

**Table G-7**

**1999 Baseline & UNT Geysers at Analytical Maximum Geothermal Steam Usage**

PLANT/UNIT	TYPE	FUEL	NET CAPACITY (MW)	GENERATION (GWh)	CAPACITY FACTOR (percent)	EMISSIONS															
						NO <sub>x</sub>			SO <sub>x</sub> /H <sub>2</sub> 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	3.31	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	89	9.5	112	2.52	0.156	1	0.02	0.001	6	0.13	0.008	73	1.65	0.102	6	0.14	0.009
	3	ST	NG	107	56	5.9	75	2.70	0.156	0	0.02	0.001	4	0.14	0.008	49	1.76	0.102	4	0.15	0.009
	4	ST	NG	163	754	52.8	140	0.37	0.036	4	0.01	0.001	29	0.08	0.008	382	1.01	0.099	33	0.09	0.008
	Σ			429	903	24.0	335	0.74	0.065	9	0.02	0.002	40	0.09	0.008	509	1.13	0.100	44	0.10	0.009
Potrero	3	ST	NG	207	752	41.4	347	0.92	0.091	4	0.01	0.001	29	0.08	0.008	378	1.00	0.099	32	0.09	0.008
	4	CT	DF	52	16	3.4	20	2.62	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	9	2.0	13	2.81	0.165	8	1.70	0.100	3	0.59	0.034	8	1.90	0.111	3	0.59	0.035
	6	CT	DF	52	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	782	24.6	389	0.99	0.095	29	0.08	0.007	38	0.10	0.009	406	1.04	0.100	41	0.10	0.010
Contra Costa	6	ST	NG	340	963	32.3	534	1.11	0.109	5	0.01	0.001	37	0.08	0.008	472	0.98	0.096	41	0.09	0.008
	7	ST	NG	340	1190	40.0	176	0.30	0.029	6	0.01	0.001	46	0.08	0.008	584	0.98	0.096	51	0.09	0.008
	Σ			680	2153	36.2	710	0.66	0.065	11	0.01	0.001	83	0.08	0.008	1056	0.98	0.096	92	0.09	0.008
Pittsburg	1	ST	NG	163	322	22.6	277	1.72	0.138	2	0.01	0.001	15	0.10	0.008	199	1.24	0.099	17	0.11	0.008
	2	ST	NG	163	331	23.2	332	2.01	0.152	2	0.01	0.001	17	0.10	0.008	218	1.32	0.100	19	0.11	0.008
	3	ST	NG	163	469	32.8	407	1.74	0.141	3	0.01	0.001	22	0.09	0.008	286	1.22	0.099	24	0.10	0.008
	4	ST	NG	163	400	28.0	358	1.79	0.141	3	0.01	0.001	20	0.10	0.008	254	1.27	0.100	22	0.11	0.008
	5	ST	NG	325	1107	38.9	542	0.98	0.091	6	0.01	0.001	45	0.08	0.008	590	1.07	0.099	50	0.09	0.008
	6	ST	NG	325	1135	39.9	575	1.01	0.091	6	0.01	0.001	48	0.08	0.008	626	1.10	0.099	53	0.09	0.008
	7	ST	NG	682	1595	26.7	506	0.63	0.061	8	0.01	0.001	64	0.08	0.008	826	1.04	0.099	70	0.09	0.008
	Σ			1984	5359	30.8	2997	1.12	0.099	30	0.01	0.001	231	0.09	0.008	2999	1.12	0.099	255	0.10	0.008
Geysers	5	G	GS	39	319	93.5	0	0.00		80	0.50		1	0.01		0	0.00		1	0.01	
	6	G	GS	39	319	93.5	0	0.00		66	0.41		1	0.01		0	0.00		1	0.01	
	7	G	GS	38	304	91.3	0	0.00		81	0.53		1	0.01		0	0.00		1	0.01	
	8	G	GS	38	304	91.3	0	0.00		64	0.42		1	0.01		0	0.00		1	0.01	
	9	G	GS	32	246	87.7	1	0.01		42	0.34		1	0.01		0	0.00		1	0.01	
	10	G	GS	32	243	86.8	1	0.01		57	0.47		1	0.01		0	0.00		1	0.01	
	11	G	GS	56	455	92.7	0	0.00		130	0.57		1	0.01		0	0.00		2	0.01	
	12	G	GS	39	308	90.2	1	0.01		78	0.50		1	0.01		0	0.00		1	0.01	
	13	G	GS	73	604	94.4	0	0.00		28	0.09		2	0.01		0	0.00		2	0.01	
	14	G	GS	61	490	91.7	0	0.00		25	0.10		1	0.01		0	0.00		2	0.01	
	16	G	GS	73	600	93.9	0	0.00		5	0.02		2	0.01		0	0.00		2	0.01	
	17	G	GS	47	387	93.9	0	0.00		11	0.06		1	0.01		0	0.00		2	0.01	
	18	G	GS	58	468	92.1	0	0.00		32	0.14		1	0.01		0	0.00		2	0.01	
	20	G	GS	44	352	91.2	0	0.00		20	0.11		1	0.01		0	0.00		1	0.01	
	Σ			669	5400	92.1	4	0.00		718	0.27		16	0.01		1	0.00		22	0.01	
	Non-BAAQMD Calif. Load-Related				243661		215259	1.77		116386	0.96		N/A	N/A		N/A	N/A		24462	0.20	
	Total Calif. Load-Related				252859		219690	1.74		116466	0.92		N/A	N/A		N/A	N/A		24894	0.20	

UNIT TYPES: CT combustion turbine      FUELS: NG natural gas w/ residual oil backup  
 ST steam turbine                              DF distillate fuel oil  
 G geothermal steam                            GS geothermal steam  
 CC combined cycle

NOTES: - All units assumed to use their primary fuels exclusively  
 - UNT = Geysers steam suppliers Union, NEC and Thermal  
 - Geothermal units emit H<sub>2</sub>S but basically no SO<sub>x</sub>  
 - Analytical Maximum does not apply to CTs  
 - Reflects 1998 AP42 updates