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March 15, 2013

# -VIA HAND DELIVERY -

Ms. Ann Cole, Director Commission Clerk Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850

> Docket No. 130001-EI Re:

Dear Ms. Cole:

I am enclosing for filing in the above docket the following:

- 1. The original and seven (7) copies of Florida Power & Light Company's ("FPL") Petition for Approval of GPIF Results for the Period January 2012 through December 2012.
- 2. The original and fifteen (15) copies of the prefiled testimony and exhibits of FPL witness J. Carine Bullock. Ms. Bullock's testimony provides and supports the GPIF results set forth in the enclosed petition.

Also included herewith is a CD containing an electronic file of FPL's Petition for Approval of GPIF Results for the Period January 2012 through December 2012.

If there are any questions regarding this transmittal, please contact me at 561-304-5639. 5 (testimony only) AFD APA **ECO** ENG GCL John T. Butler IDM TEL Enclosure Counsel for Parties of Record (w/encl.) Stestimony only

DOCUMENT NUMBER-DATE

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FPSC-COMMISSION CLERK

# BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

IN RE: Fuel and Purchase Power	)	Docket No. 130001-El
Cost Recovery Clause and Generating	)	
Performance Incentive Factor	)	Filed: March 15, 2013

# PETITION FOR APPROVAL OF GPIF RESULTS FOR THE PERIOD JANUARY 2012 THROUGH DECEMBER 2012

Florida Power & Light Company ("FPL") hereby Petitions this Commission for approval of a Generating Performance Incentive Factor ("GPIF") reward of \$22,045,401 for the period January 2012 through December 2012. In support of this Petition, FPL states as follows:

By Order No. PSC-11-0579-FOF-EI dated December 16, 2011, the Commission approved GPIF Targets for FPL for the period January 2012 through December 2012. The application of the GPIF formula to FPL's performance during that period produces a reward of \$22,045,401. The calculation of FPL's GPIF reward is discussed and supported in the prepared testimony and exhibits of FPL witness J. Carine Bullock, which are being filed with and incorporated in this Petition.

Additionally, witness Bullock explains adjustments that FPL proposes to the Heat Rates, Net Output Factors and Forced Outage Factors of St. Lucie 1, St. Lucie 2 and Turkey Point 3 to address the impact on their operation resulting from the Extended Power Uprates (EPU). The effect of the proposed adjustments is to reduce the 2012 GPIF reward. This reduction is reflected in the reward of \$22,045,401 for which FPL seeks approval.

WHEREFORE, Florida Power & Light Company respectfully requests the Commission to approve \$22,045,401 as FPL's GPIF reward for the period January 2012 through December 2012 and include this amount in the calculation of the Fuel Cost Recovery Factor for the period beginning January 2014.

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FPSC-COMMISSION CLERK

# Respectfully submitted,

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John T. Butler, Esq.
Managing Attorney
Florida Power & Light Company
700 Universe Boulevard
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BY:

John T. Butler

Fla. Bar No. 283479

# CERTIFICATE OF SERVICE Docket No. 130001-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing Florida Power and Light Company Petition for Approval of GPIF Results for the Period January 2012 Through December 2012 has been furnished by hand delivery(\*) or U.S. Mail on the 15<sup>th</sup> day of March, 2013, to the following:

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By:

John T. Butler

Fla. Bar No. 283479

# BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

# DOCKET NO. 130001-EI FLORIDA POWER & LIGHT COMPANY

**MARCH 15, 2013** 

# GENERATING PERFORMANCE INCENTIVE FACTOR PERFORMANCE RESULTS FOR

**JANUARY 2012 THROUGH DECEMBER 2012** 

**TESTIMONY & EXHIBITS OF:** 

J. CARINE BULLOCK

1		BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
2		FLORIDA POWER & LIGHT COMPANY
3		TESTIMONY OF J. CARINE BULLOCK
4		DOCKET NO. 130001-EI
5		MARCH 15, 2013
6		
7	Q.	Please state your name and business address.
8	A.	My name is J. Carine Bullock, and my business address is 700 Universe
9		Boulevard, Juno Beach, Florida 33408.
10	Q.	By whom are you currently employed and in what capacity?
11	A.	I am employed by Florida Power & Light Company ("FPL") and I am the
12		Vice President of Production Assurance and Business Services in the Power
13		Generation Division of FPL, where I am responsible for providing production
14		process standardization and commercial support for FPL's fossil generating
15		assets.
16	Q.	Have you previously testified in predecessors to this docket?
17	A.	Yes, I have.
18	Q.	What is the purpose of your testimony?
19	A.	The purpose of my testimony is to report actual 2012 performance for
20		Equivalent Availability Factor (EAF) and Average Net Operating Heat Rate
21		(ANOHR) for the ten generating units used to determine the Generating
22		Performance Incentive Factor (GPIF). In addition, I will explain adjustments
23		that EPL proposes to the heat rate, net output factor (NOF) and Forced Outage

- 1 Factor (FOF) of St. Lucie 1 (PSL1), St. Lucie 2 (PSL2) and Turkey Point 3 2 (PTN3) to address the impact on their operation resulting from the Extended 3 Power Uprates (EPU). I have compared the performance of each unit to the 4 targets approved in Commission Order No. PSC-11-0579-FOF-EI issued 5 December 16, 2011, for the period January through December 2012, and 6 performed the reward/penalty calculations prescribed by the GPIF Manual. 7 My testimony presents the result of these calculations: \$49,043,472 of fuel 8 savings to FPL's customers as a result of the availability and efficiency of 9 FPL's GPIF generating units, and a GPIF reward of \$22,045,401 that reflects 10 FPL's proposed adjustment to PSL1, PSL2 and PTN3 heat rates, NOFs and 11 FOFs.
- 12 Q. Have you prepared, or caused to have prepared under your direction, 13 supervision, or control any exhibits in this proceeding?
- 14 A. Yes. Exhibit JCB-1 shows the reward/penalty calculations. Page 1 of Exhibit JCB-1 is an index to the contents of the exhibit.
- Q. Please explain how the total GPIF reward/penalty amount was calculated
   in general terms.
- A. The steps involved in making this calculation are provided in Exhibit JCB-1.

  Page 2 provides the GPIF Reward/Penalty Table (Actual), which shows an overall GPIF performance point value of +4.75, \$49,043,472 in fuel savings and an adjusted GPIF reward of \$22,045,401. Page 3 provides the calculation of the maximum allowed incentive dollars. The calculation of the system actual GPIF performance points is shown on page 4. This page lists each

GPIF unit, the unit's performance indicators (EAF and ANOHR), the weighting factors, and the associated GPIF points.

