



March 2, 2020

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

RE: Docket No. 20200001-EI

Dear Mr. Teitzman:

Attached is Gulf Power Company's Fuel and Purchased Power Cost Recovery Clause Final True-Up Testimony and Exhibits of Richard L. Hume to be filed in the above-referenced docket.

Pursuant to the Order Establishing Procedure in this docket, electronic copies of exhibits RLH-1 and RLH-2 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, Senior Attorney, Office of the 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. 20200001-EI

**Prepared Direct Testimony & Exhibits of
Richard L. Hume**

**FINAL TRUE-UP FOR THE PERIOD:
January – December 2019 (Fuel)
January – December 2019 (Capacity)
2019 Hedging Results**

Date of Filing: March 2, 2020



1 GULF POWER COMPANY

2 Before the Florida Public Service Commission

3 Prepared Direct Testimony

4 Richard L. Hume

5 Docket No. 20200001-EI

6 Date of Filing: March 2, 2020

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

8 A. My name is Richard Hume. My business address is 700 Universe Blvd
9 Juno Beach, FL 33408. I am the Regulatory Issues Manager for Gulf
10 Power Company (Gulf or the Company).

11 Q. Please briefly describe your educational background and business
12 experience.

13 A. I graduated from the University of Florida in 1991 with a Bachelor of
14 Science degree in Business Administration with a Finance Major and
15 earned a Master of Business Administration degree with a Finance
16 Concentration from the University of Florida in 1995. In 1998, I worked for
17 NewEnergy Associates, (which became a subsidiary of Siemens Power
18 Generation), a consulting firm that worked with Electric and Gas Utilities
19 across the United States. During that time, I consulted in the area of
20 financial forecasting budgeting as well as cost of service and rate
21 forecasting. In 2007, I joined Oglethorpe Power and after a year was
22 promoted to the position of Director of Financial Forecasting. In that
23 position I was primarily responsible for the long range financial forecast
24 and resource plan. In 2012, I joined Florida Power and Light managing a
25 data analytics team. In that position part of what my team was

1 responsible for was customer rate and bill impact analysis and worked in
2 partnership with the Regulatory Affairs team. In 2019, I joined Gulf Power
3 as the Regulatory Issues Manager where my current responsibilities
4 include oversight of the Company's fuel and purchase power cost
5 recovery clause, calculation of cost recovery factors and the related
6 regulatory filing function of Gulf Power Company.

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

9 A. The purpose of my testimony is to present the final true-up amounts for
10 the period January 2019 through December 2019 for both the Fuel and
11 Purchased Power Cost Recovery Clause and the Capacity Cost Recovery
12 Clause. I will summarize Gulf Power Company's fuel expenses, net power
13 transaction expense, purchased power capacity costs, and certify that
14 these expenses were properly incurred during the period January 2019
15 through December 2019. Lastly, I will present the actual benchmark level
16 for the calendar year 2020 gains on non-separated wholesale energy
17 sales eligible for a shareholder incentive and the amount of gains or
18 losses from hedging settlements for the period January 2019 through
19 December 2019.

20
21 Q. Have you prepared any exhibits to which you will refer in your testimony?

22 A. Yes, I am sponsoring 2 exhibits. Exhibit 1 consists of 8 schedules and
23 includes 2 schedules which relate to the fuel and purchased power cost
24 recovery final true-up, 1 schedule that relates to Gulf's natural gas fuel
25 hedging activities for 2019 and 5 schedules that relate to the capacity cost

1 recovery final true-up. Exhibit 2 contains Schedules A-1 through A-9 and
2 A-12 for the period December 2019, previously filed with the Florida Public
3 Service Commission (FPSC or Commission).

4
5 Counsel: We ask that Mr. Hume's exhibits be marked as Exhibit No.
6 _____(RLH-1) and _____(RLH-2).

7
8 Q. Have you verified that to the best of your knowledge and belief, the
9 information contained in these documents is correct?

10 A. Yes, I have. Unless otherwise indicated, the actual data in these
11 documents is taken from the books and records of Gulf Power Company.
12 The books and records are kept in the regular course of business in
13 accordance with generally accepted accounting principles and practices,
14 and provisions of the Uniform System of Accounts as prescribed by the
15 Commission. Based on the information in these documents and the
16 foregoing testimony, the recoverable fuel and purchased power costs, and
17 hedging activities are reasonable and prudent.

18
19 **I. FUEL**

20
21 Q. Which schedules of your exhibit relate to the calculation of the fuel and
22 purchased power cost recovery true-up amount?

