

**BEFORE THE FLORIDA
PUBLIC SERVICE COMMISSION**

**DOCKET NO. 120001-EI
FLORIDA POWER & LIGHT COMPANY**

MARCH 15, 2012

**GENERATING PERFORMANCE INCENTIVE FACTOR
PERFORMANCE RESULTS FOR**

JANUARY 2011 THROUGH DECEMBER 2011

TESTIMONY & EXHIBITS OF:

J. CARINE BULLOCK

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
FLORIDA POWER & LIGHT COMPANY
TESTIMONY OF J. CARINE BULLOCK
DOCKET NO. 120001-EI
MARCH 15, 2012

Q. Please state your name and business address.

A. My name is J. Carine Bullock, and my business address is 700 Universe Boulevard, Juno Beach, Florida 33408.

Q. By whom are you currently employed and in what capacity?

A. I am employed by Florida Power & Light Company ("FPL") and I am the Vice President of Production Assurance and Business Services in the Power Generation Division of FPL, where I am responsible for providing production standardization and commercial management of FPL's fossil generating assets.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to report actual 2011 performance for Equivalent Availability Factor (EAF) and Average Net Operating Heat Rate (ANOHR) for the eleven (11) generating units used to determine the Generating Performance Incentive Factor (GPIF). I have compared the actual performance of each unit to the targets approved in Commission Order No. PSC-11-0094-FOF-EI issued February 1, 2011, for the period January through December 2011, and performed the reward/penalty calculations prescribed by

1 the GPIF Manual. My testimony presents the result of these calculations:
2 \$19,759,708 of fuel savings to FPL's customers as a result of the availability
3 and efficiency of FPL's GPIF generating units, and a GPIF reward of
4 \$7,703,912.

5 **Q. Have you prepared, or caused to have prepared under your direction,**
6 **supervision, or control any exhibits in this proceeding?**

7 A. Yes. Exhibit JCB-1 shows the reward/penalty calculations prescribed by the
8 GPIF Manual. Page 1 of Exhibit JCB-1 is an index to the contents of the
9 exhibit.

10 **Q. What is the GPIF reward/penalty amount calculated for the period**
11 **January through December 2011?**

12 A. The GPIF reward is \$7,703,912.

13 **Q. Please explain how the GPIF reward amount is calculated.**

14 A. The steps involved in making this calculation are provided in Exhibit JCB-1.
15 Page 2 provides the GPIF Reward/Penalty Table (Actual), which shows an
16 overall GPIF performance point value of +1.92, corresponding to \$19,759,708
17 in fuel savings and a GPIF reward of \$7,703,912. Page 3 provides the
18 calculation of the maximum allowed incentive dollars. The calculation of the
19 system actual GPIF performance points is shown on page 4. This page lists
20 each GPIF unit, the unit's performance indicators (EAF and ANOHR), the
21 weighting factors, and the associated GPIF points.

22

1 Page 5 is the actual EAF and adjustments summary. This page lists each of the
2 eleven (11) GPIF units, the actual outage factors and the actual EAF, in
3 columns 1 through 5. Column 6 is the adjustment for planned outage
4 variation. Column 7 is the adjusted actual EAF, which is calculated on page 6.
5 Column 8 is the target EAF. Column 9 contains the Generating Performance
6 Incentive Points for availability as determined by interpolating from the tables
7 shown on pages 8 through 18. These tables are based on the targets and target
8 ranges submitted to, and approved by, the Commission.

9
10 Continuing with Exhibit JCB-1, Page 7 shows the adjustments to ANOHR.
11 For each of the eleven (11) units, it shows, in columns 2 through 4, the target
12 heat rate formula, the actual Net Output Factor (NOF) and the actual ANOHR.
13 Since heat rate varies with NOF, it is necessary to determine both the target
14 and actual heat rates at the same NOF. This adjustment is to provide a
15 common basis for comparison purposes and is shown numerically for each
16 GPIF unit in columns 5 through 8. Column 9 contains the Generating
17 Performance Incentive Points as determined by interpolating from the tables
18 shown on pages 8 through 18. These tables are based on the targets and target
19 ranges submitted to, and approved by, the Commission.

20 **Q. Please explain the primary reason or reasons why FPL will receive a**
21 **reward under the GPIF for the January through December 2011 period.**

22 **A.** The primary reasons that FPL will receive a reward for the period were that:
23 (1) the adjusted actual EAF for St. Lucie Units 1 and 2, as well as Turkey

1 Point Unit 4 and Sanford Unit 4, were each better than target; and (2) the
2 adjusted ANOHR for St. Lucie Units 1 and 2, as well as Turkey Point Unit 3,
3 were each better than target.

4 **Q. Please summarize each nuclear unit's performance as it relates to the**
5 **EAF of the units.**

6 A. St. Lucie Unit 1 operated at an adjusted actual EAF of 66.7%, compared to its
7 target of 63.5%. This results in a +10.0 point reward, which corresponds to a
8 GPIF reward of \$2,857,171.

9
10 St. Lucie Unit 2 operated at an adjusted actual EAF of 68.8%, compared to its
11 target of 66.8%. This results in a +5.71 point reward, which corresponds to a
12 GPIF reward of \$1,902,369.

13
14 Turkey Point Unit 3 operated at an adjusted actual EAF of 93.4% compared to
15 its target of 93.2%. This results in a +0.67 point reward, which corresponds to
16 a GPIF reward of \$229,056.

17
18 Turkey Point Unit 4 operated at an adjusted actual EAF of 82.1% compared to
19 its target of 78.5%. This results in a +10.0 point reward, which corresponds to
20 a GPIF reward of \$3,050,060.

21
22 In total, the combined nuclear units' EAF performance results in a net GPIF
23 reward of \$8,038,656.

