



Gulf Power®

March 15, 2019

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. 20190001-EI is a copy of the following:

Prepared direct testimony and exhibit of Cody Nicholson concerning
the Generating Performance Incentive Factor Results for
January 2018 – December 2018.

Electronic copies of exhibits attached to Gulf's witness Cody Nicholson will be
provided to the parties under separate cover.

Sincerely,

A handwritten signature in blue ink that reads "C. Shane Boyett".

C. Shane Boyett
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. 20190001-EI

**PREPARED DIRECT TESTIMONY
AND EXHIBIT OF**

C. L. NICHOLSON

**GENERATING PERFORMANCE INCENTIVE
RESULTS FOR**

JANUARY 2018 – DECEMBER 2018

March 15, 2019



Gulf Power®

1 GULF POWER COMPANY

2 Before the Florida Public Service Commission
3 Prepared Direct Testimony of
4 C. L. Nicholson
5 Docket No. 20190001-EI
6 Date of Filing: March 15, 2019

7 Q. Please state your name, address, and occupation.

8 A. My name is Cody L. Nicholson. My business address is One Energy Place,
9 Pensacola, Florida 32520-0335. My current job position is Senior Power
10 Generation Department Technical Services Specialist for Gulf Power Company.

11 Q. Please describe your educational and business background.

12 A. I received my Bachelor of Science degree in Mechanical Engineering from
13 Auburn University in 1998. I joined Southern Company with Alabama Power in
14 1996 as a summer intern. Upon graduation in 1998, I joined Southern
15 Company Services (SCS), a subsidiary of Southern Company. During my time
16 at SCS, I worked in Farley Project and in Generating Plant Performance
17 (GPP), where I progressed through various engineering positions with
18 increasing responsibilities. My primary responsibility in Farley Project was to
19 coordinate design changes to Plant Farley. My primary responsibility in GPP
20 was to conduct heat rate tests and performance tests on plant equipment. I
21 joined Southern Nuclear Operating Company (SNC) in 2011. At SNC, my
22 primary responsibility was to coordinate responses to requests from the U. S.
23 Nuclear Regulatory Commission for various projects. I joined SCS in 2014 as
24 a Performance and Reliability Engineer, where my primary responsibility was
25 to report key performance indicators on a monthly basis.

1 I joined Gulf Power in 2015 in my current job position as Senior Power
2 Generation Department Technical Services Specialist as previously
3 mentioned in my testimony. In this position, I am responsible for preparing
4 all Generating Performance Incentive Factor (GPIF) filings as well as other
5 generating plant reliability and heat rate performance reporting for Gulf
6 Power Company.

7
8 Q. What is the purpose of your testimony in this proceeding?

9 A. The purpose of my testimony is to present GPIF results for Gulf Power
10 Company for the period of January 1, 2018, through December 31, 2018.

11
12 Q. Have you prepared an exhibit that contains information to which you will
13 refer in your testimony?

14 A. Yes. I have prepared an exhibit consisting of five schedules.

15 Counsel: We ask that Mr. Nicholson's Exhibit
16 consisting of five schedules be marked
17 as Exhibit No. _____ (CLN-1).

18
19 Q. Is there any information that has been supplied to the Commission
20 pertaining to this GPIF period that requires amendment?

21 A. Yes. Some corrections have been made to the actual unit performance
22 data, which was submitted monthly to the Commission during this time
23 period. These corrections are based on discoveries made during the final
24 data review to ensure the accuracy of the information reported in this filing.
25 The actual unit performance data tables on pages 13 through 22 of

1 Schedule 5 of my exhibit incorporate these changes. The data contained
2 in these tables is the data upon which the GPIF calculations were made.

3
4 Q. Please review the Company's equivalent availability results for the period.

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

9
10 A calculation of GPIF availability points based on these availabilities and
11 the targets established by FPSC Order No. PSC-2018-0610-FOF-EI is on
12 page 8 of Schedule 2. The results are: Scherer 3, -10.00 points; Crist 7,
13 -10.00 points; Daniel 1, -10.00 points; Daniel 2, -10.00 points; and Smith
14 3, -10.00 points.

15
16 Q. What were the heat rate results for the period?

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

19
20 As was done for the prior GPIF periods, and as indicated on pages 7
21 through 11 of Schedule 3, the target equations were used to adjust actual
22 results to the target basis. These equations, submitted in September 2017,
23 are shown on page 13 of Schedule 3. As calculated on page 14 of
24 Schedule 3, the adjusted actual average net operating heat rates
25 correspond to the following GPIF unit heat rate points:

1 Scherer 3, 0.00 points; Crist 7, 0.00 points; Daniel 1, 2.44 points;
2 Daniel 2, 6.68 points, and Smith 3, 0.00 points.

3

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

7 A. Using the unit equivalent availability and heat rate points previously
8 mentioned, along with the appropriate weighting factors, the number of
9 Company points achieved was 0.02 as indicated on page 2 of Schedule 4.
10 This calculated to a reward in the amount of \$10,384.

11

12 Q. Please summarize your testimony.

13 A. In view of the adjusted actual equivalent availabilities, as shown on page 8
14 of Schedule 2, and the adjusted actual average net operating heat rates
15 achieved, as shown on page 14 of Schedule 3, evidencing the Company's
16 performance for the period, Gulf calculates a reward in the amount of
17 \$10,384 as provided for by the GPIF plan.

18

19 Q. Does this conclude your testimony?

20 A. Yes.

21

22

23

24

25

AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

Docket No. 20190001-EI

Before me, the undersigned authority, personally appeared Cody Nicholson, who being first duly sworn, deposes and says that he is the Senior Power Generation Division Technical Services Specialist 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.



Cody Nicholson
Senior Power Generation Division Technical
Services Specialist

Sworn to and subscribed before me this 15th day of March, 2019.



Notary Public, State of Florida at Large



MELISSA DARNES
MY COMMISSION # FF 912698
EXPIRES: December 17, 2019
Bonded Thru Budget Notary Services

EXHIBIT TO THE TESTIMONY OF

C. L. NICHOLSON

IN FPSC DOCKET 20190001-EI

I. CORRECTIONS TO REPORTED DATA FOR THE JANUARY 2018 - DECEMBER 2018 PERIOD

Additions and Corrections to Outages Previously Reported
for the January 2018 - December 2018 Period

<u>Date</u>	<u>Unit</u>	<u>Change</u>	<u>Outage Type</u>	<u>Hours</u>	<u>MW</u>	<u>Description</u>
April filing	Daniel 1	Added planned derate.	PMO	383.6	35.8	Event in April added after filing. Decreased EAF.
April filing	Daniel 2	Added planned derate.	PMO	516.7	36.0	Event in April added after filing. Decreased EAF.
January filing	Scherer 3	Reduced event duration.	FFO	2.8	860.0	Increased EAF.

II. CALCULATIONS OF EQUIVALENT AVAILABILITY POINTS

Comparison of Forecast and Actual Planned Outages
 for January 2018 - December 2018

<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>
Crist 7	1	03/03/18 - 04/22/18	1223.0	03/02/18 - 05/01/18	1431.4
Crist 7	2	N/A	0.0	08/24/18 - 09/09/18	365.4
Smith 3	3	05/05/18 - 05/13/18	216.0	05/16/18 - 05/26/18	232.0
Smith 3	5	10/13/18 - 10/21//18	216.0	N/A	0.0
Daniel 1	4	03/01/18 - 04/16/18	1127.0	03/01/18 - 04/26/18	1353.6
Daniel 2	1	03/24/18 - 04/01/18	216.0	03/24/18 - 04/02/18	216.0

* Planned outage hours in the January 2018 - December 2018 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.
 5. The outage was cancelled due to Hurricane Michael.

