

Table G-4

1999 Baseline & Potrero 3 at Analytical Maximum

PLANT/UNIT	TYPE	FUEL	NET CAPACITY (MW)	GENERATION (GWh)	CAPACITY FACTOR (percent)	EMISSIONS																
						NO _x			SO _x /H ₂ S			PM10			CO			ROG				
						Tons	#/MWh	#/MMBtu	Tons	#/MWh	#/MMBtu	Tons	#/MWh	#/MMBtu	Tons	#/MWh	#/MMBtu	Tons	#/MWh	#/MMBtu		
Hunters Point	1	CT	DF	52	4	0.9	7	3.34	0.168	4	1.99	0.100	1	0.69	0.035	4	2.23	0.112	1	0.69	0.035	
	2	ST	NG	107	53	5.6	82	3.11	0.159	1	0.02	0.001	4	0.16	0.008	46	1.72	0.088	5	0.17	0.009	
	3	ST	NG	107	35	3.7	59	3.35	0.159	0	0.02	0.001	3	0.17	0.008	33	1.86	0.088	3	0.19	0.009	
	4	ST	NG	163	648	45.4	122	0.38	0.036	3	0.01	0.001	25	0.08	0.008	282	0.87	0.084	28	0.09	0.008	
	Σ			429	740	19.7	269	0.73	0.063	8	0.02	0.002	34	0.09	0.008	364	0.98	0.085	37	0.10	0.009	
Potrero	3	ST	NG	207	1371	75.6	658	0.96	0.091	7	0.01	0.001	55	0.08	0.008	609	0.89	0.084	61	0.09	0.008	
	4	CT	DF	52	15	3.4	20	2.62	0.164	12	1.60	0.100	4	0.55	0.034	14	1.77	0.111	4	0.55	0.035	
	5	CT	DF	52	9	1.9	12	2.82	0.165	7	1.70	0.100	3	0.59	0.035	8	1.90	0.111	3	0.59	0.035	
	6	CT	DF	52	6	1.3	9	3.02	0.167	5	1.81	0.100	2	0.63	0.035	6	2.03	0.112	2	0.63	0.035	
	Σ			363	1401	44.1	699	1.00	0.093	32	0.05	0.004	64	0.09	0.008	637	0.91	0.085	70	0.10	0.009	
Contra Costa	6	ST	NG	340	963	32.3	534	1.11	0.109	5	0.01	0.001	37	0.08	0.008	402	0.83	0.082	41	0.09	0.008	
	7	ST	NG	340	1191	40.0	176	0.30	0.029	6	0.01	0.001	46	0.08	0.008	496	0.83	0.082	51	0.09	0.008	
	Σ			680	2154	36.2	710	0.66	0.065	11	0.01	0.001	83	0.08	0.008	898	0.83	0.082	92	0.09	0.008	
Pittsburg	1	ST	NG	163	321	22.5	276	1.72	0.138	2	0.01	0.001	15	0.10	0.008	169	1.05	0.084	17	0.11	0.008	
	2	ST	NG	163	330	23.1	331	2.00	0.151	2	0.01	0.001	17	0.10	0.008	185	1.12	0.085	18	0.11	0.008	
	3	ST	NG	163	468	32.8	405	1.73	0.141	3	0.01	0.001	22	0.09	0.008	243	1.04	0.084	24	0.10	0.008	
	4	ST	NG	163	396	27.8	355	1.79	0.141	3	0.01	0.001	19	0.10	0.008	214	1.08	0.085	21	0.11	0.008	
	5	ST	NG	325	1110	39.0	543	0.98	0.091	6	0.01	0.001	45	0.08	0.008	503	0.91	0.084	50	0.09	0.008	
	6	ST	NG	325	1138	40.0	576	1.01	0.091	6	0.01	0.001	48	0.08	0.008	533	0.94	0.084	53	0.09	0.008	
	7	ST	NG	682	1600	26.8	507	0.63	0.061	8	0.01	0.001	64	0.08	0.008	705	0.88	0.084	70	0.09	0.008	
	Σ			1984	5363	30.9	2993	1.12	0.099	30	0.01	0.001	231	0.09	0.008	2550	0.95	0.084	255	0.10	0.008	
Geysers	5	G	GS	39	231	67.7	0	0.00		58	0.50		1	0.01		0	0.00		1	0.01		
	6	G	GS	39	230	67.4	0	0.00		48	0.41		1	0.01		0	0.00		1	0.01		
	7	G	GS	38	236	70.8	0	0.00		63	0.53		1	0.01		0	0.00		1	0.01		
	8	G	GS	38	236	70.8	0	0.00		49	0.42		1	0.01		0	0.00		1	0.01		
	9	G	GS	32	151	53.9	1	0.01		26	0.35		0	0.01		0	0.00		1	0.01		
	10	G	GS	32	150	53.6	1	0.02		36	0.47		0	0.01		0	0.00		1	0.01		
	11	G	GS	56	221	45.0	0	0.00		63	0.57		1	0.01		0	0.00		1	0.01		
	12	G	GS	39	264	77.2	1	0.01		66	0.50		1	0.01		0	0.00		1	0.01		
	13	G	GS	73	604	94.4	0	0.00		28	0.09		2	0.01		0	0.00		2	0.01		
	14	G	GS	61	432	80.9	0	0.00		22	0.10		1	0.01		0	0.00		2	0.01		
	16	G	GS	73	601	94.0	0	0.00		5	0.02		2	0.01		0	0.00		2	0.01		
	17	G	GS	47	318	77.3	0	0.00		9	0.06		1	0.01		0	0.00		1	0.01		
	18	G	GS	58	419	82.5	0	0.00		29	0.14		1	0.01		0	0.00		2	0.01		
	20	G	GS	44	301	78.2	0	0.00		17	0.11		1	0.01		0	0.00		1	0.01		
	Σ			669	4395	75.0	4	0.00		518	0.24		13	0.01		1	0.00		18	0.01		
	Non-BAAQMD Calif. Load-Related				243201			215980	1.78		116472	0.96		N/A	N/A		N/A	N/A		24474	0.20	
	Total Calif. Load-Related				252859			220652	1.75		116554	0.92		N/A	N/A		N/A	N/A		24928	0.20	

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

FUELS: NG natural gas w/ residual oil backup
 DF distillate fuel oil
 GS geothermal steam

NOTES: - All units assumed to use their primary fuels exclusively
 - Geothermal units dispatched economically per existing steam supply contracts
 - Geothermal units emit H₂S but basically no SO_x
 - Analytical Maximum does not apply to CTs
 - Reflects 1998 AP42 updates