Page 5 is the actual EAF and adjustments summary. This page, in columns 1 through 5, lists each of the ten GPIF units, the actual outage factors and the actual EAF for the fossil units and Turkey Point 4 (PTN4) and the proposed adjustment to actual FOF for PSL1, PSL2 and PTN3 that is explained later in my testimony. Column 6 is the adjustment for planned outage variation. Column 7 is the adjusted actual EAF, which is calculated on page 6. Column 8 is the target EAF. Column 9 contains the Generating Performance Incentive Points for availability as determined by interpolating from the tables shown on pages 8 through 17. These tables are based on the targets and target ranges submitted to, and approved by, the Commission.

Continuing with Exhibit JCB-1, Page 7 shows the adjustments to ANOHR. For each of the ten units, it shows, in columns 2 through 4, the target heat rate formula, the actual NOF and ANOHR for the fossil units and Turkey Point 4 and the proposed modification to actual NOF and ANOHR for PSL1, PSL2 and PTN3 that is explained later in my testimony. Since heat rate varies with NOF, it is necessary to determine both the target and actual heat rates at the same NOF. This adjustment provides a common basis for comparison purposes and is shown numerically for each GPIF unit in columns 5 through 8. Column 9 contains the Generating Performance Incentive Points as

1		determined by interpolating from the tables shown on pages 8 through 17.
2		These tables are based on the targets and target ranges submitted to, and
3		approved by, the Commission.
4	Q.	Please explain the primary reason or reasons why FPL will receive a
5		reward under the GPIF for the January through December 2012 period.
6	A.	The primary reason that FPL will receive a reward for the period was that
7		adjusted actual EAFs for St. Lucie 1 and 2, Turkey Point 3 and 4, and five of
8		the fossil units were each better than target.
9	Q.	Please summarize each nuclear unit's performance as it relates to the
10		EAF of the units.
11	A.	St. Lucie Unit 1 operated at an adjusted actual EAF of 72.5%, compared to its
12		target of 68.7%. This results in a +10.0 point reward, which corresponds to a
13		GPIF reward of \$4,420,026.
14		
15		St. Lucie Unit 2 operated at an adjusted actual EAF of 66.9%, compared to its
16		target of 60.1%. This results in a +10.0 point reward, which corresponds to a
17		GPIF reward of \$2,467,423.
18		
19		Turkey Point Unit 3 operated at an adjusted actual EAF of 55.0% compared to
20		its target of 49.9%. This results in a +10.0 point reward, which corresponds to
21		a GPIF reward of \$2,796,722.
22		

1		Turkey Point Unit 4 operated at an adjusted actual EAF of 84.4% compared to
2		its target of 78.0%. This results in a +10.0 point reward, which corresponds to
3		a GPIF reward of \$3,506,337.
4		
5		In total, the combined nuclear units' EAF performance results in a net GPIF
6		reward of \$13,190,508.
7	Q.	Please summarize each nuclear unit performance as it relates to the
8		ANOHR of the units.
9	A.	By utilizing the three-year average for ANOHR and NOF that is explained
0		later in my testimony, the St. Lucie Unit 1 adjusted actual ANOHR results in
1		10,705 Btu/kWh compared to its target of 10,771 Btu/kWh. This ANOHR is
12		within the ±75 Btu/kWh dead band around the projected target; therefore,
3		there is no GPIF reward or penalty.
4		
5		By utilizing the three-year average for ANOHR and NOF, the St. Lucie Unit
6		2 adjusted actual ANOHR results in 10,643 Btu/kWh compared to its target of
7		10,724 Btu/kWh. This results in a +1.32 point reward, which corresponds to a
8		GPIF reward of \$120,588.
9		
20		By utilizing the three-year average for ANOHR and NOF, the Turkey Point
21		Unit 3 adjusted actual ANOHR results in 10,797 Btu/kWh compared to its
22		target of 10,875 Btu/kWh. This results in a +0.46 point reward, which
23		corresponds to a GPIF reward of \$53,801.

I		
2		The Turkey Point Unit 4 adjusted actual ANOHR is 11,304 Btu/kWh
3		compared to its target of 11,263 Btu/kWh. This ANOHR is within the ±75
4		Btu/kWh dead band around the projected target; therefore, there is no GPIF
5		reward or penalty.
6		
7		In total, the combined nuclear units' heat rate performance results in a GPIF
8		reward of \$174,389 when FPL's proposed modification to reflect the three-
9		year average for ANOHR and NOF is used.
10	Q.	What is the total GPIF reward for FPL's nuclear units?
11	A.	\$13,364,897.
12	Q.	Please summarize the performance of FPL's fossil units.
13	A.	Regarding EAF performance, five of the six fossil generating units performed
14		better than their availability targets resulting in a reward of \$6,527,075 while
15		the remaining unit performed worse than its availability target resulting in a
16		penalty of \$264,367. Thus, the combined fossil units' availability performance
17		results in a net GPIF reward of \$6,262,708.
18		
19		Regarding ANOHR, one out of the six fossil units (Martin 8) operated with an
20		ANOHR that was below the $\pm 75$ Btu/kWh dead band, resulting in a reward.
21		However, the low actual ANOHR is due in part to the energy input from
22		Martin Solar. In contrast, the ANOHR target is based on three years of Martin
23		8 operations before the solar energy input was as substantial as it was in 2012

0	0.	What is the total GPIF reward/penalty for FPL's fossil units?
9		fossil units' heat rate performance results in a net GPIF reward of \$2,417,796.
8		band and so received no incentive reward or penalty. Thus, the combined
7		fossil units operated with ANOHRs that were within the ±75 Btu/kWh dead
6		input, this type of adjustment will no longer be needed. The remaining five
5		Once there have been three years of Martin 8 operations with substantial solar
4		Martin 8 reward is \$2,417,796, reflecting a reduction of more than \$912,000.
3		to the operations during the target-setting period. With this adjustment, the
2		the effect of Martin Solar energy input, so that it is more directly comparable
1		and is today. Accordingly, FPL has adjusted the Martin 8 ANOHR to exclude

# 10

- 11 The net GPIF availability performance reward of \$6,262,708 plus the net A. 12 GPIF heat rate performance reward of \$2,417,796 results in a total GPIF 13 reward for FPL's fossil units of \$8,680,504.
- 14 Q. To recap, what is the total GPIF result for the period January through 15 December 2012?
- 16 The total GPIF result for the period January through December 2012 is A. 17 \$49,043,472 of fuel savings to FPL's customers as a result of the availability 18 and efficiency of FPL's GPIF generating units, and a GPIF reward of 19 \$22,045,401.
- 20 Q. Is FPL proposing an adjustment to the reward/penalty calculations for 21 PSL1, PSL2 and PTN3?
- 22 Yes. FPL believes that this adjustment is reasonable and appropriate in order A. 23 to address a statistical anomaly that I will discuss below. The effect of the

adjustment is to lower the 2012 GPIF heat rate reward for PSL1, PSL2 and PTN3.

