

SMUD+Yolo System Load, Generation, ENS and Dump Energy					
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Year	Month	Total_load	E_N_S_	Total Generation	Dump_energy
2008	1	1,099.38	0	1,099.38	0
2008	2	957.41	0	957.41	0
2008	3	1,004.32	0	1,004.32	0
2008	4	936.17	0	936.17	0
2008	5	1,041.70	0	1,041.70	0
2008	6	1,137.13	0	1,137.13	0
2008	7	1,265.47	0	1,265.47	0
2008	8	1,325.54	0	1,325.54	0
2008	9	1,143.54	0	1,143.54	0
2008	10	1,008.11	0	1,008.11	0
2008	11	980.12	0	980.12	0
2008	12	1,118.32	0	1,118.32	0
2009	1	1,127.00	0	1,127.00	0
2009	2	973.56	0	973.56	0
2009	3	1,018.24	0	1,018.24	0
2009	4	950.44	0	950.44	0
2009	5	1,062.81	0	1,062.81	0
2009	6	1,141.84	0	1,141.84	0
2009	7	1,289.87	0	1,289.87	0
2009	8	1,350.41	0	1,350.41	0
2009	9	1,168.40	0	1,168.40	0
2009	10	1,030.88	0	1,030.88	0
2009	11	992.16	0	992.16	0
2009	12	1,139.41	0	1,139.41	0
2010	1	1,144.25	0	1,144.25	0
2010	2	978.73	0	978.73	0
2010	3	1,025.97	0	1,025.97	0
2010	4	971.01	0	971.01	0
2010	5	1,100.40	0	1,100.40	0
2010	6	1,196.18	0	1,196.18	0
2010	7	1,324.13	0	1,324.13	0
2010	8	1,335.90	0	1,335.90	0
2010	9	1,165.71	0	1,165.71	0
2010	10	1,048.19	0	1,048.19	0
2010	11	1,026.27	0	1,026.27	0
2010	12	1,168.24	0	1,168.24	0
2011	1	1,163.02	0	1,163.02	0
2011	2	1,001.19	0	1,001.19	0
2011	3	1,044.41	0	1,044.41	0
2011	4	994.4	0	994.4	0
2011	5	1,111.43	0	1,111.43	0
2011	6	1,212.12	0	1,212.12	0
2011	7	1,351.51	0	1,351.51	0
2011	8	1,354.03	0	1,354.03	0
2011	9	1,197.55	0	1,197.55	0
2011	10	1,067.52	0	1,067.52	0
2011	11	1,044.75	0	1,044.75	0

