

Client: Calpine Corporation
Job Location: Tampa, FL, USA

Client Reference Number:
CALPINE OSPREY
ENERGY CENTER

Our Reference Number: US470-0003811

Sample ID: 2010-TAMP-000212-001
Sample Designated As: Diesel
Vessel/Location: Submitted Sample
Representing: A.P.P. Tank Filtration System

Date Taken: 14-May-2010
Date Submitted: 14-May-2010
Date Tested: 18-May-2010
Drawn By: Client

Method	Test	Result	Units
ASTM D4294	Sulfur Content in Petroleum Products by ED-XRF Sulfur Content	0.0448	Wt %

Signed: _____



Intertek

Daniel Thompson, Laboratory Manager

Date: _____

5/18/10

001
AUBURNDALE POWER PLANT
 AUBURNDALE, FLORIDA
CoGen Monthly Emissions Report
 May - 2009

12-Month Rolling Emission Limits
 NOx ppm @15% O₂- Gas Only - 9 NOx Tons - 177 NOx Tons- Oil Only - 46

Day	O2%	NOx ppm	NOx ppm @15% O ₂	NOx ppm @15% O ₂ Gas Only	Valid NOx ppm Hours	NOx lb/mmBtu	NOx lbs	NOx lbs Oil Only	Turbine On-Time
May 1	15.3	13.3	14.8	12.67	11	0.05450	725.9	Down	13.3
May 2	15.1	13.3	14.5	12.43	11	0.05343	709.8	Down	13.4
May 3	15.1	12.8	13.8	11.78	11	0.05072	689.3	Down	13.3
May 4	15.1	12.9	13.7	11.71	11	0.05039	681.8	Down	13.3
May 5	14.7	13.5	13.6	11.57	11	0.04997	712.6	Down	13.3
May 6	14.8	13.5	13.7	N/A	N/A	0.05040	713.2	0.268	13.3
May 7	14.9	14.2	15.9	N/A	N/A	0.05885	731.2	6.848	13.5
May 8	14.7	13.6	13.9	11.61	11	0.05103	714.6	Down	13.3
May 9	14.5	13.5	13.4	11.13	11	0.04910	709.7	Down	13.3
May 10	14.5	13.4	13.1	11.21	11	0.04828	712.7	Down	13.3
May 11	14.6	13.5	13.3	11.44	11	0.04898	703.9	Down	13.3
May 12	14.5	13.1	12.9	11.03	11	0.04730	687.9	Down	13.3
May 13	14.8	13.3	13.8	11.34	9	0.05060	588.8	Down	13.3
May 14	15.1	13.2	14.1	12.17	11	0.05165	701.9	Down	13.3
May 15	15.0	13.3	13.9	12.16	11	0.05122	698.7	Down	13.3
May 16	15.0	13.3	13.9	12.16	11	0.05121	698.7	Down	13.3
May 17	15.0	13.3	14.0	12.12	11	0.05141	694.5	Down	13.3
May 18	15.2	13.2	14.3	12.48	11	0.05248	696.5	Down	13.3
May 19	15.2	13.3	14.5	12.44	11	0.05325	701.1	Down	13.3
May 20	15.2	13.3	14.6	12.56	11	0.05353	708.2	Down	13.4
May 21	15.0	13.3	14.2	12.12	11	0.05202	693.8	Down	13.4
May 22	15.1	13.0	14.0	11.96	11	0.05140	684.8	Down	13.3
May 23	15.0	13.4	14.0	12.21	11	0.05155	705.5	Down	13.4
May 24	15.1	13.5	14.3	12.46	11	0.05261	709.9	Down	13.3
May 25	15.1	13.3	14.3	12.32	11	0.05249	693.2	Down	13.3
May 26	15.1	13.6	14.5	12.39	11	0.05326	705.4	Down	13.3
May 27	15.1	12.6	13.6	11.32	10	0.05008	516.2	Down	10.6
May 28	15.1	13.0	13.9	12.06	11	0.05118	676.8	Down	13.3
May 29	15.0	13.3	13.9	12.24	11	0.05126	684.3	Down	13.3
May 30	15.0	13.3	14.0	12.18	11	0.05148	689.1	Down	13.3
May 31	15.2	13.3	14.5	12.42	11	0.05337	706.6	Down	13.3
Average Total	15.0	13.3	14.03	12.0	316	0.05158	691.2	7.116	410
12-Mo Avg			11.7				21427		
12-Mo Avg For Limit			5.524109		4136		128.9 Tons	0.022127 Tons	
12-Mo Total									

AUBURNDALE POWER PLANT
AUBURNDALE, FLORIDA
CoGen Monthly Emissions Report
June - 2009

Day	12-Month Rolling Emission Limits										Turbine On-Time
	O2%	NOx ppm @15% O2	NOx ppm @15% O2	NOx ppm @15% O2 Gas Only	Valid NOx ppm Hours	NOx ib/mmBtu	NOx lbs	NOx lbs Oil Only			
June 1	15.2	13.7	14.8	13.0	11	0.05449	719.3	Down	13.3		
June 2	14.8	13.2	13.8	11.6	11	0.05078	695.2	Down	13.3		
June 3	15.1	12.5	13.0	11.8	11	0.04767	650.4	Down	13.4		
June 4	15.0	12.8	13.5	11.8	11	0.04969	663.7	Down	13.3		
June 5	14.6	13.2	13.2	11.3	11	0.04837	691.0	Down	13.3		
June 6	15.0	13.2	13.9	12.1	11	0.05094	684.7	Down	13.3		
June 7	15.2	13.2	14.3	12.4	11	0.05274	695.7	Down	13.4		
June 8	15.0	13.2	13.8	12.1	11	0.05056	688.8	Down	13.3		
June 9	15.0	13.3	13.9	12.2	11	0.05112	686.6	Down	13.3		
June 10	15.0	13.0	13.8	11.9	10	0.05076	616.9	Down	13.3		
June 11	15.0	13.1	13.7	12.1	11	0.05021	677.0	Down	13.3		
June 12	14.9	13.2	13.6	11.9	11	0.04984	683.2	Down	13.3		
June 13	14.9	13.1	13.6	11.7	11	0.04995	680.8	Down	13.3		
June 14	14.9	13.1	13.6	11.8	11	0.04998	678.6	Down	13.3		
June 15	15.0	13.2	13.8	12.2	11	0.05078	682.0	Down	13.3		
June 16	15.0	13.1	13.7	12.1	11	0.05038	676.4	Down	13.3		
June 17	15.0	13.2	13.9	12.0	11	0.05106	679.0	Down	13.3		
June 18	15.0	13.2	13.9	12.2	11	0.05106	687.3	Down	13.3		
June 19	15.0	13.1	14.0	12.0	11	0.05134	673.6	Down	13.3		
June 20	15.0	12.9	13.6	11.9	11	0.04981	655.4	Down	13.3		
June 21	15.0	13.1	13.7	12.1	11	0.05023	661.5	Down	13.3		
June 22	15.0	13.1	13.7	12.2	11	0.05023	663.7	Down	13.3		
June 23	15.1	13.3	14.0	12.2	11	0.05157	687.6	Down	13.3		
June 24	14.9	13.0	13.4	11.5	11	0.04935	669.4	Down	13.3		
June 25	14.7	13.0	13.2	11.3	11	0.04851	672.4	Down	13.3		
June 26	14.8	13.4	13.7	11.6	11	0.05033	688.9	Down	13.3		
June 27	15.1	13.3	14.1	12.4	11	0.05201	685.4	Down	13.3		
June 28	15.1	13.2	14.1	12.2	11	0.05178	667.7	Down	13.3		
June 29	14.7	13.1	13.3	11.4	11	0.04892	661.9	Down	13.3		
June 30	15.2	13.1	14.2	12.4	11	0.05222	677.5	Down	13.4		
Average Total	15.0	13.1	13.8	12.0	329	0.05056	676.7	Down	399		
12-Mo Avg				11.7			20302				
12-Mo Avg For Limit				5.528116	4139		128.9 Tons	0.022127 Tons			
12-Mo Total											

AUBURNDALE POWER PLANT

AUBURNDALE, FLORIDA

CoGen Monthly Emissions Report

July - 2009

12-Month Rolling Emission Limits
 NOx ppm @15% O2- Gas Only - 9 NOx Tons - 177 NOx Tons- Oil Only - 46

