

**TABLE 4.5-27
LAKE COUNTY GEYSERS POWER PLANTS
CRITERIA AIR POLLUTANT EMISSIONS, 1999 AND 2005**

Pollutant	Estimated Emissions in Tons Per Year ^a			
	Existing ^b	1999 Baseline	1999 Analytical Maximum	2005 Cumulative Analytical Maximum
Carbon Monoxide	0	0	0	0
Reactive Organic Gases	7	6	6	5
Nitrogen Oxides	0	0	0	0
Hydrogen Sulfides	38	33	33	31
Particulate Matter (PM-10)	46	39	39	38

^a Baseline and analytical maximum emissions estimates were developed using generation rates developed by Sierra Energy and Risk Assessment, Inc. for this report, ~~and~~ emissions factors for carbon monoxide, ROG, NOx, and PM-10 derived from the Title V applications (to the Lake County AQMD) for Units 13 and 16, ~~and~~ emissions factors for hydrogen sulfide from the California Energy Commission's Electricity Report 94.

^b Existing emissions reflect an average of emissions over the 1995 to 1997 period. The emissions estimates were made based on electricity generated during the 1995 to 1997 period, ~~and on~~ emissions factors for carbon monoxide, ROG, NOx, and PM-10 derived from the Title V applications (to the Lake County AQMD) for Units 13 and 16, ~~and~~ emissions factors for hydrogen sulfide from the California Energy Commission's Electricity Report 94.