# 3 Q. Please explain the reason for FPL's proposed adjustment.

A. In order to explain the adjustment, it will be useful first to briefly describe how achieved heat rates are compared to target heat rates for the purpose of determining GPIF rewards or penalties.

Because the achievable heat rate for a generating unit is dependent in part on the NOF at which the unit is operating (i.e., generally, operation at full load is more efficient than operation at partial load), the GPIF methodology provides for adjustments to the ANOHR of the GPIF units once the actual heat rate and net output factor are known at the end of the projection period. (Page 4.214, Paragraph 2.3.7 of the GPIF manual). This adjustment is made based on a curve that correlates expected ANOHR with NOF based on regression analysis. While the details of the calculation are complex, the effect of the adjustment is to express the actual ANOHR and the target ANOHR at the same NOF, so that the reward/penalty determination will properly reflect the utility's success in operating the units efficiently rather than simply the differences in efficiency due to the actual NOF being different than what was projected at the time the targets were set.

Normally, regression analysis is an appropriate and effective basis for developing the correlation curves between ANOHR and NOF, because the

actual NOF falls within or at least very close to the range of NOF values from which the regression equations are determined. However, due to the number and duration of periods when PSL1, PSL2 and PTN3 were operated at partial load for testing purposes as a result of the EPUs, the 2012 actual NOFs were considerably lower than normal for those three units. These NOFs fall well outside the range of the NOFs from which the regression equations were calculated and consequently do not provide a statistically valid basis for adjusting the actual ANOHR as prescribed by the GPIF methodology. The Turkey Point 4 (PTN4) ANOHR and NOF were not significantly affected by the EPU since this outage did not start until late in the year and the unit stayed off-line for EPU work for the remainder of 2012. Hence, the unit did not operate at a reduced NOF for testing purposes in 2012 as was the case for the other three nuclear units, and therefore no adjustment was necessary to the ANOHR and NOF of this unit.

- Q. How does FPL propose to perform the GPIF ANOHR reward/penalty calculations for PSL1, PSL2 and PTN3 in the absence of statistically valid correlation curves?
- PSL1, PSL2 and PTN3 and used those values as a proxy to represent their 20 2012 performance. A three-year time frame was chosen since it is consistent with the time frame used in developing GPIF heat rate targets. FPL believes this is a reasonable approach in the absence of a reliable basis for performing the calculation using actual 2012 performance.

- Q. What is the impact on the total reward amount of using the three-year actual ANOHR and NOF performance for these nuclear units?
- 3 A. FPL's proposed adjustment reduces the 2012 GPIF reward by \$2.9 million.
- 4 Q. Did FPL also make an adjustment to the availability (EAF)
- 5 reward/penalty calculations for PSL1, PSL2 and PTN3 to reflect the
- 6 impact of the EPUs?

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A.

Yes. The GPIF reward/penalty calculation for availability does not have a direct counterpart to the need to correlate ANOHR and NOF in the GPIF reward/penalty calculation for heat rate. Therefore, there is no regression equation and no concern about statistical validity. Nonetheless, FPL closely scrutinized the manner in which EAF is calculated to determine whether any form of adjustment for the impact of the EPU outages would be warranted. FPL focused on whether the forced outage factors (FOFs) and maintenance outage factors (MOFs) that are used in determining EAF for the nuclear units might be unrepresentatively low as a result of the EPU outages, which would tend to increase the calculated reward. The reason for this focus is that FOF and MOF reflect, respectively, the number of forced outage hours and maintenance outage hours during the year, divided by the total number of hours in the year (8,784 hours in 2012). Because PSL1, PSL2 and PTN3 were out of service for extended periods in 2012 due to the EPUs and would have had no opportunity for either forced or maintenance outages during those periods, FPL was concerned that using the full 8,784 hours as the denominator might result in calculated FOFs and MOFs that were lower than what one would reasonably expect if the units had operated throughout the year. As noted earlier, PTN4 was offline for its EPU outage during only a small portion of 2012 and hence the denominators in the FOF and MOF calculations would not be significantly affected.

FPL recalculated the FOFs for PSL1, PSL2 and PTN3 using the actual number of hours that each unit was available to be in service (i.e., net of the EPU outage hours). This re-calculation resulted in modest increases in the FOFs for PSL1, PSL2 and PTN3. The MOFs for these units were zero, so they were unaffected by the re-calculation (i.e., because the numerators were zero, reducing the denominators could not affect the resulting factors). I should point out that the FOF and MOF for PTN4 were both zero and likewise would have been unaffected by an adjustment to their denominators.

The increased FOFs for PSL1, PSL2 and PTN3 did not affect the reward calculation, because each of those nuclear units received the maximum allowed EAF reward with or without the increases. Rather, what this exercise confirmed was that the nuclear units had excellent reliability performance in 2012 before and after the EPUs. It is very common that the initial period of operation following extensive modifications to a nuclear unit (or any piece of complex equipment) will entail a series of minor outages to address "infant mortality" issues on the new equipment. Such outages would increase the FOF and/or MOF for the unit. Instead, the performance of these nuclear units

- in 2012 after they returned from the EPU outages was strong, notwithstanding
- 2 the extensive, unprecedented scope of the EPU work that was performed.
- 3 Under these circumstances, the GPIF reward for nuclear unit availability is
- 4 well deserved.
- 5 Q. Does this conclude your testimony?
- 6 A. Yes.

