3.00	3.64	5.94	67.29
1928	Above Normal	3.29	3.51	13.61	11.17	4.85	9.39	0.00	0.00	0.00	2.35	4.09	3.54	55.80
1929	Critical	3.20	5.49	13.63	10.61	8.37	3.85	0.00	0.00	0.00	0.00	5.05	2.05	52.25
1930	Dry	4.53	7.15	9.87	7.51	6.19	2.70	0.00	0.00	0.00	0.00	0.00	0.22	38.17
1931	Critical	4.88	7.85	9.98	10.58	8.60	0.28	0.00	0.00	0.00	0.00	0.00	2.94	45.11
1932	Dry	5.04	5.84	14.02	11.39	4.29	0.11	0.00	0.00	0.00	0.00	2.89	8.09	51.67
1933	Critical	6.62	8.05	10.34	1.42	1.36	0.98	0.00	0.00	0.00	0.00	7.14	7.58	43.49
1934	Critical	4.82	6.39	2.94	0.69	0.64	0.00	0.00	0.00	0.00	0.00	4.45	3.02	22.95
1935	Below Normal	0.99	8.00	14.02	9.26	0.97	0.73	0.00	0.00	0.00	0.00	0.00	5.62	39.59
1936	Below Normal	7.67	9.98	13.18	5.08	1.96	2.77	0.00	0.00	0.00	1.84	0.00	6.03	48.51
1937	Below Normal	7.00	9.55	13.63	9.73	2.80	1.36	2.80	1.15	0.00	0.00	0.00	6.06	54.08
1938	Wet	4.74	11.25	13.42	2.52	2.47	5.75	5.94	10.29	10.32	6.86	2.04	5.28	80.88
1939	Dry	5.36	0.00	13.54	10.85	9.84	1.52	0.00	0.00	0.00	4.06	0.00	5.06	50.23
1940	Above Normal	4.43	9.58	7.58	8.11	8.96	10.46	0.00	0.00	0.00	1.13	3.94	4.72	58.91
1941	Wet	3.29	5.97	14.12	13.97	13.27	11.06	0.00	0.00	0.83	1.96	2.81	5.63	72.91
1942	Wet	3.98	11.18	14.17	14.84	12.89	10.24	0.00	0.00	4.83	1.53	2.47	5.47	81.60
1943	Wet	5.05	11.16	12.86	14.82	12.08	14.30	0.37	0.00	0.11	1.91	2.78	5.61	81.05
1944	Dry	3.69	10.11	13.57	10.90	9.77	3.91	0.00	0.00	0.00	1.82	0.00	1.93	55.70
1945	Below Normal	4.71	11.27	12.20	11.17	12.32	9.84	0.00	0.00	0.00	2.63	3.35	5.87	73.36
1946	Below Normal	7.55	11.20	13.84	13.85	11.37	6.94	0.00	0.00	0.00	2.68	3.38	5.15	75.96
1947	Dry	7.56	11.20	13.60	12.86	8.97	0.00	0.00	0.00	0.00	3.63	0.00	5.28	63.10
1948	Below Normal	5.74	11.24	10.99	6.01	0.66	4.42	0.00	0.00	0.00	3.38	3.86	6.08	52.38
1949	Dry	7.66	11.26	13.65	10.38	8.59	2.07	0.00	0.00	0.00	2.88	2.26	5.92	64.67
1950	Below Normal	7.39	11.21	13.60	6.47	5.88	7.59	0.00	0.00	0.00	3.47	2.27	6.08	63.96
1951	Above Normal	7.66	11.26	14.56	10.99	2.23	3.98	0.00	0.00	0.00	0.00	3.36	5.87	59.91
1952	Wet	4.22	11.06	12.54	13.93	12.49	14.27	2.57	2.98	10.32	2.66	2.04	5.28	94.36
1953	Wet	3.63	9.83	13.54	10.13	9.70	8.41	0.00	0.00	0.00	3.56	4.08	6.01	68.89
1954	Above Normal	0.54	11.24	13.63	6.19	5.79	7.49	0.00	0.00	0.00	0.00	4.09	6.01	54.98
1955	Dry	3.43	11.24	13.63	11.68	9.51	3.91	0.00	0.00	0.00	3.98	0.00	3.91	61.29
1956	Wet	3.60	11.11	14.55	14.90	13.24	5.33	0.00	0.00	1.83	1.79	2.68	5.57	74.60
1957	Above Normal	4.84	11.17	13.57	10.52	3.37	5.63	0.00	0.00	0.00	2.46	4.42	4.48	60.46
1958	Wet	7.65	11.25	11.76	7.95	11.07	10.24	4.36	1.66	10.06	0.97	2.09	5.30	84.36
1959	Below Normal	5.06	9.53	13.54	6.43	7.00	7.65	0.00	0.00	0.00	3.93	4.37	3.46	60.97
1960	Dry	5.03	8.42	11.60	10.47	5.24	3.98	0.00	0.00	0.00	2.55	0.00	5.25	52.54
1961	Dry	5.32	10.67	13.64	10.73	4.28	7.03	0.00	0.00	0.00	3.32	1.38	5.98	62.35
1962	Below Normal	3.21	10.09	9.13	11.47	7.89	8.87	0.00	0.00	0.00	3.30	4.04	5.64	63.64
1963	Wet	7.61	11.23	11.24	7.43	7.38	7.91	0.00	0.00	0.00	3.26	3.78	5.97	65.81
1964	Dry	2.23	11.23	13.62	10.93	7.07	4.51	0.00	0.00	0.00	3.85	0.00	2.40	55.84
1965	Wet	2.69	7.50	12.89	14.58	13.25	10.42	0.00	0.00	0.00	1.93	2.79	5.62	71.67
1966	Below Normal	3.35	11.18	13.57	12.98	10.36	5.80	0.00	0.00	0.00	3.35	3.92	5.87	70.38
1967	Wet	6.50	9.64	12.53	12.24	9.90	9.83	4.36	1.79	10.32	10.17	2.04	5.28	94.60
1968	Below Normal	5.85	5.56	13.54	10.87	4.79	7.65	0.00	0.00	0.00	3.82	4.29	3.41	59.78
1969	Wet	6.27	10.86	13.64	14.90	13.32	5.76	6.63	9.63	10.32	10.17	2.04	2.93	106.47
1970	Wet	6.28	0.00	13.17	14.80	13.00	7.36	0.00	0.00	0.00	0.46	3.39	5.89	64.35
1971	Wet	3.77	3.66	12.69	10.66	8.46	9.20	0.00	0.00	0.00	3.95	4.39	6.05	62.83
1972	Below Normal	4.55	5.96	13.64	10.27	3.79	3.43	0.00	0.00	0.00	3.62	4.13	4.93	54.32
1973	Above Normal	4.50	11.24	12.13	9.23	11.50	9.74	0.00	0.00	0.00	2.97	3.61	2.30	67.22
1974	Wet	3.17	11.22	13.61	14.87	10.47	10.43	0.00	0.00	2.40	1.62	2.54	5.51	75.84
1975	Wet	7.06	11.17	13.56	10.78	7.55	10.34	0.00	0.00	0.90	2.65	3.36	5.87	73.24
1976	Critical	7.55	9.65	13.60	11.47	11.82	6.83	0.00	0.00	0.00	0.00	0.00	0.00	60.92
1977	Critical	1.62	9.36	9.43	8.47	10.15	0.00	0.00	0.00	0.00	0.00	6.45	0.00	45.48
1978	Above Normal	1.13	2.72	8.94	9.43	13.54	14.34	3.06	0.60	9.24	5.64	2.04	5.28	75.96
1979	Below Normal	5.20	6.68	13.54	12.98	11.15	11.17	0.00	0.00	0.00	3.19	3.78	2.74	70.43
1980	Above Normal	7.59	8.54	13.61	14.88	9.74	4.88	1.31	0.00	4.52	3.41	2.71	1.97	73.16
1981	Dry	3.44	9.77	13.57	10.95	8.44	3.81	0.00	0.00	0.00	3.62	0.24	3.37	57.21
1982	Wet	7.62	11.24	11.71	12.32	12.45	10.41	7.45	4.07	9.38	2.01	2.04	5.28	95.98
1983	Wet	10.78	13.06	14.49	14.80	6.60	5.77	6.59	9.60	10.32	10.17	5.94	8.12	116.24
1984	Wet	12.04	6.87	4.42	6.58	6.60	4.00	0.00	0.00	0.00	2.63	3.35	5.87	52.36
1985	Dry	5.29	11.20	13.60	10.99	8.96	5.46	0.00	0.00	0.00	3.09	2.24	5.95	66.78
1986	Wet	7.58	11.22	13.61	6.43	13.24	12.60	3.76	1.12	7.46	2.74	3.39	0.00	83.15
1987	Dry	0.83	0.00	13.26	10.64	8.41	3.82	0.00	0.00	0.00	1.69	0.00	1.90	40.55
1988	Critical	7.69	9.42	10.42	7.35	0.48	0.00	0.00	0.00	0.00	0.02	5.05	0.00	40.43
1989	Dry	1.54	8.22	8.64	10.32	1.90	0.00	0.00	0.00	0.00	2.23	0.00	2.68	35.53
1990	Critical	2.17	7.31	9.90	9.92	5.41	0.00	0.00	0.00	0.00	1.00	1.89	0.00	37.60
1991	Critical	3.67	7.07	7.99	4.25	3.53	0.87	0.00	0.00	0.00	1.04	0.00	0.93	29.35
1992	Critical	4.49	7.12	7.22	4.61	3.96	4.83	0.00	0.00	0.00	2.16	6.92	0.00	41.31
1993	Above Normal	1.38	7.78	11.85	10.69	11.71	9.60	0.00	0.00	0.53	2.70	3.40	5.89	65.53
1994	Critical	6.24	11.21	13.60	10.21	8.36	4.16	0.00	0.00	0.00	5.06	1.50	3.03	63.37
1995	Wet	2.14	10.33	11.78	9.82	11.02	14.30	3.49	11.34	10.52	10.50	2.41	5.39	103.04
1996	Wet	0.52	2.72	11.95	8.79	11.59	14.35	0.00	0.00	0.00	2.21	3.01	5.72	60.86
1997	Wet	2.68	11.19	14.51	14.84	13.14	10.15	0.00	0.00	2.69	1.04	2.81	5.63	78.68
1998	Wet	2.26	3.86	13.57	9.51	13.11	14.27	4.10	2.41	10.32	10.17	2.09	5.29	90.96
1999	Wet	7.43	11.21	13.45	13.35	11.04	10.41	0.00	0.00	0.00	3.02	3.65	2.90	76.46
2000	Above Normal	1.62	11.22	12.32	6.81	11.89	10.42	0.00	0.00	0.00	0.00	3.73	5.95	63.96
2001	Dry	3.15	11.22	13.08	11.18	7.45	5.55	0.00	0.00	0.00	3.98	0.00	1.97	57.58
2002	Dry	6.79	8.16	12.61	8.36	6.23	4.38	0.00	0.00	0.00	3.77	4.24	5.35	59.89
2003	Above Normal	7.33	11.24	12.33	7.01	8.66	7.04	0.00	0.00	0.00	3.22	3.81	4.11	64.75
	Average	4.96	8.95	12.33	10.20	8.10	6.40	0.69	0.69	1.60	2.73	2.58	4.41	63.63
	Wet	5.30	9.27	12.76	11.43	10.77	9.82	1.91	2.11	4.34	3.96	2.99	5.29	79.94
	Above Normal	4.31	9.22	12.31	9.71	8.33	8.80	0.36	0.05	1.50	2.12	3.48	4.63	64.81
	Below Normal	5.35	9.47	13.00	9.96	6.59	5.99	0.20	0.08	0.00	2.76	2.78	5.21	61.39
	Dry	4.55	8.31	12.75	10.62	6.90	3.22	0.00	0.00	0.00	2.64	0.83	4.04	53.85
	Critical	5.05	8.32	10.01	7.69	5.62	1.82	0.00	0.00	0.00	0.77	3.20	1.89	44.38

Energy Use (GWh) At Pumping Plant at O'Neill: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	7.43	11.14	13.54	11.47	7.58	12.76	0.04	0.00	3.21	2.48	3.23	5.93	78.81
1923	Below Normal	7.07	11.58	14.02	12.72	11.26	5.75	0.00	0.00	0.59	4.30	2.26	6.42	75.97
1924	Critical	8.04	11.36	11.54	13.25	4.88	0.00	0.00	0.00	0.00	0.00	0.00	3.19	52.26
1925	Dry	5.38	2.76	12.68	10.67	5.93	5.30	0.00	0.00	0.00	3.25	1.82	3.14	50.93
1926	Dry	5.81	11.21	11.34	10.43	3.18	0.00	0.00	0.00	0.00	0.00	0.00	4.37	46.34
1927	Wet	5.13	11.28	11.94	7.33	10.75	8.44	0.00	0.00	0.00	3.89	4.35	6.37	69.48
1928	Above Normal	3.73	3.91	14.07	11.71	5.03	9.47	0.00	0.00	0.00	2.87	4.51	3.79	59.09
1929	Critical	3.45	5.72	13.90	10.93	8.47	3.85	0.00	0.00	0.00	0.00	5.05	2.05	53.42
1930	Dry	4.53	7.15	9.87	7.51	6.19	2.70	0.00	0.00	0.00	0.00	0.00	0.22	38.17
1931	Critical	4.88	7.85	9.98	10.58	8.60	0.28	0.00	0.00	0.00	0.00	0.00	2.94	45.11
1932	Dry	5.05	5.82	14.02	11.39	4.27	0.00	0.00	0.00	0.00	0.00	3.63	8.53	52.71
1933	Critical	7.06	8.46	11.07	1.95	1.53	0.98	0.00	0.00	0.00	0.00	7.14	7.59	45.78
1934	Critical	4.84	6.41	2.88	0.69	0.64	0.00	0.00	0.00	0.00	0.00	3.56	3.05	22.07
1935	Below Normal	0.95	8.01	14.02	10.05	0.97	0.87	0.00	0.00	0.00	0.43	0.00	6.04	41.34
1936	Below Normal	8.08	10.37	14.08	4.01	2.13	2.92	0.00	0.00	0.00	2.73	0.00	6.46	50.78
1937	Below Normal	7.44	9.97	14.09	9.70	2.80	1.51	2.79	0.76	0.00	0.41	0.00	6.49	55.96
1938	Wet	5.16	11.66	14.55	3.29	2.64	8.95	5.08	4.50	10.32	6.62	2.40	5.64	80.81
1939	Dry	5.89	0.00	13.90	11.21	9.83	1.53	0.00	0.00	0.00	5.21	0.00	5.07	52.64
1940	Above Normal	5.37	9.98	7.85	8.63	9.17	10.59	0.00	0.00	0.00	1.84	4.55	5.50	63.48
1941	Wet	3.69	7.01	14.38	13.96	13.25	10.44	0.00	0.00	1.64	2.87	3.54	6.07	76.85
1942	Wet	4.67	11.59	14.44	14.84	12.57	10.39	0.00	0.00	5.64	2.45	3.21	5.92	85.72
1943	Wet	5.49	11.58	13.32	14.82	11.32	13.95	0.53	0.00	2.44	2.83	3.51	6.05	85.84
1944	Dry	3.76	10.30	14.03	11.44	9.96	4.01	0.00	0.00	0.00	2.09	0.00	2.23	57.82
1945	Below Normal	5.00	11.54	12.50	11.52	9.80	10.59	0.00	0.00	0.00	3.57	4.10	6.32	74.94
1946	Below Normal	7.99	11.62	14.06	13.81	11.51	7.54	0.00	0.00	0.00	3.54	4.07	6.03	80.17
1947	Dry	7.98	11.60	14.05	13.39	9.14	0.00	0.00	0.00	0.00	3.87	0.00	5.38	65.41
1948	Below Normal	5.86	11.36	11.12	6.16	0.71	4.42	0.00	0.00	0.00	3.37	3.87	6.08	52.95
1949	Dry	7.66	11.26	13.65	10.38	8.59	2.07	0.00	0.00	0.00	2.88	2.26	5.92	64.67
1950	Below Normal	7.40	11.21	13.60	6.47	5.89	7.60	0.00	0.00	0.00	3.56	2.34	6.12	64.19
1951	Above Normal	7.70	11.30	14.56	10.97	2.25	4.13	0.00	0.00	0.00	0.00	4.07	6.31	61.29
1952	Wet	4.66	11.48	13.01	14.47	12.48	10.34	0.05	2.54	10.32	3.03	2.41	5.64	90.43
1953	Wet	3.98	11.50	13.90	8.72	9.65	8.43	0.00	0.00	0.00	4.48	4.81	6.42	71.89
1954	Above Normal	0.85	11.62	14.05	6.69	5.97	7.48	0.00	0.00	0.00	0.00	4.07	6.00	56.73
1955	Dry	3.34	11.24	13.63	11.67	9.58	3.92	0.00	0.00	0.00	3.99	0.00	3.91	61.28
1956	Wet	3.62	11.12	13.64	14.00	13.83	5.33	0.00	0.00	2.62	2.68	4.75	6.00	77.59
1957	Above Normal	5.28	11.58	14.03	11.05	3.55	5.77	0.00	0.00	0.00	3.28	5.07	4.88	64.49
1958	Wet	8.05	11.63	12.19	8.44	11.23	10.39	1.45	0.00	7.87	1.58	2.62	5.74	81.19
1959	Below Normal	5.52	11.51	13.91	6.81	7.04	7.64	0.00	0.00	0.00	4.15	4.55	3.80	64.93
1960	Dry	5.15	8.46	11.73	10.63	5.29	3.98	0.00	0.00	0.00	2.55	0.00	5.24	53.03
1961	Dry	5.28	10.68	13.64	10.73	4.28	7.03	0.00	0.00	0.00	3.33	1.38	5.98	62.33
1962	Below Normal	3.23	10.10	9.12	11.48	7.89	9.02	0.00	0.00	0.00	4.16	4.73	6.06	65.79
1963	Wet	8.03	11.63	11.68	7.95	7.28	8.07	0.00	0.00	0.76	4.17	4.51	6.41	70.49
1964	Dry	2.67	11.64	14.08	11.46	7.25	4.51	0.00	0.00	0.00	3.84	0.00	2.40	57.85
1965	Wet	2.68	7.50	12.89	13.99	11.54	10.58	0.00	0.00	0.00	2.88	3.55	6.07	71.68
1966	Below Normal	3.80	11.59	14.04	13.29	10.47	5.91	0.00	0.00	0.00	4.02	4.45	6.18	73.75
1967	Wet	6.83	9.95	12.88	12.65	9.58	9.99	2.09	1.48	10.32	5.98	2.40	5.64	89.79
1968	Below Normal	6.20	12.66	13.90	11.23	4.79	7.65	0.00	0.00	0.00	4.60	4.91	3.80	69.74
1969	Wet	6.66	11.21	14.04	13.42	13.32	8.93	6.14	10.13	10.32	10.53	2.40	4.10	111.20
1970	Wet	6.54	0.00	13.53	14.80	13.00	6.68	0.00	0.00	0.00	1.35	4.10	6.32	66.32
1971	Wet	4.20	3.96	13.15	11.20	8.64	9.30	0.00	0.00	0.00	4.52	4.84	6.33	66.14
1972	Below Normal	4.82	6.24	13.93	10.61	3.91	3.43	0.00	0.00	0.00	3.62	4.13	4.94	55.63
1973	Above Normal	4.50	11.24	12.13	9.23	11.50	9.89	0.00	0.00	0.00	3.85	4.31	4.02	70.67
1974	Wet	3.59	11.62	14.06	14.47	10.45	10.40	0.00	0.00	2.56	2.61	3.34	5.98	79.08
1975	Wet	7.52	11.58	14.03	11.33	7.74	10.49	0.00	0.00	1.66	3.51	4.05	6.30	78.21
1976	Critical	7.98	10.12	14.05	12.00	11.99	6.83	0.00	0.00	0.00	0.00	0.00	0.00	62.97
1977	Critical	1.68	9.36	9.43	8.47	10.14	0.00	0.00	0.00	0.00	0.00	6.14	0.00	45.22
1978	Above Normal	1.26	2.73	8.92	9.43	12.57	14.34	2.50	0.00	4.05	2.75	2.48	5.67	66.70
1979	Below Normal	5.66	11.51	13.90	13.08	11.06	10.48	0.00	0.00	0.00	4.15	4.79	3.33	77.96
1980	Above Normal	8.05	10.84	14.09	14.00	3.04	4.89	1.30	0.00	3.73	4.08	3.42	5.00	72.44
1981	Dry	4.00	10.05	14.03	11.49	8.61	3.96	0.00	0.00	0.00	4.44	0.72	3.72	61.02
1982	Wet	8.02	11.62	12.13	12.81	11.66	10.33	8.62	2.99	6.00	2.37	2.40	5.64	94.59
1983	Wet	7.79	13.06	14.49	14.80	11.20	10.86	8.75	10.42	10.32	10.17	6.30	8.48	126.64
1984	Wet	12.04	7.42	9.52	7.66	6.60	4.01	0.00	0.00	0.00	3.52	4.06	6.30	61.13
1985	Dry	5.73	11.61	14.06	11.52	9.14	5.55	0.00	0.00	0.00	3.63	2.67	6.21	70.12
1986	Wet	7.85	11.47	13.89	6.75	12.16	13.73	3.76	1.12	6.81	3.63	4.10	0.00	85.27
1987	Dry	1.26	0.00	13.71	11.18	8.59	3.82	0.00	0.00	0.00	1.95	0.00	1.89	42.40
1988	Critical	7.69	9.42	10.42	7.35	0.49	0.00	0.00	0.00	0.00	0.01	5.05	0.00	40.43
1989	Dry	1.55	8.20	8.64	10.32	1.90	0.00	0.00	0.00	0.00	2.24	0.00	2.41	35.26
1990	Critical	2.17	7.32	9.89	9.92	5.41	0.00	0.00	0.00	0.00	1.00	0.00	0.93	36.64
1991	Critical	3.49	7.05	8.03	4.24	3.53	0.87	0.00	0.00	0.00	1.05	0.09	0.93	29.28
1992	Critical	4.47	7.22	7.21	4.52	3.96	4.83	0.00	0.00	0.00	0.21	6.92	0.00	39.34
1993	Above Normal	1.37	7.79	11.85	10.69	11.68	9.31	0.00	0.00	1.34	3.61	4.13	6.33	68.10
1994	Critical	6.68	11.62	14.06	10.75	8.54	4.16	0.00	0.00	0.00	5.05	1.50	3.04	65.40
1995	Wet	2.15	10.32	11.78	9.77	9.77	12.33	2.93	4.90	8.33	11.65	3.33	5.92	93.18
1996	Wet	1.00	11.58	12.42	9.34	11.81	10.86	0.00	0.00	0.00	3.26	3.85	6.21	70.33
1997	Wet	2.75	11.60	14.35	14.85	13.15	10.31	0.00	0.00	3.48	1.59	3.53	6.06	81.67
1998	Wet	2.72	4.25	14.03	10.04	11.79	14.21	3.70	2.14	10.39	10.29	2.54	5.69	91.79
1999	Wet	7.80	11.57	13.75	13.72	11.06	10.40	0.00	0.00	0.00	3.90	4.36	3.32	79.88
2000	Above Normal	2.08	11.63	12.80	7.35	12.06	10.56	0.00	0.00	0.00	0.00	4.40	6.36	67.24
2001	Dry	3.54	11.60	13.67	11.68	7.62	5.55	0.00	0.00	0.00	3.98	0.00	1.98	59.62
2002	Dry	6.79	8.17	12.61	8.36	6.22	4.38	0.00	0.00	0.00	3.77	4.24	5.30	59.84
2003	Above Normal	7.33	11.24	12.33	7.01	8.66	7.09	0.00	0.00	0.00	3.52	4.05	4.25	65.48
	Average	5.18	9.48	12.64	10.35	7.99	6.46	0.61	0.50	1.52	3.04	2.93	4.74	65.43
	Wet	5.49	9.97	13.23	11.52	10.71	9.93	1.66	1.55	4.30	4.48	3.66	5.72	82.20
	Above Normal	4.58	9.58	12.52	9.85	7.76	8.86	0.32	0.00	1.03	2.36	4.02	5.34	66.21
	Below Normal	5.64	10.66	13.31	10.07	6.45	6.10	0.20	0.05	0.04	3.33	3.16	5.58	64.58
	Dry	4.74	8.43	12.96	10.86	6.98	3.24	0.00	0.00	0.00	2.83	0.93	4.11	55.08
	Critical	5.20	8.49	10.21	7.89	5.68	1.82	0.00	0.00	0.00	0.61	2.95	1.98	44.83

Difference in Energy Use (GWh) At Pumping Plant at O'Neill: Alternative4_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	(0.09)	0.16	0.04	0.00	(0.45)	0.90	0.72	0.44	0.14
1923	Below Normal	0.44	0.41	0.46	(0.20)	(0.07)	0.16	0.00	0.00	0.59	0.90	0.69	0.43	0.32
1924	Critical	0.43	0.41	0.46	0.52	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.17
1925	Dry	0.01	(0.01)	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.21	0.18	0.11	0.04
1926	Dry	0.12	0.11	0.11	0.13	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1927	Wet	0.01	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.89	0.71	0.43	0.18
1928	Above Normal	0.44	0.40	0.46	0.54	0.18	0.08	0.00	0.00	0.00	0.52	0.42	0.25	0.27
1929	Critical	0.25	0.23	0.27	0.32	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
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	0.01	(0.02)	0.00	0.00	(0.02)	(0.11)	0.00	0.00	0.00	0.00	0.74	0.44	0.09
1933	Critical	0.44	0.41	0.73	0.53	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.19
1934	Critical	0.02	0.02	(0.06)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.89)	0.03	(0.07)
1935	Below Normal	(0.04)	0.01	0.00	0.79	0.00	0.14	0.00	0.00	0.00	0.43	0.00	0.42	0.15
1936	Below Normal	0.41	0.39	0.90	(1.07)	0.17	0.15	0.00	0.00	0.00	0.89	0.00	0.43	0.19
1937	Below Normal	0.44	0.42	0.46	(0.03)	0.00	0.15	(0.01)	(0.39)	0.00	0.41	0.00	0.43	0.16
1938	Wet	0.42	0.41	1.13	0.77	0.17	3.20	(0.86)	(5.79)	0.00	(0.24)	0.36	0.36	(0.01)
1939	Dry	0.53	0.00	0.36	0.36	(0.01)	0.01	0.00	0.00	0.00	1.15	0.00	0.01	0.20
1940	Above Normal	0.94	0.40	0.27	0.52	0.21	0.13	0.00	0.00	0.00	0.71	0.61	0.78	0.38
1941	Wet	0.40	1.04	0.26	(0.01)	(0.02)	(0.62)	0.00	0.00	0.81	0.91	0.73	0.44	0.33
1942	Wet	0.69	0.41	0.27	0.00	(0.32)	0.15	0.00	0.00	0.81	0.92	0.74	0.45	0.34
1943	Wet	0.44	0.42	0.46	0.00	(0.76)	(0.35)	0.16	0.00	2.33	0.92	0.73	0.44	0.40
1944	Dry	0.07	0.19	0.46	0.54	0.19	0.10	0.00	0.00	0.00	0.27	0.00	0.30	0.18
1945	Below Normal	0.29	0.27	0.30	0.35	(2.52)	0.75	0.00	0.00	0.00	0.94	0.75	0.45	0.13
1946	Below Normal	0.44	0.42	0.22	(0.04)	0.14	0.60	0.00	0.00	0.00	0.86	0.69	0.88	0.35
1947	Dry	0.42	0.40	0.45	0.53	0.17	0.00	0.00	0.00	0.00	0.24	0.00	0.10	0.19
1948	Below Normal	0.12	0.12	0.13	0.15	0.05	0.00	0.00	0.00	0.00	(0.01)	0.01	0.00	0.05
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	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.09	0.07	0.04	0.02
1951	Above Normal	0.04	0.04	0.00	(0.02)	0.02	0.15	0.00	0.00	0.00	0.00	0.71	0.44	0.12
1952	Wet	0.44	0.42	0.47	0.54	(0.01)	(3.93)	(2.52)	(0.44)	0.00	0.37	0.37	0.36	(0.33)
1953	Wet	0.35	1.67	0.36	(1.41)	(0.05)	0.02	0.00	0.00	0.00	0.92	0.73	0.41	0.25
1954	Above Normal	0.31	0.38	0.42	0.50	0.18	(0.01)	0.00	0.00	0.00	0.00	(0.02)	(0.01)	0.15
1955	Dry	(0.09)	0.00	0.00	(0.01)	0.07	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1956	Wet	0.02	0.01	(0.91)	(0.90)	0.59	0.00	0.00	0.00	0.79	0.89	2.07	0.43	0.25
1957	Above Normal	0.44	0.41	0.46	0.53	0.18	0.14	0.00	0.00	0.00	0.82	0.65	0.40	0.34
1958	Wet	0.40	0.38	0.43	0.49	0.16	0.15	(2.91)	(1.66)	(2.19)	0.61	0.53	0.44	(0.26)
1959	Below Normal	0.46	1.98	0.37	0.38	0.04	(0.01)	0.00	0.00	0.00	0.22	0.18	0.34	0.33
1960	Dry	0.12	0.04	0.13	0.16	0.05	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.04
1961	Dry	(0.04)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1962	Below Normal	0.02	0.01	(0.01)	0.01	0.00	0.15	0.00	0.00	0.00	0.86	0.69	0.42	0.18
1963	Wet	0.42	0.40	0.44	0.52	(0.10)	0.16	0.00	0.00	0.76	0.91	0.73	0.44	0.39
1964	Dry	0.44	0.41	0.46	0.53	0.18	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.17
1965	Wet	(0.01)	0.00	0.00	(0.59)	(1.71)	0.16	0.00	0.00	0.00	0.95	0.76	0.45	0.00
1966	Below Normal	0.45	0.41	0.47	0.31	0.11	0.11	0.00	0.00	0.00	0.67	0.53	0.31	0.28
1967	Wet	0.33	0.31	0.35	0.41	(0.32)	0.16	(2.27)	(0.31)	0.00	(4.19)	0.36	0.36	(0.40)
1968	Below Normal	0.35	7.10	0.36	0.36	0.00	0.00	0.00	0.00	0.00	0.78	0.62	0.39	0.83
1969	Wet	0.39	0.35	0.40	(1.48)	0.00	3.17	(0.49)	0.50	0.00	0.36	0.36	1.17	0.39
1970	Wet	0.26	0.00	0.36	0.00	0.00	(0.68)	0.00	0.00	0.00	0.89	0.71	0.43	0.16
1971	Wet	0.43	0.30	0.46	0.54	0.18	0.10	0.00	0.00	0.00	0.57	0.45	0.28	0.28
1972	Below Normal	0.27	0.28	0.29	0.34	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.11
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.88	0.70	1.72	0.29
1974	Wet	0.42	0.40	0.45	(0.40)	(0.02)	(0.03)	0.00	0.00	0.16	0.99	0.80	0.47	0.27
1975	Wet	0.46	0.41	0.47	0.55	0.19	0.15	0.00	0.00	0.76	0.86	0.69	0.43	0.41
1976	Critical	0.43	0.47	0.45	0.53	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17
1977	Critical	0.06	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.31)	0.00	(0.02)
1978	Above Normal	0.13	0.01	(0.02)	0.00	(0.97)	0.00	(0.56)	(0.60)	(5.19)	(2.89)	0.44	0.39	(0.77)
1979	Below Normal	0.46	4.83	0.36	0.10	(0.09)	(0.69)	0.00	0.00	0.00	0.96	1.01	0.59	0.63
1980	Above Normal	0.46	2.30	0.48	(0.88)	(6.70)	0.01	(0.01)	0.00	(0.79)	0.67	0.71	3.03	(0.06)
1981	Dry	0.56	0.28	0.46	0.54	0.17	0.15	0.00	0.00	0.00	0.82	0.48	0.35	0.32
1982	Wet	0.40	0.38	0.42	0.49	(0.79)	(0.08)	1.17	(1.08)	(3.38)	0.36	0.36	0.36	(0.12)
1983	Wet	(2.99)	0.00	0.00	0.00	4.60	5.09	2.16	0.82	0.00	0.00	0.36	0.36	0.87
1984	Wet	0.00	0.55	5.10	1.08	0.00	0.01	0.00	0.00	0.00	0.89	0.71	0.43	0.73
1985	Dry	0.44	0.41	0.46	0.53	0.18	0.09	0.00	0.00	0.00	0.54	0.43	0.26	0.28
1986	Wet	0.27	0.25	0.28	0.32	(1.08)	1.13	0.00	0.00	(0.65)	0.89	0.71	0.00	0.18
1987	Dry	0.43	0.00	0.45	0.54	0.18	0.00	0.00	0.00	0.00	0.26	0.00	(0.01)	0.15
1988	Critical	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1989	Dry	0.01	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	(0.27)	(0.02)
1990	Critical	0.00	0.01	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(1.89)	0.93	(0.08)
1991	Critical	(0.18)	(0.02)	0.04	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.09	0.00	(0.01)
1992	Critical	(0.02)	0.10	(0.01)	(0.09)	0.00	0.00	0.00	0.00	0.00	(1.95)	0.00	0.00	(0.16)
1993	Above Normal	(0.01)	0.01	0.00	0.00	(0.03)	(0.29)	0.00	0.00	0.81	0.91	0.73	0.44	0.21
1994	Critical	0.44	0.41	0.46	0.54	0.18	0.00	0.00	0.00	0.00	(0.01)	0.00	0.01	0.17
1995	Wet	0.01	(0.01)	0.00	(0.05)	(1.25)	(1.97)	(0.56)	(6.44)	(2.19)	1.15	0.92	0.53	(0.82)
1996	Wet	0.48	8.86	0.47	0.55	0.22	(3.49)	0.00	0.00	0.00	1.05	0.84	0.49	0.79
1997	Wet	0.07	0.41	(0.16)	0.01	0.01	0.16	0.00	0.00	0.79	0.55	0.72	0.43	0.25
1998	Wet	0.46	0.39	0.46	0.53	(1.32)	(0.06)	(0.40)	(0.27)	0.07	0.12	0.45	0.40	0.07
1999	Wet	0.37	0.36	0.30	0.37	0.02	(0.01)	0.00	0.00	0.00	0.88	0.71	0.42	0.29
2000	Above Normal	0.46	0.41	0.48	0.54	0.17	0.14	0.00	0.00	0.00	0.00	0.67	0.41	0.27
2001	Dry	0.39	0.38	0.59	0.50	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.17
2002	Dry	0.00	0.01	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.30	0.24	0.14	0.06
	Average	0.21	0.53	0.31	0.15	(0.10)	0.06	(0.09)	(0.19)	(0.08)	0.31	0.34	0.33	0.15
	Wet	0.19	0.70	0.47	0.09	(0.06)	0.11	(0.25)	(0.56)	(0.04)	0.52	0.68	0.43	0.19
	Above Normal	0.27	0.36	0.21	0.14	(0.57)	0.06	(0.04)	(0.05)	(0.47)	0.24	0.55	0.70	0.12
	Below Normal	0.29	1.19	0.31	0.10	(0.15)	0.11	(0.00)	(0.03)	0.04	0.57	0.37	0.37	0.27
	Dry	0.19	0.12	0.22	0.24	0.08	0.02	0.00	0.00	0.00	0.20	0.10	0.07	0.10
	Critical	0.16	0.17	0.19	0.20	0.07	0.00	0.00	0.00	0.00	(0.16)	(0.25)	0.08	0.04