Calculation of Actual Equivalent Availability
 for January 2018 - December 2018
 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	2.8 0.0	0.0 0.0	0.0 0.0	0.0 144.5	0.0 0.0	0.0 3.4	150.7
EFOH	0.4 0.0	0.0 0.1	0.0 0.0	0.7 0.0	12.7 0.0	0.0 17.7	31.6
MOH	0.0 0.0	0.0 0.0	51.9 0.0	0.0 0.0	221.0 0.0	0.0 81.6	354.5
EMOH	0.0 0.0	0.0 2.1	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	2.1
PH	744.0 744.0	672.0 744.0	743.0 720.0	720.0 744.0	744.0 721.0	720.0 744.0	8760.0
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

$$1. \text{EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(150.7 + 31.6 + 354.5 + 2.1)}{(8760.0 - 0.0 - 0.0)}$$

$$\text{EUOR} = 0.0615$$

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

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

$$\text{Target RSH}^* = 441.0$$

$$\text{EA} = \left[1 - \frac{(0.0 + 0.0615 (8760.0 - 0.0 - 441.0))}{8760.0} \right] \times 100 = 94.2 \%$$

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

Calculation of Actual Equivalent Availability
 for January 2018 - December 2018
 Based on Target Planned Outage Hours
 Crist 7

Results of Operations

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
FOH	0.0 31.5	0.0 0.0	0.0 4.6	0.0 0.0	114.6 5.1	0.8 0.0	156.6
EFOH	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	50.0 0.0	30.3 0.0	80.3
MOH	391.3 64.4	407.9 0.0	48.0 0.0	0.0 0.0	36.3 0.0	106.7 0.0	1054.6
EMOH	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	20.4 0.0	20.4
PH	744.0 744.0	672.0 744.0	743.0 720.0	720.0 744.0	744.0 721.0	720.0 744.0	8760.0
POH	0.0 0.0	0.0 170.4	695.0 195.0	720.0 0.0	16.4 0.0	0.0 0.0	1796.8
RSH	0.0 0.0	144.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	144.0

$$1. \text{EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(156.6 + 80.3 + 1054.6 + 20.4)}{(8760.0 - 1796.8 - 144.0)}$$

$$\text{EUOR} = 0.1924$$

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

$$\text{Target POH}^* = 1227.0$$

$$\text{Target RSH}^* = 2322.0$$

$$\text{EA} = \left[1 - \frac{(1227.0 + 0.1924 (8760.0 - 1227.0 - 2322.0))}{8760.0} \right] \times 100 = 74.5 \%$$

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

Calculation of Actual Equivalent Availability
 for January 2018 - December 2018
 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	3.4 0.0	0.0 0.0	0.0 0.0	0.0 32.9	2.3 0.0	6.6 0.0	45.1
EFOH	102.7 1.6	0.0 73.6	0.0 124.4	0.0 69.9	2.1 2.6	3.1 0.0	380.0
MOH	0.0 0.0	0.0 18.2	0.0 42.7	0.0 79.3	146.2 24.6	0.0 41.1	352.0
EMOH	0.9 127.5	0.0 35.9	0.0 3.3	7.8 83.8	60.2 102.4	106.0 80.9	608.7
PH	744.0 744.0	672.0 744.0	743.0 720.0	720.0 744.0	744.0 721.0	720.0 744.0	8760.0
POH	0.0 0.0	0.0 0.0	743.0 0.0	610.6 0.0	0.0 0.0	0.0 0.0	1353.6
RSH	0.0 0.0	531.6 237.5	0.0 0.0	0.0 75.4	0.0 0.0	0.0 203.7	1048.1

$$1. \text{EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(45.1 + 380.0 + 352.0 + 608.7)}{(8760.0 - 1353.6 - 1048.1)}$$

$$\text{EUOR} = 0.2179$$

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

$$\text{Target POH}^* = 1127.0$$

$$\text{Target RSH}^* = 2293.0$$

$$\text{EA} = \left[1 - \frac{(1127.0 + 0.2179 (8760.0 - 1127.0 - 2293.0))}{8760.0} \right] \times 100 = 73.9 \%$$

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

Calculation of Actual Equivalent Availability
 for January 2018 - December 2018
 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 1.8	0.0 0.0	8.7 0.0	0.0 0.0	12.2 0.0	22.7
EFOH	10.4 32.2	0.0 56.9	0.0 106.6	0.0 116.3	0.0 0.9	2.6 32.4	358.3
MOH	0.0 0.0	0.0 33.9	0.0 26.2	0.0 95.0	0.0 0.0	0.0 0.0	155.1
EMOH	0.0 90.7	0.0 41.4	0.0 69.7	17.9 85.2	46.3 110.4	67.9 88.8	618.3
PH	744.0 744.0	672.0 744.0	743.0 720.0	720.0 744.0	744.0 721.0	720.0 744.0	8760.0
POH	0.0 0.0	0.0 0.0	192.0 0.0	24.0 0.0	0.0 0.0	0.0 0.0	216.0
RSH	208.6 0.0	505.7 0.0	485.7 0.0	544.8 24.0	0.0 98.4	0.0 220.6	2087.8

$$1. \text{EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(22.7 + 358.3 + 155.1 + 618.3)}{(8760.0 - 216.0 - 2087.8)}$$

$$\text{EUOR} = 0.1788$$

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

$$\text{Target POH}^* = 216.0$$

$$\text{Target RSH}^* = 1070.0$$

$$\text{EA} = \left[1 - \frac{(216.0 + 0.1788 (8760.0 - 216.0 - 1070.0))}{8760.0} \right] \times 100 = 82.3 \%$$

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

Calculation of Actual Equivalent Availability
 for January 2018 - December 2018
 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	0.0 0.0	0.0 534.9	0.0 35.0	0.0 0.0	569.8
EFOH	0.8 0.0	1.5 0.6	0.0 3.4	0.0 0.0	0.0 119.1	0.3 31.9	157.6
MOH	0.0 0.0	0.0 0.0	17.5 0.0	0.0 0.0	0.0 0.0	0.0 0.0	17.5
EMOH	8.0 0.0	0.0 0.0	8.7 11.1	0.0 0.0	42.4 1.8	0.0 13.5	85.5
PH	744.0 744.0	672.0 744.0	743.0 720.0	720.0 744.0	744.0 721.0	720.0 744.0	8760.0
POH	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	232.0 0.0	0.0 0.0	232.0
RSH	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 3.8	0.0 0.0	3.8

$$1. \text{EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(569.8 + 157.6 + 17.5 + 85.5)}{(8760.0 - 232.0 - 3.8)}$$

$$\text{EUOR} = 0.0974$$

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

$$\text{Target POH}^* = 432.0$$

$$\text{Target RSH}^* = 777.0$$

$$\text{EA} = \left[1 - \frac{(432.0 + 0.0974 (8760.0 - 432.0 - 777.0))}{8760.0} \right] \times 100 = 86.7\%$$

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

Calculation of Equivalent Availability Points
 for January 2018 - December 2018

(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	97.2	94.2	96.0	-10.00
Crist 7	82.1	74.5	80.6	-10.00
Daniel 1	82.2	73.9	81.7	-10.00
Daniel 2	90.7	82.3	88.0	-10.00
Smith 3	93.2	86.7	92.3	-10.00

* As appropriate from page 5, Schedule 3 of Exhibit to C. L. Nicholson's September 1, 2017 GPIF Testimony in Docket 20170001-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 2018 - December 2018

Scherer 3

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	530820.0 583612.0	322534.0 575636.0	333516.0 633416.0	430838.0 482060.0	378280.0 584994.0	529256.0 411556.0	5796518.0
BTU/Lb*	8336.6 8287.5	8269.6 8286.1	8368.4 8381.3	8323.3 8397.8	8228.3 8343.6	8254.7 8261.8	8314.6
Coal, MMBTU	4425228.9 4836677.1	2667230.4 4769794.2	2791004.3 5308818.2	3585998.4 4048226.0	3112606.1 4880978.9	4368873.9 3400178.5	48195614.9
Oil, MMBTU	3828.2 63.8	533.8 91.3	3454.8 72.1	422.1 5639.4	7650.5 1.4	0.0 11051.6	32809.0
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 **	0.0 0.0	0.0 0.0	-5373.0 0.0	0.0 -10746.0	-5373.0 0.0	0.0 -5373.0	-26865.0
Total Fuel Consumption, MMBTU	4429057.1 4836740.9	2667764.2 4769885.5	2789086.1 5308890.3	3586420.5 4043119.4	3114883.6 4880980.3	4368873.9 3405857.1	48201558.9
Net MWH Generation***	419053 446378	238089 448366	255178 505151	327050 378360	291198 470036	399280 312419	4490558
Average Net Operating Heat Rate	10569 10836	11205 10638	10930 10510	10966 10686	10697 10384	10942 10902	10734

