

Maria Jose Moncada Senior Attorney Florida Power & Light Company 700 Universe Boulevard Juno Beach, FL 33408-0420 (561) 304-5795 (561) 691-7135 (Facsimile) E-mail: maria.moncada@fpl.com

March 16, 2020

## -VIA ELECTRONIC FILING -

Adam Teitzman Commission Clerk Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850

**Re:** Docket No. 20200001-EI

Dear Mr. Teitzman:

I attach for electronic filing in the above docket Florida Power & Light Company's Petition for Approval of GPIF Results for the Period January 2019 through December 2019 and the accompanying prepared testimony and exhibit of FPL witness Charles R. Rote.

Please contact me if you have or your Staff has any questions regarding this filing.

Sincerely,

s/ Maria Jose Moncada
Maria Jose Moncada

Maria Jose Moncada

Attachments

cc: Counsel for Parties of Record (w/ attachments)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

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

Factor

Docket No: 20200001-EI

Filed: March 16, 2020

PETITION FOR APPROVAL OF GPIF RESULTS FOR THE PERIOD JANUARY 2019 THROUGH DECEMBER 2019

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

of a Generating Performance Incentive Factor ("GPIF") reward of \$8,125,681 for the period

January 2019 through December 2019. In support of this Petition, FPL states as follows:

By Order No. PSC-2018-0610-FOF-EI dated December 26, 2018, the Commission

approved GPIF Targets for FPL for the period January 2019 through December 2019. The

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

\$8,125,681. The same strong performance that results in this reward generated \$16,250,444 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 \$8,125,681 as FPL's GPIF reward for the period January 2019 through December

2019 and authorize FPL to include this amount in the calculation of the Fuel Cost Recovery Factors for the period January 2021 through December 2021.

# Respectfully submitted,

R. Wade Litchfield, Esq.
Vice President and General Counsel
Maria Jose Moncada
Senior Attorney
David M. Lee
Senior Attorney
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, Florida 33408-0420
Telephone: (561) 304-5795

Fax: (561) 691-7135

By: <u>s/ Maria Jose Moncada</u>

Maria Jose Moncada

Florida Bar No. 0773301

### **CERTIFICATE OF SERVICE**

### **Docket No. 20200001-EI**

# I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished

by electronic service on this 16th day of March 2020 to the following:

Suzanne Brownless
Division of Legal Services

Florida Public Service Commission 2540 Shumard Oak Blvd.
Tallahassee, Florida 32399-0850 sbrownle@psc.state.fl.us

Dianne M. Triplett 299 First Avenue North St. Petersburg, Florida 33701 dianne.triplett@duke-energy.com

Matthew R. Bernier
Duke Energy Florida
106 East College Avenue, Suite 800
Tallahassee, Florida 32301
matthew.bernier@duke-energy.com
FLRegulatoryLegal@duke-energy.com
Attorneys for Duke Energy Florida

Beth Keating Gunster Law Firm 215 South Monroe Street, Suite 601 Tallahassee, Florida 32301-1804 bkeating@gunster.com

Attorneys for Florida Public Utilities Company

Mike Cassel Director Regulatory Affairs Florida Public Utilities Company 208 Wildlight Avenue Yulee, Florida 32097 mcassel@fpuc.com J.R. Kelly Patricia A. Christensen Charles J. Rehwinkel Thomas A. (Tad) David Mireille Fall-Fry Stephanie Morse

Office of Public Counsel c/o The Florida Legislature 111 West Madison St., Room 812 Tallahassee, FL 32399-1400 kelly.jr@leg.state.fl.us christensen.patty@leg.state.fl.us rehwinkel.charles@leg.state.fl.us david.tad@leg.state.fl.us fall-fry.mireille@leg.state.fl.us morse.stephanie@leg.state.fl.us

James D. Beasley
J. Jeffrey Wahlen
Malcolm N. Means
Ausley & McMullen
P.O. Box 391
Tallahassee, Florida 32302
jbeasley@ausley.com
jwahlen@ausley.com
mmeans@ausley.com
Attorneys for Tampa Electric Company

Paula K. Brown, Manager **Tampa Electric Company** Regulatory Coordinator Post Office Box 111 Tampa, Florida 33601-0111 regdept@tecoenergy.com

Jon C. Moyle Moyle Law Firm, P.A. 118 N. Gadsden St. Tallahassee, Florida 32301 jmoyle@moylelaw.com mqualls@moylelaw.com **Attorneys for Florida Industrial Power** 

**Users Group** 

Russell A. Badders Vice President & Associate General Counsel One Energy Place, Bin 100 Pensacola, FL 32520-0100 russell.badders@nexteraenergy.com Telephone: (850) 444-6550

**Attorneys for Gulf Power Company** 

James W. Brew Laura A. Wynn Stone Mattheis Xenopoulos & Brew, PC 1025 Thomas Jefferson Street, NW Eighth Floor, West Tower Washington, DC 20007-5201 ibrew@smxblaw.com lwb@smxblaw.com

**Attorneys for White Springs Agricultural** Chemicals, Inc. d/b/a PCS Phosphate -White Springs

By: <u>s/Maria Jose Moncada</u>

Maria Jose Moncada Florida Bar No. 0773301

1		BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
2		FLORIDA POWER & LIGHT COMPANY
3		TESTIMONY OF CHARLES R. ROTE
4		DOCKET NO. 20200001-EI
5		MARCH 16, 2020
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 employed and in what capacity?
11	A.	I am employed by Florida Power & Light Company ("FPL"), as Business
12		Services Director in the Power Generation Division.
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. Since 2013, I have also overseen the preparation and filing

of the Generating Performance Incentive Factor ("GPIF") documents

including testimony, exhibits, audits and discovery.

# 4 Q. What is the purpose of your testimony?

- 5 The purpose of my testimony is to report FPL's actual 2019 performance for A. 6 Equivalent Availability Factor ("EAF") and Average Net Operating Heat Rate 7 ("ANOHR") for the twelve generating units used to determine its GPIF and to 8 calculate the resulting GPIF reward. I compared the performance of each unit 9 to the targets approved in the final Commission Order No. PSC-2018-0610-10 FOF-EI issued December 26, 2018 for the period January through December 11 2019, and performed the reward/penalty calculations prescribed by the GPIF 12 Manual. My testimony presents the result of these calculations: \$16,250,444 13 of fuel savings to FPL's customers as a result of the availability and efficiency 14 of FPL's GPIF generating units, and a GPIF reward of \$8,125,681.
- 15 Q. Have you prepared, or caused to have prepared under your direction, 16 supervision, or control any exhibits in this proceeding?
- 17 A. Yes. Exhibit CRR-1 shows the reward/penalty calculations. Page 1 of Exhibit CRR-1 is an index to the contents of the exhibit.
- Q. Please explain in general terms how the total GPIF reward/penalty
   amount was calculated.
- A. 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 +3.4115, \$16,250,444 in fuel savings

23

and a GPIF reward of \$8,125,681. 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 EAF and ANOHR, the weighting factors, and the associated GPIF unit points.