24

1 **Q. Please summarize each nuclear unit performance as it relates to the**
2 **ANOHR of the units.**

3 A. St. Lucie Unit 1 operated with an adjusted actual ANOHR of 11,268 Btu/kWh
4 compared to its target of 11,348 Btu/kWh. This results in a +7.14 point
5 reward, which corresponds to a GPIF reward of \$507,941.

6
7 St. Lucie Unit 2 operated with an adjusted actual ANOHR of 10,514 Btu/kWh
8 compared to its target of 10,822 Btu/kWh. This results in a +10.0 point
9 reward, which corresponds to a GPIF reward of \$779,594.

10
11 Turkey Point Unit 3 operated with an adjusted actual ANOHR of 11,513
12 Btu/kWh compared to its target of 11,608 Btu/kWh. This results in a +3.03
13 point reward, which corresponds to a GPIF reward of \$429,982.

14
15 Turkey Point Unit 4 operated with an adjusted actual ANOHR of 11,476
16 Btu/kWh compared to its target of 11,495 Btu/kWh. This ANOHR is within
17 the ± 75 Btu/kWh dead band around the projected target; therefore, there is no
18 GPIF reward or penalty.

19
20 In total, the combined nuclear units' heat rate performance results in a GPIF
21 reward of \$1,717,517.

22

1 **Q. What is the total GPIF reward for FPL's nuclear units?**

2 A. \$9,756,173.

3 **Q. Please summarize the performance of FPL's fossil units.**

4 A. Regarding EAF performance, four (4) of the seven (7) fossil generating units
5 (including most notably Sanford Unit 4) performed better than their
6 availability targets resulting in a reward of \$3,216,025. Two (2) units
7 performed worse than their availability targets resulting in a penalty of
8 \$3,600,598 while the remaining unit performed at its target resulting in no
9 reward or penalty. Thus, the combined fossil units' availability performance
10 results in a net GPIF penalty of \$384,573.

11

12 Regarding ANOHR, one (1) out of the seven (7) fossil units operated with an
13 ANOHR that was above the ± 75 Btu/kWh dead band resulting in a penalty of
14 \$1,667,688 while the remaining six (6) fossil units operated with ANOHRs
15 that were within the ± 75 Btu/kWh dead band resulting in no incentive reward
16 or penalty. Thus, the combined fossil units' heat rate performance results in a
17 net GPIF penalty of \$1,667,688.

18 **Q. What is the total GPIF penalty for FPL's fossil units?**

19 A. The net GPIF availability performance penalty of \$384,573 plus the net GPIF
20 heat rate performance penalty of \$1,667,688 results in a total GPIF penalty for
21 FPL's fossil units of \$2,052,261.

22

1 **Q. To recap, what is the total GPIF result for the period January through**
2 **December 2011?**

3 A. The total GPIF result for the period January through December 2011 is
4 \$19,759,708 of fuel savings to FPL's customers as a result of the availability
5 and efficiency of FPL's GPIF generating units, and a GPIF reward of
6 \$7,703,912.

7 **Q. Does this conclude your testimony?**

8 A. Yes.

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY THROUGH DECEMBER, 2011

JCB-1
DOCKET NO. 120001-EI
FPL Witness: J. Carine Bullock
Exhibit No.: _____
Pages 1 - 19
March 15, 2012

FLORIDA POWER & LIGHT COMPANY

JANUARY THROUGH DECEMBER, 2011

<u>INDEX OF MANUAL PAGES</u>	<u>TITLES</u>
6.203.001	Index of Manual Pages
6.203.002	GPIF Reward/(Penalty) Table (Actual)
6.203.003	GPIF Calculation of Maximum Allowed Incentive Dollars (Actual)
6.203.004	Derivation of System Actual GPIF Points
6.203.005	Actual Equivalent Availability and Adjustments Summary
6.203.006	EAF Adjustment Documentation
6.203.007	Adjustments to Average Net Operating Heat Rates and Adjustments Summary
6.203.008 - 6.203.018	GPIF Units Points Tables
6.203.019	Planned Outages Schedule (Actual)

GENERATING PERFORMANCE INCENTIVE FACTOR

REWARD/PENALTY TABLE (ACTUAL)

FLORIDA POWER & LIGHT COMPANY
 JANUARY THROUGH DECEMBER, 2011

GENERATING PERFORMANCE INCENTIVE POINTS (GPIF)	FUEL SAVINGS/(LOSS) (\$000)	GENERATING PERFORMANCE INCENTIVE FACTOR (\$000)
+ 10	103,074	40,185
+ 9	92,767	36,167
+ 8	82,459	32,148
+ 7	72,152	28,130
+ 6	61,844	24,111
+ 5	51,537	20,093
+ 4	41,230	16,074
+ 3	30,922	12,056
+ 2 ← 1.92	20,615 ← 19,759.708	8,037 ← 7,703.912
+ 1	10,307	4,019
0	0	0
- 1	(10,307)	(4,019)
- 2	(20,615)	(8,037)
- 3	(30,922)	(12,056)
- 4	(41,230)	(16,074)
- 5	(51,537)	(20,093)
- 6	(61,844)	(24,111)
- 7	(72,152)	(28,130)
- 8	(82,459)	(32,148)
- 9	(92,767)	(36,167)
- 10	(103,074)	(40,185)