* 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 2018 - December 2018

Crist 7

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	125209.8 208693.8	35628.3 185080.0	0.0 191014.0	0.0 245078.6	161674.2 242008.0	187705.1 225198.0	1807289.8
BTU/Lb*	11462.1 11303.7	11392.5 11041.7	0.0 11339.0	0.0 11499.1	11360.4 11245.0	11232.3 11282.4	11307.0
Coal, MMBTU	1435161.6 2359006.3	405894.8 2043589.6	0.0 2165904.1	0.0 2818181.0	1836686.5 2721381.1	2108368.0 2540783.8	20434956.8
Oil, MMBTU	618.2 3260.5	343.9 1013.1	0.0 1358.6	0.0 166.5	4024.1 1472.7	2092.7 291.3	14641.6
Gas, MMBTU	8762.3 0.0	857.5 0.0	0.0 7302.3	0.0 7.5	15865.8 3032.3	5205.2 125.2	41158.2
Startup, MMBTU **	-4512.0 -4512.0	0.0 0.0	0.0 -2256.0	0.0 0.0	-9024.0 0.0	-2256.0 0.0	-22560.0
Total Fuel Consumption, MMBTU	1440030.1 2357754.8	407096.2 2044602.7	0.0 2172309.0	0.0 2818355.0	1847552.4 2725886.1	2113409.9 2541200.3	20468196.5
Net MWH Generation***	139399 225834	39765 198238	0 202094	0 276811	175139 263549	196649 235496	1952974
Average Net Operating Heat Rate	10330 10440	10238 10314	--- 10749	--- 10182	10549 10343	10747 10791	10481

* 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 2018 - December 2018

Daniel 1

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	155358.0 156730.0	29022.0 96016.0	0.0 167230.0	28302.0 141696.0	144642.0 162364.0	185904.0 118724.0	1385988.0
BTU/Lb*	10082.0 8817.2	8887.8 9641.5	0.0 9246.0	9080.4 9240.6	8922.6 9152.3	9018.7 8864.9	9199.3
Coal, MMBTU	1566325.2 1381926.2	257942.0 925740.1	0.0 1546208.7	256992.4 1309361.6	1290585.5 1486008.0	1676619.7 1052477.4	12750186.8
Oil, MMBTU	11466.8 232.4	694.2 12092.4	0.0 44586.7	5587.4 29267.4	5263.0 12078.9	3834.4 8691.8	133795.4
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 **	0.0 0.0	0.0 -2388.7	0.0 -2388.7	-2388.7 -7166.1	-2388.7 0.0	0.0 -2388.7	-19109.6
Total Fuel Consumption, MMBTU	1577792.0 1382158.6	258636.2 935443.8	0.0 1588406.7	260191.1 1331462.9	1293459.8 1498086.9	1680454.1 1058780.5	12864872.6
Net MWH Generation***	139431 114932	24250 80281	0 141790	20350 125646	112543 134181	143173 99225	1135802
Average Net Operating Heat Rate	11316 12026	10665 11652	--- 11203	12786 10597	11493 11165	11737 10671	11327

* 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 2018 - December 2018

Daniel 2

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	143850.0 155698.0	34662.0 152470.0	17518.0 176618.0	32734.0 154032.0	201220.0 147484.0	187274.0 113458.0	1517018.0
BTU/Lb*	9437.8 9309.2	8940.9 9605.2	9120.2 9167.1	8998.4 9358.3	8878.8 9238.1	8934.8 8906.8	9182.0
Coal, MMBTU	1357624.4 1449423.2	309908.4 1464499.2	159767.4 1619075.8	294554.1 1441482.0	1786600.2 1362475.8	1673263.5 1010551.4	13929225.4
Oil, MMBTU	5711.0 9938.1	974.1 28956.3	3976.6 22155.2	9990.7 500.9	278.5 3990.3	13415.1 12541.3	112428.1
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	0.0 -2388.7	-2388.7 -2388.7	-4777.4 0.0	0.0 -2388.7	0.0 0.0	-16720.9
Total Fuel Consumption, MMBTU	1360946.7 1459361.3	310882.5 1491066.8	161355.3 1638842.3	299767.4 1441982.9	1786878.7 1364077.4	1686678.6 1023092.7	14024932.6
Net MWH Generation***	121522 124437	30438 129256	14854 146208	24283 132536	158163 118313	151347 90537	1241894
Average Net Operating Heat Rate	11199 11728	10214 11536	10863 11209	12345 10880	11298 11529	11144 11300	11293

* 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 2018 - December 2018

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	2698322.5 2654276.5	2236888.6 2720196.5	2591016.7 2627729.5	2566409.5 778079.4	1615364.3 2054343.3	2484766.3 2257053.9	27284447.0
Startup, MMBTU **	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	-1200.0 -1200.0	0.0 0.0	-2400.0
Total Fuel Consumption, MMBTU	2698322.5 2654276.5	2236888.6 2720196.5	2591016.7 2627729.5	2566409.5 778079.4	1614164.3 2053143.3	2484766.3 2257053.9	27282047.0
Net MWH Generation***	387087 392225	324932 384575	362844 375931	382271 113598	234509 278860	352820 333935	3923587
Average Net Operating Heat Rate	6971 6767	6884 7073	7141 6990	6714 6849	6883 7363	7043 6759	6953

* 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 2018 - December 2018
 Adjusted to Target Basis Using Heat Rate
 Equations Filed September 1, 2017

Scherer 3

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10455 10460	10459 10454	10353 10481	10523 10491	10764 10525	10496 10505	
2. Target Heat Rate at Actual Conditions**	10634 10580	11195 10576	10908 10451	10865 10536	10923 10509	10652 10816	
3. Adjustment to Actual Heat Rate (1-2)	-179 -120	-736 -122	-555 30	-342 -45	-159 16	-156 -311	
4. Actual Heat Rate (Page X of Sched. 3)	10569 10836	11205 10638	10930 10510	10966 10686	10696 10384	10942 10901	
5. Adjusted Actual Heat Rate (4+3)	10390 10716	10469 10516	10375 10540	10624 10641	10537 10400	10786 10590	
6. Net MWH Generation	419053 446378	238089 448366	255178 505151	327050 378360	291198 470036	399280 312419	
7. Adjusted Actual Heat Rate for January 2018 - December 2018 =(S (5*6) / S 6)							10553

* From pages 17 & 18, Schedule 3 of Exhibit to C. L. Nicholson's September 1, 2017 GPIF Testimony in Docket 20170001-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 2018 - December 2018
 Adjusted to Target Basis Using Heat Rate
 Equations Filed September 1, 2017

Crist 7

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10351 10418	10659 10425	0 10484	0 10698	10589 10578	10466 10572	
2. Target Heat Rate at Actual Conditions**	10212 10498	10351 10511	0 10385	0 10431	10653 10370	10589 10613	
3. Adjustment to Actual Heat Rate (1-2)	139 -80	308 -86	0 99	0 267	-64 208	-123 -41	
4. Actual Heat Rate (Page 3 of Sched. 3)	10330 10440	10237 10314	0 10749	0 10182	10549 10343	10747 10791	
5. Adjusted Actual Heat Rate (4+3)	10469 10360	10545 10228	0 10848	0 10449	10485 10551	10624 10750	
6. Net MWH Generation	139399 225834	39765 198238	0 202094	0 276811	175139 263549	196649 235496	
7. Adjusted Actual Heat Rate for January 2018 - December 2018 =(S (5*6) / S 6)							10532