Percent Difference in Energy Use (GWh) At Pumping Plant at O'Neill: Alternative4_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%	-1%	1%	-	0%	-12%	57%	29%	8%
1923	Below Normal	7%	4%	3%	-2%	-1%	3%	0%	0%	-	26%	44%	7%
1924	Critical	6%	4%	4%	4%	4%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	1%	0%	0%	0%	7%	11%	4%
1926	Dry	2%	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	2%	0%	0%	0%	30%	20%	7%
1928	Above Normal	13%	11%	3%	5%	4%	1%	0%	0%	0%	22%	10%	7%
1929	Critical	8%	4%	2%	3%	1%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	-100%	0%	0%	0%	0%	26%	5%
1933	Critical	7%	5%	7%	37%	13%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	-20%	1%
1935	Below Normal	-4%	0%	0%	9%	0%	19%	0%	0%	0%	-	0%	7%
1936	Below Normal	5%	4%	7%	-21%	9%	5%	0%	0%	0%	48%	0%	7%
1937	Below Normal	6%	4%	3%	0%	0%	11%	0%	-34%	0%	-	0%	7%
1938	Wet	9%	4%	8%	31%	7%	56%	-14%	-56%	0%	-3%	18%	7%
1939	Dry	10%	0%	3%	3%	0%	1%	0%	0%	0%	28%	0%	0%
1940	Above Normal	21%	4%	4%	6%	2%	1%	0%	0%	0%	63%	15%	17%
1941	Wet	12%	17%	2%	0%	0%	-6%	0%	0%	98%	46%	26%	8%
1942	Wet	17%	4%	2%	0%	-2%	1%	0%	0%	17%	60%	30%	8%
1943	Wet	9%	4%	4%	0%	-6%	-2%	43%	0%	>1,000%	48%	26%	8%
1944	Dry	2%	2%	3%	5%	2%	3%	0%	0%	0%	15%	0%	16%
1945	Below Normal	6%	2%	2%	3%	-20%	8%	0%	0%	0%	36%	22%	8%
1946	Below Normal	6%	4%	2%	0%	1%	9%	0%	0%	0%	32%	20%	17%
1947	Dry	6%	4%	3%	4%	2%	0%	0%	0%	0%	7%	0%	2%
1948	Below Normal	2%	1%	1%	2%	8%	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%	3%	3%	1%
1951	Above Normal	1%	0%	0%	0%	1%	4%	0%	0%	0%	0%	21%	7%
1952	Wet	10%	4%	4%	4%	0%	-28%	-98%	-15%	0%	14%	18%	7%
1953	Wet	10%	17%	3%	-14%	-1%	0%	0%	0%	0%	26%	18%	7%
1954	Above Normal	57%	3%	3%	8%	3%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	-3%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	1%	0%	-6%	-6%	4%	0%	0%	0%	43%	50%	77%	8%
1957	Above Normal	9%	4%	3%	5%	5%	2%	0%	0%	0%	33%	15%	9%
1958	Wet	5%	3%	4%	6%	1%	1%	-67%	-100%	-22%	63%	25%	8%
1959	Below Normal	9%	21%	3%	6%	1%	0%	0%	0%	0%	6%	4%	10%
1960	Dry	2%	0%	1%	2%	1%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	1%	0%	0%	0%	0%	2%	0%	0%	0%	26%	17%	7%
1963	Wet	6%	4%	4%	7%	-1%	2%	0%	0%	-	28%	19%	7%
1964	Dry	20%	4%	3%	5%	3%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	-4%	-13%	2%	0%	0%	0%	49%	27%	8%
1966	Below Normal	13%	4%	3%	2%	1%	2%	0%	0%	0%	20%	14%	5%
1967	Wet	5%	3%	3%	3%	-3%	2%	-52%	-17%	0%	-41%	18%	7%
1968	Below Normal	6%	128%	3%	3%	0%	0%	0%	0%	0%	20%	14%	11%
1969	Wet	6%	3%	3%	-10%	0%	55%	-7%	5%	0%	4%	18%	40%
1970	Wet	4%	0%	3%	0%	0%	-9%	0%	0%	0%	193%	21%	7%
1971	Wet	11%	8%	4%	5%	2%	1%	0%	0%	0%	14%	10%	5%
1972	Below Normal	6%	5%	2%	3%	3%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	2%	0%	0%	0%	30%	19%	75%
1974	Wet	13%	4%	3%	-3%	0%	0%	0%	0%	7%	61%	31%	9%
1975	Wet	7%	4%	3%	5%	3%	1%	0%	0%	84%	32%	21%	7%
1976	Critical	6%	5%	3%	5%	1%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-5%	0%
1978	Above Normal	12%	0%	0%	0%	-7%	0%	-18%	-100%	-56%	-51%	22%	7%
1979	Below Normal	9%	72%	3%	1%	-1%	-6%	0%	0%	0%	30%	27%	22%
1980	Above Normal	6%	27%	4%	-6%	-69%	0%	-1%	0%	-17%	20%	26%	154%
1981	Dry	16%	3%	3%	5%	2%	4%	0%	0%	0%	23%	200%	10%
1982	Wet	5%	3%	4%	4%	-6%	-1%	16%	-27%	-36%	18%	18%	7%
1983	Wet	-28%	0%	0%	0%	70%	88%	33%	9%	0%	0%	6%	4%
1984	Wet	0%	8%	115%	16%	0%	0%	0%	0%	0%	34%	21%	7%
1985	Dry	8%	4%	3%	5%	2%	2%	0%	0%	0%	17%	19%	4%
1986	Wet	4%	2%	2%	5%	-8%	9%	0%	0%	-9%	32%	21%	0%
1987	Dry	52%	0%	3%	5%	2%	0%	0%	0%	0%	15%	0%	-1%
1988	Critical	0%	0%	0%	0%	2%	0%	0%	0%	0%	-50%	0%	0%
1989	Dry	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-10%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-100%	-
1991	Critical	-5%	0%	1%	0%	0%	0%	0%	0%	0%	1%	-	0%
1992	Critical	0%	1%	0%	-2%	0%	0%	0%	0%	0%	-90%	0%	0%
1993	Above Normal	-1%	0%	0%	0%	0%	-3%	0%	0%	153%	34%	21%	7%
1994	Critical	7%	4%	3%	5%	2%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	-1%	-11%	-14%	-16%	-57%	-21%	11%	38%	10%
1996	Wet	92%	326%	4%	6%	2%	-24%	0%	0%	0%	48%	28%	9%
1997	Wet	3%	4%	-1%	0%	0%	2%	0%	0%	29%	53%	26%	8%
1998	Wet	20%	10%	3%	6%	-10%	0%	-10%	-11%	1%	1%	22%	8%
1999	Wet	5%	3%	2%	3%	0%	0%	0%	0%	0%	29%	19%	14%
2000	Above Normal	28%	4%	4%	8%	1%	1%	0%	0%	0%	0%	18%	7%
2001	Dry	12%	3%	5%	4%	2%	0%	0%	0%	0%	0%	0%	1%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
2003	Above Normal	0%	0%	0%	0%	0%	1%	0%	0%	0%	9%	6%	3%
	Average	7%	10%	3%	2%	0%	1%	-2%	-5%	3%	17%	14%	8%
	Wet	9%	17%	7%	2%	1%	5%	-7%	-10%	7%	35%	24%	9%
	Above Normal	12%	5%	2%	2%	-5%	1%	-2%	-8%	6%	18%	17%	25%
	Below Normal	5%	18%	2%	0%	0%	4%	0%	-2%	0%	18%	12%	8%
	Dry	7%	1%	2%	2%	1%	-5%	0%	0%	0%	6%	14%	2%
	Critical	3%	2%	2%	4%	2%	0%	0%	0%	0%	-12%	-10%	0%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.08	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.18	0.27
1923	Below Normal	0.05	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.01	0.11
1924	Critical	0.09	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.06	0.17
1925	Dry	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.08
1926	Dry	0.12	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.06	0.19
1927	Wet	0.05	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.20	0.26
1928	Above Normal	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.08
1929	Critical	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
1930	Dry	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.10
1931	Critical	0.06	0.01	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.05	0.15
1932	Dry	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.13
1933	Critical	0.06	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.06	0.15
1934	Critical	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.11
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
1936	Below Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07
1937	Below Normal	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.10
1938	Wet	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.20
1939	Dry	0.10	0.00	0.00	0.00	0.05	0.07	0.00	0.00	0.00	0.00	0.00	0.06	0.28
1940	Above Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.24
1941	Wet	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.28
1942	Wet	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.27
1943	Wet	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.28
1944	Dry	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.19
1945	Below Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.15
1946	Below Normal	0.04	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.26	0.31
1947	Dry	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.27
1948	Below Normal	0.04	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.18	0.24
1949	Dry	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.21
1950	Below Normal	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.14
1951	Above Normal	0.04	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.17	0.23
1952	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.24
1953	Wet	0.17	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.20	0.40
1954	Above Normal	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.34
1955	Dry	0.15	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.09	0.26
1956	Wet	0.07	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.15	0.26
1957	Above Normal	0.11	0.02	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.10	0.27
1958	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.25
1959	Below Normal	0.16	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.10	0.30
1960	Dry	0.12	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.15
1961	Dry	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08
1962	Below Normal	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.22
1963	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.26
1964	Dry	0.07	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.09	0.19
1965	Wet	0.05	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.12	0.19
1966	Below Normal	0.14	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.12	0.28
1967	Wet	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.35
1968	Below Normal	0.16	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.25
1969	Wet	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.27
1970	Wet	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.16
1971	Wet	0.08	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.13	0.24
1972	Below Normal	0.13	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.01	0.28
1973	Above Normal	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.21
1974	Wet	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.28
1975	Wet	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.28
1976	Critical	0.05	0.00	0.00	0.00	0.05	0.03	0.00	0.00	0.00	0.00	0.00	0.02	0.15
1977	Critical	0.05	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.07	0.15
1978	Above Normal	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.20
1979	Below Normal	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.20
1980	Above Normal	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.18
1981	Dry	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.22
1982	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.11
1983	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.22
1984	Wet	0.14	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.14	0.30
1985	Dry	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.24
1986	Wet	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.13
1987	Dry	0.12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.20
1988	Critical	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1989	Dry	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.12
1990	Critical	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1991	Critical	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.10
1992	Critical	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.15
1993	Above Normal	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.26
1994	Critical	0.11	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.20	0.34
1995	Wet	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.31
1996	Wet	0.18	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.41
1997	Wet	0.06	0.01	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.08	0.18
1998	Wet	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.30
1999	Wet	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.31
2000	Above Normal	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.35
2001	Dry	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06
2002	Dry	0.06	0.01	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.10	0.20
2003	Above Normal	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.36
	Average	0.08	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.11	0.21
	Wet	0.08	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.17	0.26
	Above Normal	0.08	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.16	0.25
	Below Normal	0.10	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.07	0.19
	Dry	0.09	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.07	0.18
	Critical	0.06	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.05	0.14

Energy Use (GWh) At Pumping Plant at Red Bluff: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.08	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.18	0.27
1923	Below Normal	0.05	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.01	0.11
1924	Critical	0.09	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.06	0.17
1925	Dry	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.08
1926	Dry	0.12	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.06	0.19
1927	Wet	0.05	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.20	0.26
1928	Above Normal	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.08
1929	Critical	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
1930	Dry	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.10
1931	Critical	0.06	0.01	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.05	0.15
1932	Dry	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.13
1933	Critical	0.06	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.06	0.15
1934	Critical	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.11
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
1936	Below Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.07
1937	Below Normal	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.10
1938	Wet	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.20
1939	Dry	0.10	0.00	0.00	0.00	0.05	0.06	0.00	0.00	0.00	0.00	0.00	0.05	0.26
1940	Above Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.25
1941	Wet	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.28
1942	Wet	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.27
1943	Wet	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.28
1944	Dry	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.20
1945	Below Normal	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.15
1946	Below Normal	0.04	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.26	0.31
1947	Dry	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.27
1948	Below Normal	0.04	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.18	0.24
1949	Dry	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.21
1950	Below Normal	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.14
1951	Above Normal	0.04	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.17	0.23
1952	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.24
1953	Wet	0.17	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.20	0.40
1954	Above Normal	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.34
1955	Dry	0.15	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.09	0.26
1956	Wet	0.07	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.15	0.26
1957	Above Normal	0.11	0.02	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.10	0.27
1958	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.25
1959	Below Normal	0.16	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.10	0.30
1960	Dry	0.12	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.15
1961	Dry	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.08
1962	Below Normal	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.22
1963	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.26
1964	Dry	0.07	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.09	0.19
1965	Wet	0.05	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.12	0.19
1966	Below Normal	0.14	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.12	0.28
1967	Wet	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.35
1968	Below Normal	0.16	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.25
1969	Wet	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.27
1970	Wet	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.16
1971	Wet	0.08	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.13	0.24
1972	Below Normal	0.13	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.01	0.28
1973	Above Normal	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.21
1974	Wet	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.28
1975	Wet	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.28
1976	Critical	0.05	0.00	0.00	0.00	0.05	0.03	0.00	0.00	0.00	0.00	0.00	0.02	0.15
1977	Critical	0.05	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.07	0.15
1978	Above Normal	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.20
1979	Below Normal	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.19
1980	Above Normal	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.18
1981	Dry	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.22
1982	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.11
1983	Wet	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.22
1984	Wet	0.14	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.14	0.30
1985	Dry	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.24
1986	Wet	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.13
1987	Dry	0.12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.20
1988	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	0.05
1989	Dry	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.12
1990	Critical	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
1991	Critical	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.10
1992	Critical	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.15
1993	Above Normal	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.25
1994	Critical	0.11	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.20	0.34
1995	Wet	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.31
1996	Wet	0.18	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.41
1997	Wet	0.06	0.01	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.08	0.18
1998	Wet	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.30
1999	Wet	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.31
2000	Above Normal	0.15	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.35
2001	Dry	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.06
2002	Dry	0.06	0.01	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.10	0.20
2003	Above Normal	0.13	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.36
	Average	0.08	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.11	0.21
	Wet	0.08	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.17	0.26
	Above Normal	0.08	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.16	0.25
	Below Normal	0.10	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.07	0.19
	Dry	0.09	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.07	0.18
	Critical	0.06	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.05	0.14

Difference in Energy Use (GWh) At Pumping Plant at Red Bluff: Alternative4_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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1940	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	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	0.01	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1953	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1979	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1980	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	Critical	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1994	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	(0.00)	0.00	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00
	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00
	Dry	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Critical	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at Red Bluff: Alternative4_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%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	-14%	0%	0%	0%	0%	0%	-17%
1940	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%
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%	14%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1960	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1966	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1974	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1975	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1979	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-50%
1980	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1988	Critical	-17%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-5%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-1%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-4%
	Dry	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%
	Critical	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	4.71	5.56	4.43	3.66	1.98	2.74	2.91	3.59	4.83	5.94	7.09	6.87	54.31
1923	Below Normal	4.09	4.65	3.79	3.30	1.78	2.08	2.12	2.49	3.42	4.28	4.83	4.60	41.43
1924	Critical	2.67	3.11	2.64	2.04	0.98	1.46	1.28	1.28	1.53	1.97	2.46	2.93	24.35
1925	Dry	1.85	2.36	1.95	1.10	0.42	1.57	1.49	1.96	2.85	3.79	4.73	4.99	29.06
1926	Dry	3.04	3.62	3.07	2.42	1.20	1.92	1.77	1.87	2.32	2.84	3.41	3.77	31.25
1927	Wet	2.38	2.82	2.14	1.39	0.57	1.59	1.80	2.27	3.29	4.24	4.82	4.62	31.93
1928	Above Normal	2.83	3.60	2.97	2.19	1.13	1.79	1.73	2.16	3.11	4.09	4.73	4.72	35.05
1929	Critical	2.95	3.87	3.43	2.58	1.23	1.47	1.10	1.06	1.24	1.69	2.13	2.39	25.14
1930	Dry	1.53	2.14	1.89	1.06	0.38	1.63	1.53	1.58	1.96	2.45	2.88	3.03	22.06
1931	Critical	1.82	2.36	2.10	1.37	0.55	1.24	1.09	1.12	1.39	1.91	2.54	3.08	20.57
1932	Dry	2.02	2.69	2.09	1.09	0.39	1.20	1.07	1.12	1.39	1.87	2.28	2.35	19.56
1933	Critical	1.44	1.86	1.60	1.00	0.42	0.97	0.81	0.81	0.99	1.39	1.76	1.99	15.04
1934	Critical	1.30	1.79	1.58	0.91	0.33	1.18	1.04	1.08	1.35	1.99	2.68	2.99	18.22
1935	Below Normal	1.94	2.59	2.14	1.23	0.46	1.06	0.86	1.70	2.28	2.93	3.48	3.56	24.23
1936	Below Normal	2.09	2.55	2.16	1.52	0.64	1.40	1.36	1.62	2.28	2.97	3.52	3.53	25.64
1937	Below Normal	2.07	2.51	2.05	1.42	0.67	1.10	1.31	1.50	2.00	2.63	3.30	3.70	24.26
1938	Wet	2.45	2.91	2.30	1.58	0.69	1.91	2.07	2.19	2.62	3.39	4.48	4.80	31.39
1939	Dry	3.14	4.32	4.01	3.52	1.95	2.02	2.09	2.38	3.26	4.27	5.05	5.40	41.41
1940	Above Normal	3.44	4.37	3.95	2.95	1.29	2.50	2.27	2.69	3.71	4.81	5.65	5.55	43.18
1941	Wet	3.42	4.36	3.77	2.78	1.17	2.17	2.29	2.81	3.98	5.27	6.42	6.46	44.90
1942	Wet	4.15	5.29	4.63	3.83	1.90	2.93	3.15	3.83	5.29	6.75	7.96	7.66	57.37
1943	Wet	4.69	5.56	4.67	3.84	1.86	2.43	2.36	3.01	4.52	6.28	7.85	8.01	55.08
1944	Dry	5.17	6.44	5.41	4.43	2.20	2.42	2.14	2.29	2.89	3.51	4.02	4.44	45.36
1945	Below Normal	2.87	3.30	2.46	1.56	0.61	1.43	1.76	2.25	3.50	4.82	5.64	5.51	35.71
1946	Below Normal	3.22	3.42	2.56	2.02	1.05	1.76	2.00	2.47	3.67	4.88	5.56	5.32	37.93
1947	Dry	3.06	3.36	2.61	2.02	1.00	1.49	1.60	2.01	3.00	3.99	4.95	5.29	34.38
1948	Below Normal	3.19	3.84	3.40	2.85	1.55	2.39	2.87	3.05	3.64	4.29	4.77	4.61	40.45
1949	Dry	2.71	3.31	2.73	1.83	0.78	1.67	2.05	2.53	3.86	5.31	6.50	6.61	39.89
1950	Below Normal	4.14	5.07	4.30	3.59	1.83	2.56	2.36	2.66	3.33	4.02	4.56	4.47	42.89
1951	Above Normal	2.52	2.71	1.86	1.19	0.57	1.62	1.74	2.19	3.28	4.54	5.51	5.37	33.10
1952	Wet	3.28	3.87	3.20	2.57	1.28	2.30	2.35	2.83	3.80	5.00	6.58	6.81	43.87
1953	Wet	4.42	5.69	4.89	4.44	2.54	2.58	2.46	2.82	3.76	4.68	5.19	4.90	48.37
1954	Above Normal	3.02	3.89	3.27	2.47	1.25	2.34	2.26	2.66	3.63	4.79	5.59	5.34	40.51
1955	Dry	3.23	3.88	2.92	1.95	0.87	1.59	1.51	1.73	2.49	3.33	3.99	4.46	31.95
1956	Wet	2.90	3.53	2.67	1.57	0.64	1.85	2.10	2.71	4.04	5.39	6.57	6.55	40.52
1957	Above Normal	4.14	5.17	4.27	3.48	1.94	2.42	2.31	2.64	3.54	4.56	5.19	5.08	44.74
1958	Wet	2.85	3.20	2.66	1.91	0.87	2.30	2.33	2.98	4.25	5.77	7.71	8.11	44.94
1959	Below Normal	5.22	6.42	5.47	5.01	2.86	2.93	2.66	2.94	3.72	4.52	5.01	4.85	51.61
1960	Dry	2.94	3.69	3.26	2.38	1.07	1.96	2.09	2.43	3.30	4.33	5.13	5.26	37.84
1961	Dry	3.32	4.23	3.32	2.15	0.97	2.03	2.01	2.36	3.54	4.86	0.00	6.01	34.80
1962	Below Normal	3.81	4.66	4.12	3.35	1.58	2.60	2.44	2.85	3.83	4.80	5.45	5.28	44.77
1963	Wet	2.94	2.99	2.30	1.85	0.97	1.86	1.91	2.31	3.24	4.08	4.53	4.25	33.23
1964	Dry	2.53	2.90	2.21	1.65	0.86	1.65	1.69	2.02	2.99	4.00	4.86	5.21	32.57
1965	Wet	3.24	4.11	3.52	2.47	1.08	2.09	1.99	3.54	5.15	6.75	7.84	7.50	49.28
1966	Below Normal	4.71	5.47	4.02	3.11	1.64	2.02	2.08	2.48	3.57	4.67	5.23	4.94	43.94
1967	Wet	2.91	3.39	2.70	1.96	0.93	2.26	2.53	3.15	4.31	5.42	6.94	7.33	43.83
1968	Below Normal	4.69	6.07	5.41	4.72	2.67	2.81	2.60	2.90	3.73	4.58	5.10	4.94	50.22
1969	Wet	2.98	3.53	2.64	1.71	0.71	1.86	1.95	1.94	2.31	2.85	3.68	4.01	30.17
1970	Wet	2.59	3.47	3.39	2.84	1.37	1.56	1.76	2.22	3.42	4.69	5.44	5.41	38.16
1971	Wet	3.43	4.11	3.42	2.90	1.58	2.32	2.16	2.46	3.25	4.01	4.38	4.16	38.18
1972	Below Normal	2.48	3.26	2.69	1.77	0.87	2.05	2.11	2.47	3.50	4.55	5.07	4.81	35.63
1973	Above Normal	2.80	3.04	2.29	1.69	0.80	1.51	1.69	2.12	3.11	4.05	4.69	4.67	32.46
1974	Wet	2.87	3.14	2.40	1.89	0.95	2.06	2.34	3.09	4.64	6.20	7.38	7.14	44.10
1975	Wet	4.28	5.11	4.19	3.47	1.91	2.38	2.75	3.28	4.61	5.80	6.57	6.25	50.60
1976	Critical	3.63	4.40	3.68	2.80	1.40	1.48	1.22	1.29	1.69	2.31	2.88	3.25	30.03
1977	Critical	2.10	2.95	2.77	1.82	0.73	2.26	1.93	1.84	2.00	2.50	2.93	3.18	27.01
1978	Above Normal	2.11	2.98	2.81	1.77	0.63	2.68	2.99	3.43	4.51	5.63	6.86	6.78	43.18
1979	Below Normal	4.18	5.08	4.15	3.40	1.68	1.58	1.63	2.03	2.92	3.79	4.31	4.23	38.98
1980	Above Normal	2.50	2.89	2.28	1.61	0.77	1.84	2.02	2.57	3.79	5.16	6.58	7.00	39.01
1981	Dry	4.61	5.99	5.23	4.29	2.20	2.60	2.52	2.86	3.77	4.71	5.53	5.74	50.05
1982	Wet	3.53	3.92	3.03	2.26	0.97	2.11	1.99	2.20	3.11	4.32	5.81	6.13	39.38
1983	Wet	3.58	3.57	2.60	2.21	1.24	1.86	1.95	1.94	2.22	2.63	3.28	3.36	30.44
1984	Wet	2.00	2.27	2.07	2.11	1.24	1.62	1.74	2.19	3.26	4.35	5.12	5.14	33.11
1985	Dry	3.18	3.44	2.50	1.97	1.03	1.55	1.69	2.11	3.17	4.25	5.15	5.25	35.29
1986	Wet	3.04	3.32	2.60	2.15	1.00	1.44	1.68	2.04	2.85	3.75	4.73	5.26	33.86
1987	Dry	3.67	5.02	4.56	3.62	1.78	1.63	2.06	2.11	2.49	3.20	4.10	4.64	38.88
1988	Critical	2.93	3.73	3.15	2.10	0.96	1.74	1.37	1.28	1.43	1.73	1.94	2.21	24.57
1989	Dry	1.48	1.99	1.66	0.90	0.32	1.26	1.88	2.20	3.01	3.91	4.82	5.14	28.57
1990	Critical	3.16	4.09	3.63	2.60	1.20	1.81	1.49	1.46	1.67	1.98	2.22	2.61	27.92
1991	Critical	1.74	2.47	2.29	1.42	0.55	2.71	2.32	2.26	2.53	2.88	3.28	3.74	28.19
1992	Critical	2.44	3.22	2.92	2.02	0.90	2.43	2.23	2.29	2.73	3.52	4.32	4.80	33.82
1993	Above Normal	3.23	4.30	3.68	2.37	0.98	2.45	3.20	3.67	4.89	5.98	6.80	6.45	48.00
1994	Critical	3.88	4.77	3.92	2.95	1.45	2.35	2.44	2.87	4.25	5.79	0.00	6.85	41.52
1995	Wet	4.46	5.46	4.76	3.91	1.91	3.49	3.37	3.58	4.21	5.22	6.47	6.66	53.50
1996	Wet	4.48	6.09	5.69	5.31	2.62	2.71	3.03	3.61	5.06	6.53	7.43	7.02	59.58
1997	Wet	4.46	5.63	4.45	3.07	1.30	1.95	2.08	2.80	4.37	6.18	7.64	7.60	51.53
1998	Wet	4.85	6.44	5.61	4.59	2.23	3.06	3.10	3.66	4.71	5.58	6.68	6.63	57.14
1999	Wet	3.77	3.78	3.00	2.79	1.52	1.53	1.68	2.08	3.03	3.92	4.44	4.63	36.17
2000	Above Normal	3.17	4.08	3.37	2.69	1.35	1.96	1.99	2.44	3.47	4.64	5.51	5.27	39.94
2001	Dry	3.23	4.06	3.29	2.39	1.15	1.85	1.68	1.86	2.49	3.22	4.10	4.69	34.01
2002	Dry	3.01	3.68	2.93	2.03	0.90	1.85	1.86	2.28	3.30	4.31	5.16	5.48	36.79
2003	Above Normal	3.43	4.25	3.67	2.86	1.33	2.53	2.57	2.99	3.95	4.83	5.47	5.26	43.14
	Average	3.17	3.89	3.25	2.48	1.21	1.99	2.02	2.37	3.24	4.19	4.84	5.08	37.74
	Wet	3.46	4.14	3.43	2.75	1.35	2.16	2.27	2.75	3.82	4.96	6.00	6.02	43.10
	Above Normal	3.16	3.90	3.24	2.41	1.17	2.20	2.31	2.76	3.82	4.92	5.81	5.70	41.39
	Below Normal	3.48	4.21	3.48	2.78	1.42	1.98	2.01	2.39	3.24	4.12	4.70	4.60	38.41
	Dry	2.98	3.73	3.09	2.27	1.08	1.77	1.82	2.09	2.89	3.79	4.26	4.88	34.65
	Critical	2.51	3.22	2.81	1.97	0.89	1.76	1.53	1.55	1.90	2.47	2.43	3.34	26.37

