

Table G-3

1999 Baseline & Contra Costa and Pittsburg 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	3.33	0.169	4	1.98	0.100	1	0.68	0.035	5	2.22	0.112	1	0.69	0.035
	2	ST	NG	107	89	9.5	112	2.51	0.155	1	0.02	0.001	6	0.13	0.008	62	1.39	0.086	6	0.14	0.009
	3	ST	NG	107	53	5.6	71	2.70	0.157	0	0.02	0.001	4	0.14	0.008	40	1.50	0.087	4	0.15	0.009
	4	ST	NG	163	737	51.6	137	0.37	0.036	4	0.01	0.001	29	0.08	0.008	318	0.86	0.084	32	0.09	0.008
	Σ			429	883	23.5	328	0.74	0.066	9	0.02	0.002	39	0.09	0.008	424	0.96	0.085	43	0.10	0.009
Potrero	3	ST	NG	207	744	41.0	344	0.92	0.091	4	0.01	0.001	29	0.08	0.008	318	0.85	0.084	32	0.09	0.008
	4	CT	DF	52	16	3.4	21	2.63	0.164	13	1.60	0.100	4	0.55	0.034	14	1.78	0.111	4	0.55	0.035
	5	CT	DF	52	9	1.9	12	2.81	0.166	7	1.70	0.100	3	0.59	0.034	8	1.89	0.112	3	0.59	0.035
	6	CT	DF	52	6	1.3	9	3.02	0.167	6	1.81	0.100	2	0.63	0.035	6	2.03	0.112	2	0.63	0.035
	Σ			363	775	24.4	386	1.00	0.095	29	0.08	0.007	38	0.10	0.009	347	0.89	0.086	41	0.10	0.010
Contra Costa	6	ST	NG	340	2110	70.8	1118	1.06	0.109	10	0.01	0.001	78	0.07	0.008	840	0.80	0.082	86	0.08	0.008
	7	ST	NG	340	2618	87.9	370	0.28	0.029	13	0.01	0.001	97	0.07	0.008	1042	0.80	0.082	107	0.08	0.008
	Σ			680	4728	79.4	1488	0.63	0.065	23	0.01	0.001	175	0.07	0.008	1883	0.80	0.082	193	0.08	0.008
Pittsburg	1	ST	NG	163	617	43.2	483	1.57	0.141	3	0.01	0.001	26	0.08	0.008	288	0.94	0.084	29	0.09	0.008
	2	ST	NG	163	985	69.0	874	1.78	0.163	5	0.01	0.001	41	0.08	0.008	451	0.92	0.084	45	0.09	0.008
	3	ST	NG	163	1088	76.2	961	1.77	0.162	6	0.01	0.001	45	0.08	0.008	498	0.92	0.084	50	0.09	0.008
	4	ST	NG	163	940	65.8	841	1.79	0.162	5	0.01	0.001	40	0.08	0.008	438	0.93	0.084	44	0.09	0.008
	5	ST	NG	325	2277	80.0	1038	0.91	0.091	11	0.01	0.001	87	0.08	0.008	961	0.84	0.084	96	0.08	0.008
	6	ST	NG	325	2474	86.9	1147	0.93	0.091	13	0.01	0.001	96	0.08	0.008	1062	0.86	0.084	106	0.09	0.008
	7	ST	NG	682	3468	58.0	1061	0.61	0.061	18	0.01	0.001	133	0.08	0.008	1473	0.85	0.084	147	0.08	0.008
	Σ			1984	11848	68.2	6406	1.08	0.104	62	0.01	0.001	468	0.08	0.008	5171	0.87	0.084	517	0.09	0.008
Geysers	5	G	GS	39	200	58.5	0	0.00		50	0.50		1	0.01		0	0.00		1	0.01	
	6	G	GS	39	199	58.4	0	0.00		41	0.41		1	0.01		0	0.00		1	0.01	
	7	G	GS	38	216	65.0	0	0.00		58	0.53		1	0.01		0	0.00		1	0.01	
	8	G	GS	38	216	64.9	0	0.00		45	0.42		1	0.01		0	0.00		1	0.01	
	9	G	GS	32	138	49.4	1	0.02		24	0.35		0	0.01		0	0.01		1	0.01	
	10	G	GS	32	137	49.0	2	0.02		33	0.48		0	0.01		0	0.01		1	0.01	
	11	G	GS	56	184	37.6	0	0.00		53	0.57		1	0.01		0	0.00		1	0.01	
	12	G	GS	39	230	67.5	2	0.01		58	0.51		1	0.01		0	0.00		1	0.01	
	13	G	GS	73	603	94.3	0	0.00		28	0.09		2	0.01		0	0.00		2	0.01	
	14	G	GS	61	391	73.2	1	0.00		20	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	292	71.0	0	0.00		8	0.06		1	0.01		0	0.00		1	0.01	
	18	G	GS	58	380	74.9	1	0.00		26	0.14		1	0.01		0	0.00		2	0.01	
	20	G	GS	44	268	69.7	1	0.01		15	0.11		1	0.01		0	0.00		1	0.01	
	Σ			669	4059	69.3	7	0.00		464	0.23		12	0.01		2	0.00		17	0.01	
Non-BAAQMD Calif. Load-Related				234625			207805	1.77		109942	0.94		N/A	N/A		N/A	N/A		24209	0.21	
Total Calif. Load-Related				252859			216412	1.71		110065	0.87		N/A	N/A		N/A	N/A		25003	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