* From pages 19 & 20, Schedule 3 of Exhibit to C. L. Nicholson's September 1, 2017 GPIF Testimony in Docket 20170001-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 2018 - December 2018
 Adjusted to Target Basis Using Heat Rate
 Equations Filed September 1, 2017

Daniel 1

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	12833 12140	12295 11714	0 12206	0 12180	12944 12248	12243 12290	
2. Target Heat Rate at Actual Conditions**	12002 12035	11713 11862	0 11271	11573 11140	11969 11475	11372 11394	
3. Adjustment to Actual Heat Rate (1-2)	831 105	582 -148	0 935	632 1040	975 773	871 896	
4. Actual Heat Rate (Page 4 of Sched. 3)	11315 12026	10665 11643	0 11199	12781 10594	11492 11164	11737 10670	
5. Adjusted Actual Heat Rate (4+3)	12146 12131	11247 11495	0 12134	13413 11634	12467 11937	12608 11566	
6. Net MWH Generation	139431 114932	24250 80281	0 141790	20350 125646	112543 134181	143173 99225	
7. Adjusted Actual Heat Rate for January 2018 - December 2018 =(S (5*6) / S 6)							12059

* From pages 21 & 22 , Schedule 3 of Exhibit to C. L. Nicholson's September 1, 2017 GPIF Testimony in Docket 20170001-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 2018 - December 2018
 Adjusted to Target Basis Using Heat Rate
 Equations Filed September 1, 2017

Daniel 2

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	13100 12216	12007 11649	12722 0	12928 12096	13224 11464	12842 12822	
2. Target Heat Rate at Actual Conditions**	11601 12227	11257 11925	11266 11268	12163 11078	11730 10817	11644 12107	
3. Adjustment to Actual Heat Rate (1-2)	1499 -11	750 -276	1456 1161	765 1018	1494 647	1198 715	
4. Actual Heat Rate (Page 5 of Sched. 3)	11199 11726	10213 11533	10859 11208	12338 10880	11298 11529	11143 11299	
5. Adjusted Actual Heat Rate (4+3)	12698 11715	10963 11257	12315 12369	13103 11898	12792 12176	12341 12014	
6. Net MWH Generation	121522 124437	30438 129256	14854 146208	24283 132536	158163 118313	151347 90537	
7. Adjusted Actual Heat Rate for January 2018 - December 2018 =(S (5*6) / S 6)							12155

* From pages 23 & 24, Schedule 3 of Exhibit to C. L. Nicholson's September 1, 2017 GPIF Testimony in Docket 20170001-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 2018 - December 2018
 Adjusted to Target Basis Using Heat Rate
 Equations Filed September 1, 2017

Smith 3

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	6935 6943	6935 6946	6943 6946	6959 6789	6941 6936	6949 6928	
2. Target Heat Rate at Actual Conditions**	6953 6949	6974 6954	6964 6952	6971 6791	6990 7028	6970 6997	
3. Adjustment to Actual Heat Rate (1-2)	-18 -6	-39 -8	-21 -6	-12 -2	-49 -92	-21 -69	
4. Actual Heat Rate*** (Page 6 of Sched. 3)	6971 6767	6884 7073	6912 6990	6714 6849	6888 7367	7043 6759	
5. Adjusted Actual Heat Rate (4+3)	6953 6761	6845 7065	6891 6984	6702 6847	6839 7275	7022 6690	
6. Net MWH Generation	387087 392225	324932 384575	362844 375931	382271 113598	234509 278860	352820 333935	
7. Adjusted Actual Heat Rate for January 2018 - December 2018 =(S (5*6) / S 6)							6905

* From pages 25 & 26, Schedule 3 of Exhibit to C. L. Nicholson's September 1, 2017 GPIF Testimony in Docket 20170001-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 2018 - December 2018

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec
Scherer 3						
+3						
AKW * 10	565.4	354.3	369.2	454.2	556.8	554.6
	600.0	602.6	701.6	631.1	651.9	474.0
+6						
LSRF * 10	386354.0	144270.6	157814.7	244953.9	371341.3	371426.8
	424885.7	427663.1	542923.0	457944.9	480547.6	281821.6
Crist 7						
+3						
AKW * 10	395.2	331.1	0.0	0.0	303.7	321.1
	348.5	345.6	388.4	372.1	368.1	316.5
+6						
LSRF * 10	166143.2	119479.8	0.0	0.0	105423.2	114968.7
	133168.1	128197.3	162551.1	148506.2	141149.9	106997.0
Daniel 1						
+3						
AKW * 10	188.3	172.7	0.0	186.0	189.0	200.7
	154.5	164.4	209.4	225.8	192.7	198.7
+6						
LSRF * 10	37935.7	30084.3	0.0	43395.0	40674.8	44571.7
	25969.6	29970.8	46225.1	57977.9	43516.3	43639.1
Daniel 2						
+3						
AKW * 10	227.0	183.0	227.6	170.3	212.6	213.8
	167.3	182.5	210.7	212.1	190.0	173.0
+6						
LSRF * 10	59050.5	35431.5	63535.8	33429.0	54712.2	52414.2
	30392.2	37277.5	47906.8	50187.9	44651.9	34581.4
Smith 3						
+3						
AKW * 10	520.3	483.5	500.2	530.9	458.0	490.0
	527.2	516.9	522.1	543.2	408.7	448.8
+6						
LSRF * 10	283941.8	245180.1	274783.0	288168.6	229496.9	251178.0
	280326.6	271400.8	277560.0	295736.8	188065.0	220574.4

Target Heat Rate Equations

$$\text{Scherer 3 ANOHR} = 10^6 / \text{AKW} * [532.42 - 83.71 * \text{MAR} + 152.71 * \text{MAY}] \\ + 9,692$$

$$\text{Crist 7 ANOHR} = 10^6 / \text{AKW} * [330.88 - 62.20 * \text{JAN} - 68.36 * \text{FEB} - 48.28 * \text{MAR} - 28.26 * \text{NOV}] \\ + 9,711 - 0.00043 * \text{LSRF} / \text{AKW}$$

$$\text{Daniel 1 ANOHR} = 10^6 / \text{AKW} * [481.17 + 92.71 * \text{JAN} + 85.98 * \text{MAY}] \\ + 8,753 + 0.00100 * \text{LSRF} / \text{AKW}$$

$$\text{Daniel 2 ANOHR} = 10^6 / \text{AKW} * [606.70 + 74.51 * \text{JAN} - 120.51 * \text{FEB} + 58.65 * \text{MAY} + 44.01 * \text{JUN} - 44.62 * \text{SEP} \\ - 81.23 * \text{OCT} - 185.41 * \text{NOV}] + 8,600$$

$$\text{Smith 3 ANOHR} = 10^6 / \text{AKW} * [144.47 + 12.50 * \text{APR} - 81.62 * \text{OCT}] \\ + 6,675$$

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 2018 - December 2018

(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	10,495	10,553	10,180	0.00
Crist 7	10,503	10,532	10,188	0.00
Daniel 1	12,205	12,059	11,839	2.44
Daniel 2	12,429	12,155	12,056	6.68
Smith 3	6,932	6,905	6,724	0.00

* From page 5, Schedule 3 of Exhibit to C. L. Nicholson's September 1, 2017 GPIF Testimony in Docket 20170001-EI.