SMUD+Yolo System Load, Generation, ENS and Dump Energy					
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Year	Month	Total_load	E_N_S_	Total Generation	Dump_energy
2011	12	1,189.12	0	1,189.12	0
2012	1	1,184.42	0	1,184.42	0
2012	2	1,026.04	0	1,026.04	0
2012	3	1,073.73	0	1,073.73	0
2012	4	1,010.08	0	1,010.08	0
2012	5	1,115.25	0	1,115.25	0
2012	6	1,242.74	0	1,242.74	0
2012	7	1,367.76	0	1,367.76	0
2012	8	1,400.49	0	1,400.49	0
2012	9	1,235.07	0	1,235.07	0
2012	10	1,079.71	0	1,079.71	0
2012	11	1,061.38	0	1,061.38	0
2012	12	1,213.20	0	1,213.20	0
2013	1	1,203.56	0	1,203.56	0
2013	2	1,045.32	0	1,045.32	0
2013	3	1,097.32	0	1,097.32	0
2013	4	1,023.68	0	1,023.68	0
2013	5	1,134.63	0	1,134.63	0
2013	6	1,257.00	0	1,257.00	0
2013	7	1,382.51	0	1,382.51	0
2013	8	1,436.78	0	1,436.78	0
2013	9	1,254.07	0	1,254.07	0
2013	10	1,099.89	0	1,099.89	0
2013	11	1,075.75	0	1,075.75	0
2013	12	1,229.10	0	1,229.10	0
2014	1	1,231.00	0	1,231.00	0
2014	2	1,067.94	0	1,067.94	0
2014	3	1,120.28	0	1,120.28	0
2014	4	1,043.09	0	1,043.09	0
2014	5	1,162.50	0	1,162.50	0
2014	6	1,268.22	0	1,268.22	0
2014	7	1,412.82	0	1,412.82	0
2014	8	1,479.71	0	1,479.71	0
2014	9	1,277.53	0	1,277.53	0
2014	10	1,125.75	0	1,125.75	0
2014	11	1,094.97	0	1,094.97	0
2014	12	1,249.30	0	1,249.30	0
2015	1	1,262.14	0	1,262.14	0
2015	2	1,090.50	0	1,090.50	0
2015	3	1,140.16	0	1,140.16	0
2015	4	1,063.50	0	1,063.50	0
2015	5	1,190.61	0	1,190.61	0
2015	6	1,278.93	0	1,278.93	0
2015	7	1,444.76	0	1,444.76	0
2015	8	1,513.29	0	1,513.29	0
2015	9	1,309.59	0	1,309.59	0
2015	10	1,154.77	0	1,154.77	0
2015	11	1,112.57	0	1,112.57	0
2015	12	1,276.37	0	1,276.37	0
2016	1	1,282.23	0	1,282.23	0

SMUD+Yolo System Load, Generation, ENS and Dump Energy					
Year	Month	Total_load	E_N_S_	Total Generation	Dump_energy
2016	2	1,097.07	0	1,097.07	0
2016	3	1,148.84	0	1,148.84	0
2016	4	1,094.14	0	1,094.14	0
2016	5	1,222.89	0	1,222.89	0
2016	6	1,333.15	0	1,333.15	0
2016	7	1,487.01	0	1,487.01	0
2016	8	1,489.44	0	1,489.44	0
2016	9	1,317.48	0	1,317.48	0
2016	10	1,174.68	0	1,174.68	0
2016	11	1,149.35	0	1,149.35	0
2016	12	1,308.23	0	1,308.23	0
2017	1	1,302.31	0	1,302.31	0
2017	2	1,126.77	0	1,126.77	0
2017	3	1,175.20	0	1,175.20	0
2017	4	1,116.30	0	1,116.30	0
2017	5	1,233.06	0	1,233.06	0
2017	6	1,362.25	0	1,362.25	0
2017	7	1,511.40	0	1,511.40	0
2017	8	1,526.63	0	1,526.63	0
2017	9	1,353.41	0	1,353.41	0
2017	10	1,192.60	0	1,192.60	0
2017	11	1,169.07	0	1,169.07	0
2017	12	1,336.66	0	1,336.66	0
2018	1	1,326.21	0	1,326.21	0
2018	2	1,152.02	0	1,152.02	0
2018	3	1,204.42	0	1,204.42	0
2018	4	1,132.69	0	1,132.69	0
2018	5	1,251.08	0	1,251.08	0
2018	6	1,393.58	0	1,393.58	0
2018	7	1,533.61	0	1,533.61	0
2018	8	1,571.07	0	1,571.07	0
2018	9	1,386.37	0	1,386.37	0
2018	10	1,210.53	0	1,210.53	0
2018	11	1,190.19	0	1,190.19	0
2018	12	1,360.95	0	1,360.95	0
2019	1	1,355.23	0	1,355.23	0
2019	2	1,177.16	0	1,177.16	0
2019	3	1,235.82	0	1,235.82	0
2019	4	1,151.67	0	1,151.67	0
2019	5	1,277.38	0	1,277.38	0
2019	6	1,414.63	0	1,414.63	0
2019	7	1,556.24	0	1,556.24	0
2019	8	1,618.90	0	1,618.90	0
2019	9	1,413.12	0	1,413.12	0
2019	10	1,238.09	0	1,238.09	0
2019	11	1,211.04	0	1,211.04	0
2019	12	1,383.91	0	1,383.91	0
2020	1	1,386.17	0	1,386.17	0
2020	2	1,208.75	0	1,208.75	0
2020	3	1,258.56	0	1,258.56	0

