

SDG&E DIVESTITURE

Table D.2 1999 Analytical Maximum

Initial Study, Analytical Max, with low priced secondary fuel oil

PLANT/UNIT	TYPE	PRIM FUEL	NET CAPACITY (MW)	ENERGY INPUT (billion Btu)				GENERATION (Net GWh)				CAP. FACTOR (percent)	EMISSIONS														
				Total		2nd Fuel		Total		2nd Fuel			NO _x			SO _x			PM10			CO			ROG		
													Tons	#/MWh	#/MMBtu	Tons	#/MWh	#/MMBtu	Tons	#/MWh	#/MMBtu	Tons	#/MWh	#/MMBtu	Tons	#/MWh	#/MMBtu
Encina	1	ST	NG	100	4785	434	425	39	48.5	299	1.41	0.125	80	0.38	0.034	33	0.15	0.014	185	0.87	0.077	20	0.09	0.008			
	2	ST	NG	103	4940	437	437	39	48.5	309	1.41	0.125	81	0.37	0.033	33	0.15	0.013	191	0.88	0.078	21	0.09	0.008			
	3	ST	NG	109	6623	700	596	63	62.5	472	1.58	0.142	129	0.43	0.039	48	0.16	0.015	254	0.85	0.077	28	0.09	0.008			
	4	ST	NG	299	14258	655	1330	61	50.8	529	0.80	0.074	125	0.19	0.017	75	0.11	0.011	568	0.85	0.080	60	0.09	0.008			
	5	ST	NG	329	22192	855	2145	83	74.4	864	0.81	0.078	165	0.15	0.015	112	0.10	0.010	889	0.83	0.080	93	0.09	0.008			
CT	CT	NG	15	7.2	0.0	0.4	0	0.3	0.74	3.62	0.206	0.01	0.05	0.003	0.03	0.16	0.009	0.50	2.42	0.138	0.19	0.93	0.053				
Plant Totals				955	52806	3081	4934	285.5	59.0	2473	1.00	0.094	580	0.23	0.022	301	0.12	0.011	2087	0.85	0.079	222	0.09	0.008			
South Bay	1	ST	NG	145	10814	1234	1071	123	84.3	180	0.34	0.033	227	0.42	0.042	82	0.15	0.015	412	0.77	0.076	45	0.08	0.008			
	2	ST	NG	149	9955	1789	1001	181	76.7	844	1.69	0.170	326	0.65	0.065	97	0.19	0.020	363	0.73	0.073	42	0.08	0.008			
	3	ST	NG	174	11607	898	1144	89	75.0	997	1.74	0.172	167	0.29	0.029	74	0.13	0.013	453	0.79	0.078	49	0.09	0.008			
	4	ST	NG	222	8695	1205	693	98	35.7	861	2.48	0.198	225	0.65	0.052	74	0.21	0.017	326	0.94	0.075	36	0.11	0.008			
CT	CT	JF	15	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.000	0.00	0.00	0.000	0.00	0.00	0.000	0.00	0.00	0.000	0.00	0.00	0.000				
Plant Totals				705	41071	5125	3909	491.2	63.3	2882	1.47	0.140	945	0.48	0.046	327	0.17	0.016	1554	0.80	0.076	172	0.09	0.008			
Steam Total			ST only	1630	93870	8205	8843	776.7	61.9	5354	1.21	0.114	1525	0.34	0.032	628	0.14	0.013	3641	0.82	0.078	394	0.09	0.008			
Other CTs																											
Division	CT	DF	14	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.000	0.00	0.00	0.000	0.00	0.00	0.000	0.00	0.00	0.000	0.00	0.00	0.000			
El Cajon	CT	NG	15	12.2	0.0	0.5	0.0	0.4	0.62	2.69	0.101	0.01	0.05	0.002	0.04	0.17	0.006	0.57	2.46	0.093	0.22	0.94	0.035				
Kearny	1	CT	NG	16	7.4	0.0	0.4	0.0	0.3	0.54	2.46	0.147	0.01	0.05	0.003	0.03	0.15	0.009	0.50	2.26	0.135	0.19	0.86	0.052			