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

*** If $[(2) - 75] \leq (3) \leq [(2) + 75]$ 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 2018 - December 2018

Unit	Availability Points	Availability* Weighting Factor	Heat Rate Points	Heat Rate* Weighting Factor
Scherer 3	-10.00	0.002	0.00	0.348
Crist 7	-10.00	0.001	0.00	0.083
Daniel 1	-10.00	0.000	2.44	0.011
Daniel 2	-10.00	0.000	6.68	0.025
Smith 3	-10.00	0.014	0.00	0.516

$$\begin{aligned}
 \text{Company GPIF Points} = & -10.00 * 0.002 + 0.00 * 0.348 \\
 & -10.00 * 0.001 + 0.00 * 0.083 \\
 & -10.00 * 0.000 + 2.44 * 0.011 \\
 & -10.00 * 0.000 + 6.68 * 0.025 \\
 & -10.00 * 0.014 + 0.00 * 0.516
 \end{aligned}$$

$$= 0.02$$

$$\begin{aligned}
 \text{Company reward/penalty} = & 0.02 \text{ points} * \$519195 \text{ per point} \\
 = & \$10,384
 \end{aligned}$$

* From page 5, Schedule 3 of Exhibit to C. L. Nicholson's September 1, 2017 GPIF Testimony in Docket 20170001-EI.

V. GPIF MINIMUM FILING REQUIREMENTS FOR THE JANUARY 2018 - DECEMBER 2018 PERIOD

CONTENTS	<u>SCHEDULE 5</u> <u>PAGE</u>
GPIF Reward/Penalty Table (Actual)	3
GPIF Calculation of Maximum Allowed Incentive Dollars (Actual)	4
Calculation of System Actual GPIF Points	5
Generating Performance Incentive Points Table	6 - 10
GPIF Unit Performance Summary	11
Actual Unit Performance Data	12
Historic Unit Performance Data	13 - 22
Planned Outage Schedules (Actual)	23

Generating Performance Incentive Factor

Actual Reward/Penalty Table

Gulf Power Company

Period of: January 2018 - December 2018

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	5995	2998
+ 9	5396	2698
+ 8	4796	2398
+ 7	4197	2098
+ 6	3597	1799
+ 5	2998	1499
+ 4	2398	1199
+ 3	1799	899
+ 2	1199	600
+ 1	600	300
0	0	0
- 1	-593	-297
- 2	-1187	-593
- 3	-1780	-890
- 4	-2373	-1187
- 5	-2967	-1483
- 6	-3560	-1780
- 7	-4153	-2077
- 8	-4746	-2373
- 9	-5340	-2670
- 10	-5933	-2967
	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 2018 - December 2018

Line 1	Beginning of Period Balance of Common Equity	\$1,530,833,424
	End of Month Balance of Common Equity:	
Line 2	Month of Jan '18	\$1,516,879,565
Line 3	Month of Feb '18	\$1,529,162,087
Line 4	Month of Mar '18	\$1,535,821,943
Line 5	Month of Apr '18	\$1,542,741,588
Line 6	Month of May '18	\$1,558,135,796
Line 7	Month of Jun '18	\$1,575,428,108
Line 8	Month of Jul '18	\$1,562,344,248
Line 9	Month of Aug '18	\$1,583,520,726
Line 10	Month of Sep '18	\$1,604,255,046
Line 11	Month of Oct '18	\$1,581,033,871
Line 12	Month of Nov '18	\$1,579,749,690
Line 13	Month of Dec '18	\$1,925,821,683
Line 14	Average Common Equity for the Period (sum of line 1 through line 13 divided by 13)	\$1,586,594,444
Line 15	25 Basis Points	0.0025
Line 16	Revenue Expansion Factor	74.4147%
Line 17	Maximum Allowed Incentive Dollars (line 14 multiplied by line 15 divided by line 16 multiplied by 1.0)	\$5,330,245
Line 18	Jurisdictional Sales (KWH)	11,132,382,917
Line 19	Total Territorial Sales (KWH)	11,428,908,305
Line 20	Jurisdictional Separation Factor (line 18 divided by line 19)	97.4055%
Line 21	Maximum Allowed Jurisdictional Incentive Dollars (line 17 multiplied by line 20)	\$5,191,951
Line 22	Incentive Cap (50% of Projected Fuel Savings at 10 GPIF point level from sheet 7.383.9)	\$2,997,500
Line 23	Maximum Allowed GPIF Reward (at 10 GPIF Pt. level) (The lesser of Line 21 and Line 22)	\$2,997,500

Issued by: Gulf Power Company

Calculation of System Actual GPIF Points

Gulf Power Company

Period of: January 2018 - December 2018

Plant & Unit	Performance Indicator (EAF or ANOHR)	Weighting Factor	Unit Points	Weighted Unit Points
Scherer 3	EAF3	0.2%	-10.00	-0.020
Scherer 3	ANOHR3	34.8%	0.00	0.000
Crist 7	EAF4	0.1%	-10.00	-0.015
Crist 7	ANOHR4	8.3%	0.00	0.000
Daniel 1	EAF5	0.0%	-10.00	0.000
Daniel 1	ANOHR5	1.1%	2.44	0.026
Daniel 2	EAF6	0.0%	-10.00	-0.002
Daniel 2	ANOHR6	2.5%	6.68	0.164
Smith 3	EAF7	1.4%	-10.00	-0.138
Smith 3	ANOHR7	51.6%	0.00	0.000
Gulf Power GPIF Total		100.1%		0.02

Issued by: Gulf Power Company

Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2018 - December 2018

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	12	98.10	+ 10	2,089	10,180
+ 9	11	98.01	+ 9	1,880	10,204
+ 8	10	97.92	+ 8	1,671	10,228
+ 7	8	97.83	+ 7	1,462	10,252
+ 6	7	97.74	+ 6	1,253	10,276
+ 5	6	97.65	+ 5	1,045	10,300
+ 4	5	97.56	+ 4	836	10,324
+ 3	4	97.47	+ 3	627	10,348
+ 2	2	97.38	+ 2	418	10,372
+ 1	1	97.29	+ 1	209	10,396
0	0	97.20	0	0	10,420
- 1	(1)	97.08	- 1	(209)	10,495
- 2	(2)	96.96	- 2	(418)	10,570
- 3	(3)	96.84	- 3	(627)	10,594
- 4	(4)	96.72	- 4	(836)	10,618
- 5	(5)	96.60	- 5	(1,045)	10,642
- 6	(6)	96.48	- 6	(1,253)	10,666
- 7	(7)	96.36	- 7	(1,462)	10,690
- 8	(8)	96.24	- 8	(1,671)	10,714
- 9	(9)	96.12	- 9	(1,880)	10,738
- 10	(10)	96.00	- 10	(2,089)	10,762
Weighting Factor:		0.002	Weighting Factor:		0.348

Issued by: Gulf Power Company

Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2018 - December 2018

Crist 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	3	83.40	+ 10	500	10,188
+ 9	3	83.27	+ 9	450	10,212
+ 8	2	83.14	+ 8	400	10,236
+ 7	2	83.01	+ 7	350	10,260
+ 6	2	82.88	+ 6	300	10,284
+ 5	2	82.75	+ 5	250	10,308
+ 4	1	82.62	+ 4	200	10,332
+ 3	1	82.49	+ 3	150	10,356
+ 2	1	82.36	+ 2	100	10,380
+ 1	0	82.23	+ 1	50	10,404
0	0	82.10	0	0	10,428
- 1	(2)	81.95	- 1	(50)	10,503
- 2	(3)	81.80	- 2	(100)	10,578
- 3	(5)	81.65	- 3	(150)	10,602
- 4	(6)	81.50	- 4	(200)	10,626
- 5	(8)	81.35	- 5	(250)	10,650
- 6	(9)	81.20	- 6	(300)	10,674
- 7	(11)	81.05	- 7	(350)	10,698
- 8	(12)	80.90	- 8	(400)	10,722
- 9	(14)	80.75	- 9	(450)	10,746
- 10	(15)	80.60	- 10	(500)	10,770
Weighting Factor:		0.001	Weighting Factor:		0.083