Year	Month	Total_load	E_N_S_	Total Generation	Dump_energy
2016	2	1,097.07	0	1,097.07	0
2016	3	1,148.84	0	1,148.84	0
2016	4	1,094.14	0	1,094.14	0
2016	5	1,222.89	0	1,222.89	0
2016	6	1,333.15	0	1,333.15	0
2016	7	1,487.01	0	1,487.01	0
2016	8	1,489.44	0	1,489.44	0
2016	9	1,317.48	0	1,317.48	0
2016	10	1,174.68	0	1,174.68	0
2016	11	1,149.35	0	1,149.35	0
2016	12	1,308.23	0	1,308.23	0
2017	1	1,302.31	0	1,302.31	0
2017	2	1,126.77	0	1,126.77	0
2017	3	1,175.20	0	1,175.20	0
2017	4	1,116.30	0	1,116.30	0
2017	5	1,233.06	0	1,233.06	0
2017	6	1,362.25	0	1,362.25	0
2017	7	1,511.40	0	1,511.40	0
2017	8	1,526.63	0	1,526.63	0
2017	9	1,353.41	0	1,353.41	0
2017	10	1,192.60	0	1,192.60	0
2017	11	1,169.07	0	1,169.07	0
2017	12	1,336.66	0	1,336.66	0
2018	1	1,326.21	0	1,326.21	0
2018	2	1,152.02	0	1,152.02	0
2018	3	1,204.42	0	1,204.42	0
2018	4	1,132.69	0	1,132.69	0
2018	5	1,251.08	0	1,251.08	0
2018	6	1,393.58	0	1,393.58	0
2018	7	1,533.61	0	1,533.61	0
2018	8	1,571.07	0	1,571.07	0
2018	9	1,386.37	0	1,386.37	0
2018	10	1,210.53	0	1,210.53	0
2018	11	1,190.19	0	1,190.19	0
2018	12	1,360.95	0	1,360.95	0
2019	1	1,355.23	0	1,355.23	0
2019	2	1,177.16	0	1,177.16	0
2019	3	1,235.82	0	1,235.82	0
2019	4	1,151.67	0	1,151.67	0
2019	5	1,277.38	0	1,277.38	0
2019	6	1,414.63	0	1,414.63	0
2019	7	1,556.24	0	1,556.24	0
2019	8	1,618.90	0	1,618.90	0
2019	9	1,413.12	0	1,413.12	0
2019	10	1,238.09	0	1,238.09	0
2019	11	1,211.04	0	1,211.04	0
2019	12	1,383.91	0	1,383.91	0
2020	1	1,386.17	0	1,386.17	0
2020	2	1,208.75	0	1,208.75	0
2020	3	1,258.56	0	1,258.56	0

