

**FLORIDA POWER & LIGHT CO.
WEST COUNTY ENERGY CENTER
AUXILIARY BOILER**

DRAFT

ANALYZER CALIBRATION ERROR DATA

RANGE SETTING	CAL GASES	CERTIFIED		OR		ANALYZER SERIAL #
		GAS VALUE	ANALYZER VALUE	≤ 0.5 DIFF PPM	± 2% SPAN	
10	% O2	0.00	0.00	0.0	0.0	01420/B701/856
		5.54	5.53	0.0	-0.1	
		9.84	9.79	-0.1	-0.5	
20	% CO2	0.00	0.00	0.0	0.0	1415C/1245
		10.00	10.00	0.0	0.0	
		19.70	19.65	-0.1	-0.3	
10	PPM CO	0.00	0.00	0.0	0.0	00004484
		5.56	5.56	0.0	0.0	
		9.79	9.73	-0.1	-0.6	

FUEL: 100 % GAS
DATE: 7/26/2012
RUN 1

SYSTEM BIAS AND CALBRATION DRIFT DATA

CAL GASES	SYSTEM PRETEST CHECK	OR		SYSTEM POSTTEST		OR		OR	
		≤ 0.5 DIFF PPM	± 5% SPAN	≤ 0.5 DIFF PPM	± 5% SPAN	≤ 0.5 DIFF PPM	± 3% DRIFT		
% O2	0.00	0.00	0.0	0.00	0.00	0.0	0.00	0.0	
	5.53	0.00	0.0	5.51	-0.02	-0.2	0.02	-0.2	
% CO2	0.00	0.00	0.0	0.04	0.04	0.2	-0.04	0.2	
	9.99	-0.01	-0.1	10.05	0.05	0.3	-0.06	0.3	
PPM CO	0.00	0.00	0.0	0.00	0.00	0.0	0.00	0.0	
	5.55	-0.01	-0.1	5.53	-0.03	-0.3	0.02	-0.2	

UNCORRECTED REFERENCE DATA

DATE / TIME	O2 %	CO2 %	CO PPM
7/26/2012 12:30	5.96	8.78	0.00
7/26/2012 12:32	5.91	8.82	0.00
7/26/2012 12:34	5.92	8.82	0.00
7/26/2012 12:36	5.89	8.83	0.00
7/26/2012 12:38	5.96	8.79	0.00
7/26/2012 12:40	5.96	8.79	0.00
7/26/2012 12:42	5.88	8.84	0.00
7/26/2012 12:44	5.91	8.82	0.00
7/26/2012 12:46	5.89	8.83	0.00
7/26/2012 12:48	5.87	8.85	0.00
7/26/2012 12:50	5.86	8.86	0.00
7/26/2012 12:52	5.81	8.89	0.00
7/26/2012 12:54	5.89	8.83	0.00
7/26/2012 12:56	5.89	8.83	0.00
7/26/2012 12:58	5.88	8.84	0.00
7/26/2012 13:00	5.89	8.83	0.00
7/26/2012 13:02	5.88	8.84	0.00
7/26/2012 13:04	5.89	8.82	0.00
7/26/2012 13:06	5.95	8.79	0.00
7/26/2012 13:08	5.87	8.84	0.00
7/26/2012 13:10	5.91	8.82	0.00
7/26/2012 13:12	5.91	8.82	0.00
7/26/2012 13:14	5.90	8.83	0.00
7/26/2012 13:16	5.95	8.81	0.00
7/26/2012 13:18	5.97	8.80	0.00
7/26/2012 13:20	5.91	8.84	0.00
7/26/2012 13:22	5.93	8.82	0.00
7/26/2012 13:24	5.93	8.83	0.00
7/26/2012 13:26	5.89	8.86	0.00
7/26/2012 13:28	5.92	8.84	0.00
7/26/2012 13:30	5.92	8.84	0.00

CORRECTED O2	5.93
CORRECTED CO2	8.80
CORRECTED CO ppmvd	0.00
CO lbs/mmBtu	0.0000

AVERAGE 5.91 8.82 0.00