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March 15, 2017

-VIA ELECTRONIC FILING -

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

Re: Docket No. 170001-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 2016 and the prefiled testimony and exhibit of FPL witness Charles R. Rote.

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

Sincerely,

<u>s/ John T. Butler</u>

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: 170001-EI

Filed: March 15, 2017

PETITION FOR APPROVAL OF GPIF RESULTS FOR THE PERIOD JANUARY 2016 THROUGH DECEMBER 2016

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

of a Generating Performance Incentive Factor ("GPIF") reward of \$9,656,036 for the period

January 2016 through December 2016. In support of this Petition, FPL states as follows:

By Order No. PSC-15-0586-FOF-EI dated December 23, 2015, the Commission

approved GPIF Targets for FPL for the period January 2016 through December 2016. The

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

\$9,656,036. The same strong performance that results in this reward generated \$19,320,088 in

fuel savings for FPL's customers. The calculations of FPL's GPIF reward and associated fuel

savings are discussed and supported in the prepared testimony and exhibit of FPL witness

Charles R. Rote, which are being filed with and incorporated in this Petition.

WHEREFORE, Florida Power & Light Company respectfully requests the Commission

to approve \$9,656,036 as FPL's GPIF reward for the period January 2016 through December

2016 and include this amount in the calculation of the Fuel Cost Recovery Factors for the period January 2018 through December 2018.

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. 170001-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by electronic service on this 15th day of March 2017 to the following:

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By: s/John T. Butler_

John T. Butler Fla. Bar No. 283479

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 170001-EI FLORIDA POWER & LIGHT COMPANY

MARCH 15, 2017

GENERATING PERFORMANCE INCENTIVE FACTOR PERFORMANCE RESULTS FOR

JANUARY 2016 THROUGH DECEMBER 2016

TESTIMONY & EXHIBIT OF:

CHARLES R. ROTE

1		BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
2		FLORIDA POWER & LIGHT COMPANY
3		TESTIMONY OF CHARLES R. ROTE
4		DOCKET NO. 170001-EI
5		MARCH 15, 2017
6		
7	Q.	Please state your name and business address.
8	A.	My name is Charles R. Rote, 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
12		the Business Services Manager in the Power Generation Division of FPL.
13	Q.	Please summarize your educational background and professional
14		experience.
15	A.	I graduated from DePauw University with a Bachelor's degree in Industrial
16		Psychology in 1991. I subsequently earned a Master of Business
17		Administration from Pace University in New York in 1994. I am a Certified
18		Public Accountant in the state of New York. Prior to joining FPL in 2009, I
19		held various auditing positions at Price Waterhouse LLP and Pfizer Inc. From
20		1999 to 2009, I worked for Rinker Materials (acquired by Cemex in 2008) in
21		various audit, accounting and development capacities. I have been in my
22		current role at FPL since 2009 where I have responsibility for all Budgeting,
23		Forecasting, Regulatory and Internal Controls activities for FPL's fossil

generating assets. I have previously testified as a Generating Performance

Incentive Factor ("GPIF") witness and since January 2013, I have also

overseen the overall preparation and filing of GPIF documents including

testimony, exhibits, audits and discovery.

5 Q. What is the purpose of your testimony?

- 6 The purpose of my testimony is to report actual 2016 performance for A. 7 Equivalent Availability Factor ("EAF") and Average Net Operating Heat Rate 8 ("ANOHR") for the eleven generating units used to determine the GPIF and to 9 calculate the resulting GPIF reward. I have compared the performance of 10 each unit to the revised targets approved in the final Commission Order No. 11 PSC-15-0586-FOF-EI issued December 23, 2015, for the period January 12 through December 2016, and performed the reward/penalty calculations 13 prescribed by the GPIF Manual. My testimony presents the result of these 14 calculations: \$19,320,088 of fuel savings to FPL's customers as a result of the 15 availability and efficiency of FPL's GPIF generating units, and a GPIF reward 16 of \$9,656,036.
- 17 Q. Have you prepared, or caused to have prepared under your direction, 18 supervision, or control any exhibits in this proceeding?
- 19 A. Yes. Exhibit CRR-1 shows the reward/penalty calculations. Page 1 of
 20 Exhibit CRR-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.

The steps involved in making this calculation are provided in Exhibit CRR-1. Page 2 provides the GPIF Reward/Penalty Table (Actual), which shows an overall GPIF performance point value of +2.4839, \$19,320,088 in fuel savings and a GPIF reward of \$9,656,036. Page 3 provides the calculation of the maximum allowed incentive dollars as approved by Commission Order No. PSC-13-0665-FOF-EI issued December 18, 2013. 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 unit points.

A.

Page 5 is the actual EAF and adjustments summary. This page, in columns 1 through 5, lists each of the eleven 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 18. These tables are based on the targets and target ranges previously submitted to, and approved by, the Commission.

Continuing with Exhibit CRR-1, page 7 shows the adjustments to ANOHR. For each GPIF unit it shows, in columns 2 through 4, the target heat rate formula, and the actual net output factor ("NOF") and ANOHR for all units. Since heat rate varies with NOF, it is necessary to determine both the target

1		and actual heat rates at the same NOF. This adjustment provides a common
2		basis for comparison purposes and is shown numerically for each GPIF unit in
3		columns 5 through 8. Column 9 contains the Generating Performance
4		Incentive Points as determined by interpolating from the tables shown on
5		pages 8 through 18. These tables are based on the targets and target ranges
6		submitted to, and approved by, the Commission.
7	Q.	Please explain the primary reason why FPL will receive a reward under
8		the GPIF for the January through December 2016 period.
9	A.	The primary reason that FPL will receive a reward for the period is that
10		adjusted actual EAFs for eight out of the eleven GPIF units were better than
11		their targets. In addition, four out of the eleven GPIF units operated with an
12		adjusted actual ANOHR that was below the ± 75 Btu/kWh dead band.
13	Q.	Please summarize each nuclear unit's performance as it relates to the
14		EAF of the units.
15	A.	St. Lucie Unit 1 operated at an adjusted actual EAF of 83.2%, compared to its
16		target of 85.1%. This results in -6.33 points, which corresponds to a GPIF
17		penalty of \$2,138,486.
18		
19		St. Lucie Unit 2 operated at an adjusted actual EAF of 100.0%, compared to

its target of 92.5%. This results in +10.0 points, which corresponds to a GPIF

reward of \$3,234,358.

