



March 16, 2021

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

Dear Mr. Teitzman:

Attached for official filing in Docket No. 20210001-EI is a copy of the following:

Prepared direct testimony and exhibit of Charles R. Rote concerning
the Generating Performance Incentive Factor Results for
January 2020 – December 2020.

Electronic copies of exhibits attached to Gulf's witness Charles R. Rote will be provided
to the parties under separate cover.

Sincerely,

A handwritten signature in blue ink that reads 'Richard Hume'.

Richard Hume
Regulatory Issues Manager

md

Attachments

cc: Florida Public Service Commission
Suzanne Brownless, Office of General Counsel (6 copies)
Gulf Power Company
Russell Badders, Esq., VP & Associate General Counsel

**BEFORE THE FLORIDA PUBLIC SERVICE
COMMISSION**

**FUEL AND PURCHASED POWER COST
RECOVERY CLAUSE**

Docket No. 20210001-EI

**Prepared Direct Testimony & Exhibit of
Charles R. Rote**

**GENERATING PERFORMANCE INCENTIVE
RESULTS FOR**

January 2020 - December 2020

March 16, 2021



1 **BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

2
3 **GULF POWER COMPANY**

4 **TESTIMONY OF CHARLES R. ROTE**

5 **DOCKET NO. 20210001-EI**

6 **MARCH 16, 2021**

7
8 **Q. Please state your name, business address.**

9 A. My name is Charles R. Rote. My business address is 700 Universe Boulevard, Juno
10 Beach, Florida 33408.

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

12 A. I am employed by Florida Power & Light Company (“FPL”), as Business Services
13 Director in the Power Generation Division.

14 **Q. Please summarize your educational background and professional 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 Administration
17 from Pace University in New York in 1994. I am a Certified Public Accountant in
18 the state of New York. Prior to 1999, I held various auditing positions at Price
19 Waterhouse LLP and Pfizer Inc. From 1999 to 2009, I worked for Rinker Materials
20 (acquired by Cemex in 2008) in various audit, accounting and development
21 capacities. I have been in my current role at FPL since 2009 where I have
22 responsibility for all budgeting, forecasting, regulatory and internal controls
23 activities for FPL’s and Gulf Power Company’s (“Gulf” or “the Company”) fossil
24 generating assets. Since 2013, I have also overseen the preparation and filing of
25 the Generating Performance Incentive Factor (“GPIF”) documents including
26 testimony, exhibits, audits and discovery.

1 **Q. Please describe the relationship of Gulf Power to Florida Power & Light**
2 **Company.**

3 A. Gulf Power was acquired by FPL's parent company, NextEra Energy, Inc., on
4 January 1, 2019. Gulf was subsequently merged into FPL on January 1,
5 2021. Following the acquisition, and even prior to the legal combination of FPL and
6 Gulf Power, the two companies began to consolidate their operations; however, the
7 companies remained separate ratemaking entities. On March 12, 2021, FPL filed
8 with the Florida Public Service Commission ("FPSC" or "the Commission") a
9 Petition for Unification of Rates and for a Base Rate Increase, in which FPL
10 requested that the Commission approve the placement of FPL's rates into effect for
11 all customers currently served pursuant to the rates and tariffs on file for Gulf. If
12 the Commission approves FPL's request, Gulf will no longer exist as a separate
13 ratemaking entity.

14 **Q. What is the purpose of your testimony?**

15 A. The purpose of my testimony is to report Gulf's actual 2020 performance for
16 Equivalent Availability Factor and Average Net Operating Heat Rate for the twelve
17 generating units used to determine its GPIF and to calculate the resulting GPIF
18 reward. I compared the performance of each unit to the targets approved in
19 Commission Order No. PSC-2019-0484-FOF-EI issued November 18, 2019 for the
20 period January through December 2020 and performed the reward/penalty
21 calculations prescribed by the GPIF Manual.

22

23

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

3 A. Yes, Exhibit CR-1 consisting of five schedules shows the reward/penalty
4 calculations.

5 **Q. Is there any information that has been supplied to the Commission pertaining**
6 **to this GPIF period that requires amendment?**

7 A. Yes. Some corrections have been made to the actual unit performance data, which
8 was submitted monthly to the Commission during this time period. These
9 corrections are based on discoveries made during the final data review to ensure the
10 accuracy of the information reported in this filing. The actual unit performance data
11 tables on pages 13 through 22 of Schedule 5 of Exhibit CR-1 incorporate these
12 changes. The data contained in these tables is the data upon which the GPIF
13 calculations were made.

14

15 On January 20, 2021, Plant Crist was renamed Gulf Clean Energy Center (GCEC)
16 with the completion of the plant's gas conversion. Plant Crist Unit 7 is now reflected
17 as GCEC 7 in my exhibit.

18 **Q. Are there any issues related to the GPIF targets for this period that were filed**
19 **with the Commission on September 3, 2019, in Docket No. 20190001-EI that**
20 **may affect the validity of those targets for this period?**

21 A. Yes. The target filing takes 3 years of historical unit specific heat rate data to
22 develop the heat rate targets for each unit. The historical data used to develop the
23 2020 targets do not take into consideration damage that occurred at the Gulf Clean
24 Energy Center (GCEC) on September 16th from Hurricane Sally. GCEC Unit 7
25 remained offline until January 10, 2021. As a result of GCEC Unit 7 being offline,

1 Smith Unit 3 had to provide more generation than forecasted and this drove heat rate
2 performance outside of its normal historical ranges during that period. The 2020
3 GPIF projections did not contemplate operating Smith Unit 3 in this manner.

4

5 The GPIF process was not established to reward or penalize units for performance
6 demands as result of catastrophic events; therefore, the heat rate targets set for the
7 period of September through December 2020 were adjusted for Smith Unit 3.

8 **Q. Please describe how this change in generation mix is being addressed in this**
9 **filing.**

10 A. In accordance with past Commission Orders pertaining to the burning of low Btu
11 coal in Daniel Units 1 and 2 , including Commission Orders PSC-04-1276-FOF-EI
12 and PSC-05-1252-FOF-EI, Plant Daniel Units 1 and 2 are excluded from the GPIF
13 heat rate calculations for the months when the low-Btu fuel mix was burned. This
14 was accomplished by setting the units' Adjusted Actual Heat Rates equal to their
15 respective Target Heat Rates. This resulted in producing neither a reward nor a
16 penalty for heat rate for these two units for these months when the units were burning
17 the low-Btu fuel mix.

18

19 Gulf believes that due to extensive damage sustained at GCEC 7 and the higher
20 generation demand on Smith Unit 3 resulting in a higher heat rate for period
21 September through December 2020 the target heat rate should be used in place of
22 actual heat rate.

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1 **Q. Were there any other circumstances that the Company did not make any**
2 **adjustments for?**

3 A. Yes. The GCEC 7 target was based on the lateral gas line being in-service by July
4 1, 2020. The lateral line didn't go into service until December 31, 2020. After
5 GCEC 7 came out of outage at the end of May, the unit ran on minimum load for
6 the months of June through August burning to conserve coal. The result of running
7 on minimum load, the unit produces a higher heat rate than a unit running at optimal
8 load. This higher heat rate contributed to the GPIF penalty.

9 **Q. Please review the Company's equivalent availability results for the period.**

10 A. Actual equivalent availability and adjusted actual equivalent availability figures for
11 each of the Company's GPIF units are shown on page 12 of Schedule 5. Pages 3
12 through 7 of Schedule 2 contain the calculations for the adjusted actual equivalent
13 availabilities.

14

15 A calculation of GPIF availability points based on these availabilities and the
16 targets established in Commission Order No. PSC-2019-0484-FOF-EI is on page 8
17 of Schedule 2. The results are Scherer 3, (10.00) points; GCEC 7, (10.00) points;
18 Daniel 1, 0.00 points; Daniel 2, (10.00) points; and Smith 3, (10.00) points.

19 **Q. What were the heat rate results for the period?**

20 A. The detailed calculations of the actual average net operating heat rates for the
21 Company's GPIF units are on pages 2 through 6 of Schedule 3.

22 As was done for the prior GPIF periods, and as indicated on pages 7 through 11 of
23 Schedule 3, the target equations were used to adjust actual results to the target basis.

24 These equations, submitted in September 2019, are shown on page 13 of Schedule

1 3. As calculated on page 14 of Schedule 3, the adjusted actual average net operating
2 heat rates correspond to the following GPIF unit heat rate points:
3 Scherer 3, 0.00 points; GCEC 7, (10.00) points; Daniel 1, 10.00 points;
4 Daniel 2, 5.33 points, and Smith 3, (2.35) points.

5 **Q. What number of Company points was achieved during the period, and what**
6 **reward or penalty is indicated by these points according to the GPIF**
7 **procedure?**

8 A. Using the unit equivalent availability and heat rate points previously mentioned,
9 along with the appropriate weighting factors, the number of Company points
10 achieved was (2.08) as indicated on page 2 of Schedule 4. This calculated to a
11 penalty in the amount of \$1,642,650.

12 **Q. Please summarize your testimony.**

13 A. In view of the adjusted actual equivalent availabilities, as shown on page 8 of
14 Schedule 2, and the adjusted actual average net operating heat rates achieved, as
15 shown on page 14 of Schedule 3, evidencing the Company's performance for the
16 period, Gulf calculates a penalty in the amount of \$1,642,650 as provided by the
17 GPIF methodology.

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

19 A. Yes.

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AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

Docket No. 20210001-EI

Before me, the undersigned authority, personally appeared Charles Rote, who being first duly sworn, deposes and says that he is the Power Generation Division Director Business Services of Gulf Power Company, a Florida corporation, that the foregoing is true and correct to the best of his knowledge and belief. He is personally known to me.

Charles Rote

Charles Rote
Power Generation Division Director Business Svcs

Sworn to and subscribed before me by means of X physical presence or _____
online notarization this 12th day of March, 2021.

