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March 17, 2015

-VIA ELECTRONIC FILING -

Ms. Carlotta S. Stauffer Commission Clerk Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850

Re: Docket No. 150001-EI

Dear Ms. Stauffer:

I enclose for electronic filing in the above docket Florida Power & Light Company's ("FPL") Petition for Approval of GPIF Results for the Period Ending December 2014 and the prefiled testimony and exhibits of FPL witness J. Carine Bullock.

If there are any questions regarding this transmittal, please contact me at (561) 304-5639.

Sincerely,

s/ John T. Butler

John T. Butler

Enclosures

cc: Counsel for Parties of Record (w/encl.)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and Purchase Power Cost Recovery Clause with Generating Performance Incentive

Factor

Docket No: 150001-EI

Filed: March 17, 2015

PETITION FOR APPROVAL OF GPIF RESULTS FOR THE PERIOD JANUARY 2014 THROUGH DECEMBER 2014

Florida Power & Light Company ("FPL") hereby Petitions this Commission for approval

of a Generating Performance Incentive Factor ("GPIF") reward of \$23,303,114 for the period

January 2014 through December 2014. In support of this Petition, FPL states as follows:

By Order No. PSC-13-0665-FOF-EI dated December 18, 2013, the Commission

approved GPIF Targets for FPL for the period January 2014 through December 2014. The

application of the GPIF formula to FPL's performance during that period produces a reward of

\$23,303,114. 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.

WHEREFORE, Florida Power & Light Company respectfully requests the Commission

to approve \$23,303,114 as FPL's GPIF reward for the period January 2014 through December

2014 and include this amount in the calculation of the Fuel Cost Recovery Factor for the period January 2016 through December 2016.

Respectfully submitted,

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John T. Butler, Esq.
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By: s/ John T. Butler

John T. Butler

Fla. Bar No. 283479

CERTIFICATE OF SERVICE

Docket No. 150001-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by electronic service on this 17th day of March 2015 to the following:

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By: s/John T. Butler_

John T. Butler Fla. Bar No. 283479

2075368

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 150001-EI FLORIDA POWER & LIGHT COMPANY

MARCH 17, 2015

GENERATING PERFORMANCE INCENTIVE FACTOR PERFORMANCE RESULTS FOR

JANUARY 2014 THROUGH DECEMBER 2014

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. 150001-EI
5		MARCH 17, 2015
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 2014 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). I have compared the performance of
23		each unit to the targets approved in Commission Order No. PSC-13-0665-

1		FOF-EI issued December 18, 2013, for the period January through December
2		2014, and performed the reward/penalty calculations prescribed by the GPIF
3		Manual. My testimony presents the result of these calculations: \$49,588,044
4		of fuel savings to FPL's customers as a result of the availability and efficiency
5		of FPL's GPIF generating units, and a GPIF reward of \$23,303,114.
6	Q.	Have you prepared, or caused to have prepared under your direction,
7		supervision, or control any exhibits in this proceeding?
8	A.	Yes. Exhibit JCB-1 shows the reward/penalty calculations. Page 1 of Exhibit
9		JCB-1 is an index to the contents of the exhibit.
10	Q.	Please explain how the total GPIF reward/penalty amount was calculated
11		in general terms.
12	A.	The steps involved in making this calculation are provided in Exhibit JCB-1.
13		Page 2 provides the GPIF Reward/Penalty Table (Actual), which shows an
14		overall GPIF performance point value of +4.48, \$49,588,044 in fuel savings
15		and a GPIF reward of \$23,303,114. Page 3 provides the revised calculation of
16		the maximum allowed incentive dollars as recently approved by Commission
17		Order No. PSC-13-0665-FOF-EI issued December 18, 2013. The calculation
18		of the system actual GPIF performance points is shown on page 4. This page
19		lists each GPIF unit, the unit's performance indicators (EAF and ANOHR),
20		the weighting factors, and the associated GPIF points.
21		
22		Page 5 is the actual EAF and adjustments summary. This page, in columns 1
23		through 5, lists each of the ten GPIF units, the actual outage factors and the

actual EAF for each unit. 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 GPIF unit it shows, in columns 2 through 4, the target heat rate formula, the actual Net Operating Factor (NOF), and the ANOHR for all units. 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 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.

- Q. Please explain the primary reason why FPL will receive a reward under
 the GPIF for the January through December 2014 period.
- A. The primary reason that FPL will receive a reward for the period was that adjusted actual EAFs for St. Lucie Units 1 and 2, Turkey Point Units 3 and 4, and five of the fossil units were each better than target. St. Lucie Units 1 and 2 and West County Unit 2 ANOHR also were better than target.

1	Q.	Please summarize each nuclear unit's performance as it relates to the
2		EAF of the units.
3	A.	St. Lucie Unit 1 operated at an adjusted actual EAF of 99.9%, compared to its
4		target of 90.8%. This results in +10.0 points, which corresponds to a GPIF
5		reward of \$5,053,449.
6		
7		St. Lucie Unit 2 operated at an adjusted actual EAF of 85.6%, compared to its
8		target of 83.4%. This results in +7.33 points, which corresponds to a GPIF
9		reward of \$2,544,419.
10		
11		Turkey Point Unit 3 operated at an adjusted actual EAF of 87.0% compared to
12		its target of 81.1%. This results in +10.0 points, which corresponds to a GPIF
13		reward of \$3,804,399.
14		
15		Turkey Point Unit 4 operated at an adjusted actual EAF of 87.7% compared to
16		its target of 83.7%. This results in +10.0 points, which corresponds to a GPIF
17		reward of \$3,205,896.
18		
19		In total, the combined nuclear units' EAF performance results in a GPIF
20		reward of \$14,608,163.
21	Q.	Please summarize each nuclear unit's performance as it relates to the
22		ANOHR of the units.

