

**Appendix D - LONG BEACH GENERATION, LLC
NOx RTC Calculations**

		A/N 446222
BY KLC	DATE 1/14/07	

Data: (per turbine)
 Operating Schedule (1st Year):
 Startups = 50 hours/year
 Shutdowns = 50 hours/year
 Normal Operations = 1,131 hours/year
 Commissioning Period =30 hours

Operating Condition 3	Hours per Year	NOx (lb/hr)	NOx (lb/year) per device	NOx (lb/year) cumulative
Alstom 11D5 CTGs				
Startup	50	160.00	8,000.00	32,000.00
Shutdown	50	11.23	561.50	2,246.00
Normal Operation	1,131	11.23	12,701.13	50,804.52
Commissioning	30	105.98	3,179.40	12,717.60
CTG Totals			24,442.03	97,768.12
Total 1st Year Emissions (lb/year)			24,442.03	97,768.12
Offset Ratio			1.00	1.00
1st year RTCs (lb/year)			24,442.03	97,768.12
2nd year RTCs (lb/year)			21,599.53	86,398.12