Table G-18

1999 - SF Stand-Alone Case - SF Peninsula Only

PLANT/UNIT		TYPE	FUEL	NET CAPACITY (MW)	ENERGY OUTPUT (billion Btu)	GENERATION (GWh)	CAPACITY FACTOR (percent)	EMISSIONS												
								NO_X			SO_X			PM10			CO			ROG		
								Tons	#/MWh	#/MMBtu	Tons	#/MWh	#/MMBtu	Tons	#/MWh	#/MMBtu	Tons	#/MWh	#/MMBtu	Tons	#/MWh	#/MMBtu
Hunters Point	1	CT	DF	52	23	2	0.3	2	2.44	0.163	1	1.50	0.100	0	0.52	0.034	1	1.66	0.111	0	0.52	0.034
	2	ST	NG	107	1049	73	7.8	88	2.40	0.167	1	0.02	0.001	4	0.12	0.008	49	1.33	0.093	5	0.13	0.009
	3	ST	NG	107	455	32	3.5	37	2.32	0.165	0	0.02	0.001	2	0.12	0.008	21	1.29	0.091	2	0.13	0.009
	4	ST	NG	163	6347	618	43.2	115	0.37	0.036	3	0.01	0.001	24	0.08	0.008	269	0.87	0.085	27	0.09	0.008
	Σ			429	7875	725	19.3	242	0.67	0.062	5	0.01	0.001	31	0.09	0.008	339	0.94	0.086	34	0.09	0.009
Potrero	3	ST	NG	207	8240	807	44.5	374	0.93	0.091	4	0.01	0.001	31	0.08	0.008	346	0.86	0.084	35	0.09	0.008
	4	CT	DF	52	173	12	2.7	14	2.33	0.163	9	1.43	0.100	3	0.49	0.034	10	1.59	0.111	3	0.49	0.034
	5	CT	DF	52	82	6	1.2	7	2.41	0.163	4	1.48	0.100	1	0.51	0.034	5	1.64	0.111	1	0.51	0.034
	6	CT	DF	52	49	3	0.7	4	2.39	0.163	2	1.47	0.100	1	0.51	0.034	3	1.63	0.111	1	0.51	0.034
	Σ			363	8545	828	26.0	399	0.96	0.093	19	0.05	0.005	37	0.09	0.009	363	0.88	0.085	40	0.10	0.009
SF Peninsula		ST only		584	16092	1530	29.9	614	0.80	0.076	8	0.01	0.001	62	0.08	0.008	684	0.89	0.085	68	0.09	0.009

1999 - SF Stand-Alone Case - 1999 Basecase

PLANT/UNIT		TYPE	FUEL	NET CAPACITY (MW)	ENERGY OUTPUT (billion Btu)	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	1	CT	DF	52	80	4	0.9	7	3.31	0.167	4	1.98	0.100	1	0.68	0.035	4	2.22	0.112	1	0.69	0.035
	2	ST	NG	107	1440	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	953	55	5.9	74	2.69	0.156	0	0.02	0.001	4	0.14	0.008	41	1.49	0.087	4	0.15	0.009
	4	ST	NG	163	7759	756	53.0	141	0.37	0.036	4	0.01	0.001	30	0.08	0.008	326	0.86	0.084	33	0.09	0.008
	Σ			429	10233	905	24.1	334	0.74	0.065	9	0.02	0.002	40	0.09	0.008	434	0.96	0.085	44	0.10	0.009
Potrero	3	ST	NG	207	7642	752	41.4	347	0.92	0.091	4	0.01	0.001	29	0.08	0.008	321	0.85	0.084	32	0.09	0.008
	4	CT	DF	52	245	15	3.4	20	2.61	0.164	12	1.59	0.100	4	0.55	0.034	14	1.77	0.111	4	0.55	0.035
	5	CT	DF	52	149	9	1.9	12	2.81	0.165	7	1.70	0.100	3	0.59	0.034	8	1.90	0.111	3	0.59	0.035
	6	CT	DF	52	114	6	1.4	9	3.01	0.166	6	1.81	0.100	2	0.62	0.035	6	2.02	0.112	2	0.63	0.035
	Σ			363	8149	782	24.6	389	0.99	0.095	29	0.07	0.007	38	0.10	0.009	349	0.89	0.086	41	0.10	0.010
SF Peninsula		ST only		584	17795	1652	32.3	674	0.82	0.076	9	0.01	0.001	68	0.08	0.008	750	0.91	0.084	75	0.09	0.008

1999 - SF Stand-Alone Case - Exceedance of Full-System Modeling over SF Peninsula-Only Modeling

PLANT/UNIT		TYPE	FUEL	NET CAPACITY (MW)	ENERGY OUTPUT (billion Btu)	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	1	CT	DF	same	57	3	0.6	5	0.87	0.005	3	0.48	0.000	1	0.17	0.000	3	0.56	0.001	1	0.17	0.000
	2	ST	NG	same	391	16	1.7	24	0.11	-0.012	0	0.00	0.000	1	0.01	-0.001	13	0.06	-0.007	1	0.01	-0.001
	3	ST	NG	same	498	23	2.5	37	0.37	-0.009	0	0.00	0.000	2	0.02	0.000	20	0.21	-0.005	2	0.02	0.000
	4	ST	NG	same	1412	139	9.7	26	0.00	0.000	1	0.00	0.000	5	0.00	0.000	57	-0.01	-0.001	6	0.00	0.000
	Σ			same	2359	180	4.8	91	0.07	0.004	4	0.01	0.000	9	0.00	0.000	95	0.02	-0.001	10	0.00	0.000
Potrero	3	ST	NG	same	-598	-55	-3.1	-27	0.00	0.000	0	0.00	0.000	-2	0.00	0.000	-25	0.00	0.000	-3	0.00	0.000
	4	CT	DF	same	71	3	0.7	6	0.28	0.002	4	0.16	0.000	1	0.05	0.000	4	0.18	0.000	1	0.06	0.000
	5	CT	DF	same	67	3	0.7	6	0.40	0.002	3	0.22	0.000	1	0.08	0.000	4	0.26	0.001	1	0.08	0.000
	6	CT	DF	same	65	3	0.6	5	0.62	0.003	3	0.34	0.000	1	0.12	0.000	4	0.40	0.001	1	0.12	0.000
	Σ			same	-395	-46	-1.4	-10	0.03	0.002	10	0.03	0.003	1	0.01	0.001	-14	0.02	0.001	1	0.01	0.001
SF Peninsula		ST only		same	1703	122	2.4	59	0.01	-0.001	1	0.00	0.000	6	0.00	0.000	66	0.01	-0.001	7	0.00	0.000

UNIT TYPES: CT combustion turbine; ST steam turbine

FUELS: NG natural gas; DF distillate fuel oil

NOTES:
- All units assumed to use their primary fuels exclusively
- SF Peninsula Only: modeled as existing by itself, save for single incoming transmission corridor
- Reflects 1998 AP42 updates