1	A.	The St. Lucie Unit 1 adjusted actual ANOHR is 10,495 Btu/kWh compared to
2		its target of 10,703 Btu/kWh. This results in +4.52 points, which corresponds
3		to a GPIF reward of \$2,298,252.
4		
5		The St. Lucie Unit 2 adjusted actual ANOHR is 10,304 Btu/kWh compared to
6		its target of 10,556 Btu/kWh. This results in +6.60 points, which corresponds
7		to a GPIF reward of \$2,521,000.
8		
9		The Turkey Point Unit 3 adjusted actual ANOHR is 11,250 Btu/kWh
10		compared to its target of 11,025 Btu/kWh. This results in -7.39 points, which
11		corresponds to a GPIF penalty of \$2,015,134.
12		
13		Turkey Point Unit 4 adjusted actual ANOHR results in 11,062 Btu/kWh
14		compared to its target of 11,138 Btu/kWh. This results in +0.07 points, which
15		corresponds to a GPIF reward of \$14,052.
16		
17		In total, the combined nuclear units' heat rate performance results in a net
18		GPIF reward of \$2,818,170.
19	Q.	What is the total GPIF reward for FPL's nuclear units?
20	A.	\$17,426,333.
21	Q.	Please summarize the performance of FPL's fossil units.
22	A.	Regarding EAF performance, five of the six fossil generating units performed
23		better than their availability targets resulting in a reward of \$7,431,850 while

the remaining unit performed worse than its availability target resulting in a penalty of \$699,468. Thus, the combined fossil units' availability performance results in a net GPIF reward of \$6,732,382.

4

5

6

7

8

9

10

11

Regarding ANOHR, one out of the six fossil units (West County 2) operated with an ANOHR that was below the ±75 Btu/kWh dead band, resulting in a reward of \$1,299,012. Out of the remaining five fossil units, four operated with ANOHRs that were within the ±75 Btu/kWh dead band and so received no incentive reward or penalty while the other one operated above the dead band so it received a penalty of \$2,154,612. Thus, the combined fossil units' heat rate performance results in a net GPIF penalty of \$855,600.

12 Q. What is the total GPIF reward/penalty for FPL's fossil units?

- 13 A. The net GPIF availability performance reward of \$6,732,382 plus the net
 14 GPIF heat rate performance penalty of \$855,600 results in a total GPIF reward
 15 for FPL's fossil units of \$5,876,782.
- 16 Q. To recap, what is the total GPIF result for the period January through
 17 December 2014?
- A. The total GPIF result for the period January through December 2014 is \$49,588,044 of fuel savings to FPL's customers as a result of the availability and efficiency of FPL's GPIF generating units, and a GPIF reward of \$23,303,114.
- 22 Q. Does this conclude your testimony?
- 23 A. Yes.

GENERATING PERFORMANCE INCENTIVE FACTOR JANUARY THROUGH DECEMBER, 2014

JCB-1 DOCKET NO. 150001-EI

FPL Witness: J. Carine Bullock

Exhibit No.: ___ Pages 1 - 18 March 17, 2015

FLORIDA POWER & LIGHT COMPANY

JANUARY THROUGH DECEMBER, 2014

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

Issued by: Florida Power & Light Company

JCB-1, DOCKET NO. 150001-EI FPL Witness: J. Carine Bullock

Exhibit No.: Page 1 of 18

GENERATING PERFORMANCE INCENTIVE FACTOR

REWARD/PENALTY TABLE (ACTUAL)

FLORIDA POWER & LIGHT COMPANY JANUARY THROUGH DECEMBER, 2014

GENERATNG		GENERATING
PERFORMANCE		PERFORMANCE
INCENTIVE	FUEL	INCENTIVE
POINTS	SAVINGS/(LOSS)	FACTOR
(GPIF)	(\$000)	(\$000)
+ 10	110,700	52,044
+ 9	99,630	46,839
+ 8	88,560	41,635
+ 7	77,490	36,431
+ 6	66,420	31,226
+ 5	55,350	26,022
+ 4 < 4.48	44,280 < 49,588.044	20,818 < 23,303.114
+ 3	33,210	15,613
+ 2	22,140	10,409
+ 1	11,070	5,204
0	0	0
- 1	(11,070)	(5,204)
- 2	(22,140)	(10,409)
- 3	(33,210)	(15,613)
- 4	(44,280)	(20,818)
- 5	(55,350)	(26,022)
- 6	(66,420)	(31,226)
- 7	(77,490)	(36,431)
- 8	(88,560)	(41,635)
- 9	(99,630)	(46,839)
- 10	(110,700)	(52,044)

