

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

LOAD MW: 380
FUEL: Natural Gas

DATE: 2/15/2012
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		
10	ppm NOx	0.00	-0.06	-0.1	-0.6	0.08	1.4	0.05	1.1	-0.3	0600314587
	ppm NOx	5.53	5.52	0.0	-0.1	5.52	0.0	5.44	-0.8	-0.8	
	ppm NOx	9.91	10.00	0.1	0.9						
25	% O2	0.00	0.00	0.0	0.0	0.00	0.0	0.02	0.1	0.1	1420B701932
	% O2	13.75	13.71	0.0	-0.2	13.70	0.0	13.62	-0.4	-0.3	
	% O2	24.38	24.72	0.3	1.4						
10	% CO2	0.00	0.00	0.0	0.0	0.06	0.6	0.05	0.5	-0.1	1415D3453
	% CO2	5.05	5.03	0.0	-0.2	5.04	0.1	5.03	0.0	-0.1	
	% CO2	9.65	9.75	0.1	1.0						
10	PPM CO	0.00	0.00	0.0	0.0	-0.06	-0.6	-0.04	-0.4	0.2	00004483
	PPM CO	5.73	5.73	0.0	0.0	5.76	0.3	5.67	-0.6	-0.9	
	PPM CO	9.93	9.94	0.0	0.1						

UNCORRECTED REFERENCE DATA

Date & Time	NOx PPM	O2 %	CO2 %	CO PPM
2/15/2012 11:26	2.30	13.09	4.44	0.36
2/15/2012 11:28	2.50	13.08	4.46	0.24
2/15/2012 11:30	2.38	13.09	4.46	0.27
2/15/2012 11:32	2.35	13.11	4.45	0.27
2/15/2012 11:34	2.43	13.09	4.46	0.25
2/15/2012 11:36	2.38	13.11	4.45	0.28
2/15/2012 11:38	2.43	13.11	4.45	0.26
2/15/2012 11:40	2.38	13.11	4.46	0.28
2/15/2012 11:42	2.33	13.11	4.45	0.31
2/15/2012 11:44	2.40	13.09	4.46	0.26
2/15/2012 11:46	2.38	13.09	4.47	0.26
2/15/2012 11:48	2.30	13.11	4.46	0.30
* 2/15/2012 11:58	2.38	13.11	4.45	0.26
2/15/2012 12:00	2.33	13.11	4.45	0.27
2/15/2012 12:02	2.35	13.09	4.47	0.24
2/15/2012 12:04	2.43	13.09	4.47	0.19
2/15/2012 12:06	2.23	13.10	4.46	0.25
2/15/2012 12:08	2.36	13.10	4.46	0.24
2/15/2012 12:10	2.36	13.10	4.46	0.26
2/15/2012 12:12	2.43	13.12	4.45	0.23
2/15/2012 12:14	2.43	13.10	4.46	0.24
2/15/2012 12:16	2.48	13.10	4.46	0.23
2/15/2012 12:18	2.40	13.10	4.46	0.23
2/15/2012 12:20	2.43	13.09	4.47	0.21
* 2/15/2012 12:32	2.68	13.09	4.47	0.15
2/15/2012 12:34	2.33	13.11	4.45	0.23
2/15/2012 12:36	2.50	13.10	4.45	0.19
2/15/2012 12:38	2.48	13.06	4.48	0.16
2/15/2012 12:40	2.20	13.14	4.44	0.33
2/15/2012 12:42	2.60	13.07	4.47	0.19
2/15/2012 12:44	2.43	13.11	4.45	0.18
2/15/2012 12:46	2.30	13.11	4.45	0.22
2/15/2012 12:48	2.48	13.11	4.45	0.20
2/15/2012 12:50	2.53	13.09	4.46	0.15
2/15/2012 12:52	2.38	13.11	4.45	0.16
2/15/2012 12:54	2.28	13.12	4.44	0.27
Average	2.40	13.10	4.46	0.24

BIAS ADJUSTED AVERAGES	
% O2	13.19
% CO2	4.46
CO ppmvd	0.29
NOx ppmvd	2.38

CORRECTED ANALYZER VALUES	
% O2	13.19
% CO2	4.46
AVG. ADJUSTED CO ppmvd @ 15% O2	0.22
AVG. ADJUSTED NOx ppmvd @ 15% O2	1.82

* The Compliance test is made from three Rata runs. The break in the Compliance run time is due to the Rata calibrations.