GENERATING PERFORMANCE INCENTIVE FACTOR

CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

ACTUAL

FLORIDA POWER & LIGHT COMPANY
JANUARY THROUGH DECEMBER, 2011

LINE 1	BEGINNING OF PERIOD BALANCE OF COMMON EQUITY		\$ 9,790,435,010
	END OF MONTH BALANCE OF COMMON EQUITY		
LINE 2	MONTH OF January	2011	\$ 9,478,891,430
LINE 3	MONTH OF February	2011	\$ 9,503,401,243
LINE 4	MONTH OF March	2011	\$ 9,576,318,630
LINE 5	MONTH OF April	2011	\$ 9,634,532,950
LINE 6	MONTH OF May	2011	\$ 9,751,104,180
LINE 7	MONTH OF June	2011	\$ 9,877,440,000
LINE 8	MONTH OF July	2011	\$ 10,141,769,850
LINE 9	MONTH OF August	2011	\$ 10,408,616,650
LINE 10	MONTH OF September	2011	\$ 10,534,065,750
LINE 11	MONTH OF October	2011	\$ 10,619,602,730
LINE 12	MONTH OF November	2011	\$ 10,795,195,300
LINE 13	MONTH OF December	2011	\$ 10,849,749,770
LINE 14	AVERAGE COMMON EQUITY FOR THE PERIOD (SUMMATION OF LINE1 THROUGH LINE 13 DIVIDED BY 13)		\$ 10,073,932,576
LINE 15	25 BASIS POINTS		0.0025
LINE 16	REVENUE EXPANSION FACTOR		61.3808%
LINE 17	MAXIMUM ALLOWED INCENTIVE DOLLARS (LINE 14 TIMES LINE 15 DIVIDED BY LINE 16)		\$ 41,030,471
LINE 18	JURISDICTIONAL SALES		103,327,441,000 KWH
LINE 19	TOTAL SALES		105,503,201,812 KWH
LINE 20	JURISDICTIONAL SEPARATION FACTOR (LINE 18 DIVIDED BY LINE 19)		97.94%
LINE 21	MAXIMUM ALLOWED JURISDICTIONAL INCENTIVE DOLLARS (LINE 17 TIMES LINE 20)		\$ 40,185,243

JANUARY THROUGH DECEMBER, 2011

DERIVATION OF SYSTEM ACTUAL GPIF POINTS

PLANT/UNIT	PERFORMANCE INDICATOR	WEIGHTING FACTOR %	UNIT POINTS	WEIGHTED UNIT POINTS
Ft. Myers 2	EAF	5.90	1.20	.0708
Ft. Myers 2	ANOHR	4.15	-10.00	-.4150
Martin 8	EAF	4.86	4.00	.1944
Martin 8	ANOHR	5.28	0.00	.0000
Manatee 3	EAF	4.98	-10.00	-.4980
Manatee 3	ANOHR	6.83	0.00	.0000
Sanford 4	EAF	3.23	10.00	.3230
Sanford 4	ANOHR	2.13	0.00	.0000
Sanford 5	EAF	3.15	0.00	.0000
Sanford 5	ANOHR	1.63	0.00	.0000
Scherer 4	EAF	3.03	7.00	.2121
Scherer 4	ANOHR	3.30	0.00	.0000
St. Lucie 1	EAF	7.11	10.00	.7110
St. Lucie 1	ANOHR	1.77	7.14	.1264
St. Lucie 2	EAF	8.29	5.71	.4734
St. Lucie 2	ANOHR	1.94	10.00	.1940
Turkey Point 3	EAF	8.50	0.67	.0570
Turkey Point 3	ANOHR	3.53	3.03	.1070
Turkey Point 4	EAF	7.59	10.00	.7590
Turkey Point 4	ANOHR	4.26	0.00	.0000
Turkey Point 5	EAF	3.98	-10.00	-.3980
Turkey Point 5	ANOHR	4.56	0.00	.0000

GPIF System Total:

100

1.92

ACTUAL EQUIVALENT AVAILABILITY AND ADJUSTMENTS

JANUARY THROUGH DECEMBER, 2011

1	2	3	4	5	6	7	8	9			
UNIT	ACTUAL				PLANNED OUTAGE ADJ TO EAF ⁽¹⁾	ADJUSTED ACTUAL EAF	TARGET EAF	POINTS FROM TABLES	ORIGINAL PLANNED OUTAGE DATES	ACTUAL OUTAGE DATES	ACTUAL FUEL SAVINGS/ (LOSS) (\$000)
	FOF	MOF	POF	EAF							
Ft. Myers 2	2.4	3.7	11.8	82.1	2.2	84.3	84.0	1.20	04/02/11 - 06/10/11; 04/02/11 - 04/15/11	4/1-6/27/11; 4/2-6/27/11; 4/28-5/15/11; 4/28-5/16/11 5/14-6/21/11; 5/15-5/28/11; 6/1-6/14/11; 5/29-6/13/11	730.0
Martin 8	0.6	5.9	11.6	81.9	0.4	82.3	81.3	4.00	04/23/11 - 05/13/11; 10/29/11 - 11/23/11 11/26/11 - 12/21/11	4/13-5/8/11; 4/13-5/9/11 & 11/20-12/20/11; 4/13-5/8/11 4/13-5/8/11; 4/14-5/8/11 & 11/19-12/21/11; 11/25-12/17/11	2,006.0
Manatee 3	3.8	8.1	10.8	77.4	0.7	78.1	84.9	-10.00	01/08/11 - 02/02/11	2/2-2/27/11 & 5/9-5/29/11; 4/12-5/31/11; 4/17-5/31/11 5/9-5/29/11; 5/9-5/30/11	(5,132.0)
Sanford 4	0.4	0.9	6.1	92.6	4.2	96.8	93.7	10.00	02/19/11 - 02/25/11	3/28-4/13/11; 3/28-4/13/11 & 7/31-8/6/11 3/28-4/13/11 & 8/7-8/14/11; 3/28-4/13/11 & 8/15-8/21/11 3/28-4/13/11 & 8/21-8/24/11 & 8/29-9/3/11	3,326.0
Sanford 5	0.4	3.3	1.9	94.4	0.0	94.4	94.4	0.00	06/11/11 - 06/17/11; 06/18/11 - 06/24/11 08/27/11 - 09/02/11	7/10-7/17/11; 7/17-7/23/11; 7/24-7/30/11 12/1-12/10/11	0.0
Scherer 4	1.3	1.4	6.3	91.0	-3.7	87.3	85.9	7.00	06/07/11 - 07/13/11	6/18-7/11/11	2,184.7
St. Lucie 1	3.8	0.1	12.1	84.0	-17.3	66.7	63.5	10.00	08/29/11 - 12/17/11	11/27-12/31/11	7,327.0
St. Lucie 2	7.5	0.5	28.9	63.1	5.7	68.8	66.8	5.71	01/03/11 - 03/26/11	1/2-5/8/11	4,880.3
Turkey Point 3	2.3	4.3	0.0	93.4	0.0	93.4	93.2	0.67	NONE	NONE	587.0
Turkey Point 4	2.8	0.0	15.7	81.5	0.6	82.1	78.5	10.00	03/19/11 - 05/13/11	3/21-5/16/11	7,822.0
Turkey Point 5	0.3	8.5	4.2	87.0	0.2	87.2	90.7	-10.00	03/05/11 - 03/11/11	2/20-3/2/11; 3/2-3/12/11; 8/21-9/1/11	(4,101.0)