Day	O2%	NOx ppm	NOx ppm @15% O2	NOx ppm @15% O2 Gas Only	Valid NOx ppm Hours	NOx lb/mmBtu	NOx lbs	NOx lbs Oil Only	Turbine On-Time
July 1	15.2	13.1	14.4	12.5	11	0.05305	681.9	Down	13.3
July 2	15.3	13.0	14.4	12.5	11	0.05281	675.0	Down	13.3
July 3	15.2	13.2	14.4	12.5	11	0.05280	682.5	Down	13.4
July 4	15.2	13.0	14.1	12.5	11	0.05178	671.0	Down	13.3
July 5	15.1	13.1	14.0	12.4	11	0.05150	667.9	Down	13.3
July 6	15.2	13.1	14.2	12.4	11	0.05236	664.7	Down	13.3
July 7	15.2	13.2	14.1	12.5	11	0.05197	677.7	Down	13.3
July 8	15.1	13.4	14.2	12.2	11	0.05206	686.5	Down	13.4
July 9	15.3	13.4	14.9	12.7	11	0.05461	699.9	Down	13.3
July 10	15.3	13.3	14.5	12.7	11	0.05327	695.8	Down	13.4
July 11	15.3	13.3	14.6	12.7	11	0.05354	695.9	Down	13.3
July 12	15.2	13.3	14.4	12.7	11	0.05300	691.1	Down	13.3
July 13	15.3	13.2	14.4	12.6	12	0.05302	693.8	Down	13.6
July 14	15.4	13.9	16.1	N/A	N/A	0.05959	709.3	8.214	13.6
July 15	15.3	13.3	14.6	12.6	11	0.05382	687.6	Down	13.3
July 16	14.9	13.2	13.9	11.9	11	0.05096	682.3	Down	13.3
July 17	15.3	13.0	14.3	12.4	11	0.05267	667.8	Down	13.3
July 18	15.3	13.0	14.4	12.6	11	0.05293	676.8	Down	13.3
July 19	15.3	13.1	14.6	12.6	11	0.05355	679.2	Down	13.3
July 20	15.3	13.4	14.8	12.6	11	0.05441	689.9	Down	13.3
July 21	15.3	13.3	14.5	12.7	11	0.05316	692.9	Down	13.3
July 22	14.9	13.4	13.9	12.0	11	0.05123	696.1	Down	13.3
July 23	15.2	13.3	14.3	12.6	11	0.05272	684.3	Down	13.3
July 24	15.0	13.3	14.0	12.1	11	0.05141	686.5	Down	13.3
July 25	15.0	13.3	14.1	12.1	11	0.05181	692.8	Down	13.3
July 26	14.9	13.3	13.8	11.8	11	0.05060	694.4	Down	13.3
July 27	15.3	13.1	14.6	12.6	11	0.05353	681.5	Down	13.3
July 28	15.2	13.1	14.5	12.5	11	0.05318	679.2	Down	13.3
July 29	15.3	13.1	14.4	12.5	11	0.05306	680.8	Down	13.3
July 30	15.3	13.1	14.6	12.6	11	0.05361	684.7	Down	13.3
July 31	15.3	11.9	12.0	12.0	9	0.04418	486.4	Down	13.3
Average Total	15.2	13.2	14.3	12.4	329	0.05265	678.6	8.214	413
12-Mo Avg			11.8				21036		
12-Mo Avg For Limit			5.564589						
12-Mo Total					4131		129.1 Tons	0.026234 Tons	

AUBURNDALE POWER PLANT AUBURNDALE, FLORIDA CoGen Monthly Emissions Report August - 2009

12-Month Rolling Emission Limits
NOx ppm @15% O₂ - Gas Only - 9 NOx Tons - 177 NOx Tons - Oil Only - 46

Day	O2%	NOx ppm	NOx ppm @15% O ₂	NOx ppm @15% O ₂ Gas Only	Valid NOx ppm Hours	NOx lb/mmBtu	NOx lbs	NOx lbs Oil Only	Turbine On-Time
August 1	15.3	13.3	14.6	12.7	11	0.05379	690.9	Down	13.3
August 2	15.3	12.6	14.0	11.9	11	0.05158	648.7	Down	13.3
August 3	15.3	12.4	13.7	11.8	11	0.05045	647.2	Down	13.3
August 4	15.1	12.6	13.7	11.6	11	0.05021	656.4	Down	13.3
August 5	15.1	12.5	13.4	11.5	11	0.04934	651.8	Down	13.3
August 6	15.2	12.6	13.7	11.6	11	0.05037	655.0	Down	13.3
August 7	15.0	12.4	13.0	11.0	11	0.04769	646.1	Down	13.3
August 8	15.0	12.6	13.2	11.3	11	0.04839	656.7	Down	13.3
August 9	15.2	12.6	13.6	11.8	11	0.04989	650.7	Down	13.3
August 10	14.9	12.7	13.1	11.0	11	0.04831	651.3	Down	13.3
August 11	14.8	12.5	12.9	10.8	11	0.04725	645.7	Down	13.3
August 12	15.1	13.3	14.5	12.2	11	0.05315	676.6	Down	13.1
August 13	15.2	13.4	14.6	12.6	11	0.05365	696.4	Down	13.3
August 14	15.3	13.1	14.5	12.0	9	0.05321	560.2	Down	13.3
August 15	15.3	13.2	14.6	12.6	11	0.05349	682.6	Down	13.3
August 16	15.3	13.2	14.7	12.7	11	0.05420	688.5	Down	13.3
August 17	15.2	13.4	14.6	12.6	11	0.05380	696.8	Down	13.3
August 18	15.2	13.3	14.5	12.5	11	0.05322	689.4	Down	13.3
August 19	15.2	13.2	14.3	12.6	11	0.05253	683.6	Down	13.3
August 20	15.0	13.2	13.9	12.1	11	0.05111	688.2	Down	13.3
August 21	15.2	13.2	14.3	12.5	11	0.05243	679.5	Down	13.3
August 22	15.2	13.2	14.3	12.6	11	0.05271	678.3	Down	13.3
August 23	15.3	13.3	14.6	12.6	11	0.05366	683.8	Down	13.3
August 24	15.3	13.3	14.6	12.6	11	0.05375	686.3	Down	13.3
August 25	15.2	13.5	14.7	12.5	11	0.05385	698.2	Down	13.3
August 26	15.5	13.1	15.7	12.7	11	0.05770	647.5	Down	12.5
August 27	15.3	13.4	14.6	12.6	11	0.05364	687.0	Down	13.3
August 28	15.4	13.2	15.0	12.8	11	0.05502	660.5	Down	13.3
August 29	15.3	13.1	14.4	12.6	11	0.05303	678.1	Down	13.3
August 30	15.3	13.3	14.8	12.7	11	0.05438	689.7	Down	13.3
August 31	Down	Down	Down	Down	0	Down	Down	Down	0.0
Average Total	15.2	13.0	14.2	12.2	328	0.05219	668.4	Down	398
12-Mo Avg			11.9				20052		
12-Mo Avg For Limit			5.610388		4130		128.9 Tons	0.024973 Tons	
12-Mo Total									

AUBURNDALE POWER PLANT AUBURNDALE, FLORIDA CoGen Monthly Emissions Report September - 2009

12-Month Rolling Emission Limits
NOx ppm @15% O₂- Gas Only - 9 NOx Tons - 177 NOx Tons- Oil Only - 46

