

Lompoc

Power Product Description for 2010 Disclosure - Forecasted Supply Sources

2010 Monthly Supply Resource Detail - MWh @ ISO Meter

Resource Type	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Load	12,396.4	11,053.6	12,005.0	11,447.7	11,746.2	11,341.2	11,677.0	11,745.3	11,550.7	11,897.4	11,724.5	12,536.7	141,121.7
Non-Specific Sales	4.4	66.9	11.0	162.3	74.1	970.4	87.9	4.8	3.3	21.9	4.2	175.3	1,586.5
Seattle CL Ex. (Out)	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Load	12,401	11,121	12,016	11,610.0	11,820.3	12,311.6	11,764.9	11,750.1	11,554.0	11,919.3	11,728.7	12,712.0	142,708.2
Geothermal	2,796.9	2,451.8	2,414.1	2,269.2	2,527.1	2,583.9	2,678.4	2,699.0	2,622.7	2,698.4	2,691.8	2,720.2	31,153.5
- Plant 1	1,240.8	1,087.7	1,071.0	1,006.7	1,121.1	1,146.3	1,188.2	1,197.4	1,163.5	1,197.1	1,194.2	1,206.8	13,820.8
- Plant 2	1,556.1	1,364.1	1,343.1	1,262.5	1,406.0	1,437.6	1,490.2	1,501.6	1,459.2	1,501.3	1,497.6	1,513.4	17,332.7
Geothermal Unit Sales	-	-	-	-	-	-	-	-	-	-	-	-	-
Hydro Project #1 (Calaveras)	360.2	401.0	847.0	1,904.9	2,782.1	2,769.7	701.8	624.8	938.6	684.4	697.3	1,700.9	14,412.7
- Small Hydro	22.2	7.6	3.8	27.2	24.1	52.5	53.6	66.4	89.5	45.7	41.7	29.5	463.8
Spicer 1	12.8	1.2	0.5	8.9	9.5	22.5	26.3	29.7	42.9	13.4	20.6	8.9	197.3
Spicer 2	6.2	1.5	-	11.5	10.1	23.0	21.6	29.8	37.3	26.9	16.4	15.3	199.7
Spicer 3	3.2	4.9	3.4	6.8	4.4	7.0	5.6	6.9	9.2	5.4	4.7	5.3	66.7
- Large Hydro	338.0	393.4	843.2	1,877.7	2,758.0	2,717.2	648.2	558.4	849.1	638.7	655.6	1,671.4	13,948.9
Collerville 1	170.2	151.1	250.4	890.9	1,393.7	1,340.9	459.5	464.3	323.3	91.2	175.5	1,098.4	6,809.5
Collerville 2	167.8	242.3	592.7	986.9	1,364.3	1,376.2	188.7	94.1	525.8	547.6	480.1	573.0	7,139.5
CT #1	3.8	-	3.7	-	3.6	-	3.7	-	3.4	-	1.3	-	19.5
Alam #1 Natural Gas	1.2	-	1.2	-	1.2	-	1.2	-	1.2	-	-	-	6.1
Alam #2 Natural Gas	1.3	-	1.2	-	1.2	-	1.2	-	1.3	-	-	-	6.2
Lodi CT #1 Natural Gas	1.3	-	1.3	-	1.2	-	1.3	-	0.9	-	1.3	-	7.2
Roseville CT #1 Nat Gas	-	-	-	-	-	-	-	-	-	-	-	-	-
Roseville CT #2 Nat Gas	-	-	-	-	-	-	-	-	-	-	-	-	-
CT #2 (Lodi STIG)	-	-	-	-	-	-	-	-	-	-	-	29.3	29.3
Palo Alto COBUG	-	-	-	-	-	-	-	-	-	-	-	-	-
PS High Sierra	-	-	-	-	-	-	-	-	-	-	-	-	-
Graeagle	-	-	-	-	-	-	-	-	-	-	-	-	-
Mendo Hydro	-	-	-	-	-	-	-	-	-	-	-	-	-
High Winds	-	-	-	-	-	-	-	-	-	-	-	-	-
Shiloh Wind	-	-	-	-	-	-	-	-	-	-	-	-	-
Richmond LFG	-	-	-	-	-	-	-	-	-	-	-	-	-
Half Moon Bay LFG	-	-	-	-	-	-	-	-	-	-	-	-	-
Keller Canyon LFG	-	-	-	-	-	-	-	-	-	-	-	-	-
Santa Cruz LFG	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln LFG	-	-	-	-	-	-	-	-	-	-	-	-	-
Sun Edison Solar - PO	-	-	-	-	-	-	-	-	-	-	-	-	-
Seattle CL (In)	-	-	-	-	-	-	-	-	-	-	-	-	-
Western	125.0	17.6	53.4	372.8	1,068.8	1,235.3	1,181.6	893.2	581.5	413.9	189.5	581.2	6,713.8
- Western Small Hydro	3.8	0.3	1.0	5.7	22.4	19.2	16.5	10.0	5.5	3.3	3.7	7.0	98.6
Nimbus	3.8	0.3	1.0	5.7	20.3	18.2	16.4	10.0	5.5	3.3	3.7	7.0	95.3
O'Neill	-	-	-	-	2.2	1.1	0.1	-	-	-	-	-	3.3
- Western Large Hydro	121.2	17.3	52.4	367.1	1,046.4	1,216.1	1,165.1	883.2	576.0	410.6	185.8	574.2	6,615.2
J.F. Carr	(0.2)	0.1	(0.0)	(0.2)	0.2	30.5	70.9	73.2	59.6	57.1	1.3	0.7	293.1
Folsom	22.6	2.6	7.3	45.4	186.3	208.2	143.9	81.3	43.8	35.5	36.5	109.1	922.4
Keswick	17.4	1.9	6.0	32.2	82.9	102.1	100.7	79.9	53.8	35.1	20.3	66.2	596.5
New Melones	4.5	2.2	6.4	78.3	108.1	86.3	98.6	88.2	56.5	26.1	4.3	4.8	565.4
San Luis	-	-	-	9.0	43.1	74.3	65.1	24.4	-	-	-	-	215.9
Shasta	38.0	2.4	21.6	147.8	458.8	578.8	532.2	402.1	253.4	144.0	111.0	360.0	3,050.2
Spring Creek	33.4	7.4	8.6	35.9	12.0	32.8	66.8	65.9	52.3	65.6	6.0	24.3	410.9
Trinity	5.4	0.7	2.5	18.6	154.0	103.1	87.0	68.1	56.6	47.3	6.4	9.0	558.8
- Western NSP	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Non-Specific Purch	9,114.9	8,250.1	8,697.8	7,063.1	5,438.7	5,722.7	7,199.4	7,533.1	7,407.8	8,122.6	8,148.8	7,680.4	90,379.4
Total Specific Supply Sources	3,286	2,870	3,318	4,547	6,382	6,589	4,566	4,217	4,146	3,797	3,580	5,032	52,328.8
Total Non-Specific Supply	9,115	8,250	8,698	7,063	5,439	5,723	7,199	7,533	7,408	8,123	8,149	7,680	90,379.4
Total Supply	12,401	11,121	12,016	11,610	11,820	12,312	11,765	11,750	11,554	11,919	11,729	12,712	142,708.2
Unmet Demand	-	-	-	-	-	-	-	-	-	-	-	-	-
Surplus Supply	-	-	-	-	-	-	-	-	-	-	-	-	-

