

**Appendix F - SUN VALLEY ENERGY PROJECT
NOx RTC Calculations**

		A/N 450931
BY KLC	DATE 2/8/06	

Data:

Operating Schedule (1st Year):

Startups = 350 hours/year

Shutdowns = 350 hours/year

Normal Operations = 2,634 hours/year

Commissioning Period =134 hours

Operating Condition 100	Hours per Year	NOx (lb/hr)	NOx (lb/year) per device	NOx (lb/year) cumulative
CTGs				
Startup	350	10.42	3,647.00	18,235.00
Shutdown	350	11.00	3,850.00	19,250.00
Normal Operation	2,634	8.21	21,625.14	108,125.70
Commissioning	134	71.21	9,542.14	47,710.70
CTG Totals	3,468		38,664.28	193,321.40
Emergency Fire Pump				
Emergency Fire Pump	199	10.54	2,097.46	2,097.46
Total 1st Year Emissions (lb/year)			40,761.74	195,418.86
Offset Ratio			1.00	1.00
1st year RTCs (lb/year)			40,761.74	195,418.86
2nd year RTCs (lb/year)			32,319.74	153,208.86