Page 5 is the actual EAF and adjustments summary. This page, in columns 1 through 5, lists each of the twelve 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 19. These tables are based on the targets and target ranges previously 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 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

1		incentive Points as determined by interpolating from the tables snown on
2		pages 8 through 19. These tables are based on the targets and target ranges
3		approved by the Commission.
4	Q.	Please explain the primary reason FPL will receive a reward under the
5		GPIF for the January through December 2019 period.
6	A.	The primary reason that FPL will receive a reward for the period is that
7		adjusted actual EAFs for ten out of the twelve GPIF units were better than
8		their targets. In addition, four out of the twelve GPIF units operated with an
9		adjusted actual ANOHR that was below the $\pm 75$ Btu/kWh dead band.
10	Q.	Please summarize each nuclear unit's performance as it relates to the
11		EAF.
12	A.	St. Lucie Unit 1 operated at an adjusted actual EAF of 71.2%, compared to its
13		target of 84.6%. This results in -10.0 points, which corresponds to a GPIF
14		penalty of \$2,079,355.
15		
16		St. Lucie Unit 2 operated at an adjusted actual EAF of 100.0%, compared to
17		its target of 93.6%. This results in +10.0 points, which corresponds to a GPIF
18		reward of \$1,924,535.
19		
20		Turkey Point Unit 3 operated at an adjusted actual EAF of 99.1% compared to
21		its target of 93.6%. This results in +10.0 points, which corresponds to a GPIF
22		reward of \$1,798,297.

1		Turkey Point Unit 4 operated at an adjusted actual EAF of 87.6% compared to
2		its target of 81.3%. This results in +10.0 points, which corresponds to a GPIF
3		reward of \$1,631,567.
4		
5		In total, the nuclear units' EAF performance results in a GPIF reward of
6		\$3,275,044.
7	Q.	Please summarize each nuclear unit's performance as it relates to
8		ANOHR.
9	A.	The St. Lucie Unit 1 adjusted actual ANOHR is 10,397 Btu/kWh compared to
10		its target of 10,404 Btu/kWh. This ANOHR is within the ±75 Btu/kWh dead
11		band around the projected target; therefore, there is no GPIF reward or
12		penalty.
13		
14		The St. Lucie Unit 2 adjusted actual ANOHR is 10,248 Btu/kWh compared to
15		its target of 10,268 Btu/kWh. This ANOHR is within the ±75 Btu/kWh dead
16		band around the projected target; therefore, there is no GPIF reward or
17		penalty.
18		
19		The Turkey Point Unit 3 adjusted actual ANOHR is 10,594 Btu/kWh
20		compared to its target of 11,021 Btu/kWh. This ANOHR is better than the
21		±75 Btu/kWh dead band around the projected target. This results in +10.0
22		points, which corresponds to a GPIF reward of 335,841.
23		

1		Turkey Point Unit 4 adjusted actual ANOHR is 10,942 Btu/kWh compared to
2		its target of 10,954 Btu/kWh. This ANOHR is within the $\pm 75$ Btu/kWh dead
3		band around the projected target; therefore, there is no GPIF reward or
4		penalty.
5		
6		In total, the nuclear units' heat rate performance results in a GPIF reward or
7		\$335,841.
8	Q.	What is the total GPIF reward for FPL's nuclear units?
9	A.	\$3,610,885.
10	Q.	Please summarize the performance of FPL's fossil units.
11	A.	Regarding EAF performance, seven of the eight fossil generating units
12		performed better than their availability targets as shown on Exhibit CRR-1
13		page 5, resulting in a combined reward of \$2,908,955. The other one
14		performed worse than its availability target as shown on Exhibit CRR-1, page
15		5, resulting in a penalty of \$477,561. Thus, the total fossil units' EAF
16		performance results in a net GPIF reward of \$2,431,394.
17		
18		Regarding ANOHR, four of the eight fossil units operated with ANOHRs that
19		were within the ±75 Btu/kWh dead band so there were no incentive rewards
20		or penalties. Another three operated below the dead band so they received a
21		combined reward of \$3,610,169 and one unit operated above the dead band so
22		it received a penalty of \$1,526,766. Thus, the total fossil units' heat rate
23		performance results in a net GPIF reward of \$2,083,403.

- 1 Q. What is the total GPIF reward/penalty for FPL's fossil units?
- 2 A. The net GPIF fossil availability performance reward of \$2,431,394 plus the
- and met GPIF heat rate fossil performance reward of \$2,083,403 results in a total
- 4 GPIF reward for FPL's fossil units of \$4,514,797.
- 5 Q. To recap, what is the total GPIF result for the period January through
- **December 2019?**
- 7 A. The total GPIF result for the period January through December 2019 is
- 8 \$16,250,444 of fuel savings to FPL's customers as a result of the availability
- 9 and efficiency of FPL's GPIF generating units, and a GPIF reward of
- 10 \$8,125,681.
- 11 Q. Does this conclude your testimony?
- 12 A. Yes.