Day	O2%	NOx ppm	NOx ppm @15% O ₂	NOx ppm @15% O ₂ Gas Only	Valid NOx ppm Hours	NOx lb/mmBtu	NOx lbs	NOx lbs Oil Only	Turbine On-Time
September 1	15.4	13.6	15.5	12.9	13	0.05699	783.7	Down	15.3
September 2	15.3	13.5	14.8	12.7	11	0.05454	694.7	Down	13.3
September 3	15.3	13.4	14.6	12.7	11	0.05380	691.9	Down	13.3
September 4	15.3	13.3	14.5	12.7	11	0.05328	685.4	Down	13.3
September 5	15.3	13.4	14.6	12.7	11	0.05364	684.3	Down	13.3
September 6	15.3	13.4	14.6	12.7	11	0.05371	686.4	Down	13.3
September 7	15.3	13.2	14.7	12.7	11	0.05418	683.3	Down	13.3
September 8	15.2	13.2	14.6	12.5	11	0.05358	679.0	Down	13.3
September 9	15.3	13.2	14.6	12.6	11	0.05381	683.1	Down	13.3
September 10	15.3	13.2	14.7	12.6	11	0.05406	682.2	Down	13.3
September 11	15.4	14.3	17.4	12.5	10	0.06389	608.9	Down	11.9
September 12	15.2	13.4	14.5	12.7	11	0.05338	693.0	Down	13.3
September 13	15.2	13.4	14.3	12.6	11	0.05258	686.4	Down	13.3
September 14	14.9	13.2	14.0	11.8	11	0.05138	687.1	Down	13.3
September 15	14.9	13.1	13.8	11.6	11	0.05084	678.9	Down	13.3
September 16	15.4	14.2	16.4	12.5	10	0.06020	646.7	Down	12.4
September 17	15.2	13.5	14.8	12.7	11	0.05437	700.9	Down	13.3
September 18	14.9	13.3	14.1	11.8	11	0.05186	678.8	Down	13.2
September 19	15.2	13.4	14.5	12.6	11	0.05324	690.2	Down	13.3
September 20	15.2	13.3	14.4	12.6	11	0.05307	690.3	Down	13.3
September 21	15.2	13.6	14.7	12.6	11	0.05416	697.3	Down	13.3
September 22	14.9	13.4	13.8	11.9	11	0.05085	690.2	Down	13.3
September 23	14.8	13.4	13.8	11.8	11	0.05077	691.8	Down	13.3
September 24	15.2	13.4	14.4	12.6	11	0.05290	690.0	Down	13.3
September 25	14.9	13.7	14.6	11.9	11	0.05383	702.0	Down	13.3
September 26	14.8	13.5	13.7	11.8	11	0.05034	689.6	Down	13.3
September 27	15.1	13.4	14.2	12.5	11	0.05202	678.8	Down	13.3
September 28	14.9	13.4	14.1	11.9	11	0.05178	696.6	Down	13.3
September 29	15.0	12.5	13.4	11.1	11	0.04914	643.9	Down	13.3
September 30	15.3	12.9	14.3	12.0	11	0.05258	663.3	Down	13.3
Average Total	15.2	13.4	14.5	12.3	330	0.05349	685.3	Down	399
12-Mo Avg				11.9			20559		
12-Mo Avg For Limit				5.625331					
12-Mo Total					4141		129.2 Tons	0.017805 Tons	

AUBURNDALE POWER PLANT

AUBURNDALE, FLORIDA

CoGen Monthly Emissions Report

October - 2009

Day	12-Month Rolling Emission Limits												Turbine On-Time
	NOx ppm @15% O2- Gas Only - 9	NOx ppm @15% O2- Gas Only - 177	NOx ppm @15% O2- Gas Only - 177	NOx ppm @15% O2- Gas Only - 177	NOx ppm @15% O2- Gas Only - 177	NOx ppm @15% O2- Gas Only - 177	NOx ppm @15% O2- Gas Only - 177	NOx ppm @15% O2- Gas Only - 177	NOx ppm @15% O2- Gas Only - 177	NOx ppm @15% O2- Gas Only - 177	NOx ppm @15% O2- Gas Only - 177	NOx ppm @15% O2- Gas Only - 177	
October 1	15.3	12.8	14.1	11.9	11	0.05169	652.7	Down	13.3				
October 2	15.1	12.7	13.8	11.6	11	0.05074	657.5	Down	13.3				
October 3	15.1	12.8	14.0	11.6	11	0.05150	661.9	Down	13.3				
October 4	15.1	12.7	13.7	11.6	11	0.05053	653.8	Down	13.3				
October 5	15.1	12.8	13.6	11.6	11	0.04987	651.3	Down	13.3				
October 6	15.0	12.7	13.3	11.5	11	0.04899	650.8	Down	13.3				
October 7	14.9	12.7	13.0	11.1	11	0.04780	655.8	Down	13.4				
October 8	15.2	12.6	16.8	10.2	11	0.06176	580.4	Down	12.6				
October 9	14.7	13.3	13.3	11.4	11	0.04879	679.8	Down	13.3				
October 10	14.6	13.4	13.3	11.3	11	0.04893	687.6	Down	13.3				
October 11	14.6	13.4	13.2	11.2	11	0.04857	690.8	Down	13.3				
October 12	14.7	13.3	13.7	11.3	11	0.05036	682.0	Down	13.3				
October 13	14.9	13.6	14.9	11.5	12	0.05464	710.1	Down	13.6				
October 14	Down	Down	Down	Down	0	Down	Down	Down	0.0				
October 15	Down	Down	Down	Down	0	Down	Down	Down	0.0				
October 16	Down	Down	Down	Down	0	Down	Down	Down	0.0				
October 17	Down	Down	Down	Down	0	Down	Down	Down	0.0				
October 18	Down	Down	Down	Down	0	Down	Down	Down	0.0				
October 19	Down	Down	Down	Down	0	Down	Down	Down	0.0				
October 20	Down	Down	Down	Down	0	Down	Down	Down	0.0				
October 21	18.0	35.8	72.8	N/A	N/A	0.27527	94.0	Down	15.662				
October 22	15.6	10.3	14.3	10.1	10	0.05260	439.6	Down	12.2				
October 23	14.8	13.1	13.3	11.2	11	0.04885	669.7	Down	13.3				
October 24	14.7	13.2	13.3	11.2	11	0.04894	680.0	Down	13.3				
October 25	14.9	13.2	13.7	11.4	11	0.05037	696.1	Down	13.3				
October 26	14.8	13.1	13.7	11.2	11	0.05036	678.6	Down	13.3				
October 27	14.7	13.1	13.1	11.1	11	0.04829	670.9	Down	13.3				
October 28	14.7	12.9	13.2	10.8	11	0.04842	668.4	Down	13.3				
October 29	14.7	13.4	13.5	11.5	11	0.04968	694.6	Down	13.3				
October 30	14.6	13.6	13.7	11.5	11	0.05035	696.5	Down	13.3				
October 31	14.7	13.6	13.8	11.6	11	0.05069	697.0	Down	13.4				
Average Total	15.0	13.9	16.2	11.3	253	0.05992	637.5	15.662	306				
12-Mo Avg	11.9						15300						
12-Mo Avg For Limit	5.6525												
12-Mo Total					4161		129.8 Tons	0.0256636 Tons					

AUBURNDALE POWER PLANT
AUBURNDALE, FLORIDA
CoGen Monthly Emissions Report
November - 2009

12-Month Rolling Emission Limits
 NOx ppm @15% O₂- Gas Only - 9 NOx Tons - 177 NOx Tons- Oil Only - 46

Day	O2%	NOx ppm	NOx ppm @15% O ₂	NOx ppm @15% O ₂ Gas Only	Valid NOx ppm Hours	NOx lb/mmBtu	NOx lbs	NOx lbs Oil Only	Turbine On-Time
November 1	15.2	13.5	14.4	12.9	14	0.05306	852.2	Down	16.3
November 2	15.2	12.7	13.8	11.9	13	0.05078	751.5	Down	16.3
November 3	15.2	13.0	14.2	12.2	14	0.05235	825.5	Down	16.3
November 4	15.3	12.7	13.9	12.3	14	0.05101	812.1	Down	16.3
November 5	15.3	12.7	13.9	12.2	14	0.05092	807.7	Down	16.3
November 6	15.3	12.8	14.3	12.3	14	0.05247	818.9	Down	16.3
November 7	15.4	12.9	14.4	12.5	14	0.05301	849.7	Down	16.3
November 8	15.2	12.8	14.0	12.2	14	0.05130	812.4	Down	16.3
November 9	15.2	12.9	14.0	12.3	14	0.05141	819.8	Down	16.4
November 10	15.2	12.7	13.7	12.0	14	0.05033	801.9	Down	16.3
November 11	15.2	12.8	13.7	12.1	14	0.05022	805.1	Down	16.3
November 12	15.2	12.9	13.9	12.1	14	0.05116	818.3	Down	16.4
November 13	15.2	12.9	14.0	12.0	14	0.05156	805.4	Down	16.3
November 14	15.2	12.9	13.9	12.2	14	0.05110	819.6	Down	16.3
November 15	15.2	12.8	14.0	12.2	14	0.05133	814.2	Down	16.3
November 16	15.2	12.9	13.9	12.2	14	0.05119	823.6	Down	16.3
November 17	15.2	12.9	14.0	12.2	14	0.05129	825.6	Down	16.3
November 18	15.3	12.8	14.2	12.2	14	0.05218	815.9	Down	16.3
November 19	15.4	12.8	14.5	12.1	15	0.05323	821.5	Down	16.4
November 20	15.2	12.9	14.2	12.0	14	0.05224	819.0	Down	16.3
November 21	15.2	13.0	14.4	12.1	14	0.05282	818.1	Down	16.3
November 22	15.3	12.9	14.2	12.2	14	0.05220	823.3	Down	16.3
November 23	15.2	12.8	13.9	12.1	14	0.05126	821.1	Down	16.4
November 24	15.2	12.8	14.0	12.2	14	0.05149	814.9	Down	16.3
November 25	15.2	12.9	13.9	12.2	14	0.05126	830.0	Down	16.3
November 26	15.2	13.0	14.1	12.1	14	0.05167	816.0	Down	16.3
November 27	15.2	13.1	14.5	12.0	14	0.05312	824.9	Down	16.3
November 28	15.2	13.2	14.5	12.2	14	0.05335	827.5	Down	16.3
November 29	15.2	13.0	14.3	12.1	14	0.05263	828.3	Down	16.3
November 30	15.2	13.0	14.2	12.1	14	0.05219	847.7	Down	16.3
Average Total	15.2	12.9	14.1	12.2	420	0.05180	819.1	Down	489
12-Mo Avg			12.0				24572		
12-Mo Avg For Limit			5.810959		4242		132.0 Tons	0.021519 Tons	
12-Mo Total									

