

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

PSD-TX-662M1

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

## AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Name (3)	lb/hr	Air Contaminant TPY	Emission Rates *	
<u>Case I: Turbines Firing Natural Gas</u>						
CT1	101 MWe GE MS7001EA			NOx	404.00	1212.00
				SO2	16.30	48.90
				PM	20.60	61.80
CT2	101 MWe GE MS7001EA			NOx	404.00	1212.00
				SO2	16.30	48.90
				PM	20.60	61.80
CT3	101 MWe GE MS7001EA			NOx	404.00	1212.00
				SO2	16.30	48.90
				PM	20.60	61.80
CT4	101 MWe GE MS7001EA			NOx	404.00	1212.00
				SO2	16.30	48.90
				PM	20.60	61.80
CT1-4	Total Combined Emission Limits			NOx	1616.00	1212.00
				SO2	65.20	48.90
				PM	82.40	61.80
<u>Case II: Turbines Firing Fuel Oil</u>						
CT1	101 MWe GE MS7001EA			NOx	404.00	1212.00
				SO2	559.00	1677.00
				PM	56.30	169.00
CT2	101 MWe GE MS7001EA			NOx	404.00	1212.00
				SO2	559.00	1677.00

		PM	56.30	169.00
CT3	101 MWe GE MS7001EA	NOx	404.00	1212.00
		SO2	559.00	1677.00
		PM	56.30	169.00

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#### AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u>	
				TPY	
CT4	101 MWe GE MS7001EA	NOx	404.00	1212.00	
		SO2	559.00	1677.00	
		PM	56.30	169.00	
CT1-4	101 MWe GE MS7001EA	NOx	1616.00	1212.00	
		SO2	2236.00	1677.00	
		PM	225.20	169.00	

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) PM - particulate matter  
NOx - total oxides of nitrogen  
SO2 - sulfur dioxide

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day\_\_\_Days/week\_\_\_Weeks/year\_\_\_or Hrs/year 6,000 \*\*

\*\* Annual emission limits for the plant are based on 6,000 hours at 101 MWe or 606,000 megawatt-hours per year.

Revised\_\_\_\_\_