GENERATING PERFORMANCE INCENTIVE FACTOR

JANUARY THROUGH DECEMBER, 2012

JCB-1

**DOCKET NO. 130001-EI** 

FPL Witness: J. Carine Bullock

Exhibit No.: \_

Pages 1 - 18 March 15, 2013

# FLORIDA POWER & LIGHT COMPANY

# JANUARY THROUGH DECEMBER, 2012

INDEX OF MANUAL PAGES	TITLES
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 - 6.203.017	GPIF Units Points Tables
6.203.018	Planned Outages Schedule (Actual)

Exhibit No.: \_\_

## GENERATING PERFORMANCE INCENTIVE FACTOR

# REWARD/PENALTY TABLE ( ACTUAL )

## FLORIDA POWER & LIGHT COMPANY JANUARY THROUGH DECEMBER, 2012

GENERATNG PERFORMANCE INCENTIVE POINTS (GPIF)	FUEL SAVINGS/(LOSS) (\$000)	GENERATING PERFORMANCE INCENTIVE FACTOR (\$000)
+ 10	91,083	46,380
+ 9	81,975	41,742
+ 8	72,866	37,104
+ 7	63,758	32,466
+ 6	54,650	27,828
+ 5 < 4.75	45,542 < 49,043.472	23,190 < 22,045.401
+ 4	36,433	18,552
+ 3	27,325	13,914
+ 2	18,217	9,276
+ 1	9,108	4,638
0	0	0
- 1	(9,108)	(4,638)
- 2	(18,217)	(9,276)
- 3	(27,325)	(13,914)
- 4	(36,433)	(18,552)
- 5	(45,542)	(23,190)
- 6	(54,650)	(27,828)
- 7	(63,758)	(32,466)
- 8	(72,866)	(37,104)
- 9	(81,975)	(41,742)
- 10	(91,083)	(46,380)

Issued by: Florida Power & Light Company

JCB-1, DOCKET NO. 130001-EI FPL Witness: J. Carine Bullock

Exhibit No.: \_

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#### GENERATING PERFORMANCE INCENTIVE FACTOR

## CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

## ACTUAL

# FLORIDA POWER & LIGHT COMPANY JANUARY THROUGH DECEMBER, 2012

LINE 1	BEGINNING OF PERIOD BALANCE O END OF MONTH BALANCE OF COMM	\$ 10	,849,749,770	
LINE 2	MONTH OF January	2012	\$ 10	,983,930,940
LINE 3	MONTH OF February	2012	\$ 11	,043,325,330
LINE 4	MONTH OF March	2012	\$ 11	,128,965,610
LINE 5	MONTH OF April	2012	\$ 11	,196,334,650
LINE 6	MONTH OF May	2012	\$ 11	,333,068,500
LINE 7	MONTH OF June	2012	\$ 11	,681,736,330
LINE 8	MONTH OF July	2012	\$ 11	,828,681,570
LINE 9	MONTH OF August	2012	\$ 11	,987,094,020
LINE 10	MONTH OF September	2012	\$ 12	2,073,906,876
LINE 11	MONTH OF October	2012	\$ 12	,172,856,430
LINE 12	MONTH OF November	2012	\$ 12	2,463,562,700
LINE 13	MONTH OF December	2012	\$ 12	2,530,193,155
LINE 14	AVERAGE COMMON EQUITY FOR THE (SUMMATION OF LINE1 THROUGH L		\$ 11	,636,415,837
LINE 15	25 BASIS POINTS			0.0025
LINE 16	REVENUE EXPANSION FACTOR			61.3808%
LINE 17	MAXIMUM ALLOWED INCENTIVE DO (LINE 14 TIMES LINE 15 DIVIDED BY		\$	47,394,364
LINE 18	JURISDICTIONAL SALES		102	2,225,549,000 KWH
LINE 19	TOTAL SALES		104	1,462,720,986 KWH
LINE 20	JURISDICTIONAL SEPARATION FAC (LINE 18 DIVIDED BY LINE 19)	TOR		97.86%
LINE 21	MAXIMUM ALLOWED JURISDICTION (LINE 17 TIMES LINE 20)	AL INCENTIVE DOLLARS	\$	46,380,125

Issued by: Florida Power & Light Company

JCB-1, DOCKET NO. 130001-EI FPL Witness: J. Carine Bullock

Exhibit No.: \_

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# JANUARY THROUGH DECEMBER, 2012

# DERIVATION OF SYSTEM ACTUAL GPIF POINTS

	PERFORMANCE	WEIGHTING	UNIT	WEIGHTED UNIT
PLANT/UNIT	INDICATOR	FACTOR %	POINTS	POINTS
Ft. Myers 2	EAF	6.90	5.60	.3864
Ft. Myers 2	ANOHR	3.51	0.00	.0000
Martin 8	EAF	5.86	3.20	.1875
Martin 8	ANOHR	7.18	7.26	.5213
Manatee 3	EAF	5.84	6.00	.3504
Manatee 3	ANOHR	6.42	0.00	.0000
Sanford 4	EAF	3.80	-1.50	0570
Sanford 4	ANOHR	3.19	0.00	.0000
Scherer 4	EAF	4.38	10.00	.4380
Scherer 4	ANOHR	2.17	0.00	.0000
St. Lucie 1	EAF	9.53	10.00	.9530
St. Lucie 1	ANOHR	2.19	0.00	.0000
St. Lucie 2	EAF	5.32	10.00	.5320
St. Lucie 2	ANOHR	1.97	1.32	.0260
Turkey Point 3	EAF	6.03	10.00	.6030
Turkey Point 3	ANOHR	2.53	0.46	.0116
Turkey Point 4	EAF	7.56	10.00	.7560
Turkey Point 4	ANOHR	4.50	0.00	.0000
Turkey Point 5	EAF	5.62	0.80	.0450
Turkey Point 5	ANOHR	5.50	0.00	.0000