Issued by: Gulf Power Company

Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2018 - December 2018

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	0	84.50	+ 10	65	11,839
+ 9	0	84.27	+ 9	59	11,868
+ 8	0	84.04	+ 8	52	11,897
+ 7	0	83.81	+ 7	46	11,926
+ 6	0	83.58	+ 6	39	11,955
+ 5	0	83.35	+ 5	33	11,985
+ 4	0	83.12	+ 4	26	12,014
+ 3	0	82.89	+ 3	20	12,043
+ 2	0	82.66	+ 2	13	12,072
+ 1	0	82.43	+ 1	7	12,101
0	0	82.20	0	0	12,130
- 1	0	82.15	- 1	0	12,205
- 2	0	82.10	- 2	(7)	12,280
- 3	0	82.05	- 3	(13)	12,309
- 4	0	82.00	- 4	(20)	12,338
- 5	0	81.95	- 5	(26)	12,367
- 6	0	81.90	- 6	(33)	12,396
- 7	0	81.85	- 7	(39)	12,426
- 8	0	81.80	- 8	(46)	12,455
- 9	0	81.75	- 9	(52)	12,484
- 10	0	81.70	- 10	(59)	12,513
				(65)	12,542
					12,571
Weighting Factor:		0.000	Weighting Factor:		0.011

Issued by: Gulf Power Company

Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2018 - December 2018

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	1	92.90	+ 10	147	12,056
+ 9	1	92.68	+ 9	132	12,086
+ 8	1	92.46	+ 8	118	12,116
+ 7	1	92.24	+ 7	103	12,145
+ 6	1	92.02	+ 6	88	12,175
+ 5	1	91.80	+ 5	74	12,205
+ 4	0	91.58	+ 4	59	12,235
+ 3	0	91.36	+ 3	44	12,265
+ 2	0	91.14	+ 2	29	12,294
+ 1	0	90.92	+ 1	15	12,324
0	0	90.70	0	0	12,354
- 1	(0)	90.43	- 1	(15)	12,429
- 2	(0)	90.16	- 2	(29)	12,504
- 3	(0)	89.89	- 3	(44)	12,534
- 4	(0)	89.62	- 4	(59)	12,564
- 5	(1)	89.35	- 5	(74)	12,593
- 6	(1)	89.08	- 6	(88)	12,623
- 7	(1)	88.81	- 7	(103)	12,653
- 8	(1)	88.54	- 8	(118)	12,683
- 9	(1)	88.27	- 9	(132)	12,713
- 10	(1)	88.00	- 10	(147)	12,742
Weighting Factor:		0.000	Weighting Factor:		0.025

Issued by: Gulf Power Company

Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2018 - December 2018

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	83	93.70	+ 10	3,095	6,724
+ 9	75	93.65	+ 9	2,786	6,737
+ 8	66	93.60	+ 8	2,476	6,751
+ 7	58	93.55	+ 7	2,167	6,764
+ 6	50	93.50	+ 6	1,857	6,777
+ 5	42	93.45	+ 5	1,548	6,791
+ 4	33	93.40	+ 4	1,238	6,804
+ 3	25	93.35	+ 3	929	6,817
+ 2	17	93.30	+ 2	619	6,830
+ 1	8	93.25	+ 1	310	6,844
0	0	93.20	0	0	6,857
- 1	(1)	93.11	- 1	(310)	7,020
- 2	(2)	93.02	- 2	(619)	7,034
- 3	(3)	92.93	- 3	(929)	7,047
- 4	(4)	92.84	- 4	(1,238)	7,060
- 5	(6)	92.75	- 5	(1,548)	7,074
- 6	(7)	92.66	- 6	(1,857)	7,087
- 7	(8)	92.57	- 7	(2,167)	7,100
- 8	(9)	92.48	- 8	(2,476)	7,113
- 9	(10)	92.39	- 9	(2,786)	7,127
- 10	(11)	92.30	- 10	(3,095)	7,140
Weighting Factor:		0.014	Weighting Factor:		0.516

Issued by: Gulf Power Company

GPIF Unit Performance Summary

Gulf Power Company

Period of: January 2018 - December 2018

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	0.2	97.2	98.1	96.0	\$12	(\$10)	94.2	(\$10)
Crist 7	0.1	82.1	83.4	80.6	\$3	(\$15)	74.5	(\$15)
Daniel 1	0.0	82.2	84.5	81.7	\$0	\$0	73.9	\$0
Daniel 2	0.0	90.7	92.9	88.0	\$1	(\$1)	82.3	(\$1)
Smith 3	1.4	93.2	93.7	92.3	\$83	(\$11)	86.7	(\$11)
Total:	2.0							

Plant & Unit	Weighting Factor %	ANOHR Target BTU/KWH	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	34.8	10,495	77.6	10,810	10,180	\$2,089	(\$2,089)	10,553	\$0
Crist 7	8.3	10,503	71.9	10,818	10,188	\$500	(\$500)	10,532	\$0
Daniel 1	1.1	12,205	29.7	12,571	11,839	\$65	(\$65)	12,059	\$16
Daniel 2	2.5	12,429	30.5	12,802	12,056	\$147	(\$147)	12,155	\$98
Smith 3	51.6	6,932	91.0	7,140	6,724	\$3,095	(\$3,095)	6,905	\$0
Total:	98.3								

Issued by: Gulf Power Company

Actual Unit Performance Data

Gulf Power Company

Period of: January 2018 - December 2018

Plant & Unit	Actual EAF %	Adjustments* to EAF %	Adjusted Actual %
Scherer 3	93.8	0.4	94.2
Crist 7	64.5	10.0	74.5
Daniel 1	68.7	5.2	73.9
Daniel 2	84.4	-2.1	82.3
Smith 3	87.9	-1.2	86.7

Plant & Unit	Actual ANOHR BTU/KWH	Adjustments** to ANOHR BTU/KWH	ANOHR Adjusted Actual BTU/KWH
Scherer 3	10,734	-181	10,553
Crist 7	10,480	52	10,532
Daniel 1	11,325	734	12,059
Daniel 2	11,292	863	12,155
Smith 3	6,933	-28	6,905

* Refer to pages 3 through 7, Schedule 2.

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

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2018 - December 2018

	SCHERER 3	Jan '18	Feb '18	Mar '18	Apr '18	May '18	Jun '18	
1.	EAF (%)	99.6	100.0	93.0	99.9	68.6	100.0	
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
3.	SH	741.2	672.0	691.1	720.0	523.0	720.0	
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	
5.	UH	2.8	0.0	51.9	0.0	221.0	0.0	
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	
7.	FOH	2.8	0.0	0.0	0.0	0.0	0.0	
8.	MOH	0.0	0.0	51.9	0.0	221.0	0.0	
9.	PFOH	0.4	0.0	0.0	1.7	26.2	0.0	
10.	LR pf (MW)	860.0	0.0	0.0	359.0	420.1	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	4,429,003	2,667,757	2,789,037	3,586,414	3,114,775	4,368,874	
15.	Net Gen (MWH)	419,053	238,089	255,178	327,050	291,198	399,280	
16.	ANOHR (Btu/KWH)	10,569	11,205	10,930	10,966	10,696	10,942	
17.	NOF %	65.4	41.0	42.7	52.5	64.4	64.1	
18.	NPC (MW)	865.0	865.0	865.0	865.0	865.0	865.0	
19.	ANOHR Equation	$10^6 / AKW * [532.42 - 83.71 * MAR + 152.71 * MAY]$ + 9,692						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2018 - December 2018