K Carey

Notary Public, State of Florida at Large



EXHIBIT TO THE TESTIMONY OF
CHARLES R. ROTE
IN FPSC DOCKET 20210001-EI

I. CORRECTIONS TO REPORTED DATA FOR THE JANUARY 2020 - DECEMBER 2020 PERIOD

Additions and Corrections to Outages Previously Reported
 for the January 2020 - December 2020 Period

<u>Date</u>	<u>Unit</u>	<u>Change</u>	<u>Outage Type</u>	<u>Hours</u>	<u>MW</u>	<u>Description</u>
January filing	Crist 7	Net Gen				Net Gen trued up
	Daniel 1	PMOH Net Gen		73.4	77.0	Derate entered after filing Net Gen trued up
	Daniel 2	PMOH Net Gen		314.7	173.0	Derate entered after filing Net Gen trued up
	Scherer 3	Net Gen				Net Gen trued up
	Smith 3	MMBTU				Mmbtu trued up
February filing	Scherer 3	Net Gen				Net Gen trued up
	Daniel 1	PMOH Net Gen		71.6	77.0	Derate hours trued up Net Gen trued up
	Daniel 2	Net Gen				Net Gen trued up
	Smith 3	Net Gen				Net Gen trued up
March filing	Crist 7	Net Gen				Net Gen trued up
	Daniel 1	PMOH Net Gen		69.2	77.0	Derate entered after filing Net Gen trued up
	Daniel 2	PMOH Net Gen		714.9	77.0	Derate entered after filing Net Gen trued up
	Scherer 3	Net Gen				Net Gen trued up
April filing	Scherer 3	RSH		720.0		RSH was trued up
May filing	Daniel 1	PMOH		632.0	77.0	Derate entered after filing
	Daniel 2	PMOH		20.1	77.0	Derate entered after filing
June filing	Scherer 3	FOH		24.1	860.0	Start-up failure
	Daniel 1	PMOH		720.0	77.0	Derate entered after filing
	Daniel 2	PMOH		630.9	77.0	Derate entered after filing

Additions and Corrections to Outages Previously Reported
for the January 2020 - December 2020 Period

<u>Date</u>	<u>Unit</u>	<u>Change</u>	<u>Outage Type</u>	<u>Hours</u>	<u>MW</u>	<u>Description</u>
July filing	Scherer 3	LRph		165.0		Reduced LRph on stuck valve. Increased EAF from 99.1 to 99.4
	Daniel 1	PMOH		97.9	77.0	Reduction in hours of derate
	Daniel 2	PMOH		188.5	77.0	Reduction in hours of derate
August filing	Daniel 1	PMOH		142.4	77.0	Reduction in hours of derate
	Daniel 2	LRpm				LRpf changed from 77.1 to 77 EAF changed 90.6% to 90.7%
	GCEC 7	Oper Mbtu				Mmbtu trued up
November filing	Daniel 2	PMOH		241.0	77.0	Increase in hours of derate
December filing	Daniel 1	Net Gen				Net Gen trued up
	Daniel 2	Net Gen				Net Gen trued up
	Scherer 3	Net Gen				Net Gen trued up

II. CALCULATIONS OF EQUIVALENT AVAILABILITY POINTS

Comparison of Forecast and Actual Planned Outages
 for January 2020 - December 2020

<u>Unit</u>	<u>Note</u>	<u>Forecast Planned Outage Schedule</u>	<u>Forecast Hours*</u>	<u>Actual Planned Outage Schedule</u>	<u>Actual Hours*</u>
Smith 3	3	04/28/2020 - 5/6/2020	216.0	2/27/2020 - 3/08/20	233.6
Smith 3	3	9/18/2020 - 10/03/2020	384.0	12/08/2020 - 12/17/2020	197.6
Daniel 1	3	3/24/2020 - 4/01/2020	216.0		
Daniel 1	1	9/26/2020 - 12/11/2020	1848.0	9/26/2020 - 12/09/2020	1781.3
Daniel 2	3	04/10/2020 - 05/17/2020	912.0	03/30/2020 - 05/31/2020	1469.9
GCEC 7	3	03/07/20 - 04/26/20	1224.0	03/20/2020 - 05/30/2020	1689.3

* Planned outage hours in the January 2020 - December 2020 period only.

- Notes:
1. The outage proceeded as scheduled.
 2. The outage was added subsequent to the target filing.
 3. The outage date was changed subsequent to the target filing.
 4. The outage date proceeded as scheduled and extended.

Calculation of Actual Equivalent Availability
 for January 2020 - December 2020
 Based on Target Planned Outage Hours
 Scherer 3

Results of Operations							
	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
FOH	0.0	0.0	0.0	0.0	0.0	24.1	
	0.0	0.0	0.0	0.0	0.0	0.0	24.1
EFOH	0.0	0.0	0.0	0.0	0.0	0.0	
	4.2	0.0	0.0	0.0	0.0	0.0	4.2
MOH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	233.0	0.0	233.0
EMOH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PH	744.0	696.0	743.0	720.0	744.0	720.0	
	744.0	744.0	720.0	744.0	721.0	744.0	8784.0
POH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RSH	604.5	619.4	650.4	720.0	744.0	548.1	
	0.0	0.0	312.4	744.0	470.2	402.3	5815.3

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(24.1 + 4.2 + 233.0 + 0.0)}{(8784.0 - 0.0 - 5815.3)}$$

$$\text{EUOR} = 0.0880$$

$$2. \text{ EA} = \left[1 - \frac{(\text{POH}^* + \text{EUOR} (\text{PH} - \text{POH}^* - \text{RSH}^*))}{\text{PH}} \right] \times 100$$

$$\text{Target POH}^* = 0.0$$

$$\text{Target RSH}^* = 822.0$$

$$\text{EA} = \left[1 - \frac{(0.0 + 0.0880 (8784.0 - 0.0 - 822.0))}{8784.0} \right] \times 100 = 92.0 \%$$

Note: Please refer to page 9 of this Schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
 for January 2020 - December 2020
 Based on Target Planned Outage Hours
 GCEC 7

Results of Operations							
	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
FOH	0.0 0.0	0.0 2.1	0.0 358.0	0.0 744.0	7.4 721.0	0.0 744.0	2576.5
EFOH	0.0 1.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	14.4 0.0	15.4
MOH	0.0 305.0	0.0 351.3	65.6 14.0	0.0 0.0	0.0 0.0	535.1 0.0	1271.1
EMOH	0.0 0.0	0.0 58.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	58.0
PH	744.0 744.0	696.0 744.0	743.0 720.0	720.0 744.0	744.0 721.0	720.0 744.0	8784.0
POH	0.0 0.0	0.0 0.0	264.0 0.0	720.0 0.0	705.2 0.0	0.0 0.0	1689.3
RSH	239.2 1.0	0.0 87.3	8.3 348.0	0.0 0.0	0.0 0.0	0.0 0.0	683.7

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(2576.5 + 15.4 + 1271.1 + 58.0)}{(8784.0 - 1689.3 - 683.7)}$$

$$\text{EUOR} = 0.6116$$

$$2. \text{ EA} = \left[1 - \frac{(\text{POH}^* + \text{EUOR} (\text{PH} - \text{POH}^* - \text{RSH}^*))}{\text{PH}} \right] \times 100$$

$$\text{Target POH}^* = 1223.0$$

$$\text{Target RSH}^* = 2265.0$$

$$\text{EA} = \left[1 - \frac{(1223.0 + 0.6116 (8784.0 - 1223.0 - 2265.0))}{8784.0} \right] \times 100 = 49.2 \%$$

Note: Please refer to page 9 of this Schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
 for January 2020 - December 2020
 Based on Target Planned Outage Hours
 Daniel 1

Results of Operations

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
FOH	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	1.3 0.0	0.0 0.0	1.3
EFOH	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0
MOH	0.0 12.2	0.0 0.0	0.0 0.0	84.0 0.0	29.4 0.0	0.0 0.0	125.6
EMOH	11.3 87.9	11.0 69.8	10.6 67.2	0.0 0.0	96.9 0.0	110.4 84.0	549.1
PH	744.0 744.0	696.0 744.0	743.0 720.0	720.0 744.0	744.0 721.0	720.0 744.0	8784.0
POH	0.0 0.0	0.0 0.0	0.0 120.0	0.0 744.0	0.0 721.0	0.0 196.3	1781.3
RSH	670.6 60.5	624.4 0.0	530.4 73.4	636.0 0.0	80.6 0.0	0.0 0.0	2675.8

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(1.3 + 0.0 + 125.6 + 549.1)}{(8784.0 - 1781.3 - 2675.8)}$$

$$\text{EUOR} = 0.1562$$

$$2. \text{ EA} = \left[1 - \frac{(\text{POH}^* + \text{EUOR} (\text{PH} - \text{POH}^* - \text{RSH}^*))}{\text{PH}} \right] \times 100$$

$$\text{Target POH}^* = 2065.0$$

$$\text{Target RSH}^* = 2318.0$$

$$\text{EA} = \left[1 - \frac{(2065.0 + 0.1562 (8784.0 - 2065.0 - 2318.0))}{8784.0} \right] \times 100 = 68.7 \%$$

Note: Please refer to page 9 of this Schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
 for January 2020 - December 2020
 Based on Target Planned Outage Hours
 Daniel 2

Results of Operations

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
FOH	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	3.0 0.0	3.0
EFOH	0.0 1.3	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	1.3
MOH	119.6 0.0	6.5 0.0	2.4 3.3	0.0 21.4	0.0 0.0	0.0 0.0	153.2
EMOH	108.5 84.4	79.1 69.5	109.6 96.6	0.0 110.8	3.1 110.6	96.8 97.7	966.7
PH	744.0 744.0	696.0 744.0	743.0 720.0	720.0 744.0	744.0 721.0	720.0 744.0	8784.0
POH	0.0 0.0	0.0 0.0	26.3 0.0	720.0 0.0	723.6 0.0	0.0 0.0	1469.9
RSH	309.2 0.0	326.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 106.5	741.7