GPIF System Total:	100	4.75

Issued by: Florida Power & Light Company

JCB-1, DOCKET NO. 130001-EI

Exhibit No.: \_\_

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#### ACTUAL EQUIVALENT AVAILABILITY AND ADJUSTMENTS

#### JANUARY THROUGH DECEMBER, 2012

1	2	3	4	5	6	7	8	9			
ACTUAL		PLANNED - OUTAGE	ADJUSTED		POINTS	ORIGINAL PLANNED	ACTUAL	ACTUAL FUEL SAVINGS/			
UNIT	FOF	MOF	POF	EAF	ADJ TO EAF <sup>(1)</sup>	ACTUAL EAF	TARGET EAF	FROM TABLES	OUTAGE DATES	OUTAGE DATES	(LOSS) (\$000)
Ft. Myers 2	0.3	4.8	1.9	93.0	0.0	93.0	91.6	5.60	02/04/12 - 02/10/12; 02/11/12 - 02/17/12 02/12/12 - 02/18/12; 02/19/12 - 02/25/12	10/21/12-10/28/12; 10/20/12-10/27/12 12/10/12-12/16/12; 12/11/12-12/17/12 10/29/12-11/05/12; 10/28/12-11/04/12	3,519.0
Martin 8	1.5	4.4	2.5	91.6	0.6	92.2	91.4	3.20	11/26/12 - 12/23/12	9/22/12-9/29/12; 10/22/12-11/21/12	1,706.9
Manatee 3	0.0	3.6	2.1	94.3	1.1	95.4	93.9	6.00	11/03/12 - 11/09/12; 11/10/12 - 11/16/12	11/9/12-11/28/12; 11/28/12-12/11/12	3,192.0
Sanford 4	0.3	3.8	2.6	93.3	-1.1	92.2	92.5	-1.50	02/18/12 - 02/24/12; 05/26/12 - 06/20/12 06/21/12 - 06/27/12; 11/26/12 - 12/09/12	11/28/12-12/14/12; 10/9/12-11/3/12	(519.2)
Scherer 4	0.9	1.2	18.8	79.1	-4.6	74.5	72.5	10.00	03/02/12 - 05/26/12	3/2/12/-5/9/12	3,987.0
St. Lucie 1	2.1	0.0	39.1	58.8	13.7	72.5	68.7	10.00	01/01/12 - 04/01/12	1/1/12-4/21/12	8,679.0
St. Lucie 2	2.2	0.0	31.3	66.5	0.4	66.9	60.1	10.00	07/09/12 - 10/30/12	8/5/12-11/23/12	4,849.0
Turkey Point 3	0.9	0.0	63.2	35.9	19.1	55.0	49.9	10.00	01/30/12 - 07/08/12	2/26/12-9/5/12	5,488.0
Turkey Point 4	0.0	0.0	16.0	84.0	0.4	84.4	78.0	10.00	11/05/12 - 12/31/12	11/5/12-12/31/12	6,889.0
Turkey Point 5	0.1	5.1	0.9	93.9	-1.1	92.8	92.6	0.80	03/17/12 - 03/23/12; 03/24/12 - 03/30/12 03/24/12 - 03/30/12; 06/01/12 - 06/10/12	11/26/12-12/12/12	409.8

38,200.610

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<sup>(1)</sup> 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, 2012

		AC <sup>-</sup>	TUAL	TAR	GETS	ADJUSTED ACTUAL	
PLANT / UNIT	PH	EFOH	EMOH	EPOH	POF%	EPOH	EAF%
Ft. Myers 2	8784	27.2	417.9	165.5	1.9	168.0	93.0
Martin 8	8784	132.8	383.0	220.5	1.9	168.0	92.2
Manatee 3	8784	3.9	312.8	187.8	1.0	84.0	95.4
Sanford 4	8784	25.8	335.4	228.8	3.7	324.0	92.2
Scherer 4	8784	79.8	106.5	1649.6	23.5	2064.0	74.5
St. Lucie 1	8784	188.0	0.0	3432.5	24.9	2184.0	72.5
St. Lucie 2	8784	191.5	0.0	2753.3	30.9	2712.0	66.9
Turkey Point 3	8784	74.7	0.0	5553.7	43.7	3840.0	55.0
Turkey Point 4	8784	0.0	0.0	1404.7	15.6	1368.0	84.4
Turkey Point 5	8784	6.9	449.4	80.7	2.1	186.0	92.8

		PH - EPOH <sub>™</sub>
	(EFOH <sub>A</sub> + EMOH <sub>A</sub> ) X	
		$PH - EPOH_A$
ADJ. ACTUAL EAF% = 100% - POF <sub>T</sub> -		X 100%
	PH	

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#### ADJUSTMENTS TO AVERAGE NET OPERATING HEAT RATES & ADJUSTMENTS SUMMARY

#### JANUARY THROUGH DECEMBER, 2012

1		2		3	4	5	ь	/	8	9	
					CTUAL	TARGET <sup>(2)</sup> ANOHR AT	ADJUST.(3)	TARGET (4)	ADJUST. <sup>(5)</sup>	GPIF <sup>(6)</sup> POINTS	ACTUAL FUEL
		HEAT RATE (1)		NOF	ANOHR	ACTUAL NOF	ANOHR	ANOHR	ANOHR	FROM	SAV./(LOSS)
UNIT		FORMULA		%	BTU/KWH	BTU/KWH	BTU/KWH	BTU/KWH	BTU/KWH	TABLE	\$000
Ft. Myers 2	ANOHR=	-9.31 x NOF +	8,001	79.4	7,258	7,262	-4	7,105	7,101	0.00	0.0
Martin 8	ANOHR=	-5.78 x NOF +	7,573	77.4	6,982	7,126	-144	7,025	6,881	7.26	4745.9
Manatee 3	ANOHR=	-2.46 x NOF +	7,162	78.0	6,964	6,970	-6	6,930	6,924	0.00	0.0
Sanford 4	ANOHR=	-7.12 x NOF +	7,928	73.1	7,404	7,408	-4	7,252	7,248	0.00	0.0
Scherer 4	ANOHR=	-16.22 x NOF +	11,497	78.3	10,290	10,227	63	9,948	10,011	0.00	0.0
St. Lucie 1	ANOHR=	-34.86 x NOF +	14,285	97.4	10,824	10,890	-66	10,771	10,705	0.00	1997.0
St. Lucie 2	ANOHR=	-21.94 x NOF +	12,940	101.5	10,632	10,713	-81	10,724	10,643	1.32	1793.0
Turkey Point 3	ANOHR=	-93.86 x NOF +	20,627	101.7	11,003	11,081	-78	10,875	10,797	0.46	2307.0
Turkey Point 4	ANOHR=	-76.05 x NOF +	18,754	101.9	11,046	11,005	41	11,263	11,304	0.00	0.0
Turkey Point 5	ANOHR=	-11.56 x NOF +	7,987	75.9	7,116	7,110	6	6,936	6,942	0.00	0.0

10,842.862

<sup>1)</sup> THESE FORMULAS ARE AS APPROVED BY THE COMMISSION IN THE PROJECTION FILING AND ARE BASED ON MONTHLY ACTUAL DATA

<sup>2)</sup> CALCULATED FROM ANOHR FORMULA IN COLUMN 2 USING ACTUAL NOF IN COLUMN 3

<sup>3)</sup> ADJUSTMENT TO ANOHR=ACTUAL ANOHR - TARGET ANOHR AT ACTUAL NOF (COLUMN 6 = COLUMN 4 - COLUMN 5).

<sup>4)</sup> AT TARGET NOF AS APPROVED BY THE COMMISSION IN PROJECTED DATA.

<sup>5)</sup> AT TARGET NOF, ADJUSTED ACTUAL ANOHR = TARGET ANOHR + ADJUSTMENTS (COLUMN 8 = COLUMN 7 + COLUMN 6).

<sup>6)</sup> OBTAINED FROM THE GPIF POINT TABLES USING THE COMMISSION APPROVED TARGETS.