23 A. Schedules 1 and 2 of my Exhibit RLH-1 relate to the fuel and purchased
24 power cost recovery true-up calculation for the period January 2019
25 through December 2019. These schedules compare twelve months of

1 actual data to the actual/estimated true-up filed in last year's fuel docket
2 which included six months of actual and six months of re-projected data.
3 In addition, Fuel Cost Recovery Schedules A-1 through A-9 for December
4 2019 are incorporated herein as Exhibit RLH-2. The A-schedules
5 compare twelve months of actual data to twelve months of projected data
6 from a combination of the original 2019 fuel projection for the period
7 January through June, and the 2019 estimated true-up re-projections for
8 the period July through December.

9
10 Q. What is the final fuel and purchased power cost true-up amount related to
11 the period January 2019 through December 2019 to be addressed through
12 the fuel cost recovery factors in the period January 2021 through
13 December 2021?

14 A. A net over-recovery amount of \$8,868,596, to be returned to customers,
15 was calculated as shown on Schedule 1 of my Exhibit RLH-1.

16
17 Q. How was this amount calculated?

18 A. The \$8,868,596 is calculated on Schedule 1 of my Exhibit RLH-1 by taking
19 the difference between the estimated and actual over/under-recovery
20 amounts for the period January 2019 through December 2019. The
21 estimated under-recovery amount was \$5,178,904 as compared to the
22 actual over-recovery amount of \$3,689,691, resulting in an over-recovery
23 of \$8,868,596. The estimated true-up amount for this period was
24 approved in FPSC Order No. PSC-2019-0484-FOF-EI, dated November
25 18, 2019.

1 Q. What are the primary factors which contributed to the final fuel and
2 purchased power cost true-up amount?

3 A. Gulf Power experienced lower than estimated fuel and net power expense
4 higher than estimated jurisdictional fuel clause revenue. These variances
5 are discussed in more detail below and are summarized on Schedule 2 of
6 my Exhibit RLH-1.

7

8 Fuel Clause Revenue

9 Q. Please explain the variance in Fuel Revenue Applicable for 2019.

10 A. Gulf Power's jurisdictional fuel revenue was \$336,275,528 which was
11 \$6,692,460 or 2.03% above the actual / estimated.

12

13 Total Fuel and Net Power Transactions

14 Q. During the period January 2019 through December 2019, how did Gulf
15 Power Company's recoverable total fuel and net power transaction
16 expenses compare with the actual/estimated expenses?

17 A. Gulf's recoverable total fuel cost and net power transaction expense was
18 \$375,055,223 which is \$1,229,583 or 0.33% below the estimated amount
19 of \$376,284,806. Actual fuel and net power transaction energy was
20 18,436,512 MWh compared to the estimated net energy of 20,047,202
21 MWh or 8.03% lower than the estimated amount. The lower total fuel and
22 net power transactions expense is attributed to a lower quantity of fuel and
23 net power transaction energy than projected for the period presented
24 above. This information is summarized on Schedule 2 of my Exhibit RLH-
25 1.

1 Total Fuel Cost of Generated Power

2 Q. During the period January 2019 through December 2019, how did Gulf
3 Power Company's recoverable fuel cost of net generation compare with
4 the actual/estimated expenses?

5 A. Gulf's recoverable fuel cost of system net generation was \$249,555,444 or
6 8.67% below the estimated amount of \$273,248,789. This information is
7 summarized on Schedule 2 of my Exhibit RLH-1 and the table below
8 provided the detail of the variance.

Fuel Variance	MMBTU		
	2019 Final True-Up	2019 Actual / Estimated	Difference
<u>OIL - C.T.</u>			
Total Dollar	\$118,657	\$135,743	(17,086)
Units	6,131	8,476	(2,345)
\$ per Units	19.3537	16.0150	3.34
Variance Due to Consumption			(45,384)
Variance Due to Cost			28,299
Total Variance			(17,086)
<u>GAS</u>			
Total Dollar	\$100,624,974	\$102,628,377	(2,003,404)
Units	28,409,420	28,202,278	207,142
\$ per Units	3.5420	3.6390	(0.10)
Variance Due to Consumption			733,688
Variance Due to Cost			(2,737,092)
Total Variance			(2,003,404)
<u>COAL + GAS B.L. + OIL B.L.</u>			
Total Dollar	\$143,794,404	\$164,371,808	(20,577,403)
Units	44,404,113	54,286,597	(9,882,484)
\$ per Units	3.2383	3.0279	0.21
Variance Due to Consumption			(32,002,573)
Variance Due to Cost			11,425,169
Total Variance			(20,577,403)
<u>Other Adjustments to Fuel Costs</u>			
Total Variance			(1,095,452)
<u>Total</u>			
Total Variance Due to Consumption			(31,314,269)
Total Variance Due to Cost			8,716,376
Total Variance			(23,693,345)

1 Total Cost of Purchased Power

2 Q. During the period January 2019 through December 2019, how did Gulf
3 Power Company's recoverable fuel cost of purchased power compare to
4 actual/estimated cost?