	SCHERER 3	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Total
1.	EAF (%)	100.0	99.7	100.0	80.6	100.0	86.2	93.8
2.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3.	SH	744.0	744.0	720.0	599.5	721.0	659.1	8254.8
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	0.0	0.0	0.0	144.5	0.0	84.9	505.2
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.	FOH	0.0	0.0	0.0	144.5	0.0	3.4	150.7
8.	MOH	0.0	0.0	0.0	0.0	0.0	81.6	354.5
9.	PFOH	0.0	0.5	0.0	0.0	0.0	27.9	56.7
10.	LR pf (MW)	0.0	111.0	0.0	0.0	0.0	548.8	482.3
11.	PMOH	0.0	5.0	0.0	0.0	0.0	0.0	5.0
12.	LR pm (MW)	0.0	367.0	0.0	0.0	0.0	0.0	367.0
13.	NSC (MW)	865.0	865.0	865.0	865.0	865.0	865.0	865.0
14.	Oper MBtu	4,836,740	4,769,884	5,308,889	4,043,039	4,880,980	3,405,700	48,201,092
15.	Net Gen (MWH)	446,378	448,366	505,151	378,360	470,036	312,419	4,490,558
16.	ANOHR (Btu/KWH)	10,836	10,638	10,510	10,686	10,384	10,901	10,734
17.	NOF %	69.4	69.7	81.1	73.0	75.4	54.8	62.9
18.	NPC (MW)	865.0	865.0	865.0	865.0	865.0	865.0	865.0
19.	ANOHR Equation	$10^6 / AKW * [532.42 - 83.71 * MAR + 152.71 * MAY]$ $+ 9,692$						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2018 - December 2018

	CRIST 7	Jan '18	Feb '18	Mar '18	Apr '18	May '18	Jun '18	
1.	EAF (%)	47.4	39.3	0.0	0.0	70.8	78.0	
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
3.	SH	352.7	120.1	0.0	0.0	576.8	612.5	
4.	RSH	0.0	144.0	0.0	0.0	0.0	0.0	
5.	UH	391.3	407.9	743.0	720.0	167.3	107.5	
6.	POH	0.0	0.0	695.0	720.0	16.4	0.0	
7.	FOH	0.0	0.0	0.0	0.0	114.6	0.8	
8.	MOH	391.3	407.9	48.0	0.0	36.3	106.7	
9.	PFOH	0.0	0.0	0.0	0.0	125.1	75.9	
10.	LR pf (MW)	0.0	0.0	0.0	0.0	190.0	190.0	
11.	PMOH	0.0	0.0	0.0	0.0	0.0	51.0	
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	190.0	
13.	NSC (MW)	475.0	475.0	475.0	475.0	475.0	475.0	
14.	Oper MBtu	1,440,019	407,093	0	0	1,847,512	2,113,389	
15.	Net Gen (MWH)	139,399	39,765	0	0	175,139	196,649	
16.	ANOHR (Btu/KWH)	10,330	10,237	0	0	10,549	10,747	
17.	NOF %	83.2	69.7	0.0	0.0	63.9	67.6	
18.	NPC (MW)	475.0	475.0	475.0	475.0	475.0	475.0	
19.	ANOHR Equation	$10^6 / AKW * [330.88 - 62.20 * JAN - 68.36 * FEB - 48.28 * MAR - 28.26 * NOV]$ $+ 9,711 - 0.00043 * LSRF / AKW$						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2018 - December 2018

	CRIST 7	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Total
1.	EAF (%)	87.1	77.1	72.3	100.0	99.3	100.0	64.5
2.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3.	SH	648.1	573.7	520.4	744.0	715.9	744.0	5608.1
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	144.0
5.	UH	95.9	170.4	199.6	0.0	5.1	0.0	3008.0
6.	POH	0.0	170.4	195.0	0.0	0.0	0.0	1796.8
7.	FOH	31.5	0.0	4.6	0.0	5.1	0.0	156.6
8.	MOH	64.4	0.0	0.0	0.0	0.0	0.0	1054.6
9.	PFOH	0.0	0.0	0.0	0.0	0.0	0.0	200.9
10.	LR pf (MW)	0.0	0.0	0.0	0.0	0.0	0.0	190.0
11.	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	51.0
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	190.0
13.	NSC (MW)	475.0	475.0	475.0	475.0	475.0	475.0	475.0
14.	Oper MBtu	2,357,722	2,044,592	2,172,295	2,818,353	2,725,871	2,541,197	20,468,043
15.	Net Gen (MWH)	225,834	198,238	202,094	276,811	263,549	235,496	1,952,974
16.	ANOHR (Btu/KWH)	10,440	10,314	10,749	10,182	10,343	10,791	10,480
17.	NOF %	73.4	72.8	81.8	78.3	77.5	66.6	73.3
18.	NPC (MW)	475.0	475.0	475.0	475.0	475.0	475.0	475.0
19.	ANOHR Equation	$10^6 / AKW * [330.88 - 62.20 * JAN - 68.36 * FEB - 48.28 * MAR - 28.26 * NOV]$ $+ 9,711 - 0.00043 * LSRF / AKW$						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2018 - December 2018

	DANIEL 1	Jan '18	Feb '18	Mar '18	Apr '18	May '18	Jun '18	
1.	EAF (%)	85.6	100.0	0.0	14.1	71.7	83.9	
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
3.	SH	740.6	140.4	0.0	109.4	595.6	713.5	
4.	RSH	0.0	531.6	0.0	0.0	0.0	0.0	
5.	UH	3.4	0.0	743.0	610.6	148.4	6.6	
6.	POH	0.0	0.0	743.0	610.6	0.0	0.0	
7.	FOH	3.4	0.0	0.0	0.0	2.3	6.6	
8.	MOH	0.0	0.0	0.0	0.0	146.2	0.0	
9.	PFOH	575.9	0.0	0.0	0.0	12.5	19.6	
10.	LR pf (MW)	89.5	0.0	0.0	0.0	86.0	80.5	
11.	PMOH	1.3	0.0	0.0	109.4	511.6	625.2	
12.	LR pm (MW)	344.0	0.0	0.0	36.0	59.0	85.1	
13.	NSC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	
14.	Oper MBtu	1,577,643	258,626	0	260,095	1,293,373	1,680,396	
15.	Net Gen (MWH)	139,431	24,250	0	20,350	112,543	143,173	
16.	ANOHR (Btu/KWH)	11,315	10,665	0	12,781	11,492	11,737	
17.	NOF %	37.5	34.4	0.0	37.0	37.6	40.0	
18.	NPC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	
19.	ANOHR Equation	$10^6 / AKW * [481.17 + 92.71 * JAN + 85.98 * MAY]$ $+ 8,753 + 0.00100 * LSRF / AKW$						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2018 - December 2018

DANIEL 1	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Total
1. EAF (%)	82.7	82.8	76.3	64.3	82.0	83.6	68.7
2. PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3. SH	744.0	488.4	677.3	556.5	696.5	499.3	5961.4
4. RSH	0.0	237.5	0.0	75.4	0.0	203.7	1048.1
5. UH	0.0	18.2	42.7	112.2	24.6	41.1	1750.6
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	1353.6
7. FOH	0.0	0.0	0.0	32.9	0.0	0.0	45.1
8. MOH	0.0	18.2	42.7	79.3	24.6	41.1	352.0
9. PFOH	9.4	501.7	753.9	440.3	14.2	0.0	2327.4
10. LR pf (MW)	86.0	73.7	82.8	79.8	91.0	0.0	82.0
11. PMOH	744.0	209.9	578.7	599.5	622.1	513.4	4515.1
12. LR pm (MW)	86.0	85.8	2.8	70.2	82.7	79.1	67.7
13. NSC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	502.0
14. Oper MBtu	1,382,155	934,717	1,587,972	1,331,143	1,497,964	1,058,692	12,862,776
15. Net Gen (MWH)	114,932	80,281	141,790	125,646	134,181	99,225	1,135,802
16. ANOHR (Btu/KWH)	12,026	11,643	11,199	10,594	11,164	10,670	11,325
17. NOF %	30.8	32.7	41.7	45.0	38.4	39.6	38.0
18. NPC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	502.0
19. ANOHR Equation	$10^6 / AKW * [481.17 + 92.71 * JAN + 85.98 * MAY]$ $+ 8,753 + 0.00100 * LSRF / AKW$						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2018 - December 2018

