Table G-2

2005 - No Project, Hunters Point Shut Down; Increased Transmission to Serve SF Load, Reduce BARR

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	622	34.3	38	0.12	0.012	3	0.01	0.001	23	0.08	0.008	257	0.83	0.082	26	0.08	0.008
	4	CT	DF	52	43	9.5	46	2.12	0.164	28	1.29	0.100	3	0.15	0.012	4	0.18	0.014	10	0.45	0.035
	5	CT	DF	52	37	8.1	39	2.13	0.164	24	1.29	0.100	3	0.15	0.011	3	0.18	0.014	8	0.44	0.034
	6	CT	DF	52	34	7.5	37	2.13	0.165	22	1.30	0.100	3	0.15	0.011	3	0.18	0.014	8	0.44	0.034
	Σ			363	736	23.1	159	0.43	0.041	77	0.21	0.020	32	0.09	0.008	267	0.73	0.069	52	0.14	0.013
Contra Costa	6	ST	NG	340	1348	45.3	81	0.12	0.012	7	0.01	0.001	50	0.07	0.008	549	0.81	0.082	56	0.08	0.008
	7	ST	NG	340	1379	46.3	83	0.12	0.012	7	0.01	0.001	51	0.07	0.008	560	0.81	0.082	57	0.08	0.008
	Σ			680	2728	45.8	164	0.12	0.012	14	0.01	0.001	101	0.07	0.008	1109	0.81	0.082	114	0.08	0.008
Pittsburg	1	ST	NG	163	299	21.0	280	1.87	0.152	2	0.01	0.001	14	0.09	0.008	151	1.01	0.082	15	0.10	0.008
	2	ST	NG	163	520	36.4	40	0.15	0.013	3	0.01	0.001	23	0.09	0.007	253	0.97	0.082	26	0.10	0.008
#3 retired																					
#4 retired																					
	5	ST	NG	325	1200	42.2	75	0.12	0.012	6	0.01	0.001	46	0.08	0.007	508	0.85	0.082	52	0.09	0.008
	6	ST	NG	325	1344	47.2	87	0.13	0.012	7	0.01	0.001	54	0.08	0.007	589	0.88	0.082	60	0.09	0.008
	7	ST	NG	682	2938	49.2	180	0.12	0.012	15	0.01	0.001	112	0.08	0.007	1221	0.83	0.082	125	0.09	0.008
	Σ			1658	6302	43.4	661	0.21	0.020	33	0.01	0.001	249	0.08	0.007	2721	0.86	0.082	279	0.09	0.008
New 480 MW		CC	NG	480	3806	90.5	184	0.10	0.014	12	0.01	0.001	101	0.05	0.008	150	0.08	0.011	80	0.04	0.006
Geysers	5	G	GS	39	297	86.8	0	0.00		75	0.50		1	0.01		0	0.00		1	0.01	
	6	G	GS	39	294	86.0	0	0.00		61	0.41		1	0.01		0	0.00		1	0.01	
	7	G	GS	37	288	88.9	0	0.00		77	0.53		1	0.01		0	0.00		1	0.01	
	8	G	GS	37	290	89.4	0	0.00		61	0.42		1	0.01		0	0.00		1	0.01	
	9	G	GS	32	224	80.0	1	0.01		39	0.34		1	0.01		0	0.00		1	0.01	
	10	G	GS	32	223	79.5	1	0.01		52	0.47		1	0.01		0	0.00		1	0.01	
	11	G	GS	56	463	94.4	0	0.00		133	0.57		1	0.01		0	0.00		2	0.01	
	12	G	GS	39	304	89.1	1	0.00		77	0.50		1	0.01		0	0.00		1	0.01	
	13	G	GS	69	576	95.3	0	0.00		27	0.09		2	0.01		0	0.00		2	0.01	
	14	G	GS	61	480	89.8	0	0.00		24	0.10		1	0.01		0	0.00		2	0.01	
	16	G	GS	69	571	94.4	0	0.00		4	0.02		2	0.01		0	0.00		2	0.01	
	17	G	GS	47	378	91.7	0	0.00		11	0.06		1	0.01		0	0.00		2	0.01	
	18	G	GS	62	494	91.0	0	0.00		34	0.14		1	0.01		0	0.00		2	0.01	
	20	G	GS	46	360	89.4	0	0.00		20	0.11		1	0.01		0	0.00		1	0.01	
	Σ			665	5241	90.0	5	0.00		693	0.26		16	0.01		1	0.00		21	0.01	
Non-BAAQMD California Load-Related					268880		200232	1.49		102084	0.76		12208	0.09		48410	0.36		25140	0.19	
Total Calif. Load-Related					282452		201400	1.43		102220	0.72		12692	0.09		52657	0.37		25664	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