5 A. Gulf's recoverable fuel cost of purchased power for the period was
6 \$202,815,639 or 0.11% below the estimated amount of \$203,040,737.
7 Total megawatt hours of purchased power were 7,087,293 MWh
8 compared to the estimate of 7,116,310 MWh or 0.41% below estimates.
9 The resulting average fuel cost of purchased power was 2.862 cents per
10 kWh or 0.30% above the estimated amount of 2.853 cents per kWh. This
11 information is from Schedule A-1, period-to-date, for the month of
12 December 2019 included in my Exhibit RLH-2 and summarized on
13 schedule 2 of Exhibit RLH-1.

14
15 Q. What are the reasons for the difference between Gulf's actual fuel cost of
16 purchased power and the actual/estimated costs?

17 A. The lower total fuel cost of purchased power is primarily due to lower
18 MWh purchased by Gulf Power through purchased power agreements
19 than estimated.

20
21
22
23
24
25

1 Power Sales

2 Q. During the period January 2019 through December 2019 how did Gulf
3 Power Company's recoverable fuel cost of power sold compare with the
4 actual/estimated costs?

5 A. Gulf's recoverable fuel cost of power sold for the period is \$79,803,568 or
6 21.37% lower than the estimated amount of \$101,489,520. The total
7 quantity of power sales was 3,299,829 MWh compared to Gulf's estimated
8 sales of 4,212,573 MWh, or 21.67% below estimates. The resulting
9 average fuel cost of power sold was 2.418 cents per kWh or 0.38% above
10 the estimated amount of 2.409 cents per kWh. The 2019 actual
11 information is from Schedule A-1, period-to-date, for the month of
12 December 2019 and summarized on Schedule 2 of RLH-1.

13

14 Q. What are the reasons for the difference between Gulf's actual fuel cost of
15 power sold and the actual/estimated costs?

16 A. The lower actual fuel cost of power sold is primarily due to a lower quantity
17 of generation available for non-territorial sales after meeting Gulf's
18 territorial load.

19

20 Gains on Non-Separated Wholesale Energy Sales Benchmark

21 Q. Has the benchmark level for gains on non-separated wholesale energy
22 sales eligible for a shareholder incentive been updated for actual 2019
23 gains?

24 A. Yes, the three year rolling average gain on economy sales, based entirely
25 on actual data for calendar years 2017 through 2019 is calculated

1 as follows:

2

3	Year	Actual Gain
4	2017	1,988,936
5	2018	589,410
6	2019	159,393
7	Three-Year Average	\$ 912,580

8

9 Q. What is the actual threshold for 2020?

10 A. The actual threshold for 2020 is \$912,580.

11

12 II. HEDGING

13

14 Q. Did Gulf's fuel hedging activity during 2019 follow Gulf Power's Risk
15 Management Plan for Fuel Procurement?

16 A. Yes. As part of the Stipulation and Settlement Agreement, in Docket No.
17 20160186-EI, Gulf agreed to continue its existing moratorium for new
18 natural gas financial hedges until January 1, 2021. Although Gulf did not
19 enter into any new financial hedge contracts in 2019, hedges that settled
20 in 2019 were entered into prior to the current moratorium on natural gas
21 financial hedges and complied with previously approved Risk
22 Management Plans.

23

24

25

1 Q. For the period in question, what volume of natural gas was hedged using
2 a fixed price contract or financial instrument?

3 A. Gulf Power hedged 5,560,000 MMBtu of natural gas based upon plant
4 Smith 3 and the Central Alabama PPA combined Cycle unit projected
5 burns in 2019 using financial instruments. This represents 9% of Gulf's
6 63,244,546 MMBtu of actual gas burn for these resources during the
7 period. The total amount of natural gas burn by month for these resources
8 is reported on Schedule 3 of Exhibit RLH-1.

9
10 Q. What types of hedging instruments were used by Gulf Power Company,
11 and what type and volume of fuel was hedged by each type of instrument?

12 A. Natural gas was hedged using financial swap contracts that were entered
13 into prior to the current moratorium to fix the price of natural gas to a
14 certain price. These swaps settled against the NYMEX Last Day Final
15 Settlement price.