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(3.0 + 1.3 + 153.2 + 966.7)}{(8784.0 - 1469.9 - 741.7)}$$

$$\text{EUOR} = 0.1711$$

$$2. \text{ EA} = \left[1 - \frac{(\text{POH}^* + \text{EUOR} (\text{PH} - \text{POH}^* - \text{RSH}^*))}{\text{PH}} \right] \times 100$$

$$\text{Target POH}^* = 888.0$$

$$\text{Target RSH}^* = 2389.0$$

$$\text{EA} = \left[1 - \frac{(888.0 + 0.1711 (8784.0 - 888.0 - 2389.0))}{8784.0} \right] \times 100 = 79.2 \%$$

Note: Please refer to page 9 of this Schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
 for January 2020 - December 2020
 Based on Target Planned Outage Hours
 Smith 3

Results of Operations

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
FOH	0.0 0.0	0.0 0.0	14.3 0.0	0.0 0.0	0.0 0.0	0.0 0.0	14.3
EFOH	0.0 0.0	0.0 0.0	0.0 2.5	0.0 0.0	0.0 0.0	0.0 0.0	2.5
MOH	0.0 0.0	36.1 0.0	198.0 0.0	68.2 0.0	0.0 0.0	7.5 232.5	542.4
EMOH	0.0 0.0	0.0 0.0	0.0 0.0	2.3 0.0	0.0 0.0	1.4 0.0	3.7
PH	744.0 744.0	696.0 744.0	743.0 720.0	720.0 744.0	744.0 721.0	720.0 744.0	8784.0
POH	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0
RSH	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(14.3 + 2.5 + 542.4 + 3.7)}{(8784.0 - 0.0 - 0.0)}$$

$$\text{EUOR} = 0.0641$$

$$2. \text{ EA} = \left[1 - \frac{(\text{POH}^* + \text{EUOR} (\text{PH} - \text{POH}^* - \text{RSH}^*))}{\text{PH}} \right] \times 100$$

$$\text{Target POH}^* = 600.0$$

$$\text{Target RSH}^* = 358.0$$

$$\text{EA} = \left[1 - \frac{(600.0 + 0.0641 (8784.0 - 600.0 - 358.0))}{8784.0} \right] \times 100 = 87.5 \%$$

Note: Please refer to page 9 of this Schedule for an explanation of symbols.

Calculation of Equivalent Availability Points
 for January 2020 - December 2020

(1) Unit	(2) Equivalent Availability Target*	(3) Actual Equivalent Availability Adjusted to Target Planned Outage Basis**	(4) Minimum or Maximum Attainable Equivalent Availability*	(5) Availability Points***
Scherer 3	96.8	92.0	95.5	-10.00
GCEC 7	78.4	49.2	75.4	-10.00
Daniel 1	70.9	68.7	70.9	0.00
Daniel 2	84.7	79.2	82.9	-10.00
Smith 3	89.9	87.5	88.3	-10.00

* As appropriate from page 5, Schedule 3 of Exhibit to C. L. Nicholson's September 3, 2019 GPIF Testimony in Docket 20190001-EI.

** Refer to pages 3 through 7 of this Schedule for calculations.

*** If (3) > (2)

$$\text{Availability Points} = \frac{(3) - (2)}{(4) - (2)} \times 10$$

If (3) < (2)

$$\text{Availability Points} = \frac{(3) - (2)}{(4) - (2)} \times -10$$

Summary of Equivalent Availability Symbols

EA - Equivalent Availability
POH - Planned Outage Hours
EUOR - Equivalent Unplanned Outage Rate
PH - Period Hours
FOH - Forced Outage Hours
EFOH - Equivalent Forced Outage Hours
MOH - Maintenance Outage Hours
EMOH - Equivalent Maintenance Outage Hours
RSH - Reserve Shutdown Hours

III. CALCULATION OF GPIF UNIT HEAT RATE POINTS

Calculation of Average Net Operating Heat Rate Points
 for January 2020 - December 2020

Scherer 3

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	68352.0 338730.0	37424.0 374542.0	39758.0 179452.0	0.0 0.0	0.0 5492.0	74954.0 124436.0	1243140.0
BTU/Lb*	8331.0 8295.9	8282.9 8284.8	8459.0 8295.6	0.0 0.0	0.0 8712.0	8163.9 8486.2	8312.2
Coal, MMBTU	569440.5 2810071.9	309979.2 3103012.4	336312.9 1488665.2	0.0 0.0	0.0 47846.3	611919.0 1055985.8	10333233.2
Oil, MMBTU	7759.0 0.0	6702.6 764.7	168.9 0.0	0.0 0.0	0.0 8649.5	10297.2 7859.0	42200.9
Gas, MMBTU	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0
Startup, MMBTU **	-5373.0 0.0	-5373.0 0.0	0.0 0.0	0.0 0.0	0.0 -5373.0	-5373.0 -5373.0	-26865.0
Total Fuel Consumption, MMBTU	571826.5 2810071.9	311308.8 3103777.1	336481.8 1488665.2	0.0 0.0	0.0 51122.8	616843.2 1058471.8	10348569.1
Net MWH Generation***	48697 243726	21627 283888	28499 129600	0 0	0 3827	49022 96003	904889
Average Net Operating Heat Rate	11743 11530	14394 10933	11807 11487	--- ---	--- 13358	12583 11025	11436

* Weighted average of daily as-burned BTU/Lb values.

** Based on number of unit starts after unit off-line 24 hours or more.

*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
 for January 2020 - December 2020

GCEC 7

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	134434.0 63420.0	192384.0 4238.0	90542.0 0.0	0.0 0.0	13296.0 0.0	21796.0 0.0	520110.0
BTU/Lb*	11304.8 11220.3	11435.8 10607.0	11350.2 0.0	0.0 0.0	11356.0 0.0	11217.9 0.0	11342.8
Coal, MMBTU	1519743.4 711591.9	2200059.6 44952.5	1027672.4 0.0	0.0 0.0	150989.4 0.0	244504.5 0.0	5899513.7
Oil, MMBTU	1782.9 515.1	3318.5 0.0	1109.4 0.0	0.0 0.0	673.6 0.0	586.3 0.0	7985.8
Gas, MMBTU	152383.2 635500.1	72173.9 697316.6	36354.1 0.0	0.0 0.0	36560.2 0.0	239526.9 0.0	1869815.1
Startup, MMBTU **	-2256.0 -2256.0	0.0 -2256.0	0.0 0.0	0.0 0.0	-2256.0 0.0	-2256.0 0.0	-11280.0
Total Fuel Consumption, MMBTU	1671653.5 1345351.1	2275552.0 740013.1	1065135.9 0.0	0.0 0.0	185967.2 0.0	482361.7 0.0	7766034.5
Net MWH Generation***	159111 116886	195727 60336	101709 0	0 0	5757 0	39029 0	678555
Average Net Operating Heat Rate	10506 11510	11626 12265	10472 ---	--- ---	32303 ---	12359 ---	11445

* Weighted average of daily as-burned BTU/Lb values.

** Based on number of unit starts after unit off-line 24 hours or more.

*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
 for January 2020 - December 2020

Daniel 1

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	17882.0 191714.0	18290.0 239762.0	47074.0 161618.0	0.0 0.0	149180.0 0.0	177716.0 152632.0	1155868.0
BTU/Lb*	9427.2 8599.6	8661.5 8852.0	8689.1 8779.4	0.0 0.0	8919.7 0.0	8701.3 8849.3	8784.4
Coal, MMBTU	168576.7 1648667.1	158419.4 2122363.2	409028.6 1418906.2	0.0 0.0	1330640.1 0.0	1546357.4 1350692.5	10153651.2
Oil, MMBTU	4214.3 2910.7	4030.5 236.2	561.9 184.5	0.0 0.0	7095.3 0.0	37.7 4878.9	24150.0
Gas, MMBTU	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0
Startup, MMBTU **	-2388.7 -2388.7	-2388.7 0.0	0.0 0.0	0.0 0.0	-2388.7 0.0	0.0 -2388.7	-11943.5
Total Fuel Consumption, MMBTU	170402.3 1649189.1	160061.2 2122599.4	409590.5 1419090.7	0.0 0.0	1335346.7 0.0	1546395.1 1353182.7	10165857.7
Net MWH Generation***	14738 145663	12428 200851	37096 136068	0 0	116218 0	132069 121545	916676
Average Net Operating Heat Rate	11562 11322	12879 10568	11041 10429	--- ---	11490 ---	11709 11133	11090

* Weighted average of daily as-burned BTU/Lb values.

** Based on number of unit starts after unit off-line 24 hours or more.

*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
 for January 2020 - December 2020

Daniel 2

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	67626.0 224498.0	60452.0 256208.0	138196.0 215896.0	0.0 196772.0	5760.0 206064.0	163492.0 198402.0	1733366.0
BTU/Lb*	8851.5 8610.9	8704.2 8846.6	8816.1 8775.8	0.0 9114.4	8958.0 8846.7	8696.4 8734.8	8803.9
Coal, MMBTU	598589.6 1933132.4	526186.5 2266578.3	1218348.9 1894650.7	0.0 1793459.0	51598.1 1822990.9	1421787.5 1733001.9	15260323.8
Oil, MMBTU	2643.5 174.6	5684.1 223.0	1764.0 973.4	0.0 3597.2	6348.1 749.6	2178.5 5676.1	30012.1
Gas, MMBTU	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0
Startup, MMBTU **	-2388.7 0.0	-2388.7 0.0	0.0 0.0	0.0 0.0	-2388.7 0.0	0.0 0.0	-7166.1
Total Fuel Consumption, MMBTU	598844.4 1933307.0	529481.9 2266801.3	1220112.9 1895624.1	0.0 1797056.2	55557.5 1823740.5	1423966.0 1738678.0	15283169.8
Net MWH Generation***	50508 174599	42867 219141	104934 178726	0 164146	3364 167254	124839 165761	1396139
Average Net Operating Heat Rate	11856 11073	12352 10344	11627 10606	--- 10948	16515 10904	11406 10489	10947

* Weighted average of daily as-burned BTU/Lb values.