SMUD+Yolo System Load, Generation, ENS and Dump Energy					
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Year	Month	Total_load	E_N_S_	Total Generation	Dump_energy
2020	4	1,176.00	0	1,176.00	0
2020	5	1,314.22	0	1,314.22	0
2020	6	1,409.42	0	1,409.42	0
2020	7	1,594.60	0	1,594.60	0
2020	8	1,671.83	0	1,671.83	0
2020	9	1,446.59	0	1,446.59	0
2020	10	1,274.99	0	1,274.99	0
2020	11	1,227.42	0	1,227.42	0
2020	12	1,408.85	0	1,408.85	0
2021	1	1,415.35	0	1,415.35	0
2021	2	1,210.67	0	1,210.67	0
2021	3	1,268.50	0	1,268.50	0
2021	4	1,200.63	0	1,200.63	0
2021	5	1,362.43	0	1,362.43	0
2021	6	1,478.53	0	1,478.53	0
2021	7	1,637.68	0	1,637.68	0
2021	8	1,651.77	0	1,651.77	0
2021	9	1,441.47	0	1,441.47	0
2021	10	1,296.99	0	1,296.99	0
2021	11	1,269.23	0	1,269.23	0
2021	12	1,444.60	0	1,444.60	0
2022	1	1,440.27	0	1,440.27	0
2022	2	1,239.64	0	1,239.64	0
2022	3	1,292.92	0	1,292.92	0
2022	4	1,231.64	0	1,231.64	0
2022	5	1,376.52	0	1,376.52	0
2022	6	1,500.15	0	1,500.15	0
2022	7	1,673.97	0	1,673.97	0
2022	8	1,676.23	0	1,676.23	0
2022	9	1,482.96	0	1,482.96	0
2022	10	1,322.57	0	1,322.57	0
2022	11	1,293.46	0	1,293.46	0
2022	12	1,472.53	0	1,472.53	0
2023	1	1,465.47	0	1,465.47	0
2023	2	1,267.91	0	1,267.91	0
2023	3	1,322.34	0	1,322.34	0
2023	4	1,256.19	0	1,256.19	0
2023	5	1,387.02	0	1,387.02	0
2023	6	1,532.31	0	1,532.31	0
2023	7	1,700.78	0	1,700.78	0
2023	8	1,717.78	0	1,717.78	0
2023	9	1,523.58	0	1,523.58	0
2023	10	1,341.82	0	1,341.82	0
2023	11	1,315.32	0	1,315.32	0
2023	12	1,504.13	0	1,504.13	0
2024	1	1,491.77	0	1,491.77	0
2024	2	1,297.24	0	1,297.24	0
2024	3	1,363.11	0	1,363.11	0
2024	4	1,270.44	0	1,270.44	0
2024	5	1,408.06	0	1,408.06	0

SMUD+Yolo System Load, Generation, ENS and Dump Energy					
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Year	Month	Total_load	E_N_S_	Total Generation	Dump_energy
2024	6	1,559.58	0	1,559.58	0
2024	7	1,716.04	0	1,716.04	0
2024	8	1,786.29	0	1,786.29	0
2024	9	1,559.40	0	1,559.40	0
2024	10	1,365.20	0	1,365.20	0
2024	11	1,335.46	0	1,335.46	0
2024	12	1,526.17	0	1,526.17	0
2025	1	1,528.40	0	1,528.40	0
2025	2	1,326.34	0	1,326.34	0
2025	3	1,391.24	0	1,391.24	0
2025	4	1,297.21	0	1,297.21	0
2025	5	1,442.65	0	1,442.65	0
2025	6	1,571.80	0	1,571.80	0
2025	7	1,753.31	0	1,753.31	0
2025	8	1,840.14	0	1,840.14	0
2025	9	1,588.00	0	1,588.00	0
2025	10	1,397.31	0	1,397.31	0
2025	11	1,358.93	0	1,358.93	0
2025	12	1,550.61	0	1,550.61	0
2026	1	1,566.74	0	1,566.74	0
2026	2	1,353.89	0	1,353.89	0
2026	3	1,414.96	0	1,414.96	0
2026	4	1,320.37	0	1,320.37	0
2026	5	1,477.61	0	1,477.61	0
2026	6	1,581.68	0	1,581.68	0
2026	7	1,792.35	0	1,792.35	0
2026	8	1,881.07	0	1,881.07	0
2026	9	1,627.58	0	1,627.58	0
2026	10	1,433.67	0	1,433.67	0
2026	11	1,378.98	0	1,378.98	0
2026	12	1,583.75	0	1,583.75	0
2027	1	1,591.10	0	1,591.10	0
2027	2	1,360.68	0	1,360.68	0
2027	3	1,425.74	0	1,425.74	0
2027	4	1,349.46	0	1,349.46	0
2027	5	1,532.40	0	1,532.40	0
2027	6	1,661.61	0	1,661.61	0
2027	7	1,841.01	0	1,841.01	0
2027	8	1,856.54	0	1,856.54	0
2027	9	1,619.77	0	1,619.77	0
2027	10	1,458.34	0	1,458.34	0
2027	11	1,426.41	0	1,426.41	0
2027	12	1,623.81	0	1,623.81	0