<sup>7)</sup> ST. LUCIE 1, ST. LUCIE 2 AND TURKEY POINT 3 FUEL SAVINGS REPRESENT THE SAVINGS FROM ACTUAL, UNADJUSTED HEAT RATE PERFORMANCE

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 +9	6,284.00 5,655.60	94.1 93.9	+10 +9	3200.00 2880.00	7016 7017
+8	5,027.20	93.6	+8	2560.00	7019
+7	4,398.80	93.4	+7	2240.00	7020
+6	3,770.40	93.1	+6	1920.00	7022
+5	3,142.00 <- Fuel Sav/(Loss)	<b>92.9</b> <- Adj. Act. EAF= 93.0	+5	1600.00	7023
+4	3,519.0 <b>2,513.60</b>	92.6	+4	1280.00	7024
+3	1,885.20	92.4	+3	960.00	7026
+2	1,256.80	92.1	+2	640.00	7027
+1	628.40	91.9	+1	320.00	7029
				0.00 <- Fuel Sav/(Loss) 0	7030 <- Adj. Act. HR=7101
0	0.00	91.6	0	0.00	7105
				( 0.00 )	7180
-1	( -628.40 )	91.4	-1	( -320.00 )	7181
-2	( -1,256.80 )	91.1	-2	( -640.00 )	7183
-3	( -1,885.20 )	90.9	-3	( -960.00 )	7184
-4	( -2,513.60 )	90.6	-4	( -1280.00 )	7186
-5	( -3,142.00 )	90.4	-5	( -1600.00 )	7187
-6	( -3,770.40 )	90.1	-6	( -1920.00 )	7188
-7	( -4,398.80 )	89.9	-7	( -2240.00 )	7190
-8	( -5,027.20 )	89.6	-8	( -2560.00 )	7191
-9	( -5,655.60 )	89.4	-9	( -2880.00 )	7193
-10	( -6,284.00 )	89.1	-10	( -3200.00 )	7194
	WEIGHTING FA			WEIGHTING FACT	 OR = 3.51

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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	5,334.00	93.9	+10	6537.00	6855
+9	4,800.60	93.7	+9	5883.30	6865
+8	4,267.20	93.4	+8	5229.60 <- Fuel Sav/(Loss) 4,745.9	6874 <- Adj. Act. HR=6881
+7	3,733.80	93.2	+7	4575.90	6884
+6	3,200.40	92.9	+6	3922.20	6893
+5	2,667.00	92.7	+5	3268.50	6903
+4	2,133.60	92.4	+4	2614.80	6912
+3	1,600.20 <- Fuel Sav/(Loss) 1,706.9	92.2 <- Adj. Act. EAF= 92.2	+3	1961.10	6922
+2	1,066.80	91.9	+2	1307.40	6931
+1	533.40	91.7	+1	653.70	6941
				0.00	6950
0	0.00	91.4	0	0.00	7025
				( 0.00 )	7100
-1	( -533.40 )	91.2	-1	( -653.70 )	7110
-2	( -1,066.80 )	90.9	-2	( -1307.40 )	7119
-3	( -1,600.20 )	90.7	-3	( -1961.10 )	7129
-4	( -2,133.60 )	90.4	-4	( -2614.80 )	7138
-5	( -2,667.00 )	90.2	-5	( -3268.50 )	7148
-6	( -3,200.40 )	89.9	-6	( -3922.20 )	7157
-7	( -3,733.80 )	89.7	-7	( -4575.90 )	7167
-8	( -4,267.20 )	89.4	-8	( -5229.60 )	7176
-9	( -4,800.60 )	89.2	-9	( -5883.30 )	7186
-10	( -5,334.00 )	88.9	-10	( -6537.00 )	7195
	WEIGHTING FA	CTOR = 5.86		WEIGHTING FACTOR	R = 7.18

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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	5,320.00	96.4	+10	5843.00	6774
+9	4,788.00	96.2	+9	5258.70	6782
+8	4,256.00	95.9	+8	4674.40	6790
+7	3,724.00	95.7	+7	4090.10	6798
+6	3,192.00 <- Fuel Sav/(Loss) 3,192.0	95.4 <- Adj. Act. EAF= 95.4	+6	3505.80	6806
+5	2,660.00	95.2	+5	2921.50	6815
+4	2,128.00	94.9	+4	2337.20	6823
+3	1,596.00	94.7	+3	1752.90	6831
+2	1,064.00	94.4	+2	1168.60	6839
+1	532.00	94.2	+1	584.30	6847
				0.00 <- Fuel Sav/(Loss) 0	6855 <- Adj. Act. HR=6924
0	0.00	93.9	0	0.00	6930
				( 0.00 )	7005
-1	( -532.00 )	93.7	-1	( -584.30 )	7013
-2	( -1,064.00 )	93.4	-2	( -1168.60 )	7021
-3	( -1,596.00 )	93.2	-3	( -1752.90 )	7029
-4	( -2,128.00 )	92.9	-4	( -2337.20 )	7037
-5	( -2,660.00 )	92.7	-5	( -2921.50 )	7046
-6	( -3,192.00 )	92.4	-6	( -3505.80 )	7054
-7	( -3,724.00 )	92.2	-7	( -4090.10 )	7062
-8	( -4,256.00 )	91.9	-8	( -4674.40 )	7070
-9	( -4,788.00 )	91.7	-9	( -5258.70 )	7078
-10	( -5,320.00 )	91.4	-10	( -5843.00 )	7086
	WEIGHTING FA	ACTOR = 5.84		WEIGHTING FAC	TOR = 6.42

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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	3,461.00	94.5	+10	2907.00	7140
+9	3,114.90	94.3	+9	2616.30	7144
+8	2,768.80	94.1	+8	2325.60	7147
+7	2,422.70	93.9	+7	2034.90	7151
+6	2,076.60	93.7	+6	1744.20	7155
+5	1,730.50	93.5	+5	1453.50	7159
+4	1,384.40	93.3	+4	1162.80	7162
+3	1,038.30	93.1	+3	872.10	7166
+2	692.20	92.9	+2	581.40	7170
+1	346.10	92.7	+1	290.70	7173
				0.00 <- Fuel Sav/(Loss) 0	7177 <- Adj. Act. HR=7248
0	0.00	92.5	0	0.00	7252
				( 0.00 )	7327
-1	( -346.10	92.3	-1	( -290.70 )	7331
-2	( -692.20 ) <- Fuel Sav/(Loss)	<b>92.1</b> <- Adj. Act. EAF= 92.2	-2	( -581.40 )	7334
-3	(519.2) ( -1,038.30 )	91.9	-3	( -872.10 )	7338
-4	( -1,384.40 )	91.7	-4	( -1162.80 )	7342
-5	( -1,730.50 )	91.5	-5	( -1453.50 )	7346
-6	( -2,076.60 )	91.3	-6	( -1744.20 )	7349
-7	( -2,422.70 )	91.1	-7	( -2034.90 )	7353
-8	( -2,768.80 )	90.9	-8	( -2325.60 )	7357
-9	( -3,114.90 )	90.7	-9	( -2616.30 )	7360
-10	( -3,461.00 )	90.5	-10	( -2907.00 )	7364
	WEIGHTING FA	 CTOR = 3.80		WEIGHTING FACT	 OR = 3.19