16
17 Q. What was the actual total cost (e.g., fees, commissions, option premiums,
18 future gains and losses, swap settlements) associated with each type of
19 hedging instrument for the period January 2019 through December 2019?

20 A. No fees, commissions, or premiums were paid by Gulf on the financial
21 hedge transactions during this period. Gulf's 2019 hedging program
22 activities for the period January through December 2019 resulted in a net
23 hedge settlement cost of \$7,178,070 as shown on line 2 of the December
24 2019 Schedule A-1, period-to-date of my Exhibit RLH-2.

25

1 **III. PURCHASED POWER CAPACITY**

2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

Q. Mr. Hume, you stated earlier that you are responsible for the purchased power capacity cost recovery true-up calculation. Which schedules of your exhibit relate to the calculation of this amount?

A. Schedules 4, CCA-1, CCA-2, CCA-3, and CCA-4 of Exhibit RLH-1 relate to the purchased power capacity cost recovery true-up calculation for the period January 2019 through December 2019. Schedules CCA-1 and Schedule 4 summarize the calculation of the final true-up amount. Schedules CCA-2 through CCA-4 provides the monthly calculation of the actual over/under-recovery of purchased power capacity costs, monthly calculation of the interest provision and additional details related to purchased power capacity contracts which also appear on Lines 1 and 2 of Schedule CCA-2. In addition, Schedule A-12 of my Exhibit RLH-2 contains purchased power capacity cost information for the period January 2019 through December 2019.

Q. What is the final purchased power capacity cost true-up amount related to the period of January 2019 through December 2019 to be addressed in the period January 2021 through December 2021?

A. An over-recovery amount of \$452,844 should be returned to customers through 2021 purchased power capacity clause rates as shown on Schedule CCA-1 of Exhibit RLH-1.

1 Q. How was this amount calculated?

2 A. The \$452,844 was calculated by taking the difference between the
3 estimated January 2019 through December 2019 under-recovery of
4 \$622,746 and the actual under-recovery of \$169,902. This true up
5 amount is also the sum of lines 11, 12, and 15 under column 1 of
6 Schedule 4 of Exhibit RLH-1. The estimated true-up amount for this
7 period was approved in FPSC Order No. PSC-2019-0484-FOF-EI dated
8 November 18, 2019.

9
10 Additional details supporting the approved estimated true-up amount are
11 included on Schedules CCE-1A and CCE-1B filed July 26, 2019.

12
13 Q. During the period January 2019 through December 2019, how did Gulf's
14 actual total purchased power capacity costs and jurisdictional capacity
15 clause revenue compare with the actual/estimated amounts?

16 A. The actual total capacity payments for the period January 2019 through
17 December 2019, as shown on line 5 of Schedule 4 contained in my Exhibit
18 RLH-1, was \$77,628,374. Gulf's total estimated net purchased power
19 capacity cost for the same period was \$77,449,608, as indicated on line 5
20 of Schedule CCE-1B the Exhibit CSB-3 filed July 26, 2019 in Docket No.
21 20190001-EI. The difference between the actual net capacity cost and the
22 estimated net capacity cost for the recovery period is \$178,766 or 0.23%
23 more than the estimated amount. Jurisdictional capacity clause revenue
24 for the period January 2019 through December 2019, as shown on line 10
25 of Schedule 4, was \$75,254,563, or \$604,571 higher than the estimate of

1 \$74,649,992. Jurisdictional capacity clause revenue and expense
2 variances were less than one percent for the period.

3

4 Q. Mr. Hume, does this complete your testimony?

5 A. Yes.

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

Docket No. 20200001-EI

Before me, the undersigned authority, personally appeared Richard L. Hume, who being first duly sworn, deposes and says that he is the Regulatory Issues Manager 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.



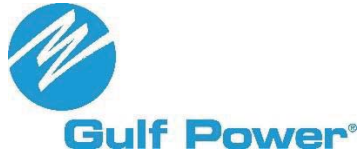
Richard L. Hume
Regulatory Issues Manager

Sworn to and subscribed before me by means of physical presence or _____
online notarization this 2nd day of March, 2020.