Issued by: Florida Power & Light Company

JCB-1, DOCKET NO. 150001-EI FPL Witness: J. Carine Bullock

Exhibit No.: _

Page 2 of 18

GENERATING PERFORMANCE INCENTIVE FACTOR

CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

ACTUAL

FLORIDA POWER & LIGHT COMPANY JANUARY THROUGH DECEMBER, 2014

LINE 1	BEGINNING OF PERIOD BALANCE OF END OF MONTH BALANCE OF COMM	\$13	,083,708,220		
LINE 2 LINE 3	•	2014 2014		,333,954,917 ,418,328,529	
LINE 4		2014		,530,223,320	
LINE 5		2014		,612,201,080	
LINE 6	MONTH OF May	2014		,776,678,120	
LINE 7	MONTH OF June	2014	\$13	,453,398,948	
LINE 8		2014	\$13	,632,795,671	
LINE 9	9	2014	\$13	,815,575,426	
LINE 10	MONTH OF September	2014	\$13	,186,418,224	
LINE 11	MONTH OF October	2014	\$13	,284,344,052	
LINE 12	MONTH OF November	2014	\$13	,393,902,674	
LINE 13	MONTH OF December	2014	\$13	,150,771,142	
LINE 14	AVERAGE COMMON EQUITY FOR TH (SUMMATION OF LINE1 THROUGH LII		\$13	,436,330,794	
LINE 15	25 BASIS POINTS			0.0025	
LINE 16	REVENUE EXPANSION FACTOR			61.3808%	
LINE 17	MAXIMUM ALLOWED INCENTIVE DOL (LINE 14 TIMES LINE 15 DIVIDED BY L	\$	54,725,300		
LINE 18	JURISDICTIONAL SALES		104	,389,051,000	KWH
LINE 19	TOTAL SALES		109	,763,891,085	KWH
LINE 20	JURISDICTIONAL SEPARATION FACT (LINE 18 DIVIDED BY LINE 19)		95.10%		
LINE 21	MAXIMUM ALLOWED JURISDICTIONA (LINE 17 TIMES LINE 20)	\$	52,043,760		
LINE 22	INCENTIVE CAP (50 PECENT OF PRO AT 10 GPIF-POINT LEVEL FROM SHEE	\$	55,350,000		
LINE 23	MAXIMUM ALLOWED GPIF REWARD (THE LESSER OF LINE 21 AND LINE 2	•	\$	52,043,760	

 $Note: Line\ 22\ and\ 23\ are\ as\ approved\ by\ Commission\ order\ PSC-13-0665-FOF-EI\ dated\ 12/18/13\ effective\ 1/1/14.$

JCB-1, DOCKET NO. 150001-EI FPL Witness: J. Carine Bullock Exhibit No.: Page 3 of 18

JANUARY THROUGH DECEMBER, 2014

DERIVATION OF SYSTEM ACTUAL GPIF POINTS

	PERFORMANCE	WEIGHTING	UNIT	WEIGHTED UNIT
PLANT/UNIT	INDICATOR	FACTOR %	POINTS	POINTS
Ft. Myers 2	EAF	3.57	5.60	.1999
Ft. Myers 2	ANOHR	2.61	0.00	.0000
Martin 8	EAF	3.36	-4.00	1344
Martin 8	ANOHR	5.07	0.00	.0000
Manatee 3	EAF	2.95	10.00	.2950
Manatee 3	ANOHR	3.96	0.00	.0000
St. Lucie 1	EAF	9.71	10.00	.9710
St. Lucie 1	ANOHR	9.77	4.52	.4416
St. Lucie 2	EAF	6.67	7.33	.4889
St. Lucie 2	ANOHR	7.34	6.60	.4844
Turkey Point 3	EAF	7.31	10.00	.7310
Turkey Point 3	ANOHR	5.24	-7.39	3872
Turkey Point 4	EAF	6.16	10.00	.6160
Turkey Point 4	ANOHR	3.88	0.07	.0027
Turkey Point 5	EAF	2.81	10.00	.2810
Turkey Point 5	ANOHR	2.85	0.00	.0000
West County 1	EAF	3.81	6.67	.2541
West County 1	ANOHR	4.14	-10.00	4140
West County 2	EAF	3.98	10.00	.3980
West County 2	ANOHR	4.81	5.19	.2496