AUBURNDALE POWER PLANT
AUBURNDALE, FLORIDA
CoGen Monthly Emissions Report
December - 2009

12-Month Rolling Emission Limits
NOx ppm @15% O₂- Gas Only - 9 NOx Tons - 177
NOx ppm @15% O₂- Oil Only - 46 NOx Tons- Oil Only - 46

Day	O2%	NOx ppm	NOx ppm @15% O ₂	NOx ppm @15% O ₂ Gas Only	Valid NOx ppm Hours	NOx lb/mmBtu	NOx lbs	NOx lbs Oil Only	Turbine On-Time
December 1	15.2	13.0	14.2	12.2	14	0.05206	847.8	Down	16.3
December 2	15.1	12.9	13.8	11.8	14	0.05075	818.0	Down	16.3
December 3	15.2	12.9	14.1	12.0	14	0.05180	844.8	Down	16.4
December 4	15.2	13.7	15.3	12.9	14	0.05640	898.4	Down	16.3
December 5	15.3	13.7	15.1	12.8	14	0.05543	902.9	Down	16.3
December 6	15.3	13.1	14.7	12.0	14	0.05412	864.6	Down	16.3
December 7	15.1	13.1	14.2	11.9	14	0.05229	849.4	Down	16.3
December 8	15.1	13.0	13.9	11.7	14	0.05118	828.2	Down	16.3
December 9	15.0	12.9	13.7	11.7	14	0.05019	812.5	Down	16.4
December 10	15.2	13.0	14.1	12.0	14	0.05171	851.5	Down	16.4
December 11	15.3	13.1	14.9	12.1	14	0.05468	890.1	Down	16.3
December 12	15.1	13.0	13.9	11.7	14	0.05112	852.1	Down	16.3
December 13	15.0	12.9	13.6	11.5	14	0.04993	831.3	Down	16.3
December 14	15.0	12.9	13.6	11.5	14	0.05010	831.8	Down	16.3
December 15	15.1	13.0	14.1	11.6	15	0.05182	839.0	Down	16.4
December 16	15.1	13.0	14.2	11.8	14	0.05205	855.0	Down	16.3
December 17	15.1	12.8	14.0	11.5	14	0.05129	836.8	Down	16.3
December 18	15.0	12.8	13.5	11.4	14	0.04972	817.2	Down	16.4
December 19	15.3	13.0	14.7	12.1	14	0.05389	875.0	Down	16.4
December 20	15.3	13.0	14.5	11.9	14	0.05339	877.5	Down	16.3
December 21	15.4	13.9	17.2	N/A	N/A	0.06350	909.7	Down	16.5
December 22	15.2	13.1	14.7	12.1	14	0.05408	874.9	Down	16.3
December 23	15.2	13.0	14.3	11.8	14	0.05250	856.3	Down	16.3
December 24	15.2	13.0	14.3	12.0	14	0.05237	838.1	Down	16.3
December 25	15.2	13.0	14.2	12.1	14	0.05220	810.7	Down	16.3
December 26	15.3	13.1	14.7	12.1	14	0.05397	865.4	Down	16.4
December 27	15.2	13.0	14.6	11.9	14	0.05373	874.3	Down	16.4
December 28	15.2	13.1	14.6	12.1	14	0.05356	861.3	Down	16.4
December 29	15.2	13.0	14.6	12.0	14	0.05384	878.9	Down	16.3
December 30	15.2	12.9	14.2	11.9	14	0.05210	861.6	Down	16.4
December 31	15.1	12.7	13.6	11.5	14	0.05008	829.7	Down	16.3
Average Total	15.2	13.1	14.4	11.9	421	0.05277	854.4	9.204	506
12-Mo Avg			12.0				26487		
12-Mo Avg For Limit			5.827397		4254		132.9 Tons	0.026121 Tons	
12-Mo Total									

AUBURNDALE POWER PLANT

AUBURNDALE, FLORIDA

CoGen Monthly Emissions Report

January - 2010

12-Month Rolling Emission Limits
 NOx ppm @15% O₂- Gas Only - 9 NOx ppm @15% O₂- Oil Only - 46
 NOx ppm @15% O₂- Gas Only - 177 NOx ppm @15% O₂- Oil Only - 46

Day	O2%	NOx ppm	NOx ppm @15% O ₂	NOx ppm @15% O ₂ Gas Only	Valid NOx ppm Hours	NOx lb/mmBtu	NOx lbs	NOx lbs Oil Only	Turbine On-Time
January 1	15.2	12.9	14.0	12.0	14	0.05131	851.7	Down	16.3
January 2	15.3	12.9	14.6	12.1	14	0.05361	868.8	Down	16.3
January 3	15.2	13.0	14.2	11.9	14	0.05234	871.4	Down	16.4
January 4	15.3	12.9	14.6	11.9	15	0.05370	881.8	Down	16.4
January 5	15.2	12.8	14.0	11.8	14	0.05138	883.0	Down	16.4
January 6	15.8	14.5	20.0	15.7	14	0.07334	783.0	Down	13.8
January 7	15.2	13.8	16.2	11.8	15	0.05939	889.7	Down	16.4
January 8	15.2	14.1	16.1	12.1	15	0.05920	894.4	Down	16.4
January 9	15.2	14.4	16.4	12.4	15	0.06026	897.9	Down	16.4
January 10	15.3	14.9	17.7	12.4	15	0.06505	920.8	Down	16.4
January 11	15.3	14.7	17.5	14.9	16	0.06432	902.7	Down	16.4
January 12	15.4	12.7	15.4	11.9	15	0.05661	745.7	Down	15.6
January 13	15.2	12.1	13.5	11.1	14	0.04968	818.7	Down	16.4
January 14	15.2	12.1	13.4	11.1	14	0.04937	808.0	Down	16.4
January 15	15.2	13.1	14.5	12.0	14	0.05313	854.7	Down	16.3
January 16	15.2	12.8	13.9	11.9	15	0.05111	845.0	Down	16.5
January 17	15.2	12.8	13.7	11.9	14	0.05044	833.6	Down	16.3
January 18	15.3	13.0	14.5	12.2	14	0.05311	863.9	Down	16.3
January 19	15.2	13.0	14.3	12.1	14	0.05267	862.9	Down	16.3
January 20	15.2	12.8	14.0	11.8	14	0.05153	837.4	Down	16.3
January 21	15.1	12.7	13.6	11.6	14	0.05014	810.0	Down	16.3
January 22	15.0	12.6	13.4	11.5	14	0.04913	808.1	Down	16.3
January 23	15.2	12.8	14.0	11.8	14	0.05146	843.8	Down	16.3
January 24	15.0	12.8	13.6	11.6	14	0.04987	819.8	Down	16.3
January 25	15.2	12.9	14.0	12.1	14	0.05145	856.4	Down	16.3
January 26	15.3	12.8	14.3	12.0	14	0.05259	861.6	Down	16.3
January 27	15.3	13.0	14.5	12.3	14	0.05342	872.1	Down	16.4
January 28	15.2	12.6	13.8	11.6	14	0.05072	840.2	Down	16.3
January 29	15.2	12.9	14.0	11.9	14	0.05138	837.0	Down	16.3
January 30	15.0	13.0	13.8	11.7	14	0.05072	833.8	Down	16.3
January 31	15.2	12.9	14.2	12.0	14	0.05227	861.8	Down	16.3
Average Total	15.2	13.1	14.7	12.1	443	0.05402	850.3	Down	503
12-Mo Avg				12.0			26360		
12-Mo Avg For Limit				5.841096					
12-Mo Total				4264			132.7 Tons	0.026121 Tons	