19,629.984

(1) EQUIVALENT AVAILABILITY ADJUSTMENT DUE TO PLANNED OUTAGE ACTUAL DURATION VERSUS TARGET DURATION
SEE 6.203.006 FOR FORMULAS AND CALCULATION DATA

EQUIVALENT AVAILABILITY ADJUSTMENTS
 JANUARY THROUGH DECEMBER, 2011

PLANT / UNIT	ACTUAL				TARGETS		ADJUSTED ACTUAL EAF%
	PH	EFOH	EMOH	EPOH	POF%	EPOH	
Ft. Myers 2	8760	212.3	323.2	1035.5	9.4	823.0	84.3
Martin 8	8760	56.6	516.3	1013.4	11.1	972.0	82.3
Manatee 3	8760	328.5	706.2	943.0	10.0	876.0	78.1
Sanford 4	8760	32.2	79.0	534.5	1.9	166.0	96.8
Sanford 5	8760	35.2	287.3	168.6	1.9	166.0	94.4
Scherer 4	8760	117.7	121.3	553.4	10.1	885.0	87.3
St. Lucie 1	8760	336.0	8.8	1058.3	30.1	2640.0	66.7
St. Lucie 2	8760	656.9	41.4	2534.3	22.5	1968.0	68.8
Turkey Point 3	8760	201.5	378.8	0.0	0.0	0.0	93.4
Turkey Point 4	8760	248.0	0.0	1371.3	15.1	1320.0	82.1
Turkey Point 5	8760	27.3	743.8	369.2	4.0	350.0	87.2

$$\text{ADJ. ACTUAL EAF\%} = 100\% - \text{POF}_T - \frac{(\text{EFOH}_A + \text{EMOH}_A) \times \frac{\text{PH} - \text{EPOH}_T}{\text{PH} - \text{EPOH}_A}}{\text{PH}} \times 100\%$$

ADJUSTMENTS TO AVERAGE NET OPERATING HEAT RATES & ADJUSTMENTS SUMMARY
 JANUARY THROUGH DECEMBER, 2011

1	2	3	4	5	6	7	8	9		
UNIT	HEAT RATE ⁽¹⁾ FORMULA	ACTUAL		TARGET ⁽²⁾	ADJUST. ⁽³⁾	TARGET ⁽⁴⁾	ADJUST. ⁽⁵⁾	GPIF ⁽⁶⁾	ACTUAL	
		NOF %	ANOHR BTU/KWH	ANOHR AT ACTUAL NOF BTU/KWH	TO ANOHR BTU/KWH	ANOHR BTU/KWH	ANOHR BTU/KWH	POINTS FROM TABLE	FUEL SAV./ (LOSS) \$000	
Ft. Myers 2	ANOHR= -2.41 x NOF +	7,416	68.8	7,588	7,250	338	7,225	7,563	-10.00	(4273.0)
Martin 8	ANOHR= -5.11 x NOF +	7,530	77.4	7,079	7,134	-55	7,091	7,036	0.00	0.0
Manatee 3	ANOHR= -9.40 x NOF +	7,782	72.2	7,128	7,103	25	6,991	7,016	0.00	0.0
Sanford 4	ANOHR= -7.61 x NOF +	7,945	76.8	7,393	7,361	32	7,273	7,305	0.00	0.0
Sanford 5	ANOHR= -9.00 x NOF +	8,047	74.3	7,403	7,378	25	7,240	7,265	0.00	0.0
Scherer 4	ANOHR= -8.06 x NOF +	10,813	83.4	10,148	10,141	7	10,030	10,037	0.00	0.0
St. Lucie 1	ANOHR= -36.51 x NOF +	14,459	96.5	10,856	10,936	-80	11,348	11,268	7.14	1301.6
St. Lucie 2	ANOHR= -18.07 x NOF +	12,559	103.1	10,388	10,696	-308	10,822	10,514	10.00	2000.0
Turkey Point 3	ANOHR= -88.23 x NOF +	20,043	101.4	11,001	11,096	-95	11,608	11,513	3.03	1101.1
Turkey Point 4	ANOHR= -76.32 x NOF +	18,799	102.2	10,980	10,999	-19	11,495	11,476	0.00	0.0
Turkey Point 5	ANOHR= -11.26 x NOF +	7,949	72.0	7,146	7,138	8	7,017	7,025	0.00	0.0

129.724

- 1) THESE FORMULAS ARE AS APPROVED BY THE COMMISSION IN THE PROJECTION FILING AND ARE BASED ON MONTHLY ACTUAL DATA
- 2) CALCULATED FROM ANOHR FORMULA IN COLUMN 2 USING ACTUAL NOF IN COLUMN 3
- 3) ADJUSTMENT TO ANOHR=ACTUAL ANOHR - TARGET ANOHR AT ACTUAL NOF (COLUMN 6 = COLUMN 4 - COLUMN 5).
- 4) AT TARGET NOF AS APPROVED BY THE COMMISSION IN PROJECTED DATA.
- 5) AT TARGET NOF, ADJUSTED ACTUAL ANOHR = TARGET ANOHR + ADJUSTMENTS (COLUMN 8 = COLUMN 7 + COLUMN 6).
- 6) OBTAINED FROM THE GPIF POINT TABLES USING THE COMMISSION APPROVED TARGETS.

