

**FLORIDA POWER & LIGHT CO.  
WEST COUNTY CT - 3A**

LOAD MW: 378  
FUEL: Natural Gas

DATE: 2/14/2012  
RUN 1

**ANALYZER CALIBRATION ERROR, SYSTEM BIAS AND SYSTEM DRIFT DATA**

ANALYZER RANGE	CAL GASES	CERTIFIED GAS VALUE	ANALYZER VALUE	DIFFERENCE PPM	% SPAN	ANALYZER PRETEST		ANALYZER POSTTEST		% DRIFT	ANALYZER SERIAL #
						VALUE	% SPAN	VALUE	% SPAN		
		0.00	0.05	0.1	0.5	0.05	0.0	0.05	0.0	0.0	
10	ppm NOx	5.53	5.55	0.0	0.2	5.52	-0.3	5.55	0.0	0.3	0600314587
		9.91	9.99	0.1	0.8						
		0.00	0.07	0.1	0.3	0.00	-0.3	-0.10	-0.7	-0.4	
25	% O2	13.75	13.73	0.0	-0.1	13.69	-0.2	13.54	-0.8	-0.6	1420B701932
		24.38	24.33	-0.1	-0.2						
		0.00	0.02	0.0	0.2	0.04	0.2	0.04	0.2	0.0	
10	% CO2	5.05	5.01	0.0	-0.4	5.03	0.2	5.01	0.0	-0.2	1415D3453
		9.65	9.71	0.1	0.6						
		0.00	0.00	0.0	0.0	0.01	0.1	-0.10	-1.0	-1.1	
10	PPM CO	5.73	5.77	0.0	0.4	5.61	-1.6	5.59	-1.8	-0.2	00004483
		9.93	9.98	0.1	0.5						

**UNCORRECTED REFERENCE DATA**

Date & Time	NOx PPM	O2 %	CO2 %	CO PPM
2/14/2012 10:36	2.30	12.99	4.45	0.42
2/14/2012 10:38	2.43	13.01	4.45	0.40
2/14/2012 10:40	2.48	12.99	4.46	0.35
2/14/2012 10:42	2.45	12.96	4.48	0.34
2/14/2012 10:44	2.28	12.99	4.46	0.37
2/14/2012 10:46	2.33	12.99	4.46	0.43
2/14/2012 10:48	2.40	12.96	4.47	0.40
2/14/2012 10:50	2.35	12.96	4.48	0.35
2/14/2012 10:52	2.33	12.98	4.46	0.40
2/14/2012 10:54	2.43	12.96	4.47	0.39
2/14/2012 10:56	2.45	12.93	4.49	0.29
2/14/2012 10:58	2.25	12.98	4.46	0.46
* 2/14/2012 11:08	2.43	12.98	4.46	0.34
2/14/2012 11:10	2.33	12.96	4.47	0.40
2/14/2012 11:12	2.40	12.98	4.46	0.33
2/14/2012 11:14	2.43	12.93	4.48	0.30
2/14/2012 11:16	2.40	12.93	4.47	0.31
2/14/2012 11:18	2.38	12.98	4.44	0.31
2/14/2012 11:20	2.43	12.98	4.44	0.40
2/14/2012 11:22	2.58	12.92	4.47	0.18
2/14/2012 11:24	2.18	12.98	4.44	0.43
2/14/2012 11:26	2.48	12.93	4.46	0.31
2/14/2012 11:28	2.48	12.93	4.46	0.23
2/14/2012 11:30	2.35	12.93	4.46	0.22
* 2/14/2012 11:40	2.43	12.97	4.43	0.32
2/14/2012 11:42	2.65	12.92	4.45	0.19
2/14/2012 11:44	2.28	12.94	4.44	0.20
2/14/2012 11:46	2.25	12.97	4.42	0.34
2/14/2012 11:48	2.55	12.90	4.45	0.19
2/14/2012 11:50	2.30	12.89	4.45	0.17
2/14/2012 11:52	2.18	12.99	4.40	0.48
2/14/2012 11:54	2.48	12.96	4.42	0.40
2/14/2012 11:56	2.53	12.93	4.44	0.20
2/14/2012 11:58	2.60	12.85	4.48	0.10
2/14/2012 12:00	2.15	12.95	4.41	0.32
2/14/2012 12:02	2.30	12.81	4.34	0.44
<b>Average</b>	<b>2.39</b>	<b>12.95</b>	<b>4.45</b>	<b>0.33</b>

BIAS ADJUSTED AVERAGES	
% O2	13.08
% CO2	4.47
CO ppmvd	0.38
NOx ppmvd	2.36

CORRECTED ANALYZER VALUES	
% O2	13.08
% CO2	4.47
AVG. ADJUSTED CO ppmvd @ 15% O2	0.28
AVG. ADJUSTED NOx ppmvd @ 15% O2	1.78

\* The Compliance test consists of three Rata runs. The break in the Compliance run time is due to the Rata calibrations.