Notary Public, State of Florida at Large



MELISSA A DARNES
Commission # GG 368942
Expires December 17, 2023
Bonded Thru Budget Notary Services



FUEL AND PURCHASED POWER CAPACITY

Witness: Richard L. Hume

Exhibit Index

<u>Exhibit</u>	<u>Schedule</u>	<u>Description</u>	<u>Page</u>
RLH-1	Schedule 1	Fuel Cost Recovery Clause Final True-Up Calculation	1
RLH-1	Schedule 2	Fuel Cost Recovery Clause Actual vs. Actual/Estimated Variances	2
RLH-1	Schedule 3	2019 Natural Gas Hedging Results	3
RLH-1	Schedule 4	Purchased Power Capacity Actual vs. Actual/Estimated Variances	4
RLH-1	CCA-1	Purchased Power Capacity Final True-Up Calculation	5
RLH-1	CCA-2	Purchased Power Capacity Calculation of True-Up and Interest Provision	6
RLH-1	CCA-3	Purchased Power Capacity Calculation of Interest Provision	7
RLH-1	CCA-4	Purchased Power Capacity 2019 Capacity Contracts	8
RLH-2	December 2019 A Schs.	Fuel Cost Recovery Clause December 2019 A-Schedules	1-23

Schedule 1

**GULF POWER COMPANY
FUEL COST RECOVERY CLAUSE
CALCULATION OF FINAL TRUE-UP
JANUARY 2019 - DECEMBER 2019**

1. Estimated over/(under)-recovery for the period JANUARY 2019 - DECEMBER 2019 (Schedule E-1B, Line 9, filed July 26, 2019) approved in FPSC Order No. PSC-2019-0484-FOF-EI issued on November 18, 2019)		\$ (5,178,904)
	4	
	5	
2. Actual over/(under)-recovery for the period January 2019 - December 2019 (December 2019 Schedule A-2, page 2 of 3, "Period-to-Date", Lines 7 + 8 + 12, included in Exhibit RLH-2)	1-23	<u>3,689,691</u>
3. Amount to be refunded/(recovered) in the January 2021 - December 2021 projection period (Line 2 - Line 1)		<u>\$ 8,868,596</u>

Schedule 2

**GULF POWER COMPANY
 FUEL VARIANCES SUMMARY
 ACTUAL vs. ESTIMATED
 FOR THE PERIOD
 JANUARY 2019 - DECEMBER 2019**

	2019 Final True-Up	2019 Actual/ Estimated	Difference	Percent Variance
	4.00			
Fuel Cost of System Generation (incl. adj.)	249,555,444	273,248,789	(23,693,345)	-8.67%
Fuel Cost of Hedging Settlement	7,178,070	7,213,380	(35,310)	-0.49%
Flint Credit	(4,690,362)	(5,728,579)	1,038,217	-18.12%
Total Fuel Cost & Gains on Power Sales	(79,803,568)	(101,489,520)	21,685,953	-21.37%
Total Cost of Purchased Power	202,815,639	203,040,737	(225,097)	-0.11%
TOTAL FUEL & NET POWER TRANSACTIONS	375,055,223	376,284,806	(1,229,583)	-0.33%
Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	336,275,528	329,583,068	6,692,460	2.03%
True-Up Provision	23,409,339	23,409,339	0	0.00%
Incentive Provision	256,687	256,687	0	0.00%
Tax Savings Credit	8,095,082	8,095,082	0	0.00%
FUEL REVENUE APPLICABLE TO PERIOD	368,036,636	361,344,176	6,692,460	1.85%
Fuel Cost of System Generation (MWH)	8,207,642	8,918,709	(711,067)	-7.97%
Flint Credit (MWH)	(158,253)	(200,390)	42,137	-21.03%
Total Fuel Cost & Gains on Power Sales (MWH)	3,299,829	4,212,573	(912,744)	-21.67%
Total Cost of Purchased Power (MWH)	7,087,293	7,116,310	(29,017)	-0.41%
TOTAL FUEL & NET POWER TRANSACTIONS (MWH)	18,436,512	20,047,202	(1,610,691)	-8.03%
Fuel Cost of System Generation (¢/kWh)	3.041	3.064	(0.023)	-0.76%
Total Fuel Cost & Gains on Power Sales (¢/kWh)	(2.418)	(2.409)	(0.009)	0.38%
Total Cost of Purchased Power (¢/kWh)	2.862	2.853	0.009	0.30%
TOTAL FUEL & NET POWER TRANSACTIONS (¢/kWh)	2.034	1.877	(0.024)	-1.28%
COMPARATIVE DATA BY MAJOR FUEL TYPE				
<u>COAL + GAS B.L. + OIL B.L.</u>				
Total Dollar	143,794,404	164,371,808	(20,577,403)	-12.52%
BTUs Burned	44,404,113	54,286,597	(9,882,484)	-18.20%
\$/mmBtu	3.24	3.03	0.21	6.95%
Generation (MWh)	4,132,263	4,984,631	(852,368)	-17.10%
Fuel Costs (¢ / kWh)	3.48	3.30	0.18	5.45%
<u>GAS - Generation</u>				
Total Dollar	100,624,974	102,628,377	(2,003,404)	-1.95%
BTUs Burned	28,409,420	28,202,278	207,142	0.73%
\$/mmBtu	3.54	3.64	(0.10)	-2.67%
Generation (MWh)	4,051,499	3,909,778	141,721	3.62%
Fuel Costs (¢ / kWh)	2.48	2.62	(0.14)	-5.34%
<u>TOTAL</u>				
Total Dollar	244,538,034	267,135,928	(22,597,894)	-8.46%
BTUs Burned	72,819,664	82,497,352	(9,677,688)	-11.73%
\$/mmBtu	3.36	3.24	0.120	3.71%
Generation (MWh)	8,184,044	8,894,881	(710,837)	-7.99%
Fuel Costs (¢ / kWh)	2.99	3.00	(0.01)	-0.33%