**GENERATING PERFORMANCE INCENTIVE POINTS TABLES
FLORIDA POWER & LIGHT COMPANY
PERIOD OF JANUARY THROUGH DECEMBER, 2011**

UNIT: Ft. Myers 2

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES
+10	6,083.00	86.5	+10	4273.00	7119
+9	5,474.70	86.3	+9	3845.70	7122
+8	4,866.40	86.0	+8	3418.40	7125
+7	4,258.10	85.8	+7	2991.10	7128
+6	3,649.80	85.5	+6	2563.80	7131
+5	3,041.50	85.3	+5	2136.50	7135
+4	2,433.20	85.0	+4	1709.20	7138
+3	1,824.90	84.8	+3	1281.90	7141
+2	1,216.60	84.5	+2	854.60	7144
+1	608.30	84.3	+1	427.30	7147
				0.00	7150
0	0.00	84.0	0	0.00	7225
				(0.00)	7300
-1	(-608.30)	83.8	-1	(-427.30)	7303
-2	(-1,216.60)	83.5	-2	(-854.60)	7306
-3	(-1,824.90)	83.3	-3	(-1281.90)	7309
-4	(-2,433.20)	83.0	-4	(-1709.20)	7312
-5	(-3,041.50)	82.8	-5	(-2136.50)	7316
-6	(-3,649.80)	82.5	-6	(-2563.80)	7319
-7	(-4,258.10)	82.3	-7	(-2991.10)	7322
-8	(-4,866.40)	82.0	-8	(-3418.40)	7325
-9	(-5,474.70)	81.8	-9	(-3845.70)	7328
-10	(-6,083.00)	81.5	-10	(-4273.00)	7331
					<- Adj. Act. HR=7563
	WEIGHTING FACTOR =	5.90		WEIGHTING FACTOR =	4.15

GENERATING PERFORMANCE INCENTIVE POINTS TABLES
 FLORIDA POWER & LIGHT COMPANY
 PERIOD OF JANUARY THROUGH DECEMBER, 2011

UNIT: Martin 8

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES
+10	5,015.00	83.8	+10	5440.00	6928
+9	4,513.50	83.6	+9	4896.00	6937
+8	4,012.00	83.3	+8	4352.00	6946
+7	3,510.50	83.1	+7	3808.00	6954
+6	3,009.00	82.8	+6	3264.00	6963
+5	2,507.50	82.6	+5	2720.00	6972
+4	2,006.00	82.3	+4	2176.00	6981
+3	1,504.50	82.1	+3	1632.00	6990
+2	1,003.00	81.8	+2	1088.00	6998
+1	501.50	81.6	+1	544.00	7007
				0.00	7016
					<- Adj. Act. HR=7036
0	0.00	81.3	0	0.00	7091
				(0.00)	7166
-1	(-501.50)	81.1	-1	(-544.00)	7175
-2	(-1,003.00)	80.8	-2	(-1088.00)	7184
-3	(-1,504.50)	80.6	-3	(-1632.00)	7192
-4	(-2,006.00)	80.3	-4	(-2176.00)	7201
-5	(-2,507.50)	80.1	-5	(-2720.00)	7210
-6	(-3,009.00)	79.8	-6	(-3264.00)	7219
-7	(-3,510.50)	79.6	-7	(-3808.00)	7228
-8	(-4,012.00)	79.3	-8	(-4352.00)	7236
-9	(-4,513.50)	79.1	-9	(-4896.00)	7245
-10	(-5,015.00)	78.8	-10	(-5440.00)	7254
	<u>WEIGHTING FACTOR =</u>	4.86		<u>WEIGHTING FACTOR =</u>	5.28

GENERATING PERFORMANCE INCENTIVE POINTS TABLES
 FLORIDA POWER & LIGHT COMPANY
 PERIOD OF JANUARY THROUGH DECEMBER, 2011

UNIT: Manatee 3

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES
+10	5,132.00	87.4	+10	7044.00	6784
+9	4,618.80	87.2	+9	6339.60	6797
+8	4,105.60	86.9	+8	5635.20	6810
+7	3,592.40	86.7	+7	4930.80	6824
+6	3,079.20	86.4	+6	4226.40	6837
+5	2,566.00	86.2	+5	3522.00	6850
+4	2,052.80	85.9	+4	2817.60	6863
+3	1,539.60	85.7	+3	2113.20	6876
+2	1,026.40	85.4	+2	1408.80	6890
+1	513.20	85.2	+1	704.40	6903
				0.00	6916
0	0.00	84.9	0	0.00	6991 <- Adj. Act. HR=7016
				(0.00)	7066
-1	(-513.20)	84.7	-1	(-704.40)	7079
-2	(-1,026.40)	84.4	-2	(-1408.80)	7092
-3	(-1,539.60)	84.2	-3	(-2113.20)	7106
-4	(-2,052.80)	83.9	-4	(-2817.60)	7119
-5	(-2,566.00)	83.7	-5	(-3522.00)	7132
-6	(-3,079.20)	83.4	-6	(-4226.40)	7145
-7	(-3,592.40)	83.2	-7	(-4930.80)	7158
-8	(-4,105.60)	82.9	-8	(-5635.20)	7172
-9	(-4,618.80)	82.7	-9	(-6339.60)	7185
-10	(-5,132.00)	82.4	-10	(-7044.00)	7198
			<- Adj. Act. EAF= 78.1		
WEIGHTING FACTOR =		4.98	WEIGHTING FACTOR =		6.83