1		Turkey Point Unit 3 operated at an adjusted actual EAF of 98.7% compared to
2		its target of 90.8%. This results in +10.0 points, which corresponds to a GPIF
3		reward of \$3,560,904.
4		
5		Turkey Point Unit 4 operated at an adjusted actual EAF of 90.1% compared to
6		its target of 84.6%. This results in +10.0 points, which corresponds to a GPII
7		reward of \$2,853,388.
8		
9		In total, the combined nuclear units' EAF performance resulted in a GPII
10		reward of \$7,510,164.
11	Q.	Please summarize each nuclear unit's performance as it relates to unit's
12		ANOHR.
13	A.	The St. Lucie Unit 1 adjusted actual ANOHR is 10,432 Btu/kWh compared to
14		its target of 10,471 Btu/kWh. This ANOHR is within the ±75 Btu/kWh dead
15		band around the projected target; therefore, there is no GPIF reward or
16		penalty.
17		
18		The St. Lucie Unit 2 adjusted actual ANOHR is 10,273 Btu/kWh compared to
19		its target of 10,270 Btu/kWh. This ANOHR is within the ±75 Btu/kWh dead
		hand arrand the projected towards therefore there is no CDIE arrand a
20		band around the projected target; therefore, there is no GPIF reward or
20 21		penalty.

1		The Turkey Point Unit 3 adjusted actual ANOHR is 10,991 Btu/kWh
2		compared to its target of 11,102 Btu/kWh. This ANOHR is better than the
3		± 75 Btu/kWh dead band around the projected target. This results in ± 1.9
4		points, which corresponds to a GPIF reward of \$121,288.
5		
6		Turkey Point Unit 4 adjusted actual ANOHR results in 10,885 Btu/kWh
7		compared to its target of 11,082 Btu/kWh. This ANOHR is better than the
8		±75 Btu/kWh dead band around the projected target. This results in +9.04
9		points, which corresponds to a GPIF reward of \$389,911.
10		
11		In total, the combined nuclear units' heat rate performance resulted in a GPIF
12		reward of \$511,199.
13	Q.	What is the total GPIF reward for FPL's nuclear units?
14	A.	\$8,021,363.
15	Q.	Please summarize the performance of FPL's fossil units.
16	A.	Regarding EAF performance, five of the seven fossil generating units
17		performed better than their availability targets resulting in a combined reward
18		of \$4,423,530 while the other two performed worse than their availability
19		targets resulting in a combined penalty of \$2,325,473. Thus, the total fossil
20		units' availability performance results in a net GPIF reward of \$2,098,057.
21		
22		Regarding ANOHR, two out of the seven fossil units operated with an
23		ANOHR that was below the ±75 Btu/kWh dead band, resulting in a combined

reward of \$1,065,939. Out of the remaining five fossil units, three operated with ANOHRs that were within the ±75 Btu/kWh dead band so there were no incentive rewards or penalties while the other two operated above the dead band so they received a combined penalty of \$1,529,323. Thus, the total

fossil units' heat rate performance results in a net GPIF penalty of \$463,384.

- 6 Q. What is the total GPIF reward/penalty for FPL's fossil units?
- 7 A. The net GPIF availability performance reward of \$2,098,057 plus the net GPIF heat rate performance penalty of \$463,384 results in a total GPIF reward for FPL's fossil units of \$1,634,673.
- 10 Q. To recap, what is the total GPIF result for the period January through
 11 December 2016?
- 12 A. The total GPIF result for the period January through December 2016 is \$19,320,088 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 \$9,656,036.
- 16 **Q. Does this conclude your testimony?**
- 17 A. Yes.

5

GENERATING PERFORMANCE INCENTIVE FACTOR JANUARY THROUGH DECEMBER, 2016

CRR-1

DOCKET NO. 170001-EI

FPL Witness: Charles R. Rote

Exhibit No.: _

Pages 1 - 19 March 15, 2017

FLORIDA POWER & LIGHT COMPANY

JANUARY THROUGH DECEMBER, 2016

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 - 6.203.018	GPIF Units Points Tables
6.203.019	Planned Outages Schedule (Actual)

Issued by: Florida Power & Light Company

CRR-1, DOCKET NO. 170001-EI

FPL Witness: Charles R. Rote Exhibit No.:

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GENERATING PERFORMANCE INCENTIVE FACTOR

REWARD/PENALTY TABLE (ACTUAL)

FLORIDA POWER & LIGHT COMPANY JANUARY THROUGH DECEMBER, 2016

GENERATNG		GENERATING		
PERFORMANCE			PERFORMANCE	
INCENTIVE	FUEL	INCENTIVE		
POINTS	SAVINGS/(LOSS)	FACTOR		
(GPIF)	(\$000)		(\$000)	
+ 10	77,749		38,875	
+ 9	69,974		34,987	
+ 8	62,199		31,100	
+ 7	54,424		27,212	
+ 6	46,649		23,325	
+ 5	38,875		19,437	
+ 4	31,100		15,550	
+ 3	23,325		11,662	
+ 2 < 2.4839	9 15,550 <	19,320.088	7,775 < 9	9,656.036
+ 1	7,775		3,887	
0	0		0	
- 1	(7,775)		(3,887)	
- 2	(15,550)		(7,775)	
- 3	(23,325)		(11,662)	
- 4	(31,100)		(15,550)	
- 5	(38,875)		(19,437)	
- 6	(46,649)		(23,325)	
- 7	(54,424)		(27,212)	
- 8	(62,199)		(31,100)	
- 9	(69,974)		(34,987)	
- 10	(77,749)		(38,875)	

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CRR-1, DOCKET NO. 170001-EI FPL Witness: Charles R. Rote

Exhibit No.: ____

Page 2 of 19

GENERATING PERFORMANCE INCENTIVE FACTOR

CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

ACTUAL

FLORIDA POWER & LIGHT COMPANY JANUARY THROUGH DECEMBER, 2016

LINE 1	BEGINNING OF PERIOD BALANCE OF C END OF MONTH BALANCE OF COMMON		\$ 15	552,688,093	
LINE 2	MONTH OF January 20	016	\$ 15	716,269,575	
LINE 3	MONTH OF February 20	016	\$ 15	820,299,705	
LINE 4		016		045,806,406	
LINE 5	MONTH OF April 20	016		143,676,552	
LINE 6	MONTH OF May 20	016		325,902,667	
LINE 7		016		493,446,367	
LINE 8	•	016		687,483,659	
LINE 9	S .	016	\$ 15	891,870,889	
LINE 10	MONTH OF September 20	016		608,719,643	
LINE 11		016		727,363,825	
LINE 12		016		463,421,619	
LINE 13	MONTH OF December 20	016	\$ 16	580,111,072	
LINE 14	AVERAGE COMMON EQUITY FOR THE (SUMMATION OF LINE1 THROUGH LINE		\$ 15	,696,696,929	
LINE 15	25 BASIS POINTS			0.0025	
LINE 16	REVENUE EXPANSION FACTOR			61.3808%	
LINE 17	MAXIMUM ALLOWED INCENTIVE DOLLA (LINE 14 TIMES LINE 15 DIVIDED BY LIN		\$	63,931,624	
LINE 18	JURISDICTIONAL SALES		109	,662,645,000	KWH
LINE 19	TOTAL SALES		116	285,167,000	KWH
LINE 20	JURISDICTIONAL SEPARATION FACTOR (LINE 18 DIVIDED BY LINE 19)	R		94.30%	
LINE 21	MAXIMUM ALLOWED JURISDICTIONAL (LINE 17 TIMES LINE 20)	INCENTIVE DOLLARS	\$	60,287,521	
LINE 22	INCENTIVE CAP (50 PECENT OF PROJE AT 10 GPIF-POINT LEVEL FROM SHEET		\$	38,874,500	
LINE 23	MAXIMUM ALLOWED GPIF REWARD (A' (THE LESSER OF LINE 21 AND LINE 22)		\$	38,874,500	