Note:

Schedule 3

**GULF POWER COMPANY
 2019 Natural Gas Hedging Results**

	Actual Gas Burn for Generation MMBtu *	Hedged Volume of Gas Burn MMBtu	Gulf Hedge Settlement Cost (\$)
Jan-19	4,694,974	450,000	142,790
Feb-19	5,054,522	450,000	454,190
Mar-19	5,700,179	450,000	496,940
Apr-19	2,251,557	450,000	560,840
May-19	4,221,786	450,000	626,990
Jun-19	4,715,818	450,000	596,840
Jul-19	6,384,239	450,000	750,740
Aug-19	7,263,672	450,000	818,240
Sep-19	6,760,865	450,000	768,740
Oct-19	7,254,696	450,000	689,090
Nov-19	2,750,905	530,000	602,680
Dec-19	6,191,333	530,000	669,990
TOTAL	63,244,546	5,560,000	\$ 7,178,070

Annual Hedge Ratio: 9%

* Gas MMBtu burn includes volume for Gulf-owned gas-fired generation and power purchase agreement (PPA) generating units for which Gulf supplies the fuel.

SCHEDULE 4

**GULF POWER COMPANY
 CAPACITY VARIANCES SUMMARY
 ACTUAL vs. ESTIMATED
 FOR THE PERIOD
 JANUARY 2019 - DECEMBER 2019**

		2019 Final True-Up	2019 Actual/ Estimated	Difference	Percent Variance
1	IIC Payments / (Receipts) 4	(88,051)	27,626	(115,677)	-418.73%
	5				
2	Other Capacity Payments / (Receipts)	85,640,505	86,150,733	(510,228)	-0.59%
3	Transmission Revenue (\$) 1-23	(5,442)	(5,951)	509	-8.56%
4	Scherer/Flint Credit	(7,918,638)	(8,722,800)	804,162	-9.22%
5	Total Capacity Payments/(Receipts) (Line 1 + 2 + 3 + 4) (\$)	<u>77,628,374</u>	<u>77,449,608</u>	<u>178,766</u>	<u>0.23%</u>
6	Jurisdictional %	0.9718277	0.9718277	-	0.00%
7	Total Jurisdictional Recovery Amount (Line 5 * 6) (\$)	<u>75,441,404</u>	<u>75,267,674</u>	<u>173,730</u>	<u>0.23%</u>
8	Jurisdictional Capacity Cost Recovery Revenues Net of Taxes (\$)	73,220,553	72,615,982	604,571	0.83%
9	True-Up Provision (\$)	2,034,010	2,034,010	0	0.00%
10	Jurisdictional Capacity Cost Recovery Revenue (Line 8 + 9) (\$)	<u>75,254,563</u>	<u>74,649,992</u>	<u>604,571</u>	<u>0.81%</u>
11	Over/(Under) Recovery (Line 10 - 7) (\$)	(186,839)	(617,685)	430,846	-69.75%
12	Interest Provision (\$)	(4,233)	(5,061)	828	-16.36%
13	Beginning Balance True-Up & Interest Provision (\$)	2,418,808	2,418,808	0	0.00%
14	True-Up Collected/(Refunded) (\$)	(2,034,010)	(2,034,010)	0	0.00%
15	Adjustment	21,169	0	21,169	0.00%
	End of Period Total Net True-Up (Lines 11 + 12 + 13 + 14) (\$)	<u>214,896</u>	<u>(237,948)</u>	<u>452,844</u>	<u>-190.31%</u>

Schedule CCA-1

**GULF POWER COMPANY
PURCHASED POWER CAPACITY COST RECOVERY CLAUSE
CALCULATION OF FINAL TRUE-UP
JANUARY 2019 - DECEMBER 2019**