GENERATING PERFORMANCE INCENTIVE POINTS TABLES
 FLORIDA POWER & LIGHT COMPANY
 PERIOD OF JANUARY THROUGH DECEMBER, 2011

UNIT: Sanford 4

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES	
+10	3,326.00	95.7	<- Adj. Act. EAF= 96.8	+10	2195.00	7174
+9	2,993.40	95.5		+9	1975.50	7176
+8	2,660.80	95.3		+8	1756.00	7179
+7	2,328.20	95.1		+7	1536.50	7181
+6	1,995.60	94.9		+6	1317.00	7184
+5	1,663.00	94.7		+5	1097.50	7186
+4	1,330.40	94.5		+4	878.00	7188
+3	997.80	94.3		+3	658.50	7191
+2	665.20	94.1		+2	439.00	7193
+1	332.60	93.9		+1	219.50	7196
					0.00	7198
0	0.00	93.7		0	0.00	7273 <- Adj. Act. HR=7305
					(0.00)	7348
-1	(-332.60)	93.5		-1	(-219.50)	7350
-2	(-665.20)	93.3		-2	(-439.00)	7353
-3	(-997.80)	93.1		-3	(-658.50)	7355
-4	(-1,330.40)	92.9		-4	(-878.00)	7358
-5	(-1,663.00)	92.7		-5	(-1097.50)	7360
-6	(-1,995.60)	92.5		-6	(-1317.00)	7362
-7	(-2,328.20)	92.3		-7	(-1536.50)	7365
-8	(-2,660.80)	92.1		-8	(-1756.00)	7367
-9	(-2,993.40)	91.9		-9	(-1975.50)	7370
-10	(-3,326.00)	91.7		-10	(-2195.00)	7372
	WEIGHTING FACTOR =	3.23			WEIGHTING FACTOR =	2.13

GENERATING PERFORMANCE INCENTIVE POINTS TABLES
 FLORIDA POWER & LIGHT COMPANY
 PERIOD OF JANUARY THROUGH DECEMBER, 2011

UNIT: Sanford 5

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES
+10	3,252.00	96.4	+10	1684.00	7150
+9	2,926.80	96.2	+9	1515.60	7152
+8	2,601.60	96.0	+8	1347.20	7153
+7	2,276.40	95.8	+7	1178.80	7155
+6	1,951.20	95.6	+6	1010.40	7156
+5	1,626.00	95.4	+5	842.00	7158
+4	1,300.80	95.2	+4	673.60	7159
+3	975.60	95.0	+3	505.20	7161
+2	650.40	94.8	+2	336.80	7162
+1	325.20	94.6	+1	168.40	7164
				0.00	7165
0	0.00	94.4 <- Adj. Act. EAF= 94.4	0	0.00	7240 <- Adj. Act. HR=7265
				(0.00)	7315
-1	(-325.20)	94.2	-1	(-168.40)	7317
-2	(-650.40)	94.0	-2	(-336.80)	7318
-3	(-975.60)	93.8	-3	(-505.20)	7320
-4	(-1,300.80)	93.6	-4	(-673.60)	7321
-5	(-1,626.00)	93.4	-5	(-842.00)	7323
-6	(-1,951.20)	93.2	-6	(-1010.40)	7324
-7	(-2,276.40)	93.0	-7	(-1178.80)	7326
-8	(-2,601.60)	92.8	-8	(-1347.20)	7327
-9	(-2,926.80)	92.6	-9	(-1515.60)	7329
-10	(-3,252.00)	92.4	-10	(-1684.00)	7330
WEIGHTING FACTOR =		3.15	WEIGHTING FACTOR =		1.63

GENERATING PERFORMANCE INCENTIVE POINTS TABLES
 FLORIDA POWER & LIGHT COMPANY
 PERIOD OF JANUARY THROUGH DECEMBER, 2011

UNIT: Scherer 4

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES	
+10	3,121.00	87.9	+10	3401.00	9725	
+9	2,808.90	87.7	+9	3060.90	9748	
+8	2,496.80	87.5	+8	2720.80	9771	
+7	2,184.70	87.3	+7	2380.70	9794	
+6	1,872.60	87.1	+6	2040.60	9817	
+5	1,560.50	86.9	+5	1700.50	9840	
+4	1,248.40	86.7	+4	1360.40	9863	
+3	936.30	86.5	+3	1020.30	9886	
+2	624.20	86.3	+2	680.20	9909	
+1	312.10	86.1	+1	340.10	9932	
				0.00	9955	
0	0.00	85.9	0	0.00	10030	<- Adj. Act. HR=10037
				(0.00)	10105	
-1	(-312.10)	85.7	-1	(-340.10)	10128	
-2	(-624.20)	85.5	-2	(-680.20)	10151	
-3	(-936.30)	85.3	-3	(-1020.30)	10174	
-4	(-1,248.40)	85.1	-4	(-1360.40)	10197	
-5	(-1,560.50)	84.9	-5	(-1700.50)	10220	
-6	(-1,872.60)	84.7	-6	(-2040.60)	10243	
-7	(-2,184.70)	84.5	-7	(-2380.70)	10266	
-8	(-2,496.80)	84.3	-8	(-2720.80)	10289	
-9	(-2,808.90)	84.1	-9	(-3060.90)	10312	
-10	(-3,121.00)	83.9	-10	(-3401.00)	10335	
	WEIGHTING FACTOR =	3.03		WEIGHTING FACTOR =	3.30	