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

CRR-1, DOCKET NO. 170001-EI FPL Witness: Charles R. Rote Exhibit No.: Page 3 of 19

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JANUARY THROUGH DECEMBER, 2016

DERIVATION OF SYSTEM ACTUAL GPIF POINTS

PLANT/UNIT	PERFORMANCE INDICATOR	WEIGHTING FACTOR %	UNIT POINTS	WEIGHTED UNIT POINTS
PLAINT/UNIT	INDICATOR	FACTOR //	POINTS	POINTS
Ft. Myers 2	EAF	3.47	3.60	.1249
Ft. Myers 2	ANOHR	7.76	1.65	.1280
Martin 8	EAF	2.16	8.00	.1728
Martin 8	ANOHR	2.91	0.00	.0000
Manatee 3	EAF	2.74	8.40	.2302
Manatee 3	ANOHR	4.84	3.02	.1462
St. Lucie 1	EAF	8.69	-6.33	5501
St. Lucie 1	ANOHR	0.52	0.00	.0000
St. Lucie 2	EAF	8.32	10.00	.8320
St. Lucie 2	ANOHR	0.56	0.00	.0000
Turkey Point 3	EAF	9.16	10.00	.9160
Turkey Point 3	ANOHR	1.64	1.90	.0312
Turkey Point 4	EAF	7.34	10.00	.7340
Turkey Point 4	ANOHR	1.11	9.04	.1003
Turkey Point 5	EAF	2.11	10.00	.2110
Turkey Point 5	ANOHR	2.84	0.00	.0000
West County 1	EAF	3.55	-7.60	2698
West County 1	ANOHR	7.40	-2.83	2094
West County 2	EAF	3.99	10.00	.3990
West County 2	ANOHR	7.75	0.00	.0000
West County 3	EAF	3.57	-9.20	3284
West County 3	ANOHR	7.57	-2.43	1840

GPIF System Total:	100	2.4839

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CRR-1, DOCKET NO. 170001-EI FPL Witness: Charles R. Rote

Exhibit No.: ___

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ACTUAL EQUIVALENT AVAILABILITY AND ADJUSTMENTS

JANUARY THROUGH DECEMBER, 2016

1	2	3	4	5	6	7	8	9			
		ACT	UAL		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	0.4	3.8	3.0	92.8	-1.6	91.2	90.3	3.60	01/01/16 - 01/26/16; 04/16/16 - 04/22/16	1/1/16-2/1/16; 3/12/16-3/17/16	970.6
									08/06/16 - 08/12/16; 08/13/16 - 08/19/16 08/20/16 - 08/26/16	3/11/16-3/17/16; 3/12/16-3/17/16 3/12/16-3/17/16	
Martin 8	0.4	2.9	11.8	84.9	-1.0	83.9	82.3	8.00	01/14/16 - 01/20/16; 01/22/16 - 03/21/16	12/10/16-12/31/16; 1/8/16-1/16/16	1,344.8
									01/29/16 - 03/28/16; 10/15/16 - 12/13/16	1/4/16-3/18/16 & 3/21/16-3/25/16	
Manatee 3	0.1	3.3	0.0	96.6	-1.9	94.7	92.6	8.40	01/09/16 - 01/15/16; 01/16/16 - 01/22/16	1/17/16-3/22/16 & 3/25/16-3/27/16 NONE	1,786.7
Manatee 3	0.1	3.3	0.0	90.0	-1.5	94.7	92.0	0.40	01/23/16 - 01/29/16	NONE	1,700.7
St. Lucie 1	7.9	0.0	12.7	79.4	3.8	83.2	85.1	-6.33	09/26/16 - 10/27/16	3/21/16, 3/24/16; 4/4/16	(4,275.3)
										9/24/16-11/12/16	
St. Lucie 2	0.0	0.0	2.2	97.8	2.2	100.0	92.5	10.00	NONE	4/11/16 10/6/16-10/15/16	6,470.0
Turkey Point 3	1.3	0.0	0.0	98.7	0.0	98.7	90.8	10.00	NONE	10/6/16-10/15/16 NONE	7,125.0
rankoy r omit o	1.0	0.0	0.0	00.1	0.0	00.7	00.0	10.00	HONE	HONE	7,120.0
Turkey Point 4	0.9	0.0	9.4	89.8	0.3	90.1	84.6	10.00	03/28/16 - 04/30/16	1/14/16-1/16/16; 3/28/16-5/3/16	5,710.0
										10/28/16-10/30/16	
Turkey Point 5	0.4	0.9	2.1	96.6	-0.4	96.2	93.5	10.00	10/01/16 - 10/07/16; 10/05/16 - 10/09/16	3/1/16-3/8/16; 3/8/16-3/14/16	1,638.0
West County 1	0.8	8.3	0.0	90.9	-2.0	88.9	90.8	-7.60	10/08/16 - 10/14/16 12/03/16 - 12/10/16	3/5/16-3/11/16 NONE	(2,096.8)
vvest obuilty 1	0.0	0.0	0.0	30.3	2.0	00.5	50.0	7.00	12/00/10 12/10/10	NONE	(2,000.0)
West County 2	0.2	3.7	3.8	92.4	1.5	93.9	90.1	10.00	11/05/16 - 11/12/16	11/6/16-11/18/16; 11/6/16-11/14/16	3,106.0
										10/30/16-11/20/16; 11/0616-11/18/16	
West County 3	0.7	7.7	2.5	89.1	0.3	89.4	91.7	-9.20	03/26/16 - 04/02/16	3/18/16 - 3/27/16; 3/18/16 - 3/26/16	(2,554.8)
										3/17/16 - 3/27/16; 3/18/16 - 3/27/16	