Blue-highlighted cells have been updated with meter data

Using Detail Generation Rights outlined above, this table calculates energy retained by Utility for resale to retail load. All other energy transacted in wholesale market by NCPA as pool operator.

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Total Projected Sales of this Product for Load								141,122
Specific Purchase Fuel Sources	Reclassification of Specific Purchases to fuel type categories				Unused Green Tags	Green Tags used to Convert NSP Energy	Final Energy Source	Final Energy
	Avail MWh	Gross Used MWh	Sold Green Tags	Net Used MWh				
Western								
- Western Small Hydro								
Nimbus	95	95	-	95	-	-	95	
O'Neill	3	3	-	3	-	-	3	
- Western Large Hydro								
J.F. Carr	293	293	-	293	-	-	293	
Folsom	922	922	-	922	-	-	922	
Keswick	598	598	-	598	-	-	598	
New Melones	565	565	-	565	-	-	565	
San Luis	216	216	-	216	-	-	216	
Shasta	3,050	3,050	-	3,050	-	-	3,050	
Spring Creek	411	411	-	411	-	-	411	
Trinity	559	559	-	559	-	-	559	
- Western NSP								
Total Western Supply	6,714	6,714	-	6,714	-	-	6,714	
Generation - Eligible Renewable								
Solar								
Sun Edison Solar (PO)	-	-	-	-	-	-	-	
Landfill								
Lincoln LFG	-	-	-	-	-	-	-	
Richmond LFG	-	-	-	-	-	-	-	
Half Moon Bay LFG	-	-	-	-	-	-	-	
Keller Canyon LFG	-	-	-	-	-	-	-	
Santa Cruz LFG	-	-	-	-	-	-	-	
Geothermal								
Geothermal Plant 1	13,821	13,821	-	13,821	-	-	13,821	
Geothermal Plant 2	17,333	17,333	-	17,333	-	-	17,333	
Small Hydro								
Graeagle	-	-	-	-	-	-	-	
Mendo (UK)	-	-	-	-	-	-	-	
Spicer 1	197	197	-	197	-	-	197	
Spicer 2	200	200	-	200	-	-	200	
Spicer 3	67	67	-	67	-	-	67	
High Winds	-	-	-	-	-	-	-	
Shiloh Wind	-	-	-	-	-	-	-	
Generation - Renewable								
Calaveras Large Hydro								
Collerville 1	6,809	6,809	-	6,809	-	-	6,809	
Collerville 2	7,139	7,139	-	7,139	-	-	7,139	
Sub Total - Generation - Renewable	45,566	45,566	-	45,566	-	-	45,566	
Generation - Non-Renewable								
Natural Gas/Oil Distillate								
Alam #1 Natural Gas	6	6	-	6	-	-	6	
Alam #2 Natural Gas	6	6	-	6	-	-	6	
Lodi CT #1 Natural Gas	7	7	-	7	-	-	7	
Roseville CT #1 Nat Gas	-	-	-	-	-	-	-	
Roseville CT #2 Nat Gas	-	-	-	-	-	-	-	
Lodi CT #2 Natural Gas (STIG)	29	29	-	29	-	-	29	
PA Cobug	-	-	-	-	-	-	-	
PS High Sierra	-	-	-	-	-	-	-	
Sub Total - Generation - Non-Renewable	49	49	-	49	-	-	49	
Total Generation (Non-Western)	45,615	45,615	-	45,615	-	-	45,615	
Total Specific Supply Sources	52,329	52,329	-	52,329	-	-	52,329	
SCL In - NSP	-	-	-	-	-	-	-	
Total NSP	90,379	88,793	-	88,793	-	-	88,793	
Unmet Demand / Pool Purch	-	-	-	-	-	-	-	
Total Projected Supplies (MWh)	142,708	141,122	-	141,122	-	-	141,122	
Surplus Energy	-	-	-	-	-	-	-	
Total NSP Energy Purchased	90,379	1,587	-	88,793	-	-	88,793	