DANIEL 2	Jan '18	Feb '18	Mar '18	Apr '18	May '18	Jun '18	
1. EAF (%)	98.6	100.0	74.2	93.0	93.8	88.5	
2. PH	744.0	672.0	743.0	720.0	744.0	720.0	
3. SH	535.4	166.3	65.3	142.6	744.0	707.8	
4. RSH	208.6	505.7	485.7	544.8	0.0	0.0	
5. UH	0.0	0.0	192.0	32.7	0.0	12.2	
6. POH	0.0	0.0	192.0	24.0	0.0	0.0	
7. FOH	0.0	0.0	0.0	8.7	0.0	12.2	
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	
9. PFOH	24.7	0.0	0.0	0.0	0.0	13.1	
10. LR pf (MW)	211.7	0.0	0.0	0.0	0.0	100.9	
11. PMOH	0.0	0.0	0.0	250.3	645.0	611.0	
12. LR pm (MW)	0.0	0.0	0.0	36.0	36.0	55.8	
13. NSC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	
14. Oper MBtu	1,360,872	310,868	161,298	299,595	1,786,874	1,686,477	
15. Net Gen (MWH)	121,522	30,438	14,854	24,283	158,163	151,347	
16. ANOHR (Btu/KWH)	11,199	10,213	10,859	12,338	11,298	11,143	
17. NOF %	45.2	36.5	45.3	33.9	42.3	42.6	
18. NPC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	
19. ANOHR Equation	$10^6 / AKW * [606.70 + 74.51 * JAN - 120.51 * FEB + 58.65 * MAY + 44.01 * JUN - 44.62 * SEP - 81.23 * OCT - 185.41 * NOV] + 8,600$						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2018 - December 2018

	DANIEL 2	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Total
1.	EAF (%)	83.5	82.0	71.9	60.2	84.6	83.7	84.4
2.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3.	SH	744.0	708.3	693.8	625.0	622.6	523.4	6278.5
4.	RSH	0.0	0.0	0.0	24.0	98.4	220.6	2087.8
5.	UH	0.0	35.7	26.2	95.0	0.0	0.0	393.8
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	216.0
7.	FOH	0.0	1.8	0.0	0.0	0.0	0.0	22.7
8.	MOH	0.0	33.9	26.2	95.0	0.0	0.0	155.1
9.	PFOH	234.1	417.5	657.2	666.4	6.1	162.2	2181.2
10.	LR pf (MW)	69.1	68.4	81.4	87.6	77.6	100.4	82.5
11.	PMOH	529.5	344.1	578.9	538.6	644.2	477.7	4619.3
12.	LR pm (MW)	86.0	60.5	60.5	79.4	86.0	93.4	67.2
13.	NSC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	502.0
14.	Oper MBtu	1,459,198	1,490,708	1,638,626	1,441,977	1,364,037	1,022,965	14,023,496
15.	Net Gen (MWH)	124,437	129,256	146,208	132,536	118,313	90,537	1,241,894
16.	ANOHR (Btu/KWH)	11,726	11,533	11,208	10,880	11,529	11,299	11,292
17.	NOF %	33.3	36.4	42.0	42.2	37.9	34.5	39.4
18.	NPC (MW)	502.0	502.0	502.0	502.0	502.0	502.0	502.0
19.	ANOHR Equation	$10^6 / AKW * [606.70 + 74.51 * JAN - 120.51 * FEB + 58.65 * MAY + 44.01 * JUN - 44.62 * SEP$ $- 81.23 * OCT - 185.41 * NOV] + 8,600$						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2018 - December 2018

	SMITH 3	Jan '18	Feb '18	Mar '18	Apr '18	May '18	Jun '18	
1.	EAF (%)	98.8	99.8	96.5	100.0	63.1	100.0	
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
3.	SH	744.0	672.0	725.5	720.0	512.0	720.0	
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	
5.	UH	0.0	0.0	17.5	0.0	232.0	0.0	
6.	POH	0.0	0.0	0.0	0.0	232.0	0.0	
7.	FOH	0.0	0.0	0.0	0.0	0.0	0.0	
8.	MOH	0.0	0.0	17.5	0.0	0.0	0.0	
9.	PFOH	3.1	3.3	0.0	0.0	0.0	0.8	
10.	LR pf (MW)	150.3	276.0	0.0	0.0	0.0	250.0	
11.	PMOH	17.5	0.0	18.2	0.0	98.1	0.0	
12.	LR pm (MW)	276.0	0.0	276.0	0.0	250.0	0.0	
13.	NSC (MW)	605.0	605.0	579.0	579.0	579.0	577.0	
14.	Oper MBtu	2,698,322	2,236,889	2,507,998	2,566,410	1,615,364	2,484,766	
15.	Net Gen (MWH)	387,087	324,932	362,844	382,271	234,509	352,820	
16.	ANOHR (Btu/KWH)	6,971	6,884	6,912	6,714	6,888	7,043	
17.	NOF %	86.0	79.9	86.4	91.7	79.1	84.9	
18.	NPC (MW)	605.0	605.0	579.0	579.0	579.0	577.0	
19.	ANOHR Equation	$10^6 / AKW * [144.47 + 12.50 * APR - 81.62 * OCT]$ $+ 6,675$						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2018 - December 2018

	SMITH 3	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	Total
1.	EAF (%)	100.0	99.9	98.0	28.1	78.4	93.9	87.9
2.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3.	SH	744.0	744.0	720.0	209.1	682.3	744.0	7936.9
4.	RSH	0.0	0.0	0.0	0.0	3.8	0.0	3.8
5.	UH	0.0	0.0	0.0	534.9	35.0	0.0	819.4
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	232.0
7.	FOH	0.0	0.0	0.0	534.9	35.0	0.0	569.8
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	17.5
9.	PFOH	0.0	2.1	7.8	0.0	249.9	69.8	336.9
10.	LR pf (MW)	0.0	158.8	247.2	0.0	276.0	276.0	273.4
11.	PMOH	0.0	0.0	25.6	0.0	3.8	30.7	193.9
12.	LR pm (MW)	0.0	0.0	250.0	0.0	275.9	266.6	257.9
13.	NSC (MW)	577.0	577.0	577.0	579.0	579.0	605.0	584.8
14.	Oper MBtu	2,654,277	2,720,197	2,627,729	778,079	2,054,343	2,257,054	27,201,429
15.	Net Gen (MWH)	392,225	384,575	375,931	113,598	278,860	333,935	3,923,587
16.	ANOHR (Btu/KWH)	6,767	7,073	6,990	6,849	7,367	6,759	6,933
17.	NOF %	91.4	89.6	90.5	93.8	70.6	74.2	84.5
18.	NPC (MW)	577.0	577.0	577.0	579.0	579.0	605.0	584.8
19.	ANOHR Equation	$10^6 / AKW * [144.47 + 12.50 * APR - 81.62 * OCT]$ $+ 6,675$						

Planned Outage Schedules (Actual)

Period of: January 2018 - December 2018

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.: 20190001-EI

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing was furnished by electronic mail this 15th day of March, 2019 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 A. Wynn
Eighth Floor, West Tower
1025 Thomas Jefferson St, NW
Washington, DC 20007
jbrew@smxblaw.com
law@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
John T. Butler
Maria J. Moncada
700 Universe Boulevard (LAW/JB)
Juno Beach, FL 33408-0420
John.Butler@fpl.com
Maria.moncada@fpl.com

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

Ausley Law Firm
James D. Beasley
J. Jeffry Wahlen
Post Office Box 391
Tallahassee, FL 32302
jbeasley@ausley.com
jwahlen@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
Patricia A. Christensen
Associate Public Counsel
c/o The Florida Legislature
111 W. Madison Street, Room 812
Tallahassee, FL 32399-1400
Kelly.ir@leg.state.fl.us
Christensen.patty@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

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

Florida Retail Federation
Robert Scheffel Wright
John T. LaVia
c/o Gardner Law Firm
1300 Thomaswood Drive
Tallahassee, FL 32308
schef@gbwlegal.com
jlavia@gbwlegal.com

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

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



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

STEVEN R. GRIFFIN
Florida Bar No. 0627569
srg@beggslane.com
Beggs & Lane
P. O. Box 12950
Pensacola FL 32591-2950
(850) 432-2451
Attorneys for Gulf Power