19,224.078

⁽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, 2016

		AC ⁻	TUAL	TAR	ADJUSTED ACTUAL		
PLANT / UNIT	PH	EFOH	EMOH	EPOH	POF%	EPOH	EAF%
Ft. Myers 2	8784	31.5	335.4	263.3	4.7	412.0	91.2
Martin 8	8784	36.6	253.3	1039.9	12.8	1122.0	83.9
Manatee 3	8784	12.5	289.4	0.0	1.9	168.0	94.7
St. Lucie 1	8784	692.9	0.0	1118.3	8.5	744.0	83.2
St. Lucie 2	8784	0.0	0.0	195.8	0.0	0.0	100.0
Turkey Point 3	8784	117.6	0.0	0.0	0.0	0.0	98.7
Turkey Point 4	8784	76.7	0.0	823.5	9.0	792.0	90.1
Turkey Point 5	8784	31.2	77.7	188.4	2.6	228.0	96.2
West County 1	8784	65.9	730.6	0.0	2.2	192.0	88.9
West County 2	8784	14.3	323.6	333.8	2.2	192.0	93.9
West County 3	8784	58.6	675.5	223.7	2.2	192.0	89.4

		$PH - EPOH_T$
	(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, 2016

1		2		3	4	5	6	7	8	9	
				А	CTUAL	TARGET (2)	ADJUST.(3)		ADJUST. (5)	GPIF ⁽⁶⁾	ACTUAL
						ANOHR AT	TO	TARGET (4)	ACTUAL	POINTS	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=	-11.28 x NOF +	8,157	75.6	7,216	7,304	-88	7,344	7,256	1.65	995.8
Martin 8	ANOHR=	-6.72 x NOF +	7,450	69.8	6,941	6,981	-40	7,017	6,977	0.00	0.0
Manatee 3	ANOHR=	-4.54 x NOF +	7,331	76.3	6,891	6,985	-94	7,011	6,917	3.02	1137.0
St. Lucie 1	ANOHR=	-49.96 x NOF +	15,392	100.2	10,347	10,386	-39	10,471	10,432	0.00	0.0
St. Lucie 2	ANOHR=	-21.43 x NOF +	12,379	102.1	10,194	10,191	3	10,270	10,273	0.00	0.0
Turkey Point 3	ANOHR=	-32.19 x NOF +	14,286	101.6	10,904	11,015	-111	11,102	10,991	1.90	241.7
Turkey Point 4	ANOHR=	-53.36 x NOF +	16,359	99.8	10,837	11,034	-197	11,082	10,885	9.04	778.3
Turkey Point 5	ANOHR=	-7.99 x NOF +	7,702	69.0	7,078	7,151	-73	7,132	7,059	0.00	0.0
West County 1	ANOHR=	-8.24 x NOF +	7,554	65.5	7,123	7,014	109	6,967	7,076	-2.83	(1627.3)
West County 2	ANOHR=	-6.37 x NOF +	7,365	74.3	6,956	6,892	64	6,891	6,955	0.00	0.0
West County 3	ANOHR=	-9.31 x NOF +	7,552	66.0	7,038	6,938	100	6,851	6,951	-2.43	(1429.6)

96.010

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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	2,696.0 2,426.4	92.8 92.6	+10 +9	6,035.0 5,431.5	7,190 7,198
+8	2,156.8	92.3	+8	4,828.0	7,206
+7	1,887.2	92.1	+7	4,224.5	7,214
+6	1,617.6	91.8	+6	3,621.0	7,222
+5	1,348.0	91.6	+5	3,017.5	7,230
+4	1,078.4	91.3	+4	2,414.0	7,237
+3	808.8 <- Fuel Sav/(Loss) 970.6	91.1 <- Adj. Act. EAF= 91.2	+3	1,810.5	7,245
+2	539.2	90.8	+2	1,207.0 <- Fuel Sav/(Lo 995.8	7,253 <- Adj. Act. HR=7,256
+1	269.6	90.6	+1	603.5	7,261
				0	7,269
0	0	90.3	0	0	7,344
				0	7,419
-1	(269.6)	90.1	-1	(603.5)	7,427
-2	(539.2)	89.8	-2	(1,207.0)	7,435
-3	(8.808)	89.6	-3	(1,810.5)	7,443
-4	(1,078.4)	89.3	-4	(2,414.0)	7,451
-5	(1,348.0)	89.1	-5	(3,017.5)	7,459
-6	(1,617.6)	88.8	-6	(3,621.0)	7,466
-7	(1,887.2)	88.6	-7	(4,224.5)	7,474
-8	(2,156.8)	88.3	-8	(4,828.0)	7,482
-9	(2,426.4)	88.1	-9	(5,431.5)	7,490
-10	(2,696.0)	87.8	-10	(6,035.0)	7,498
	WEIGHTING FAC	 CTOR = 3.47		WEIGHTING F	 ACTOR = 7.76

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UNIT: Martin 8

EQUIVALENT		ADJUSTED ACTUAL	AVERAGE	FUEL	ADJUSTED
AVAILABILITY	SAVINGS/(LOSS)	EQUIVALENT	HEAT RATE	SAVING/(LOSS)	ACTUAL AVG.
POINTS	(\$000)	AVAILABILITY	POINTS	(\$000)	HEAT RATES
+10	1,681.0	84.3	+10	2,261.0	6,927
+9	1,512.9	84.1	+9	2,034.9	6,929
+8	1,344.8 <- Fuel Sav/(Loss) 1,344.8	83.9 <- Adj. Act. EAF= 83.9	+8	1,808.8	6,930
+7	1,176.7	83.7	+7	1,582.7	6,932
+6	1,008.6	83.5	+6	1,356.6	6,933
+5	840.5	83.3	+5	1,130.5	6,935
+4	672.4	83.1	+4	904.4	6,936
+3	504.3	82.9	+3	678.3	6,938
+2	336.2	82.7	+2	452.2	6,939
+1	168.1	82.5	+1	226.1	6,941
				0 <- Fuel Sav/(Loss)	6,942 <- Adj. Act. HR=6,977
0	0	82.3	0	0	7,017
				0	7,092
-1	(168.1)	82.1	-1	(226.1)	7,094
-2	(336.2)	81.9	-2	(452.2)	7,095
-3	(504.3)	81.7	-3	(678.3)	7,097
-4	(672.4)	81.5	-4	(904.4)	7,098
-5	(840.5)	81.3	-5	(1,130.5)	7,100
-6	(1,008.6)	81.1	-6	(1,356.6)	7,101
-7	(1,176.7)	80.9	-7	(1,582.7)	7,103
-8	(1,344.8)	80.7	-8	(1,808.8)	7,104
-9	(1,512.9)	80.5	-9	(2,034.9)	7,106
-10	(1,681.0)	80.3	-10	(2,261.0)	7,107
	WEIGHTING FACT	 OR = 2.16		WEIGHTING FACT	 ГОR = 2.91
	WEIGHTING PACT	ON = 2.10		WEIGHTING FAC	I U N = 2.31

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CRR-1, DOCKET NO. 170001-EI FPL Witness: Charles R. Rote