AUBURNDALE POWER PLANT
AUBURNDALE, FLORIDA
CoGen Monthly Emissions Report
February - 2010

12-Month Rolling Emission Limits
 NOx ppm @15% O₂- Gas Only - 9 NOx Tons - 177 NOx Tons- Oil Only - 46

Day	O2%	NOx ppm	NOx ppm @15% O ₂	NOx ppm @15% O ₂ Gas Only	Valid NOx ppm Hours	NOx lb/mmBtu	NOx lbs	NOx lbs Oil Only	Turbine On-Time
February 1	15.2	12.9	14.2	11.9	14	0.05214	859.9	Down	16.3
February 2	15.1	12.8	13.8	11.8	14	0.05077	834.7	Down	16.3
February 3	15.2	12.9	14.2	12.0	14	0.05230	859.9	Down	16.3
February 4	15.2	11.9	13.1	10.7	14	0.04810	779.8	Down	16.3
February 5	15.0	12.7	13.6	11.6	14	0.04985	814.5	Down	16.3
February 6	15.2	13.1	14.4	12.3	14	0.05275	863.0	Down	16.4
February 7	15.2	12.9	14.3	12.0	14	0.05253	856.8	Down	16.3
February 8	15.2	12.7	14.2	11.9	14	0.05215	844.9	Down	16.3
February 9	15.4	13.5	16.0	12.7	15	0.05865	835.9	Down	16.1
February 10	15.2	12.9	14.2	11.9	14	0.05224	853.8	Down	16.3
February 11	15.2	13.0	14.3	11.9	14	0.05252	867.8	Down	16.3
February 12	15.0	13.1	14.0	11.6	14	0.05140	827.3	Down	16.4
February 13	15.2	14.0	15.7	12.4	10	0.05756	652.2	Down	12.4
February 14	15.2	12.9	14.4	11.9	14	0.05278	850.6	Down	16.3
February 15	15.1	12.6	13.8	11.6	14	0.05069	832.2	Down	16.3
February 16	15.2	12.8	14.2	11.9	14	0.05222	857.4	Down	16.3
February 17	15.2	12.9	14.3	12.0	14	0.05270	862.4	Down	16.4
February 18	15.3	12.8	14.4	12.1	14	0.05294	859.4	Down	16.4
February 19	15.3	12.8	14.4	12.1	14	0.05299	858.4	Down	16.4
February 20	15.4	13.1	15.3	12.2	15	0.05609	869.8	Down	16.4
February 21	15.2	12.9	14.3	12.1	14	0.05244	848.3	Down	16.3
February 22	15.1	12.9	13.8	11.8	14	0.05062	831.5	Down	16.3
February 23	15.2	12.8	13.8	11.9	14	0.05074	835.3	Down	16.3
February 24	15.3	12.8	14.2	12.1	14	0.05230	861.6	Down	16.3
February 25	15.2	13.0	14.6	12.1	14	0.05375	869.8	Down	16.3
February 26	15.2	13.1	14.5	12.0	14	0.05327	877.6	Down	16.3
February 27	15.1	13.0	14.0	11.8	14	0.05154	844.7	Down	16.3
February 28	15.4	12.9	14.8	12.2	15	0.05446	866.2	Down	16.4
Average Total	15.2	12.9	14.3	11.9	391	0.05259	842.0	Down	453
12-Mo Avg				12.1			23576		
12-Mo Avg For Limit				5.939498					
12-Mo Total				4300			133.2 Tons	0.020098 Tons	

AUBURNDALE POWER PLANT
AUBURNDALE, FLORIDA
CoGen Monthly Emissions Report
March - 2010

12-Month Rolling Emission Limits
 NOx ppm @15% O₂- Gas Only - 9 NOx Tons - 177 NOx Tons- Oil Only - 46

Day	O2%	NOx ppm	NOx ppm @15% O ₂	NOx ppm @15% O ₂ Gas Only	Valid NOx ppm Hours	NOx lb/mmBtu	NOx lbs	NOx lbs Oil Only	Turbine On-Time
March 1	15.2	13.0	14.4	12.1	14	0.05287	859.1	Down	16.3
March 2	15.4	12.9	15.2	12.2	14	0.05568	788.0	Down	15.5
March 3	15.4	13.2	15.7	12.1	15	0.05762	871.6	Down	16.4
March 4	15.2	12.3	13.7	11.3	14	0.05055	796.2	Down	16.3
March 5	15.2	12.2	13.7	11.3	14	0.05026	800.5	Down	16.4
March 6	15.3	12.9	14.4	12.2	14	0.05286	844.6	Down	16.4
March 7	15.3	12.9	14.5	12.2	14	0.05345	853.9	Down	16.4
March 8	15.1	12.9	14.1	11.8	14	0.05167	868.7	Down	16.4
March 9	15.1	12.9	14.0	11.7	14	0.05152	858.8	Down	16.4
March 10	15.1	12.8	13.9	11.7	14	0.05121	835.6	Down	16.3
March 11	14.9	13.0	13.6	11.5	14	0.04993	830.6	Down	16.3
March 12	15.0	12.1	12.8	10.7	14	0.04720	787.9	Down	16.3
March 13	15.1	12.9	13.9	11.7	14	0.05092	847.7	Down	16.3
March 14	15.1	13.0	14.0	11.8	14	0.05131	861.6	Down	16.3
March 15	15.1	13.0	14.0	11.7	14	0.05136	857.9	Down	16.3
March 16	15.1	12.9	14.1	11.8	14	0.05165	869.3	Down	16.4
March 17	15.1	13.2	14.2	11.9	14	0.05202	876.9	Down	16.3
March 18	15.1	13.5	14.7	12.5	14	0.05397	906.7	Down	16.4
March 19	15.1	12.9	14.3	11.9	14	0.05240	866.8	Down	16.3
March 20	15.1	12.9	14.1	11.8	14	0.05193	857.2	Down	16.3
March 21	15.0	12.9	13.8	11.6	14	0.05074	845.8	Down	16.3
March 22	15.1	12.9	14.0	11.7	14	0.05152	862.8	Down	16.3
March 23	15.1	13.6	14.8	12.5	14	0.05424	915.2	Down	16.3
March 24	15.1	13.0	14.0	11.8	14	0.05143	860.0	Down	16.3
March 25	15.0	12.9	13.8	11.7	14	0.05064	834.0	Down	16.3
March 26	14.9	13.1	13.7	11.5	14	0.05051	827.1	Down	16.3
March 27	14.9	12.9	13.6	11.3	14	0.05000	829.8	Down	16.3
March 28	14.8	13.0	13.5	11.4	14	0.04975	823.9	Down	16.3
March 29	14.9	12.8	13.1	11.2	14	0.04818	807.1	Down	16.3
March 30	14.9	13.0	13.8	11.5	14	0.05060	848.6	Down	16.3
March 31	14.9	12.9	13.8	11.4	14	0.05065	834.7	Down	16.3
Average Total	15.1	12.9	14.0	11.7	435	0.05157	846.1	Down	505
12-Mo Avg			12.0				26229		
12-Mo Avg For Limit			5.891781						
12-Mo Total					4301		132.9 Tons	0.020098 Tons	

AUBURNDALE POWER PLANT

AUBURNDALE, FLORIDA

CoGen Monthly Emissions Report

April - 2010

12-Month Rolling Emission Limits
 NOx ppm @15% O₂- Gas Only - 9 NOx Tons - 177 NOx Tons- Oil Only - 46