Energy Use (GWh) At Pumping Plant at San Felipe: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	4.71	5.56	4.43	3.66	1.98	2.74	2.92	3.59	4.86	6.01	7.13	6.87	54.46
1923	Below Normal	4.09	4.65	3.79	3.30	1.79	2.09	2.12	2.50	3.41	4.27	4.82	4.59	41.42
1924	Critical	2.66	3.11	2.64	2.03	0.98	1.46	1.28	1.28	1.53	1.97	2.46	2.93	24.33
1925	Dry	1.85	2.36	1.95	1.10	0.42	1.56	1.49	1.96	2.85	3.79	4.74	5.00	29.07
1926	Dry	3.05	3.63	3.08	2.43	1.21	1.92	1.77	1.87	2.32	2.84	3.41	3.76	31.29
1927	Wet	2.38	2.81	2.14	1.39	0.57	1.59	1.80	2.27	3.29	4.25	4.82	4.62	31.93
1928	Above Normal	2.83	3.60	2.97	2.20	1.13	1.79	1.73	2.16	3.11	4.09	4.73	4.72	35.06
1929	Critical	2.95	3.87	3.43	2.58	1.23	1.47	1.10	1.06	1.24	1.69	2.13	2.39	25.14
1930	Dry	1.53	2.14	1.89	1.06	0.38	1.62	1.53	1.58	1.96	2.44	2.88	3.03	22.04
1931	Critical	1.82	2.36	2.09	1.37	0.55	1.24	1.09	1.12	1.39	1.91	2.54	3.08	20.56
1932	Dry	2.02	2.69	2.09	1.09	0.39	1.21	1.07	1.12	1.39	1.87	2.29	2.36	19.59
1933	Critical	1.45	1.86	1.60	1.00	0.42	0.97	0.81	0.80	0.99	1.39	1.76	1.99	15.04
1934	Critical	1.30	1.79	1.51	0.82	0.30	1.09	0.96	1.00	1.27	1.90	2.63	3.01	17.58
1935	Below Normal	1.95	2.61	2.17	1.25	0.47	1.09	0.88	1.73	2.32	2.98	3.54	3.63	24.62
1936	Below Normal	2.13	2.61	2.20	1.53	0.64	1.40	1.36	1.62	2.28	2.97	3.51	3.53	25.78
1937	Below Normal	2.07	2.51	2.05	1.42	0.67	1.09	1.32	1.52	2.07	2.77	3.46	3.88	24.83
1938	Wet	2.57	3.06	2.42	1.67	1.17	9.16	2.09	2.49	3.35	4.36	5.76	6.15	44.25
1939	Dry	4.02	5.49	5.09	4.52	2.51	2.51	2.49	2.68	3.38	4.19	0.00	5.17	42.05
1940	Above Normal	3.29	4.22	3.83	2.77	1.18	2.47	2.25	2.69	3.73	4.85	5.72	5.61	42.61
1941	Wet	3.45	4.37	3.76	2.80	1.19	2.20	2.30	2.88	4.13	5.45	6.56	6.55	45.64
1942	Wet	4.20	5.30	4.62	3.81	1.89	2.95	3.16	3.84	5.29	6.74	7.94	7.64	57.38
1943	Wet	4.67	5.55	4.66	3.85	1.89	2.49	2.42	3.08	4.60	6.35	7.88	8.04	55.48
1944	Dry	5.19	6.45	5.42	4.44	2.19	2.43	2.15	2.31	2.91	3.55	4.07	4.49	45.60
1945	Below Normal	2.89	3.32	2.49	1.57	0.63	1.46	1.75	2.24	3.47	4.76	5.57	5.43	35.58
1946	Below Normal	3.17	3.37	2.52	2.00	1.04	1.76	2.01	2.48	3.69	4.90	5.59	5.33	37.86
1947	Dry	3.07	3.36	2.61	2.02	1.00	1.49	1.60	2.01	3.00	4.00	4.96	5.30	34.42
1948	Below Normal	3.21	3.86	3.42	2.87	1.56	2.39	2.87	3.05	3.64	4.29	4.77	4.61	40.54
1949	Dry	2.71	3.31	2.73	1.83	0.78	1.68	2.05	2.53	3.86	5.31	6.49	6.60	39.88
1950	Below Normal	4.14	5.07	4.30	3.59	1.83	2.56	2.36	2.66	3.32	4.02	4.56	4.47	42.88
1951	Above Normal	2.52	2.71	1.89	1.20	0.57	1.62	1.74	2.19	3.28	4.54	5.51	5.37	33.14
1952	Wet	3.28	3.87	3.20	2.57	1.29	2.36	2.51	3.02	3.96	5.04	6.38	6.39	43.87
1953	Wet	4.03	4.90	3.94	3.58	2.13	2.26	2.20	2.53	3.49	4.47	4.93	4.64	43.10
1954	Above Normal	2.85	3.69	3.08	2.29	1.16	2.28	2.22	2.61	3.60	4.77	5.57	5.31	39.43
1955	Dry	3.22	3.85	2.89	1.93	0.86	1.57	1.50	1.71	2.48	3.33	4.00	4.48	31.82
1956	Wet	2.92	3.58	2.77	1.66	0.65	1.85	2.10	2.71	4.04	5.40	3.93	6.56	38.17
1957	Above Normal	4.15	5.18	4.29	3.49	1.95	2.43	2.32	2.65	3.55	4.56	5.19	5.08	44.84
1958	Wet	2.85	3.20	2.66	1.91	0.87	2.30	2.38	3.10	4.51	6.12	8.06	8.45	46.41
1959	Below Normal	5.42	6.52	5.41	4.88	2.75	2.91	2.65	2.95	3.74	4.54	5.05	4.88	51.70
1960	Dry	2.95	3.70	3.27	2.40	1.08	1.96	2.09	2.43	3.30	4.33	5.13	5.25	37.89
1961	Dry	3.32	4.23	3.32	2.15	0.97	2.03	2.01	2.36	3.54	4.86	0.00	6.01	34.80
1962	Below Normal	3.81	4.66	4.12	3.34	1.58	2.60	2.44	2.85	3.83	4.80	5.45	5.28	44.76
1963	Wet	2.94	2.99	2.30	1.85	0.97	1.86	1.91	2.31	3.24	4.07	4.51	4.24	33.19
1964	Dry	2.52	2.90	2.21	1.64	0.85	1.65	1.69	2.02	2.99	4.00	4.86	5.22	32.55
1965	Wet	3.24	4.11	3.52	2.48	1.10	2.14	2.02	3.59	5.21	6.80	7.83	7.45	49.49
1966	Below Normal	4.67	5.45	4.00	3.09	1.62	2.02	2.09	2.48	3.57	4.66	5.22	4.93	43.80
1967	Wet	2.91	3.38	2.69	1.96	0.93	2.28	2.57	3.27	4.49	5.79	7.56	7.95	45.78
1968	Below Normal	5.10	6.34	5.45	4.76	2.67	2.81	2.59	2.90	3.73	4.58	5.10	4.94	50.97
1969	Wet	2.98	3.54	2.65	1.74	0.73	8.61	2.03	2.08	2.45	3.01	3.82	4.10	37.74
1970	Wet	2.64	3.55	3.46	2.90	1.40	1.58	1.77	2.23	3.43	4.71	5.46	5.41	38.54
1971	Wet	3.42	4.09	3.41	2.89	1.57	2.31	2.16	2.46	3.24	4.00	4.37	4.14	38.06
1972	Below Normal	2.47	3.25	2.68	1.76	0.87	2.05	2.11	2.47	3.50	4.55	5.07	4.80	35.58
1973	Above Normal	2.80	3.04	2.29	1.69	0.80	1.51	1.69	2.12	3.13	4.11	4.75	4.70	32.63
1974	Wet	2.87	3.14	2.40	1.91	0.97	2.10	2.37	3.12	4.66	6.21	7.34	7.07	44.16
1975	Wet	4.23	5.07	4.17	3.42	1.87	2.39	2.75	3.29	4.63	5.82	6.60	6.28	50.52
1976	Critical	3.65	4.42	3.69	2.82	1.41	1.48	1.22	1.29	1.68	2.30	2.87	3.25	30.08
1977	Critical	2.10	2.95	2.77	1.82	0.73	2.26	1.93	1.84	2.00	2.50	2.93	3.19	27.02
1978	Above Normal	2.12	2.98	2.81	1.77	0.64	2.77	3.19	3.66	4.98	6.51	7.99	7.85	47.27
1979	Below Normal	4.83	5.57	4.40	3.63	1.77	1.68	1.65	1.99	2.76	3.51	3.91	3.80	39.50
1980	Above Normal	2.23	2.55	1.96	1.36	0.68	1.84	1.99	2.44	3.51	4.65	5.72	5.94	34.87
1981	Dry	3.83	4.91	4.18	3.36	1.79	2.22	2.21	2.56	3.60	4.72	5.54	5.73	44.65
1982	Wet	3.51	3.89	3.01	2.25	0.97	2.14	2.00	2.22	3.26	4.62	6.19	6.51	40.57
1983	Wet	3.88	3.96	2.87	2.32	11.06	12.73	6.55	3.70	2.22	2.63	3.28	3.36	58.56
1984	Wet	2.00	3.73	12.94	4.40	1.24	1.63	1.74	2.19	3.26	4.35	5.12	5.14	47.74
1985	Dry	3.18	3.44	2.50	1.97	1.03	1.55	1.69	2.11	3.17	4.25	5.15	5.25	35.29
1986	Wet	3.04	3.32	2.60	2.15	1.02	1.48	1.69	2.06	2.91	3.86	4.85	5.40	34.38
1987	Dry	3.76	5.11	4.61	3.66	1.80	1.65	2.07	2.12	2.50	3.20	4.08	4.60	39.16
1988	Critical	2.90	3.69	3.13	2.08	0.95	1.73	1.36	1.28	1.43	1.73	1.94	2.22	24.44
1989	Dry	1.48	2.00	1.67	0.90	0.33	1.27	1.89	2.21	3.01	3.91	4.81	5.14	28.62
1990	Critical	3.16	4.10	3.64	2.61	1.20	1.81	1.50	1.46	1.67	1.99	2.27	2.67	28.08
1991	Critical	1.75	2.49	2.31	1.43	0.55	2.73	2.34	2.27	2.55	2.90	3.30	3.76	28.38
1992	Critical	2.45	3.24	2.93	2.03	0.90	2.45	2.24	2.29	2.72	3.50	4.29	4.77	33.81
1993	Above Normal	3.21	4.28	3.66	2.35	0.97	2.45	3.19	3.65	4.87	5.95	6.44	6.40	47.42
1994	Critical	3.84	4.73	3.89	2.92	1.43	2.35	2.44	2.87	4.26	5.81	0.00	6.87	41.41
1995	Wet	4.48	5.47	4.77	3.92	1.93	3.58	3.47	4.06	5.30	6.53	7.90	8.10	59.51
1996	Wet	5.30	6.51	5.62	5.14	2.50	2.78	3.05	3.56	4.95	6.33	7.14	6.73	59.61
1997	Wet	4.27	5.41	4.29	2.95	1.24	2.00	2.08	2.80	4.37	6.19	7.65	7.59	50.84
1998	Wet	4.84	6.44	5.61	4.58	2.25	3.11	3.15	3.72	4.77	5.61	6.68	6.62	57.38
1999	Wet	3.76	3.76	2.99	2.76	1.49	1.53	1.68	2.08	3.04	3.93	4.46	4.65	36.13
2000	Above Normal	3.18	4.09	3.39	2.70	1.36	1.97	2.00	2.45	3.48	4.65	5.52	5.29	40.08
2001	Dry	3.24	4.07	3.30	2.40	1.15	1.85	1.69	1.87	2.49	3.22	4.10	4.69	34.07
2002	Dry	3.01	3.69	2.94	2.03	0.90	1.85	1.86	2.28	3.30	4.31	5.16	5.47	36.80
2003	Above Normal	3.43	4.25	3.68	2.86	1.34	2.53	2.57	2.99	3.95	4.83	5.46	5.25	43.14
	Average	3.19	3.91	3.37	2.50	1.33	2.30	2.09	2.41	3.27	4.24	4.79	5.12	38.52
	Wet	3.49	4.19	3.83	2.80	1.73	3.13	2.46	2.87	3.93	5.10	6.04	6.15	45.71
	Above Normal	3.11	3.85	3.19	2.36	1.15	2.20	2.32	2.77	3.84	4.96	5.81	5.70	41.25
	Below Normal	3.57	4.27	3.50	2.79	1.42	1.99	2.01	2.39	3.24	4.11	4.69	4.58	38.56
	Dry	3.00	3.74	3.10	2.27	1.09	1.78	1.83	2.10	2.89	3.78	3.98	4.86	34.42
	Critical	2.50	3.22	2.80	1.96	0.89	1.75	1.52	1.55	1.89	2.47	2.43	3.34	26.32

Difference in Energy Use (GWh) At Pumping Plant at San Felipe: Alternative4_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	0.03	0.07	0.04	0.00	0.01
1923	Below Normal	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01	(0.01)	(0.01)	(0.01)	(0.01)	0.00
1924	Critical	(0.01)	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.01	0.01	0.00
1926	Dry	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1927	Wet	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
1928	Above Normal	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1929	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1930	Dry	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1931	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
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00
1933	Critical	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00
1934	Critical	0.00	0.00	(0.07)	(0.09)	(0.03)	(0.09)	(0.08)	(0.08)	(0.08)	(0.09)	(0.05)	0.02	(0.05)
1935	Below Normal	0.01	0.02	0.03	0.02	0.01	0.03	0.02	0.03	0.04	0.05	0.06	0.07	0.03
1936	Below Normal	0.04	0.06	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.01
1937	Below Normal	0.00	0.00	0.00	0.00	0.00	(0.01)	0.01	0.02	0.07	0.14	0.16	0.18	0.05
1938	Wet	0.12	0.15	0.12	0.09	0.48	7.25	0.02	0.30	0.73	0.97	1.28	1.35	1.07
1939	Dry	0.88	1.17	1.08	1.00	0.56	0.49	0.40	0.30	0.12	(0.08)	(5.05)	(0.23)	0.05
1940	Above Normal	(0.15)	(0.15)	(0.12)	(0.18)	(0.11)	(0.03)	(0.02)	0.00	0.02	0.04	0.07	0.06	(0.05)
1941	Wet	0.03	0.01	(0.01)	0.02	0.02	0.03	0.01	0.07	0.15	0.18	0.14	0.09	0.06
1942	Wet	0.05	0.01	(0.01)	(0.02)	(0.01)	0.02	0.01	0.01	0.00	(0.01)	(0.02)	(0.02)	0.00
1943	Wet	(0.02)	(0.01)	(0.01)	0.01	0.03	0.06	0.06	0.07	0.08	0.07	0.03	0.03	0.03
1944	Dry	0.02	0.01	0.01	0.01	(0.01)	0.01	0.01	0.02	0.02	0.04	0.05	0.05	0.02
1945	Below Normal	0.02	0.02	0.03	0.01	0.02	0.03	(0.01)	(0.01)	(0.03)	(0.06)	(0.07)	(0.08)	(0.01)
1946	Below Normal	(0.05)	(0.05)	(0.04)	(0.02)	(0.01)	0.00	0.01	0.01	0.02	0.02	0.03	0.01	(0.01)
1947	Dry	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00
1948	Below Normal	0.02	0.02	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	Wet	0.00	0.00	0.00	0.00	0.01	0.06	0.16	0.19	0.16	0.04	(0.20)	(0.42)	0.00
1953	Wet	(0.39)	(0.79)	(0.95)	(0.86)	(0.41)	(0.32)	(0.26)	(0.29)	(0.27)	(0.21)	(0.26)	(0.26)	(0.44)
1954	Above Normal	(0.17)	(0.20)	(0.19)	(0.18)	(0.09)	(0.06)	(0.04)	(0.05)	(0.03)	(0.02)	(0.02)	(0.03)	(0.09)
1955	Dry	(0.01)	(0.03)	(0.03)	(0.02)	(0.01)	(0.02)	(0.01)	(0.02)	(0.01)	0.00	0.01	0.02	(0.01)
1956	Wet	0.02	0.05	0.10	0.09	0.01	0.00	0.00	0.00	0.00	0.01	(2.64)	0.01	(0.20)
1957	Above Normal	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.12	0.26	0.35	0.35	0.34	0.12
1959	Below Normal	0.20	0.10	(0.06)	(0.13)	(0.11)	(0.02)	(0.01)	0.01	0.02	0.02	0.04	0.03	0.01
1960	Dry	0.01	0.01	0.01	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	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	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.01)	0.00
1964	Dry	(0.01)	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1965	Wet	0.00	0.00	0.00	0.01	0.02	0.05	0.03	0.05	0.06	0.05	(0.01)	(0.05)	0.02
1966	Below Normal	(0.04)	(0.02)	(0.02)	(0.02)	(0.02)	0.00	0.01	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)
1967	Wet	0.00	(0.01)	(0.01)	0.00	0.00	0.02	0.04	0.12	0.18	0.37	0.62	0.62	0.16
1968	Below Normal	0.41	0.27	0.04	0.04	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.06
1969	Wet	0.00	0.01	0.01	0.03	0.02	6.75	0.08	0.14	0.14	0.16	0.14	0.09	0.63
1970	Wet	0.05	0.08	0.07	0.06	0.03	0.02	0.01	0.01	0.01	0.02	0.02	0.00	0.03
1971	Wet	(0.01)	(0.02)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.02)	(0.01)
1972	Below Normal	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.06	0.06	0.03	0.01
1974	Wet	0.00	0.00	0.00	0.02	0.02	0.04	0.03	0.03	0.02	0.01	(0.04)	(0.07)	0.01
1975	Wet	(0.05)	(0.04)	(0.02)	(0.05)	(0.04)	0.01	0.00	0.01	0.02	0.02	0.03	0.03	(0.01)
1976	Critical	0.02	0.02	0.01	0.02	0.01	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1978	Above Normal	0.01	0.00	0.00	0.00	0.01	0.09	0.20	0.23	0.47	0.88	1.13	1.07	0.34
1979	Below Normal	0.65	0.49	0.25	0.23	0.09	0.10	0.02	(0.04)	(0.16)	(0.28)	(0.40)	(0.43)	0.04
1980	Above Normal	(0.27)	(0.34)	(0.32)	(0.25)	(0.09)	0.00	(0.03)	(0.13)	(0.28)	(0.51)	(0.86)	(1.06)	(0.35)
1981	Dry	(0.78)	(1.08)	(1.05)	(0.93)	(0.41)	(0.38)	(0.31)	(0.30)	(0.17)	0.01	0.01	(0.01)	(0.45)
1982	Wet	(0.02)	(0.03)	(0.02)	(0.01)	0.00	0.03	0.01	0.02	0.15	0.30	0.38	0.38	0.10
1983	Wet	0.30	0.39	0.27	0.11	9.82	10.87	4.60	1.76	0.00	0.00	0.00	0.00	2.34
1984	Wet	0.00	1.46	10.87	2.29	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	1.22
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	0.02	0.04	0.01	0.02	0.06	0.11	0.12	0.14	0.04
1987	Dry	0.09	0.09	0.05	0.04	0.02	0.02	0.01	0.01	0.01	0.00	(0.02)	(0.04)	0.02
1988	Critical	(0.03)	(0.04)	(0.02)	(0.02)	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.01	(0.01)
1989	Dry	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.00	0.00	(0.01)	0.00	0.00
1990	Critical	0.00	0.01	0.01	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.05	0.06	0.01
1991	Critical	0.01	0.02	0.02	0.01	0.00	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.02
1992	Critical	0.01	0.02	0.01	0.01	0.00	0.02	0.01	0.00	(0.01)	(0.02)	(0.03)	(0.03)	0.00
1993	Above Normal	(0.02)	(0.02)	(0.02)	(0.02)	(0.01)	0.00	(0.01)	(0.02)	(0.02)	(0.03)	(0.36)	(0.05)	(0.05)
1994	Critical	(0.04)	(0.04)	(0.03)	(0.03)	(0.02)	0.00	0.00	0.00	0.01	0.02	0.00	0.02	(0.01)
1995	Wet	0.02	0.01	0.01	0.01	0.02	0.09	0.10	0.48	1.09	1.31	1.43	1.44	0.50
1996	Wet	0.82	0.42	(0.07)	(0.17)	(0.12)	0.07	0.02	(0.05)	(0.11)	(0.20)	(0.29)	(0.29)	0.00
1997	Wet	(0.19)	(0.22)	(0.16)	(0.12)	(0.06)	0.05	0.00	0.00	0.00	0.01	0.01	(0.01)	(0.06)
1998	Wet	(0.01)	0.00	0.00	(0.01)	0.02	0.05	0.05	0.06	0.06	0.03	0.00	(0.01)	0.02
1999	Wet	(0.01)	(0.02)	(0.01)	(0.03)	(0.03)	0.00	0.00	0.00	0.01	0.01	0.02	0.02	0.00
2000	Above Normal	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01
2001	Dry	0.01	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.01
2002	Dry	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00
2003	Above Normal	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00
	Average	0.02	0.02	0.12	0.01	0.12	0.31	0.06	0.04	0.03	0.05	(0.05)	0.04	0.06
	Wet	0.03	0.06	0.39	0.06	0.38	0.97	0.19	0.12	0.11	0.14	0.04	0.13	0.22
	Above Normal	(0.05)	(0.06)	(0.05)	(0.05)	(0.02)	0.00	0.01	0.00	0.02	0.04	0.00	0.00	(0.01)
	Below Normal	0.09	0.06	0.02	0.01	0.00	0.01	0.00	0.00	(0.00)	(0.01)	(0.01)	(0.02)	0.01
	Dry	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	(0.00)	(0.00)	(0.28)	(0.01)	(0.02)
	Critical	(0.00)	(0.00)	(0.01)	(0.01)	(0.00)	(0.00)	(0.00)	(0.01)	(0.01)	(0.01)	(0.00)	0.01	(0.00)

Percent Difference in Energy Use (GWh) At Pumping Plant at San Felipe: Alternative4_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%	1%	1%	1%	0%
1923	Below Normal	0%	0%	0%	0%	1%	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%	-1%	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%	0%
1930	Dry	0%	0%	0%	0%	0%	-1%	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%	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%
1934	Critical	0%	0%	-4%	-10%	-9%	-8%	-8%	-7%	-6%	-5%	-2%	1%
1935	Below Normal	1%	1%	1%	2%	2%	3%	2%	2%	2%	2%	2%	2%
1936	Below Normal	2%	2%	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	-1%	1%	1%	3%	5%	5%	5%
1938	Wet	5%	5%	5%	6%	70%	380%	1%	14%	28%	29%	29%	28%
1939	Dry	28%	27%	27%	28%	29%	24%	19%	13%	4%	-2%	-100%	-4%
1940	Above Normal	-4%	-3%	-3%	-6%	-9%	-1%	-1%	0%	1%	1%	1%	1%
1941	Wet	1%	0%	0%	1%	2%	1%	0%	2%	4%	3%	2%	1%
1942	Wet	1%	0%	0%	-1%	-1%	1%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	2%	2%	3%	2%	2%	1%	0%	0%
1944	Dry	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%
1945	Below Normal	1%	1%	1%	1%	3%	2%	-1%	0%	-1%	-1%	-1%	-1%
1946	Below Normal	-2%	-1%	-2%	-1%	-1%	0%	0%	0%	1%	0%	1%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1948	Below Normal	1%	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	2%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	1%	3%	7%	7%	4%	1%	-3%	-6%
1953	Wet	-9%	-14%	-19%	-19%	-16%	-12%	-11%	-10%	-7%	-4%	-5%	-5%
1954	Above Normal	-6%	-5%	-6%	-7%	-7%	-3%	-2%	-2%	-1%	0%	0%	-1%
1955	Dry	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%
1956	Wet	1%	1%	4%	6%	2%	0%	0%	0%	0%	0%	-40%	0%
1957	Above Normal	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	2%	4%	6%	6%	5%	4%
1959	Below Normal	4%	2%	-1%	-3%	-4%	-1%	0%	0%	1%	0%	1%	1%
1960	Dry	0%	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1963	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1964	Dry	0%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	2%	2%	2%	1%	1%	1%	0%	-1%
1966	Below Normal	-1%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1967	Wet	0%	0%	0%	0%	0%	1%	2%	4%	4%	7%	9%	8%
1968	Below Normal	9%	4%	1%	1%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	2%	3%	363%	4%	7%	6%	6%	4%	2%
1970	Wet	2%	2%	2%	2%	2%	1%	1%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%
1974	Wet	0%	0%	0%	1%	2%	2%	1%	1%	0%	0%	-1%	-1%
1975	Wet	-1%	-1%	0%	-1%	-2%	0%	0%	0%	0%	0%	0%	0%
1976	Critical	1%	0%	0%	1%	1%	0%	0%	0%	-1%	0%	0%	0%
1977	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	2%	3%	7%	7%	10%	16%	16%	16%
1979	Below Normal	16%	10%	6%	7%	5%	6%	1%	-2%	-5%	-7%	-9%	-10%
1980	Above Normal	-11%	-12%	-14%	-16%	-12%	0%	-1%	-5%	-7%	-10%	-13%	-15%
1981	Dry	-17%	-18%	-20%	-22%	-19%	-15%	-12%	-10%	-5%	0%	0%	0%
1982	Wet	-1%	-1%	-1%	0%	0%	1%	1%	1%	5%	7%	7%	6%
1983	Wet	8%	11%	10%	5%	792%	584%	236%	91%	0%	0%	0%	0%
1984	Wet	0%	64%	525%	109%	0%	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%	2%	3%	1%	1%	2%	3%	3%	3%
1987	Dry	2%	2%	1%	1%	1%	1%	0%	0%	0%	0%	0%	-1%
1988	Critical	-1%	-1%	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%
1989	Dry	0%	1%	1%	0%	3%	1%	1%	0%	0%	0%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	1%	0%	0%	1%	2%	2%
1991	Critical	1%	1%	1%	1%	0%	1%	1%	0%	1%	1%	1%	1%
1992	Critical	0%	1%	0%	0%	0%	1%	0%	0%	0%	-1%	-1%	-1%
1993	Above Normal	-1%	0%	-1%	-1%	-1%	0%	0%	-1%	0%	-1%	-5%	-1%
1994	Critical	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	1%	3%	3%	13%	26%	25%	22%	22%
1996	Wet	18%	7%	-1%	-3%	-5%	3%	1%	-1%	-2%	-3%	-4%	-4%
1997	Wet	-4%	-4%	-4%	-4%	-5%	3%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	1%	2%	2%	2%	1%	1%	0%	0%
1999	Wet	0%	-1%	0%	-1%	-2%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	1%	0%	1%	1%	1%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
	Average	1%	1%	6%	1%	10%	17%	3%	2%	1%	1%	-1%	1%
	Wet	1%	3%	20%	4%	33%	52%	10%	5%	3%	3%	1%	2%
	Above Normal	-2%	-2%	-2%	-2%	-2%	0%	0%	0%	0%	1%	0%	0%
	Below Normal	2%	1%	1%	0%	0%	1%	0%	0%	0%	0%	0%	0%
	Dry	1%	1%	0%	0%	1%	1%	0%	0%	0%	0%	-5%	0%
	Critical	0%	0%	0%	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	3.66	3.19	5.23	8.87	9.48	6.19	7.96	11.31	19.86	24.02	16.73	4.24	120.74
1923	Below Normal	3.23	2.80	4.58	7.73	8.27	3.54	4.26	6.37	11.10	13.40	9.42	2.48	77.18
1924	Critical	1.87	1.59	2.55	4.25	4.58	0.96	1.17	1.73	2.84	3.39	2.53	0.83	28.29
1925	Dry	0.60	0.46	0.65	0.96	1.11	3.00	3.83	7.36	12.85	15.51	10.87	2.83	60.03
1926	Dry	2.14	1.83	2.96	4.94	5.32	1.67	1.97	2.92	4.95	5.95	4.29	1.26	40.20
1927	Wet	0.93	0.75	1.14	1.80	2.00	3.96	5.03	7.44	13.00	15.70	11.00	2.86	65.61
1928	Above Normal	2.17	1.85	2.99	5.00	5.39	2.54	3.95	5.89	10.24	12.36	8.70	2.31	63.39
1929	Critical	1.74	1.48	2.36	3.91	4.22	0.38	0.51	0.74	1.08	1.25	1.06	0.47	19.20
1930	Dry	0.32	0.22	0.24	0.26	0.37	1.15	1.95	2.89	4.90	5.89	4.25	1.25	23.69
1931	Critical	0.93	0.75	1.13	1.78	1.98	1.04	1.27	1.87	3.09	3.68	2.74	0.88	21.14
1932	Dry	0.64	0.49	0.71	1.06	1.21	1.52	1.81	2.67	4.52	5.42	3.93	1.17	25.15
1933	Critical	0.86	0.69	1.04	1.63	1.81	0.68	0.88	1.28	2.05	2.43	1.87	0.67	15.89
1934	Critical	0.47	0.35	0.47	0.65	0.77	1.08	1.31	1.93	3.20	3.82	2.83	0.90	17.78
1935	Below Normal	0.66	0.51	0.73	1.10	1.26	0.38	0.51	3.83	6.58	7.91	5.65	1.59	30.71
1936	Below Normal	1.19	0.98	1.52	2.45	2.68	3.19	3.70	5.50	9.54	11.50	8.12	2.17	52.54
1937	Below Normal	1.64	1.38	2.20	3.63	3.93	1.17	3.17	4.83	8.35	10.06	7.13	1.94	49.43
1938	Wet	1.46	1.22	1.92	3.15	3.43	7.58	8.68	12.92	22.73	27.49	19.11	4.80	114.49
1939	Dry	3.66	3.19	5.23	8.87	9.48	1.93	2.96	4.39	7.56	9.11	3.72	1.78	61.88
1940	Above Normal	1.34	1.11	1.74	2.84	3.09	2.92	4.22	6.43	11.20	13.52	9.50	2.50	60.41
1941	Wet	1.89	1.61	2.58	4.29	4.63	5.37	7.11	10.29	18.05	21.82	15.22	3.89	96.75
1942	Wet	2.96	2.55	4.16	7.01	7.51	6.14	7.94	11.43	20.08	24.28	12.98	4.29	111.33
1943	Wet	3.26	2.83	4.63	7.82	8.37	6.09	7.00	10.41	18.26	22.08	15.40	3.93	110.08
1944	Dry	2.99	2.58	4.21	7.10	7.60	1.97	2.32	3.44	5.88	7.07	5.07	1.45	51.68
1945	Below Normal	1.08	0.88	1.36	2.17	2.39	3.28	5.69	8.45	14.79	17.87	12.50	3.23	73.69
1946	Below Normal	2.45	2.10	3.41	5.71	6.14	4.65	5.69	8.33	14.58	17.61	12.32	3.18	86.17
1947	Dry	2.41	2.07	3.36	5.63	6.05	2.40	3.87	5.75	9.99	12.05	8.49	2.26	64.33
1948	Below Normal	1.70	1.44	2.30	3.80	4.12	0.90	3.11	4.44	7.65	9.22	6.55	1.80	47.03
1949	Dry	1.35	1.13	1.76	2.88	3.13	2.34	5.35	7.78	13.61	16.43	11.51	2.98	70.25
1950	Below Normal	2.26	1.94	3.13	5.24	5.64	2.00	2.94	4.36	7.51	9.05	6.43	1.78	52.28
1951	Above Normal	1.33	1.11	1.73	2.82	3.07	4.92	5.69	8.41	14.71	17.77	12.43	3.21	77.20
1952	Wet	2.44	2.09	3.39	5.68	6.11	6.90	8.68	12.92	22.73	27.49	19.11	4.80	122.34
1953	Wet	3.66	3.19	5.23	8.87	9.48	3.06	4.02	5.94	10.33	12.47	8.78	2.33	77.36
1954	Above Normal	1.75	1.49	2.38	3.94	4.26	3.17	4.04	5.91	10.27	12.39	7.89	2.32	59.81
1955	Dry	1.75	1.48	2.36	3.92	4.24	2.78	3.24	4.81	8.31	10.02	7.10	1.93	51.94
1956	Wet	1.45	1.21	1.92	3.14	3.41	6.89	7.67	10.73	18.84	22.78	12.97	4.04	95.05
1957	Above Normal	3.08	2.66	4.34	7.32	7.84	2.67	3.25	4.80	8.29	10.00	7.08	1.93	63.26
1958	Wet	1.45	1.21	1.91	3.13	3.40	6.18	7.98	12.73	22.39	27.08	18.83	4.74	111.03
1959	Below Normal	3.61	3.14	5.16	8.74	9.34	2.50	3.28	4.95	8.56	10.32	7.30	1.98	68.88
1960	Dry	1.49	1.25	1.97	3.24	3.51	1.64	3.07	4.55	7.85	9.46	2.68	1.84	42.55
1961	Dry	1.38	1.15	1.81	2.95	3.22	2.53	4.54	6.58	11.46	13.84	1.96	2.55	53.97
1962	Below Normal	1.93	1.64	2.64	4.39	4.74	3.07	4.08	6.07	10.57	12.75	8.97	2.37	63.22
1963	Wet	1.79	1.52	2.43	4.03	4.36	3.59	4.59	6.74	11.76	14.19	9.96	2.61	67.57
1964	Dry	1.97	1.68	2.70	4.51	4.86	3.00	3.48	5.17	8.95	10.79	7.63	2.06	56.80
1965	Wet	1.55	1.30	2.06	3.39	3.68	3.38	3.91	10.36	18.18	21.98	9.96	3.91	83.66
1966	Below Normal	2.98	2.57	4.19	7.06	7.57	3.67	4.44	6.50	11.32	13.67	9.60	2.52	76.09
1967	Wet	1.90	1.62	2.60	4.34	4.68	7.23	8.68	12.92	22.73	27.49	19.11	4.80	118.10
1968	Below Normal	3.66	3.19	5.23	8.87	9.48	2.68	3.49	5.24	9.08	10.95	7.74	2.08	71.69
1969	Wet	1.57	1.32	2.09	3.44	3.74	7.58	8.68	12.92	22.73	27.49	19.11	4.80	115.47
1970	Wet	3.66	3.19	5.23	8.87	9.48	4.57	5.69	8.31	14.54	17.57	11.51	3.18	95.80
1971	Wet	2.41	2.07	3.35	5.62	6.03	2.37	3.31	4.90	8.47	10.21	7.23	1.96	57.93
1972	Below Normal	1.48	1.24	1.95	3.20	3.48	3.50	3.97	5.78	10.04	12.11	8.53	2.27	57.55
1973	Above Normal	1.71	1.45	2.31	3.82	4.14	3.89	5.10	7.53	13.15	15.88	11.13	2.89	73.00
1974	Wet	2.19	1.87	3.03	5.06	5.45	6.09	7.90	11.19	19.66	23.77	8.99	4.20	99.40
1975	Wet	3.20	2.77	4.53	7.65	8.19	4.57	6.08	8.41	14.72	17.78	6.75	3.21	87.86
1976	Critical	2.44	2.09	3.39	5.69	6.11	0.93	1.14	1.67	2.74	3.26	2.44	0.81	32.71
1977	Critical	0.58	0.45	0.63	0.92	1.06	0.88	1.08	1.59	2.60	3.09	2.33	0.78	15.99
1978	Above Normal	0.56	0.43	0.59	0.87	1.00	5.19	8.68	12.92	22.73	27.49	19.11	4.80	104.37
1979	Below Normal	3.66	3.19	5.23	8.87	9.48	2.69	4.67	6.94	12.11	14.62	10.26	2.68	84.40
1980	Above Normal	2.02	1.73	2.78	4.65	5.01	6.20	7.15	10.63	18.65	22.55	15.72	4.01	101.10
1981	Dry	3.05	2.64	4.30	7.25	7.76	3.00	3.79	5.78	10.05	12.13	5.81	2.27	67.83
1982	Wet	1.71	1.45	2.31	3.83	4.14	7.14	8.68	12.92	22.73	27.49	19.11	4.80	116.31
1983	Wet	3.66	3.19	5.23	8.87	9.48	7.58	8.68	12.92	22.73	27.49	19.11	4.80	133.74
1984	Wet	3.66	3.19	5.23	8.87	9.48	4.93	5.69	8.45	14.79	17.87	12.50	3.23	97.89
1985	Dry	2.45	2.10	3.41	5.72	6.14	4.03	4.81	7.21	12.59	15.20	10.66	2.78	77.10
1986	Wet	2.10	1.80	2.90	4.84	5.21	3.80	5.59	8.32	14.55	17.57	12.29	3.18	82.15
1987	Dry	2.41	2.07	3.35	5.62	6.04	0.38	2.30	3.40	5.81	6.99	5.01	1.44	44.82
1988	Critical	1.07	0.87	1.34	2.14	2.36	0.38	0.51	0.74	1.08	1.25	1.06	0.47	13.27
1989	Dry	0.32	0.22	0.24	0.26	0.37	0.38	3.04	4.51	7.79	9.38	6.66	1.83	35.00
1990	Critical	1.37	1.14	1.80	2.93	3.19	0.38	0.51	0.74	1.08	1.25	1.06	0.47	15.92
1991	Critical	0.32	0.22	0.24	0.26	0.37	1.40	1.71	2.52	4.25	5.10	3.71	1.12	21.22
1992	Critical	0.82	0.66	0.98	1.53	1.70	1.60	2.29	3.38	5.78	6.95	4.99	1.43	32.11
1993	Above Normal	1.06	0.87	1.33	2.13	2.34	3.66	6.09	8.28	14.49	17.51	5.94	3.17	66.87
1994	Critical	2.40	2.06	3.34	5.59	6.01	4.55	5.18	7.62	13.32	14.79	2.14	2.93	69.93
1995	Wet	2.21	1.90	3.06	5.13	5.52	6.17	8.21	12.07	21.23	25.67	17.87	4.51	113.55
1996	Wet	3.44	2.98	4.89	8.27	8.85	4.87	6.81	9.60	16.83	20.34	6.49	3.64	97.01
1997	Wet	2.77	2.39	3.88	6.52	7.00	6.02	6.91	10.28	18.04	21.81	11.99	3.89	101.50
1998	Wet	2.96	2.55	4.16	7.01	7.51	6.78	8.68	12.92	22.73	27.49	19.11	4.80	126.70
1999	Wet	3.66	3.19	5.23	8.87	9.48	3.65	5.04	7.39	12.91	15.59	10.93	2.84	88.78
2000	Above Normal	2.15	1.84	2.97	4.97	5.35	3.50	4.87	7.13	12.44	15.02	10.54	2.75	73.53
2001	Dry	2.08	1.78	2.86	4.78	5.15	2.62	3.25	4.82	8.33	10.03	7.11	1.94	54.75
2002	Dry	1.45	1.22	1.92	3.14	3.42	3.20	3.73	5.38	9.33	11.26	7.95	2.13	54.13
2003	Above Normal	1.60	1.35	2.15	3.54	3.84	3.79	4.71	6.84	11.94	14.41	10.11	2.64	66.92
	Average	2.02	1.72	2.76	4.60	4.96	3.44	4.55	6.81	11.87	14.31	9.20	2.64	68.88
	Wet	2.46	2.11	3.43	5.75	6.18	5.48	6.82	10.21	17.91	21.65	13.67	3.85	99.52
	Above Normal	1.87	1.59	2.55	4.23	4.57	4.05	5.48	8.01	14.00	16.91	11.24	3.06	77.55
	Below Normal	2.25	1.93	3.12	5.21	5.61	2.66	3.79	5.83	10.13	12.22	8.61	2.29	63.63
	Dry	1.80	1.53	2.45	4.06	4.39	2.20	3.30	4.97	8.60	10.36	6.37	1.99	52.01
	Critical	1.24	1.03	1.61	2.61	2.85	1.19	1.46	2.15	3.59	4.19	2.40	0.98	25.29

