

CeDAR Data Monitor

File View Giant Numbers Trends Bar Graphs Tools Window Help

Osprey Overview Screen

	Turbine 1 10 Second		Turbine 1 Current Hour		Turbine 1 Previous Hour		Turbine 1 Current Day (3-Hr Avg NH3)		Turbine 2 10 Second		Turbine 2 Current Hour		Turbine 2 Previous Hour		Turbine 2 Current Day (3-Hr Avg NH3)	
Norm Ops NOx ppm @15% O2	3.0	Valid	3.0	Valid	3.0	Valid	3.0	Valid	3.0	Valid	3.0	Valid	2.9	Valid	3.0	Valid
Norm Ops CO ppm @15% O2	3.9	Valid	3.9	Valid	4.0	Valid	3.0	Valid	3.3	Valid	3.2	Valid	3.2	Valid	2.1	Valid
Norm Ops O2%	12.50	Valid	12.5	Valid	12.5	Valid	13.8	Valid	12.57	Valid	12.6	Valid	12.6	Valid	13.6	Valid
Norm Ops NH3 ppm @15% O2	3.1	Valid	3.1	Valid	3.1	Valid	3.1	Valid	2.0	Valid	1.9	Valid	1.8	Valid	1.8	Valid
Norm Ops SCR NOx ppm @15% O2	22.3	Valid	22.5	Valid	22.5	Valid	24.8	Valid	20.3	Valid	20.5	Valid	20.7	Valid	22.8	Valid
Process Status	Normal		Normal		Normal		/		Normal		Normal		Normal		/	
CTG Megawatts	172.0	Valid	172.4	Valid	174.0	Valid	/		171.1	Valid	171.9	Valid	173.1	Valid	/	
Prorated STG MW	125	Valid	125	Valid	125	Valid	/		124	Valid	125	Valid	124	Valid	/	
CTG Gas Flow kscf/hr	1855.9	Valid	1856.1	Valid	1867.7	Valid	/		1845.6	Valid	1850.9	Valid	1859.9	Valid	/	
CTG Heat Input mmBtu/hr	1872.8	Valid	1873.0	Valid	1884.7	Valid	/		1862.4	Valid	1867.8	Valid	1876.8	Valid	/	
Duct Burner Gas Flow kscf/hr	273.9	Valid	273.7	Valid	273.7	Valid	/		273.3	Valid	274.0	Valid	273.5	Valid	/	
Duct Burner HI-MMBUT(LHV)	249	Valid	249.0	Valid	249	Valid	/		249	Valid	249.4	Valid	249	Valid	/	
NH3 Flow lb/hr	70.2	Valid	70.5	Valid	71.0	Valid	/		59.4	Valid	58.9	Valid	59.7	Valid	/	
Power Aug Status	On		On		On		/		On		On		On		/	

Facility- Emissions Compliance

	Previous Hour		3 Hour Average		Current Day		Previous Day		Limit
Turbine 1- Normal Ops	/		/		/		/		/
NOx ppm @15% O2	3.0	Valid	/		3.0	Valid	3.0	Valid	3.5
CO ppm @15% O2	4.0	Valid	/		3.0	Valid	2.8	Valid	17.0
NH3 ppm @15% O2	3.1	Valid	3.1	Valid	/		/		9.0
Turbine 2- Normal Ops	/		/		/		/		/



- Status Info Osprey Turbine - 2: Turbine In Power Augmentation 10:13:05 AM
- Status Info Osprey Turbine - 1: Turbine In Power Augmentation 10:12:45 AM

5 Active Alarms

Audit off Free space: <C: 131GB> D: 388 MB 5/15/2012 12:51:37 PM EST



CeDAR Data Monitor

CeDAR Data Monitor ...