Day	O2%	NOx ppm	NOx ppm @15% O ₂	NOx ppm @15% O ₂ Gas Only	Valid NOx ppm Hours	NOx lb/mmBtu	NOx lbs	NOx lbs Oil Only	Turbine On-Time
April 1	15.0	13.2	14.3	11.5	11	0.05238	682.9	Down	13.3
April 2	14.9	13.0	13.7	11.2	11	0.05048	652.5	Down	13.3
April 3	14.9	13.4	14.3	11.5	11	0.05266	682.9	Down	13.3
April 4	14.9	13.3	14.1	11.5	11	0.05197	673.0	Down	13.3
April 5	14.9	13.1	14.0	11.3	11	0.05150	676.9	Down	13.4
April 6	15.0	13.2	14.2	11.6	11	0.05209	693.4	Down	13.3
April 7	15.1	13.1	14.4	11.7	11	0.05278	693.1	Down	13.3
April 8	15.0	13.1	13.9	11.5	11	0.05115	681.0	Down	13.3
April 9	15.1	12.9	14.2	11.6	11	0.05206	683.4	Down	13.3
April 10	15.1	13.2	14.5	11.7	11	0.05317	707.7	Down	13.3
April 11	15.1	13.5	14.4	11.6	11	0.05303	713.2	Down	13.3
April 12	15.1	13.0	14.3	11.7	11	0.05273	687.6	Down	13.4
April 13	15.0	13.4	14.6	11.9	11	0.05355	690.5	Down	13.4
April 14	15.0	13.6	14.9	12.1	11	0.05463	708.8	Down	13.4
April 15	14.9	13.6	14.6	12.0	11	0.05363	694.9	Down	13.4
April 16	14.9	13.1	13.9	11.3	11	0.05103	661.4	Down	13.3
April 17	14.9	13.1	13.7	11.3	11	0.05054	661.0	Down	13.3
April 18	14.9	13.1	13.8	11.4	11	0.05059	673.3	Down	13.3
April 19	15.0	13.4	14.3	11.6	11	0.05244	691.8	Down	13.3
April 20	15.0	13.3	14.4	11.6	11	0.05288	686.0	Down	13.3
April 21	14.9	13.7	14.1	11.4	11	0.05192	701.9	Down	13.3
April 22	14.9	13.3	14.0	11.4	11	0.05161	682.4	Down	13.3
April 23	14.9	13.0	13.9	11.4	11	0.05102	675.3	Down	13.3
April 24	14.9	13.1	14.0	11.4	11	0.05151	677.9	Down	13.3
April 25	14.8	13.1	13.6	11.3	11	0.05016	665.9	Down	13.3
April 26	14.9	13.3	14.1	11.3	11	0.05189	673.5	Down	13.3
April 27	15.3	13.1	14.7	12.2	11	0.05386	654.6	Down	13.3
April 28	15.0	13.3	14.5	11.2	10	0.05339	644.8	Down	12.3
April 29	15.5	14.9	19.5	12.6	10	0.07186	628.5	Down	11.2
April 30	15.0	13.6	14.7	12.1	11	0.05395	708.6	Down	13.3
Average Total	15.0	13.3	14.4	11.6	328	0.05288	680.3	Down	396
12-Mo Avg			12.0				20409		
12-Mo Avg For Limit			5.880822		4293		132.8 Tons	0.020098 Tons	
12-Mo Total									

006

Calpine
Auburndale, FL
Peaker Monthly Emissions Report
May - 2010

12-Month Rolling Emission Limits
NOx Tons - 115 CO Tons - 99

Day	O2%	NOx ppm	NOx ppm @15% O2	NOx lb/mmBtu	NOx lbs	CO ppm	CO ppm @15% O2	CO lb/mmBtu	CO lbs	Turbine On-Time
01	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
02	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
03	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
04	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
05	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
06	15.5	30.6	36.6	0.13451	736.5	13.1	16.5	0.03702	155.0	7.0
07	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
08	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
09	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
10	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
11	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
12	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
13	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
14	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
15	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
16	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
17	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
18	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
19	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
20	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
21	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
22	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
23	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
24	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
25	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
26	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
27	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval
28	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval
29	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval
30	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval
31	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval
Average Total	15.5	30.6	36.6	0.13451	736.5	13.1	16.5	0.03702	155.0	7
12-Mo Total					737				155	
					8.3 Tons				2.1 Tons	

006

Calpine
Auburndale, FL
Peaker Monthly Operations Report
May - 2010

Day	Oil Flow gal	% Temp Corr: Oil HI (HHV)	Gas Flow klb	% Temp Corr: Gas HI (HHV)	Water/Fuel Ratio	Primary Water Injection gal	Secondary Water Inj. gal	Compressor Inlet Temp °F	Turbine On-Time	Oil On Hour
01	Down	Down	Down	Down	Down	Down	Down	81.3	0.0	0.00
02	Down	Down	Down	Down	Down	Down	Down	83.7	0.0	0.00
03	Down	Down	Down	Down	Down	Down	Down	84.1	0.0	0.00
04	Down	Down	Down	Down	Down	Down	Down	84.0	0.0	0.00
05	Down	Down	Down	Down	Down	Down	Down	82.7	0.0	0.00
06	Down	Down	337.1	65.7	0.90	25601.7	15563.7	79.0	7.0	0.00
07	Down	Down	Down	Down	Down	Down	Down	81.0	0.0	0.00
08	Down	Down	Down	Down	Down	Down	Down	80.9	0.0	0.00
09	Down	Down	Down	Down	Down	Down	Down	81.1	0.0	0.00
10	Down	Down	Down	Down	Down	Down	Down	78.5	0.0	0.00
11	Down	Down	Down	Down	Down	Down	Down	78.8	0.0	0.00
12	Down	Down	Down	Down	Down	Down	Down	78.9	0.0	0.00
13	Down	Down	Down	Down	Down	Down	Down	79.5	0.0	0.00
14	Down	Down	Down	Down	Down	Down	Down	79.9	0.0	0.00
15	Down	Down	Down	Down	Down	Down	Down	80.9	0.0	0.00
16	Down	Down	Down	Down	Down	Down	Down	79.2	0.0	0.00
17	Down	Down	Down	Down	Down	Down	Down	76.8	0.0	0.00
18	Down	Down	Down	Down	Down	Down	Down	79.4	0.0	0.00
19	Down	Down	Down	Down	Down	Down	Down	80.7	0.0	0.00
20	Down	Down	Down	Down	Down	Down	Down	81.9	0.0	0.00
21	Down	Down	Down	Down	Down	Down	Down	83.5	0.0	0.00
22	Down	Down	Down	Down	Down	Down	Down	82.5	0.0	0.00
23	Down	Down	Down	Down	Down	Down	Down	82.2	0.0	0.00
24	Down	Down	Down	Down	Down	Down	Down	81.1	0.0	0.00
25	Down	Down	Down	Down	Down	Down	Down	79.8	0.0	0.00
26	Down	Down	Down	Down	Down	Down	Down	75.0	0.0	0.00
27	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval
28	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval
29	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval
30	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval
31	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval
Average Total	Down	Down	337	65.7	0.90	25601.7	15563.7	80.6	7	0.00
12-M Rlg Tot						25601.7	15563.7			0.00

MONTHLY TOTAL HEAT INPUT (mmBTU)
Using Gas Fuel Only = 7598.7
Using Gas and Oil Fuels = 7598.7

12-MONTH ROLLING TOTAL HEAT INPUT (mmBTU)
Using Gas Fuel Only = 187890.0
Using Gas and Oil Fuels = 187890.0

007

Calpine
Auburndale, FL

Turbine-1 Daily Compliance Report

May 26, 2010

Emission Limits	
24-Hr Block Avg	3-Hr Block Avg
NOx ppm @15% O2 - 3.5	NH3 ppm @15% O2 - 9
CO ppm @15% O2 - 10 w/o DB or PAG	
CO ppm @15% O2 - 17 w/ DB or PAG	

Normal Operations Data Only

Hour	NOx ppm @15% O2	CO ppm @15% O2	NH3 ppm @15% O2	NH3 ppm @15% O2 3-Hr Block	Duct Burner Status	Power Augmentation Status	Process Status
00	Down	Down	Down	Down	Off	Off	Down
01	Down	Down	Down	---	Off	Off	Down
02	Down	Down	Down	---	Off	Off	Down
03	Down	Down	Down	Down	Off	Off	Down
04	Down	Down	Down	---	Off	Off	Down
05	Down	Down	Down	---	Off	Off	Down
06	Down	Down	Down	---	Off	Off	Down
07	NSD	NSD	NSD	NSD	Off	Off	Startup
08	3.1	2.3	1.1	---	Off	Off	Startup
09	3.0	2.3	1.5	2.1	Off	Off	Normal
10	3.0	2.8	2.3	---	On	Off	Normal
11	3.0	4.0	2.6	---	On	On	Normal
12	3.0	4.1	2.6	---	On	On	Normal
13	Inval	Inval	Inval	Inval	On	On	Normal
14	Inval	Inval	Inval	---	On	On	Normal
15	Inval	Inval	Inval	---	On	On	Normal
16	Inval	Inval	Inval	Inval	On	On	Normal
17	Inval	Inval	Inval	---	On	On	Normal
18	Inval	Inval	Inval	---	On	On	Normal
19	Inval	Inval	Inval	Inval	On	On	Normal
20	Inval	Inval	Inval	---	On	On	Normal
21	Inval	Inval	Inval	Inval	On	On	Normal
22	Inval	Inval	Inval	---	On	On	Normal
23	Inval	Inval	Inval	---	On	On	Normal
Average	3.0	3.1					