Energy Use (GWh) At Pumping Plant at San Luis Other: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	3.66	3.19	5.23	8.87	9.48	6.42	8.19	11.68	20.50	24.80	15.40	4.35	121.77
1923	Below Normal	3.34	2.87	4.73	7.78	8.54	3.74	4.45	6.69	11.64	14.07	9.86	2.57	80.28
1924	Critical	1.97	1.65	2.68	4.47	4.81	0.96	1.18	1.73	2.85	3.39	2.54	0.83	29.06
1925	Dry	0.60	0.46	0.65	0.96	1.11	3.06	3.89	7.47	13.03	15.74	11.03	2.86	60.86
1926	Dry	2.17	1.85	3.00	5.02	5.40	1.66	1.97	2.91	4.93	5.92	4.28	1.26	40.37
1927	Wet	0.93	0.75	1.14	1.80	1.99	4.20	5.27	7.85	13.69	16.55	11.57	2.98	68.72
1928	Above Normal	2.29	1.93	3.15	5.28	5.67	2.68	4.08	6.12	10.63	12.84	9.02	2.38	66.07
1929	Critical	1.81	1.52	2.45	4.07	4.38	0.38	0.51	0.74	1.08	1.25	1.06	0.47	19.72
1930	Dry	0.32	0.22	0.24	0.26	0.37	1.15	1.95	2.89	4.89	5.88	4.25	1.25	23.67
1931	Critical	0.92	0.75	1.13	1.78	1.97	1.04	1.27	1.87	3.09	3.68	2.74	0.88	21.12
1932	Dry	0.64	0.49	0.71	1.06	1.21	1.76	2.04	3.07	5.18	6.24	4.48	1.29	28.17
1933	Critical	0.98	0.77	1.20	1.90	2.09	0.68	0.87	1.28	2.05	2.43	1.87	0.67	16.79
1934	Critical	0.47	0.35	0.46	0.65	0.77	1.07	1.30	1.91	3.17	3.79	2.81	0.90	17.65
1935	Below Normal	0.65	0.51	0.73	1.09	1.25	0.60	0.73	4.21	7.21	8.70	6.17	1.70	33.55
1936	Below Normal	1.30	1.05	1.67	2.71	2.94	3.43	3.94	5.89	10.21	12.33	8.67	2.29	56.43
1937	Below Normal	1.75	1.46	2.35	3.62	3.92	1.40	3.17	4.92	9.01	10.88	7.67	2.06	52.21
1938	Wet	1.57	1.30	1.92	3.15	3.42	7.58	8.68	12.92	22.73	27.49	19.11	4.80	114.67
1939	Dry	3.66	3.19	5.23	8.87	9.48	1.80	2.74	4.10	7.02	8.47	2.82	1.67	59.05
1940	Above Normal	1.27	1.03	1.62	2.64	2.86	3.26	4.59	7.02	12.22	14.76	10.34	2.68	64.29
1941	Wet	2.06	1.73	2.81	4.44	4.83	5.65	7.31	10.63	18.62	22.53	13.20	3.99	97.80
1942	Wet	3.06	2.62	4.30	6.97	7.75	6.34	8.13	11.36	20.64	24.98	13.48	4.38	114.01
1943	Wet	3.37	2.89	4.76	7.77	8.60	6.29	7.19	10.74	18.81	22.76	15.85	4.02	113.05
1944	Dry	3.09	2.65	4.34	7.32	7.83	2.16	2.51	3.75	6.40	7.72	5.50	1.55	54.82
1945	Below Normal	1.17	0.95	1.48	2.39	2.60	3.47	5.84	8.72	15.23	18.41	12.85	3.30	76.41
1946	Below Normal	2.53	2.15	3.51	5.90	6.32	4.85	5.92	8.72	15.24	18.43	12.86	3.30	89.73
1947	Dry	2.53	2.15	3.51	5.90	6.32	2.47	3.97	5.90	10.25	12.37	8.71	2.31	66.39
1948	Below Normal	1.75	1.47	2.36	3.91	4.22	0.90	3.11	4.43	7.64	9.20	6.54	1.80	47.33
1949	Dry	1.35	1.12	1.76	2.87	3.13	2.34	5.34	7.77	13.58	16.41	11.49	2.98	70.14
1950	Below Normal	2.26	1.93	3.13	5.23	5.63	2.02	2.97	4.40	7.58	9.13	6.49	1.79	52.56
1951	Above Normal	1.34	1.11	1.73	2.82	3.10	5.16	5.93	8.81	15.39	18.61	12.99	3.33	80.32
1952	Wet	2.55	2.17	3.55	5.96	6.19	7.14	8.68	12.89	22.68	27.43	19.07	4.79	123.10
1953	Wet	3.65	3.18	5.22	8.85	9.46	2.90	4.05	6.03	10.45	12.63	8.87	2.34	77.63
1954	Above Normal	1.79	1.49	2.41	4.00	4.31	3.20	4.08	5.97	10.38	12.52	7.89	2.34	60.38
1955	Dry	1.76	1.49	2.39	3.96	4.28	2.77	3.23	4.79	8.28	9.98	7.07	1.93	51.93
1956	Wet	1.45	1.21	1.91	3.12	3.40	6.89	7.67	11.13	19.52	23.61	16.43	4.16	100.50
1957	Above Normal	3.20	2.74	4.50	7.60	8.12	2.89	3.47	5.16	8.91	10.76	7.59	2.04	66.98
1958	Wet	1.56	1.29	2.06	3.39	3.66	6.42	8.22	12.15	21.37	25.84	17.98	4.54	108.48
1959	Below Normal	3.46	3.00	4.92	8.33	8.91	2.57	3.43	5.19	8.98	10.83	7.65	2.06	69.33
1960	Dry	1.56	1.30	2.07	3.41	3.69	1.63	3.06	4.54	7.83	9.43	1.60	1.84	41.96
1961	Dry	1.38	1.15	1.81	2.95	3.21	2.52	4.54	6.57	11.46	13.83	1.96	2.55	53.93
1962	Below Normal	1.92	1.64	2.63	4.39	4.73	3.30	4.31	6.46	11.23	13.56	9.52	2.49	66.18
1963	Wet	1.91	1.60	2.59	4.31	4.63	3.81	4.80	7.10	12.36	14.94	10.46	2.71	71.22
1964	Dry	2.08	1.75	2.84	4.76	5.11	3.00	3.49	5.18	8.97	10.82	7.65	2.06	57.71
1965	Wet	1.55	1.30	2.07	3.40	3.69	3.50	4.03	10.59	18.55	22.44	8.55	3.97	83.64
1966	Below Normal	3.05	2.61	4.28	7.22	7.71	3.85	4.62	6.79	11.82	14.28	10.01	2.61	78.85
1967	Wet	1.99	1.68	2.72	4.54	4.88	7.43	8.68	12.92	22.73	27.49	19.11	4.80	118.97
1968	Below Normal	3.66	3.19	5.23	8.87	9.48	2.68	3.70	5.59	9.68	11.69	8.23	2.19	74.19
1969	Wet	1.67	1.39	2.23	3.44	3.74	7.58	8.68	12.92	22.73	27.49	19.11	4.80	115.78
1970	Wet	3.66	3.19	5.23	8.87	9.48	4.61	5.93	8.71	15.22	18.41	12.08	3.30	98.69
1971	Wet	2.53	2.15	3.51	5.90	6.31	2.51	3.45	5.13	8.87	10.70	7.56	2.03	60.65
1972	Below Normal	1.55	1.28	2.05	3.37	3.64	3.51	3.98	5.78	10.04	12.12	8.54	2.27	58.13
1973	Above Normal	1.71	1.45	2.31	3.83	4.14	4.12	5.34	7.92	13.82	16.70	11.67	3.01	76.02
1974	Wet	2.31	1.95	3.18	5.34	5.72	6.20	7.96	11.32	19.86	24.03	8.17	4.23	100.27
1975	Wet	3.25	2.79	4.58	7.74	8.27	4.83	6.35	8.86	15.48	18.73	7.36	3.35	91.59
1976	Critical	2.57	2.18	3.57	6.00	6.42	0.92	1.13	1.66	2.72	3.24	2.43	0.80	33.64
1977	Critical	0.58	0.44	0.62	0.92	1.06	0.88	1.08	1.59	2.60	3.09	2.33	0.78	15.97
1978	Above Normal	0.56	0.43	0.59	0.87	1.00	5.05	8.68	12.64	22.25	26.90	17.19	4.71	100.87
1979	Below Normal	3.59	3.12	5.12	8.68	9.28	2.52	4.25	6.35	11.02	13.32	9.35	2.45	79.05
1980	Above Normal	1.88	1.57	2.54	3.95	4.27	6.21	7.16	11.04	19.36	23.43	16.30	4.13	101.84
1981	Dry	3.17	2.72	4.47	7.54	8.06	3.16	4.01	6.16	10.68	12.90	6.04	2.38	71.29
1982	Wet	1.82	1.52	2.46	4.09	4.40	7.29	8.68	12.92	22.73	27.49	19.11	4.80	117.31
1983	Wet	3.66	3.19	5.23	8.87	9.48	7.58	8.68	12.92	22.73	27.49	19.11	4.80	133.74
1984	Wet	3.66	3.19	5.23	8.87	9.48	4.93	5.93	8.85	15.47	18.71	13.06	3.35	100.73
1985	Dry	2.57	2.18	3.57	5.99	6.42	4.17	4.95	7.45	13.00	15.71	11.00	2.85	79.86
1986	Wet	2.17	1.85	2.99	5.01	5.38	3.72	5.59	8.31	15.22	18.41	12.85	3.30	84.80
1987	Dry	2.53	2.15	3.51	5.90	6.32	0.38	2.27	3.36	5.74	6.90	4.95	1.42	45.43
1988	Critical	1.06	0.86	1.32	2.11	2.33	0.38	0.51	0.74	1.08	1.25	1.06	0.47	13.17
1989	Dry	0.32	0.22	0.24	0.26	0.37	0.38	3.03	4.49	7.74	9.33	6.62	1.82	34.82
1990	Critical	1.37	1.14	1.79	2.91	3.17	0.38	0.51	0.74	1.08	1.25	1.06	0.47	15.87
1991	Critical	0.32	0.22	0.24	0.26	0.37	1.40	1.71	2.52	4.24	5.09	3.70	1.12	21.19
1992	Critical	0.82	0.66	0.98	1.52	1.70	1.60	2.26	3.35	5.71	6.87	4.93	1.42	31.82
1993	Above Normal	1.05	0.86	1.32	2.10	2.32	3.88	6.29	8.62	15.06	18.21	6.49	3.26	69.46
1994	Critical	2.50	2.13	3.47	5.83	6.25	4.56	5.19	7.65	13.36	14.90	2.15	2.93	70.92
1995	Wet	2.22	1.90	3.08	5.14	5.54	6.28	7.83	11.38	20.67	25.01	17.40	4.39	110.84
1996	Wet	3.37	2.90	4.77	8.06	8.61	5.19	6.75	9.56	16.73	20.24	6.54	3.61	96.33
1997	Wet	2.77	2.36	3.86	6.22	6.67	6.26	7.15	10.68	18.72	22.65	12.03	4.01	103.38
1998	Wet	3.08	2.63	4.32	7.29	7.79	6.88	8.52	12.60	22.17	26.81	18.64	4.69	125.42
1999	Wet	3.58	3.11	5.10	8.65	9.24	3.67	5.30	7.83	13.65	16.50	11.54	2.97	91.14
2000	Above Normal	2.28	1.93	3.14	5.27	5.65	3.72	5.09	7.50	13.07	15.79	11.05	2.86	77.35
2001	Dry	2.19	1.85	3.01	5.04	5.41	2.62	3.25	4.82	8.33	10.04	7.11	1.94	55.61
2002	Dry	1.45	1.22	1.92	3.15	3.42	3.20	3.73	5.38	9.33	11.26	7.95	2.13	54.14
2003	Above Normal	1.60	1.35	2.15	3.54	3.84	3.87	4.78	6.97	12.15	14.67	10.29	2.68	67.89
	Average	2.06	1.74	2.82	4.67	5.04	3.53	4.62	6.93	12.10	14.60	9.29	2.68	70.09
	Wet	2.52	2.15	3.49	5.82	6.25	5.60	6.90	10.32	18.17	21.98	13.78	3.89	100.86
	Above Normal	1.89	1.59	2.56	4.23	4.56	4.21	5.64	8.29	14.48	17.50	11.35	3.15	79.44
	Below Normal	2.28	1.95	3.16	5.25	5.66	2.77	3.89	6.01	10.47	12.64	8.89	2.35	65.30
	Dry	1.85	1.56	2.52	4.18	4.51	2.24	3.33	5.03	8.70	10.50	6.36	2.01	52.79
	Critical	1.28	1.06	1.66	2.70	2.94	1.19	1.46	2.15	3.59	4.19	2.39	0.98	25.58

Difference in Energy Use (GWh) At Pumping Plant at San Luis Other: Alternative4_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	0.23	0.23	0.37	0.64	0.78	(1.33)	0.11	0.09
1923	Below Normal	0.11	0.07	0.15	0.05	0.27	0.20	0.19	0.32	0.54	0.67	0.44	0.09	0.26
1924	Critical	0.10	0.06	0.13	0.22	0.23	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.06
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.11	0.18	0.23	0.16	0.03	0.07
1926	Dry	0.03	0.02	0.04	0.08	0.08	(0.01)	0.00	(0.01)	(0.02)	(0.03)	(0.01)	0.00	0.01
1927	Wet	0.00	0.00	0.00	0.00	(0.01)	0.24	0.24	0.41	0.69	0.85	0.57	0.12	0.26
1928	Above Normal	0.12	0.08	0.16	0.28	0.28	0.14	0.13	0.23	0.39	0.48	0.32	0.07	0.22
1929	Critical	0.07	0.04	0.09	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
1930	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00
1931	Critical	(0.01)	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1932	Dry	0.00	0.00	0.00	0.00	0.00	0.24	0.23	0.40	0.66	0.82	0.55	0.12	0.25
1933	Critical	0.12	0.08	0.16	0.27	0.28	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.08
1934	Critical	0.00	0.00	(0.01)	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.03)	(0.03)	(0.02)	0.00	(0.01)
1935	Below Normal	(0.01)	0.00	0.00	(0.01)	(0.01)	0.22	0.22	0.38	0.63	0.79	0.52	0.11	0.24
1936	Below Normal	0.11	0.07	0.15	0.26	0.26	0.24	0.24	0.39	0.67	0.83	0.55	0.12	0.32
1937	Below Normal	0.11	0.08	0.15	(0.01)	(0.01)	0.23	0.00	0.09	0.66	0.82	0.54	0.12	0.23
1938	Wet	0.11	0.08	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
1939	Dry	0.00	0.00	0.00	0.00	0.00	(0.13)	(0.22)	(0.29)	(0.54)	(0.64)	(0.90)	(0.11)	(0.24)
1940	Above Normal	(0.07)	(0.08)	(0.12)	(0.20)	(0.23)	0.34	0.37	0.59	1.02	1.24	0.84	0.18	0.32
1941	Wet	0.17	0.12	0.23	0.15	0.20	0.28	0.20	0.34	0.57	0.71	(2.02)	0.10	0.09
1942	Wet	0.10	0.07	0.14	(0.04)	0.24	0.20	0.19	(0.07)	0.56	0.70	0.50	0.09	0.22
1943	Wet	0.11	0.06	0.13	(0.05)	0.23	0.20	0.19	0.33	0.55	0.68	0.45	0.09	0.25
1944	Dry	0.10	0.07	0.13	0.22	0.23	0.19	0.19	0.31	0.52	0.65	0.43	0.10	0.26
1945	Below Normal	0.09	0.07	0.12	0.22	0.21	0.19	0.15	0.27	0.44	0.54	0.35	0.07	0.23
1946	Below Normal	0.08	0.05	0.10	0.19	0.18	0.20	0.23	0.39	0.66	0.82	0.54	0.12	0.30
1947	Dry	0.12	0.08	0.15	0.27	0.27	0.07	0.10	0.15	0.26	0.32	0.22	0.05	0.17
1948	Below Normal	0.05	0.03	0.06	0.11	0.10	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.01)	0.00	0.02
1949	Dry	0.00	(0.01)	0.00	(0.01)	0.00	0.00	(0.01)	(0.01)	(0.03)	(0.02)	(0.02)	0.00	(0.01)
1950	Below Normal	0.00	(0.01)	0.00	(0.01)	(0.01)	0.02	0.03	0.04	0.07	0.08	0.06	0.01	0.02
1951	Above Normal	0.01	0.00	0.00	0.00	0.03	0.24	0.24	0.40	0.68	0.84	0.56	0.12	0.26
1952	Wet	0.11	0.08	0.16	0.28	0.08	0.24	0.00	(0.03)	(0.05)	(0.06)	(0.04)	(0.01)	0.06
1953	Wet	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.16)	0.03	0.09	0.12	0.16	0.09	0.01	0.02
1954	Above Normal	0.04	0.00	0.03	0.06	0.05	0.03	0.04	0.06	0.11	0.13	0.00	0.02	0.05
1955	Dry	0.01	0.01	0.03	0.04	0.04	(0.01)	(0.01)	(0.02)	(0.03)	(0.04)	(0.03)	0.00	0.00
1956	Wet	0.00	0.00	(0.01)	(0.02)	(0.01)	0.00	0.00	0.40	0.68	0.83	3.46	0.12	0.45
1957	Above Normal	0.12	0.08	0.16	0.28	0.28	0.22	0.22	0.36	0.62	0.76	0.51	0.11	0.31
1958	Wet	0.11	0.08	0.15	0.26	0.26	0.24	0.24	(0.58)	(1.02)	(1.24)	(0.85)	(0.20)	(0.21)
1959	Below Normal	(0.15)	(0.14)	(0.24)	(0.41)	(0.43)	0.07	0.15	0.24	0.42	0.51	0.35	0.08	0.04
1960	Dry	0.07	0.05	0.10	0.17	0.18	(0.01)	(0.01)	(0.01)	(0.02)	(0.03)	(1.08)	0.00	(0.05)
1961	Dry	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	(0.01)	0.00	(0.01)	0.00	0.00	0.00
1962	Below Normal	(0.01)	0.00	(0.01)	0.00	(0.01)	0.23	0.23	0.39	0.66	0.81	0.55	0.12	0.25
1963	Wet	0.12	0.08	0.16	0.28	0.27	0.22	0.21	0.36	0.60	0.75	0.50	0.10	0.30
1964	Dry	0.11	0.07	0.14	0.25	0.25	0.00	0.01	0.01	0.02	0.03	0.02	0.00	0.08
1965	Wet	0.00	0.00	0.01	0.01	0.01	0.12	0.12	0.23	0.37	0.46	(1.41)	0.06	0.00
1966	Below Normal	0.07	0.04	0.09	0.16	0.14	0.18	0.18	0.29	0.50	0.61	0.41	0.09	0.23
1967	Wet	0.09	0.06	0.12	0.20	0.20	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.07
1968	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.35	0.60	0.74	0.49	0.11	0.21
1969	Wet	0.10	0.07	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.04	0.24	0.40	0.68	0.84	0.57	0.12	0.24
1971	Wet	0.12	0.08	0.16	0.28	0.28	0.14	0.14	0.23	0.40	0.49	0.33	0.07	0.23
1972	Below Normal	0.07	0.04	0.10	0.17	0.16	0.01	0.01	0.00	0.00	0.01	0.01	0.00	0.05
1973	Above Normal	0.00	0.00	0.00	0.01	0.00	0.23	0.24	0.39	0.67	0.82	0.54	0.12	0.25
1974	Wet	0.12	0.08	0.15	0.28	0.27	0.11	0.06	0.13	0.20	0.26	(0.82)	0.03	0.07
1975	Wet	0.05	0.02	0.05	0.09	0.08	0.26	0.27	0.45	0.76	0.95	0.61	0.14	0.31
1976	Critical	0.13	0.09	0.18	0.31	0.31	(0.01)	(0.01)	(0.01)	(0.02)	(0.02)	(0.01)	(0.01)	0.08
1977	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
1978	Above Normal	0.00	0.00	0.00	0.00	0.00	(0.14)	0.00	(0.28)	(0.48)	(0.59)	(1.92)	(0.09)	(0.29)
1979	Below Normal	(0.07)	(0.07)	(0.11)	(0.19)	(0.20)	(0.17)	(0.42)	(0.59)	(1.09)	(1.30)	(0.91)	(0.23)	(0.45)
1980	Above Normal	(0.14)	(0.16)	(0.24)	(0.70)	(0.74)	0.01	0.01	0.41	0.71	0.88	0.58	0.12	0.06
1981	Dry	0.12	0.08	0.17	0.29	0.30	0.16	0.22	0.38	0.63	0.77	0.23	0.11	0.29
1982	Wet	0.11	0.07	0.15	0.26	0.26	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.08
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	0.24	0.40	0.68	0.84	0.56	0.12	0.24
1985	Dry	0.12	0.08	0.16	0.27	0.28	0.14	0.14	0.24	0.41	0.51	0.34	0.07	0.23
1986	Wet	0.07	0.05	0.09	0.17	0.17	(0.08)	0.00	(0.01)	0.67	0.84	0.56	0.12	0.22
1987	Dry	0.12	0.08	0.16	0.28	0.28	0.00	(0.03)	(0.04)	(0.07)	(0.09)	(0.06)	(0.02)	0.05
1988	Critical	(0.01)	(0.01)	(0.02)	(0.03)	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1989	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.05)	(0.05)	(0.04)	(0.01)	(0.02)
1990	Critical	0.00	0.00	(0.01)	(0.02)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00
1992	Critical	0.00	0.00	0.00	(0.01)	0.00	0.00	(0.03)	(0.03)	(0.07)	(0.08)	(0.06)	(0.01)	(0.02)
1993	Above Normal	(0.01)	(0.01)	(0.01)	(0.03)	(0.02)	0.22	0.20	0.34	0.57	0.70	0.55	0.09	0.22
1994	Critical	0.10	0.07	0.13	0.24	0.24	0.01	0.01	0.03	0.04	0.11	0.01	0.00	0.08
1995	Wet	0.01	0.00	0.02	0.01	0.02	0.11	(0.38)	(0.69)	(0.56)	(0.66)	(0.47)	(0.12)	(0.23)
1996	Wet	(0.07)	(0.08)	(0.12)	(0.21)	(0.24)	0.32	(0.06)	(0.04)	(0.10)	(0.10)	0.05	(0.03)	(0.06)
1997	Wet	0.00	(0.03)	(0.02)	(0.30)	(0.33)	0.24	0.24	0.40	0.68	0.84	0.04	0.12	0.16
1998	Wet	0.12	0.08	0.16	0.28	0.28	0.10	(0.16)	(0.32)	(0.56)	(0.68)	(0.47)	(0.11)	(0.11)
1999	Wet	(0.08)	(0.08)	(0.13)	(0.22)	(0.24)	0.02	0.26	0.44	0.74	0.91	0.61	0.13	0.20
2000	Above Normal	0.13	0.09	0.17	0.30	0.30	0.22	0.22	0.37	0.63	0.77	0.51	0.11	0.32
2001	Dry	0.11	0.07	0.15	0.26	0.26	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.07
2002	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
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.08	0.07	0.13	0.21	0.26	0.18	0.04	0.08
	Average	0.04	0.02	0.05	0.07	0.07	0.09	0.08	0.12	0.23	0.29	0.09	0.04	0.10
	Wet	0.06	0.03	0.07	0.07	0.08	0.12	0.09	0.11	0.26	0.32	0.11	0.04	0.11
	Above Normal	0.02	(0.00)	0.01	0.00	(0.00)	0.15	0.16	0.28	0.48	0.59	0.11	0.08	0.16
	Below Normal	0.03	0.02	0.04	0.04	0.05	0.12	0.10	0.18	0.34	0.42	0.28	0.06	0.14
	Dry	0.05	0.03	0.07	0.12	0.12	0.04	0.04	0.07	0.11	0.13	(0.01)	0.02	0.06
	Critical	0.04	0.03	0.05	0.10	0.10	(0.00)	(0.00)	(0.00)	(0.01)	(0.00)	(0.01)	(0.00)	0.03