** Based on number of unit starts after unit off-line 24 hours or more.

*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
 for January 2020 - December 2020

Smith 3

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0
BTU/Lb*	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0
Coal, MMBTU	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0
Oil, MMBTU	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0
Gas, MMBTU	3140397.0 3201198.0	2780623.0 3213153.0	2228019.0 2985482.0	2659416.0 3174824.0	3114947.0 3057526.0	3089787.0 2224335.0	34869707.0
Startup, MMBTU **	0.0 0.0	0.0 0.0	-2400.0 0.0	-1200.0 0.0	0.0 0.0	0.0 -1200.0	-4800.0
Total Fuel Consumption, MMBTU	3140397.0 3201198.0	2780623.0 3213153.0	2225619.0 2985482.0	2658216.0 3174824.0	3114947.0 3057526.0	3089787.0 2223135.0	34864907.0
Net MWH Generation***	453706 452041	400285 455509	317876 235913	380515 404428	443616 388629	435149 398370	4766037
Average Net Operating Heat Rate	6922 7082	6947 7054	7002 12655	6986 7850	7022 7867	7101 5581	7315

* Weighted average of daily as-burned BTU/Lb values.

** Based on number of unit starts after unit off-line 24 hours or more.

*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate
 for January 2020 - December 2020
 Adjusted to Target Basis Using Heat Rate
 Equations Filed September 3, 2019

Scherer 3

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10626 10587	10489 10482	10391 10659	10792 10668	10672 10823	10613 10621	
2. Target Heat Rate at Actual Conditions**	11278 11605	11399 11130	11241 11706	10792 10668	10672 12063	11544 11699	
3. Adjustment to Actual Heat Rate (1-2)	-652 -1018	-910 -648	-850 -1047	0 0	0 -1240	-931 -1078	
4. Actual Heat Rate (Page 2 of Sched. 3)	11740 11530	14390 10933	11807 11487	0 0	0 13326	12580 11024	
5. Adjusted Actual Heat Rate (4+3)	11088 10512	13480 10285	10957 10440	0 0	0 12086	11649 9946	
6. Net MWH Generation	48697 243726	21627 283888	28499 129600	0 0	0 3827	49022 96003	
7. Adjusted Actual Heat Rate for January 2020 - December 2020 =($\Sigma(5*6)/\Sigma 6$)							10555

* From pages 17 & 18, Schedule 3 of Exhibit to C. L. Nicholson's September 3, 2019 GPIF Testimony in Docket 20190001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this Schedule.

Calculation of Average Net Operating Heat Rate
 for January 2020 - December 2020
 Adjusted to Target Basis Using Heat Rate
 Equations Filed September 3, 2019

GCEC 7

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10381 10637	10490 10639	10278 11195	10386 -	10461 10656	10597 11345	
2. Target Heat Rate at Actual Conditions**	10441 11025	10561 11630	10837 11195	10386 -	11358 10656	11492 11345	
3. Adjustment to Actual Heat Rate (1-2)	-60 -388	-71 -991	-559 0	0 0	-897 0	-895 0	
4. Actual Heat Rate (Page 3 of Sched. 3)	10506 11510	11626 12265	10472 0	0 0	32302 0	12359 0	
5. Adjusted Actual Heat Rate (4+3)	10446 11122	11555 11274	9913 0	0 0	31405 0	11464 0	
6. Net MWH Generation	159111 116886	195727 60336	101709 0	0 0	5757 0	39029 0	
7. Adjusted Actual Heat Rate for January 2020 - December 2020 =(Σ (5*6)/ Σ 6)							11112

* From pages 19 & 20, Schedule 3 of Exhibit to C. L. Nicholson's September 3, 2019 GPIF Testimony in Docket 20190001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 13 of this Schedule.

Calculation of Average Net Operating Heat Rate
 for January 2020 - December 2020
 Adjusted to Target Basis Using Heat Rate
 Equations Filed September 3, 2019

Daniel 1

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	11880 11054	12044 11037	11851 10999	11786 -	11536 -	11265 -	
2. Target Heat Rate at Actual Conditions**	11724 11300	11782 10970	12274 11048	11786 -	11635 -	11644 11265	
3. Adjustment to Actual Heat Rate (1-2)	156 -246	262 67	-423 -49	0 0	-99 0	-379 139	
4. Actual Heat Rate (Page 4 of Sched. 3)	11557 11322	12874 10568	11041 10429	0 0	11489 0	11709 11133	
5. Adjusted Actual Heat Rate (4+3)	11713 11076	13136 10635	10618 10380	0 0	11390 0	11330 11272	
6. Net MWH Generation	14738 145663	12428 200851	37096 136068	0 0	116218 0	132069 121545	
7. Adjusted Actual Heat Rate for January 2020 - December 2020 =($\Sigma(5*6)/\Sigma 6$)							10998

* From pages 21 & 22 , Schedule 3 of Exhibit to C. L. Nicholson's September 3, 2019 GPIF Testimony in Docket 20190001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 13 of this Schedule.

Calculation of Average Net Operating Heat Rate
 for January 2020 - December 2020
 Adjusted to Target Basis Using Heat Rate
 Equations Filed September 3, 2019

Daniel 2

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	11373 11039	10556 10857	- 10994	10955 11177	- 11056	11041 11453	
2. Target Heat Rate at Actual Conditions**	11914 11337	11327 10780	11269 11024	10955 11180	11459 11144	11715 10959	
3. Adjustment to Actual Heat Rate (1-2)	-541 -298	-771 77	-212 -30	0 -3	-403 -87	-674 494	
4. Actual Heat Rate (Page 5 of Sched. 3)	11856 11073	12350 10344	11627 10606	0 10948	16484 10904	11406 10489	
5. Adjusted Actual Heat Rate (4+3)	11315 10775	11579 10421	11415 10576	0 10945	16081 10817	10732 10983	
6. Net MWH Generation	50508 174599	42867 219141	104934 178726	0 164146	3364 167254	124839 165761	
7. Adjusted Actual Heat Rate for January 2020 - December 2020 = $(\Sigma(5*6)/\Sigma 6)$							10845

* From pages 23 & 24, Schedule 3 of Exhibit to C. L. Nicholson's September 3, 2019 GPIF Testimony in Docket 20190001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 13 of this Schedule.

Calculation of Average Net Operating Heat Rate
 for January 2020 - December 2020
 Adjusted to Target Basis Using Heat Rate
 Equations Filed September 3, 2019

Smith 3

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	6874 6994	6808 7022	6864 6951	6863 6763	6865 7044	6874 6872	
2. Target Heat Rate at Actual Conditions**	6862 6982	6807 7011	6865 6550	6868 6683	6865 6981	6867 7002	
3. Adjustment to Actual Heat Rate (1-2)	12 12	1 11	-1 401	-5 80	0 63	7 -130	
4. Actual Heat Rate*** (Page 6 of Sched. 3)	6922 7082	6947 7054	7002 6951	6986 6763	7022 7044	7101 6872	
5. Adjusted Actual Heat Rate (4+3)	6934 7094	6948 7065	7001 7352	6981 6843	7022 7107	7108 6742	
6. Net MWH Generation	453706 452041	400285 455509	317876 235913	380515 404428	443616 388629	435149 398370	
7. Adjusted Actual Heat Rate for January 2020 - December 2020 =($\Sigma(5*6)/\Sigma 6$)							7006

* From pages 25 & 26, Schedule 3 of Exhibit to C. L. Nicholson's September 3, 2019 GPIF Testimony in Docket 20190001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 13 of this Schedule.

Actual Values of
 Target Heat Rate Equation Parameters
 for January 2020 - December 2020

		Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec
Scherer 3							
	+3						
AKW * 10		349.1	282.2	307.7	0.0	0.0	331.7
		327.6	381.6	318.0	0.0	215.5	280.9
	+6						
LSRF * 10		149965.0	83417.0	97694.8	0.0	0.0	137977.7
		125225.4	176388.6	117683.1	0.0	60589.8	84786.7
GCEC 7							
	+3						
AKW * 10		315.2	281.2	251.1	0.0	183.6	211.1
		266.9	198.9	0.0	0.0	0.0	0.0
	+6						
LSRF * 10		104216.4	82442.7	64508.3	0.0	47718.5	49039.5
		74265.6	40271.7	0.0	0.0	0.0	0.0
Daniel 1							
	+3						
AKW * 10		200.7	173.6	174.5	0.0	183.7	183.4
		217.0	270.0	258.4	0.0	0.0	221.9
	+6						
LSRF * 10		44020.2	31445.9	30704.3	0.0	34776.9	35099.7
		51619.3	83184.1	78588.5	0.0	0.0	54785.4
Daniel 2							
	+3						
AKW * 10		160.2	117.9	146.9	0.0	164.5	174.1
		234.7	294.5	249.4	227.2	232.0	260.0
	+6						
LSRF * 10		29095.7	26135.8	22590.6	0.0	35572.9	35128.4
		67476.1	105500.7	78902.8	67385.9	64792.2	82461.1
Smith 3							
	+3						
AKW * 10		609.8	606.6	599.0	583.8	596.3	610.8
		607.6	612.2	327.7	543.6	539.0	778.9
	+6						
LSRF * 10		374730.1	361709.8	362631.8	347427.4	360352.9	370937.3
		372914.0	376940.9	350907.0	370457.2	373767.9	360269.0

Target Heat Rate Equations

Scherer 3 ANOHR = $10^6 / AKW * [606.47 - 82.01 * FEB - 83.21 * MAR + 61.89 * APR + 58.15 * JUN + 70.05 * JUL + 82.11 * SEP - 62.77 * NOV] + 9,540$