007
Calpine
 Auburndale, FL
Turbine-1 Daily Operations Report
 May 26, 2010

Hour	Turbine Gas Flow kscf	Turbine Heat Input mmBtu	Turbine On-Time	Duct Burner Gas Flow kscf	Duct Burner Heat Input mmBtu	Duct Burner On-Time	GCV Gas Btu/scf	CT Megawatts	Steam Turbine Megawatts	NH3 Flow lb/hr	Process Status
00	Down	Down	0.00	Down	Down	0.00	1012.9	Down	Down	Down	Down
01	Down	Down	0.00	Down	Down	0.00	1012.9	Down	Down	Down	Down
02	Down	Down	0.00	Down	Down	0.00	1012.9	Down	Down	Down	Down
03	Down	Down	0.00	Down	Down	0.00	1012.9	Down	Down	Down	Down
04	Down	Down	0.00	Down	Down	0.00	1012.9	Down	Down	Down	Down
05	Down	Down	0.00	Down	Down	0.00	1012.9	Down	Down	Down	Down
06	192.8	195.2	0.37	Down	Down	0.00	1012.9	7.8	Down	60.9	Startup
07	1040.4	1053.5	1.00	Down	Down	0.00	1012.6	80.2	40.4	67.7	Startup
08	1504.0	1523.1	1.00	Down	Down	0.00	1012.7	134.5	67.0	52.9	Normal
09	1470.5	1489.2	1.00	3.3	3	0.07	1012.7	130.7	155.5	55.3	Normal
10	1809.6	1832.2	1.00	76.8	78	1.00	1012.5	169.4	201.8	77.4	Normal
11	1858.1	1881.3	1.00	270.9	274	1.00	1012.5	177.4	243.6	75.5	Normal
12	1862.8	1886.1	1.00	274.7	275	1.00	1012.5	178.3	243.7	75.8	Normal
13	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
14	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
15	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
16	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
17	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
18	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
19	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
20	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
21	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
22	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
23	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
Average	1391.2	9860.6	6.37	155.7	630	3.07	1012.8	125	159	59	
Total	9738.2			622.7				873		414	


007
Calpine
 Auburndale, FL
Turbine-1 Daily Permitted Capacity Report
 May 26, 2010

Hour	CT Heat Input mmBtu (LHV at ISO)	% of CT Heat Input mmBtu (LHV at ISO)	DB Heat Input mmBtu (LHV)	% of DB Heat Input mmBtu (LHV)	CT Heat Input mmBtu (HHV)	DB Heat Input mmBtu (HHV)	Megawatts	Duct Burner Status	Power Aug Status	Compressor Inlet Temp °F
00	Down	Down	Down	Down	Down	Down	Down	Off	Off	71.4
01	Down	Down	Down	Down	Down	Down	Down	Off	Off	71.2
02	Down	Down	Down	Down	Down	Down	Down	Off	Off	71.2
03	Down	Down	Down	Down	Down	Down	Down	Off	Off	71.1
04	Down	Down	Down	Down	Down	Down	Down	Off	Off	70.6
05	Down	Down	Down	Down	Down	Down	Down	Off	Off	70.2
06	180.4	9.6	Down	Down	195.2	Down	7.8	Off	Off	70.2
07	980.4	52.3	Down	Down	1053.5	Down	80.2	Off	Off	73.3
08	1426.4	76.1	Down	Down	1523.1	Down	134.5	Off	Off	76.0
09	1402.7	74.8	3	1.2	1489.2	3	130.7	On	Off	78.5
10	1696.8	90.5	70	28.0	1832.2	78	169.4	On	On	71.2
11	1745.2	93.1	247	98.8	1881.3	274	177.4	On	On	71.9
12	1749.6	93.3	248	99.2	1886.1	275	178.3	On	On	71.9
13	Inval	Inval	Inval	Inval	Inval	Inval	Inval	On	Inval	Inval
14	Inval	Inval	Inval	Inval	Inval	Inval	Inval	On	Inval	Inval
15	Inval	Inval	Inval	Inval	Inval	Inval	Inval	On	Inval	Inval
16	Inval	Inval	Inval	Inval	Inval	Inval	Inval	On	Inval	Inval
17	Inval	Inval	Inval	Inval	Inval	Inval	Inval	On	Inval	Inval
18	Inval	Inval	Inval	Inval	Inval	Inval	Inval	On	Inval	Inval
19	Inval	Inval	Inval	Inval	Inval	Inval	Inval	On	Inval	Inval
20	Inval	Inval	Inval	Inval	Inval	Inval	Inval	On	Inval	Inval
21	Inval	Inval	Inval	Inval	Inval	Inval	Inval	On	Inval	Inval
22	Inval	Inval	Inval	Inval	Inval	Inval	Inval	On	Inval	Inval
23	Inval	Inval	Inval	Inval	Inval	Inval	Inval	On	Inval	Inval
Average	1311.6		142		1408.7	158	125			72.2
Total	9181.5		568		9860.6	630	873			

Turbine-2 Daily Compliance Report
 May 26, 2010

Emission Limits	
24-Hr Block Avg	3-Hr Block Avg
NOx ppm @15% O ₂ - 3.5	NH ₃ ppm @15% O ₂ - 9
CO ppm @15% O ₂ - 10 w/o DB or PAG	
CO ppm @15% O ₂ - 17 w/ DB or PAG	

Normal Operations Data Only							
Hour	NOx ppm @15% O ₂	CO ppm @15% O ₂	NH ₃ ppm @15% O ₂	NH ₃ ppm @15% O ₂ 3-Hr Block	Duct Burner Status	Power Augmentation Status	Process Status
00	Down	Down	Down	Down	Off	Off	Down
01	Down	Down	Down	Down	Off	Off	Down
02	Down	Down	Down	Down	Off	Off	Down
03	Down	Down	Down	Down	Off	Off	Down
04	Down	Down	Down	Down	Off	Off	Down
05	Down	Down	Down	Down	Off	Off	Down
06	Down	Down	Down	Down	Off	Off	Down
07	Down	Down	Down	Down	Off	Off	Down
08	NSD	NSD	NSD	NSD	Off	Off	Startup
09	3.0	2.1	0.8	1.1	Off	Off	Startup
10	3.0	2.4	1.1	1.1	On	On	Normal
11	3.0	3.3	1.3	1.3	On	On	Normal
12	3.0	3.3	1.3	1.3	On	On	Normal
13	Inval	Inval	Inval	Inval	On	On	Normal
14	Inval	Inval	Inval	Inval	On	On	Normal
15	Inval	Inval	Inval	Inval	On	On	Normal
16	Inval	Inval	Inval	Inval	On	On	Normal
17	Inval	Inval	Inval	Inval	On	On	Normal
18	Inval	Inval	Inval	Inval	On	On	Normal
19	Inval	Inval	Inval	Inval	On	On	Normal
20	Inval	Inval	Inval	Inval	On	On	Normal
21	Inval	Inval	Inval	Inval	On	On	Normal
22	Inval	Inval	Inval	Inval	On	On	Normal
23	Inval	Inval	Inval	Inval	On	On	Normal
Average	3.0	2.8					