12:51 PM

Calpine
Auburndale, FL
Peaker Monthly Operations Report
April - 2012

Day	Oil Flow gal	Oil Heat Input mmBtu	% 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	Down	76.1	0.0	0.00
02	Down	Down	Down	245.6	69.7	0.90	18692.8	14993.6	73.7	4.7	0.00
03	Down	Down	Down	503.2	80.3	1.07	39158.6	31481.0	72.5	9.0	0.00
04	Down	Down	Down	313.0	74.2	0.95	23717.0	19039.6	73.1	5.8	0.00
05	Down	Down	Down	Down	Down	Down	Down	Down	74.9	0.0	0.00
06	Down	Down	Down	373.9	75.7	0.98	28556.1	22904.2	71.8	6.8	0.00
07	Down	Down	Down	Down	Down	Down	Down	Down	71.6	0.0	0.00
08	Down	Down	Down	Down	Down	Down	Down	Down	73.7	0.0	0.00
09	Down	Down	Down	Down	Down	Down	Down	Down	75.3	0.0	0.00
10	Down	Down	Down	Down	Down	Down	Down	Down	76.7	0.0	0.00
11	Down	Down	Down	267.0	74.1	0.97	20235.2	16076.0	71.7	5.0	0.00
12	Down	Down	Down	Down	Down	Down	Down	Down	72.9	0.0	0.00
13	Down	Down	Down	Down	Down	Down	Down	Down	77.2	0.0	0.00
14	Down	Down	Down	Down	Down	Down	Down	Down	73.9	0.0	0.00
15	Down	Down	Down	Down	Down	Down	Down	Down	75.5	0.0	0.00
16	Down	Down	Down	Down	Down	Down	Down	Down	75.5	0.0	0.00
17	Down	Down	Down	Down	Down	Down	Down	Down	76.3	0.0	0.00
18	Down	Down	Down	Down	Down	Down	Down	Down	77.7	0.0	0.00
19	Down	Down	Down	Down	Down	Down	Down	Down	76.3	0.0	0.00
20	Down	Down	Down	630.9	82.6	1.07	48245.5	38668.0	71.5	11.0	0.00
21	Down	Down	Down	Down	Down	Down	Down	Down	71.7	0.0	0.00
22	Down	Down	Down	Down	Down	Down	Down	Down	70.4	0.0	0.00
23	Down	Down	Down	Down	Down	Down	Down	Down	68.3	0.0	0.00
24	Down	Down	Down	Down	Down	Down	Down	Down	65.3	0.0	0.00
25	Down	Down	Down	Down	Down	Down	Down	Down	67.5	0.0	0.00
26	Down	Down	Down	Down	Down	Down	Down	Down	73.6	0.0	0.00
27	Down	Down	Down	Down	Down	Down	Down	Down	77.7	0.0	0.00
28	Down	Down	Down	Down	Down	Down	Down	Down	79.6	0.0	0.00
29	Down	Down	Down	Down	Down	Down	Down	Down	79.2	0.0	0.00
30	Down	Down	Down	562.4	81.0	1.04	43022.9	34490.9	73.9	10.0	0.00
Average Total 12-M Rlg Tot	Down	Down Down	Down	2896	76.8	1.00	31661.2 221628.1	25379.0 177653.3	73.8	52	0.00 0.00

MONTHLY TOTAL HEAT INPUT (mmBTU)
Using Gas Fuel Only = 65166.1
Using Gas and Oil Fuels = 65166.1
Using Oil Fuel Only = Down

12-MONTH ROLLING TOTAL HEAT INPUT (mmBTU)
Using Gas Fuel Only = 555484.4
Using Gas and Oil Fuels = 555484.4
Using Oil Fuel Only = Down

Calpine
Auburndale, FL
Peaker Monthly Emissions Report
April - 2012

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	15.3	26.1	30.7	0.11277	525.6	16.8	27.2	0.06078	148.0	4.7
03	14.6	21.8	21.1	0.07740	819.5	11.1	12.1	0.02711	209.0	9.0
04	15.0	21.9	24.7	0.09097	529.6	12.1	18.0	0.04018	126.0	5.8
05	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
06	14.9	21.9	24.0	0.08806	632.2	12.3	17.5	0.03920	156.0	6.8
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	15.0	22.1	23.5	0.08632	462.6	12.8	15.8	0.03538	125.0	5.0
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	14.5	21.2	20.3	0.07464	996.0	9.0	9.9	0.02212	207.0	11.0
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	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
28	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
29	Down	Down	Down	Down	Down	Down	Down	Down	Down	0.0
30	14.6	21.9	21.7	0.07998	925.2	9.6	11.2	0.02504	198.0	10.0
Average	14.8	22.4	23.7	0.08716	698.7	12.0	16.0	0.03569	167.0	
Total					4891				1169	52
12-Mo Total					25.0 Tons				5.9 Tons	