GCEC 7 ANOHR = $10^6 / AKW * [472.40 - 98.31 * JAN - 105.00 * FEB - 75.12 * MAR - 128.98 * APR - 86.23 * MAY - 72.19 * OCT - 155.88 * NOV] + 9,255$

Daniel 1 ANOHR = $10^6 / AKW * [513.64 + 53.71 * JAN + 90.24 * MAR - 77.10 * OCT - 78.86 * NOV] + 8,476 + 0.00192 * LSRF / AKW$

Daniel 2 ANOHR = $10^6 / AKW * [398.23 - 174.36 * FEB - 127.75 * MAR - 64.08 * MAY + 49.83 * JUL] + 9,428$

Smith 3 ANOHR = $10^6 / AKW * [-105.54 - 40.39 * FEB + 72.63 * JUL + 91.40 * AUG + 46.84 * SEP - 61.62 * OCT + 104.67 * NOV] + 7,448 - 0.00067 * LSRF / AKW$

Where:

ANOHR	Average Net Operating Heat Rate, BTU/KWH
AKW	Average Kilowatt Load, KW
LSRF	Load Square Range Factor, KW ²
JAN	January, 0 if not January, 1 if January
FEB	February, 0 if not February, 1 if February
MAR	March, 0 if not March, 1 if March
APR	April, 0 if not April, 1 if April
MAY	May, 0 if not May, 1 if May
JUN	June, 0 if not June, 1 if June
JUL	July, 0 if not July, 1 if July
AUG	August, 0 if not August, 1 if August
SEP	September, 0 if not September, 1 if September
OCT	October, 0 if not October, 1 if October
NOV	November, 0 if not November, 1 if November

Calculation of Heat Rate Points
 for January 2020 - December 2020

(1)	(2)	(3)	(4)	(5)
Unit	Actual Average Net Operating Heat Rate Target*	Net Operating Heat Rate Adjusted to Target Basis**	Minimum Attainable Heat Rate*	Heat Rate Points***
Scherer 3	10,616	10,555	10,298	0.00
GCEC 7	10,584	11,112	10,266	-10.00
Daniel 1	11,404	10,998	11,062	10.00
Daniel 2	11,057	10,845	10,725	5.33
Smith 3	6,900	7,006	6,693	-2.35

* From page 5, Schedule 3 of Exhibit to C. L. Nicholson's
 September 3, 2019 GPIF Testimony in Docket 20190001-EI.

** Refer to pages 7 through 11 of this Schedule for calculation.

*** If [(2) - 75] <= (3) <= [(2) + 75] then points = 0

If [(2) - (3) - 75] > 0 then points = $\frac{(2) - (3) - 75}{(2) - (4) - 75} * 10$

If [(2) - (3) + 75] < 0 then points = $\frac{(2) - (3) + 75}{(2) - (4) - 75} * 10$

IV. CALCULATION OF COMPANY GPIF POINTS AND REWARD/PENALTY

Calculation of Heat Rate Points
 GPIF Points and Reward or Penalty
 for January 2020 - December 2020

Unit	Availability Points	Availability* Weighting Factor	Heat Rate Points	Heat Rate* Weighting Factor
Scherer 3	-10.00	0.005	0.00	0.247
GCEC 7	-10.00	0.001	-10.00	0.074
Daniel 1	0.00	0.000	10.00	0.013
Daniel 2	-10.00	0.001	5.33	0.033
Smith 3	-10.00	0.013	-2.35	0.613

$$\begin{aligned}
 \text{Company GPIF Points} = & - 10.00 * 0.005 + 0.00 * 0.247 \\
 & - 10.00 * 0.001 - 10.00 * 0.074 \\
 & + 0.00 * 0.000 + 10.00 * 0.013 \\
 & - 10.00 * 0.001 + 5.33 * 0.033 \\
 & - 10.00 * 0.013 - 2.35 * 0.613
 \end{aligned}$$

$$= -2.08$$

$$\begin{aligned}
 \text{Company reward/penalty} = & -2.08 \text{ points} * \$789736 \text{ per point} \\
 = & (\$1,642,650)
 \end{aligned}$$

* From page 5, Schedule 3 of Exhibit to C. L. Nicholson's September 3, 2019 GPIF Testimony in Docket 20190001-EI.

V. GPIF MINIMUM FILING REQUIREMENTS FOR THE JANUARY 2020 - DECEMBER 2020 PERIOD

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Generating Performance Incentive Factor

Actual Reward/Penalty Table

Gulf Power Company

Period of: January 2020 - December 2020

Generating Performance Incentive Factor Points	Fuel Saving/Loss (\$000)	Generating Performance Incentive Factor (\$000)
	Maximum Attainable Fuel Savings	Maximum Incentive Dollars Allowed by Commission During Period (Reward)
+ 10	4912	2456
+ 9	4421	2210
+ 8	3930	1965
+ 7	3438	1719
+ 6	2947	1474
+ 5	2456	1228
+ 4	1965	982
+ 3	1474	737
+ 2	982	491
+ 1	491	246
0	0	0
- 1	-502	-251
- 2	-1004	-502
- 3	-1506	-753
- 4	-2008	-1004
- 5	-2510	-1255
- 6	-3011	-1506
- 7	-3513	-1757
- 8	-4015	-2008
- 9	-4517	-2259
- 10	-5019	-2510
	Minimum Attainable Fuel Loss	Maximum Incentive Dollars Allowed by Commission During Period (Penalty)

Issued by: Gulf Power Company

Generating Performance Incentive Factor

Calculation of Maximum Allowed Incentive Dollars

Actual

Gulf Power Company

Period of: January 2020 - December 2020

Line 1	Beginning of Period Balance of Common Equity	\$1,715,531,598
	End of Month Balance of Common Equity:	
Line 2	Month of Jan '20	\$1,827,349,490
Line 3	Month of Feb '20	\$2,141,403,583
Line 4	Month of Mar '20	\$2,154,579,015
Line 5	Month of Apr '20	\$2,466,402,894
Line 6	Month of May '20	\$2,484,183,584
Line 7	Month of Jun '20	\$2,509,210,993
Line 8	Month of Jul '20	\$2,542,380,549
Line 9	Month of Aug '20	\$2,723,719,510
Line 10	Month of Sep '20	\$2,750,010,741
Line 11	Month of Oct '20	\$2,767,302,081
Line 12	Month of Nov '20	\$2,784,899,962
Line 13	Month of Dec '20	\$2,800,445,687
Line 14	Average Common Equity for the Period (sum of line 1 through line 13 divided by 13)	\$2,435,955,360
Line 15	25 Basis Points	0.0025
Line 16	Revenue Expansion Factor	75.0562%
Line 17	Maximum Allowed Incentive Dollars (line 14 multiplied by line 15 divided by line 16 multiplied by 1.0)	\$8,113,771
Line 18	Jurisdictional Sales (KWH)	10,848,076,248
Line 19	Total Territorial Sales (KWH)	11,145,350,919
Line 20	Jurisdictional Separation Factor (line 18 divided by line 19)	97.3327%
Line 21	Maximum Allowed Jurisdictional Incentive Dollars (line 17 multiplied by line 20)	\$7,897,357
Line 22	Incentive Cap (50% of Projected Fuel Savings at 10 GPIF point level from sheet 7.383.9)	\$2,456,000
Line 23	Maximum Allowed GPIF Reward (at 10 GPIF Pt. level) (The lesser of Line 21 and Line 22)	\$2,456,000

Issued by: Gulf Power Company

Calculation of System Actual GPIF Points

Gulf Power Company

Period of: January 2020 - December 2020

Plant & Unit	Performance Indicator (EAF or ANOHR)	Weighting Factor	Unit Points	Weighted Unit Points
Scherer 3	EAF3	0.5%	-10.00	-0.050
Scherer 3	ANOHR3	24.7%	0.00	0.000
GCEC 7	EAF4	0.1%	-10.00	-0.010
GCEC 7	ANOHR4	7.4%	-10.00	-0.740
Daniel 1	EAF5	0.0%	0.00	0.000
Daniel 1	ANOHR5	1.3%	10.00	0.130
Daniel 2	EAF6	0.1%	-10.00	-0.006
Daniel 2	ANOHR6	3.3%	5.33	0.176
Smith 3	EAF7	1.3%	-10.00	-0.134
Smith 3	ANOHR7	61.3%	-2.35	-1.441
Gulf Power GPIF Total		100.0%		-2.08

Issued by: Gulf Power Company

Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2020 - December 2020

Scherer 3

Equivalent Availability Points	Fuel Savings/ Loss (\$000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss (\$000)	Adjusted Actual Heat Rate
+ 10	23	97.80	+ 10	1,211	10,298
+ 9	21	97.70	+ 9	1,090	10,322
+ 8	18	97.60	+ 8	969	10,347
+ 7	16	97.50	+ 7	848	10,371
+ 6	14	97.40	+ 6	727	10,395
+ 5	12	97.30	+ 5	606	10,420
+ 4	9	97.20	+ 4	484	10,444
+ 3	7	97.10	+ 3	363	10,468
+ 2	5	97.00	+ 2	242	10,492
+ 1	2	96.90	+ 1	121	10,517
				0	10,541
0	0	96.80	0	0	10,616
				0	10,691
- 1	(4)	96.67	- 1	(121)	10,715
- 2	(7)	96.54	- 2	(242)	10,740
- 3	(11)	96.41	- 3	(363)	10,764
- 4	(14)	96.28	- 4	(484)	10,788
- 5	(18)	96.15	- 5	(606)	10,813
- 6	(21)	96.02	- 6	(727)	10,837
- 7	(25)	95.89	- 7	(848)	10,861
- 8	(28)	95.76	- 8	(969)	10,885
- 9	(32)	95.63	- 9	(1,090)	10,910
- 10	(35)	95.50	- 10	(1,211)	10,934
Weighting Factor:		0.005	Weighting Factor:		0.247