1. Estimated over/(under)-recovery for the period January 2019 - December 2019 (Schedule CCE-1a, line 1, filed July 26, 2019 and approved in FPSC Order No. PSC-2019-0484-FOF-EI issued on November 18, 2019)	\$ (622,746)
2. Actual over/(under)-recovery for the period January 2019 - December 2019 (Schedule CCA-2, Line 11 + 12 + 15)	<u>(169,902)</u>
3. Amount to be refunded/(recovered) in the January 2021 - December 2021 projection period (Line 2 - Line 1)	<u>\$ 452,844</u>

SCHEDULE CCA-2

GULF POWER COMPANY
 PURCHASED POWER CAPACITY COST RECOVERY CLAUSE
 CALCULATION OF TRUE-UP AND INTEREST PROVISION
 JANUARY 2019 - DECEMBER 2019

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1. IC Payments / (Receipts) (\$)	24,045	16,194	(2,995)	(3,628)	(2,995)	(2,995)	(2,995)	(2,022)	(2,022)	(2,022)	(2,022)	(104,593)	(88,051)
2. Other Capacity Payments / (Receipts)	7,161,383	7,181,450	7,181,449	7,181,449	7,266,193	7,198,831	7,078,291	7,078,291	7,078,291	7,078,291	7,078,291	7,078,291	85,640,505
3. Transmission Revenue (\$)	(726)	(541)	(541)	(661)	(151)	(311)	(544)	(632)	(507)	(257)	(251)	(399)	(5,442)
4. Scherer/Flint Credit	(682,078)	(610,980)	(589,922)	(533,987)	(720,007)	(651,768)	(745,440)	(685,835)	(690,610)	(702,584)	(689,816)	(615,613)	(7,918,639)
5. Total Capacity Payments/(Receipts)(Line 1 + 2 + 3 + 4) (\$)	6,502,624	6,586,123	6,587,991	6,643,153	6,543,040	6,543,757	6,329,312	6,389,902	6,385,152	6,373,428	6,386,202	6,357,686	77,628,374
6. Jurisdictional %	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277
7. Total Jurisdictional Recovery Amount (Line 4 * 5) (\$)	6,319,430	6,400,577	6,402,992	6,456,000	6,358,708	6,359,404	6,151,001	6,209,884	6,205,268	6,193,874	6,206,288	6,178,575	75,441,401
8. Jurisdictional Capacity Cost Recovery Revenues Net of Taxes (\$)	5,695,580	4,371,735	4,852,719	4,877,436	6,628,435	7,470,240	7,978,280	7,526,764	7,606,378	6,052,730	4,653,341	5,506,915	73,220,553
9. True-Up Provision (\$)	169,499	169,501	169,501	169,501	169,501	169,501	169,501	169,501	169,501	169,501	169,501	169,501	2,034,010
10. Jurisdictional Capacity Cost Recovery Revenue (Line 7 + 8) (\$)	5,865,079	4,541,236	5,022,220	5,046,937	6,797,936	7,639,741	8,147,781	7,696,265	7,775,879	6,222,231	4,822,842	5,676,416	75,254,563
11. Over/(Under) Recovery (Line 9 - 6) (\$)	(454,351)	(1,859,341)	(1,380,172)	(1,409,063)	439,228	1,280,337	1,996,780	1,486,381	1,570,611	28,357	(1,383,446)	(502,160)	(186,839)
12. Interest Provision (\$)	4,241	1,576	(2,044)	(5,256)	(6,483)	(4,996)	(1,991)	846	3,097	3,755	2,275	747	(4,233)
13. Beginning Balance True-Up & Interest Provision (\$)	2,418,808	1,798,199	(228,067)	(1,779,784)	(3,363,604)	(3,100,360)	(1,994,520)	(169,232)	1,148,494	2,552,701	2,415,312	864,640	2,418,808
14. True-Up Collected/(Refunded) (\$)	(169,499)	(169,501)	(169,501)	(169,501)	(169,501)	(169,501)	(169,501)	(169,501)	(169,501)	(169,501)	(169,501)	(169,501)	(2,034,010)
15. Adjustment	-	-	-	-	-	-	-	-	-	-	-	-	21,169
16. End of Period Total Net True-Up (Lines 11 + 12 + 13 + 14) (\$)	1,799,199	(228,067)	(1,779,784)	(3,363,604)	(3,100,360)	(1,994,520)	(169,232)	1,148,494	2,552,701	2,415,312	864,640	214,896	214,896
Average Monthly Interest Rate	0.2013%	0.2008%	0.2038%	0.2046%	0.2008%	0.1963%	0.1842%	0.1729%	0.1675%	0.1513%	0.1388%	0.1358%	0.1358%
Wall Street Annual Rate	2.42%	2.41%	2.48%	2.43%	2.39%	2.32%	2.10%	2.05%	1.97%	1.66%	1.67%	1.59%	1.59%
Average Annual Rate	2.42%	2.41%	2.45%	2.46%	2.41%	2.36%	2.21%	2.08%	2.01%	1.82%	1.67%	1.63%	1.63%