# GENERATING PERFORMANCE INCENTIVE FACTOR JANUARY THROUGH DECEMBER, 2019

CRR-1
DOCKET NO. 20200001-EI
FPL Witness: Charles R. Rote
Exhibit No.:
Pages 1 - 20

March 16, 2020

## FLORIDA POWER & LIGHT COMPANY

## JANUARY THROUGH DECEMBER, 2019

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

Issued by: Florida Power & Light Company

CRR-1, DOCKET NO. 20200001-EI FPL Witness: Charles R. Rote

Exhibit No.: \_

### GENERATING PERFORMANCE INCENTIVE FACTOR

## REWARD/PENALTY TABLE ( ACTUAL )

# FLORIDA POWER & LIGHT COMPANY JANUARY THROUGH DECEMBER, 2019

GENERATNO PERFORMANO INCENTIVE POINTS (GPIF)	CE	FUEL VINGS/(LOSS) (\$000)		GENERATING PERFORMANCE INCENTIVE FACTOR (\$000)	
+ 10	-	47,637		23,819	
+ 9		42,873		21,437	
+ 8		38,110		19,055	
+ 7		33,346		16,673	
+ 6		28,582		14,291	
+ 5		23,819		11,909	
+ 4		19,055		9,527	
+ 3	< 3.4115	14,291 <	16,250.444	7,146 <	8,125.681
+ 2		9,527		4,764	
+ 1		4,764		2,382	
0		0		0	
- 1		(4,764)		(2,382)	
- 2		(9,527)		(4,764)	
- 3		(14,291)		(7,146)	
- 4		(19,055)		(9,527)	
- 5		(23,819)		(11,909)	
- 6		(28,582)		(14,291)	
- 7		(33,346)		(16,673)	
- 8		(38,110)		(19,055)	
- 9		(42,873)		(21,437)	
- 10		(47,637)		(23,819)	

Issued by: Florida Power & Light Company

CRR-1, DOCKET NO. 20200001-EI FPL Witness: Charles R. Rote

Exhibit No.: \_

Page 2 of 20

### **GENERATING PERFORMANCE INCENTIVE FACTOR**

### **CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS**

### **ACTUAL**

# FLORIDA POWER & LIGHT COMPANY JANUARY THROUGH DECEMBER, 2019

LINE 1	BEGINNING OF PERIOD BALANCE OF END OF MONTH BALANCE OF COMM		\$20	,429,221,803	
LINE 2 LINE 3		2019 2019		,899,236,128	
LINE 4	MONTH OF March	2019		,262,348,902	
LINE 5	MONTH OF April	2019		,452,596,443	
LINE 6	•	2019		,673,984,533	
LINE 7	MONTH OF June 2	2019	\$20	,522,901,172	
LINE 8	MONTH OF July 2	2019	\$20	,792,963,296	
LINE 9	MONTH OF August 2	2019	\$21	,049,754,959	
LINE 10	MONTH OF September 2	2019	\$20	,443,211,939	
LINE 11	MONTH OF October	2019	\$20	,605,370,574	
LINE 12	MONTH OF November 2	2019	\$20	,804,773,224	
LINE 13	MONTH OF December 2	2019	\$20	,848,759,623	
LINE 14	AVERAGE COMMON EQUITY FOR THI (SUMMATION OF LINE1 THROUGH LIN		\$20	,911,519,212	
LINE 15	25 BASIS POINTS			0.0025	
LINE 16	REVENUE EXPANSION FACTOR			74.6012%	
LINE 17	MAXIMUM ALLOWED INCENTIVE DOL (LINE 14 TIMES LINE 15 DIVIDED BY L	-	\$	70,077,645	
LINE 18	JURISDICTIONAL SALES		111	,929,429,000	KWH
LINE 19	TOTAL SALES		119	,244,153,891	KWH
LINE 20	JURISDICTIONAL SEPARATION FACTOR (LINE 18 DIVIDED BY LINE 19)	OR		93.87%	
LINE 21	MAXIMUM ALLOWED JURISDICTIONA (LINE 17 TIMES LINE 20)	AL INCENTIVE DOLLARS	\$	65,781,885	
LINE 22	INCENTIVE CAP (50 PERCENT OF PROAT 10 GPIF-POINT LEVEL FROM SHEE		\$	23,818,500	
LINE 23	MAXIMUM ALLOWED GPIF REWARD ( (THE LESSER OF LINE 21 AND LINE 2		\$	23,818,500	

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. 20200001-EI FPL Witness: Charles R. Rote

Exhibit No.: \_ Page 3 of 20

# JANUARY THROUGH DECEMBER, 2019

# DERIVATION OF SYSTEM ACTUAL GPIF POINTS

	PERFORMANCE	WEIGHTING	UNIT	WEIGHTED UNIT
PLANT/UNIT	INDICATOR	FACTOR %	POINTS	POINTS
Cape Canaveral 3	B EAF	2.89	10.00	.2890
Cape Canaveral 3		4.79	0.00	.0000
Manatee 3	EAF	2.19	1.60	.0350
Manatee 3	ANOHR	4.22	0.00	.0000
Ft. Myers 2	EAF	2.51	3.20	.0803
Ft. Myers 2	ANOHR	6.41	-10.00	6410
Martin 8	EAF	2.20	3.60	.0792
Martin 8	ANOHR	4.80	0.00	.0000
Riviera 5	EAF	2.67	2.80	.0748
Riviera 5	ANOHR	3.90	8.89	.3467
St. Lucie 1	EAF	8.73	-10.00	8730
St. Lucie 1	ANOHR	0.82	0.00	.0000
St. Lucie 2	EAF	8.08	10.00	.8080
St. Lucie 2	ANOHR	0.72	0.00	.0000
Turkey Point 3	EAF	7.55	10.00	.7550
Turkey Point 3	ANOHR	1.41	10.00	.1410
Turkey Point 4	EAF	6.85	10.00	.6850
Turkey Point 4	ANOHR	1.28	0.00	.0000
West County 1	EAF	4.01	-5.00	2005
West County 1	ANOHR	5.65	0.00	.0000
West County 2	EAF	2.49	10.00	.2490
West County 2	ANOHR	5.51	10.00	.5510
West County 3	EAF	4.14	10.00	.4140
West County 3	ANOHR	6.18	10.00	.6180