Issued by: Gulf Power Company

Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2020 - December 2020

GCEC 7

Equivalent Availability Points	Fuel Savings/ Loss (\$000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss (\$000)	Adjusted Actual Heat Rate
+ 10	4	80.90	+ 10	365	10,266
+ 9	4	80.65	+ 9	329	10,290
+ 8	3	80.40	+ 8	292	10,315
+ 7	3	80.15	+ 7	256	10,339
+ 6	2	79.90	+ 6	219	10,363
+ 5	2	79.65	+ 5	183	10,388
+ 4	2	79.40	+ 4	146	10,412
+ 3	1	79.15	+ 3	110	10,436
+ 2	1	78.90	+ 2	73	10,460
+ 1	0	78.65	+ 1	37	10,485
				0	10,509
0	0	78.40	0	0	10,584
				0	10,659
- 1	(1)	78.10	- 1	(37)	10,683
- 2	(1)	77.80	- 2	(73)	10,708
- 3	(2)	77.50	- 3	(110)	10,732
- 4	(2)	77.20	- 4	(146)	10,756
- 5	(3)	76.90	- 5	(183)	10,781
- 6	(3)	76.60	- 6	(219)	10,805
- 7	(4)	76.30	- 7	(256)	10,829
- 8	(4)	76.00	- 8	(292)	10,853
- 9	(5)	75.70	- 9	(329)	10,878
- 10	(5)	75.40	- 10	(365)	10,902
Weighting Factor:		0.001	Weighting Factor:		0.074

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2020 - December 2020

Daniel 1

Equivalent Availability Points	Fuel Savings/ Loss (\$000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss (\$000)	Adjusted Actual Heat Rate
+ 10	1	73.80	+ 10	64	11,062
+ 9	1	73.51	+ 9	58	11,089
+ 8	1	73.22	+ 8	51	11,115
+ 7	1	72.93	+ 7	45	11,142
+ 6	1	72.64	+ 6	38	11,169
+ 5	1	72.35	+ 5	32	11,196
+ 4	0	72.06	+ 4	26	11,222
+ 3	0	71.77	+ 3	19	11,249
+ 2	0	71.48	+ 2	13	11,276
+ 1	0	71.19	+ 1	6	11,302
				0	11,329
0	0	70.90	0	0	11,404
				0	11,479
- 1	(0)	70.90	- 1	(6)	11,506
- 2	(0)	70.90	- 2	(13)	11,532
- 3	(1)	70.90	- 3	(19)	11,559
- 4	(1)	70.90	- 4	(26)	11,586
- 5	(1)	70.90	- 5	(32)	11,613
- 6	(1)	70.90	- 6	(38)	11,639
- 7	(1)	70.90	- 7	(45)	11,666
- 8	(2)	70.90	- 8	(51)	11,693
- 9	(2)	70.90	- 9	(58)	11,719
- 10	(2)	70.90	- 10	(64)	11,746
Weighting Factor:		0.000	Weighting Factor:		0.013

Issued by: Gulf Power Company

Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2020 - December 2020

Daniel 2

Equivalent Availability Points	Fuel Savings/ Loss (\$000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss (\$000)	Adjusted Actual Heat Rate
+ 10	3	86.50	+ 10	164	10,725
+ 9	3	86.32	+ 9	148	10,751
+ 8	2	86.14	+ 8	131	10,776
+ 7	2	85.96	+ 7	115	10,802
+ 6	2	85.78	+ 6	98	10,828
+ 5	2	85.60	+ 5	82	10,854
+ 4	1	85.42	+ 4	66	10,879
+ 3	1	85.24	+ 3	49	10,905
+ 2	1	85.06	+ 2	33	10,931
+ 1	0	84.88	+ 1	16	10,956
				0	10,982
0	0	84.70	0	0	11,057
				0	11,132
- 1	(0)	84.52	- 1	(16)	11,158
- 2	(1)	84.34	- 2	(33)	11,183
- 3	(1)	84.16	- 3	(49)	11,209
- 4	(2)	83.98	- 4	(66)	11,235
- 5	(2)	83.80	- 5	(82)	11,261
- 6	(2)	83.62	- 6	(98)	11,286
- 7	(3)	83.44	- 7	(115)	11,312
- 8	(3)	83.26	- 8	(131)	11,338
- 9	(4)	83.08	- 9	(148)	11,363
- 10	(4)	82.90	- 10	(164)	11,389
Weighting Factor:		0.001	Weighting Factor:		0.033

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2020 - December 2020

Smith 3

Equivalent Availability Points	Fuel Savings/ Loss (\$000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss (\$000)	Adjusted Actual Heat Rate
+ 10	66	90.80	+ 10	3,011	6,693
+ 9	59	90.71	+ 9	2,710	6,706
+ 8	53	90.62	+ 8	2,409	6,719
+ 7	46	90.53	+ 7	2,108	6,733
+ 6	40	90.44	+ 6	1,807	6,746
+ 5	33	90.35	+ 5	1,506	6,759
+ 4	26	90.26	+ 4	1,204	6,772
+ 3	20	90.17	+ 3	903	6,785
+ 2	13	90.08	+ 2	602	6,799
+ 1	7	89.99	+ 1	301	6,812
				0	6,825
0	0	89.90	0	0	6,900
				0	6,975
- 1	(16)	89.74	- 1	(301)	6,988
- 2	(32)	89.58	- 2	(602)	7,001
- 3	(47)	89.42	- 3	(903)	7,015
- 4	(63)	89.26	- 4	(1,204)	7,028
- 5	(79)	89.10	- 5	(1,506)	7,041
- 6	(95)	88.94	- 6	(1,807)	7,054
- 7	(111)	88.78	- 7	(2,108)	7,067
- 8	(126)	88.62	- 8	(2,409)	7,081
- 9	(142)	88.46	- 9	(2,710)	7,094
- 10	(158)	88.30	- 10	(3,011)	7,107
Weighting Factor:		0.013	Weighting Factor:		0.613

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GPIF Unit Performance Summary

Gulf Power Company

Period of: January 2020 - December 2020

Plant & Unit	Weighting Factor %	EAF Target %	EAF Range		Max Fuel Savings (\$000)	Max Fuel Loss (\$000)	EAF Adjusted Actual %	Actual Fuel Savings/ Loss (\$000)
			Max %	Min %				
Scherer 3	0.5	96.8	97.8	95.5	\$23	(\$35)	92.0	(\$35)
GCEC 7	0.1	78.4	80.9	75.4	\$4	(\$5)	49.2	(\$5)
Daniel 1	0.0	70.9	73.8	70.9	\$1	(\$2)	68.7	\$0
Daniel 2	0.1	84.7	86.5	82.9	\$3	(\$4)	79.2	(\$4)
Smith 3	1.3	89.9	90.8	88.3	\$66	(\$158)	87.5	(\$158)
Total:	2.0							

Plant & Unit	Weighting Factor %	ANOHR Target BTU/KWH	ANOHR Target NOF	ANOHR Range		Max Fuel Savings (\$000)	Max Fuel Loss (\$000)	ANOHR Adjusted Actual BTU/KWH	Actual Fuel Savings/ Loss (\$000)
				Max BTU/KWH	Min BTU/KWH				
Scherer 3	24.7	10,616	66.2	10,934	10,298	\$1,211	(\$1,211)	10,555	\$0
GCEC 7	7.4	10,584	64.7	10,902	10,266	\$365	(\$365)	11,112	(\$365)
Daniel 1	1.3	11,404	42.5	11,746	11,062	\$64	(\$64)	10,998	\$64
Daniel 2	3.3	11,057	47.5	11,389	10,725	\$164	(\$164)	10,845	\$87
Smith 3	61.3	6,900	93.7	7,107	6,693	\$3,011	(\$3,011)	7,006	(\$708)
Total:	98.0								

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Actual Unit Performance Data

Gulf Power Company

Period of: January 2020 - December 2020

Plant & Unit	Actual EAF %	Adjustments* to EAF %	Adjusted Actual %
Scherer 3	97.0	-5.0	92.0
GCEC 7	36.1	13.1	49.2
Daniel 1	72.0	-3.3	68.7
Daniel 2	70.5	8.7	79.2
Smith 3	93.6	-6.1	87.5

Plant & Unit	Actual ANOHR BTU/KWH	Adjustments** to ANOHR BTU/KWH	ANOHR Adjusted Actual BTU/KWH
Scherer 3	11,436	-881	10,555
GCEC 7	11,445	-333	11,112
Daniel 1	11,089	-91	10,998
Daniel 2	10,946	-101	10,845
Smith 3	6,981	25	7,006

* Refer to pages 3 through 7, Schedule 2.