GENERATING PERFORMANCE INCENTIVE POINTS TABLES
 FLORIDA POWER & LIGHT COMPANY
 PERIOD OF JANUARY THROUGH DECEMBER, 2011

UNIT: St. Lucie 1

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES	
+10	7,327.00	66.5	<- Adj. Act. EAF= 66.7	+10	1823.00	11266
+9	6,594.30	66.2		+9	1640.70	11267
+8	5,861.60	65.9		+8	1458.40	11267
+7	5,128.90	65.6		+7	1276.10	11268
+6	4,396.20	65.3		+6	1093.80	11269
+5	3,663.50	65.0		+5	911.50	11270
+4	2,930.80	64.7		+4	729.20	11270
+3	2,198.10	64.4		+3	546.90	11271
+2	1,465.40	64.1		+2	364.60	11272
+1	732.70	63.8		+1	182.30	11272
					0.00	11273
0	0.00	63.5		0	0.00	11348
					(0.00)	11423
-1	(-732.70)	63.2		-1	(-182.30)	11424
-2	(-1,465.40)	62.9		-2	(-364.60)	11424
-3	(-2,198.10)	62.6		-3	(-546.90)	11425
-4	(-2,930.80)	62.3		-4	(-729.20)	11426
-5	(-3,663.50)	62.0		-5	(-911.50)	11427
-6	(-4,396.20)	61.7		-6	(-1093.80)	11427
-7	(-5,128.90)	61.4		-7	(-1276.10)	11428
-8	(-5,861.60)	61.1		-8	(-1458.40)	11429
-9	(-6,594.30)	60.8		-9	(-1640.70)	11429
-10	(-7,327.00)	60.5		-10	(-1823.00)	11430
	WEIGHTING FACTOR =	7.11		WEIGHTING FACTOR =	1.77	

<- Adj. Act. HR=11268

GENERATING PERFORMANCE INCENTIVE POINTS TABLES
 FLORIDA POWER & LIGHT COMPANY
 PERIOD OF JANUARY THROUGH DECEMBER, 2011

UNIT: St. Lucie 2

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES	
+10	8,547.00	70.3	+10	2000.00	10657	<- Adj. Act. HR=10514
+9	7,692.30	70.0	+9	1800.00	10666	
+8	6,837.60	69.6	+8	1600.00	10675	
+7	5,982.90	69.3	+7	1400.00	10684	
+6	5,128.20	68.9	+6	1200.00	10693	
+5	4,273.50	68.6	+5	1000.00	10702	<- Adj. Act. EAF= 68.8
+4	3,418.80	68.2	+4	800.00	10711	
+3	2,564.10	67.9	+3	600.00	10720	
+2	1,709.40	67.5	+2	400.00	10729	
+1	854.70	67.2	+1	200.00	10738	
				0.00	10747	
0	0.00	66.8	0	0.00	10822	
				(0.00)	10897	
-1	(-854.70)	66.5	-1	(-200.00)	10906	
-2	(-1,709.40)	66.1	-2	(-400.00)	10915	
-3	(-2,564.10)	65.8	-3	(-600.00)	10924	
-4	(-3,418.80)	65.4	-4	(-800.00)	10933	
-5	(-4,273.50)	65.1	-5	(-1000.00)	10942	
-6	(-5,128.20)	64.7	-6	(-1200.00)	10951	
-7	(-5,982.90)	64.4	-7	(-1400.00)	10960	
-8	(-6,837.60)	64.0	-8	(-1600.00)	10969	
-9	(-7,692.30)	63.7	-9	(-1800.00)	10978	
-10	(-8,547.00)	63.3	-10	(-2000.00)	10987	
	WEIGHTING FACTOR =	8.29		WEIGHTING FACTOR =	1.94	

GENERATING PERFORMANCE INCENTIVE POINTS TABLES
 FLORIDA POWER & LIGHT COMPANY
 PERIOD OF JANUARY THROUGH DECEMBER, 2011

UNIT: Turkey Point 3

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES
+10	8,761.00	96.2	+10	3634.00	11467
+9	7,884.90	95.9	+9	3270.60	11474
+8	7,008.80	95.6	+8	2907.20	11480
+7	6,132.70	95.3	+7	2543.80	11487
+6	5,256.60	95.0	+6	2180.40	11493
+5	4,380.50	94.7	+5	1817.00	11500
+4	3,504.40	94.4	+4	1453.60	11507
+3	2,628.30	94.1	+3	1090.20	11513
+2	1,752.20	93.8	+2	726.80	11520
+1	876.10	93.5	+1	363.40	11526
				0.00	11533
0	0.00	93.2	<- Adj. Act. EAF= 93.4	0.00	11608
				(0.00)	11683
-1	(-876.10)	92.9	-1	(-363.40)	11690
-2	(-1,752.20)	92.6	-2	(-726.80)	11696
-3	(-2,628.30)	92.3	-3	(-1090.20)	11703
-4	(-3,504.40)	92.0	-4	(-1453.60)	11709
-5	(-4,380.50)	91.7	-5	(-1817.00)	11716
-6	(-5,256.60)	91.4	-6	(-2180.40)	11723
-7	(-6,132.70)	91.1	-7	(-2543.80)	11729
-8	(-7,008.80)	90.8	-8	(-2907.20)	11736
-9	(-7,884.90)	90.5	-9	(-3270.60)	11742
-10	(-8,761.00)	90.2	-10	(-3634.00)	11749
WEIGHTING FACTOR =		8.50	WEIGHTING FACTOR =		3.53