Kearny 2	A	CT	NG	15	7.8	0.0	0.5	0.0	0.3	0.58	2.56	0.148	0.01	0.05	0.003	0.04	0.16	0.009	0.53	2.35	0.136	0.20	0.90	0.052			
	B	CT	NG	15	7.2	0.0	0.4	0.0	0.3	0.55	2.77	0.153	0.01	0.06	0.003	0.03	0.17	0.009	0.51	2.54	0.140	0.19	0.97	0.053			
	C	CT	NG	15	8.2	0.0	0.5	0.0	0.4	0.62	2.58	0.150	0.01	0.05	0.003	0.04	0.16	0.009	0.57	2.37	0.138	0.22	0.90	0.053			
	D	CT	NG	14	7.3	0.0	0.4	0.0	0.3	0.56	2.65	0.152	0.01	0.05	0.003	0.03	0.16	0.009	0.51	2.43	0.139	0.20	0.93	0.053			
Kearny 3	A	CT	NG	16	8.9	0.0	0.5	0.0	0.4	0.66	2.53	0.149	0.01	0.05	0.003	0.04	0.16	0.009	0.60	2.32	0.136	0.23	0.89	0.052			
	B	CT	NG	15	7.5	0.0	0.4	0.0	0.3	0.57	2.70	0.152	0.01	0.05	0.003	0.04	0.17	0.009	0.52	2.48	0.140	0.20	0.95	0.053			
	C	CT	NG	15	8.6	0.0	0.5	0.0	0.4	0.64	2.52	0.149	0.01	0.05	0.003	0.04	0.16	0.009	0.59	2.31	0.137	0.23	0.88	0.052			
	D	CT	NG	15	8.1	0.0	0.5	0.0	0.4	0.62	2.69	0.153	0.01	0.05	0.003	0.04	0.17	0.009	0.57	2.46	0.140	0.22	0.94	0.053			
Miramar 1	A	CT	NG	18	10.4	0.0	0.6	0.0	0.4	0.78	2.47	0.150	0.02	0.05	0.003	0.05	0.15	0.009	0.71	2.26	0.138	0.27	0.86	0.052			
	B	CT	NG	18	11.4	0.0	0.7	0.0	0.4	0.85	2.42	0.149	0.02	0.05	0.003	0.05	0.15	0.009	0.78	2.22	0.137	0.30	0.85	0.052			
Naval Station	CT	NG	22	12.6	0.0	0.9	0.0	0.4	0.92	2.14	0.146	0.02	0.04	0.003	0.06	0.13	0.009	0.85	1.97	0.134	0.32	0.75	0.051				
Naval Tr. Ctr	CT	NG	15	8.2	0.0	0.5	0.0	0.4	0.61	2.53	0.149	0.01	0.05	0.003	0.04	0.15	0.009	0.56	2.32	0.136	0.21	0.88	0.052				
North Island	1	CT	DF	18	0.8	0.0	0.1	0.0	0.0	0.13	4.20	0.307	0.15	5.13	0.376	0.02	0.60	0.044	0.06	1.87	0.137	0.02	0.60	0.044			
	2	CT	NG	18	6.1	0.0	0.4	0.0	0.2	0.39	2.17	0.129	0.01	0.04	0.002	0.02	0.13	0.008	0.36	1.99	0.118	0.14	0.76	0.045			
CT Totals			274	132.6	0.0	7.7	0.0	0.3	9.62	2.52	0.145	0.34	0.09	0.005	0.60	0.16	0.009	8.76	2.29	0.132	3.34	0.87	0.050				

UNIT TYPES: CT combustion turbine
 ST steam turbine
 CC combined cycle

FUELS: NG natural gas w/ residual oil backup
 DF distillate fuel oil
 JF Jet Fuel

NOTES: - Reflects latest 1998 AP42 updates
 Secondary fuel = Residual oil, 0.35% sulfur
 Startup emissions included

Plant/CT Totals shown for the columns labeled "Net Capacity," "Energy Input," "Generation," and "Tons" are simple arithmetic sums of the generating units. (Note that these column sums may not always total exactly because of slight rounding errors.) Plant/CT Totals shown for all other columns (i.e., columns labeled "Capacity Factor," "#/MWh," and "#/MMBtu") are values calculated for the plant as a whole, and are not arithmetic column totals.