** Refer to pages 7 through 11, Schedule 3.

Issued by: Gulf Power Company

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2020 - December 2020

	SCHERER 3	Jan '20	Feb '20	Mar '20	Apr '20	May '20	Jun '20	
1.	EAF (%)	100.0	100.0	100.0	100.0	100.0	96.7	
2.	PH	744.0	696.0	743.0	720.0	744.0	720.0	
3.	SH	139.5	76.7	92.6	0.0	0.0	147.8	
4.	RSH	604.5	619.4	650.4	720.0	744.0	548.1	
5.	UH	0.0	0.0	0.0	0.0	0.0	24.1	
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	
7.	FOH	0.0	0.0	0.0	0.0	0.0	24.1	
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	
9.	PFOH	0.0	0.0	0.0	0.0	0.0	0.0	
10.	LR pf (MW)	0.0	0.0	0.0	0.0	0.0	0.0	
11.	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	
13.	NSC (MW)	865.0	865.0	865.0	865.0	865.0	865.0	
14.	Oper MBtu	571,716	311,213	336,479	0	0	616,697	
15.	Net Gen (MWH)	48,697	21,627	28,499	0	0	49,022	
16.	ANOHR (Btu/KWH)	11,740	14,390	11,807	0	0	12,580	
17.	NOF %	40.4	32.6	35.6	0.0	0.0	38.3	
18.	NPC (MW)	865.0	865.0	865.0	865.0	865.0	865.0	
19.	ANOHR Equation	$10^6 / AKW * [606.47 - 82.01 * FEB - 83.21 * MAR + 61.89 * APR + 58.15 * JUN + 70.05 * JUL + 82.11 * SEP - 62.77 * NOV] + 9,540$						

Issued by: Gulf Power Company

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2020 - December 2020

SCHERER 3	Jul '20	Aug '20	Sep '20	Oct '20	Nov '20	Dec '20	Total
1. EAF (%)	99.4	100.0	100.0	100.0	67.7	100.0	97.0
2. PH	744.0	744.0	720.0	744.0	721.0	744.0	8784.0
3. SH	744.0	744.0	407.6	0.0	17.8	341.7	2711.7
4. RSH	0.0	0.0	312.4	744.0	470.2	402.3	5815.3
5. UH	0.0	0.0	0.0	0.0	233.0	0.0	257.1
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	24.1
8. MOH	0.0	0.0	0.0	0.0	233.0	0.0	233.0
9. PFOH	11.8	0.0	0.0	0.0	0.0	0.0	11.8
10. LR pf (MW)	310.0	0.0	0.0	0.0	0.0	0.0	310.0
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13. NSC (MW)	865.0	865.0	865.0	865.0	865.0	865.0	865.0
14. Oper MBtu	2,810,072	3,103,766	1,488,665	0	51,000	1,058,360	10,347,968
15. Net Gen (MWH)	243,726	283,888	129,600	0	3,827	96,003	904,889
16. ANOHR (Btu/KWH)	11,530	10,933	11,487	0	13,326	11,024	11,436
17. NOF %	37.9	44.1	36.8	0.0	24.9	32.5	38.6
18. NPC (MW)	865.0	865.0	865.0	865.0	865.0	865.0	865.0
19. ANOHR Equation	10*6 / AKW * [606.47 - 82.01 * FEB - 83.21 * MAR + 61.89 * APR + 58.15 * JUN + 70.05 * JUL + 82.11 * SEP - 62.77 * NOV] + 9,540						

Issued by: Gulf Power Company

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2020 - December 2020

GCEC 7	Jan '20	Feb '20	Mar '20	Apr '20	May '20	Jun '20	
1. EAF (%)	100.0	100.0	55.6	0.0	4.2	23.7	
2. PH	744.0	696.0	743.0	720.0	744.0	720.0	
3. SH	504.8	696.0	405.1	0.0	31.4	184.9	
4. RSH	239.2	0.0	8.3	0.0	0.0	0.0	
5. UH	0.0	0.0	329.6	720.0	712.6	535.1	
6. POH	0.0	0.0	264.0	720.0	705.2	0.0	
7. FOH	0.0	0.0	0.0	0.0	7.4	0.0	
8. MOH	0.0	0.0	65.6	0.0	0.0	535.1	
9. PFOH	0.0	0.0	0.0	0.0	0.0	67.3	
10. LR pf (MW)	0.0	0.0	0.0	0.0	0.0	101.3	
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	
13. NSC (MW)	475.0	475.0	475.0	475.0	475.0	475.0	
14. Oper MBtu	1,671,635	2,275,518	1,065,125	0	185,960	482,356	
15. Net Gen (MWH)	159,111	195,727	101,709	0	5,757	39,029	
16. ANOHR (Btu/KWH)	10,506	11,626	10,472	0	32,302	12,359	
17. NOF %	66.4	59.2	52.9	0.0	38.6	44.4	
18. NPC (MW)	475.0	475.0	475.0	475.0	475.0	475.0	
19. ANOHR Equation	$10^6 / AKW * [472.40 - 98.31 * JAN - 105.00 * FEB - 75.12 * MAR - 128.98 * APR - 86.23 * MAY - 72.19 * OCT - 155.88 * NOV] + 9,255$						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2020 - December 2020

GCEC 7	Jul '20	Aug '20	Sep '20	Oct '20	Nov '20	Dec '20	Total
1. EAF (%)	58.9	44.7	48.3	0.0	0.0	0.0	36.1
2. PH	744.0	744.0	720.0	744.0	721.0	744.0	8784.0
3. SH	438.0	303.3	0.0	0.0	0.0	0.0	2563.4
4. RSH	1.0	87.3	348.0	0.0	0.0	0.0	683.7
5. UH	305.0	353.4	372.0	744.0	721.0	744.0	5536.8
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	1689.3
7. FOH	0.0	2.1	358.0	744.0	721.0	744.0	2576.5
8. MOH	305.0	351.3	14.0	0.0	0.0	0.0	1271.1
9. PFOH	2.4	0.0	0.0	0.0	0.0	0.0	69.7
10. LR pf (MW)	201.0	0.0	0.0	0.0	0.0	0.0	104.7
11. PMOH	0.0	302.8	0.0	0.0	0.0	0.0	302.8
12. LR pm (MW)	0.0	91.0	0.0	0.0	0.0	0.0	91.0
13. NSC (MW)	475.0	475.0	475.0	475.0	475.0	475.0	475.0
14. Oper MBtu	1,345,346	740,013	0	0	0	0	7,765,953
15. Net Gen (MWH)	116,886	60,336	0	0	0	0	678,555
16. ANOHR (Btu/KWH)	11,510	12,265	0	0	0	0	11,445
17. NOF %	56.2	41.9	0.0	0.0	0.0	0.0	55.7
18. NPC (MW)	475.0	475.0	475.0	475.0	475.0	475.0	475.0
19. ANOHR Equation	10^6 / AKW * [472.40 - 98.31 * JAN - 105.00 * FEB - 75.12 * MAR - 128.98 * APR - 86.23 * MAY - 72.19 * OCT - 155.88 * NOV] + 9,255						

Issued by: Gulf Power Company

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2020 - December 2020

DANIEL 1	Jan '20	Feb '20	Mar '20	Apr '20	May '20	Jun '20	
1. EAF (%)	98.5	98.4	98.6	88.3	82.9	84.7	
2. PH	744.0	696.0	743.0	720.0	744.0	720.0	
3. SH	73.4	71.6	212.6	0.0	632.8	720.0	
4. RSH	670.6	624.4	530.4	636.0	80.6	0.0	
5. UH	0.0	0.0	0.0	84.0	30.7	0.0	
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	
7. FOH	0.0	0.0	0.0	0.0	1.3	0.0	
8. MOH	0.0	0.0	0.0	84.0	29.4	0.0	
9. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	
10. LR pf (MW)	0.0	0.0	0.0	0.0	0.0	0.0	
11. PMOH	73.4	71.6	69.2	0.0	632.0	720.0	
12. LR pm (MW)	77.0	77.0	77.0	0.0	77.0	77.0	
13. NSC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	
14. Oper MBtu	170,333	159,995	409,581	0	1,335,230	1,546,394	
15. Net Gen (MWH)	14,738	12,428	37,096	0	116,218	132,069	
16. ANOHR (Btu/KWH)	11,557	12,874	11,041	0	11,489	11,709	
17. NOF %	40.0	34.6	34.8	0.0	36.6	36.5	
18. NPC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	
19. ANOHR Equation	$10^6 / AKW * [513.64 + 53.71 * JAN + 90.24 * MAR - 77.10 * OCT - 78.86 * NOV]$ $+ 8,476 + 0.00192 * LSRF / AKW$						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2020 - December 2020

	DANIEL 1	Jul '20	Aug '20	Sep '20	Oct '20	Nov '20	Dec '20	Total
1.	EAF (%)	86.5	90.6	74.0	0.0	0.0	62.3	72.0
2.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8784.0
3.	SH	671.3	744.0	526.6	0.0	0.0	547.7	4200.0
4.	RSH	60.5	0.0	73.4	0.0	0.0	0.0	2675.8
5.	UH	12.2	0.0	120.0	744.0	721.0	196.3	1908.2
6.	POH	0.0	0.0	120.0	744.0	721.0	196.3	1781.3
7.	FOH	0.0	0.0	0.0	0.0	0.0	0.0	1.3
8.	MOH	12.2	0.0	0.0	0.0	0.0	0.0	125.6
9.	PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	LR pf (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.	PMOH	572.9	454.9	438.0	0.0	0.0	547.5	3579.4
12.	LR pm (MW)	77.0	77.0	77.0	0.0	0.0	77.0	77.0
13.	NSC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	502.0
14.	Oper MBtu	1,649,141	2,122,595	1,419,087	0	0	1,353,102	10,165,459
15.	Net Gen (MWH)	145,663	200,851	136,068	0	0	121,545	916,676
16.	ANOHR (Btu/KWH)	11,322	10,568	10,429	0	0	11,133	11,089
17.	NOF %	43.2	53.8	51.5	0.0	0.0	44.2	43.5
18.	NPC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	502.0
19.	ANOHR Equation	$10^6 / AKW * [513.64 + 53.71 * JAN + 90.24 * MAR - 77.10 * OCT - 78.86 * NOV]$ $+ 8,476 + 0.00192 * LSRF / AKW$						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2020 - December 2020

