

Table G-1
1999 Baseline

| PLANT/UNIT | TYPE | FUEL | NET CAPACITY (MW) | 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 | 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 | 2.51 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 0.07 | 0.007 | 38 | 0.10 | 0.009 | 349 | 0.89 | 0.086 | 41 | 0.10 | 0.010 |
| Contra Costa | 6 | ST | NG | 340 | 961 | 32.3 | 533 | 1.11 | 0.109 | 5 | 0.01 | 0.001 | 37 | 0.08 | 0.008 | 400 | 0.83 | 0.082 | 41 | 0.09 | 0.008 |
| | 7 | ST | NG | 340 | 1204 | 40.4 | 178 | 0.30 | 0.029 | 6 | 0.01 | 0.001 | 47 | 0.08 | 0.008 | 501 | 0.83 | 0.082 | 51 | 0.09 | 0.008 |
| | Σ | | | 680 | 2166 | 36.4 | 711 | 0.66 | 0.064 | 11 | 0.01 | 0.001 | 84 | 0.08 | 0.008 | 902 | 0.83 | 0.082 | 93 | 0.09 | 0.008 |
| Pittsburg | 1 | ST | NG | 163 | 322 | 22.5 | 276 | 1.71 | 0.138 | 2 | 0.01 | 0.001 | 15 | 0.09 | 0.008 | 168 | 1.05 | 0.084 | 17 | 0.10 | 0.008 |
| | 2 | ST | NG | 163 | 332 | 23.2 | 330 | 1.99 | 0.152 | 2 | 0.01 | 0.001 | 17 | 0.10 | 0.008 | 184 | 1.11 | 0.084 | 18 | 0.11 | 0.008 |
| | 3 | ST | NG | 163 | 464 | 32.5 | 404 | 1.74 | 0.142 | 3 | 0.01 | 0.001 | 22 | 0.09 | 0.008 | 240 | 1.04 | 0.084 | 24 | 0.10 | 0.008 |
| | 4 | ST | NG | 163 | 399 | 28.0 | 355 | 1.78 | 0.141 | 3 | 0.01 | 0.001 | 19 | 0.10 | 0.008 | 214 | 1.07 | 0.085 | 21 | 0.11 | 0.008 |
| | 5 | ST | NG | 325 | 1116 | 39.2 | 546 | 0.98 | 0.091 | 6 | 0.01 | 0.001 | 46 | 0.08 | 0.008 | 505 | 0.91 | 0.084 | 51 | 0.09 | 0.008 |
| | 6 | ST | NG | 325 | 1150 | 40.4 | 582 | 1.01 | 0.091 | 6 | 0.01 | 0.001 | 49 | 0.08 | 0.008 | 538 | 0.94 | 0.084 | 54 | 0.09 | 0.008 |
| | 7 | ST | NG | 682 | 1601 | 26.8 | 507 | 0.63 | 0.060 | 8 | 0.01 | 0.001 | 64 | 0.08 | 0.008 | 704 | 0.88 | 0.084 | 70 | 0.09 | 0.008 |
| | Σ | | | 1984 | 5384 | 31.0 | 3000 | 1.11 | 0.099 | 30 | 0.01 | 0.001 | 231 | 0.09 | 0.008 | 2554 | 0.95 | 0.084 | 255 | 0.09 | 0.008 |
| Geysers | 5 | G | GS | 39 | 232 | 68.0 | 0 | 0.00 | | 58 | 0.50 | | 1 | 0.01 | | 0 | 0.00 | | 1 | 0.01 | |
| | 6 | G | GS | 39 | 233 | 68.3 | 0 | 0.00 | | 48 | 0.41 | | 1 | 0.01 | | 0 | 0.00 | | 1 | 0.01 | |
| | 7 | G | GS | 38 | 240 | 72.1 | 0 | 0.00 | | 64 | 0.53 | | 1 | 0.01 | | 0 | 0.00 | | 1 | 0.01 | |
| | 8 | G | GS | 38 | 238 | 71.5 | 0 | 0.00 | | 50 | 0.42 | | 1 | 0.01 | | 0 | 0.00 | | 1 | 0.01 | |
| | 9 | G | GS | 32 | 152 | 54.1 | 1 | 0.01 | | 26 | 0.34 | | 0 | 0.01 | | 0 | 0.00 | | 1 | 0.01 | |
| | 10 | G | GS | 32 | 151 | 53.9 | 1 | 0.01 | | 36 | 0.47 | | 0 | 0.01 | | 0 | 0.00 | | 1 | 0.01 | |
| | 11 | G | GS | 56 | 227 | 46.2 | 0 | 0.00 | | 65 | 0.57 | | 1 | 0.01 | | 0 | 0.00 | | 1 | 0.01 | |
| | 12 | G | GS | 39 | 259 | 75.8 | 1 | 0.01 | | 65 | 0.50 | | 1 | 0.01 | | 0 | 0.00 | | 1 | 0.01 | |
| | 13 | G | GS | 73 | 604 | 94.5 | 0 | 0.00 | | 28 | 0.09 | | 2 | 0.01 | | 0 | 0.00 | | 2 | 0.01 | |
| | 14 | G | GS | 61 | 432 | 80.8 | 0 | 0.00 | | 22 | 0.10 | | 1 | 0.01 | | 0 | 0.00 | | 2 | 0.01 | |
| | 16 | G | GS | 73 | 601 | 94.0 | 0 | 0.00 | | 5 | 0.02 | | 2 | 0.01 | | 0 | 0.00 | | 2 | 0.01 | |
| | 17 | G | GS | 47 | 320 | 77.7 | 0 | 0.00 | | 9 | 0.06 | | 1 | 0.01 | | 0 | 0.00 | | 1 | 0.01 | |
| | 18 | G | GS | 58 | 418 | 82.4 | 0 | 0.00 | | 28 | 0.14 | | 1 | 0.01 | | 0 | 0.00 | | 2 | 0.01 | |
| 20 | G | GS | 44 | 302 | 78.3 | 0 | 0.00 | | 17 | 0.11 | | 1 | 0.01 | | 0 | 0.00 | | 1 | 0.01 | | |
| Σ | | | 669 | 4409 | 75.2 | 4 | 0.00 | | 521 | 0.24 | | 13 | 0.01 | | 1 | 0.00 | | 18 | 0.01 | | |
| Non-BAAQMD Calif. Load-Related | | | | 243620 | | 216867 | 1.78 | | 117565 | 0.97 | | N/A | N/A | | N/A | N/A | | 24475 | 0.20 | | |
| Total Calif. Load-Related | | | | 252856 | | 221300 | 1.75 | | 117645 | 0.93 | | N/A | N/A | | N/A | N/A | | 24908 | 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
- Reflects 1998 AP42 updates