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UNIT: Manatee 3

EQUIVALENT AVAILABILITY POINTS	FUEL A SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES
+10	2,127.0	95.1	+10	3,765.0	6,873
+9	1,914.3	94.9	+9	3,388.5	6,879
+8	1,701.6 <- Fuel Sav/(Loss) 1,786.7	94.6 <- Adj. Act. EAF= 94.7	+8	3,012.0	6,886
+7	1,488.9	94.4	+7	2,635.5	6,892
+6	1,276.2	94.1	+6	2,259.0	6,898
+5	1,063.5	93.9	+5	1,882.5	6,905
+4	850.8	93.6	+4	1,506.0 <- Fuel Sav/(Loss 1,137.0	6,911 <- Adj. Act. HR=6,917
+3	638.1	93.4	+3	1,129.5	6,917
+2	425.4	93.1	+2	753.0	6,923
+1	212.7	92.9	+1	376.5	6,930
				0	6,936
0	0	92.6	0	0	7,011
				0	7,086
-1	(212.7)	92.4	-1	(376.5)	7,092
-2	(425.4)	92.1	-2	(753.0)	7,099
-3	(638.1)	91.9	-3	(1,129.5)	7,105
-4	(850.8)	91.6	-4	(1,506.0)	7,111
-5	(1,063.5)	91.4	-5	(1,882.5)	7,118
-6	(1,276.2)	91.1	-6	(2,259.0)	7,124
-7	(1,488.9)	90.9	-7	(2,635.5)	7,130
-8	(1,701.6)	90.6	-8	(3,012.0)	7,136
-9	(1,914.3)	90.4	-9	(3,388.5)	7,143
-10	(2,127.0)	90.1	-10	(3,765.0)	7,149
	WEIGHTING FACT	 OR = 2.74		WEIGHTING FA	ACTOR = 4.84

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UNIT: St. Lucie 1

EQUIVALENT AVAILABILITY POINTS	FUEL A SAVINGS/(LOSS) (\$000)	ADJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES
+10	6,754.0	88.1	+10	406.0	10,391
+9	6,078.6	87.8	+9	365.4	10,392
+8	5,403.2	87.5	+8	324.8	10,392
+7	4,727.8	87.2	+7	284.2	10,393
+6	4,052.4	86.9	+6	243.6	10,393
+5	3,377.0	86.6	+5	203.0	10,394
+4	2,701.6	86.3	+4	162.4	10,394
+3	2,026.2	86.0	+3	121.8	10,395
+2	1,350.8	85.7	+2	81.2	10,395
+1	675.4	85.4	+1	40.6	10,396
				0 <- Fuel Sav/(Lo	
0	0	85.1	0	0	10,471
				0	10,546
-1	(675.4)	84.8	-1	(40.6)	10,547
-2	(1,350.8)	84.5	-2	(81.2)	10,547
-3	(2,026.2)	84.2	-3	(121.8)	10,548
-4	(2,701.6)	83.9	-4	(162.4)	10,548
-5	(3,377.0)	83.6	-5	(203.0)	10,549
-6	(4,052.4)	83.3	-6	(243.6)	10,549
-7	(4,727.8) <- Fuel Sav/(Loss) (4,275.3)	83.0 <- Adj. Act. EAF= 83.2	-7	(284.2)	10,550
-8	(5,403.2)	82.7	-8	(324.8)	10,550
-9	(6,078.6)	82.4	-9	(365.4)	10,551
-10	(6,754.0)	82.1	-10	(406.0)	10,551
	WEIGHTING FACT	 OR = 8.69		WEIGHTING	FACTOR = 0.52

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CRR-1, DOCKET NO. 170001-EI FPL Witness: Charles R. Rote

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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	6,470.0 <- Fuel Sav/(Loss) 6,470.0	95.5 <- Adj. Act. EAF= 100.0	+10	439.0	10,175
+9	5,823.0	95.2	+9	395.1	10,177
+8	5,176.0	94.9	+8	351.2	10,179
+7	4,529.0	94.6	+7	307.3	10,181
+6	3,882.0	94.3	+6	263.4	10,183
+5	3,235.0	94.0	+5	219.5	10,185
+4	2,588.0	93.7	+4	175.6	10,187
+3	1,941.0	93.4	+3	131.7	10,189
+2	1,294.0	93.1	+2	87.8	10,191
+1	647.0	92.8	+1	43.9	10,193
				0	10,195
0	0	92.5	0	0 <- Fuel Sav/(Lo	10,270 <- Adj. Act. HR=10,273
				0	10,345
-1	(647.0)	92.2	-1	(43.9)	10,347
-2	(1,294.0)	91.9	-2	(87.8)	10,349
-3	(1,941.0)	91.6	-3	(131.7)	10,351
-4	(2,588.0)	91.3	-4	(175.6)	10,353
-5	(3,235.0)	91.0	-5	(219.5)	10,355
-6	(3,882.0)	90.7	-6	(263.4)	10,357
-7	(4,529.0)	90.4	-7	(307.3)	10,359
-8	(5,176.0)	90.1	-8	(351.2)	10,361
-9	(5,823.0)	89.8	-9	(395.1)	10,363
-10	(6,470.0)	89.5	-10	(439.0)	10,365
	WEIGHTING FACT	 OR = 8.32		WEIGHTING	FACTOR = 0.56