GPIF System Total:	100	4.48

Issued by: Florida Power & Light Company

JCB-1, DOCKET NO. 150001-EI FPL Witness: J. Carine Bullock

Exhibit No.: _

ACTUAL EQUIVALENT AVAILABILITY AND ADJUSTMENTS

JANUARY THROUGH DECEMBER, 2014

1	2	3	4	5	6	7	8	9			
	ACTUAL				PLANNED OUTAGE	ADJUSTED		POINTS	ORIGINAL PLANNED	ACTUAL	ACTUAL FUEL SAVINGS/
					ADJ TO	ACTUAL	TARGET	FROM	OUTAGE	OUTAGE	(LOSS)
UNIT	FOF	MOF	POF	EAF	EAF ⁽¹⁾	EAF	EAF	TABLES	DATES	DATES	(\$000)
Ft. Myers 2	0.3	3.2	3.5	93.0	3.4	96.4	95.0	5.60	NONE	10/31/14 - 12/12/14; 11/7/14 - 12/18/14	2,210.9
Martin 8	1.3	5.4	1.2	92.1	-0.7	91.4	92.4	-4.00	02/15/14 - 02/21/14; 03/08/14 - 03/21/14 03/22/14 - 03/28/14	3/6/14 - 3/24/14	(1,485.6)
Manatee 3	0.2	3.3	8.1	88.4	-1.0	87.4	82.8	10.00	05/23/14 - 06/14/14; 05/27/14 - 06/18/14	5/26/14 - 6/18/14; 5/30/14 - 6/21/14	3,271.0
									05/30/14 - 06/17/14; 06/11/14 - 07/03/14 07/07/14 - 08/05/14	5/29/14 - 6/26/14; 5/30/14 - 6/16/14 7/22/14 - 8/18/14; 5/30/14 - 6/19/14	
St. Lucie 1	0.0	0.1	0.0	99.9	0.0	99.9	90.8	10.00	NONE	6/5/14; 9/10/14; 10/15/14	10,750.0
St. Lucie 2	3.6	1.2	14.5	80.7	4.9	85.6	83.4	7.33	03/03/14 - 04/06/14	3/2/14 - 4/26/14	5,411.7
Turkey Point 3	3.9	0.0	12.1	84.0	3.0	87.0	81.1	10.00	03/17/14 - 04/19/14	1/15/14 - 1/17/14; 3/15/14 - 5/1/14	8,093.0
										7/2/14 - 7/3/14; 8/15/14 - 8/16/14; 8/25/14 - 8/27/14	
Turkey Point 4	2.4	0.0	11.0	86.7	1.0	87.7	83.7	10.00	09/24/14 - 10/30/14	5/24/14 - 5/30/14 8/5/14 - 8/15/14: 9/20/14 - 10/27/14	6,823.0
Turkey Point 5	0.2	0.6	12.4	86.8	-3.2	83.6	78.0	10.00	02/01/14 - 03/02/14; 02/15/14 - 02/26/14 02/15/14 - 03/16/14; 04/25/14 - 06/29/14 11/17/14 - 12/07/14	2/1/14 - 3/13/14, 3/25/14 - 10/21/14 2/1/14 - 2/28/14; 2/15/14 - 3/15/14 5/1/14 - 5/30/14; 6/2/14 - 6/29/14 11/6/14 - 11/23/14	3,116.0
West County 1	0.2	6.9	15.0	78.0	3.2	81.2	79.2	6.67	09/27/14 - 11/05/14; 10/01/14 - 11/09/14 10/15/14 - 11/09/14; 10/15/14 - 11/24/14	9/26/14 - 11/2114; 10/10/14 - 11/30/14 9/30/14 - 11/28/14; 10/10/14 - 11/22/14	2,810.1
West County 2	0.2	3.4	5.4	91.1	0.6	91.7	86.2	10.00	06/14/14 - 06/29/14; 06/18/14 - 07/03/14 06/23/14 - 06/29/14; 06/23/14 - 07/12/14	6/23/14 - 7/10/14; 6/13/14 - 7/5/14 6/19/14 - 7/8/14; 6/22/14 - 7/6/14	4,409.0

45,409.090

Issued by: Florida Power & Light Company

JCB-1, DOCKET NO. 150001-EI FPL Witness: J. Carine Bullock Exhibit No.: _____ Page 5 of 18

⁽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, 2014

		ACT	ΓUAL	TAR	ADJUSTED ACTUAL		
PLANT / UNIT	PH	EFOH	EMOH	EPOH	POF%	EPOH	EAF%
Ft. Myers 2	8760	27.9	278.3	310.9	0.0	0.0	96.4
Martin 8	8760	113.1	477.2	105.4	1.9	168.0	91.4
Manatee 3	8760	18.6	289.3	710.2	9.1	798.0	87.4
St. Lucie 1	8760	0.7	4.7	1.6	0.0	0.0	99.9
St. Lucie 2	8760	318.9	102.6	1271.6	9.3	816.0	85.6
Turkey Point 3	8760	339.0	0.0	1059.6	9.0	792.0	87.0
Turkey Point 4	8760	206.9	0.0	960.5	9.9	864.0	87.7
Turkey Point 5	8760	17.6	52.8	1086.8	15.6	1368.0	83.6
West County 1	8760	18.2	601.0	1311.5	11.4	1000.0	81.2
West County 2	8760	14.0	295.8	471.0	4.7	416.0	91.7

	PH - EPOH _T	
	(EFOH _A + EMOH _A) X	
	PH - EPOH _A	
ADJ. ACTUAL EAF% = $100\% - POF_T -$	X	100%
	PH	

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ADJUSTMENTS TO AVERAGE NET OPERATING HEAT RATES & ADJUSTMENTS SUMMARY

JANUARY THROUGH DECEMBER, 2014

1		2		3	4	5	6	7	8	9	
					CTUAL	TARGET ⁽²⁾ ANOHR AT	ADJUST.(3)	TARGET (4)	ADJUST. ⁽⁵⁾ ACTUAL	GPIF ⁽⁶⁾ 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=	-7.12 x NOF +	7,837	75.9	7,279	7,297	-18	7,200	7,182	0.00	0.0
Martin 8	ANOHR=	-6.98 x NOF +	7,527	69.9	6,992	7,039	-47	6,911	6,864	0.00	0.0
Manatee 3	ANOHR=	-3.22 x NOF +	7,237	71.4	6,989	7,007	-18	6,961	6,943	0.00	0.0
St. Lucie 1	ANOHR=	-52.75 x NOF +	15,894	101.5	10,332	10,540	-208	10,703	10,495	4.52	4886.1
St. Lucie 2	ANOHR=	-29.15 x NOF +	13,424	101.3	10,219	10,471	-252	10,556	10,304	6.60	5364.5
Turkey Point 3	ANOHR=	-16.58 x NOF +	12,661	94.3	11,323	11,098	225	11,025	11,250	-7.39	(4288.4)
Turkey Point 4	ANOHR=	-41.81 x NOF +	15,269	95.9	11,183	11,259	-76	11,138	11,062	0.07	30.1
Turkey Point 5	ANOHR=	-5.42 x NOF +	7,528	69.9	7,108	7,149	-41	7,055	7,014	0.00	0.0
West County 1	ANOHR=	-5.63 x NOF +	7,324	65.0	7,110	6,958	152	6,842	6,994	-10.00	(4578.0)
West County 2	ANOHR=	-7.65 x NOF +	7,497	73.0	6,823	6,939	-116	6,848	6,732	5.19	2764.7

4,178.954

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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.

