

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 derived from the Title V applications (to the Lake County AQMD) for Units 13 and 16.

^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 derived from the Title V applications (to the Lake County AQMD) for Units 13 and 16.