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UNIT: Turkey Point 3

EQUIVALENT AVAILABILITY SAVINGS/(LOSS) EQUIVALENT HEAT RATE SAVING/(LOSS) ACTUAL AVG.						
POINTS (\$000) AVAILABILITY POINTS (\$000) HEAT RATES +10		-				
+10						
Sav(Loss)	FOINTS	(\$000)	AVAILABILITI	FOINTS	(\$000)	HEAT RAILS
7,125.0 +9	+10			+10	1,272.0	10,838
+8 5,700.0 93.6 +8 1,017.6 10,876 +7 4,987.5 93.3 +7 890.4 10,895 +6 4,275.0 92.9 +6 763.2 10,914 +5 3,562.5 92.6 +5 636.0 10,933 +4 2,850.0 92.2 +4 508.8 10,951 +3 2,137.5 91.9 +3 381.6 10,970 +2 1,425.0 91.5 +2 254.4 ←Fuel Saw/(Loss) 244.7 11,008 +1 712.5 91.2 +1 127.2 11,008 0 11,1027 0 0 90.8 0 0 0 11,177 -1 (712.5) 90.4 -1 (127.2) 11,196 -2 (1,425.0) 90.1 -2 (254.4) 11,215 -3 (2,137.5) 89.8 -3 (381.6) 11,234 -4 (2,850.0) 89.4 -4 (508.8) 11,253 -5 (3,562.5) 89.1 -5 (636.0) 11,272 -6 (4,275.0) 88.7 -6 (763.2) 11,290 -7 (4,987.5) 88.4 -7 (890.4) 11,309 -8 (5,700.0) 88.0 -8 (1,017.6) 11,328 -9 (6,412.5) 87.7 -9 (1,144.8) 11,347		7,125.0		_		40.000
+7		·			·	·
+6						
+5 3,562.5 92.6 +5 636.0 10,933 +4 2,850.0 92.2 +4 508.8 10,951 +3 2,137.5 91.9 +3 381.6 10,970 +2 1,425.0 91.5 +2 254.4 <-Fuel Saw(Loss) 10,989 - Adj. / HR=10,95 +1 712.5 91.2 +1 127.2 11,008 0 11,027 0 0 90.8 0 0 0 11,177 -1 (712.5) 90.4 -1 (127.2) 11,196 -2 (1,425.0) 90.1 -2 (254.4) 11,215 -3 (2,137.5) 89.8 -3 (381.6) 11,234 -4 (2,850.0) 89.4 -4 (508.8) 11,253 -5 (3,562.5) 89.1 -5 (636.0) 11,272 -6 (4,275.0) 88.7 -6 (763.2) 11,290 -7 (4,987.5) 88.4 -7 (890.4) 11,309 -8 (5,700.0) 88.0 -8 (1,017.6) 11,328 -9 (6,412.5) 87.7 -9 (1,144.8) 11,347	+7		93.3			
+4 2,850.0 92.2 +4 508.8 10,951 +3 2,137.5 91.9 +3 381.6 10,970 +2 1,425.0 91.5 +2 254.4 < Fuel Saw/(Loss) 241.7 +1 712.5 91.2 +1 127.2 11,008	+6	4,275.0	92.9	+6	763.2	10,914
+3 2,137.5 91.9 +3 381.6 10,970 +2 1,425.0 91.5 +2 254.4 < Fuel Saw/(Loss) 241.7 11,008 +1 712.5 91.2 +1 127.2 11,008	+5	3,562.5	92.6	+5	636.0	10,933
+2 1,425.0 91.5 +2 254.4 <-Fuel Sav(ILoss) 241.7 11,008 HR=10,98	+4	2,850.0	92.2	+4	508.8	10,951
HR=10,91 +1 712.5 91.2 +1 127.2 11,008 0 11,027 0 0 90.8 0 0 11,102 0 11,177 -1 (712.5) 90.4 -1 (127.2) 11,196 -2 (1,425.0) 90.1 -2 (254.4) 11,215 -3 (2,137.5) 89.8 -3 (381.6) 11,234 -4 (2,850.0) 89.4 -4 (508.8) 11,234 -4 (2,850.0) 89.4 -4 (508.8) 11,253 -5 (3,562.5) 89.1 -5 (636.0) 11,272 -6 (4,275.0) 88.7 -6 (763.2) 11,290 -7 (4,987.5) 88.4 -7 (890.4) 11,309 -8 (5,700.0) 88.0 -8 (1,017.6) 11,328 -9 (6,412.5) 87.7 -9 (1,144.8) 11,347	+3	2,137.5	91.9	+3	381.6	10,970
+1 712.5 91.2 +1 127.2 11,008 0 11,027 0 0 90.8 0 0 0 11,102 0 11,177 -1 (712.5) 90.4 -1 (127.2) 11,196 -2 (1,425.0) 90.1 -2 (254.4) 11,215 -3 (2,137.5) 89.8 -3 (381.6) 11,234 -4 (2,850.0) 89.4 -4 (508.8) 11,253 -5 (3,562.5) 89.1 -5 (636.0) 11,272 -6 (4,275.0) 88.7 -6 (763.2) 11,290 -7 (4,987.5) 88.4 -7 (890.4) 11,309 -8 (5,700.0) 88.0 -8 (1,017.6) 11,328 -9 (6,412.5) 87.7 -9 (1,144.8) 11,347	+2	1,425.0	91.5	+2		10,989 <- Adj. Act.
0 0 90.8 0 0 11,027 0 0 11,102 0 11,177 1 (712.5) 90.4 -1 (127.2) 11,196 -2 (1,425.0) 90.1 -2 (254.4) 11,215 -3 (2,137.5) 89.8 -3 (381.6) 11,234 -4 (2,850.0) 89.4 -4 (508.8) 11,253 -5 (3,562.5) 89.1 -5 (636.0) 11,272 -6 (4,275.0) 88.7 -6 (763.2) 11,290 -7 (4,987.5) 88.4 -7 (890.4) 11,309 -8 (5,700.0) 88.0 -8 (1,017.6) 11,328 -9 (6,412.5) 87.7 -9 (1,144.8) 11,347		740 5	24.0		241.7	
0 0 90.8 0 0 11,102 0 11,177 -1 (712.5) 90.4 -1 (127.2) 11,196 -2 (1,425.0) 90.1 -2 (254.4) 11,215 -3 (2,137.5) 89.8 -3 (381.6) 11,234 -4 (2,850.0) 89.4 -4 (508.8) 11,253 -5 (3,562.5) 89.1 -5 (636.0) 11,272 -6 (4,275.0) 88.7 -6 (763.2) 11,290 -7 (4,987.5) 88.4 -7 (890.4) 11,309 -8 (5,700.0) 88.0 -8 (1,017.6) 11,328 -9 (6,412.5) 87.7 -9 (1,144.8) 11,347	+1	/12.5	91.2	+1		
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-3 (2,137.5) 89.8 -3 (381.6) 11,234 -4 (2,850.0) 89.4 -4 (508.8) 11,253 -5 (3,562.5) 89.1 -5 (636.0) 11,272 -6 (4,275.0) 88.7 -6 (763.2) 11,290 -7 (4,987.5) 88.4 -7 (890.4) 11,309 -8 (5,700.0) 88.0 -8 (1,017.6) 11,328 -9 (6,412.5) 87.7 -9 (1,144.8) 11,347	-1	(712.5)	90.4	-1	(127.2)	11,196
-4 (2,850.0) 89.4 -4 (508.8) 11,253 -5 (3,562.5) 89.1 -5 (636.0) 11,272 -6 (4,275.0) 88.7 -6 (763.2) 11,290 -7 (4,987.5) 88.4 -7 (890.4) 11,309 -8 (5,700.0) 88.0 -8 (1,017.6) 11,328 -9 (6,412.5) 87.7 -9 (1,144.8) 11,347	-2	(1,425.0)	90.1	-2	(254.4)	11,215
-5 (3,562.5) 89.1 -5 (636.0) 11,272 -6 (4,275.0) 88.7 -6 (763.2) 11,290 -7 (4,987.5) 88.4 -7 (890.4) 11,309 -8 (5,700.0) 88.0 -8 (1,017.6) 11,328 -9 (6,412.5) 87.7 -9 (1,144.8) 11,347	-3	(2,137.5)	89.8	-3	(381.6)	11,234
-5 (3,562.5) 89.1 -5 (636.0) 11,272 -6 (4,275.0) 88.7 -6 (763.2) 11,290 -7 (4,987.5) 88.4 -7 (890.4) 11,309 -8 (5,700.0) 88.0 -8 (1,017.6) 11,328 -9 (6,412.5) 87.7 -9 (1,144.8) 11,347	-4	(2,850.0)	89.4	-4	(508.8)	11,253
-7 (4,987.5) 88.4 -7 (890.4) 11,309 -8 (5,700.0) 88.0 -8 (1,017.6) 11,328 -9 (6,412.5) 87.7 -9 (1,144.8) 11,347	-5	(3,562.5)	89.1	-5	(636.0)	11,272
-8 (5,700.0) 88.0 -8 (1,017.6) 11,328 -9 (6,412.5) 87.7 -9 (1,144.8) 11,347	-6	(4,275.0)	88.7	-6	(763.2)	11,290
-8 (5,700.0) 88.0 -8 (1,017.6) 11,328 -9 (6,412.5) 87.7 -9 (1,144.8) 11,347	-7	(4,987.5)	88.4	-7	(890.4)	11,309
-9 (6,412.5) 87.7 -9 (1,144.8) 11,347	-8	(5,700.0)	88.0	-8	(1,017.6)	11,328
	-9		87.7	-9		
	-10			-10		
						·
WEIGHTING FACTOR = 9.16 WEIGHTING FACTOR = 1.64		WEIGHTING FACTOR	= 9.16		WEIGHTING FACTOR	R = 1.64