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	3,948.0 3,553.2	97.5 97.3	+10 +9	2,893.0 2,603.7	7,104 7,106
+8	3,158.4	97.0	+8	2,314.4	7,108
+7	2,763.6	96.8	+7	2,025.1	7,110
+6	2,368.8	96.5	+6	1,735.8	7,112
+5	1,974.0 <- Fuel Sav/(Loss) 2,210.9	96.3 <- Adj. Act. EAF= 96.4	+5	1,446.5	7,115
+4	1,579.2	96.0	+4	1,157.2	7,117
+3	1,184.4	95.8	+3	867.9	7,119
+2	789.6	95.5	+2	578.6	7,121
+1	394.8	95.3	+1	289.3	7,123
				0 <- Fuel Sav/(Loss)	7,125 <- Adj. Act. HR=7,182
0	0	95.0	0	0	7,200
				0	7,275
-1	(394.8)	94.8	-1	(289.3)	7,277
-2	(789.6)	94.5	-2	(578.6)	7,279
-3	(1,184.4)	94.3	-3	(867.9)	7,281
-4	(1,579.2)	94.0	-4	(1,157.2)	7,283
-5	(1,974.0)	93.8	-5	(1,446.5)	7,286
-6	(2,368.8)	93.5	-6	(1,735.8)	7,288
-7	(2,763.6)	93.3	-7	(2,025.1)	7,290
-8	(3,158.4)	93.0	-8	(2,314.4)	7,292
-9	(3,553.2)	92.8	-9	(2,603.7)	7,294
-10	(3,948.0)	92.5	-10	(2,893.0)	7,296
	WEIGHTING FAC	 TOR = 3.57		WEIGHTING FACT	 OR = 2.61

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UNIT: Martin 8

EQUIVALENT		ADJUSTED ACTUAL	AVERAGE	FUEL	ADJUSTED
AVAILABILITY POINTS	SAVINGS/(LOSS)	EQUIVALENT AVAILABILITY	HEAT RATE POINTS	SAVING/(LOSS)	ACTUAL AVG. HEAT RATES
POINTS	(\$000)	AVAILABILIT	POINTS	(\$000)	HEAT KATES
+10	3,714.0	94.9	+10	5,615.0	6,737
+9	3,342.6	94.7	+9	5,053.5	6,747
+8	2,971.2	94.4	+8	4,492.0	6,757
+7	2,599.8	94.2	+7	3,930.5	6,767
+6	2,228.4	93.9	+6	3,369.0	6,777
+5	1,857.0	93.7	+5	2,807.5	6,787
+4	1,485.6	93.4	+4	2,246.0	6,796
+3	1,114.2	93.2	+3	1,684.5	6,806
+2	742.8	92.9	+2	1,123.0	6,816
+1	371.4	92.7	+1	561.5	6,826
				0 <- Fuel	6,836 <- Adj. Act.
				Sav/(Loss)	HR=6.864
0	0	92.4	0	0	6,911
				0	6,986
-1	(371.4)	92.2	-1	(561.5)	6,996
-2	(742.8)	91.9	-2	(1,123.0)	7,006
-3	(1,114.2)	91.7	-3	(1,684.5)	7,016
-4	(1,485.6) <- Adj. Act. EAF= -1.485.6	91.4 <- Adj. Act. EAF= 91.4	-4	(2,246.0)	7,026
_	,		_	(0.00= =)	
-5	(1,857.0)	91.2	-5	(2,807.5)	7,036
-6	(2,228.4)	90.9	-6	(3,369.0)	7,045
-7	(2,599.8)	90.7	-7	(3,930.5)	7,055
-8	(2,971.2)	90.4	-8	(4,492.0)	7,065
-9	(3,342.6)	90.2	-9	(5,053.5)	7,075
-10	(3,714.0)	89.9	-10	(5,615.0)	7,085
	WEIGHTING FACT	OR = 3.36		WEIGHTING FAC	TOR = 5.07

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UNIT: Manatee 3

EQUIVALENT AVAILABILITY POINTS	FUEL ASAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES
+10	3,271.0 <- Fuel Sav/(Loss) 3,271.0	85.8 <- Adj. Act. EAF= 87.4	+10	4,381.0	6,780
+9	2,943.9	85.5	+9	3,942.9	6,791
+8	2,616.8	85.2	+8	3,504.8	6,801
+7	2,289.7	84.9	+7	3,066.7	6,812
+6	1,962.6	84.6	+6	2,628.6	6,822
+5	1,635.5	84.3	+5	2,190.5	6,833
+4	1,308.4	84.0	+4	1,752.4	6,844
+3	981.3	83.7	+3	1,314.3	6,854
+2	654.2	83.4	+2	876.2	6,865
+1	327.1	83.1	+1	438.1	6,875
				0 <- Fuel Sav/(Loss)	6,886 <- Adj. Act. HR=6,943
0	0	82.8	0	0	6,961
				0	7,036
-1	(327.1)	82.5	-1	(438.1)	7,047
-2	(654.2)	82.2	-2	(876.2)	7,057
-3	(981.3)	81.9	-3	(1,314.3)	7,068
-4	(1,308.4)	81.6	-4	(1,752.4)	7,078
-5	(1,635.5)	81.3	-5	(2,190.5)	7,089
-6	(1,962.6)	81.0	-6	(2,628.6)	7,100
-7	(2,289.7)	80.7	-7	(3,066.7)	7,110
-8	(2,616.8)	80.4	-8	(3,504.8)	7,121
-9	(2,943.9)	80.1	-9	(3,942.9)	7,131
-10	(3,271.0)	79.8	-10	(4,381.0)	7,142
	WEIGHTING FACT	 OR = 2.95		WEIGHTING FACTO	- DR = 3.96