Percent Difference in Energy Use (GWh) At Pumping Plant at San Luis Other: Alternative4_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%	4%	3%	3%	3%	3%	-8%	3%
1923	Below Normal	3%	3%	3%	1%	3%	6%	4%	5%	5%	5%	5%	4%
1924	Critical	5%	4%	5%	5%	5%	0%	1%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	2%	2%	1%	1%	1%	1%	1%
1926	Dry	1%	1%	1%	2%	2%	-1%	0%	0%	0%	-1%	0%	0%
1927	Wet	0%	0%	0%	0%	-1%	6%	5%	6%	5%	5%	5%	4%
1928	Above Normal	6%	4%	5%	6%	5%	6%	3%	4%	4%	4%	4%	3%
1929	Critical	4%	3%	4%	4%	4%	0%	0%	0%	0%	0%	0%	0%
1930	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1931	Critical	-1%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%	0%
1932	Dry	0%	0%	0%	0%	0%	16%	13%	15%	15%	15%	14%	10%
1933	Critical	14%	12%	15%	17%	15%	0%	-1%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	-2%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%	0%
1935	Below Normal	-2%	0%	0%	-1%	-1%	58%	43%	10%	10%	10%	9%	7%
1936	Below Normal	9%	7%	10%	11%	10%	8%	6%	7%	7%	7%	7%	6%
1937	Below Normal	7%	6%	7%	0%	0%	20%	0%	2%	8%	8%	8%	6%
1938	Wet	8%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	-7%	-7%	-7%	-7%	-7%	-24%	-6%
1940	Above Normal	-5%	-7%	-7%	-7%	-7%	12%	9%	9%	9%	9%	9%	7%
1941	Wet	9%	7%	9%	3%	4%	5%	3%	3%	3%	3%	-13%	3%
1942	Wet	3%	3%	3%	-1%	3%	3%	2%	-1%	3%	3%	4%	2%
1943	Wet	3%	2%	3%	-1%	3%	3%	3%	3%	3%	3%	3%	2%
1944	Dry	3%	3%	3%	3%	3%	10%	8%	9%	9%	9%	8%	7%
1945	Below Normal	8%	8%	9%	10%	9%	6%	3%	3%	3%	3%	3%	2%
1946	Below Normal	3%	2%	3%	3%	3%	4%	4%	5%	5%	5%	4%	4%
1947	Dry	5%	4%	4%	5%	4%	3%	3%	3%	3%	3%	3%	2%
1948	Below Normal	3%	2%	3%	3%	2%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	-1%	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%
1951	Above Normal	1%	0%	0%	0%	1%	5%	4%	5%	5%	5%	5%	4%
1952	Wet	5%	4%	5%	5%	1%	3%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	-5%	1%	2%	1%	1%	1%	0%
1954	Above Normal	2%	0%	1%	2%	1%	1%	1%	1%	1%	1%	0%	1%
1955	Dry	1%	1%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1956	Wet	0%	0%	-1%	-1%	0%	0%	0%	4%	4%	4%	27%	3%
1957	Above Normal	4%	3%	4%	4%	4%	8%	7%	8%	7%	8%	7%	6%
1958	Wet	8%	7%	8%	8%	8%	4%	3%	-5%	-5%	-5%	-5%	-4%
1959	Below Normal	-4%	-4%	-5%	-5%	-5%	3%	5%	5%	5%	5%	5%	4%
1960	Dry	5%	4%	5%	5%	5%	-1%	0%	0%	0%	0%	-40%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	-1%	0%	0%	0%	0%	7%	6%	6%	6%	6%	6%	5%
1963	Wet	7%	5%	7%	7%	6%	6%	5%	5%	5%	5%	5%	4%
1964	Dry	6%	4%	5%	6%	5%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	0%	0%	4%	3%	2%	2%	2%	-14%	2%
1966	Below Normal	2%	2%	2%	2%	2%	5%	4%	4%	4%	4%	4%	4%
1967	Wet	5%	4%	5%	5%	4%	3%	0%	0%	0%	0%	0%	0%
1968	Below Normal	0%	0%	0%	0%	0%	0%	6%	7%	7%	7%	6%	5%
1969	Wet	6%	5%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	1%	4%	5%	5%	5%	5%	4%
1971	Wet	5%	4%	5%	5%	5%	6%	4%	5%	5%	5%	5%	4%
1972	Below Normal	5%	3%	5%	5%	5%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	6%	5%	5%	5%	5%	5%	4%
1974	Wet	5%	4%	5%	6%	5%	2%	1%	1%	1%	1%	-9%	1%
1975	Wet	2%	1%	1%	1%	1%	6%	4%	5%	5%	5%	9%	4%
1976	Critical	5%	4%	5%	5%	5%	-1%	-1%	-1%	-1%	-1%	0%	-1%
1977	Critical	0%	-2%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1978	Above Normal	0%	0%	0%	0%	0%	-3%	0%	-2%	-2%	-2%	-10%	-2%
1979	Below Normal	-2%	-2%	-2%	-2%	-2%	-6%	-9%	-9%	-9%	-9%	-9%	-9%
1980	Above Normal	-7%	-9%	-9%	-15%	-15%	0%	0%	4%	4%	4%	4%	3%
1981	Dry	4%	3%	4%	4%	4%	5%	6%	7%	6%	6%	4%	5%
1982	Wet	6%	5%	6%	7%	6%	2%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	4%	5%	5%	5%	4%	4%
1985	Dry	5%	4%	5%	5%	5%	3%	3%	3%	3%	3%	3%	3%
1986	Wet	3%	3%	3%	4%	3%	-2%	0%	0%	5%	5%	5%	4%
1987	Dry	5%	4%	5%	5%	5%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1988	Critical	-1%	-1%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1989	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%
1990	Critical	0%	0%	-1%	-1%	-1%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	-1%	0%	0%	-1%	-1%	-1%	-1%	-1%	-1%
1993	Above Normal	-1%	-1%	-1%	-1%	-1%	6%	3%	4%	4%	4%	9%	3%
1994	Critical	4%	3%	4%	4%	4%	0%	0%	0%	0%	1%	0%	0%
1995	Wet	0%	0%	1%	0%	0%	2%	-5%	-6%	-3%	-3%	-3%	-3%
1996	Wet	-2%	-3%	-2%	-3%	-3%	7%	-1%	0%	-1%	0%	1%	-1%
1997	Wet	0%	-1%	-1%	-5%	-5%	4%	3%	4%	4%	4%	0%	3%
1998	Wet	4%	3%	4%	4%	4%	1%	-2%	-2%	-2%	-2%	-2%	-2%
1999	Wet	-2%	-3%	-2%	-2%	-3%	1%	5%	6%	6%	6%	6%	5%
2000	Above Normal	6%	5%	6%	6%	6%	6%	5%	5%	5%	5%	5%	4%
2001	Dry	5%	4%	5%	5%	5%	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%	2%	1%	2%	2%	2%	2%	2%
	Average	2%	2%	2%	2%	2%	3%	2%	2%	2%	2%	1%	2%
	Wet	3%	2%	2%	2%	2%	2%	2%	2%	2%	2%	1%	1%
	Above Normal	0%	0%	0%	-1%	-1%	4%	3%	4%	4%	4%	3%	3%
	Below Normal	2%	2%	2%	2%	2%	8%	5%	3%	4%	4%	3%	3%
	Dry	2%	2%	2%	2%	2%	2%	1%	2%	1%	2%	-2%	1%
	Critical	3%	2%	2%	3%	3%	0%	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	126.49	199.59	151.40	118.85	85.47	156.43	48.24	69.01	141.36	163.01	146.55	116.52	1,522.92
1923	Below Normal	128.05	200.90	145.56	131.24	126.31	82.06	37.21	47.47	94.20	139.22	109.63	116.53	1,358.38
1924	Critical	160.58	130.89	119.53	137.93	57.88	17.56	25.91	33.55	18.15	36.12	35.96	67.17	841.23
1925	Dry	82.23	42.13	134.89	120.95	77.97	83.04	39.02	56.00	98.34	145.11	155.51	80.57	1,115.76
1926	Dry	99.61	131.10	119.54	111.20	43.30	24.46	33.57	36.79	56.94	88.29	77.37	90.54	912.71
1927	Wet	89.63	145.57	131.74	87.76	134.75	117.55	37.07	51.71	87.98	145.82	133.77	112.83	1,276.18
1928	Above Normal	77.96	90.05	159.53	121.41	59.24	129.65	37.19	43.85	76.64	128.73	129.83	86.38	1,140.46
1929	Critical	73.58	96.49	151.11	111.69	97.04	65.55	21.56	30.19	21.32	55.48	134.43	64.17	922.61
1930	Dry	80.30	83.63	105.49	85.72	79.85	52.26	39.66	50.06	37.61	78.91	60.73	51.54	805.76
1931	Critical	90.49	99.15	110.48	119.77	109.17	22.54	23.04	33.19	21.21	33.26	36.57	66.63	765.50
1932	Dry	79.36	69.91	161.49	130.65	59.55	24.00	23.83	34.81	48.79	50.80	90.50	139.47	913.16
1933	Critical	103.70	101.88	119.58	22.13	23.58	30.77	21.87	31.12	20.37	35.04	158.73	119.14	787.91
1934	Critical	83.06	81.87	38.65	15.25	16.68	16.36	23.05	33.26	22.45	38.72	106.91	65.92	542.18
1935	Below Normal	40.84	92.50	148.43	105.10	20.11	32.01	27.87	41.84	75.98	93.82	62.80	107.86	849.16
1936	Below Normal	141.17	123.58	146.82	60.18	23.45	50.09	38.01	45.93	79.08	120.84	81.68	122.13	1,032.96
1937	Below Normal	140.63	118.99	153.26	108.15	30.64	20.43	49.33	53.93	41.77	99.92	74.41	144.81	1,036.27
1938	Wet	89.39	145.89	146.13	31.50	28.21	62.42	87.02	192.93	152.54	173.86	146.29	109.94	1,366.12
1939	Dry	120.56	65.01	142.48	113.42	108.29	37.92	27.25	40.94	34.91	129.34	86.19	96.14	1,002.45
1940	Above Normal	80.65	102.14	74.56	80.38	102.29	147.26	42.46	49.86	82.85	124.69	132.44	97.40	1,116.98
1941	Wet	82.15	97.58	134.85	141.43	155.48	154.70	53.18	71.10	121.17	155.81	140.53	114.88	1,422.86
1942	Wet	117.63	172.47	144.04	160.86	147.47	142.47	52.13	72.41	131.83	162.27	137.46	113.29	1,554.33
1943	Wet	120.83	193.70	133.20	160.73	142.43	175.42	49.56	57.25	111.16	157.72	142.80	113.59	1,558.39
1944	Dry	99.76	139.26	133.72	112.04	108.20	64.29	34.15	39.36	52.64	105.15	80.89	66.25	1,035.71
1945	Below Normal	82.63	136.99	131.24	125.06	145.94	139.04	39.52	54.61	76.44	150.60	136.05	116.27	1,334.39
1946	Below Normal	171.09	146.76	164.68	154.77	149.46	98.80	35.94	54.69	88.80	150.23	134.58	103.75	1,453.55
1947	Dry	170.71	146.98	161.87	142.31	107.80	28.36	30.62	44.26	59.47	139.04	108.33	99.08	1,238.83
1948	Below Normal	93.59	129.73	114.80	65.18	26.79	70.79	29.87	42.15	74.75	126.49	117.28	115.54	1,006.96
1949	Dry	146.52	132.97	148.18	115.54	106.02	43.57	30.33	49.36	69.02	148.93	165.72	113.72	1,269.88
1950	Below Normal	110.82	128.22	139.87	71.24	68.75	105.23	31.25	41.24	58.36	126.20	105.37	116.16	1,102.71
1951	Above Normal	152.52	148.53	178.37	130.83	28.46	62.15	37.72	53.99	88.00	121.83	137.16	118.22	1,257.78
1952	Wet	99.84	161.81	134.96	162.82	135.84	174.77	62.19	103.67	154.15	167.84	147.26	113.80	1,618.95
1953	Wet	97.43	157.80	150.83	105.03	105.40	111.96	35.69	46.53	65.53	138.40	128.02	113.58	1,256.20
1954	Above Normal	60.27	150.22	151.72	68.14	69.21	102.84	33.84	44.80	78.62	100.11	126.81	114.28	1,100.86
1955	Dry	89.14	140.77	156.86	128.54	115.65	65.13	30.14	41.35	37.91	134.59	99.94	86.40	1,126.42
1956	Wet	74.09	125.51	163.25	178.84	160.50	59.34	42.71	66.49	130.32	159.98	138.44	115.55	1,415.02
1957	Above Normal	124.81	191.43	143.65	110.04	51.85	82.63	35.17	42.64	60.17	120.39	126.90	93.06	1,182.74
1958	Wet	125.41	164.85	128.15	88.58	132.26	146.75	77.02	90.93	153.76	165.70	148.35	112.51	1,534.27
1959	Below Normal	93.06	166.18	140.42	70.69	79.82	103.12	36.80	46.22	57.16	135.03	127.05	82.25	1,137.80
1960	Dry	110.12	97.48	121.57	110.98	63.78	65.95	27.74	55.65	52.52	120.49	80.86	97.42	1,004.56
1961	Dry	88.13	111.74	149.17	115.11	54.87	100.17	33.27	47.74	44.55	159.17	98.35	121.58	1,123.85
1962	Below Normal	71.76	108.01	88.88	113.21	90.22	118.36	38.49	45.95	61.84	137.87	129.06	104.78	1,108.43
1963	Wet	126.60	149.03	126.99	85.35	88.03	109.99	34.86	49.99	96.34	142.91	128.85	119.93	1,258.87
1964	Dry	66.29	179.10	165.54	123.15	86.89	71.77	28.03	42.80	40.88	136.32	106.14	72.16	1,119.07
1965	Wet	64.92	85.36	126.30	166.28	150.44	148.36	40.39	61.45	99.93	161.27	134.25	113.98	1,352.93
1966	Below Normal	120.97	180.38	154.76	136.04	117.38	84.42	34.53	46.37	63.17	140.87	129.44	106.44	1,314.77
1967	Wet	135.53	115.45	133.47	134.90	117.31	128.36	73.36	96.60	154.83	181.50	149.81	109.45	1,530.57
1968	Below Normal	105.16	122.36	141.12	111.70	64.35	103.24	36.29	48.28	58.11	138.02	126.65	82.35	1,137.63
1969	Wet	123.47	124.16	158.04	162.62	176.13	62.68	97.91	180.46	152.12	177.82	145.05	83.42	1,643.88
1970	Wet	114.34	81.03	140.90	167.21	154.89	105.08	33.45	50.48	71.75	130.21	132.67	116.26	1,298.27
1971	Wet	93.27	82.66	134.14	112.64	96.74	122.97	34.42	42.79	74.89	132.48	125.70	109.91	1,162.61
1972	Below Normal	109.34	82.02	158.36	114.81	49.17	57.50	30.68	44.51	59.31	139.69	127.45	96.78	1,069.62
1973	Above Normal	111.57	145.12	133.56	104.45	145.68	135.21	36.73	51.63	87.85	145.55	131.89	74.85	1,304.09
1974	Wet	74.47	147.37	157.74	167.31	125.72	150.74	45.52	59.39	118.03	160.56	128.64	113.86	1,449.35
1975	Wet	114.62	207.94	153.74	112.68	85.19	146.53	40.54	52.65	112.86	149.42	124.43	114.43	1,415.03
1976	Critical	126.32	152.38	154.55	121.26	142.33	100.35	31.76	32.99	17.74	51.05	26.37	32.47	989.57
1977	Critical	52.89	99.34	89.86	84.72	115.20	20.48	23.85	33.78	16.75	32.88	124.82	31.08	725.65
1978	Above Normal	42.53	40.20	85.02	94.70	159.17	173.38	64.59	86.31	150.18	175.39	150.22	114.25	1,335.94
1979	Below Normal	123.99	127.13	155.31	133.52	136.83	164.75	36.75	58.87	83.92	143.39	129.29	77.65	1,371.40
1980	Above Normal	164.69	106.68	162.40	180.12	113.44	54.45	45.94	65.56	135.56	161.56	144.15	78.54	1,413.09
1981	Dry	77.37	158.09	141.85	112.47	93.83	62.08	40.02	51.51	60.47	139.91	122.77	82.21	1,142.58
1982	Wet	119.02	132.00	126.95	132.78	155.89	147.15	110.66	115.58	151.94	168.19	146.20	114.11	1,620.47
1983	Wet	151.35	161.23	171.13	168.81	67.47	62.67	95.36	176.38	200.39	235.80	148.11	155.45	1,794.15
1984	Wet	174.70	86.98	49.62	68.08	75.38	62.19	38.04	50.77	90.98	147.51	134.16	119.27	1,097.68
1985	Dry	97.65	147.22	164.29	122.55	107.58	81.77	38.16	50.58	65.80	144.43	157.56	113.39	1,290.98
1986	Wet	124.85	150.53	148.51	71.04	162.14	154.17	59.24	69.03	117.44	148.51	135.81	31.51	1,372.78
1987	Dry	55.31	60.62	126.29	109.31	95.10	64.41	26.19	38.46	49.73	122.71	53.37	66.91	868.41
1988	Critical	115.70	101.93	105.94	81.41	21.49	16.39	26.99	30.60	14.95	73.43	135.93	37.92	762.68
1989	Dry	52.25	98.06	95.09	116.86	31.57	22.65	35.92	45.13	68.15	134.00	83.64	76.30	859.62
1990	Critical	62.03	84.96	98.31	105.86	66.10	21.43	22.11	32.18	13.75	78.84	85.73	35.10	706.40
1991	Critical	72.76	80.32	79.21	47.56	46.82	29.74	31.11	37.43	36.89	91.29	65.64	48.55	667.32
1992	Critical	73.82	79.71	74.15	52.73	50.28	71.59	26.65	39.42	37.96	114.58	138.14	25.06	784.09
1993	Above Normal	46.51	83.98	110.20	112.86	132.90	124.35	34.59	52.69	110.43	151.55	125.74	115.41	1,201.21
1994	Critical	124.53	149.11	166.12	106.87	96.08	59.90	35.18	55.67	49.13	157.27	98.81	72.23	1,170.90
1995	Wet	55.18	115.33	121.36	103.35	120.65	174.04	58.14	136.78	139.17	156.66	130.45	116.74	1,427.85
1996	Wet	86.95	86.77	127.72	93.71	142.09	178.27	43.32	48.08	102.67	137.25	106.90	113.56	1,267.29
1997	Wet	119.30	182.01	175.70	180.95	165.73	131.07	38.07	46.15	122.00	132.52	115.43	113.29	1,522.22
1998	Wet	75.34	105.39	152.90	104.09	152.15	174.43	62.29	69.82	143.25	159.80	131.75	114.49	1,445.70
1999	Wet	131.92	159.85	159.98	155.02	166.58	163.95	32.36	38.62	82.84	122.49	111.13	100.76	1,425.50
2000	Above Normal	74.79	159.83	144.13	78.99	154.95	157.73	32.60	38.03	87.61	91.70	112.48	115.02	1,247.86
2001	Dry	92.10	174.24	152.97	130.06	92.42	87.49	29.09	31.08	52.56	138.82	63.81	69.19	1,113.83
2002	Dry	106.05	102.77	148.11	101.32	80.99	72.14	28.57	33.05	57.42	111.76	130.39	100.08	1,072.65
2003	Above Normal	109.01	137.29	132.73	85.34	105.04	100.60	31.16	37.07	75.77	124.23	113.36	92.09	1,143.69
	Average	101.71	125.56	135.12	112.20	98.03	92.06	40.32	56.32	80.08	128.65	117.45	96.07	1,183.55
	Wet	107.01	136.09	139.71	127.09	128.65	129.54	55.17	80.69	120.76	156.63	134.32	110.78	1,426.44
	Above Normal	97.65	129.59	135.61	107.18	100.64	118.89	40.02	52.95	97.92	134.06	131.46	101.34	1,247.30
	Below Normal	109.51	133.13	141.68	107.21	80.66	87.85	35.90	48.00	69.49	131.59	113.62	106.66	1,165.29
	Dry	95.19	115.62	140.52	116.79	84.09	58.41	31.98	43.83	54.87	123.77	101.23	90.16	1,056.46
	Critical	94.96	104.84	108.96	83.93	70.22	39.39	26.09	35.28	24.22	66.50	95.67	55.45	805.50

Energy Use (GWh) At Pumping Plant at System Total: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	126.49	199.59	151.40	118.85	84.96	156.92	48.75	69.97	141.99	165.98	144.84	117.24	1,526.98
1923	Below Normal	128.77	201.69	146.31	129.11	125.03	82.68	37.59	48.30	95.75	141.86	111.20	117.24	1,365.53
1924	Critical	160.92	131.44	120.29	139.00	58.79	17.56	25.91	33.62	18.17	36.16	35.97	67.29	845.12
1925	Dry	82.36	42.00	134.83	120.95	77.96	83.10	39.14	56.28	98.75	145.89	156.16	80.80	1,118.22
1926	Dry	99.82	131.28	119.65	111.43	43.53	24.43	33.56	36.77	56.82	88.23	77.05	90.50	913.07
1927	Wet	89.65	145.57	131.74	87.77	134.77	118.10	37.55	52.74	89.29	148.80	135.86	113.55	1,285.39
1928	Above Normal	78.69	90.59	160.25	122.40	60.09	129.98	37.46	44.44	77.39	130.43	131.04	86.79	1,149.55
1929	Critical	74.00	96.76	151.49	112.27	97.42	65.53	21.56	30.19	21.32	55.49	134.43	64.19	924.65
1930	Dry	80.32	83.67	105.47	85.72	79.85	52.21	39.66	50.04	37.56	78.85	60.70	51.54	805.59
1931	Critical	90.51	99.20	110.44	119.78	109.22	22.55	23.04	33.19	21.21	33.26	36.57	66.66	765.63
1932	Dry	79.41	69.78	161.49	130.65	59.23	23.08	24.30	35.82	50.07	52.45	92.96	140.13	919.37
1933	Critical	104.38	102.41	123.16	23.31	24.40	30.77	21.87	31.12	20.36	35.02	158.72	119.31	794.83
1934	Critical	83.29	82.03	38.22	15.23	16.69	16.12	22.92	33.09	22.33	38.45	96.62	66.19	531.18
1935	Below Normal	40.43	91.91	148.00	113.13	20.04	32.52	28.34	42.84	77.23	96.09	63.94	108.56	863.03
1936	Below Normal	141.66	123.86	162.05	44.87	26.53	52.37	38.47	46.93	80.36	123.72	82.78	122.85	1,046.45
1937	Below Normal	141.39	119.66	153.89	107.74	30.61	38.38	49.27	50.82	42.69	102.18	75.70	145.25	1,057.58
1938	Wet	89.85	145.49	169.53	39.38	30.46	108.21	77.32	119.98	153.53	174.90	148.56	110.78	1,367.99
1939	Dry	122.19	66.28	137.55	112.18	106.52	38.60	26.15	40.77	33.62	131.79	72.65	92.56	980.86
1940	Above Normal	85.73	102.74	73.96	81.88	103.92	147.77	43.16	51.35	84.81	128.04	135.01	101.67	1,140.04
1941	Wet	82.89	104.90	135.83	141.35	155.06	149.38	53.59	72.08	123.56	158.80	137.57	115.26	1,430.27
1942	Wet	121.90	182.45	144.63	160.97	144.97	143.05	52.53	72.26	134.00	164.98	139.42	114.04	1,575.20
1943	Wet	121.56	193.42	133.96	160.66	136.60	171.70	50.25	58.20	123.74	160.50	144.75	114.35	1,569.69
1944	Dry	90.70	143.53	134.33	113.23	108.94	64.60	34.53	40.17	55.99	105.30	82.22	66.94	1,040.48
1945	Below Normal	83.12	137.16	131.64	125.59	122.07	160.57	39.80	55.25	77.24	152.97	137.69	117.04	1,340.14
1946	Below Normal	171.14	147.37	163.91	151.80	149.89	104.81	36.42	55.70	87.56	153.15	136.65	109.10	1,467.50
1947	Dry	171.37	147.50	162.57	143.35	108.41	28.53	30.80	44.65	59.97	140.04	110.68	99.10	1,246.97
1948	Below Normal	93.70	129.55	112.36	65.51	27.08	70.79	29.86	42.13	74.72	126.35	117.30	115.53	1,004.88
1949	Dry	146.45	132.96	147.38	115.50	105.99	43.57	30.32	49.33	68.96	148.87	165.59	113.72	1,268.64
1950	Below Normal	110.84	128.22	139.89	71.24	68.77	105.29	31.29	41.35	58.50	126.49	105.58	116.23	1,103.69
1951	Above Normal	152.60	148.60	177.89	130.25	33.51	62.87	38.19	55.01	89.29	123.51	139.24	118.93	1,269.89
1952	Wet	100.56	162.46	135.70	163.79	135.56	144.53	57.58	99.89	154.26	168.31	147.41	114.74	1,584.79
1953	Wet	97.33	231.93	154.64	89.57	106.10	114.05	35.39	46.23	65.41	139.74	128.87	115.28	1,324.54
1954	Above Normal	58.74	152.09	153.44	69.62	70.52	103.04	33.86	44.87	78.77	100.14	126.76	114.31	1,106.16
1955	Dry	89.10	142.09	157.09	128.74	116.65	65.22	30.09	41.28	37.80	134.51	98.98	86.29	1,127.84
1956	Wet	74.22	124.29	156.93	170.75	180.24	59.34	42.71	67.51	132.69	162.96	144.66	116.22	1,432.52
1957	Above Normal	125.44	191.61	144.33	111.21	52.70	83.11	35.60	43.58	61.36	123.10	128.80	93.72	1,194.56
1958	Wet	126.03	165.36	128.79	89.48	132.82	147.28	72.42	86.66	149.19	164.58	147.92	113.35	1,523.88
1959	Below Normal	93.98	209.68	140.84	71.13	80.09	102.97	37.10	46.85	57.99	136.33	127.43	84.56	1,188.95
1960	Dry	110.99	96.87	121.63	111.14	63.75	65.96	27.73	55.62	52.49	120.47	78.44	97.28	1,002.37
1961	Dry	87.76	111.77	149.15	115.12	54.88	100.18	33.26	47.73	44.53	159.59	97.86	121.53	1,123.36
1962	Below Normal	71.91	108.07	88.82	113.23	90.23	118.90	38.95	46.94	63.10	140.78	131.07	105.47	1,117.47
1963	Wet	127.27	149.58	127.69	86.32	86.71	110.57	35.28	50.90	98.34	145.70	130.81	120.69	1,269.86
1964	Dry	67.02	179.49	166.33	124.25	87.64	71.76	28.05	42.83	40.93	136.36	106.27	72.20	1,123.13
1965	Wet	64.92	85.36	126.31	162.74	138.88	148.64	40.67	62.12	100.70	163.63	132.38	114.79	1,341.14
1966	Below Normal	121.73	178.70	155.61	135.85	117.82	84.84	34.88	47.11	64.37	143.06	130.98	106.83	1,321.78
1967	Wet	136.03	115.88	134.02	135.67	114.44	128.99	68.66	93.99	155.07	176.04	151.17	112.84	1,522.80
1968	Below Normal	109.80	177.62	141.08	112.06	64.38	103.25	36.69	49.17	59.25	140.63	128.48	82.97	1,205.38
1969	Wet	124.04	124.41	158.61	145.33	193.94	108.16	90.18	190.00	152.31	178.57	145.75	91.97	1,703.27
1970	Wet	115.51	79.13	140.85	166.63	154.36	96.77	33.93	51.52	73.40	133.27	134.80	116.98	1,297.15
1971	Wet	94.58	82.13	134.93	113.69	97.42	123.39	34.68	43.38	75.64	134.04	127.05	110.47	1,171.40
1972	Below Normal	109.57	82.72	158.91	115.51	49.61	57.49	30.69	44.52	59.32	139.70	127.46	96.84	1,072.34
1973	Above Normal	111.58	145.12	133.56	104.45	145.67	135.75	37.19	52.63	89.15	148.53	134.01	89.65	1,327.29
1974	Wet	75.16	147.93	158.45	157.57	124.51	149.86	45.69	59.78	118.66	162.53	128.00	114.77	1,442.91
1975	Wet	115.53	204.88	154.66	114.02	86.27	147.08	41.08	53.81	115.38	152.59	126.62	115.13	1,427.05
1976	Critical	127.03	153.86	155.28	122.22	142.89	100.37	31.74	32.96	17.69	50.27	26.74	32.44	993.49
1977	Critical	53.41	99.30	89.82	84.74	115.11	20.48	23.85	33.78	16.75	32.88	121.40	31.11	722.63
1978	Above Normal	43.68	40.25	84.80	94.58	142.63	167.18	60.97	77.88	139.04	171.31	148.51	114.20	1,285.03
1979	Below Normal	123.58	214.46	155.51	131.59	134.28	158.13	35.92	57.28	81.42	137.84	128.35	79.42	1,437.78
1980	Above Normal	161.58	128.82	167.62	160.13	33.95	54.52	45.91	66.39	135.44	163.55	145.09	104.03	1,367.03
1981	Dry	80.34	167.13	155.20	115.68	95.67	63.04	40.03	51.91	61.75	142.67	122.86	82.43	1,178.71
1982	Wet	119.70	132.95	127.72	133.78	149.77	145.93	128.84	105.78	147.56	169.18	147.23	114.72	1,623.16
1983	Wet	129.68	158.68	168.03	262.34	132.39	137.39	151.28	196.33	201.27	236.55	148.60	156.17	2,078.71
1984	Wet	174.75	95.27	117.75	82.45	75.65	62.24	38.51	51.79	92.27	150.48	136.24	119.99	1,197.39
1985	Dry	98.37	147.79	165.01	123.55	108.23	82.10	38.44	51.19	66.79	146.22	158.82	113.81	1,300.32
1986	Wet	125.29	150.88	148.94	71.76	153.17	167.48	59.25	69.07	117.93	151.63	138.06	31.93	1,385.39
1987	Dry	56.11	62.71	126.41	110.24	95.67	64.34	26.15	38.37	48.59	124.03	56.86	66.71	876.19
1988	Critical	115.68	102.00	106.16	81.48	21.40	16.39	26.98	30.59	14.95	73.31	135.85	37.93	762.72
1989	Dry	52.37	97.66	95.08	116.78	31.53	22.68	35.89	45.08	68.07	133.85	83.70	73.83	856.52
1990	Critical	62.03	84.93	98.01	105.85	66.10	21.43	22.12	32.19	13.76	78.84	57.51	55.10	697.87
1991	Critical	71.10	80.07	79.33	47.25	46.57	29.76	31.12	37.44	36.91	91.31	66.43	48.54	665.83
1992	Critical	73.61	80.48	73.85	51.78	50.26	71.56	26.60	39.32	47.12	100.07	137.91	24.80	777.36
1993	Above Normal	46.37	84.03	110.20	112.91	132.82	122.04	34.97	53.52	112.58	154.24	127.36	116.13	1,207.17
1994	Critical	125.27	148.91	167.67	107.98	96.86	59.88	35.21	55.73	49.23	158.03	98.42	72.35	1,175.54
1995	Wet	55.26	115.31	121.41	103.07	112.81	160.41	54.16	81.25	136.78	157.54	131.68	116.11	1,345.79
1996	Wet	88.32	164.16	128.71	95.23	143.87	153.44	43.19	47.94	102.31	137.87	107.66	114.34	1,327.04
1997	Wet	113.84	181.85	172.70	181.35	166.61	132.69	38.65	47.11	124.42	133.76	116.29	114.00	1,523.27
1998	Wet	76.47	105.60	153.72	105.20	143.19	173.42	59.77	67.45	142.04	158.31	131.08	115.33	1,431.58
1999	Wet	132.54	160.36	160.59	155.99	167.37	163.95	33.00	39.67	84.63	125.57	113.25	101.30	1,438.22
2000	Above Normal	75.96	160.76	145.06	80.05	155.50	158.15	33.14	38.92	89.12	93.60	114.40	115.61	1,260.27
2001	Dry	92.58	174.42	155.48	131.02	93.03	87.47	29.10	31.09	52.58	138.70	63.32	69.21	1,118.00
2002	Dry	106.03	102.76	148.08	101.29	80.93	72.13	28.57	33.05	57.42	111.76	130.39	99.64	1,072.05
2003	Above Normal	109.01	137.27	132.70	85.34	105.03	100.79	31.34	37.37	76.28	125.20	113.93	92.22	1,146.48
	Average	101.77	130.53	136.80	112.91	97.44	93.74	40.86	55.05	80.63	129.54	117.53	97.39	1,194.17
	Wet	106.65	142.70	143.34	129.88	130.69	133.31	56.78	76.44	121.71	158.11	135.45	111.89	1,446.94
	Above Normal	97.99	131.79	136.27	105.97	93.44	118.51	40.05	52.99	97.94	135.64	132.42	105.38	1,248.37
	Below Normal	110.12	146.48	142.77	106.31	79.03	90.93	36.09	48.23	69.96	132.94	114.62	107.71	1,185.18
	Dry	95.18	116.65	141.26	117.27	84.36	58.50	31.99	44.00	55.15	124.42	100.86	89.90	1,059.54
	Critical	95.10	105.12	109.48	84.24	70.48	39.37	26.08	35.27	24.98	65.26	92.21	57.16	804.74