Total_load
116.43
100.70
105.98
100.49
111.22
121.53
134.63
139.01
120.40
106.69
105.08
118.68
126.60
118.64
116.78
102.43
93.72
85.00
131.79
173.49
152.39
119.31
90.00
112.66
120.82
104.45
109.67
103.77
115.78
127.79
140.51
142.28
124.23
111.06
109.29
123.93
123.28
106.69
111.74
105.47
118.01
129.97
143.25
144.78
127.39
113.20
111.75

Total_load
126.24
125.96
108.60
113.46
107.83
119.07
132.81
145.76
148.03
129.82
115.62
114.13
128.66
128.38
110.53
115.44
109.73
121.98
135.20
148.47
151.21
132.40
117.84
116.54
131.45
130.69
112.58
117.63
112.04
124.74
136.97
151.50
154.44
135.02
120.16
118.90
134.20
142.36
133.76
131.08
114.49
104.63
95.94
148.53
195.95
173.05
134.42
102.73
127.04
135.78

Total_load
117.80
123.19
116.30
130.15
143.25
157.97
159.61
140.47
124.81
123.20
139.22
138.86
119.83
125.45
118.62
132.47
146.21
160.94
163.00
143.29
127.39
125.73
141.81
141.68
121.98
127.65
121.16
135.09
149.24
163.87
166.48
146.09
129.94
128.34
144.81
144.38
124.26
129.83
123.38
137.78
151.93
166.84
170.12
148.99
132.47
130.95
147.81
146.99
126.57
132.59

Total_load
126.18
140.39
154.62
170.44
174.05
152.05
135.07
134.45
150.86
149.51
129.79
135.64
128.40
143.40
157.98
173.87
175.98
154.48
137.42
135.68
153.26
152.33
131.79
138.02
130.31
145.82
160.46
177.05
178.81
157.42
139.87
138.02
155.97
155.10
133.80
140.10
132.45
147.89
163.23
179.77
182.06
160.08
142.26
140.42
158.35
157.81
136.01
141.82
135.89
150.44

Total_load
165.95
182.24
185.93
162.86
144.69
143.07
161.44
160.10
137.94
144.11
137.20
152.93
168.49
185.40
189.54
165.50
147.13
145.58
164.33
174.31
164.62
160.23
140.72
124.78
110.45
180.65
242.93
215.71
164.90
123.31
154.57
165.37
143.52
150.01
141.98
158.67
174.69
192.31
194.61
170.80
152.00
150.02
169.51

	Peak (MW) Yolo	Load (GWh) Yolo	Peak (MW) Yolo
	spreadsheet		LoadFarm
2008	369.29	1380.83	
2009	380.52	1422.82	
2010	383.40	1433.61	264
2011	390.92	1461.74	
2012	398.41	1489.74	
2013	406.28	1519.17	
2014	414.23	1548.87	
2015	428.96	1603.98	291
2016	431.04	1611.74	
2017	439.56	1643.60	
2018	448.31	1676.33	
2019	456.98	1708.74	
2020	466.48	1744.27	321
2021	474.81	1775.41	
2022	482.96	1805.88	
2023	490.88	1835.50	
2024	499.60	1868.12	
2025	507.66	1898.25	350
2026	523.43	1957.19	
2027	525.11	1963.49	