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CRR-1, DOCKET NO. 170001-EI FPL Witness: Charles R. Rote

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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	5,710.0 <- Fuel Sav/(Loss) 5,710.0	87.6 <- Adj. Act. EAF= 90.1	+10	861.0	10,797
+9	5,139.0	87.3	+9	774.9	10,818
+8	4,568.0	87.0	+8	688.8	10,839
+7	3,997.0	86.7	+7	602.7	10,860
+6	3,426.0	86.4	+6	516.6 <- Fur Sav/(I 778.3	Loss) HR=10,885
+5	2,855.0	86.1	+5	430.5	10,902
+4	2,284.0	85.8	+4	344.4	10,923
+3	1,713.0	85.5	+3	258.3	10,944
+2	1,142.0	85.2	+2	172.2	10,965
+1	571.0	84.9	+1	86.1	10,986
				0	11,007
0	0	84.6	0	0	11,082
				0	11,157
-1	(571.0)	84.3	-1	(86.1)	11,178
-2	(1,142.0)	84.0	-2	(172.2)	11,199
-3	(1,713.0)	83.7	-3	(258.3)	11,220
-4	(2,284.0)	83.4	-4	(344.4)	11,241
-5	(2,855.0)	83.1	-5	(430.5)	11,262
-6	(3,426.0)	82.8	-6	(516.6)	11,283
-7	(3,997.0)	82.5	-7	(602.7)	11,304
-8	(4,568.0)	82.2	-8	(688.8)	11,325
-9	(5,139.0)	81.9	-9	(774.9)	11,346
-10	(5,710.0)	81.6	-10	(861.0)	11,367
	 WEIGHTING FAC	 TOR = 7.34		 WEIGHTING	 G FACTOR = 1.11

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CRR-1, DOCKET NO. 170001-EI FPL Witness: Charles R. Rote

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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	1,638.0 <- Fuel Sav/(Loss) 1,638.0	95.5 <- Adj. Act. EAF= 96.2	+10	2,207.0	7,047
+9	1,474.2	95.3	+9	1,986.3	7,048
+8	1,310.4	95.1	+8	1,765.6	7,049
+7	1,146.6	94.9	+7	1,544.9	7,050
+6	982.8	94.7	+6	1,324.2	7,051
+5	819.0	94.5	+5	1,103.5	7,052
+4	655.2	94.3	+4	882.8	7,053
+3	491.4	94.1	+3	662.1	7,054
+2	327.6	93.9	+2	441.4	7,055
+1	163.8	93.7	+1	220.7	7,056
				0 <- Fuel Sav/(Loss)	7,057 <- Adj. Act. HR=7,059
0	0	93.5	0	0	7,132
				0	7,207
-1	(163.8)	93.3	-1	(220.7)	7,208
-2	(327.6)	93.1	-2	(441.4)	7,209
-3	(491.4)	92.9	-3	(662.1)	7,210
-4	(655.2)	92.7	-4	(882.8)	7,211
-5	(819.0)	92.5	-5	(1,103.5)	7,212
-6	(982.8)	92.3	-6	(1,324.2)	7,213
-7	(1,146.6)	92.1	-7	(1,544.9)	7,214
-8	(1,310.4)	91.9	-8	(1,765.6)	7,215
-9	(1,474.2)	91.7	-9	(1,986.3)	7,216
-10	(1,638.0)	91.5	-10	(2,207.0)	7,217
	WEIGHTING FAC	 TOR = 2.11		WEIGHTING FAC	 CTOR = 2.84

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CRR-1, DOCKET NO. 170001-EI FPL Witness: Charles R. Rote

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UNIT: West County 1

			-		
EQUIVALENT AVAILABILITY POINTS	SAVINGS/(LOSS)	JUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES
+10	2,759.0	93.3	+10	5,750.0	6,772
+9	2,483.1	93.1	+9	5,175.0	6,784
+8	2,207.2	92.8	+8	4,600.0	6,796
+7	1,931.3	92.6	+7	4,025.0	6,808
+6	1,655.4	92.3	+6	3,450.0	6,820
+5	1,379.5	92.1	+5	2,875.0	6,832
+4	1,103.6	91.8	+4	2,300.0	6,844
+3	827.7	91.6	+3	1,725.0	6,856
+2	551.8	91.3	+2	1,150.0	6,868
+1	275.9	91.1	+1	575.0	6,880
				0	6,892
0	0	90.8	0	0	6,967
				0	7,042
-1	(275.9)	90.6	-1	(575.0)	7,054
-2	(551.8)	90.3	-2	(1,150.0) <- Fuel Sav/(Loss)	7,066 <- Adj. Act. HR=7,076
-3	(827.7)	90.1	-3	(1,627.3) (1,725.0)	7,078
-4	(1,103.6)	89.8	-4	(2,300.0)	7,090
-5	(1,379.5)	89.6	-5	(2,875.0)	7,102
-6	(1,655.4)	89.3	-6	(3,450.0)	7,114
-7	(1,931.3)	89.1	-7	(4,025.0)	7,126
-8	(2,207.2) <- Fuel Sav/(Loss) (2,096.8)	88.8 <- Adj. Act. EAF= 88.9	-8	(4,600.0)	7,138
-9	(2,483.1)	88.6	-9	(5,175.0)	7,150
-10	(2,759.0)	88.3	-10	(5,750.0)	7,162
	WEIGHTING FACTOR	R = 3.55		WEIGHTING FAC	TOR = 7.40

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CRR-1, DOCKET NO. 170001-EI FPL Witness: Charles R. Rote