Difference in Energy Use (GWh) At Pumping Plant at System Total: Alternative4_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	(0.51)	0.49	0.51	0.96	0.63	2.97	(1.71)	0.72	0.34
1923	Below Normal	0.72	0.79	0.75	(2.13)	(1.28)	0.62	0.38	0.83	1.55	2.64	1.57	0.71	0.60
1924	Critical	0.34	0.55	0.76	1.07	0.91	0.00	0.00	0.07	0.02	0.04	0.01	0.12	0.32
1925	Dry	0.13	(0.13)	(0.06)	0.00	(0.01)	0.06	0.12	0.28	0.41	0.78	0.65	0.23	0.20
1926	Dry	0.21	0.18	0.11	0.23	0.23	(0.03)	(0.01)	(0.02)	(0.12)	(0.06)	(0.32)	(0.04)	0.03
1927	Wet	0.02	0.00	0.00	0.01	0.02	0.55	0.48	1.03	1.31	2.98	2.09	0.72	0.77
1928	Above Normal	0.73	0.54	0.72	0.99	0.85	0.33	0.27	0.59	0.75	1.70	1.21	0.41	0.76
1929	Critical	0.42	0.27	0.38	0.58	0.38	(0.02)	0.00	0.00	0.00	0.01	0.00	0.02	0.17
1930	Dry	0.02	0.04	(0.02)	0.00	0.00	(0.05)	0.00	(0.02)	(0.05)	(0.06)	(0.03)	0.00	(0.01)
1931	Critical	0.02	0.05	(0.04)	0.01	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.03	0.01
1932	Dry	0.05	(0.13)	0.00	0.00	(0.32)	(0.92)	0.47	1.01	1.28	1.65	2.46	0.66	0.52
1933	Critical	0.68	0.53	3.58	1.18	0.82	0.00	0.00	0.00	(0.01)	(0.02)	(0.01)	0.17	0.58
1934	Critical	0.23	0.16	(0.43)	(0.02)	0.01	(0.24)	(0.13)	(0.17)	(0.12)	(0.27)	(10.29)	0.27	(0.92)
1935	Below Normal	(0.41)	(0.59)	(0.43)	8.03	(0.07)	0.51	0.47	1.00	1.25	2.27	1.14	0.70	1.16
1936	Below Normal	0.49	0.28	15.23	(15.31)	3.08	2.28	0.46	1.00	1.28	2.88	1.10	0.72	1.12
1937	Below Normal	0.76	0.67	0.63	(0.41)	(0.03)	17.95	(0.06)	(3.11)	0.92	2.26	1.29	0.44	1.78
1938	Wet	0.46	(0.40)	23.40	7.88	2.25	45.79	(9.70)	(72.95)	0.99	1.04	2.27	0.84	0.16
1939	Dry	1.63	1.27	(4.93)	(1.24)	(1.77)	0.68	(1.10)	(0.17)	(1.29)	2.45	(13.54)	(3.58)	(1.80)
1940	Above Normal	5.08	0.60	(0.60)	1.50	1.63	0.51	0.70	1.49	1.96	3.35	2.57	4.27	1.92
1941	Wet	0.74	7.32	0.98	(0.08)	(0.42)	(5.32)	0.41	0.98	2.39	2.99	(2.96)	0.38	0.62
1942	Wet	4.27	9.98	0.59	0.11	(2.50)	0.58	0.40	(0.15)	2.17	2.71	1.96	0.75	1.74
1943	Wet	0.73	(0.28)	0.76	(0.07)	(5.83)	(3.72)	0.69	0.95	12.58	2.78	1.95	0.76	0.94
1944	Dry	(9.06)	4.27	0.61	1.19	0.74	0.31	0.38	0.81	3.35	0.15	1.33	0.69	0.40
1945	Below Normal	0.49	0.17	0.40	0.53	(23.87)	21.53	0.28	0.64	0.80	2.37	1.64	0.77	0.48
1946	Below Normal	0.05	0.61	(0.77)	(2.97)	0.43	6.01	0.48	1.01	(1.24)	2.92	2.07	5.35	1.16
1947	Dry	0.66	0.52	0.70	1.04	0.61	0.17	0.18	0.39	0.50	1.00	2.35	0.02	0.68
1948	Below Normal	0.11	(0.18)	(2.44)	0.33	0.29	0.00	(0.01)	(0.02)	(0.03)	(0.14)	0.02	(0.01)	(0.17)
1949	Dry	(0.07)	(0.01)	(0.80)	(0.04)	(0.03)	0.00	(0.01)	(0.03)	(0.06)	(0.06)	(0.13)	0.00	(0.10)
1950	Below Normal	0.02	0.00	0.02	0.00	0.02	0.06	0.04	0.11	0.14	0.29	0.21	0.07	0.08
1951	Above Normal	0.08	0.07	(0.48)	(0.58)	5.05	0.72	0.47	1.02	1.29	1.68	2.08	0.71	1.01
1952	Wet	0.72	0.65	0.74	0.97	(0.28)	(30.24)	(4.61)	(3.78)	0.11	0.47	0.15	0.94	(2.85)
1953	Wet	(0.10)	74.13	3.81	(15.46)	0.70	2.09	(0.30)	(0.30)	(0.12)	1.34	0.85	1.70	5.69
1954	Above Normal	(1.53)	1.87	1.72	1.48	1.31	0.20	0.02	0.07	0.15	0.03	(0.05)	0.03	0.44
1955	Dry	(0.04)	1.32	0.23	0.20	1.00	0.09	(0.05)	(0.07)	(0.11)	(0.08)	(0.96)	(0.11)	0.12
1956	Wet	0.13	(1.22)	(6.32)	(8.09)	19.74	0.00	0.00	1.02	2.37	2.98	6.22	0.67	1.46
1957	Above Normal	0.63	0.18	0.68	1.17	0.85	0.48	0.43	0.94	1.19	2.71	1.90	0.66	0.98
1958	Wet	0.62	0.51	0.64	0.90	0.56	0.53	(4.60)	(4.27)	(4.57)	(1.12)	(0.43)	0.84	(0.87)
1959	Below Normal	0.92	43.50	0.42	0.44	0.27	(0.15)	0.30	0.63	0.83	1.30	0.38	2.31	4.26
1960	Dry	0.87	(0.61)	0.06	0.16	(0.03)	0.01	(0.01)	(0.03)	(0.03)	(0.02)	(2.42)	(0.14)	(0.18)
1961	Dry	(0.37)	0.03	(0.02)	0.01	0.01	0.01	(0.01)	(0.01)	(0.02)	0.42	(0.49)	(0.05)	(0.04)
1962	Below Normal	0.15	0.06	(0.06)	0.02	0.01	0.54	0.46	0.99	1.26	2.91	2.01	0.69	0.75
1963	Wet	0.67	0.55	0.70	0.97	(1.32)	0.58	0.42	0.91	2.00	2.79	1.96	0.76	0.92
1964	Dry	0.73	0.39	0.79	1.10	0.75	(0.01)	0.02	0.03	0.05	0.04	0.13	0.04	0.34
1965	Wet	0.00	0.00	0.01	(3.54)	(11.56)	0.28	0.28	0.67	0.77	2.36	(1.87)	0.81	(0.98)
1966	Below Normal	0.76	(1.68)	0.85	(0.19)	0.44	0.42	0.35	0.74	1.20	2.19	1.54	0.39	0.58
1967	Wet	0.50	0.43	0.55	0.77	(2.87)	0.63	(4.70)	(2.61)	0.24	(5.46)	1.36	3.39	(0.65)
1968	Below Normal	4.64	55.26	(0.04)	0.36	0.03	0.01	0.40	0.89	1.14	2.61	1.83	0.62	5.65
1969	Wet	0.57	0.25	0.57	(17.29)	17.81	45.48	(7.73)	9.54	0.19	0.75	0.70	8.55	4.95
1970	Wet	1.17	(1.90)	(0.05)	(0.58)	(0.53)	(8.31)	0.48	1.04	1.65	3.06	2.13	0.72	(0.09)
1971	Wet	1.31	(0.53)	0.79	1.05	0.68	0.42	0.26	0.59	0.75	1.56	1.35	0.56	0.73
1972	Below Normal	0.23	0.70	0.55	0.70	0.44	(0.01)	0.01	0.01	0.01	0.01	0.01	0.06	0.23
1973	Above Normal	0.01	0.00	0.00	0.00	(0.01)	0.54	0.46	1.00	1.30	2.98	2.12	14.80	1.93
1974	Wet	0.69	0.56	0.71	(9.74)	(1.21)	(0.88)	0.17	0.39	0.63	1.97	(0.64)	0.91	(0.54)
1975	Wet	0.91	(3.06)	0.92	1.34	1.08	0.55	0.54	1.16	2.52	3.17	2.19	0.70	1.00
1976	Critical	0.71	1.48	0.73	0.96	0.56	0.02	(0.02)	(0.03)	(0.05)	(0.78)	0.37	(0.03)	0.33
1977	Critical	0.52	(0.04)	(0.04)	0.02	(0.09)	0.00	0.00	0.00	0.00	0.00	(3.42)	0.03	(0.25)
1978	Above Normal	1.15	0.05	(0.22)	(0.12)	(16.54)	(6.20)	(3.62)	(8.43)	(11.14)	(4.08)	(1.71)	(0.05)	(4.24)
1979	Below Normal	(0.41)	87.33	0.20	(1.93)	(2.55)	(6.62)	(0.83)	(1.59)	(2.50)	(5.55)	(0.94)	1.77	5.53
1980	Above Normal	(3.11)	22.14	5.22	(19.99)	(79.49)	0.07	(0.03)	0.83	(0.12)	1.99	0.94	25.49	(3.84)
1981	Dry	2.97	9.04	13.35	3.21	1.84	0.96	0.01	0.40	1.28	2.76	0.09	0.22	3.01
1982	Wet	0.68	0.95	0.77	1.00	(6.12)	(1.22)	18.18	(9.80)	(4.38)	0.99	1.03	0.61	0.22
1983	Wet	(21.67)	(2.55)	(3.10)	93.53	64.92	74.72	55.92	19.95	0.88	0.75	0.49	0.72	23.71
1984	Wet	0.05	8.29	68.13	14.37	0.27	0.05	0.47	1.02	1.29	2.97	2.08	0.72	8.31
1985	Dry	0.72	0.57	0.72	1.00	0.65	0.33	0.28	0.61	0.99	1.79	1.26	0.42	0.78
1986	Wet	0.44	0.35	0.43	0.72	(8.97)	13.31	0.01	0.04	0.49	3.12	2.25	0.42	1.05
1987	Dry	0.80	2.09	0.12	0.93	0.57	(0.07)	(0.04)	(0.09)	(1.14)	1.32	3.49	(0.20)	0.65
1988	Critical	(0.02)	0.07	0.22	0.07	(0.09)	0.00	(0.01)	(0.01)	0.00	(0.12)	(0.08)	0.01	0.00
1989	Dry	0.12	(0.40)	(0.01)	(0.08)	(0.04)	0.03	(0.03)	(0.05)	(0.08)	(0.15)	0.06	(2.47)	(0.26)
1990	Critical	0.00	(0.03)	(0.30)	(0.01)	0.00	0.00	0.01	0.01	0.01	0.00	(28.22)	20.00	(0.71)
1991	Critical	(1.66)	(0.25)	0.12	(0.31)	(0.25)	0.02	0.01	0.01	0.02	0.02	0.79	(0.01)	(0.12)
1992	Critical	(0.21)	0.77	(0.30)	(0.95)	(0.02)	(0.03)	(0.05)	(0.10)	9.16	(14.51)	(0.23)	(0.26)	(0.56)
1993	Above Normal	(0.14)	0.05	0.00	0.05	(0.08)	(2.31)	0.38	0.83	2.15	2.69	1.62	0.72	0.50
1994	Critical	0.74	(0.20)	1.55	1.11	0.78	(0.02)	0.03	0.06	0.10	0.76	(0.39)	0.12	0.39
1995	Wet	0.08	(0.02)	0.05	(0.28)	(7.84)	(13.63)	(3.98)	(55.53)	(2.39)	0.88	1.23	(0.63)	(6.84)
1996	Wet	1.37	77.39	0.99	1.52	1.78	(24.83)	(0.13)	(0.14)	(0.36)	0.62	0.76	0.78	4.98
1997	Wet	(5.46)	(0.16)	(3.00)	0.40	0.88	1.62	0.58	0.96	2.42	1.24	0.86	0.71	0.09
1998	Wet	1.13	0.21	0.82	1.11	(8.96)	(1.01)	(2.52)	(2.37)	(1.21)	(1.49)	(0.67)	0.84	(1.18)
1999	Wet	0.62	0.51	0.61	0.97	0.79	0.00	0.64	1.05	1.79	3.08	2.12	0.54	1.06
2000	Above Normal	1.17	0.93	0.93	1.06	0.55	0.42	0.54	0.89	1.51	1.90	1.92	0.59	1.03
2001	Dry	0.48	0.18	2.51	0.96	0.61	(0.02)	0.01	0.01	0.02	(0.12)	(0.49)	0.02	0.35
2002	Dry	(0.02)	(0.01)	(0.03)	(0.03)	(0.06)	(0.01)	0.00	0.00	0.00	0.00	0.00	(0.44)	(0.05)
2003	Above Normal	0.00	(0.02)	(0.03)	0.00	(0.01)	0.19	0.18	0.30	0.51	0.97	0.57	0.13	0.23
	Average	0.06	4.97	1.67	0.71	(0.59)	1.68	0.55	(1.27)	0.55	0.89	0.08	1.31	0.88
	Wet	(0.36)	6.61	3.63	2.79	2.04	3.77	1.60	(4.25)	0.94	1.48	1.13	1.10	1.71
	Above Normal	0.34	2.20	0.66	(1.20)	(7.20)	(0.38)	0.03	0.04	0.01	1.57	0.96	4.04	0.09
	Below Normal	0.61	13.35	1.09	(0.90)	(1.63)	3.08	0.20	0.22	0.47	1.35	0.99	1.04	1.66
	Dry	(0.01)	1.03	0.74	0.48	0.26	0.09	0.01	0.17	0.28	0.66	(0.36)	(0.26)	0.26
	Critical	0.15	0.28	0.52	0.31	0.25	(0.02)	(0.01)	(0.01)	0.76	(1.24)	(3.46)	1.71	(0.06)

Percent Difference in Energy Use (GWh) At Pumping Plant at System Total: Alternative4_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%	-1%	0%	1%	1%	0%	2%	-1%	1%
1923	Below Normal	1%	0%	1%	-2%	-1%	1%	1%	2%	2%	2%	1%	1%
1924	Critical	0%	0%	1%	1%	2%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	1%	0%	1%	0%	0%
1926	Dry	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%
1927	Wet	0%	0%	0%	0%	0%	0%	1%	2%	1%	2%	2%	1%
1928	Above Normal	1%	1%	0%	1%	1%	0%	1%	1%	1%	1%	1%	0%
1929	Critical	1%	0%	0%	1%	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%	-1%	-4%	2%	3%	3%	3%	3%	0%
1933	Critical	1%	1%	3%	5%	3%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	-1%	0%	0%	-1%	-1%	-1%	-1%	-1%	-10%	0%
1935	Below Normal	-1%	-1%	0%	8%	0%	2%	2%	2%	2%	2%	2%	1%
1936	Below Normal	0%	0%	10%	-25%	13%	5%	1%	2%	2%	2%	1%	1%
1937	Below Normal	1%	1%	0%	0%	0%	88%	0%	-6%	2%	2%	2%	0%
1938	Wet	1%	0%	16%	25%	8%	73%	-11%	-38%	1%	1%	2%	1%
1939	Dry	1%	2%	-3%	-1%	-2%	2%	-4%	0%	-4%	2%	-16%	-4%
1940	Above Normal	6%	1%	-1%	2%	2%	0%	2%	3%	2%	3%	2%	4%
1941	Wet	1%	8%	1%	0%	0%	-3%	1%	1%	2%	2%	-2%	0%
1942	Wet	4%	6%	0%	0%	-2%	0%	1%	0%	2%	2%	1%	1%
1943	Wet	1%	0%	1%	0%	-4%	-2%	1%	2%	11%	2%	1%	1%
1944	Dry	-9%	3%	0%	1%	1%	0%	1%	2%	6%	0%	2%	1%
1945	Below Normal	1%	0%	0%	0%	-16%	15%	1%	1%	1%	2%	1%	1%
1946	Below Normal	0%	0%	0%	-2%	0%	6%	1%	2%	-1%	2%	2%	5%
1947	Dry	0%	0%	0%	1%	1%	1%	1%	1%	1%	1%	2%	0%
1948	Below Normal	0%	0%	-2%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	-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%	0%	0%	18%	1%	1%	2%	1%	1%	2%	1%
1952	Wet	1%	0%	1%	1%	0%	-17%	-7%	-4%	0%	0%	0%	1%
1953	Wet	0%	47%	3%	-15%	1%	2%	-1%	-1%	0%	1%	1%	1%
1954	Above Normal	-3%	1%	1%	2%	2%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	0%	1%	0%	0%	1%	0%	0%	0%	0%	0%	-1%	0%
1956	Wet	0%	-1%	-4%	-5%	12%	0%	0%	2%	2%	2%	4%	1%
1957	Above Normal	1%	0%	0%	1%	2%	1%	1%	2%	2%	2%	1%	1%
1958	Wet	0%	0%	0%	1%	0%	0%	-6%	-5%	-3%	-1%	0%	1%
1959	Below Normal	1%	26%	0%	1%	0%	0%	1%	1%	1%	1%	0%	3%
1960	Dry	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%
1961	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	1%	2%	2%	2%	2%	1%
1963	Wet	1%	0%	1%	1%	-1%	1%	1%	2%	2%	2%	2%	1%
1964	Dry	1%	0%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1965	Wet	0%	0%	0%	-2%	-8%	0%	1%	1%	1%	1%	-1%	1%
1966	Below Normal	1%	-1%	1%	0%	0%	0%	1%	2%	2%	2%	1%	0%
1967	Wet	0%	0%	0%	1%	-2%	0%	-6%	-3%	0%	-3%	1%	3%
1968	Below Normal	4%	45%	0%	0%	0%	0%	1%	2%	2%	2%	1%	1%
1969	Wet	0%	0%	0%	-11%	10%	73%	-8%	5%	0%	0%	0%	10%
1970	Wet	1%	-2%	0%	0%	0%	-8%	1%	2%	2%	2%	2%	1%
1971	Wet	1%	-1%	1%	1%	1%	0%	1%	1%	1%	1%	1%	1%
1972	Below Normal	0%	1%	0%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	1%	2%	1%	2%	2%	20%
1974	Wet	1%	0%	0%	-6%	-1%	-1%	0%	1%	1%	1%	0%	1%
1975	Wet	1%	-1%	1%	1%	1%	0%	1%	2%	2%	2%	2%	1%
1976	Critical	1%	1%	0%	1%	0%	0%	0%	0%	0%	-2%	1%	0%
1977	Critical	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-3%	0%
1978	Above Normal	3%	0%	0%	0%	-10%	-4%	-6%	-10%	-7%	-2%	-1%	0%
1979	Below Normal	0%	69%	0%	-1%	-2%	-4%	-2%	-3%	-3%	-4%	-1%	2%
1980	Above Normal	-2%	21%	3%	-11%	-70%	0%	0%	1%	0%	1%	1%	32%
1981	Dry	4%	6%	9%	3%	2%	2%	0%	1%	2%	2%	0%	0%
1982	Wet	1%	1%	1%	1%	-4%	-1%	16%	-8%	-3%	1%	1%	1%
1983	Wet	-14%	-2%	-2%	55%	96%	119%	59%	11%	0%	0%	0%	0%
1984	Wet	0%	10%	137%	21%	0%	0%	1%	2%	1%	2%	2%	1%
1985	Dry	1%	0%	0%	1%	1%	0%	1%	1%	2%	1%	1%	0%
1986	Wet	0%	0%	0%	1%	-6%	9%	0%	0%	0%	2%	2%	1%
1987	Dry	1%	3%	0%	1%	1%	0%	0%	0%	-2%	1%	7%	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%	-3%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-33%	57%
1991	Critical	-2%	0%	0%	-1%	-1%	0%	0%	0%	0%	0%	1%	0%
1992	Critical	0%	1%	0%	-2%	0%	0%	0%	0%	24%	-13%	0%	-1%
1993	Above Normal	0%	0%	0%	0%	0%	-2%	1%	2%	2%	2%	1%	1%
1994	Critical	1%	0%	1%	1%	1%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	-6%	-8%	-7%	-41%	-2%	1%	1%	-1%
1996	Wet	2%	89%	1%	2%	1%	-14%	0%	0%	0%	0%	1%	1%
1997	Wet	-5%	0%	-2%	0%	1%	1%	2%	2%	2%	1%	1%	1%
1998	Wet	1%	0%	1%	1%	-6%	-1%	-4%	-3%	-1%	-1%	-1%	1%
1999	Wet	0%	0%	0%	1%	0%	0%	2%	3%	2%	3%	2%	1%
2000	Above Normal	2%	1%	1%	1%	0%	0%	2%	2%	2%	2%	2%	1%
2001	Dry	1%	0%	2%	1%	1%	0%	0%	0%	0%	0%	-1%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%	0%
	Average	0%	4%	2%	1%	1%	4%	1%	0%	1%	1%	0%	2%
	Wet	0%	6%	6%	3%	4%	9%	1%	-2%	1%	1%	1%	1%
	Above Normal	1%	2%	0%	0%	-5%	0%	0%	1%	0%	1%	1%	5%
	Below Normal	1%	10%	1%	-1%	0%	8%	1%	1%	1%	1%	1%	1%
	Dry	0%	1%	1%	0%	0%	0%	0%	0%	0%	1%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	2%	-1%	-4%	5%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.24	0.00	0.00	0.00	0.00	0.01	0.73	2.05	2.75	2.91	2.34	0.52	11.55
1923	Below Normal	0.19	0.00	0.00	0.00	0.00	0.16	0.63	0.86	1.54	1.74	1.40	0.00	6.52
1924	Critical	0.32	0.01	0.00	0.00	0.00	0.08	0.24	0.41	0.57	0.77	1.10	0.21	3.71
1925	Dry	0.14	0.00	0.00	0.00	0.00	0.00	0.26	0.48	1.65	2.02	1.62	0.08	6.25
1926	Dry	0.41	0.00	0.00	0.00	0.00	0.02	0.06	0.34	0.82	0.59	0.46	0.21	2.91
1927	Wet	0.17	0.00	0.00	0.00	0.00	0.01	1.24	2.12	2.43	3.07	2.47	0.57	12.08
1928	Above Normal	0.16	0.00	0.00	0.00	0.00	0.00	0.40	0.68	1.65	1.59	1.28	0.05	5.81
1929	Critical	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34
1930	Dry	0.14	0.04	0.00	0.00	0.00	0.00	0.11	0.00	0.80	0.56	0.45	0.17	2.27
1931	Critical	0.20	0.04	0.00	0.00	0.00	0.10	0.26	0.40	0.57	0.80	1.13	0.17	3.67
1932	Dry	0.17	0.04	0.00	0.00	0.00	0.01	0.33	0.52	0.76	1.01	1.30	0.24	4.38
1933	Critical	0.21	0.05	0.00	0.00	0.00	0.06	0.18	0.32	0.48	0.67	1.02	0.21	3.20
1934	Critical	0.15	0.04	0.00	0.00	0.00	0.00	0.23	0.44	0.62	0.83	1.16	0.20	3.67
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.95	0.84	0.68	0.00	2.54
1936	Below Normal	0.20	0.00	0.00	0.00	0.00	0.00	0.35	0.37	0.92	1.25	1.00	0.00	4.09
1937	Below Normal	0.30	0.01	0.00	0.00	0.00	0.00	0.00	0.34	0.86	1.05	0.84	0.01	3.41
1938	Wet	0.19	0.00	0.00	0.00	0.00	0.00	0.01	1.48	3.06	3.24	2.61	0.44	11.03
1939	Dry	0.33	0.01	0.00	0.00	0.19	0.23	0.61	0.53	0.95	0.74	0.60	0.21	4.40
1940	Above Normal	0.21	0.01	0.00	0.00	0.00	0.00	0.71	1.15	2.82	3.05	2.45	0.54	10.94
1941	Wet	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.90	2.82	3.30	2.65	0.65	10.54
1942	Wet	0.21	0.00	0.00	0.00	0.00	0.00	0.00	1.19	3.04	3.29	2.65	0.62	11.00
1943	Wet	0.51	0.00	0.00	0.00	0.00	0.00	0.61	1.60	2.29	2.43	1.97	0.35	9.76
1944	Dry	0.42	0.01	0.00	0.00	0.00	0.01	0.25	0.01	0.79	0.68	0.54	0.24	2.95
1945	Below Normal	0.20	0.00	0.00	0.00	0.00	0.00	0.01	1.19	1.60	2.08	1.67	0.23	6.98
1946	Below Normal	0.15	0.00	0.00	0.00	0.00	0.04	0.80	1.78	2.34	2.39	1.95	0.82	10.27
1947	Dry	0.43	0.00	0.00	0.00	0.00	0.00	0.59	0.85	0.97	1.25	0.99	0.44	5.52
1948	Below Normal	0.15	0.00	0.00	0.00	0.03	0.02	0.12	1.00	2.15	3.21	2.58	0.52	9.78
1949	Dry	0.32	0.06	0.00	0.00	0.00	0.00	0.00	0.89	2.17	2.12	1.70	0.23	7.49
1950	Below Normal	0.44	0.00	0.00	0.00	0.00	0.01	0.46	0.26	0.88	0.86	0.69	0.00	3.60
1951	Above Normal	0.15	0.00	0.00	0.00	0.00	0.05	0.68	1.23	2.68	2.84	2.29	0.49	10.41
1952	Wet	0.15	0.00	0.00	0.00	0.00	0.00	0.12	1.69	2.46	3.05	2.48	0.57	10.52
1953	Wet	0.55	0.00	0.00	0.00	0.00	0.09	0.25	2.01	2.68	3.07	2.21	0.57	11.43
1954	Above Normal	0.45	0.00	0.00	0.00	0.00	0.00	0.01	1.92	2.95	3.13	2.29	0.59	11.34
1955	Dry	0.51	0.00	0.00	0.00	0.00	0.07	0.42	0.31	1.14	0.96	0.77	0.29	4.47
1956	Wet	0.24	0.00	0.00	0.00	0.00	0.11	0.50	1.80	2.55	3.07	2.47	0.43	11.17
1957	Above Normal	0.34	0.07	0.00	0.00	0.00	0.14	0.30	1.36	2.09	2.16	1.74	0.33	8.53
1958	Wet	0.14	0.01	0.00	0.00	0.00	0.00	0.00	1.01	2.78	3.18	2.61	0.62	10.35
1959	Below Normal	0.53	0.07	0.00	0.00	0.00	0.05	0.35	1.08	1.96	1.88	1.47	0.30	7.69
1960	Dry	0.40	0.06	0.00	0.00	0.00	0.00	0.41	0.19	1.11	0.92	0.74	0.00	3.83
1961	Dry	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.70	1.41	1.62	1.27	0.00	5.26
1962	Below Normal	0.34	0.04	0.00	0.00	0.00	0.00	0.22	1.28	1.96	2.34	1.88	0.29	8.35
1963	Wet	0.14	0.00	0.00	0.00	0.00	0.00	0.00	1.18	2.93	3.30	2.65	0.63	10.83
1964	Dry	0.24	0.00	0.00	0.00	0.00	0.10	0.71	0.78	0.82	1.00	0.80	0.30	4.75
1965	Wet	0.17	0.00	0.00	0.00	0.00	0.08	0.00	1.27	2.24	2.40	1.63	0.34	8.13
1966	Below Normal	0.47	0.00	0.00	0.00	0.00	0.06	1.42	1.44	2.38	2.37	1.91	0.32	10.37
1967	Wet	0.47	0.00	0.00	0.00	0.00	0.00	0.01	1.41	2.15	3.29	2.64	0.63	10.60
1968	Below Normal	0.53	0.04	0.00	0.00	0.00	0.00	0.03	1.00	1.60	2.05	1.47	0.22	6.94
1969	Wet	0.29	0.00	0.00	0.00	0.00	0.00	0.29	1.78	2.60	3.01	2.42	0.54	10.93
1970	Wet	0.31	0.00	0.00	0.00	0.00	0.00	0.11	1.07	1.68	1.96	1.57	0.18	6.88
1971	Wet	0.28	0.00	0.00	0.00	0.00	0.11	0.87	1.51	2.35	2.50	2.00	0.37	9.99
1972	Below Normal	0.44	0.00	0.00	0.00	0.01	0.45	0.17	0.63	1.38	1.37	1.10	0.00	5.55
1973	Above Normal	0.15	0.00	0.00	0.00	0.00	0.00	0.98	1.64	2.88	2.94	2.36	0.49	11.44
1974	Wet	0.20	0.00	0.00	0.00	0.00	0.00	0.01	1.73	2.95	2.79	2.61	0.63	10.92
1975	Wet	0.29	0.01	0.00	0.00	0.00	0.00	0.01	2.12	2.96	3.03	2.46	0.58	11.46
1976	Critical	0.17	0.01	0.00	0.00	0.18	0.10	0.12	0.15	0.43	0.19	0.14	0.06	1.55
1977	Critical	0.17	0.00	0.00	0.00	0.01	0.10	0.24	0.34	0.54	0.73	1.08	0.24	3.45
1978	Above Normal	0.16	0.04	0.00	0.00	0.00	0.00	0.03	1.87	3.06	3.25	2.61	0.39	11.41
1979	Below Normal	0.59	0.00	0.00	0.00	0.00	0.00	0.49	0.69	1.69	1.58	1.27	0.01	6.32
1980	Above Normal	0.18	0.00	0.00	0.00	0.00	0.00	0.01	1.17	2.10	2.48	2.02	0.37	8.33
1981	Dry	0.45	0.02	0.00	0.00	0.00	0.00	0.01	0.99	2.29	2.27	1.82	0.21	8.06
1982	Wet	0.16	0.00	0.00	0.00	0.00	0.00	0.01	1.47	2.52	3.30	2.65	0.16	10.27
1983	Wet	0.14	0.00	0.00	0.00	0.00	0.00	0.00	1.27	2.77	3.30	2.57	0.54	10.59
1984	Wet	0.45	0.00	0.00	0.00	0.00	0.08	0.77	1.61	2.48	2.56	1.93	0.38	10.26
1985	Dry	0.24	0.00	0.00	0.00	0.00	0.00	0.21	1.59	2.21	2.19	1.74	0.54	8.72
1986	Wet	0.38	0.00	0.00	0.00	0.00	0.00	0.48	0.89	1.91	1.94	1.56	0.03	7.19
1987	Dry	0.39	0.01	0.00	0.00	0.00	0.00	0.34	0.47	0.84	0.61	0.49	0.21	3.36
1988	Critical	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.28
1989	Dry	0.14	0.04	0.00	0.00	0.00	0.00	0.45	0.36	0.93	0.98	0.78	0.24	3.92
1990	Critical	0.17	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.51
1991	Critical	0.14	0.04	0.00	0.00	0.00	0.00	0.19	0.52	0.76	1.01	1.30	0.16	4.12
1992	Critical	0.20	0.05	0.00	0.00	0.00	0.00	0.27	0.32	0.92	1.24	1.49	0.24	4.73
1993	Above Normal	0.15	0.05	0.00	0.00	0.00	0.00	0.22	1.46	2.25	3.14	2.53	0.60	10.40
1994	Critical	0.39	0.04	0.00	0.00	0.00	0.05	0.56	1.24	2.01	2.41	2.42	0.64	9.76
1995	Wet	0.29	0.00	0.00	0.00	0.00	0.00	0.03	1.07	2.50	3.26	2.62	0.64	10.41
1996	Wet	0.59	0.07	0.00	0.00	0.00	0.00	0.72	0.86	2.90	3.30	2.65	0.62	11.71
1997	Wet	0.22	0.04	0.00	0.00	0.00	0.11	0.66	1.61	1.89	2.18	1.63	0.21	8.55
1998	Wet	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.23	2.60	3.30	2.65	0.52	9.66
1999	Wet	0.33	0.04	0.00	0.00	0.00	0.00	0.24	1.63	2.45	3.07	2.46	0.57	10.79
2000	Above Normal	0.50	0.04	0.00	0.00	0.00	0.00	0.01	1.49	2.60	3.30	2.65	0.54	11.13
2001	Dry	0.15	0.05	0.00	0.00	0.00	0.00	0.40	0.31	1.01	1.02	0.82	0.00	3.76
2002	Dry	0.22	0.04	0.00	0.00	0.00	0.09	0.68	1.39	2.08	2.15	1.73	0.25	8.63
2003	Above Normal	0.44	0.04	0.00	0.00	0.00	0.00	0.25	1.06	2.95	3.29	2.28	0.65	10.96
	Average	0.28	0.02	0.00	0.00	0.01	0.03	0.30	0.98	1.82	2.03	1.67	0.33	7.46
	Wet	0.29	0.01	0.00	0.00	0.00	0.02	0.27	1.40	2.54	2.93	2.34	0.48	10.27
	Above Normal	0.26	0.02	0.00	0.00	0.00	0.02	0.36	1.42	2.57	2.84	2.24	0.46	10.19
	Below Normal	0.32	0.01	0.00	0.00	0.00	0.06	0.36	0.86	1.59	1.79	1.42	0.19	6.60
	Dry	0.30	0.02	0.00	0.00	0.01	0.03	0.32	0.60	1.26	1.26	1.03	0.21	5.05
	Critical	0.22	0.03	0.00	0.00	0.02	0.04	0.19	0.35	0.61	0.72	0.90	0.18	3.25