<- Adj. Act. HR=11513

GENERATING PERFORMANCE INCENTIVE POINTS TABLES
 FLORIDA POWER & LIGHT COMPANY
 PERIOD OF JANUARY THROUGH DECEMBER, 2011

UNIT: Turkey Point 4

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES	
+10	7,822.00	81.5	<- Adj. Act. EAF= 82.1	+10	4395.00	11304
+9	7,039.80	81.2		+9	3955.50	11316
+8	6,257.60	80.9		+8	3516.00	11327
+7	5,475.40	80.6		+7	3076.50	11339
+6	4,693.20	80.3		+6	2637.00	11350
+5	3,911.00	80.0		+5	2197.50	11362
+4	3,128.80	79.7		+4	1758.00	11374
+3	2,346.60	79.4		+3	1318.50	11385
+2	1,564.40	79.1		+2	879.00	11397
+1	782.20	78.8		+1	439.50	11408
					0.00	11420
						<- Adj. Act. HR=11476
0	0.00	78.5		0	0.00	11495
					(0.00)	11570
-1	(-782.20)	78.2		-1	(-439.50)	11582
-2	(-1,564.40)	77.9		-2	(-879.00)	11593
-3	(-2,346.60)	77.6		-3	(-1318.50)	11605
-4	(-3,128.80)	77.3		-4	(-1758.00)	11616
-5	(-3,911.00)	77.0		-5	(-2197.50)	11628
-6	(-4,693.20)	76.7		-6	(-2637.00)	11640
-7	(-5,475.40)	76.4		-7	(-3076.50)	11651
-8	(-6,257.60)	76.1		-8	(-3516.00)	11663
-9	(-7,039.80)	75.8		-9	(-3955.50)	11674
-10	(-7,822.00)	75.5		-10	(-4395.00)	11686
	WEIGHTING FACTOR =	7.59		WEIGHTING FACTOR =	4.26	

**GENERATING PERFORMANCE INCENTIVE POINTS TABLES
FLORIDA POWER & LIGHT COMPANY
PERIOD OF JANUARY THROUGH DECEMBER, 2011**

UNIT: Turkey Point 5

EQUIVALENT AVAILABILITY POINTS	FUEL SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES
+10	4,101.00	92.7	+10	4698.00	6876
+9	3,690.90	92.5	+9	4228.20	6883
+8	3,280.80	92.3	+8	3758.40	6889
+7	2,870.70	92.1	+7	3288.60	6896
+6	2,460.60	91.9	+6	2818.80	6902
+5	2,050.50	91.7	+5	2349.00	6909
+4	1,640.40	91.5	+4	1879.20	6916
+3	1,230.30	91.3	+3	1409.40	6922
+2	820.20	91.1	+2	939.60	6929
+1	410.10	90.9	+1	469.80	6935
				0.00	6942
0	0.00	90.7	0	0.00	7017 <- Adj. Act. HR=7025
				(0.00)	7092
-1	(-410.10)	90.5	-1	(-469.80)	7099
-2	(-820.20)	90.3	-2	(-939.60)	7105
-3	(-1,230.30)	90.1	-3	(-1409.40)	7112
-4	(-1,640.40)	89.9	-4	(-1879.20)	7118
-5	(-2,050.50)	89.7	-5	(-2349.00)	7125
-6	(-2,460.60)	89.5	-6	(-2818.80)	7132
-7	(-2,870.70)	89.3	-7	(-3288.60)	7138
-8	(-3,280.80)	89.1	-8	(-3758.40)	7145
-9	(-3,690.90)	88.9	-9	(-4228.20)	7151
-10	(-4,101.00)	88.7	-10	(-4698.00)	7158
	WEIGHTING FACTOR =	3.98		WEIGHTING FACTOR =	4.56

ACTUAL PLANNED OUTAGES
 FLORIDA POWER & LIGHT COMPANY
 JANUARY THROUGH DECEMBER, 2011

PLANT/UNIT	ACTUAL PLANNED OUTAGE DATE	REASON FOR OUTAGE
Ft. Myers 2	4/1-6/27/11; 4/2-6/27/11; 4/28-5/15/11; 4/28-5/16/11	ST1 planned outage; ST2 LP rotor and generator overhaul; 2E CT and 2F CT Hot Gas Path inspections
Martin 8	5/14-6/21/11; 5/15-5/28/11; 6/1-6/14/11; 5/29-6/13/11	2A CT, 2B CT, 2C CT and 2D CT Hot Gas Path inspections
Manatee 3	4/13-5/8/11; 4/13-5/9/11 & 11/20-12/20/11; 4/13-5/8/11	ST generator inspection and turbine valves overhaul; 8D CT planned outage; 8A CT planned outage
	4/13-5/8/11; 4/14-5/8/11 & 11/19-12/21/11; 11/25-12/17/11	8B CT planned outage; 8C CT planned outage; 8A CT planned outage
	2/2-2/27/11 & 5/9-5/29/11; 4/12-5/31/11; 4/17-5/31/11	3D CT Major overhaul and steam major valves; 3B CT Major overhaul; 3A CT Major overhaul
	5/9-5/29/11; 5/9-5/30/11	3C CT Major overhaul; 3ST major steam valve inspection
Sanford 4	3/28-4/13/11; 3/28-4/13/11 & 7/31-8/6/11	4ST outage to repair steam turbine bearing; 4A CT outage and HRSG inspection
	3/28-4/13/11 & 8/7-8/14/11; 3/28-4/13/11 & 8/15-8/21/11	4B CT outage and HRSG inspection; 4C CT outage and HRSG inspection
	3/28-4/13/11 & 8/21-8/24/11 & 8/29-9/3/11	4D CT outage and HRSG inspection
Sanford 5	7/10-7/17/11; 7/17-7/23/11; 7/24-7/30/11	5B CT HRSG inspection; 5A CT HRSG inspection; 5C CT HRSG inspection
	12/1-12/10/11	5D CT HRSG inspection
Scherer 4	6/18-7/11/11	Major turbine overhaul
St. Lucie 1	11/27-12/31/11	Refueling outage and EPU modifications
St. Lucie 2	1/2-5/8/11	Refueling outage and EPU modifications
Turkey Point 3	NONE	
Turkey Point 4	3/21-5/16/11	Refueling outage and EPU modifications
Turkey Point 5	2/20-3/2/11; 3/2-3/12/11; 8/21-9/1/11	5B CT & 5C CT planned outage; 5D CT planned outage; 5A CT Minor outage