GPIF System Total:	100.00	3.4115

Issued by: Florida Power & Light Company

CRR-1, DOCKET NO. 20200001-EI FPL Witness: Charles R. Rote

Exhibit No.: \_

Page 4 of 20

### ACTUAL EQUIVALENT AVAILABILITY AND ADJUSTMENTS

#### JANUARY THROUGH DECEMBER, 2019

1	2	3	4	5	6	7	8	9			ACTUAL
		AC1	UAL		PLANNED OUTAGE ADJ TO	ADJUSTED ACTUAL	TARGET	POINTS FROM	ORIGINAL PLANNED OUTAGE	ACTUAL OUTAGE	ACTUAL FUEL SAVINGS/ (LOSS)
UNIT	FOF	MOF	POF	EAF	EAF <sup>(1)</sup>	EAF	EAF	TABLES	DATES	DATES	(\$000)
Cape Canaveral 3	0.5	4.6	7.2	87.7	-6.5	81.2	77.7	10.00	03/10/19 - 04/06/19; 04/26/19 - 05/09/19 05/10/19 - 06/06/19	7/15/19-8/24/19 11/05/19-12/15/19	1,375.0
Manatee 3	0.4	5.3	0.0	94.3	-2.7	91.6	91.2	1.60	01/16/19 - 01/21/19;	NONE	167.0
Ft. Myers 2	0.6	3.5	18.8	77.1	5.2	82.3	81.5	3.20	01/04/19 - 03/04/19; 01/25/19 - 03/20/19 03/04/19 - 05/04/19; 03/26/19 - 05/19/19	1/8/19-6/12/19; 6/19/19-6/19/19 1/8/19-1/16/19; 3/12/19-6/12/19 11/14/19-12/13/19; 11/4/19-12/14/19 1/1/19-1/4/19; 1/6/19-2/18/19	382.4
Martin 8	0.2	5.5	0.0	94.2	-2.5	91.7	90.8	3.60	10/03/19 - 10/09/19; 10/10/19 - 10/16/19	NONE	376.9
Riviera 5	0.5	6.3	4.1	89.1	-1.7	87.4	86.7	2.80	02/16/19 - 04/01/19;	2/15/19-4/5/19	355.6
St. Lucie 1	20.3	0.0	9.6	70.1	1.1	71.2	84.6	-10.00	09/02/19 - 10/02/19	10/12/19-11/20/19	(4,157.0)
St. Lucie 2	0.0	0.0	0.0	100.0	0.0	100.0	93.6	10.00	NONE	9/26/19	3,848.0
Turkey Point 3	0.9	0.0	0.0	99.1	0.0	99.1	93.6	10.00	NONE	NONE	3,597.0
Turkey Point 4	0.1	0.0	9.3	90.6	-3.0	87.6	81.3	10.00	03/11/19 - 04/25/19	3/8/19-4/15/19	3,263.0
West County 1	0.9	9.2	0.0	89.9	-4.0	85.9	87.4	-5.00	11/15/19 - 11/30/19;	NONE	(956.5)
West County 2	0.9	1.7	12.0	85.4	3.6	89.0	84.5	10.00	10/17/19 - 11/16/19; 10/17/19 - 12/19/19 10/24/19 - 11/23/19; 10/31/19 - 11/30/19	3/30/19-5/13/19; 4/2/19-5/16/19 4/6/19-5/19/19	1,186.0
West County 3	0.6	7.1	0.0	92.3	-4.1	88.2	86.8	10.00	02/20/19 - 03/07/19; 11/18/19 - 12/03/19 11/21/19 - 12/06/19	NONE	1,972.0

11,409.460

Issued by: Florida Power & Light Company

CRR-1, DOCKET NO. 20200001-EI FPL Witness: Charles R. Rote Exhibit No.:

Page 5 of 20

<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, 2019

	ACTUAL				TAR	ADJUSTED ACTUAL	
PLANT / UNIT	PH	EFOH	EMOH	EPOH	POF%	EPOH	EAF%
Cape Canaveral 3	8760	43.0	400.0	634.3	14.1	1232.0	81.2
Manatee 3	8760	33.3	466.4	0.0	2.9	252.0	91.6
Ft. Myers 2	8760	56.0	302.8	1644.5	13.3	1166.6	82.3
Martin 8	8760	18.6	485.2	0.0	2.7	240.0	91.7
Riviera 5	8760	45.6	552.7	357.0	5.9	520.0	87.4
St. Lucie 1	8760	1777.6	0.0	843.2	8.2	720.0	71.2
St. Lucie 2	8760	0.0	0.0	0.7	0.0	0.0	100.0
Turkey Point 3	8760	74.9	0.0	0.0	0.0	0.0	99.1
Turkey Point 4	8760	10.0	0.0	815.5	12.3	1080.0	87.6
West County 1	8760	80.0	8.808	0.0	4.4	384.0	85.9
West County 2	8760	80.7	152.1	1050.5	8.2	720.0	89.0
West County 3	8760	53.9	624.1	0.0	4.4	384.0	88.2

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

Issued by: Florida Power & Light Company

CRR-1, DOCKET NO. 20200001-E FPL Witness: Charles R. Rote

Exhibit No.: \_

Page 6 of 20

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

### JANUARY THROUGH DECEMBER, 2019

1		2		3	4	5	6	7	8	9	
				A	CTUAL	TARGET (2) ANOHR AT	ADJUST. <sup>(3)</sup>	TARGET (4)	ADJUST. <sup>(5)</sup> ACTUAL	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
ONIT		IONWOLA		70	D10/KWII	DIO/KWII	D10/RWII	D10/KWII	D10/RWII	IADEL	Ψ000
Cape Canaveral 3	ANOHR=	-1.04 x NOF +	6,711	58.8	6,632	6,650	-18	6,644	6,626	0.00	0.0
Manatee 3	ANOHR=	-1.25 x NOF +	6,998	75.2	6,897	6,904	-7	6,924	6,917	0.00	0.0
Ft. Myers 2	ANOHR=	-4.66 x NOF +	7,538	57.0	7,588	7,272	316	7,298	7,614	-10.00	(3052.0)
Martin 8	ANOHR=	-1.49 x NOF +	7,068	70.2	6,938	6,963	-25	6,977	6,952	0.00	0.0
Riviera 5	ANOHR=	-4.33 x NOF +	6,949	58.5	6,605	6,696	-91	6,661	6,570	8.89	1650.0
St. Lucie 1	ANOHR=	-28.84 x NOF +	13,242	101.0	10,322	10,329	-7	10,404	10,397	0.00	0.0
St. Lucie 2	ANOHR=	-20.69 x NOF +	12,306	102.7	10,161	10,181	-20	10,268	10,248	0.00	0.0
Turkey Point 3	ANOHR=	-46.05 x NOF +	15,575	103.2	10,396	10,823	-427	11,021	10,594	10.00	674.0
Turkey Point 4	ANOHR=	-48.13 x NOF +	15,685	100.5	10,836	10,848	-12	10,954	10,942	0.00	0.0
West County 1	ANOHR=	-8.05 x NOF +	7,653	69.3	7,093	7,095	-2	7,012	7,010	0.00	0.0
West County 2	ANOHR=	-8.67 x NOF +	7,636	71.1	6,861	7,020	-159	6,946	6,787	10.00	2626.0
West County 3	ANOHR=	-3.13 x NOF +	7,245	70.2	6,873	7,025	-152	6,982	6,830	10.00	2943.0

4,840.984

CRR-1, DOCKET NO. 20200001-EI

FPL Witness: Charles R. Rote

Exhibit No.:

<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.