Calpine
 Auburndale, FL
Turbine-2 Daily Operations Report
 May 26, 2010

Hour	Turbine Gas Flow kscf	Turbine Heat Input mmBtu	Turbine On-Time	Duct Burner Gas Flow kscf	Duct Burner Heat Input mmBtu	Duct Burner On-Time	GCV Gas Btu/scf	CT Megawatts	Steam Turbine Megawatts	NH3 Flow lb/hr	Process Status
00	Down	Down	0.00	Down	Down	0.00	1012.9	Down	Down	Down	Down
01	Down	Down	0.00	Down	Down	0.00	1012.9	Down	Down	Down	Down
02	Down	Down	0.00	Down	Down	0.00	1012.9	Down	Down	Down	Down
03	Down	Down	0.00	Down	Down	0.00	1012.9	Down	Down	Down	Down
04	Down	Down	0.00	Down	Down	0.00	1012.9	Down	Down	Down	Down
05	Down	Down	0.00	Down	Down	0.00	1012.9	Down	Down	Down	Down
06	Down	Down	0.00	Down	Down	0.00	1012.9	Down	Down	Down	Down
07	6.7	6.8	0.03	Down	Down	0.00	1012.6	0.0	40.4	Down	Down
08	965.0	977.3	1.00	Down	Down	0.00	1012.7	66.6	67.0	41.2	Startup
09	1487.2	1506.1	1.00	1.3	1	0.05	1012.7	130.7	155.5	50.4	Startup
10	1826.0	1848.8	1.00	79.0	80	1.00	1012.5	167.9	201.8	61.6	Normal
11	1859.2	1882.4	1.00	268.3	272	1.00	1012.5	173.8	243.6	60.7	Normal
12	1858.1	1881.3	1.00	264.1	267	1.00	1012.5	173.9	243.7	60.9	Normal
13	Inval	Inval		Inval	Inval			Inval	Inval	Inval	Normal
14	Inval	Inval		Inval	Inval			Inval	Inval	Inval	Normal
15	Inval	Inval		Inval	Inval			Inval	Inval	Inval	Normal
16	Inval	Inval		Inval	Inval			Inval	Inval	Inval	Normal
17	Inval	Inval		Inval	Inval			Inval	Inval	Inval	Normal
18	Inval	Inval		Inval	Inval			Inval	Inval	Inval	Normal
19	Inval	Inval		Inval	Inval			Inval	Inval	Inval	Normal
20	Inval	Inval		Inval	Inval			Inval	Inval	Inval	Normal
21	Inval	Inval		Inval	Inval			Inval	Inval	Inval	Normal
22	Inval	Inval		Inval	Inval			Inval	Inval	Inval	Normal
23	Inval	Inval		Inval	Inval			Inval	Inval	Inval	Normal
Average	1333.7	8102.7	5.03	153.2	620	3.05	1012.8	119	159	53	
Total	8002.2			612.7				714		267	

Hour	CT Heat Input mmBtu (LHV at ISO)	% of CT Heat Input mmBtu (LHV at ISO)	DB Heat Input mmBtu (LHV)	% of DB Heat Input mmBtu (LHV)	CT Heat Input mmBtu (HHV)	DB Heat Input mmBtu (HHV)	Megawatts	Duct Burner Status	Power Aug Status	Compressor Inlet Temp °F
00	Down	Down	Down	Down	Down	Down	Down	Off	Off	72.9
01	Down	Down	Down	Down	Down	Down	Down	Off	Off	72.6
02	Down	Down	Down	Down	Down	Down	Down	Off	Off	72.3
03	Down	Down	Down	Down	Down	Down	Down	Off	Off	72.0
04	Down	Down	Down	Down	Down	Down	Down	Off	Off	71.4
05	Down	Down	Down	Down	Down	Down	Down	Off	Off	70.8
06	Down	Down	Down	Down	Down	Down	Down	Off	Off	70.5
07	6.3	0.3	Down	Down	6.8	Down	0.0	Off	Off	71.5
08	915.0	48.8	Down	Down	977.3	Down	66.6	Off	Off	75.9
09	1417.6	75.6	1	0.4	1506.1	1	130.7	Off	Off	78.2
10	1713.8	91.4	72	28.8	1848.8	80	167.9	On	On	71.6
11	1749.4	93.3	245	98.0	1882.4	272	173.8	On	On	72.7
12	1751.2	93.4	241	96.4	1881.3	267	173.9	On	On	73.4
13	Inval	Inval	Inval	Inval	Inval	Inval	Inval	On	On	Inval
14	Inval	Inval	Inval	Inval	Inval	Inval	Inval	On	On	Inval
15	Inval	Inval	Inval	Inval	Inval	Inval	Inval	On	On	Inval
16	Inval	Inval	Inval	Inval	Inval	Inval	Inval	On	On	Inval
17	Inval	Inval	Inval	Inval	Inval	Inval	Inval	On	On	Inval
18	Inval	Inval	Inval	Inval	Inval	Inval	Inval	On	On	Inval
19	Inval	Inval	Inval	Inval	Inval	Inval	Inval	On	On	Inval
20	Inval	Inval	Inval	Inval	Inval	Inval	Inval	On	On	Inval
21	Inval	Inval	Inval	Inval	Inval	Inval	Inval	On	On	Inval
22	Inval	Inval	Inval	Inval	Inval	Inval	Inval	On	On	Inval
23	Inval	Inval	Inval	Inval	Inval	Inval	Inval	On	On	Inval
Average	1258.9		140		1350.5	155	119			72.8
Total	7553.3		559		8102.7	620	714			

Hourly Summary

Calpine
Auburndale, FL
Hourly Log
May 25, 2010

007
Unit #1

002
Unit #2

Hour	Normal			Normal			Normal			Normal		
	Process Code 1-Hr	Ops NOx ppm @15% O2 1-Hr	Ops NH3 ppm @15% O2 1-Hr	Process Code 1-Hr	Ops NOx ppm @15% O2 1-Hr	Ops NH3 ppm @15% O2 1-Hr	Process Code 1-Hr	Ops NOx ppm @15% O2 1-Hr	Ops NH3 ppm @15% O2 1-Hr	Process Code 1-Hr	Ops NOx ppm @15% O2 1-Hr	Ops NH3 ppm @15% O2 1-Hr
00	Down	Down	Down	Down	Down	Down	Down	Down	Down	Down	Down	Down
01	Down	Down	Down	Down	Down	Down	Down	Down	Down	Down	Down	Down
02	Down	Down	Down	Down	Down	Down	Down	Down	Down	Down	Down	Down
03	Down	Down	Down	Down	Down	Down	Down	Down	Down	Down	Down	Down
04	Down	Down	Down	Down	Down	Down	Down	Down	Down	Down	Down	Down
05	Down	Down	Down	Down	Down	Down	Down	Down	Down	Down	Down	Down
06	Startup	Down	Down	Down	Down	Down	Down	Down	Down	Down	Down	Down
07	Startup	Down	Down	Down	Down	Down	Startup	Down	Down	Down	Down	Down
08	Normal	NSD 3.0	NSD 0.9	Normal	NSD 2.3	NSD 0.9	Startup	NSD	NSD	Down	NSD	NSD
09	Normal	3.1	1.5	Normal	2.4	1.5	Startup	3.1	2.6	Down	2.6	0.8
10	Normal	3.0	2.2	Normal	2.8	2.2	Normal	3.0	2.5	Down	2.5	1.0
11	Normal	2.9	2.4	Normal	4.3	2.4	Normal	2.9	4.1	Down	4.1	1.2
12	Normal	3.0	2.4	Normal	4.8	2.4	Normal	3.0	4.6	Down	4.6	1.3
13	Normal	3.0	2.4	Normal	4.8	2.4	Normal	3.0	4.5	Down	4.5	1.3
14	Normal	3.0	2.5	Normal	4.7	2.5	Normal	3.0	4.5	Down	4.5	1.3
15	Normal	3.0	2.5	Normal	4.7	2.5	Normal	3.0	4.4	Down	4.4	1.3
16	Normal	3.0	2.6	Normal	4.6	2.6	Normal	3.0	4.5	Down	4.5	1.3
17	Normal	3.0	2.5	Normal	5.5	2.5	Normal	3.0	4.4	Down	4.4	1.4
18	Normal	3.0	2.6	Normal	4.5	2.6	Normal	3.0	4.1	Down	4.1	1.4
19	Normal	2.9	2.2	Normal	3.0	2.2	Normal	3.0	2.5	Down	2.5	1.1
20	Normal	3.0	1.3	Normal	2.6	1.3	Normal	3.0	1.9	Down	1.9	0.9
21	Normal	3.0	1.7	Normal	3.2	1.7	Normal	3.2	4.9	Down	4.9	0.7
22	Shutdown	3.0	2.5	Shutdown	2.0	2.5	Shutdown	NSD	OOR	Down	OOR	NSD
23	Shutdown	Down	Down	Shutdown	Down	Down	Down	Down	Down	Down	Down	Down
Daily Av...		3.0			3.7			3.0			3.8	

3.5 17 9.0