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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	10,750.0 <- Fuel Sav/(Loss) 10,750.0	94.3 <- Adj. Act. EAF= 99.9	+10	10,810.0	10,334
+9	9,675.0	94.0	+9	9,729.0	10,363
+8	8,600.0	93.6	+8	8,648.0	10,393
+7	7,525.0	93.3	+7	7,567.0	10,422
+6	6,450.0	92.9	+6	6,486.0	10,452
+5	5,375.0	92.6	+5	s, 10010	- Fuel 10,481 <- Adj. Act. av/(Loss) HR=10,495 886.1
+4	4,300.0	92.2	+4	4,324.0	10,510
+3	3,225.0	91.9	+3	3,243.0	10,540
+2	2,150.0	91.5	+2	2,162.0	10,569
+1	1,075.0	91.2	+1	1,081.0	10,599
				0	10,628
0	0	90.8	0	0	10,703
				0	10,778
-1	(1,075.0)	90.4	-1	(1,081.0)	10,807
-2	(2,150.0)	90.1	-2	(2,162.0)	10,837
-3	(3,225.0)	89.8	-3	(3,243.0)	10,866
-4	(4,300.0)	89.4	-4	(4,324.0)	10,896
-5	(5,375.0)	89.1	-5	(5,405.0)	10,925
-6	(6,450.0)	88.7	-6	(6,486.0)	10,954
-7	(7,525.0)	88.4	-7	(7,567.0)	10,984
-8	(8,600.0)	88.0	-8	(8,648.0)	11,013
-9	(9,675.0)	87.7	-9	(9,729.0)	11,043
-10	(10,750.0)	87.3	-10	(10,810.0)	11,072
	WEIGHTING FAC	 TOR = 9.71		WEIGHT	 NG FACTOR = 9.77

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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	7,383.0	86.4	+10	8,128.0	10,213
+9	6,644.7	86.1	+9	7,315.2	10,240
+8	5,906.4	85.8	+8	6,502.4	10,267
+7	5,168.1 <- Fuel Sav/(Loss) 5,411.7	85.5 <- Adj. Act. EAF= 85.6	+7	5,689.6 <- Fuel Sav/(Los: 5,364.5	10,293 <- Adj. Act. s) HR=10,304
+6	4,429.8	85.2	+6	4,876.8	10,320
+5	3,691.5	84.9	+5	4,064.0	10,347
+4	2,953.2	84.6	+4	3,251.2	10,374
+3	2,214.9	84.3	+3	2,438.4	10,401
+2	1,476.6	84.0	+2	1,625.6	10,427
+1	738.3	83.7	+1	812.8	10,454
				0	10,481
0	0	83.4	0	0	10,556
				0	10,631
-1	(738.3)	83.1	-1	(812.8)	10,658
-2	(1,476.6)	82.8	-2	(1,625.6)	10,685
-3	(2,214.9)	82.5	-3	(2,438.4)	10,711
-4	(2,953.2)	82.2	-4	(3,251.2)	10,738
-5	(3,691.5)	81.9	-5	(4,064.0)	10,765
-6	(4,429.8)	81.6	-6	(4,876.8)	10,792
-7	(5,168.1)	81.3	-7	(5,689.6)	10,819
-8	(5,906.4)	81.0	-8	(6,502.4)	10,845
-9	(6,644.7)	80.7	-9	(7,315.2)	10,872
-10	(7,383.0)	80.4	-10	(8,128.0)	10,899
	WEIGHTING FA	 CTOR = 6.67		WEIGHTING FA	 ACTOR = 7.34

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JCB-1, DOCKET NO. 150001-EI FPL Witness: J. Carine Bullock

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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	8,093.0 <- Fuel Sav/(Loss) 8,093.0	84.6 <- Adj. Act. EAF 87.0	= +10	5,803.0	10,747
+9	7,283.7	84.3	+9	5,222.7	10,767
+8	6,474.4	83.9	+8	4,642.4	10,788
+7	5,665.1	83.6	+7	4,062.1	10,808
+6	4,855.8	83.2	+6	3,481.8	10,828
+5	4,046.5	82.9	+5	2,901.5	10,849
+4	3,237.2	82.5	+4	2,321.2	10,869
+3	2,427.9	82.2	+3	1,740.9	10,889
+2	1,618.6	81.8	+2	1,160.6	10,909
+1	809.3	81.5	+1	580.3	10,930
				0	10,950
0	0	81.1	0	0	11,025
				0	11,100
-1	(809.3)	80.7	-1	(580.3)	11,120
-2	(1,618.6)	80.4	-2	(1,160.6)	11,141
-3	(2,427.9)	80.1	-3	(1,740.9)	11,161
-4	(3,237.2)	79.7	-4	(2,321.2)	11,181
-5	(4,046.5)	79.4	-5	(2,901.5)	11,202
-6	(4,855.8)	79.0	-6	(3,481.8)	11,222
-7	(5,665.1)	78.7	-7	(4,062.1) <- Fuel Sav/(Loss) - 4,288.4	11,242 <- Adj. Act. HR=11,250
-8	(6,474.4)	78.3	-8	(4,642.4)	11,262
-9	(7,283.7)	78.0	-9	(5,222.7)	11,283
-10	(8,093.0)	77.6	-10	(5,803.0)	11,303
	WEIGHTING FACTOR :	 = 7.31		WEIGHTING FACTOR =	 5.24