**UNIT:** Cape Canaveral 3

EQUIVALENT	FUEL A	ADJUSTED ACTUAL	AVERAGE	FUEL SAVING/(LOSS)	ADJUSTED
AVAILABILITY POINTS	(\$000)	EQUIVALENT AVAILABILITY	HEAT RATE POINTS	(\$000)	ACTUAL AVG. HEAT RATES
+10	1,375.0 <- Fuel Sav/(Loss)	80.7 <- Adj. Act. EAF= 81.2	+10	2,283.0	6,517
+9	1.375.0 1,237.5	80.4	+9	2,054.7	6,522
+8	1,100.0	80.1	+8	1,826.4	6,527
+7	962.5	79.8	+7	1,598.1	6,533
+6	825.0	79.5	+6	1,369.8	6,538
+5	687.5	79.2	+5	1,141.5	6,543
+4	550.0	78.9	+4	913.2	6,548
+3	412.5	78.6	+3	684.9	6,553
+2	275.0	78.3	+2	456.6	6,559
+1	137.5	78.0	+1	228.3	6,564
				0 <- Fuel Sav/(Loss)	6,569 <- Adj. Act. HR=6,626
0	0	77.7	0	0	6,644
U	Ü	11.1	U	Ū	0,044
				0	6,719
-1	( 137.5 )	77.4	-1	( 228.3 )	6,724
-2	( 275.0 )	77.1	-2	( 456.6 )	6,729
-3	( 412.5 )	76.8	-3	(684.9)	6,735
-4	( 550.0 )	76.5	-4	( 913.2 )	6,740
-5	( 687.5 )	76.2	-5	(1,141.5)	6,745
-6	( 825.0 )	75.9	-6	(1,369.8)	6,750
-7	( 962.5 )	75.6	-7	(1,598.1)	6,755
-8	( 1,100.0 )	75.3	-8	(1,826.4)	6,761
-9	( 1,237.5 )	75.0	-9	( 2,054.7 )	6,766
-10	( 1,375.0 )	74.7	-10	( 2,283.0 )	6,771
	WEIGHTING FACT	OR = 2.89		WEIGHTING FACT	OR = 4.79

Issued by: Florida Power & Light Company

CRR-1, DOCKET NO. 20200001-EI FPL Witness: Charles R. Rote

Exhibit No.: \_ Page 8 of 20

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 +9 +8	1,044.0 939.6 835.2	93.7 93.5 93.2	+10 +9 +8	2,010.0 1,809.0 1,608.0	6,790 6,796 6,802
+7	730.8	93.0	+7	1,407.0	6,808
+6	626.4	92.7	+6	1,206.0	6,814
+5	522.0	92.5	+5	1,005.0	6,820
+4	417.6	92.2	+4	804.0	6,825
+3	313.2	92.0	+3	603.0	6,831
+2	208.8	91.7	+2	402.0	6,837
+1	104.4 <- Fuel Say/(Loss)	91.5 <- Adj. Act. EAF= 91.6	+1	201.0	6,843
	Javillossi	LAI = 91.0		0 <- Fuel Sav/(Loss)	6,849 <- Adj. Act. HR=6,917
0	0	91.2	0	0	6,924
				0	6,999
-1	( 104.4 )	91.0	-1	( 201.0 )	7,005
-2	( 208.8 )	90.7	-2	( 402.0 )	7,011
-3	( 313.2 )	90.5	-3	( 603.0 )	7,017
-4	( 417.6 )	90.2	-4	(804.0)	7,023
-5	( 522.0 )	90.0	-5	(1,005.0)	7,029
-6	( 626.4 )	89.7	-6	(1,206.0)	7,034
-7	( 730.8 )	89.5	-7	(1,407.0)	7,040
-8	( 835.2 )	89.2	-8	( 1,608.0 )	7,046
-9	( 939.6 )	89.0	-9	( 1,809.0 )	7,052
-10	( 1,044.0 )	88.7	-10	( 2,010.0 )	7,058
	WEIGHTING FACT	 OR = 2.19		WEIGHTING FACT	OR = 4.22

Issued by: Florida Power & Light Company

CRR-1, DOCKET NO. 20200001-EI FPL Witness: Charles R. Rote

Exhibit No.: \_ Page 9 of 20

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	1,195.0	84.0	+10	3,052.0	7,167
+9	1,075.5	83.8	+9	2,746.8	7,173
+8	956.0	83.5	+8	2,441.6	7,178
+7	836.5	83.3	+7	2,136.4	7,184
+6	717.0	83.0	+6	1,831.2	7,189
+5	597.5	82.8	+5	1,526.0	7,195
+4	478.0	82.5	+4	1,220.8	7,201
+3	358.5 <- Fuel Sav/(Loss) 382.4	82.3 <- Adj. Act. EAF= 82.3	+3	915.6	7,206
+2	239.0	82.0	+2	610.4	7,212
+1	119.5	81.8	+1	305.2 0	7,217 7,223
0	0	81.5	0	0	7,298
				0	7,373
-1	( 119.5 )	81.3	-1	( 305.2 )	7,379
-2	( 239.0 )	81.0	-2	(610.4)	7,384
-3	( 358.5 )	80.8	-3	( 915.6 )	7,390
-4	( 478.0 )	80.5	-4	( 1,220.8 )	7,395
-5	( 597.5 )	80.3	-5	( 1,526.0 )	7,401
-6	( 717.0 )	80.0	-6	( 1,831.2 )	7,407
-7	( 836.5 )	79.8	-7	( 2,136.4 )	7,412
-8	( 956.0 )	79.5	-8	( 2,441.6 )	7,418
-9	( 1,075.5 )	79.3	-9	( 2,746.8 )	7,423
-10	( 1,195.0 )	79.0	-10	( 3,052.0 ) <- Fuel Sav/(Loss)	7,429 <- Adj. Act. HR=7,614
	WEIGHTING FACT	 OR = 2.51		WEIGHTING FAC	TOR = 6.41