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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	3,987.00 <- Fuel Sav/(Loss) 3,987.0	<b>74.5</b> <- Adj. Act. EAF= 74.5	+10	1979.00	9754
+9	3,588.30	74.3	+9	1781.10	9766
+8	3,189.60	74.1	+8	1583.20	9778
+7	2,790.90	73.9	+7	1385.30	9790
+6	2,392.20	73.7	+6	1187.40	9802
+5	1,993.50	73.5	+5	989.50	9814
+4	1,594.80	73.3	+4	791.60	9825
+3	1,196.10	73.1	+3	593.70	9837
+2	797.40	72.9	+2	395.80	9849
+1	398.70	72.7	+1	197.90	9861
				0.00	9873
0	0.00	72.5	0	0.00 <- Fuel Sav/(Loss) 0	<b>9948</b> <- Adj. Act. HR=10011
				( 0.00 )	10023
-1	( -398.70 )	72.3	-1	( -197.90 )	10035
-2	( -797.40 )	72.1	-2	( -395.80 )	10047
-3	( -1,196.10 )	71.9	-3	( -593.70 )	10059
-4	( -1,594.80 )	71.7	-4	( -791.60 )	10071
-5	( -1,993.50 )	71.5	-5	( -989.50 )	10083
-6	( -2,392.20 )	71.3	-6	( -1187.40 )	10094
-7	( -2,790.90 )	71.1	-7	( -1385.30 )	10106
-8	( -3,189.60 )	70.9	-8	( -1583.20 )	10118
-9	( -3,588.30 )	70.7	-9	( -1781.10 )	10130
-10	( -3,987.00 )	70.5	-10	( -1979.00 )	10142
	WEIGHTING FA			WEIGHTING FAC	гоr = 2.17

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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	8,679.0 <- Fuel Sav/(Loss) 8,679.0	<b>71.7</b> <- Adj. Act. EAF 72.5	·= +10	1997.0 <- Fuel Sav/(Loss) 1,997.0	10695
+9	7,811.1	71.4	+9	1797.3	10695
+8	6,943.2	71.1	+8	1597.6	10695
+7	6,075.3	70.8	+7	1397.9	10695
+6	5,207.4	70.5	+6	1198.2	10695
+5	4,339.5	70.2	+5	998.5	10696
+4	3,471.6	69.9	+4	798.8	10696
+3	2,603.7	69.6	+3	599.1	10696
+2	1,735.8	69.3	+2	399.4	10696
+1	867.9	69.0	+1	199.7	10696
				0.0	10696 <- Adj. Act. HR=10705
0	0.0	68.7	0	0.0	10771
				( 0.0 )	10846
-1	( -867.9 )	68.4	-1	( -199.7 )	10846
-2	( -1,735.8 )	68.1	-2	( -399.4 )	10846
-3	( -2,603.7 )	67.8	-3	( -599.1 )	10846
-4	( -3,471.6 )	67.5	-4	( -798.8 )	10846
-5	( -4,339.5 )	67.2	-5	( -998.5 )	10847
-6	( -5,207.4 )	66.9	-6	( -1198.2 )	10847
-7	( -6,075.3 )	66.6	-7	( -1397.9 )	10847
-8	( -6,943.2 )	66.3	-8	( -1597.6 )	10847
-9	( -7,811.1 )	66.0	-9	( -1797.3 )	10847
-10	( -8,679.0 )	65.7	-10	( -1997.0 )	10847
	WEIGHTING FACTOR =	 = 9.53		WEIGHTING FACTOR =	2.19

St. Lucie 1 heat rate fuel savings represent the savings from actual, unadjusted heat rate performance.

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Exhibit No.:

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	4,849.00 <- Fuel Sav/(Loss) 4,849.0	63.1 <- Adj. Act. EAF= 66.9	+10	1793.00 <- Fuel Sav/(Loss) 1,793.0	10527
+9	4,364.10	62.8	+9	1613.70	10539
+8	3,879.20	62.5	+8	1434.40	10551
+7	3,394.30	62.2	+7	1255.10	10564
+6	2,909.40	61.9	+6	1075.80	10576
+5	2,424.50	61.6	+5	896.50	10588
+4	1,939.60	61.3	+4	717.20	10600
+3	1,454.70	61.0	+3	537.90	10612
+2	969.80	60.7	+2	358.60	10625
+1	484.90	60.4	+1	179.30	10637 <- Adj. Act.
				0.00	HR=10643 10649
0	0.00	60.1	0	0.00	10724
				( 0.00 )	10799
-1	( -484.90 )	59.8	-1	( -179.30 )	10811
-2	( -969.80 )	59.5	-2	( -358.60 )	10823
-3	( -1,454.70 )	59.2	-3	( -537.90 )	10836
-4	( -1,939.60 )	58.9	-4	( -717.20 )	10848
-5	( -2,424.50 )	58.6	-5	( -896.50 )	10860
-6	( -2,909.40 )	58.3	-6	( -1075.80 )	10872
-7	( -3,394.30 )	58.0	-7	( -1255.10 )	10884
-8	( -3,879.20 )	57.7	-8	( -1434.40 )	10897
-9	( -4,364.10 )	57.4	-9	( -1613.70 )	10909
-10	( -4,849.00 )	57.1	-10	( -1793.00 )	10921
	WEIGHTING FAC	 CTOR = 5.32		WEIGHTING FAC	TOR = 1.97

St. Lucie 2 heat rate fuel savings represent the savings from actual, unadjusted heat rate performance