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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	6,823.0 <- Fuel Sav/(Loss) 6,823.0	86.7 <- Adj. Act. EAF= 87.7	+10	4,294.0	10,854
+9	6,140.7	86.4	+9	3,864.6	10,875
+8	5,458.4	86.1	+8	3,435.2	10,896
+7	4,776.1	85.8	+7	3,005.8	10,917
+6	4,093.8	85.5	+6	2,576.4	10,938
+5	3,411.5	85.2	+5	2,147.0	10,959
+4	2,729.2	84.9	+4	1,717.6	10,979
+3	2,046.9	84.6	+3	1,288.2	11,000
+2	1,364.6	84.3	+2	858.8	11,021
+1	682.3	84.0	+1	429.4 <- Fuel Sav/(Loss) 30.1	11,042 <- Adj. Act. HR=11,062
				0	11,063
0	0	83.7	0	0	11,138
				0	11,213
-1	(682.3)	83.4	-1	(429.4)	11,234
-2	(1,364.6)	83.1	-2	(858.8)	11,255
-3	(2,046.9)	82.8	-3	(1,288.2)	11,276
-4	(2,729.2)	82.5	-4	(1,717.6)	11,297
-5	(3,411.5)	82.2	-5	(2,147.0)	11,318
-6	(4,093.8)	81.9	-6	(2,576.4)	11,338
-7	(4,776.1)	81.6	-7	(3,005.8)	11,359
-8	(5,458.4)	81.3	-8	(3,435.2)	11,380
-9	(6,140.7)	81.0	-9	(3,864.6)	11,401
-10	(6,823.0)	80.7	-10	(4,294.0)	11,422
	WEIGHTING FAC	 TOR = 6.16		WEIGHTING FA	 CTOR = 3.88

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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	3,116.0 <- Fuel Sav/(Loss) 3,116.0	80.5 <- Adj. Act. EAF- 83.6	+ 10	3,151.0	6,907
+9	2,804.4	80.3	+9	2,835.9	6,914
+8	2,492.8	80.0	+8	2,520.8	6,922
+7	2,181.2	79.8	+7	2,205.7	6,929
+6	1,869.6	79.5	+6	1,890.6	6,936
+5	1,558.0	79.3	+5	1,575.5	6,944
+4	1,246.4	79.0	+4	1,260.4	6,951
+3	934.8	78.8	+3	945.3	6,958
+2	623.2	78.5	+2	630.2	6,965
+1	311.6	78.3	+1	315.1	6,973
				0 <- Fuel Sav/(Lo	6,980 <- Adj. Act. HR=7,014
0	0	78.0	0	0	7,055
				0	7,130
-1	(311.6)	77.8	-1	(315.1)	7,137
-2	(623.2)	77.5	-2	(630.2)	7,145
-3	(934.8)	77.3	-3	(945.3)	7,152
-4	(1,246.4)	77.0	-4	(1,260.4)	7,159
-5	(1,558.0)	76.8	-5	(1,575.5)	7,167
-6	(1,869.6)	76.5	-6	(1,890.6)	7,174
-7	(2,181.2)	76.3	-7	(2,205.7)	7,181
-8	(2,492.8)	76.0	-8	(2,520.8)	7,188
-9	(2,804.4)	75.8	-9	(2,835.9)	7,196
-10	(3,116.0)	75.5	-10	(3,151.0)	7,203
	WEIGHTING FAC	CTOR = 2.81		WEIGHTING	FACTOR = 2.85

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UNIT: West County 1

EQUIVALENT AVAILABILITY	FUEL SAVINGS/(LOSS)	ADJUSTED ACTUAL EQUIVALENT	AVERAGE HEAT RATE	FUEL SAVING/(LOSS)	ADJUSTED ACTUAL AVG.
POINTS	(\$000)	AVAILABILITY	POINTS	(\$000)	HEAT RATES
+10	4,213.0	82.2	+10	4,578.0	6,699
+9	3,791.7	81.9	+9	4,120.2	6,706
+8	3,370.4	81.6	+8	3,662.4	6,713
+7	2,949.1	81.3	+7	3,204.6	6,719
+6	2,527.8 <- Fuel Sav/(Loss) 2.810.1	81.0 <- Adj. Act. E. 81.2	AF= +6	2,746.8	6,726
+5	2,106.5	80.7	+5	2,289.0	6,733
+4	1,685.2	80.4	+4	1,831.2	6,740
+3	1,263.9	80.1	+3	1,373.4	6,747
+2	842.6	79.8	+2	915.6	6,753
+1	421.3	79.5	+1	457.8	6,760
				0	6,767
0	0	79.2	0	0	6,842
				_	
				0	6,917
-1	(421.3)	78.9	-1	(457.8)	6,924
-2	(842.6)	78.6	-2	(915.6)	6,931
-3	(1,263.9)	78.3	-3	(1,373.4)	6,937
-4	(1,685.2)	78.0	-4	(1,831.2)	6,944
-5	(2,106.5)	77.7	-5	(2,289.0)	6,951
-6	(2,527.8)	77.4	-6	(2,746.8)	6,958
-7	(2,949.1)	77.1	-7	(3,204.6)	6,965
-8	(3,370.4)	76.8	-8	(3,662.4)	6,971
-9	(3,791.7)	76.5	-9	(4,120.2)	6,978
-10	(4,213.0)	76.2	-10	(4,578.0) <- Fuel Sav/(Loss) - 4,578.0	6,985 <- Adj. Act. HR=6,994
	WEIGHTING FAC	TOR = 3.81		WEIGHTING FAC	 TOR = 4.14

