

Table G-5

1999 Baseline & All Divestiture Steam Units at Analytical Maximum

PLANT/UNIT	TYPE	FUEL	NET CAPACITY (MW)	ENERGY OUTPUT (billion Btu)	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	77	4	0.9	6	3.29	0.167	4	1.97	0.100	1	0.68	0.035	4	2.20	0.112	1	0.69	0.035	
	2	ST	NG	107	5324	422	45.0	403	1.91	0.151	3	0.01	0.001	20	0.10	0.008	224	1.06	0.084	22	0.11	0.008	
	3	ST	NG	107	4960	391	41.7	375	1.92	0.151	2	0.01	0.001	19	0.10	0.008	208	1.06	0.084	21	0.11	0.008	
	4	ST	NG	163	12306	1219	85.4	223	0.37	0.036	6	0.01	0.001	47	0.08	0.008	517	0.85	0.084	52	0.08	0.008	
	Σ			429	22666	2036	54.2	1008	0.99	0.089	15	0.01	0.001	87	0.09	0.008	953	0.94	0.084	96	0.09	0.008	
Potrero	3	ST	NG	207	12548	1224	67.5	569	0.93	0.091	6	0.01	0.001	48	0.08	0.008	527	0.86	0.084	53	0.09	0.008	
	4	CT	DF	52	242	15	3.4	20	2.60	0.164	12	1.59	0.100	4	0.55	0.034	13	1.76	0.111	4	0.55	0.035	
	5	CT	DF	52	146	9	1.9	12	2.79	0.165	7	1.69	0.100	3	0.58	0.034	8	1.88	0.111	3	0.59	0.035	
	6	CT	DF	52	110	6	1.3	9	2.98	0.166	6	1.80	0.100	2	0.62	0.034	6	2.01	0.112	2	0.62	0.035	
	Σ			363	13045	1254	39.4	610	0.97	0.094	31	0.05	0.005	56	0.09	0.009	555	0.88	0.085	61	0.10	0.009	
Contra Costa	6	ST	NG	340	20461	2104	70.6	1114	1.06	0.109	10	0.01	0.001	78	0.07	0.008	837	0.80	0.082	86	0.08	0.008	
	7	ST	NG	340	25584	2631	88.3	371	0.28	0.029	13	0.01	0.001	97	0.07	0.008	1047	0.80	0.082	107	0.08	0.008	
		Σ		680	46046	4734	79.5	1486	0.63	0.065	23	0.01	0.001	175	0.07	0.008	1884	0.80	0.082	193	0.08	0.008	
Pittsburg	1	ST	NG	163	6845	615	43.1	481	1.56	0.141	3	0.01	0.001	26	0.08	0.008	288	0.93	0.084	29	0.09	0.008	
	2	ST	NG	163	10622	974	68.2	864	1.77	0.163	5	0.01	0.001	40	0.08	0.008	446	0.92	0.084	45	0.09	0.008	
	3	ST	NG	163	11768	1080	75.6	954	1.77	0.162	6	0.01	0.001	45	0.08	0.008	494	0.92	0.084	49	0.09	0.008	
	4	ST	NG	163	10488	947	66.3	845	1.79	0.161	5	0.01	0.001	40	0.08	0.008	441	0.93	0.084	44	0.09	0.008	
	5	ST	NG	325	23068	2297	80.7	1047	0.91	0.091	12	0.01	0.001	88	0.08	0.008	969	0.84	0.084	97	0.08	0.008	
	6	ST	NG	325	25504	2497	87.7	1157	0.93	0.091	13	0.01	0.001	97	0.08	0.008	1071	0.86	0.084	107	0.09	0.008	
	7	ST	NG	682	34557	3424	57.3	1045	0.61	0.060	17	0.01	0.001	131	0.08	0.008	1451	0.85	0.084	145	0.08	0.008	
	Σ			1984	122853	11834	68.1	6393	1.08	0.104	61	0.01	0.001	467	0.08	0.008	5161	0.87	0.084	516	0.09	0.008	
BAAQMD Bubble	ST only			3248	204036	19825	69.7	9449	0.95	0.093	102	0.01	0.001	775	0.08	0.008	8521	0.86	0.084	857	0.09	0.008	
Geysers	5	G	GS	39	1973	197	57.7	0	0.00		50	0.50		1	0.01		0	0.00		1	0.01		
	6	G	GS	39	1981	198	58.0	0	0.00		41	0.41		1	0.01		0	0.00		1	0.01		
	7	G	GS	38	2163	216	65.0	0	0.00		58	0.53		1	0.01		0	0.00		1	0.01		
	8	G	GS	38	2145	214	64.4	0	0.00		45	0.42		1	0.01		0	0.00		1	0.01		
	9	G	GS	32	1350	133	47.4	2	0.02		23	0.35		0	0.01		0	0.01		1	0.01		
	10	G	GS	32	1343	132	47.1	2	0.03		31	0.48		0	0.01		0	0.01		1	0.01		
	11	G	GS	56	1786	179	36.4	0	0.00		51	0.57		1	0.01		0	0.00		1	0.01		
	12	G	GS	39	2238	222	64.9	2	0.01		56	0.51		1	0.01		0	0.00		1	0.01		
	13	G	GS	73	6024	602	94.2	0	0.00		28	0.09		2	0.01		0	0.00		2	0.01		
	14	G	GS	61	3771	376	70.4	1	0.00		19	0.10		1	0.01		0	0.00		2	0.01		
	16	G	GS	73	5992	599	93.7	0	0.00		4	0.02		2	0.01		0	0.00		2	0.01		
	17	G	GS	47	2876	288	69.8	0	0.00		8	0.06		1	0.01		0	0.00		1	0.01		
	18	G	GS	58	3702	369	72.7	1	0.00		25	0.14		1	0.01		0	0.00		2	0.01		
	20	G	GS	44	2605	259	67.3	1	0.01		14	0.11		1	0.01		0	0.00		1	0.01		
		Σ			669	39949	3985	68.0	7	0.00		454	0.23		12	0.01		2	0.00		16	0.01	
	Non-BAAQMD Calif. Load-Related					233000			207059	1.78		109337	0.94		N/A	N/A		N/A	N/A		24133	0.21	
	Total Calif. Load-Related					252859			216556	1.71		109468	0.87		N/A	N/A		N/A	N/A		25000	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