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UNIT: West County 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	3,106.0 <- Fuel Sav/(Loss)	92.6 <- Adj. Act. EAF= 93.9	+10	6,027.0	6,671
+9	3,106.0 2,795.4	92.4	+9	5,424.3	6,686
+8	2,484.8	92.1	+8	4,821.6	6,700
+7	2,174.2	91.9	+7	4,218.9	6,715
+6	1,863.6	91.6	+6	3,616.2	6,729
+5	1,553.0	91.4	+5	3,013.5	6,744
+4	1,242.4	91.1	+4	2,410.8	6,758
+3	931.8	90.9	+3	1,808.1	6,773
+2	621.2	90.6	+2	1,205.4	6,787
+1	310.6	90.4	+1	602.7	6,802
				0	6,816
0	0	90.1	0	0 <- Fuel Sav/(Loss)	6,891 <- Adj. Act. HR=6,955
				0	6,966
-1	(310.6)	89.9	-1	(602.7)	6,981
-2	(621.2)	89.6	-2	(1,205.4)	6,995
-3	(931.8)	89.4	-3	(1,808.1)	7,010
-4	(1,242.4)	89.1	-4	(2,410.8)	7,024
-5	(1,553.0)	88.9	-5	(3,013.5)	7,039
-6	(1,863.6)	88.6	-6	(3,616.2)	7,053
-7	(2,174.2)	88.4	-7	(4,218.9)	7,068
-8	(2,484.8)	88.1	-8	(4,821.6)	7,082
-9	(2,795.4)	87.9	-9	(5,424.3)	7,097
-10	(3,106.0)	87.6	-10	(6,027.0)	7,111
	WEIGHTING FAC	TOR = 3.99		WEIGHTING FAC	 CTOR = 7.75

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CRR-1, DOCKET NO. 170001-EI FPL Witness: Charles R. Rote

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UNIT: West County 3

			-		
EQUIVALENT AVAILABILITY POINTS	FUEL A SAVINGS/(LOSS) (\$000)	DJUSTED ACTUAL EQUIVALENT AVAILABILITY	AVERAGE HEAT RATE POINTS	FUEL SAVING/(LOSS) (\$000)	ADJUSTED ACTUAL AVG. HEAT RATES
+10	2,777.0	94.2	+10	5,883.0	6,673
+9	2,499.3	94.0	+9	5,294.7	6,683
+8	2,221.6	93.7	+8	4,706.4	6,694
+7	1,943.9	93.5	+7	4,118.1	6,704
+6	1,666.2	93.2	+6	3,529.8	6,714
+5	1,388.5	93.0	+5	2,941.5	6,725
+4	1,110.8	92.7	+4	2,353.2	6,735
+3	833.1	92.5	+3	1,764.9	6,745
+2	555.4	92.2	+2	1,176.6	6,755
+1	277.7	92.0	+1	588.3	6,766
				0	6,776
0	0	91.7	0	0	6,851
				0	6,926
-1	(277.7)	91.5	-1	(588.3)	6,936
-2	(555.4)	91.2	-2	(1,176.6) <- Fuel Sav/(Loss) (1,429.6)	6,947 <- Adj. Act. HR=6,951
-3	(833.1)	91.0	-3	(1,764.9)	6,957
-4	(1,110.8)	90.7	-4	(2,353.2)	6,967
-5	(1,388.5)	90.5	-5	(2,941.5)	6,978
-6	(1,666.2)	90.2	-6	(3,529.8)	6,988
-7	(1,943.9)	90.0	-7	(4,118.1)	6,998
-8	(2,221.6)	89.7	-8	(4,706.4)	7,008
-9	(2,499.3)	89.5	-9	(5,294.7)	7,019
-10	(2,777.0) <- Fuel Sav/(Loss) (2,554.8)	89.2 <- Adj. Act. EAF= 89.4	-10	(5,883.0)	7,029
	WEIGHTING FACTO	DR = 3.57		WEIGHTING FAC	TOR = 7.57

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CRR-1, DOCKET NO. 170001-EI FPL Witness: Charles R. Rote

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ACTUAL PLANNED OUTAGES

FLORIDA POWER & LIGHT COMPANY

JANUARY THROUGH DECEMBER, 2016

PLANT/UNIT	ACTUAL PLANNED OUTAGE DATE	REASON FOR OUTAGE
Ft. Myers 2	1/1/16-2/1/16; 3/12/16-3/17/16 3/11/16-3/17/16; 3/12/16-3/17/16 3/12/16-3/17/16	CT-2A .05 compressor upgrade; CT-2A planned maintenance outage CT-2B planned maintenance outage; CT-2C planned maintenance outage CT-2D, CT-2E, CT-2F, ST-1 and ST-2 planned maintenance outages
Martin 8	12/10/16-12/31/16; 1/8/16-1/16/16 1/4/16-3/18/16 & 3/21/16-3/25/16 1/17/16-3/22/16 & 3/25/16-3/27/16	CT-8A .05 compressor upgrade; CT-8B Fuel caps replacement, boroscope inspection, balance of plant outage CT-8C .05 compressor upgrade and generator major CT-8D .05 compressor upgrade and generator major
Manatee 3	NONE	
St. Lucie 1	3/21/16, 3/24/16; 4/4/16 9/24/16-11/12/16	Partial load reduction for Turbine Valve Testing (TVT) and Moderator Temperature Coefficient (MTC) test. Partial load reduction for Main Steam Safety Valve (MSSV) testing & Refueling outage/hurricane Matthew
St. Lucie 2	4/11/16 10/6/16-10/15/16	Partial load reduction for Turbine Valve Testing (TVT) Unit down power, shut down, and power up due to hurricane Matthew
Turkey Point 3	NONE	
Turkey Point 4	1/14/16-1/16/16; 3/28/16-5/3/16 10/28/16-10/30/16	Partial load reduction for Moderator Temperature Coefficient (MTC) test; Refueling Electro-Hydraulic Control (EHC) line repair
Turkey Point 5	3/1/16-3/8/16; 3/8/16-3/14/16 3/5/16-3/11/16	CT-5A and CT-5B reliability outages; CT-5C and CT-5D reliability outages Steam turbine reliability outage
West County 1	NONE	
West County 2	11/6/16-11/18/16; 11/6/16-11/14/16 10/30/16-11/20/16; 11/0616-11/18/16	CT-2A reliability outage; CT-2B reliability outage CT-2C reliability outage; Steam turbine reliability outage
West County 3	3/18/16 - 3/27/16; 3/18/16 - 3/26/16 3/17/16 - 3/27/16; 3/18/16 - 3/27/16	CT-3A reliability outage; CT-3B reliability outage CT-3C reliability outage; Steam turbine reliability outage

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CRR-1, DOCKET NO. 170001-EI FPL Witness: Charles R. Rote Exhibit No.:

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