Table G-11

2005 - Hunters Point Shut Down; NOx Emission at 1998 Rates

PLANT/UNIT		TYPE	FUEL	NET CAPACITY (MW)	GENERATION (GWh)	CAPACITY FACTOR (percent)	EMISSIONS														
							NO_X			SO_X/H_2S			PM10			CO			ROG		
							Tons	#/MWh	#/MMBtu	Tons	#/MWh	#/MMBtu	Tons	#/MWh	#/MMBtu	Tons	#/MWh	#/MMBtu	Tons	#/MWh	#/MMBtu
Hunters Point																					
plant retired																					
Potrero	3	ST	NG	207	582	32.1	408	1.40	0.139	3	0.01	0.001	22	0.08	0.007	241	0.83	0.082	25	0.08	0.008
	4	CT	DF	52	42	9.3	45	2.13	0.164	27	1.30	0.100	3	0.15	0.012	4	0.18	0.014	10	0.45	0.035
	5	CT	DF	52	36	7.8	38	2.14	0.165	23	1.30	0.100	3	0.15	0.012	3	0.18	0.014	8	0.44	0.034
	6	CT	DF	52	33	7.4	36	2.14	0.165	22	1.30	0.100	2	0.15	0.011	3	0.18	0.014	7	0.44	0.034
	Σ			363	693	21.8	527	1.52	0.144	75	0.22	0.021	30	0.09	0.008	251	0.72	0.069	49	0.14	0.014
Contra Costa	6	ST	NG	340	1282	43.1	696	1.09	0.109	6	0.01	0.001	48	0.07	0.008	524	0.82	0.082	54	0.08	0.008
	7	ST	NG	340	1378	46.3	198	0.29	0.029	7	0.01	0.001	51	0.07	0.008	560	0.81	0.082	57	0.08	0.008
	Σ			680	2661	44.7	894	0.67	0.068	13	0.01	0.001	99	0.07	0.008	1084	0.81	0.082	111	0.08	0.008
Pittsburg	1	ST	NG	163	281	19.7	370	2.64	0.212	2	0.01	0.001	13	0.09	0.008	143	1.02	0.082	15	0.10	0.008
	2	ST	NG	163	454	31.8	591	2.60	0.213	3	0.01	0.001	21	0.09	0.008	228	1.00	0.082	23	0.10	0.008
#3 retired																					
#4 retired																					
	5	ST	NG	325	1162	40.8	546	0.94	0.091	6	0.01	0.001	45	0.08	0.007	493	0.85	0.082	51	0.09	0.008
	6	ST	NG	325	1278	44.9	623	0.98	0.091	7	0.01	0.001	52	0.08	0.007	563	0.88	0.082	58	0.09	0.008
	7	ST	NG	682	2947	49.3	904	0.61	0.061	15	0.01	0.001	112	0.08	0.008	1225	0.83	0.082	126	0.09	0.008
	Σ			1658	6121	42.1	3034	0.99	0.094	32	0.01	0.001	243	0.08	0.008	2653	0.87	0.082	272	0.09	0.008
New 480 MW		CC	NG	480	3795	90.3	183	0.10	0.014	12	0.01	0.001	101	0.05	0.008	149	0.08	0.011	80	0.04	0.006
Geysers	5	G	GS	39	296	86.8	0	0.00		75	0.50		1	0.01		0	0.00		1	0.01	
	6	G	GS	39	295	86.3	0	0.00		61	0.41		1	0.01		0	0.00		1	0.01	
	7	G	GS	37	287	88.5	0	0.00		76	0.53		1	0.01		0	0.00		1	0.01	
	8	G	GS	37	287	88.6	0	0.00		60	0.42		1	0.01		0	0.00		1	0.01	
	9	G	GS	32	220	78.5	1	0.01		38	0.34		1	0.01		0	0.00		1	0.01	
	10	G	GS	32	219	78.0	1	0.01		52	0.47		1	0.01		0	0.00		1	0.01	
	11	G	GS	56	466	95.0	0	0.00		134	0.57		1	0.01		0	0.00		2	0.01	
	12	G	GS	39	303	88.7	1	0.00		76	0.50		1	0.01		0	0.00		1	0.01	
	13	G	GS	69	574	95.0	0	0.00		27	0.09		2	0.01		0	0.00		2	0.01	
	14	G	GS	61	485	90.7	0	0.00		25	0.10		1	0.01		0	0.00		2	0.01	
	16	G	GS	69	571	94.5	0	0.00		4	0.02		2	0.01		0	0.00		2	0.01	
	17	G	GS	47	374	90.9	0	0.00		10	0.06		1	0.01		0	0.00		1	0.01	
	18	G	GS	62	494	90.9	0	0.00		34	0.14		1	0.01		0	0.00		2	0.01	
	20	G	GS	46	362	89.8	0	0.00		20	0.11		1	0.01		0	0.00		1	0.01	
	Σ			665	5233	89.8	5	0.00		691	0.26		16	0.01		1	0.00		21	0.01	
Non-BAAQMD California Load-Related					269184		196834	1.46		101512	0.75		12207	0.09		48717	0.36		25245	0.19	
Total Calif. Load-Related					282454		201472	1.43		101645	0.72		12680	0.09		52853	0.37		25757	0.18	

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 H_2S but basically no SO_X
- Reflects latest 1998 AP42 updates
- 115/230 kV transmission into SF assumed to be increased to about 550 MW