

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

LOAD MW: 383  
FUEL: Natural Gas

DATE: 2/16/2012  
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 VALUE	% SPAN	ANALYZER POSTTEST VALUE	% SPAN	% DRIFT	ANALYZER SERIAL #
10	ppm NOx	0.00	0.08	0.1	0.7	0.05	-0.2	0.05	-0.2	0.0	0600314587
	ppm NOx	5.53	5.57	0.0	0.4	5.55	-0.2	5.55	-0.2	0.0	
	ppm NOx	9.91	10.08	0.2	1.7						
25	% O2	0.00	0.02	0.0	0.1	0.04	0.1	0.04	0.1	0.0	1420B701932
		13.75	13.76	0.0	0.0	13.78	0.1	13.76	0.0	-0.1	
		24.38	24.49	0.1	0.4						
10	% CO2	0.00	0.04	0.0	0.4	0.05	0.1	0.06	0.2	0.1	1415D3453
		5.05	5.04	0.0	-0.1	5.04	0.0	5.03	-0.1	-0.1	
		9.65	9.77	0.1	1.2						
10	PPM CO	0.00	0.02	0.0	0.2	0.01	-0.1	-0.06	-0.8	-0.7	00004483
		5.73	5.73	0.0	0.0	5.75	0.2	5.67	-0.6	-0.8	
		9.93	10.00	0.1	0.7						

**UNCORRECTED REFERENCE DATA**

Date & Time	NOx PPM	O2 %	CO2 %	CO PPM
2/16/2012 10:42	2.28	13.16	4.49	0.13
2/16/2012 10:44	2.35	13.14	4.50	0.10
2/16/2012 10:46	2.28	13.15	4.50	0.12
2/16/2012 10:48	2.38	13.15	4.50	0.12
2/16/2012 10:50	2.43	13.15	4.50	0.10
2/16/2012 10:52	2.53	13.16	4.49	0.09
2/16/2012 10:54	2.53	13.16	4.49	0.11
2/16/2012 10:56	2.58	13.16	4.49	0.08
2/16/2012 10:58	2.43	13.15	4.50	0.09
2/16/2012 11:00	2.28	13.16	4.49	0.11
2/16/2012 11:02	2.33	13.15	4.50	0.10
2/16/2012 11:04	2.38	13.16	4.49	0.08
* 2/16/2012 11:14	2.45	13.16	4.49	0.08
2/16/2012 11:16	2.38	13.16	4.49	0.09
2/16/2012 11:18	2.40	13.16	4.49	0.08
2/16/2012 11:20	2.33	13.16	4.49	0.08
2/16/2012 11:22	2.33	13.16	4.49	0.07
2/16/2012 11:24	2.35	13.17	4.49	0.09
2/16/2012 11:26	2.53	13.16	4.49	0.06
2/16/2012 11:28	2.45	13.18	4.48	0.09
2/16/2012 11:30	2.58	13.16	4.49	0.07
2/16/2012 11:32	2.50	13.16	4.49	0.08
2/16/2012 11:34	2.48	13.16	4.49	0.06
2/16/2012 11:36	2.40	13.16	4.49	0.07
* 2/16/2012 11:46	2.58	13.14	4.49	0.06
2/16/2012 11:48	2.58	13.17	4.47	0.08
2/16/2012 11:50	2.63	13.16	4.49	0.07
2/16/2012 11:52	2.60	13.16	4.48	0.05
2/16/2012 11:54	2.45	13.16	4.48	0.07
2/16/2012 11:56	2.43	13.15	4.48	0.06
2/16/2012 11:58	2.38	13.16	4.48	0.05
2/16/2012 12:00	2.30	13.16	4.47	0.05
2/16/2012 12:02	2.33	13.15	4.48	0.06
2/16/2012 12:04	2.38	13.18	4.47	0.05
2/16/2012 12:06	2.45	13.16	4.48	0.05
2/16/2012 12:08	2.58	13.15	4.48	0.05
<b>Average</b>	<b>2.43</b>	<b>13.16</b>	<b>4.49</b>	<b>0.08</b>

**BIAS ADJUSTED AVERAGES**

% O2	13.14
% CO2	4.50
CO ppmvd	0.10
NOx ppmvd	2.39

**CORRECTED ANALYZER VALUES**

% O2	13.14
% CO2	4.50
AVG. ADJUSTED CO ppmvd @ 15% O2	0.08
AVG. ADJUSTED NOx ppmvd @ 15% O2	1.82

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