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UNIT: West County 2

			-		
EQUIVALENT		ADJUSTED ACTUAL	AVERAGE	FUEL	ADJUSTED
AVAILABILITY	SAVINGS/(LOSS)	EQUIVALENT	HEAT RATE	SAVING/(LOSS	
POINTS	(\$000)	AVAILABILITY	POINTS	(\$000)	HEAT RATES
+10	4,409.0 <- Fuel Sav/(Loss) 4,409.0	89.2 <- Adj. Act. EA 91.7	F= +10	5,327.0	6,694
+9	3,968.1	88.9	+9	4,794.3	6,702
+8	3,527.2	88.6	+8	4,261.6	6,710
+7	3,086.3	88.3	+7	3,728.9	6,718
+6	2,645.4	88.0	+6		- Fuel 6,726 <- Adj. Act. av/(Loss) HR=6,732 ,764.7
+5	2,204.5	87.7	+5	2,663.5	6,734
+4	1,763.6	87.4	+4	2,130.8	6,741
+3	1,322.7	87.1	+3	1,598.1	6,749
+2	881.8	86.8	+2	1,065.4	6,757
+1	440.9	86.5	+1	532.7	6,765
				0	6,773
0	0	86.2	0	0	6,848
				_	
				0	6,923
-1	(440.9)	85.9	-1	(532.7)	6,931
-2	(881.8)	85.6	-2	(1,065.4)	6,939
-3	(1,322.7)	85.3	-3	(1,598.1)	6,947
-4	(1,763.6)	85.0	-4	(2,130.8)	6,955
-5	(2,204.5)	84.7	-5	(2,663.5)	6,963
-6	(2,645.4)	84.4	-6	(3,196.2)	6,970
-7	(3,086.3)	84.1	-7	(3,728.9)	6,978
-8	(3,527.2)	83.8	-8	(4,261.6)	6,986
-9	(3,968.1)	83.5	-9	(4,794.3)	6,994
-10	(4,409.0)	83.2	-10	(5,327.0)	7,002
	WEIGHTING FACT	 OR = 3.98		WEIGHTI	 NG FACTOR = 4.81

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ACTUAL PLANNED OUTAGES

FLORIDA POWER & LIGHT COMPANY

JANUARY THROUGH DECEMBER, 2014

PLANT/UNIT	ACTUAL PLANNED OUTAGE DATE	REASON FOR OUTAGE
Ft. Myers 2	10/31/14 - 12/12/14; 11/7/14 - 12/18/14	CT-2B generator rotor outage; CT-2D HRSG outage
Martin 8	3/6/14 - 3/24/14	CT-8A HRSG outage
Manatee 3	5/26/14 - 6/18/14; 5/30/14 - 6/21/14	CT-3A .04 upgrade; CT-3B .04 upgrade
	5/29/14 - 6/26/14; 5/30/14 - 6/16/14	CT-3C .04 upgrade; CT-3D .04 upgrade
	7/22/14 - 8/18/14; 5/30/14 - 6/19/14	CT-3D .04 upgrade and rotor change out; Steam turbine outage
St. Lucie 1	6/5/14; 9/10/14; 10/15/14	Partial load reduction for turbine valve tests and Moderator Temperature Coefficient (MTC) test
St. Lucie 2	3/2/14 - 4/26/14	Refueling outage
Turkey Point 3	1/15/14 - 1/17/14; 3/15/14 - 5/1/14	MTC test partial load reduction; Main Steam Safety Valve testing and refueling outage
	7/2/14 - 7/3/14; 8/15/14 - 8/16/14; 8/25/14 - 8/27/14	Partial load reduction for turbine valve test and Auxiliary Feed Water tests
Turkey Point 4	5/24/14 - 5/30/14	Reactor Coolant System check valve repair (4-875A)
	8/5/14 - 8/15/14; 9/20/14 - 10/27/14	Moderator Temperature Coefficient test partial load reduction; Refueling outage
Turkey Point 5	2/1/14 - 2/28/14; 2/15/14 - 3/15/14	CT-5A major overhaul; CT-5B major overhaul
	5/1/14 - 5/30/14; 6/2/14 - 6/29/14	CT-5C major overhaul; CT-5D major overhaul
	11/6/14 - 11/23/14	Steam Turbine outage
West County 1	9/26/14 - 11/2114; 10/10/14 - 11/30/14	CT-1A major overhaul; CT-1B major overhaul
	9/30/14 - 11/28/14; 10/10/14 - 11/22/14	CT-1C major overhaul; Steam turbine outage
West County 2	6/23/14 - 7/10/14; 6/13/14 - 7/5/14	CT-2A combustion inspection (CI) outage; CT-2B CI outage
	6/19/14 - 7/8/14; 6/22/14 - 7/6/14	CT-2C combustion inspection (CI) outage; Steam turbine outage

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