Energy Use (GWh) At Pumping Plant at Tehama Other: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	0.24	0.00	0.00	0.00	0.00	0.01	0.73	2.05	2.75	2.91	2.34	0.52	11.55
1923	Below Normal	0.19	0.00	0.00	0.00	0.00	0.16	0.63	0.85	1.53	1.73	1.39	0.00	6.48
1924	Critical	0.31	0.01	0.00	0.00	0.00	0.08	0.24	0.41	0.57	0.77	1.10	0.21	3.70
1925	Dry	0.14	0.00	0.00	0.00	0.00	0.00	0.26	0.47	1.64	2.02	1.62	0.08	6.23
1926	Dry	0.41	0.00	0.00	0.00	0.00	0.02	0.06	0.34	0.81	0.59	0.46	0.20	2.89
1927	Wet	0.17	0.00	0.00	0.00	0.00	0.01	1.24	2.12	2.43	3.07	2.47	0.57	12.08
1928	Above Normal	0.16	0.00	0.00	0.00	0.00	0.00	0.40	0.68	1.64	1.59	1.28	0.05	5.80
1929	Critical	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34
1930	Dry	0.14	0.04	0.00	0.00	0.00	0.00	0.11	0.00	0.79	0.56	0.45	0.17	2.26
1931	Critical	0.20	0.04	0.00	0.00	0.00	0.10	0.26	0.40	0.57	0.80	1.13	0.17	3.67
1932	Dry	0.17	0.04	0.00	0.00	0.00	0.01	0.33	0.52	0.76	1.01	1.30	0.24	4.38
1933	Critical	0.21	0.05	0.00	0.00	0.00	0.06	0.18	0.32	0.48	0.67	1.02	0.21	3.20
1934	Critical	0.15	0.04	0.00	0.00	0.00	0.00	0.23	0.43	0.61	0.83	1.15	0.19	3.63
1935	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.95	0.84	0.68	0.00	2.54
1936	Below Normal	0.20	0.00	0.00	0.00	0.00	0.00	0.35	0.36	0.91	1.25	1.00	0.00	4.07
1937	Below Normal	0.30	0.01	0.00	0.00	0.00	0.00	0.00	0.34	0.85	1.05	0.84	0.01	3.40
1938	Wet	0.19	0.00	0.00	0.00	0.00	0.00	0.01	1.48	3.06	3.24	2.61	0.44	11.03
1939	Dry	0.33	0.01	0.00	0.00	0.19	0.21	0.52	0.43	0.84	0.61	0.49	0.17	3.80
1940	Above Normal	0.20	0.00	0.00	0.00	0.00	0.00	0.73	1.18	2.87	3.10	2.49	0.56	11.13
1941	Wet	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.90	2.82	3.30	2.65	0.65	10.54
1942	Wet	0.21	0.00	0.00	0.00	0.00	0.00	0.00	1.19	3.04	3.29	2.65	0.62	11.00
1943	Wet	0.51	0.00	0.00	0.00	0.00	0.00	0.61	1.59	2.27	2.42	1.95	0.35	9.70
1944	Dry	0.41	0.01	0.00	0.00	0.00	0.01	0.26	0.02	0.80	0.69	0.55	0.24	2.99
1945	Below Normal	0.20	0.00	0.00	0.00	0.00	0.00	0.01	1.18	1.59	2.06	1.65	0.22	6.91
1946	Below Normal	0.15	0.00	0.00	0.00	0.00	0.04	0.80	1.78	2.34	2.39	1.95	0.82	10.27
1947	Dry	0.43	0.00	0.00	0.00	0.00	0.00	0.59	0.86	0.98	1.26	1.00	0.44	5.56
1948	Below Normal	0.15	0.00	0.00	0.00	0.03	0.02	0.12	1.00	2.14	3.21	2.58	0.52	9.77
1949	Dry	0.32	0.06	0.00	0.00	0.00	0.00	0.00	0.89	2.17	2.12	1.70	0.23	7.49
1950	Below Normal	0.44	0.00	0.00	0.00	0.00	0.01	0.46	0.26	0.88	0.86	0.69	0.00	3.60
1951	Above Normal	0.15	0.00	0.00	0.00	0.00	0.05	0.68	1.23	2.68	2.85	2.29	0.49	10.42
1952	Wet	0.15	0.00	0.00	0.00	0.00	0.00	0.12	1.69	2.46	3.05	2.48	0.57	10.52
1953	Wet	0.55	0.00	0.00	0.00	0.00	0.09	0.24	2.01	2.68	3.07	2.21	0.57	11.42
1954	Above Normal	0.45	0.00	0.00	0.00	0.00	0.00	0.01	1.93	2.95	3.14	2.29	0.59	11.36
1955	Dry	0.51	0.00	0.00	0.00	0.00	0.07	0.42	0.31	1.13	0.96	0.77	0.29	4.46
1956	Wet	0.24	0.00	0.00	0.00	0.00	0.11	0.50	1.80	2.55	3.07	2.47	0.43	11.17
1957	Above Normal	0.34	0.07	0.00	0.00	0.00	0.14	0.30	1.36	2.09	2.16	1.74	0.33	8.53
1958	Wet	0.14	0.01	0.00	0.00	0.00	0.00	0.00	1.01	2.78	3.18	2.61	0.62	10.35
1959	Below Normal	0.53	0.07	0.00	0.00	0.00	0.05	0.36	1.09	1.97	1.90	1.48	0.31	7.76
1960	Dry	0.41	0.06	0.00	0.00	0.00	0.00	0.40	0.18	1.11	0.92	0.74	0.00	3.82
1961	Dry	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.69	1.40	1.61	1.27	0.00	5.22
1962	Below Normal	0.34	0.04	0.00	0.00	0.00	0.00	0.22	1.27	1.96	2.34	1.88	0.29	8.34
1963	Wet	0.14	0.00	0.00	0.00	0.00	0.00	0.00	1.18	2.93	3.30	2.65	0.63	10.83
1964	Dry	0.24	0.00	0.00	0.00	0.00	0.10	0.71	0.78	0.82	1.00	0.80	0.31	4.76
1965	Wet	0.17	0.00	0.00	0.00	0.00	0.07	0.00	1.24	2.20	2.36	1.60	0.32	7.96
1966	Below Normal	0.46	0.00	0.00	0.00	0.00	0.06	1.43	1.44	2.39	2.38	1.92	0.32	10.40
1967	Wet	0.47	0.00	0.00	0.00	0.00	0.00	0.01	1.41	2.15	3.29	2.64	0.63	10.60
1968	Below Normal	0.53	0.04	0.00	0.00	0.00	0.00	0.03	1.00	1.60	2.05	1.47	0.22	6.94
1969	Wet	0.29	0.00	0.00	0.00	0.00	0.00	0.29	1.78	2.60	3.01	2.42	0.54	10.93
1970	Wet	0.31	0.00	0.00	0.00	0.00	0.00	0.11	1.07	1.68	1.96	1.57	0.18	6.88
1971	Wet	0.28	0.00	0.00	0.00	0.00	0.11	0.86	1.51	2.34	2.49	2.00	0.37	9.96
1972	Below Normal	0.44	0.00	0.00	0.00	0.01	0.45	0.17	0.63	1.38	1.37	1.10	0.00	5.55
1973	Above Normal	0.15	0.00	0.00	0.00	0.00	0.00	0.98	1.64	2.88	2.94	2.36	0.49	11.44
1974	Wet	0.20	0.00	0.00	0.00	0.00	0.00	0.01	1.73	2.95	2.79	2.61	0.63	10.92
1975	Wet	0.29	0.01	0.00	0.00	0.00	0.00	0.01	2.12	2.96	3.03	2.46	0.58	11.46
1976	Critical	0.17	0.01	0.00	0.00	0.18	0.09	0.12	0.15	0.43	0.19	0.14	0.06	1.54
1977	Critical	0.17	0.00	0.00	0.00	0.01	0.10	0.24	0.34	0.54	0.73	1.08	0.24	3.45
1978	Above Normal	0.16	0.04	0.00	0.00	0.00	0.00	0.03	1.87	3.06	3.25	2.61	0.39	11.41
1979	Below Normal	0.59	0.00	0.00	0.00	0.00	0.00	0.41	0.52	1.47	1.33	1.07	0.00	5.39
1980	Above Normal	0.17	0.00	0.00	0.00	0.00	0.00	0.01	1.18	2.10	2.48	2.02	0.37	8.33
1981	Dry	0.45	0.02	0.00	0.00	0.00	0.00	0.01	0.96	2.25	2.22	1.78	0.20	7.89
1982	Wet	0.16	0.00	0.00	0.00	0.00	0.00	0.01	1.47	2.52	3.30	2.65	0.16	10.27
1983	Wet	0.14	0.00	0.00	0.00	0.00	0.00	0.00	1.27	2.77	3.30	2.57	0.54	10.59
1984	Wet	0.45	0.00	0.00	0.00	0.00	0.08	0.77	1.61	2.48	2.56	1.93	0.38	10.26
1985	Dry	0.24	0.00	0.00	0.00	0.00	0.00	0.21	1.59	2.21	2.19	1.74	0.54	8.72
1986	Wet	0.38	0.00	0.00	0.00	0.00	0.00	0.48	0.89	1.91	1.94	1.56	0.03	7.19
1987	Dry	0.39	0.01	0.00	0.00	0.00	0.00	0.33	0.46	0.83	0.60	0.48	0.21	3.31
1988	Critical	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.28
1989	Dry	0.14	0.04	0.00	0.00	0.00	0.00	0.45	0.36	0.93	0.97	0.78	0.24	3.91
1990	Critical	0.17	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.00	0.00	0.00	0.51
1991	Critical	0.14	0.04	0.00	0.00	0.00	0.00	0.19	0.52	0.76	1.01	1.30	0.16	4.12
1992	Critical	0.20	0.05	0.00	0.00	0.00	0.00	0.26	0.31	0.91	1.23	1.48	0.24	4.68
1993	Above Normal	0.15	0.05	0.00	0.00	0.00	0.00	0.20	1.44	2.21	3.09	2.48	0.58	10.20
1994	Critical	0.38	0.04	0.00	0.00	0.00	0.05	0.56	1.24	2.00	2.40	2.42	0.64	9.73
1995	Wet	0.29	0.00	0.00	0.00	0.00	0.00	0.03	1.07	2.50	3.26	2.62	0.64	10.41
1996	Wet	0.59	0.07	0.00	0.00	0.00	0.00	0.72	0.86	2.90	3.30	2.65	0.62	11.71
1997	Wet	0.22	0.04	0.00	0.00	0.00	0.11	0.66	1.61	1.89	2.18	1.63	0.21	8.55
1998	Wet	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.23	2.60	3.30	2.65	0.52	9.66
1999	Wet	0.33	0.04	0.00	0.00	0.00	0.00	0.24	1.63	2.45	3.07	2.46	0.57	10.79
2000	Above Normal	0.50	0.04	0.00	0.00	0.00	0.00	0.01	1.49	2.60	3.30	2.65	0.54	11.13
2001	Dry	0.15	0.05	0.00	0.00	0.00	0.00	0.40	0.31	1.01	1.02	0.82	0.00	3.76
2002	Dry	0.22	0.04	0.00	0.00	0.00	0.09	0.68	1.39	2.08	2.15	1.73	0.25	8.63
2003	Above Normal	0.44	0.04	0.00	0.00	0.00	0.00	0.25	1.06	2.95	3.29	2.28	0.65	10.96
	Average	0.28	0.02	0.00	0.00	0.01	0.03	0.30	0.98	1.81	2.03	1.67	0.32	7.43
	Wet	0.29	0.01	0.00	0.00	0.00	0.02	0.27	1.40	2.54	2.93	2.34	0.48	10.26
	Above Normal	0.26	0.02	0.00	0.00	0.00	0.02	0.36	1.43	2.57	2.84	2.24	0.46	10.19
	Below Normal	0.32	0.01	0.00	0.00	0.00	0.06	0.36	0.84	1.57	1.77	1.41	0.19	6.53
	Dry	0.30	0.02	0.00	0.00	0.01	0.03	0.32	0.59	1.25	1.25	1.03	0.21	5.00
	Critical	0.22	0.03	0.00	0.00	0.02	0.04	0.19	0.34	0.60	0.72	0.90	0.18	3.24

Difference in Energy Use (GWh) At Pumping Plant at Tehama Other: Alternative4_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	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00
1924	Critical	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1925	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	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	(0.01)	0.00	0.00	(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	0.00	0.00	0.00	0.00	(0.01)	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	(0.01)	0.00	0.00	0.00	0.00
1931	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	(0.01)	(0.01)	0.00	(0.01)	(0.01)	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	(0.01)	(0.01)	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	(0.01)	0.00	0.00	0.00	0.00
1938	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.00	0.00	0.00	0.00	0.00	(0.02)	(0.09)	(0.10)	(0.11)	(0.13)	(0.11)	(0.04)	(0.05)
1940	Above Normal	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.02	0.03	0.05	0.05	0.04	0.02	0.02
1941	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1942	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1943	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.02)	(0.01)	(0.02)	0.00	(0.01)
1944	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00
1945	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.02)	(0.02)	(0.01)	(0.01)
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00
1948	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1949	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1950	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	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	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00
1954	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00
1955	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00
1956	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1959	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.01	0.01	0.01
1960	Dry	0.01	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00
1961	Dry	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	0.00	0.00	0.00
1962	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1965	Wet	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.03)	(0.04)	(0.04)	(0.03)	(0.02)	(0.01)
1966	Below Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1970	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.01)	(0.01)	0.00	0.00	0.00
1972	Below Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	(0.08)	(0.17)	(0.22)	(0.25)	(0.20)	(0.01)	(0.08)
1980	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
1981	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	(0.04)	(0.05)	(0.04)	(0.01)	(0.01)
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1984	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1985	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	Dry	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	(0.01)	(0.01)	(0.01)	0.00	0.00
1988	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	(0.01)	0.00	0.00	0.00
1990	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	Critical	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	Critical	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(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	0.00	(0.02)	(0.02)	(0.04)	(0.05)	(0.05)	(0.02)	(0.02)
1994	Critical	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00
1995	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1996	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1998	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1999	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2000	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2001	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2002	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2003	Above Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Average	(0.00)	(0.00)	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.01)	(0.01)	(0.01)	(0.00)	(0.00)
	Wet	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
	Above Normal	(0.00)	(0.00)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.00)	0.00	0.00
	Below Normal	(0.00)	0.00	0.00	0.00	0.00	0.00	(0.00)	(0.01)	(0.02)	(0.02)	(0.02)	(0.00)	(0.01)
	Dry	(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)
	Critical	(0.00)	0.00	0.00	0.00	0.00	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	0.00

Percent Difference in Energy Use (GWh) At Pumping Plant at Tehama Other: Alternative4_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%	-1%	-1%	-1%	-1%	0%
1924	Critical	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1925	Dry	0%	0%	0%	0%	0%	0%	0%	-2%	-1%	0%	0%	0%
1926	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	-5%
1927	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1928	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	-1%	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%	-1%	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%	-2%	-2%	0%	-1%	-5%
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%	-3%	-1%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1938	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1939	Dry	0%	0%	0%	0%	0%	-9%	-15%	-19%	-12%	-18%	-18%	-19%
1940	Above Normal	-5%	-100%	0%	0%	0%	0%	3%	3%	2%	2%	2%	4%
1941	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	0%	-1%	0%
1944	Dry	-2%	0%	0%	0%	0%	0%	4%	100%	1%	1%	2%	0%
1945	Below Normal	0%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	-1%	-4%
1946	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	1%	1%	1%	1%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1950	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1951	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1953	Wet	0%	0%	0%	0%	0%	0%	-4%	0%	0%	0%	0%	0%
1954	Above Normal	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
1955	Dry	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%	0%	0%
1956	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1959	Below Normal	0%	0%	0%	0%	0%	0%	3%	1%	1%	1%	1%	3%
1960	Dry	2%	0%	0%	0%	0%	0%	-2%	-5%	0%	0%	0%	0%
1961	Dry	-4%	0%	0%	0%	0%	0%	0%	-1%	-1%	-1%	0%	0%
1962	Below Normal	0%	0%	0%	0%	0%	0%	0%	-1%	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%	3%
1965	Wet	0%	0%	0%	0%	0%	-13%	0%	-2%	-2%	-2%	-2%	-6%
1966	Below Normal	-2%	0%	0%	0%	0%	0%	1%	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%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1970	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	0%	0%	0%	0%	0%	-1%	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%	-10%	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%	-16%	-25%	-13%	-16%	-16%	-100%
1980	Above Normal	-6%	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
1981	Dry	0%	0%	0%	0%	0%	0%	0%	-3%	-2%	-2%	-2%	-5%
1982	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1984	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	0%	0%	0%	0%	0%	-3%	-2%	-1%	-2%	-2%	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%	-1%	0%	0%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1991	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1992	Critical	0%	0%	0%	0%	0%	0%	-4%	-3%	-1%	-1%	-1%	0%
1993	Above Normal	0%	0%	0%	0%	0%	0%	-9%	-1%	-2%	-2%	-2%	-3%
1994	Critical	-3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1996	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1998	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1999	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2000	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	-1%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	-2%
	Wet	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Above Normal	-1%	-8%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%
	Below Normal	0%	0%	0%	0%	0%	0%	-1%	-2%	-1%	-1%	-1%	-7%
	Dry	0%	0%	0%	0%	0%	0%	-1%	4%	-1%	-1%	-1%	-1%
	Critical	0%	0%	0%	0%	0%	-1%	0%	0%	0%	0%	0%	0%

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

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	67.18	65.01	67.18	52.26	42.20	65.84	16.76	14.50	65.01	67.18	67.18	65.01	655.31
1923	Below Normal	60.35	65.01	62.57	54.11	55.92	42.89	15.81	11.68	47.59	66.90	55.87	65.01	603.71
1924	Critical	66.85	58.73	51.40	56.64	28.72	11.68	13.30	11.92	3.87	11.68	18.61	40.18	373.58
1925	Dry	45.20	22.11	56.09	46.99	30.75	41.34	16.93	13.93	48.67	67.18	57.50	50.91	497.60
1926	Dry	55.33	59.44	52.05	47.00	22.76	15.20	17.33	11.68	29.74	45.45	34.16	53.48	443.62
1927	Wet	51.62	65.01	54.60	34.65	51.99	53.93	14.16	11.68	40.67	67.18	67.18	62.63	575.30
1928	Above Normal	45.70	28.98	67.18	50.52	29.64	57.63	15.69	11.68	36.15	60.72	67.18	52.02	523.09
1929	Critical	44.84	36.74	67.18	48.12	43.30	34.41	11.31	11.68	9.77	29.78	67.18	42.79	447.10
1930	Dry	48.56	42.80	46.13	35.15	33.05	30.16	19.99	17.31	15.90	38.87	22.21	36.81	386.94
1931	Critical	50.62	45.86	46.73	47.68	43.34	16.38	11.31	11.68	5.85	8.76	18.60	39.31	346.12
1932	Dry	43.92	34.43	67.18	49.87	24.21	15.91	11.31	11.68	25.26	11.68	47.38	65.01	407.84
1933	Critical	50.53	43.40	46.78	9.96	12.67	19.03	11.31	11.68	7.70	11.68	67.18	57.54	349.46
1934	Critical	42.84	36.59	16.97	6.91	9.39	9.00	11.31	11.68	5.89	8.76	52.65	39.65	251.64
1935	Below Normal	27.70	43.10	61.48	41.34	10.92	21.89	14.57	11.68	41.63	46.05	29.23	59.06	408.65
1936	Below Normal	63.41	54.50	59.61	25.70	9.96	29.87	16.81	11.68	39.76	57.99	39.34	65.01	473.64
1937	Below Normal	59.98	53.01	62.08	40.90	13.67	9.01	18.18	16.00	13.84	47.58	34.94	65.01	434.20
1938	Wet	50.68	65.01	57.01	11.90	12.18	29.02	35.85	60.19	65.01	67.18	67.18	63.46	584.67
1939	Dry	55.75	11.31	62.06	49.78	51.28	25.78	12.19	11.68	6.29	64.92	33.69	57.16	441.89
1940	Above Normal	49.33	52.99	37.21	37.94	45.23	67.18	18.53	11.68	38.78	56.77	67.18	57.11	539.93
1941	Wet	45.39	38.73	61.20	57.97	60.67	67.18	22.59	19.71	56.55	67.18	67.18	64.67	629.02
1942	Wet	49.38	65.01	61.85	67.18	60.67	67.18	20.21	17.82	56.26	67.18	67.18	65.01	664.93
1943	Wet	54.03	65.01	58.89	67.18	60.67	67.18	20.09	11.68	49.05	67.18	67.18	65.01	653.15
1944	Dry	48.26	55.82	64.29	49.73	50.27	35.41	14.92	11.68	24.70	54.26	32.25	44.01	485.60
1945	Below Normal	50.14	65.01	55.68	50.10	51.43	59.82	14.71	11.68	29.20	67.18	67.18	65.01	587.14
1946	Below Normal	67.18	65.01	67.18	59.05	60.67	48.84	11.91	11.68	38.45	67.18	67.18	60.04	624.37
1947	Dry	67.18	65.01	67.18	57.39	46.41	19.47	12.72	11.68	23.84	67.18	36.85	58.93	533.84
1948	Below Normal	54.99	63.34	50.97	29.65	12.36	36.93	11.31	11.68	37.86	62.29	62.35	65.01	498.74
1949	Dry	67.18	59.71	62.52	47.06	43.77	28.19	11.31	11.68	24.50	67.18	60.57	65.01	548.68
1950	Below Normal	62.27	65.01	66.63	31.67	33.90	50.16	12.06	11.68	26.27	62.51	55.86	65.01	543.03
1951	Above Normal	67.18	65.01	67.18	45.87	13.27	37.08	13.60	11.68	38.07	50.18	67.18	65.01	541.31
1952	Wet	49.76	59.39	57.40	67.18	53.13	67.18	23.86	30.89	65.01	67.18	67.18	65.01	673.17
1953	Wet	48.79	55.00	67.18	46.37	50.52	53.96	14.56	12.25	27.39	67.18	67.18	65.01	575.39
1954	Above Normal	34.20	64.66	66.03	30.39	32.96	50.32	13.24	11.68	37.05	43.79	67.18	65.01	516.51
1955	Dry	45.76	62.55	67.18	52.39	47.89	35.80	13.35	11.68	8.45	67.18	37.84	52.83	502.90
1956	Wet	46.12	59.19	67.18	67.18	55.42	27.09	14.18	14.78	61.14	67.18	67.18	65.01	611.65
1957	Above Normal	52.97	65.01	62.67	48.22	24.69	42.64	14.66	11.95	26.29	59.24	67.18	55.09	530.61
1958	Wet	67.18	65.01	54.01	37.32	53.82	67.18	35.10	25.40	65.01	67.18	67.18	65.01	669.40
1959	Below Normal	54.49	53.77	67.18	32.03	39.85	50.66	17.22	13.32	23.51	65.93	67.18	51.11	536.25
1960	Dry	51.90	48.41	53.36	47.47	30.48	35.53	11.31	17.22	21.42	59.14	30.90	58.04	465.18
1961	Dry	52.93	57.39	67.18	48.47	26.49	48.18	11.31	12.02	5.24	65.83	51.72	65.01	511.77
1962	Below Normal	45.11	55.28	43.56	51.65	41.57	55.82	15.55	11.68	24.04	64.84	67.18	60.56	536.84
1963	Wet	67.18	65.01	51.99	35.38	38.30	52.23	13.10	11.68	48.64	67.18	65.24	65.01	580.94
1964	Dry	41.24	65.01	67.18	49.46	38.35	38.30	11.33	11.68	9.69	67.18	39.30	46.99	485.71
1965	Wet	42.56	44.73	58.54	67.18	57.88	66.52	17.92	11.68	40.35	67.18	67.18	65.01	606.73
1966	Below Normal	46.88	65.01	67.18	57.15	52.31	43.78	13.04	11.68	23.81	67.18	67.18	61.76	576.96
1967	Wet	58.30	53.48	57.21	54.72	47.80	61.67	29.88	26.10	65.01	67.18	67.18	63.46	651.99
1968	Below Normal	57.69	30.73	67.18	49.83	31.03	50.72	16.61	14.08	23.47	67.18	67.18	51.11	526.81
1969	Wet	56.98	58.20	67.18	61.77	60.67	29.06	38.64	57.57	65.01	67.18	67.18	54.03	683.47
1970	Wet	59.43	11.31	60.24	67.18	60.67	50.09	11.31	11.68	26.04	57.36	67.18	65.01	547.50
1971	Wet	47.89	29.67	58.00	48.56	44.40	56.82	14.94	12.03	37.42	66.47	67.18	61.48	544.86
1972	Below Normal	49.93	38.52	67.18	46.66	24.65	34.22	12.41	11.68	23.25	66.94	67.18	57.54	500.16
1973	Above Normal	50.05	65.01	55.55	42.57	57.43	59.70	13.77	11.68	40.33	66.92	67.18	48.10	578.29
1974	Wet	45.24	65.01	64.69	63.51	51.46	67.18	16.31	11.68	49.75	67.18	67.18	65.01	634.20
1975	Wet	62.02	65.01	67.18	49.34	41.57	67.18	14.48	11.68	54.41	67.18	67.18	65.01	632.24
1976	Critical	67.18	53.74	67.18	51.82	60.81	46.60	17.59	11.68	3.94	23.00	11.68	22.11	437.33
1977	Critical	37.18	51.78	44.44	39.10	49.19	11.68	11.31	11.68	0.84	8.76	60.22	19.12	345.30
1978	Above Normal	28.15	21.90	41.08	41.98	60.67	67.18	24.29	21.34	62.24	67.18	67.18	64.41	567.60
1979	Below Normal	55.11	42.33	66.86	57.17	60.67	67.18	14.28	16.39	39.07	67.18	67.18	49.51	602.93
1980	Above Normal	67.18	49.10	67.18	67.18	41.81	25.02	15.84	14.57	62.60	67.18	67.18	48.72	593.56
1981	Dry	47.30	54.49	67.18	49.96	44.99	35.49	18.64	14.78	23.32	67.18	49.72	51.28	524.33
1982	Wet	67.18	65.01	53.85	54.95	60.67	67.18	41.92	35.25	65.01	67.18	67.18	65.01	710.39
1983	Wet	67.18	65.01	67.18	65.18	30.45	29.07	38.46	57.43	65.01	67.18	67.18	65.01	684.34
1984	Wet	67.18	35.41	21.35	28.81	37.78	36.93	14.61	11.68	40.40	67.18	67.18	64.95	493.46
1985	Dry	54.05	65.01	67.18	49.88	46.43	42.57	16.70	13.01	23.69	67.18	59.69	65.01	570.40
1986	Wet	65.84	65.01	62.48	31.47	60.67	55.10	24.26	19.13	53.23	67.18	67.18	11.31	582.86
1987	Dry	36.13	11.31	60.04	48.24	44.18	34.27	11.31	11.68	23.04	53.68	25.06	43.87	402.81
1988	Critical	65.16	52.21	48.52	34.78	10.93	11.68	14.91	11.68	4.67	42.36	67.18	27.90	391.98
1989	Dry	36.55	47.08	41.18	46.42	15.84	17.65	17.39	11.68	33.33	57.81	40.08	47.70	412.71
1990	Critical	40.28	43.91	46.53	45.21	31.03	14.78	11.31	12.39	3.14	46.26	49.36	23.53	367.73
1991	Critical	45.12	42.49	38.57	22.08	22.38	18.92	15.22	11.96	15.49	41.05	35.50	31.67	340.45
1992	Critical	41.91	39.66	34.22	22.76	23.09	34.89	11.31	11.68	13.60	47.03	66.80	11.50	358.45
1993	Above Normal	29.73	42.41	52.87	47.24	54.30	57.27	11.31	11.68	52.80	67.18	67.18	65.01	558.98
1994	Critical	57.80	62.62	67.18	46.76	43.99	33.62	13.13	14.25	3.35	66.12	44.71	43.32	496.85
1995	Wet	34.13	53.11	52.89	43.97	47.88	67.18	25.59	63.62	65.01	67.18	67.18	65.01	652.75
1996	Wet	36.06	26.37	54.07	41.41	62.84	67.18	17.01	13.92	48.17	67.18	67.18	65.01	566.40
1997	Wet	43.93	65.01	67.18	67.18	60.67	52.34	12.21	11.68	63.99	63.14	67.18	65.01	639.52
1998	Wet	42.49	30.73	67.18	44.00	60.67	67.18	28.47	28.59	65.01	67.18	67.18	65.01	633.69
1999	Wet	67.18	65.01	58.88	59.82	60.67	67.18	12.71	11.68	40.60	67.18	67.18	50.41	628.50
2000	Above Normal	39.01	65.01	56.44	33.03	62.84	67.18	12.59	11.68	45.41	39.88	67.18	65.01	565.26
2001	Dry	45.04	65.01	59.46	50.52	40.00	42.28	14.51	11.68	22.84	67.18	35.55	45.06	499.13
2002	Dry	58.92	47.34	57.41	38.99	34.39	37.85	11.82	11.68	23.67	67.18	67.18	58.96	515.39
2003	Above Normal	61.28	65.01	56.34	33.62	44.34	48.83	11.31	11.68	33.76	67.18	67.18	54.93	555.46
	Average	51.86	51.86	57.95	46.29	41.50	43.29	16.66	16.05	34.40	57.61	57.16	55.03	529.66
	Wet	53.60	53.86	58.82	51.59	51.70	56.15	22.02	23.52	53.04	66.62	67.11	61.60	619.64
	Above Normal	49.33	54.18	58.08	44.24	42.45	53.82	15.13	12.98	44.87	59.45	67.18	58.79	560.49
	Below Normal	53.95	54.26	61.81	44.79	35.64	42.99	14.61	12.61	30.84	62.64	58.22	60.05	532.39
	Dry	50.07	48.57	60.27	48.04	37.31	32.19	14.13	12.69	21.87	58.68	42.31	53.67	479.80
	Critical	50.86	47.31	47.98	35.99	31.57	21.89	12.78	12.00	6.51	28.77	46.64	33.22	375.50