	DANIEL 2	Jan '20	Feb '20	Mar '20	Apr '20	May '20	Jun '20	
1.	EAf (%)	69.3	87.7	81.4	0.0	2.3	86.1	
2.	PH	744.0	696.0	743.0	720.0	744.0	720.0	
3.	SH	315.3	363.5	714.3	0.0	20.5	717.0	
4.	RSH	309.2	326.0	0.0	0.0	0.0	0.0	
5.	UH	119.6	6.5	28.7	720.0	723.6	3.0	
6.	POH	0.0	0.0	26.3	720.0	723.6	0.0	
7.	FOH	0.0	0.0	0.0	0.0	0.0	3.0	
8.	MOH	119.6	6.5	2.4	0.0	0.0	0.0	
9.	PFOH	0.0	0.0	0.0	0.0	0.0	0.0	
10.	LR pf (MW)	0.0	0.0	0.0	0.0	0.0	0.0	
11.	PMOH	314.7	363.1	714.9	0.0	20.1	630.9	
12.	LR pm (MW)	173.0	109.4	77.0	0.0	77.0	77.0	
13.	NSC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	
14.	Oper MBtu	598,801	529,388	1,220,084	0	55,453	1,423,930	
15.	Net Gen (MWH)	50,508	42,867	104,934	0	3,364	124,839	
16.	ANOHR (Btu/KWH)	11,856	12,350	11,627	0	16,484	11,406	
17.	NOF %	31.9	23.5	29.3	0.0	32.8	34.7	
18.	NPC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	
19.	ANOHR Equation	$10^6 / AKW * [398.23 - 174.36 * FEB - 127.75 * MAR - 64.08 * MAY + 49.83 * JUL]$ + 9,428						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2020 - December 2020

	DANIEL 2	Jul '20	Aug '20	Sep '20	Oct '20	Nov '20	Dec '20	Total
1.	EAF (%)	88.5	90.7	86.1	82.2	84.7	86.9	70.5
2.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8784.0
3.	SH	744.0	744.0	716.7	722.6	721.0	637.5	6416.2
4.	RSH	0.0	0.0	0.0	0.0	0.0	106.5	741.7
5.	UH	0.0	0.0	3.3	21.4	0.0	0.0	1626.1
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	1469.9
7.	FOH	0.0	0.0	0.0	0.0	0.0	0.0	3.0
8.	MOH	0.0	0.0	3.3	21.4	0.0	0.0	153.2
9.	PFOH	5.5	0.0	0.0	0.0	0.0	0.0	5.5
10.	LR pf (MW)	117.0	0.0	0.0	0.0	0.0	0.0	117.0
11.	PMOH	550.0	452.9	629.6	722.2	721.0	637.1	5756.4
12.	LR pm (MW)	77.0	77.0	77.0	77.0	77.0	77.0	84.3
13.	NSC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	502.0
14.	Oper MBtu	1,933,304	2,266,798	1,895,608	1,796,997	1,823,728	1,738,584	15,282,675
15.	Net Gen (MWH)	174,599	219,141	178,726	164,146	167,254	165,761	1,396,139
16.	ANOHR (Btu/KWH)	11,073	10,344	10,606	10,948	10,904	10,489	10,946
17.	NOF %	46.7	58.7	49.7	45.3	46.2	51.8	43.3
18.	NPC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	502.0
19.	ANOHR Equation	$10^6 / AKW * [398.23 - 174.36 * FEB - 127.75 * MAR - 64.08 * MAY + 49.83 * JUL]$ + 9,428						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2020 - December 2020

	SMITH 3	Jan '20	Feb '20	Mar '20	Apr '20	May '20	Jun '20	
1.	EAf (%)	100.0	94.8	71.4	90.2	100.0	98.8	
2.	PH	744.0	696.0	743.0	720.0	744.0	720.0	
3.	SH	744.0	659.9	530.7	651.8	744.0	712.5	
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	
5.	UH	0.0	36.1	212.3	68.2	0.0	7.5	
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	
7.	FOH	0.0	0.0	14.3	0.0	0.0	0.0	
8.	MOH	0.0	36.1	198.0	68.2	0.0	7.5	
9.	PFOH	0.0	0.0	0.0	0.0	0.0	0.0	
10.	LR pf (MW)	0.0	0.0	0.0	0.0	0.0	0.0	
11.	PMOH	0.0	0.0	0.0	4.5	0.0	7.5	
12.	LR pm (MW)	0.0	0.0	0.0	332.0	0.0	117.0	
13.	NSC (MW)	646.3	646.3	636.0	636.0	636.0	627.2	
14.	Oper MBtu	3,140,397	2,780,623	2,225,619	2,658,216	3,114,947	3,089,787	
15.	Net Gen (MWH)	453,706	400,285	317,876	380,515	443,616	435,149	
16.	ANOHR (Btu/KWH)	6,922	6,947	7,002	6,986	7,022	7,101	
17.	NOF %	94.4	93.9	94.2	91.8	93.8	97.4	
18.	NPC (MW)	646.3	646.3	636.0	636.0	636.0	627.2	
19.	ANOHR Equation	$10^6 / AKW * [-105.54 - 40.39 * FEB + 72.63 * JUL + 91.40 * AUG + 46.84 * SEP - 61.62 * OCT + 104.67 * NOV]$ $+ 7,448 - 0.00067 * LSRF / AKW$						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2020 - December 2020

	SMITH 3	Jul '20	Aug '20	Sep '20	Oct '20	Nov '20	Dec '20	Total
1.	EAF (%)	100.0	100.0	99.7	100.0	100.0	68.7	93.6
2.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8784.0
3.	SH	744.0	744.0	720.0	744.0	721.0	511.5	8227.3
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	0.0	0.0	0.0	0.0	0.0	232.5	556.7
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.	FOH	0.0	0.0	0.0	0.0	0.0	0.0	14.3
8.	MOH	0.0	0.0	0.0	0.0	0.0	232.5	542.4
9.	PFOH	0.0	0.0	13.3	0.0	0.0	0.0	13.3
10.	LR pf (MW)	0.0	0.0	117.0	0.0	0.0	0.0	117.0
11.	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	12.0
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	197.2
13.	NSC (MW)	627.2	627.2	627.2	636.0	636.0	646.3	635.6
14.	Oper MBtu	3,201,198	3,213,153	1,639,831	2,735,145	2,737,505	2,737,597	33,274,018
15.	Net Gen (MWH)	452,041	455,509	235,913	404,428	388,629	398,370	4,766,037
16.	ANOHR (Btu/KWH)	7,082	7,054	6,951	6,763	7,044	6,872	6,981
17.	NOF %	96.9	97.6	52.2	85.5	84.8	120.5	91.1
18.	NPC (MW)	627.2	627.2	627.2	636.0	636.0	646.3	635.6
19.	ANOHR Equation	$10^6 / AKW * [-105.54 - 40.39 * FEB + 72.63 * JUL + 91.40 * AUG + 46.84 * SEP - 61.62 * OCT + 104.67 * NOV]$ $+ 7,448 - 0.00067 * LSRF / AKW$						

Planned Outage Schedules (Actual)

Period of: January 2020 - December 2020

Critical path bar charts of actual work activity performed during major planned outages are not shown here since corresponding bar charts of forecast work activity were not provided earlier in conformance with agreement with Staff to avoid the premature production of charts prior to their normal course of development. Forecast and actual critical path bar charts are developed for each planned outage and, per agreement with Staff, these charts will be provided on request.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

IN RE: **Fuel and Purchased Power Cost**)
Recovery Clause with Generating)
Performance Incentive Factor)

Docket No.: **20210001-EI**

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing was furnished by electronic mail this 16th day of March, 2021 to the following:

Florida Public Utilities Company
Florida Division of Chesapeake
Utilities Corp
Mike Cassel, Director
Regulatory and Governmental Affairs
1750 SW 14th Street, Suite 200
Fernandina Beach, FL 32034
mcassel@fpuc.com

PCS Phosphate – White Springs
c/o Stone Mattheis Xenopoulos
& Brew, P.C.
James W. Brew/Laura Baker
Eighth Floor, West Tower
1025 Thomas Jefferson St, NW
Washington, DC 20007
jbrew@smxblaw.com
lwb@smxblaw.com

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

Florida Power & Light Company
Maria J. Moncada
David Lee
700 Universe Boulevard (LAW/JB)
Juno Beach, FL 33408-0420
Maria.moncada@fpl.com
David.Lee@fpl.com

Florida Power & Light Company
Kenneth Hoffman
134 West Jefferson Street
Tallahassee, FL 32301
Kenneth.Hoffman@fpl.com

Ausley Law Firm
James D. Beasley
J. Jeffry Wahlen
Malcolm N. Means
Post Office Box 391
Tallahassee, FL 32302
jbeasley@ausley.com
jwahlen@ausley.com
mmeans@ausley.com

Gunster Law Firm
Beth Keating
215 South Monroe Street, Suite 601
Tallahassee, FL 32301-1839
bkeating@gunster.com

Office of Public Counsel
J. R. Kelly/M. Fall-Fry
Patricia A. Christensen
Associate Public Counsel
c/o The Florida Legislature
111 W. Madison Street, Room 812
Tallahassee, FL 32399-1400
Kelly.jr@leg.state.fl.us
Christensen.patty@leg.state.fl.us
fall-fry.mireille@leg.state.fl.us

Duke Energy Florida, Inc.
Matthew R. Bernier
106 East College Avenue,
Suite 800
Tallahassee, FL 32301-7740
Matthew.bernier@duke-energy.com
FLRegulatoryLegal@duke-energy.com

Florida Industrial Power Users Group
c/o Moyle Law Firm
Jon C. Moyle, Jr.
118 North Gadsden Street
Tallahassee, FL 32301
jmoyle@moylelaw.com
mqualls@moylelaw.com

Tampa Electric Company
Ms. Paula K. Brown, Manager
Regulatory Coordination
P. O. Box 111
Tampa, FL 33601-0111
Regdept@tecoenergy.com

Office of the General Counsel
Suzanne Brownless
2540 Shumard Oak Blvd
Tallahassee, FL 32399-0850
sbrownle@psc.state.fl.us



RUSSELL A. BADDERS
VP & Associate General Counsel
Florida Bar No. 007455
Russell.Badders@nexteraenergy.com
Maria Jose Moncada
Senior Attorney
Florida Bar No. 0773301
Maria.Moncada@fpl.com
Gulf Power Company
One Energy Place
Pensacola FL 32520-0100
(850) 444-6550
Attorney for Gulf Power