Issued by: Florida Power & Light Company

CRR-1, DOCKET NO. 20200001-EI FPL Witness: Charles R. Rote

Exhibit No.: \_\_ Page 10 of 20

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	1,047.0	93.3	+10	2,286.0	6,825
+9	942.3	93.1	+9	2,057.4	6,833
+8	837.6	92.8	+8	1,828.8	6,840
+7	732.9	92.6	+7	1,600.2	6,848
+6	628.2	92.3	+6	1,371.6	6,856
+5	523.5	92.1	+5	1,143.0	6,864
+4	418.8	91.8	+4	914.4	6,871
+3	314.1 <- Fuel Sav/(Loss)	91.6 <- Adj. Act. EAF= 91.7	+3	685.8	6,879
+2	209.4	91.3	+2	457.2	6,887
+1	104.7	91.1	+1	228.6	6,894
				0 <- Fuel Sav/(Loss	6,902 <- Adj. Act. HR=6,952
0	0	90.8	0	0	6,977
				0	7,052
-1	( 104.7 )	90.6	-1	( 228.6 )	7,060
-2	( 209.4 )	90.3	-2	( 457.2 )	7,067
-3	( 314.1 )	90.1	-3	( 685.8 )	7,075
-4	( 418.8 )	89.8	-4	(914.4)	7,083
-5	( 523.5 )	89.6	-5	(1,143.0)	7,091
-6	(628.2)	89.3	-6	(1,371.6)	7,098
-7	( 732.9 )	89.1	-7	(1,600.2)	7,106
-8	(837.6)	88.8	-8	( 1,828.8 )	7,114
-9	( 942.3 )	88.6	-9	( 2,057.4 )	7,121
-10	( 1,047.0 )	88.3	-10	( 2,286.0 )	7,129
	WEIGHTING FACT	OR = 2.20		WEIGHTING FA	ACTOR = 4.80

Issued by: Florida Power & Light Company

CRR-1, DOCKET NO. 20200001-EI FPL Witness: Charles R. Rote

Exhibit No.: \_\_ Page 11 of 20

UNIT: Riviera 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	1,270.0	89.2	+10	1,856.0	6,568
+9	1,143.0	89.0	+9	1,670.4 <- Fuel Sav/(Loss)	6,570 <- Adj. Act. HR=6.570
+8	1,016.0	88.7	+8	1,484.8	6,572
+7	889.0	88.5	+7	1,299.2	6,573
+6	762.0	88.2	+6	1,113.6	6,575
+5	635.0	88.0	+5	928.0	6,577
+4	508.0	87.7	+4	742.4	6,579
+3	381.0	87.5	+3	556.8	6,581
+2	254.0 <- Fuel	87.2 <- Adj. Act.	+2	371.2	6,582
+1	Sav/(Loss) 127.0	EAF= 87.4 <b>87.0</b>	+1	185.6	6,584
				0	6,586
0	0	86.7	0	0	6,661
				0	6,736
-1	( 127.0 )	86.5	-1	( 185.6 )	6,738
-2	( 254.0 )	86.2	-2	( 371.2 )	6,740
-3	( 381.0 )	86.0	-3	( 556.8 )	6,741
-4	( 508.0 )	85.7	-4	( 742.4 )	6,743
-5	( 635.0 )	85.5	-5	( 928.0 )	6,745
-6	( 762.0 )	85.2	-6	( 1,113.6 )	6,747
-7	( 889.0 )	85.0	-7	(1,299.2)	6,749
-8	( 1,016.0 )	84.7	-8	( 1,484.8 )	6,750
-9	( 1,143.0 )	84.5	-9	( 1,670.4 )	6,752
-10	( 1,270.0 )	84.2	-10	( 1,856.0 )	6,754
	WEIGHTING FAC	 ΓOR = 2.67		WEIGHTING FACT	TOR = 3.90

**Issued by: Florida Power & Light Company** 

CRR-1, DOCKET NO. 20200001-EI FPL Witness: Charles R. Rote

Exhibit No.: \_\_\_ Page 12 of 20

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	4,157.0	87.6	+10	393.0	10,305
+9	3,741.3	87.3	+9	353.7	10,307
+8	3,325.6	87.0	+8	314.4	10,310
+7	2,909.9	86.7	+7	275.1	10,312
+6	2,494.2	86.4	+6	235.8	10,315
+5	2,078.5	86.1	+5	196.5	10,317
+4	1,662.8	85.8	+4	157.2	10,319
+3	1,247.1	85.5	+3	117.9	10,322
+2	831.4	85.2	+2	78.6	10,324
+1	415.7	84.9	+1	39.3	10,327
				0 <- F Sav	fuel 10,329 <- Adj. Act. //(Loss) HR=10,397
0	0	84.6	0	0	10,404
				0	10,479
-1	( 415.7 )	84.3	-1	( 39.3 )	10,481
-2	( 831.4 )	84.0	-2	(78.6)	10,484
-3	( 1,247.1 )	83.7	-3	(117.9)	10,486
-4	( 1,662.8 )	83.4	-4	( 157.2 )	10,489
-5	( 2,078.5 )	83.1	-5	( 196.5 )	10,491
-6	( 2,494.2 )	82.8	-6	( 235.8 )	10,493
-7	( 2,909.9 )	82.5	-7	( 275.1 )	10,496
-8	( 3,325.6 )	82.2	-8	( 314.4 )	10,498
-9	( 3,741.3 )	81.9	-9	( 353.7 )	10,501
-10	(4,157.0) <- Fuel Sav/(Loss)	81.6 <- Adj. Act. EAF= 71.2	-10	( 393.0 )	10,503
	WEIGHTING FACTO	OR = 8.73		WEIGHTIN	IG FACTOR = 0.82