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**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	5,488.00 <- Fuel Sav/(Loss)	<b>52.9</b> <- Adj. Act. EA 55.0	F= +10	2307.00 <- Fuel Sav/(Loss)	10732
+9	5,488.0 <b>4,939.20</b>	52.6	+9	2,307.0 <b>2076.30</b>	10739
+8	4,390.40	52.3	+8	1845.60	10746
+7	3,841.60	52.0	+7	1614.90	10752
+6	3,292.80	51.7	+6	1384.20	10759
+5	2,744.00	51.4	+5	1153.50	10766
+4	2,195.20	51.1	+4	922.80	10773
+3	1,646.40	50.8	+3	692.10	10780
+2	1,097.60	50.5	+2	461.40	10786
+1	548.80	50.2	+1	230.70	10793 <- Adj. Act.
				0.00	HR=10797 10800
0	0.00	49.9	0	0.00	10875
				( 0.00 )	10950
-1	( -548.80 )	49.6	-1	( -230.70 )	10957
-2	( -1,097.60 )	49.3	-2	( -461.40 )	10964
-3	( -1,646.40 )	49.0	-3	( -692.10 )	10970
-4	( -2,195.20 )	48.7	-4	( -922.80 )	10977
-5	( -2,744.00 )	48.4	-5	( -1153.50 )	10984
-6	( -3,292.80 )	48.1	-6	( -1384.20 )	10991
-7	( -3,841.60 )	47.8	-7	( -1614.90 )	10998
-8	( -4,390.40 )	47.5	-8	( -1845.60 )	11004
-9	( -4,939.20 )	47.2	-9	( -2076.30 )	11011
-10	( -5,488.00 )	46.9	-10	( -2307.00 )	11018
				-	
	WEIGHTING FAC	CTOR = 6.03		WEIGHTING FACT	TOR = 2.53

Turkey Point 3 heat rate fuel savings represent the savings from actual, unadjusted heat rate performance.

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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	6,889.00 <- Fuel Sav/(Loss) 6,889.0	<b>81.0</b> <- Adj. Act. E/84.4	AF= +10	4094.00	11061
+9	6,200.10	80.7	+9	3684.60	11074
+8	5,511.20	80.4	+8	3275.20	11086
+7	4,822.30	80.1	+7	2865.80	11099
+6	4,133.40	79.8	+6	2456.40	11112
+5	3,444.50	79.5	+5	2047.00	11125
+4	2,755.60	79.2	+4	1637.60	11137
+3	2,066.70	78.9	+3	1228.20	11150
+2	1,377.80	78.6	+2	818.80	11163
+1	688.90	78.3	+1	409.40	11175
				0.00	11188
0	0.00	78.0	0	0.00 <- Fuel Sav/(Loss) 0	11263 <- Adj. Act. HR=11304
				( 0.00 )	11338
-1	( -688.90 )	77.7	-1	( -409.40 )	11351
-2	( -1,377.80 )	77.4	-2	( -818.80 )	11363
-3	( -2,066.70 )	77.1	-3	( -1228.20 )	11376
-4	( -2,755.60 )	76.8	-4	( -1637.60 )	11389
-5	( -3,444.50 )	76.5	-5	( -2047.00 )	11402
-6	( -4,133.40 )	76.2	-6	( -2456.40 )	11414
-7	( -4,822.30 )	75.9	-7	( -2865.80 )	11427
-8	( -5,511.20 )	75.6	-8	( -3275.20 )	11440
-9	( -6,200.10 )	75.3	-9	( -3684.60 )	11452
-10	( -6,889.00 )	75.0	-10	( -4094.00 )	11465
	WEIGHTING FA			WEIGHTING FAC	CTOR = 4.50

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**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	5,123.00	95.1	+10	5012.00	6791
+9	4,610.70	94.9	+9	4510.80	6798
+8	4,098.40	94.6	+8	4009.60	6805
+7	3,586.10	94.4	+7	3508.40	6812
+6	3,073.80	94.1	+6	3007.20	6819
+5	2,561.50	93.9	+5	2506.00	6826
+4	2,049.20	93.6	+4	2004.80	6833
+3	1,536.90	93.4	+3	1503.60	6840
+2	1,024.60	93.1	+2	1002.40	6847
+1	512.30	92.9	+1	501.20	6854
				0.00	6861
0	0.00 <- Fuel Sav/(Loss)	<b>92.6</b> <- Adj. Act. EA 92.8	AF= 0	0.00 <- Fuel Sav/(Loss) 0	<b>6936</b> <- Adj. Act. HR=6942
	409.8				
				( 0.00 )	7011
-1	( -512.30	92.4	-1	( -501.20 )	7018
-2	( -1,024.60 )	92.1	-2	( -1002.40 )	7025
-3	( -1,536.90 )	91.9	-3	( -1503.60 )	7032
-4	( -2,049.20 )	91.6	-4	( -2004.80 )	7039
-5	( -2,561.50 )	91.4	-5	( -2506.00 )	7046
-6	( -3,073.80 )	91.1	-6	( -3007.20 )	7053
-7	( -3,586.10 )	90.9	-7	( -3508.40 )	7060
-8	( -4,098.40 )	90.6	-8	( -4009.60 )	7067
-9	( -4,610.70 )	90.4	-9	( -4510.80 )	7074
-10	( -5,123.00 )	90.1	-10	( -5012.00 )	7081
	WEIGHTING FA			WEIGHTING FAC	 TOR = 5.50

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#### ACTUAL PLANNED OUTAGES

## FLORIDA POWER & LIGHT COMPANY

#### JANUARY THROUGH DECEMBER, 2012

PLANT/UNIT	ACTUAL PLANNED OUTAGE DATE	REASON FOR OUTAGE
Ft. Myers 2	10/21/12-10/28/12; 10/20/12-10/27/12	CT-2A HRSG outage; CT-2B HRSG outage
•	12/10/12-12/16/12; 12/11/12-12/17/12	CT-2C HRSG outage; CT-2D HRSG outage
	10/29/12-11/05/12; 10/28/12-11/04/12	CT-2E HRSG outage; CT-2F HRSG outage
Martin 8	9/22/12-9/29/12; 10/22/12-11/21/12	CT-8A HRSG outage; CT-8B upgrade
Manatee 3	11/9/12-11/28/12; 11/28/12-12/11/12	CT-3C Main steam to cold reheat valve replacement; CT-3D HRSG outage
Sanford 4	11/28/12-12/14/12; 10/9/12-11/3/12	CT-4A planned outage; CT-4B Major overhaul
Scherer 4	3/2/12/-5/9/12	Boiler outage
St. Lucie 1	1/1/12-4/21/12	Refueling outage and EPU modifications
St. Lucie 2	8/5/12-11/23/12	Refueling outage and EPU modifications
Turkey Point 3	2/26/12-9/5/12	Refueling outage and EPU modifications
Turkey Point 4	11/5/12-12/31/12	Refueling outage and EPU modifications
Turkey Point 5	11/26/12-12/12/12	CT-5C Rainbow hardware removal / HRSG inspection

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JCB-1, DOCKET NO. 130001-EI

FPL Witness: J. Carine Bullock

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