Energy Use (GWh) At Pumping Plant at Tracy: Alternative4_2020

Year	Year Type	October	November	December	January	February	March	April	May	June	July	August	September	Total
1922	Above Normal	67.18	65.01	67.18	52.26	42.21	65.82	16.76	14.50	65.01	67.18	67.18	65.01	655.30
1923	Below Normal	60.35	65.01	62.57	53.40	55.77	42.89	15.81	11.68	47.38	66.90	55.70	65.01	602.47
1924	Critical	66.85	58.72	51.40	56.64	28.72	11.68	13.30	11.95	3.87	11.68	18.61	40.23	373.65
1925	Dry	45.25	22.06	56.07	46.99	30.75	41.31	16.93	13.93	48.70	67.18	57.52	50.94	497.63
1926	Dry	55.34	59.45	52.03	47.00	22.76	15.18	17.33	11.68	29.68	45.45	34.01	53.46	443.37
1927	Wet	51.63	65.01	54.60	34.65	51.99	53.93	14.16	11.68	40.67	67.18	67.18	62.63	575.31
1928	Above Normal	45.71	28.96	67.18	50.52	29.64	57.63	15.69	11.68	36.15	60.71	67.18	52.02	523.07
1929	Critical	44.84	36.72	67.18	48.12	43.30	34.41	11.31	11.68	9.77	29.79	67.18	42.80	447.10
1930	Dry	48.57	42.82	46.12	35.15	33.05	30.14	19.99	17.31	15.87	38.84	22.22	36.81	386.89
1931	Critical	50.63	45.88	46.71	47.68	43.35	16.39	11.31	11.68	5.85	8.76	18.60	39.32	346.16
1932	Dry	43.94	34.38	67.18	49.87	24.11	14.54	11.31	11.68	25.26	11.68	47.49	65.01	406.45
1933	Critical	50.54	43.41	47.86	9.95	12.66	19.03	11.31	11.68	7.70	11.68	67.18	57.60	350.60
1934	Critical	42.93	36.65	16.72	6.91	9.39	8.87	11.31	11.68	5.89	8.76	49.07	39.79	247.97
1935	Below Normal	27.53	43.15	61.48	44.53	10.88	21.89	14.57	11.68	41.63	46.05	29.25	59.10	411.74
1936	Below Normal	63.45	54.55	65.76	19.41	12.25	31.40	16.81	11.68	39.76	57.95	39.35	65.01	477.38
1937	Below Normal	60.01	53.04	62.04	40.75	13.66	24.76	18.16	14.53	13.08	47.47	34.95	65.01	447.46
1938	Wet	50.64	65.01	67.18	14.99	12.85	41.83	32.42	36.96	65.01	67.18	67.18	63.46	584.71
1939	Dry	56.43	11.31	62.95	49.78	51.24	25.78	11.31	11.68	6.28	66.46	33.27	55.17	441.66
1940	Above Normal	51.27	52.99	36.51	37.94	45.23	67.18	18.53	11.68	38.78	56.61	67.18	58.73	542.63
1941	Wet	45.43	41.39	61.20	57.97	60.67	67.18	22.59	19.71	56.55	67.18	67.18	64.65	631.70
1942	Wet	50.38	65.01	61.85	67.18	60.67	67.18	20.21	17.82	56.26	67.18	67.18	65.01	665.93
1943	Wet	54.02	65.01	58.89	67.18	60.67	67.18	20.09	11.68	55.15	67.18	67.18	65.01	659.24
1944	Dry	46.74	54.90	64.30	49.73	50.27	35.41	14.92	11.68	26.40	53.13	32.33	44.10	483.91
1945	Below Normal	50.16	65.01	55.68	50.10	47.87	67.18	14.71	11.68	29.20	67.18	67.18	65.01	590.96
1946	Below Normal	67.18	65.01	67.18	59.05	60.67	50.62	11.91	11.68	36.59	67.18	67.18	61.86	626.11
1947	Dry	67.18	65.01	67.18	57.39	46.41	19.47	12.72	11.68	23.85	67.18	38.06	58.86	534.99
1948	Below Normal	54.97	63.33	50.99	29.65	12.33	36.93	11.31	11.68	37.86	62.23	62.37	65.01	498.66
1949	Dry	67.18	59.71	62.18	47.06	43.77	28.19	11.31	11.68	24.50	67.18	60.56	65.01	548.33
1950	Below Normal	62.28	65.01	66.63	31.67	33.90	50.16	12.06	11.68	26.27	62.50	55.86	65.01	543.03
1951	Above Normal	67.18	65.01	67.18	45.80	18.22	37.08	13.60	11.68	38.07	50.17	67.18	65.01	546.18
1952	Wet	49.76	59.42	57.40	67.18	53.18	67.18	22.93	29.09	65.01	67.18	67.18	65.01	670.52
1953	Wet	48.76	65.01	67.18	39.78	50.52	53.96	14.56	12.25	27.39	67.18	67.18	65.01	578.78
1954	Above Normal	33.74	63.73	66.01	30.39	32.96	50.32	13.24	11.68	37.05	43.65	67.18	65.01	514.96
1955	Dry	45.43	63.08	67.18	52.39	48.19	35.80	13.35	11.68	8.45	67.18	37.27	52.79	502.79
1956	Wet	46.20	59.20	67.18	67.18	62.52	27.09	14.18	14.78	61.14	67.18	67.18	65.01	618.84
1957	Above Normal	52.97	65.01	62.68	48.22	24.69	42.64	14.66	11.95	26.29	59.24	67.18	55.10	530.63
1958	Wet	67.18	65.01	54.01	37.32	53.82	67.18	34.34	25.40	65.01	67.18	67.18	65.01	668.64
1959	Below Normal	54.71	65.01	67.18	32.03	39.85	50.63	17.22	13.32	23.51	65.86	67.18	52.04	548.54
1960	Dry	51.91	48.07	53.33	47.47	30.48	35.53	11.31	17.22	21.42	59.14	30.80	57.97	464.65
1961	Dry	52.77	57.40	67.18	48.47	26.49	48.18	11.31	12.02	5.24	65.83	51.67	65.01	511.57
1962	Below Normal	45.18	55.31	43.53	51.65	41.57	55.82	15.55	11.68	24.04	64.86	67.18	60.56	536.93
1963	Wet	67.18	65.01	51.99	35.38	38.30	52.23	13.10	11.68	48.51	67.18	65.24	65.01	580.81
1964	Dry	41.24	65.01	67.18	49.46	38.35	38.30	11.33	11.68	9.69	67.18	39.31	47.01	485.74
1965	Wet	42.56	44.73	58.54	67.18	57.88	66.52	17.92	11.68	40.35	67.18	67.18	65.01	606.73
1966	Below Normal	46.89	65.01	67.18	57.15	52.31	43.78	13.04	11.68	23.81	67.18	67.18	61.70	576.91
1967	Wet	58.30	53.48	57.21	54.72	47.80	61.67	28.74	24.85	65.01	67.18	67.18	65.01	651.15
1968	Below Normal	57.67	58.70	67.18	49.83	31.03	50.72	16.61	14.08	23.47	67.18	67.18	51.11	554.76
1969	Wet	56.97	58.17	67.18	55.68	60.67	41.76	36.67	59.54	65.01	67.18	67.18	57.30	693.31
1970	Wet	59.02	11.31	60.24	67.18	60.67	47.78	11.31	11.68	26.04	57.40	67.18	65.01	544.82
1971	Wet	47.87	29.25	58.00	48.56	44.40	56.82	14.94	12.03	37.42	66.32	67.18	61.48	544.27
1972	Below Normal	49.94	38.59	67.18	46.66	24.65	34.22	12.41	11.68	23.25	66.94	67.18	57.57	500.27
1973	Above Normal	50.04	65.01	55.55	42.57	57.43	59.70	13.77	11.68	40.33	66.92	67.18	53.28	583.46
1974	Wet	45.24	65.01	64.69	61.94	51.46	67.18	16.31	11.68	49.74	67.18	67.18	65.01	632.62
1975	Wet	62.01	65.01	67.18	49.34	41.57	67.18	14.48	11.68	54.41	67.18	67.18	65.01	632.23
1976	Critical	67.18	53.98	67.18	51.82	60.81	46.60	17.59	11.68	3.94	22.82	11.68	22.10	437.38
1977	Critical	37.41	51.77	44.43	39.11	49.14	11.68	11.31	11.68	0.84	8.76	58.95	19.13	344.21
1978	Above Normal	28.66	21.93	40.99	41.98	56.49	65.19	22.06	17.44	59.41	67.18	67.18	65.01	553.52
1979	Below Normal	55.40	65.01	67.18	57.23	60.67	67.18	14.28	16.38	38.91	64.46	67.18	49.49	623.37
1980	Above Normal	67.18	56.57	67.18	58.04	14.71	25.05	15.84	14.57	62.60	67.18	67.18	59.17	575.27
1981	Dry	47.80	53.95	67.18	49.97	44.99	35.49	18.64	14.78	23.32	67.18	48.99	51.09	523.38
1982	Wet	67.18	65.01	53.85	54.95	60.67	67.18	46.61	30.90	65.01	67.18	67.18	65.01	710.73
1983	Wet	67.18	65.01	67.18	67.18	48.92	49.52	58.25	60.74	65.01	67.18	67.18	65.01	748.36
1984	Wet	67.18	37.60	41.79	33.12	38.05	36.93	14.61	11.68	40.40	67.18	67.18	64.95	520.67
1985	Dry	54.06	65.01	67.18	49.88	46.43	42.57	16.70	13.01	23.69	67.18	59.69	65.01	570.41
1986	Wet	65.84	65.01	62.48	31.47	60.67	59.58	24.26	19.13	53.23	67.18	67.18	11.31	587.34
1987	Dry	36.11	13.02	60.00	48.24	44.18	34.27	11.31	11.68	22.29	54.65	27.69	43.79	407.23
1988	Critical	65.13	52.21	48.52	34.78	10.93	11.68	14.91	11.68	4.67	42.29	67.18	27.91	391.89
1989	Dry	36.60	47.01	41.20	46.42	15.83	17.65	17.39	11.68	33.33	57.79	40.26	46.60	411.76
1990	Critical	40.27	43.92	46.46	45.21	31.03	14.78	11.31	12.39	3.14	46.25	34.38	38.27	367.41
1991	Critical	44.38	42.42	38.73	22.03	22.38	18.92	15.22	11.96	15.51	41.08	35.97	31.66	340.26
1992	Critical	41.84	40.07	34.18	22.38	23.09	34.89	11.31	11.68	20.81	39.15	66.69	11.33	357.42
1993	Above Normal	29.67	42.44	52.86	47.24	54.30	57.23	11.31	11.68	52.80	67.18	67.18	65.01	558.90
1994	Critical	57.80	62.35	67.18	46.76	43.99	33.62	13.13	14.25	3.35	66.12	44.67	43.37	496.59
1995	Wet	34.16	53.09	52.91	43.97	47.88	67.18	22.99	37.13	65.01	67.18	67.18	65.01	623.69
1996	Wet	36.03	61.47	54.07	41.41	62.84	67.18	17.01	13.91	48.16	67.18	67.18	65.01	601.45
1997	Wet	42.32	65.01	67.18	67.18	60.67	53.07	12.21	11.68	63.99	61.80	67.18	65.01	637.30
1998	Wet	42.58	30.65	67.18	44.00	60.67	67.18	26.70	27.19	65.01	67.18	67.18	65.01	630.53
1999	Wet	67.18	65.01	58.87	59.82	60.67	67.18	12.71	11.68	40.60	67.18	67.18	50.38	628.46
2000	Above Normal	39.09	65.01	56.49	33.03	62.84	67.18	12.59	11.68	45.41	39.92	67.18	65.01	565.43
2001	Dry	45.00	65.01	60.12	50.52	40.00	42.28	14.51	11.68	22.84	67.18	35.06	45.07	499.27
2002	Dry	58.92	47.36	57.41	38.99	34.38	37.85	11.82	11.68	23.67	67.18	67.18	58.77	515.21
2003	Above Normal	61.28	65.01	56.34	33.62	44.34	48.83	11.31	11.68	33.76	67.18	67.18	54.88	555.41
	Average	51.86	53.30	58.42	46.07	41.48	44.16	16.77	15.34	34.50	57.47	56.94	55.48	531.80
	Wet	53.57	55.77	60.00	51.40	52.72	58.03	22.47	21.47	53.27	66.56	67.11	61.78	624.16
	Above Normal	49.50	54.72	58.01	43.47	40.26	53.65	14.95	12.66	44.64	59.43	67.18	60.27	558.73
	Below Normal	53.98	58.70	62.27	44.51	35.53	44.87	14.60	12.51	30.63	62.42	58.21	60.25	538.47
	Dry	50.03	48.59	60.33	48.04	37.32	32.11	14.08	12.69	21.92	58.76	42.41	53.47	479.74
	Critical	50.82	47.34	48.05	35.95	31.57	21.88	12.78	12.00	7.11	28.10	45.01	34.46	375.05

Difference in Energy Use (GWh) At Pumping Plant at Tracy: Alternative4_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	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1923	Below Normal	0.00	0.00	0.00	(0.71)	(0.15)	0.00	0.00	0.00	(0.21)	0.00	(0.17)	0.00	(0.10)
1924	Critical	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.05	0.01
1925	Dry	0.05	(0.05)	(0.02)	0.00	0.00	(0.03)	0.00	0.00	0.03	0.00	0.02	0.03	0.00
1926	Dry	0.01	0.01	(0.02)	0.00	0.00	(0.02)	0.00	0.00	(0.06)	0.00	(0.15)	(0.02)	(0.02)
1927	Wet	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1928	Above Normal	0.01	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00
1929	Critical	0.00	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00
1930	Dry	0.01	0.02	(0.01)	0.00	0.00	(0.02)	0.00	0.00	(0.03)	(0.03)	0.01	0.00	0.00
1931	Critical	0.01	0.02	(0.02)	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1932	Dry	0.02	(0.05)	0.00	0.00	(0.10)	(1.37)	0.00	0.00	0.00	0.00	0.11	0.00	(0.12)
1933	Critical	0.01	0.01	1.08	(0.01)	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.09
1934	Critical	0.09	0.06	(0.25)	0.00	0.00	(0.13)	0.00	0.00	0.00	0.00	(3.58)	0.14	(0.31)
1935	Below Normal	(0.17)	0.05	0.00	3.19	(0.04)	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.26
1936	Below Normal	0.04	0.05	6.15	(6.29)	2.29	1.53	0.00	0.00	0.00	(0.04)	0.01	0.00	0.31
1937	Below Normal	0.03	0.03	(0.04)	(0.15)	(0.01)	15.75	(0.02)	(1.47)	(0.76)	(0.11)	0.01	0.00	1.11
1938	Wet	(0.04)	0.00	10.17	3.09	0.67	12.81	(3.43)	(23.23)	0.00	0.00	0.00	0.00	0.00
1939	Dry	0.68	0.00	0.89	0.00	(0.04)	0.00	(0.88)	0.00	(0.01)	1.54	(0.42)	(1.99)	(0.02)
1940	Above Normal	1.94	0.00	(0.70)	0.00	0.00	0.00	0.00	0.00	0.00	(0.16)	0.00	1.62	0.23
1941	Wet	0.04	2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.02)	0.22
1942	Wet	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08
1943	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.10	0.00	0.00	0.00	0.51
1944	Dry	(1.52)	(0.92)	0.01	0.00	0.00	0.00	0.00	0.00	1.70	(1.13)	0.08	0.09	(0.14)
1945	Below Normal	0.02	0.00	0.00	0.00	(3.56)	7.36	0.00	0.00	0.00	0.00	0.00	0.00	0.32
1946	Below Normal	0.00	0.00	0.00	0.00	0.00	1.78	0.00	0.00	(1.86)	0.00	0.00	1.82	0.15
1947	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	1.21	(0.07)	0.10
1948	Below Normal	(0.02)	(0.01)	0.02	0.00	(0.03)	0.00	0.00	0.00	0.00	(0.06)	0.02	0.00	(0.01)
1949	Dry	0.00	0.00	(0.34)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	0.00	(0.03)
1950	Below Normal	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
1951	Above Normal	0.00	0.00	0.00	(0.07)	4.95	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.41
1952	Wet	0.00	0.03	0.00	0.00	0.05	0.00	(0.93)	(1.80)	0.00	0.00	0.00	0.00	(0.22)
1953	Wet	(0.03)	10.01	0.00	(6.59)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28
1954	Above Normal	(0.46)	(0.93)	(0.02)	0.00	0.00	0.00	0.00	0.00	0.00	(0.14)	0.00	0.00	(0.13)
1955	Dry	(0.33)	0.53	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	(0.57)	(0.04)	(0.01)
1956	Wet	0.08	0.01	0.00	0.00	7.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60
1957	Above Normal	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
1958	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(0.76)	0.00	0.00	0.00	0.00	0.00	(0.06)
1959	Below Normal	0.22	11.24	0.00	0.00	0.00	(0.03)	0.00	0.00	0.00	(0.07)	0.00	0.93	1.02
1960	Dry	0.01	(0.34)	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.10)	(0.07)	(0.04)
1961	Dry	(0.16)	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.05)	0.00	(0.02)
1962	Below Normal	0.07	0.03	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.01
1963	Wet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.13)	0.00	0.00	0.00	(0.01)
1964	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	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	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.06)	0.00
1967	Wet	0.00	0.00	0.00	0.00	0.00	0.00	(1.14)	(1.25)	0.00	0.00	0.00	1.55	(0.07)
1968	Below Normal	(0.02)	27.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.33
1969	Wet	(0.01)	(0.03)	0.00	(6.09)	0.00	12.70	(1.97)	1.97	0.00	0.00	0.00	3.27	0.82
1970	Wet	(0.41)	0.00	0.00	0.00	0.00	(2.31)	0.00	0.00	0.00	0.04	0.00	0.00	(0.22)
1971	Wet	(0.02)	(0.42)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.15)	0.00	0.00	(0.05)
1972	Below Normal	0.01	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01
1973	Above Normal	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.18	0.43
1974	Wet	0.00	0.00	0.00	(1.57)	0.00	0.00	0.00	0.00	(0.01)	0.00	0.00	0.00	(0.13)
1975	Wet	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	Critical	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.18)	0.00	(0.01)	0.00
1977	Critical	0.23	(0.01)	(0.01)	0.01	(0.05)	0.00	0.00	0.00	0.00	0.00	(1.27)	0.01	(0.09)
1978	Above Normal	0.51	0.03	(0.09)	0.00	(4.18)	(1.99)	(2.23)	(3.90)	(2.83)	0.00	0.00	0.60	(1.17)
1979	Below Normal	0.29	22.68	0.32	0.06	0.00	0.00	0.00	(0.01)	(0.16)	(2.72)	0.00	(0.02)	1.70
1980	Above Normal	0.00	7.47	0.00	(9.14)	(27.10)	0.03	0.00	0.00	0.00	0.00	0.00	10.45	(1.52)
1981	Dry	0.50	(0.54)	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	(0.73)	(0.19)	(0.08)
1982	Wet	0.00	0.00	0.00	0.00	0.00	0.00	4.69	(4.35)	0.00	0.00	0.00	0.00	0.03
1983	Wet	0.00	0.00	0.00	2.00	18.47	20.45	19.79	3.31	0.00	0.00	0.00	0.00	5.34
1984	Wet	0.00	2.19	20.44	4.31	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.27
1985	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
1986	Wet	0.00	0.00	0.00	0.00	0.00	4.48	0.00	0.00	0.00	0.00	0.00	0.00	0.37
1987	Dry	(0.02)	1.71	(0.04)	0.00	0.00	0.00	0.00	0.00	(0.75)	0.97	2.63	(0.08)	0.37
1988	Critical	(0.03)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.07)	0.00	0.01	(0.01)
1989	Dry	0.05	(0.07)	0.02	0.00	(0.01)	0.00	0.00	0.00	0.00	(0.02)	0.18	(1.10)	(0.08)
1990	Critical	(0.01)	0.01	(0.07)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)	(14.98)	14.74	(0.03)
1991	Critical	(0.74)	(0.07)	0.16	(0.05)	0.00	0.00	0.00	0.00	0.02	0.03	0.47	(0.01)	(0.02)
1992	Critical	(0.07)	0.41	(0.04)	(0.38)	0.00	0.00	0.00	0.00	7.21	(7.88)	(0.11)	(0.17)	(0.09)
1993	Above Normal	(0.06)	0.03	(0.01)	0.00	0.00	(0.04)	0.00	0.00	0.00	0.00	0.00	0.00	(0.01)
1994	Critical	0.00	(0.27)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.04)	0.05	(0.02)
1995	Wet	0.03	(0.02)	0.02	0.00	0.00	0.00	(2.60)	(26.49)	0.00	0.00	0.00	0.00	(2.42)
1996	Wet	(0.03)	35.10	0.00	0.00	0.00	0.00	0.00	(0.01)	(0.01)	0.00	0.00	0.00	2.92
1997	Wet	(1.61)	0.00	0.00	0.00	0.00	0.73	0.00	0.00	0.00	(1.34)	0.00	0.00	(0.19)
1998	Wet	0.09	(0.08)	0.00	0.00	0.00	0.00	(1.77)	(1.40)	0.00	0.00	0.00	0.00	(0.26)
1999	Wet	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.03)	0.00
2000	Above Normal	0.08	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.01
2001	Dry	(0.04)	0.00	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(0.49)	0.01	0.01
2002	Dry	0.00	0.02	0.00	0.00	(0.01)	0.00	0.00	0.00	0.00	0.00	0.00	(0.19)	(0.02)
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	(0.05)	0.00
	Average	0.00	1.45	0.47	(0.22)	(0.01)	0.87	0.11	(0.71)	0.10	(0.14)	(0.22)	0.45	0.18
	Wet	(0.04)	1.90	1.18	(0.19)	1.02	1.88	0.46	(2.05)	0.23	(0.06)	0.00	0.18	0.38
	Above Normal	0.17	0.55	(0.06)	(0.77)	(2.19)	(0.17)	(0.19)	(0.33)	(0.24)	(0.02)	0.00	1.48	(0.15)
	Below Normal	0.03	4.44	0.46	(0.28)	(0.11)	1.89	(0.00)	(0.11)	(0.21)	(0.21)	(0.01)	0.20	0.51
	Dry	(0.04)	0.02	0.06	0.00	0.01	(0.08)	(0.05)	0.00	0.05	0.07	0.10	(0.20)	(0.01)
	Critical	(0.04)	0.03	0.07	(0.04)	(0.00)	(0.01)	0.00	0.00	0.60	(0.68)	(1.63)	1.24	(0.04)

Percent Difference in Energy Use (GWh) At Pumping Plant at Tracy: Alternative4_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%	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%	-9%	0%	0%	0%	0%	0%	0%
1933	Critical	0%	0%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1934	Critical	0%	0%	-1%	0%	0%	-1%	0%	0%	0%	0%	-7%	0%
1935	Below Normal	-1%	0%	0%	8%	0%	0%	0%	0%	0%	0%	0%	0%
1936	Below Normal	0%	0%	10%	-24%	23%	5%	0%	0%	0%	0%	0%	0%
1937	Below Normal	0%	0%	0%	0%	0%	175%	0%	-9%	-5%	0%	0%	0%
1938	Wet	0%	0%	18%	26%	6%	44%	-10%	-39%	0%	0%	0%	0%
1939	Dry	1%	0%	1%	0%	0%	0%	-7%	0%	0%	2%	-1%	-3%
1940	Above Normal	4%	0%	-2%	0%	0%	0%	0%	0%	0%	0%	0%	3%
1941	Wet	0%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1942	Wet	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1943	Wet	0%	0%	0%	0%	0%	0%	0%	0%	12%	0%	0%	0%
1944	Dry	-3%	-2%	0%	0%	0%	0%	0%	0%	7%	-2%	0%	0%
1945	Below Normal	0%	0%	0%	0%	-7%	12%	0%	0%	0%	0%	0%	0%
1946	Below Normal	0%	0%	0%	0%	0%	4%	0%	0%	-5%	0%	0%	3%
1947	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3%	0%
1948	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1949	Dry	0%	0%	-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%	0%	0%	37%	0%	0%	0%	0%	0%	0%	0%
1952	Wet	0%	0%	0%	0%	0%	0%	-4%	-6%	0%	0%	0%	0%
1953	Wet	0%	18%	0%	-14%	0%	0%	0%	0%	0%	0%	0%	0%
1954	Above Normal	-1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1955	Dry	-1%	1%	0%	0%	1%	0%	0%	0%	0%	0%	-2%	0%
1956	Wet	0%	0%	0%	0%	13%	0%	0%	0%	0%	0%	0%	0%
1957	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1958	Wet	0%	0%	0%	0%	0%	0%	-2%	0%	0%	0%	0%	0%
1959	Below Normal	0%	21%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2%
1960	Dry	0%	-1%	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%	-4%	-5%	0%	0%	0%	2%
1968	Below Normal	0%	91%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1969	Wet	0%	0%	0%	-10%	0%	44%	-5%	3%	0%	0%	0%	6%
1970	Wet	-1%	0%	0%	0%	0%	-5%	0%	0%	0%	0%	0%	0%
1971	Wet	0%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1972	Below Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1973	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	11%
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%	-1%	0%	0%
1977	Critical	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-2%	0%
1978	Above Normal	2%	0%	0%	0%	-7%	-3%	-9%	-18%	-5%	0%	0%	1%
1979	Below Normal	1%	54%	0%	0%	0%	0%	0%	0%	0%	-4%	0%	0%
1980	Above Normal	0%	15%	0%	-14%	-65%	0%	0%	0%	0%	0%	0%	21%
1981	Dry	1%	-1%	0%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
1982	Wet	0%	0%	0%	0%	0%	0%	11%	-12%	0%	0%	0%	0%
1983	Wet	0%	0%	0%	3%	61%	70%	51%	6%	0%	0%	0%	0%
1984	Wet	0%	6%	96%	15%	1%	0%	0%	0%	0%	0%	0%	0%
1985	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1986	Wet	0%	0%	0%	0%	0%	8%	0%	0%	0%	0%	0%	0%
1987	Dry	0%	15%	0%	0%	0%	0%	0%	0%	-3%	2%	10%	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%	-2%
1990	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-30%	63%
1991	Critical	-2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
1992	Critical	0%	1%	0%	-2%	0%	0%	0%	0%	53%	-17%	0%	-1%
1993	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1994	Critical	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1995	Wet	0%	0%	0%	0%	0%	0%	-10%	-42%	0%	0%	0%	0%
1996	Wet	0%	133%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1997	Wet	-4%	0%	0%	0%	0%	1%	0%	0%	0%	-2%	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%	0%	0%	0%	0%	0%	0%	0%	0%
2001	Dry	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	-1%	0%
2002	Dry	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
2003	Above Normal	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Average	0%	4%	2%	0%	1%	4%	0%	-2%	1%	0%	0%	1%
	Wet	0%	6%	4%	1%	3%	6%	1%	-4%	0%	0%	0%	0%
	Above Normal	0%	1%	0%	-1%	-3%	0%	-1%	-2%	0%	0%	0%	3%
	Below Normal	0%	12%	1%	-1%	1%	14%	0%	-1%	-1%	0%	0%	0%
	Dry	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
	Critical	0%	0%	0%	0%	0%	0%	0%	0%	4%	-1%	-3%	5%