Issued by: Florida Power & Light Company

CRR-1, DOCKET NO. 20200001-EI FPL Witness: Charles R. Rote

Exhibit No.: \_\_\_ Page 13 of 20

UNIT: St. Lucie 2

EQUIVALENT	FUEL	ADJUSTED ACTUAL	AVERAGE	FUEL	ADJUSTED
AVAILABILITY	SAVINGS/(LOSS)	<b>EQUIVALENT</b>	HEAT RATE	SAVING/(LOSS	) ACTUAL AVG.
POINTS	(\$000)	AVAILABILITY	POINTS	(\$000)	HEAT RATES
+10	3,848.0 <- Fuel Sav/(Loss) 3,848.0	96.6 <- Adj. Act. EAF= 100.0	+10	344.0	10,178
+9	3,463.2	96.3	+9	309.6	10,180
+8	3,078.4	96.0	+8	275.2	10,181
+7	2,693.6	95.7	+7	240.8	10,183
+6 +5	2,308.8 1,924.0	95.4 95.1	+6 +5	206.4 172.0	10,184 10,186
+4	1,539.2	94.8	+4	137.6	10,187
+3	1,154.4	94.5	+3	103.2	10,189
+2	769.6	94.2	+2	68.8	10,190
+1	384.8	93.9	+1	34.4	10,192
					- Fuel 10,193 <- Adj. Act. av/(Loss) HR=10.248
0	0	93.6	0	0	10,268
				0	10,343
-1	( 384.8 )	93.3	-1	(34.4)	10,345
-2	( 769.6 )	93.0	-2	( 68.8 )	10,346
-3	( 1,154.4 )	92.7	-3	( 103.2 )	10,348
-4	( 1,539.2 )	92.4	-4	( 137.6 )	10,349
-5	( 1,924.0 )	92.1	-5	( 172.0 )	10,351
-6	( 2,308.8 )	91.8	-6	( 206.4 )	10,352
-7	( 2,693.6 )	91.5	-7	( 240.8 )	10,354
-8	( 3,078.4 )	91.2	-8	( 275.2 )	10,355
-9	(3,463.2)	90.9	-9	( 309.6 )	10,357
-10	( 3,848.0 )	90.6	-10	( 344.0 )	10,358
	WEIGHTING FACT	 ΓOR = 8.08		WEIGHTI	ING FACTOR = 0.72

Issued by: Florida Power & Light Company

CRR-1, DOCKET NO. 20200001-EI FPL Witness: Charles R. Rote

Exhibit No.: \_\_\_ Page 14 of 20

**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	3,597.0 <- Fuel Sav/(Loss) 3,597.0	96.6 <- Adj. Act. EAF= 99.1	+10	674.0 <- Fuel Sav/(Loss) 674.0	10,866 <- Adj. Act. HR=10,594
+9	3,237.3	96.3	+9	606.6	10,874
+8	2,877.6	96.0	+8	539.2	10,882
+7	2,517.9	95.7	+7	471.8	10,890
+6	2,158.2	95.4	+6	404.4	10,898
+5	1,798.5	95.1	+5	337.0	10,906
+4	1,438.8	94.8	+4	269.6	10,914
+3	1,079.1	94.5	+3	202.2	10,922
+2	719.4	94.2	+2	134.8	10,930
+1	359.7	93.9	+1	67.4	10,938
				0	10,946
0	0	93.6	0	0	11,021
				0	11,096
-1	( 359.7 )	93.3	-1	(67.4)	11,104
-2	(719.4)	93.0	-2	( 134.8 )	11,112
-3	(1,079.1)	92.7	-3	( 202.2 )	11,120
-4	( 1,438.8 )	92.4	-4	( 269.6 )	11,128
-5	(1,798.5)	92.1	-5	( 337.0 )	11,136
-6	( 2,158.2 )	91.8	-6	( 404.4 )	11,144
-7	( 2,517.9 )	91.5	-7	( 471.8 )	11,152
-8	( 2,877.6 )	91.2	-8	( 539.2 )	11,160
-9	( 3,237.3 )	90.9	-9	( 606.6 )	11,168
-10	( 3,597.0 )	90.6	-10	( 674.0 )	11,176
	WEIGHTING FACTOR :	 = 7.55		WEIGHTING FACTOR =	1.41

Issued by: Florida Power & Light Company

CRR-1, DOCKET NO. 20200001-EI FPL Witness: Charles R. Rote

Exhibit No.: \_

Page 15 of 20

**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	3,263.0 <- Fuel Sav/(Loss) 3,263.0	84.3 <- Adj. Act. EAF= 87.6	+10	612.0	10,707
+9	2,936.7	84.0	+9	550.8	10,724
+8	2,610.4	83.7	+8	489.6	10,741
+7	2,284.1	83.4	+7	428.4	10,759
+6	1,957.8	83.1	+6	367.2	10,776
+5	1,631.5	82.8	+5	306.0	10,793
+4	1,305.2	82.5	+4	244.8	10,810
+3	978.9	82.2	+3	183.6	10,827
+2	652.6	81.9	+2	122.4	10,845
+1	326.3	81.6	+1	61.2	10,862
				0 <- Fuel Sav/(Loss	10,879 <- Adj. Act. HR=10,942
0	0	81.3	0	0	10,954
				0	11,029
-1	( 326.3 )	81.0	-1	(61.2)	11,046
-2	( 652.6 )	80.7	-2	( 122.4 )	11,063
-3	( 978.9 )	80.4	-3	( 183.6 )	11,081
-4	( 1,305.2 )	80.1	-4	( 244.8 )	11,098
-5	( 1,631.5 )	79.8	-5	( 306.0 )	11,115
-6	( 1,957.8 )	79.5	-6	( 367.2 )	11,132
-7	( 2,284.1 )	79.2	-7	( 428.4 )	11,149
-8	( 2,610.4 )	78.9	-8	( 489.6 )	11,167
-9	( 2,936.7 )	78.6	-9	( 550.8 )	11,184
-10	(3,263.0)	78.3	-10	(612.0)	11,201
	WEIGHTING FAC	 CTOR = 6.85		WEIGHTING FA	 ACTOR = 1.28

Issued by: Florida Power & Light Company

CRR-1, DOCKET NO. 20200001-EI FPL Witness: Charles R. Rote Exhibit No.:

Page 16 of 20

UNIT: West County 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 +9	1,913.0 1,721.7	90.4 90.1	+10 +9	2,691.0 2,421.9	6,880 6,886
+8	1,530.4	89.8	+8	2,152.8	6,891
+7	1,339.1	89.5	+7	1,883.7	6,897
+6	1,147.8	89.2	+6	1,614.6	6,903
+5	956.5	88.9	+5	1,345.5	6,909
+4	765.2	88.6	+4	1,076.4	6,914
+3	573.9	88.3	+3	807.3	6,920
+2	382.6	88.0	+2	538.2	6,926
+1	191.3	87.7	+1	269.1	6,931
				0 <- Fuel Sav/(Loss)	6,937 <- Adj. Act. HR=7,010
0	0	87.4	0	0	7,012
				0	7,087
-1	( 191.3 )	87.1	-1	( 269.1 )	7,093
-2	( 382.6 )	86.8	-2	( 538.2 )	7,098
-3	( 573.9 )	86.5	-3	( 807.3 )	7,104
-4	( 765.2 )	86.2	-4	(1,076.4)	7,110
-5	( 956.5 ) <- Fuel Sav/(Loss)	85.9 <- Adj. Act. EAF= 85.9	-5	( 1,345.5 )	7,116
-6	(1,147.8)	85.6	-6	( 1,614.6 )	7,121
-7	( 1,339.1 )	85.3	-7	( 1,883.7 )	7,127
-8	( 1,530.4 )	85.0	-8	( 2,152.8 )	7,133
-9	(1,721.7)	84.7	-9	( 2,421.9 )	7,138
-10	(1,913.0)	84.4	-10	( 2,691.0 )	7,144
	WEIGHTING FACT	 OR = 4.01		WEIGHTING FACT	 ΓOR = 5.65

Issued by: Florida Power & Light Company

CRR-1, DOCKET NO. 20200001-EI FPL Witness: Charles R. Rote

Exhibit No.: \_\_\_ Page 17 of 20

UNIT: West County 2

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	1,186.0 <- Fuel Sav/(Loss) 1,186.0	87.0 <- Adj. Act. EAF= 89.0	+10	2,626.0 <- Fuel Sav/(Loss) 2,626.0	6,807 <- Adj. Act. HR=6,787
+9	1,067.4	86.8	+9	2,363.4	6,813
+8	948.8	86.5	+8	2,100.8	6,820
+7	830.2	86.3	+7	1,838.2	6,826
+6	711.6	86.0	+6	1,575.6	6,833
+5	593.0	85.8	+5	1,313.0	6,839
+4	474.4	85.5	+4	1,050.4	6,845
+3	355.8	85.3	+3	787.8	6,852
+2	237.2	85.0	+2	525.2	6,858
+1	118.6	84.8	+1	262.6	6,865
				0	6,871
0	0	84.5	0	0	6,946
				0	7,021
-1	( 118.6 )	84.3	-1	( 262.6 )	7,027
-2	( 237.2 )	84.0	-2	( 525.2 )	7,034
-3	( 355.8 )	83.8	-3	( 787.8 )	7,040
-4	( 474.4 )	83.5	-4	(1,050.4)	7,047
-5	( 593.0 )	83.3	-5	( 1,313.0 )	7,053
-6	(711.6)	83.0	-6	(1,575.6)	7,059
-7	( 830.2 )	82.8	-7	( 1,838.2 )	7,066
-8	( 948.8 )	82.5	-8	( 2,100.8 )	7,072
-9	(1,067.4)	82.3	-9	( 2,363.4 )	7,079
-10	( 1,186.0 ) 	82.0	-10	( 2,626.0 )	7,085 
	WEIGHTING FACT	OR = 2.49		WEIGHTING FACT	ΓOR = 5.51

Issued by: Florida Power & Light Company

CRR-1, DOCKET NO. 20200001-EI FPL Witness: Charles R. Rote

Exhibit No.: \_\_\_ Page 18 of 20

**UNIT:** West County 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	1,972.0 <- Fuel Sav/(Loss)	89.8	+10	2,943.0 <- Fuel Sav/(Loss)	6,843 <- Adj. Act. HR=6,830
+9	1,972.0 <b>1,774.8</b>	89.5	+9	2,943.0 <b>2,648.7</b>	6,849
+8	1,577.6	89.2	+8	2,354.4	6,856
+7	1,380.4	88.9	+7	2,060.1	6,862
+6	1,183.2	88.6	+6	1,765.8	6,869
+5	986.0	88.3	+5	1,471.5	6,875
+4	788.8 <- Fuel	88.0 <- Adj. Act.	+4	1,177.2	6,881
+3	Sav/(Loss) 591.6	EAF= 88.2 87.7	+3	882.9	6,888
+2	394.4	87.4	+2	588.6	6,894
+1	197.2	87.1	+1	294.3	6,901
				0	6,907
0	0	86.8	0	0	6,982
				0	7,057
-1	( 197.2 )	86.5	-1	( 294.3 )	7,063
-2	( 394.4 )	86.2	-2	( 588.6 )	7,070
-3	(591.6)	85.9	-3	( 882.9 )	7,076
-4	(788.8)	85.6	-4	(1,177.2)	7,083
-5	(986.0)	85.3	-5	(1,471.5)	7,089
-6	(1,183.2)	85.0	-6	(1,765.8)	7,095
-7	(1,380.4)	84.7	-7	( 2,060.1 )	7,102
-8	(1,577.6)	84.4	-8	( 2,354.4 )	7,108
-9	(1,774.8)	84.1	-9	( 2,648.7 )	7,115
-10	( 1,972.0 )	83.8	-10	( 2,943.0 )	7,121
	WEIGHTING FACT	 OR = 4.14		WEIGHTING FACT	 TOR = 6.18

Issued by: Florida Power & Light Company

CRR-1, DOCKET NO. 20200001-EI FPL Witness: Charles R. Rote

Exhibit No.: \_\_ Page 19 of 20

### ACTUAL PLANNED OUTAGES

### FLORIDA POWER & LIGHT COMPANY

### JANUARY THROUGH DECEMBER, 2019

PLANT/UNIT	ACTUAL PLANNED OUTAGE DATE	REASON FOR OUTAGE	
Cape Canaveral 3	7/15/19-8/24/19 11/05/19-12/15/19	CT-32 Major CT-33 Major	
Manatee 3	NONE	N/A	
Ft. Myers 2	1/8/19-6/12/19; 6/19/19-6/19/19 1/8/19-1/16/19; 3/12/19-6/12/19 11/14/19-12/13/19; 11/4/19-12/14/19 1/1/19-1/4/19; 1/6/19-2/18/19	Steam turbine 1 upgrade and manual trip test Steam turbine 2 upgrade CT-2B air inlet structure modification; CT-2C 3SAR upgrade CT-2E 3SAR upgrade continued from prior year; CT-2F 3SAR upgrade	
Martin 8	NONE	N/A	
Riviera 5	2/15/19-4/5/19	CT-51 Major overhaul	
St. Lucie 1	10/12/19-11/20/19	Main Steam Safety Valve (MSSV) testing & Refueling outage	
St. Lucie 2	9/26/19	Turbine valve test (TVT)	
Turkey Point 3	NONE	N/A	
Turkey Point 4	3/8/19-4/15/19	Refueling	
West County 1	NONE	N/A	
West County 2	3/30/19-5/13/19; 4/2/19-5/16/19 4/6/19-5/19/19	CT-2A Hot Gas Path (HGP); CT-2B Hot Gas Path (HGP) CT-2C Hot Gas Path (HGP)	
West County 3	NONE	N/A	

CRR-1, DOCKET NO. 20200001-EI FPL Witness: Charles R. Rote

Exhibit No.: \_\_\_ Page 20 of 20