2/28/2020 13:49

SCHEDULE CCA-3

GULF POWER COMPANY
PURCHASED POWER CAPACITY COST RECOVERY CLAUSE
CALCULATION OF INTEREST PROVISION
JANUARY 2019 - DECEMBER 2019

	ACTUAL JANUARY	ACTUAL FEBRUARY	ACTUAL MARCH	ACTUAL APRIL	ACTUAL MAY	ACTUAL JUNE	ACTUAL JULY	ACTUAL AUGUST	ACTUAL SEPTEMBER	ACTUAL OCTOBER	ACTUAL NOVEMBER	ACTUAL DECEMBER	TOTAL
1. Beginning True-Up Amount (\$)	2,418,808	1,799,199	(228,067)	(1,779,784)	(3,363,604)	(3,100,360)	(1,994,520)	(169,232)	1,148,494	2,552,701	2,415,312	864,640	
2. Ending True-Up Amount Before Interest (\$)	1,794,958	(229,643)	(1,777,740)	(3,358,348)	(3,093,877)	(1,989,524)	(1,672,411)	1,147,648	2,549,604	2,411,557	862,365	235,318	
3. Total Beginning & Ending True-Up Amount (\$) (Lines 1 + 2)	4,213,766	1,569,556	(2,005,807)	(5,138,132)	(6,457,481)	(5,089,884)	(2,161,761)	978,416	3,698,098	4,964,258	3,277,677	1,099,958	
4. Average True-Up Amount (\$)	2,106,883	784,778	(1,002,904)	(2,569,066)	(3,228,741)	(2,544,942)	(1,080,881)	489,208	1,849,049	2,482,129	1,638,839	549,979	
5. Interest Rate - First Day of Reporting Business Month	2.42%	2.41%	2.41%	2.48%	2.43%	2.39%	2.32%	2.10%	2.05%	1.97%	1.66%	1.67%	
6. Interest Rate - First Day of Subsequent Business Month	2.41%	2.41%	2.45%	2.43%	2.39%	2.32%	2.10%	2.05%	1.97%	1.66%	1.67%	1.59%	
7. Total Interest Rate (Lines 5 + 6)	4.83%	4.82%	4.86%	4.91%	4.82%	4.71%	4.42%	4.15%	4.02%	3.63%	3.33%	3.26%	
8. Average Interest Rate	2.415%	2.410%	2.445%	2.455%	2.410%	2.355%	2.210%	2.075%	2.010%	1.815%	1.665%	1.630%	
9. Monthly Average Interest Rate (1/12 Of Line 8)	0.2013%	0.2006%	0.2036%	0.2046%	0.2006%	0.1963%	0.1842%	0.1729%	0.1675%	0.1513%	0.1388%	0.1358%	
10. Interest Provision For the Month (Lines 4 X 9) (\$)	4,241	1,576	(2,044)	(5,256)	(6,483)	(4,996)	(1,991)	846	3,097	3,755	2,275	747	(4,233)

Gulf Power Company
2019 Capacity Contracts

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
	Start	Term	End (1)	Contract									
	5/1/2007	5 Yr Notice		Type									
1	Contract/Counterparty												
2	Southern Intercompany Interchange			SES Opco									
3	PPAS												
4	Shell Energy N.A. (U.S.), LP	11/2/2009	5/31/2023	Firm									
5	Other												
6	South Carolina PSA	9/1/2003	-	Other									
7	TEA Corporation	1/1/2019	12/31/2019	Other									
8	Rainbow Energy Marketing Corporation	1/1/2019	2/28/2019	Other									
9	Capacity Costs (\$)	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Total
10	Southern Intercompany Interchange	January	February	March	April (2)	May	June	July	August	September	October	November	December
11	PPAS	7,185,428	7,197,645	7,178,454	7,177,821	7,263,198	7,195,836	7,075,296	7,076,269	7,076,269	7,076,269	7,076,269	6,973,698
12	Shell Energy N.A. (U.S.), LP												
13	Other												
14	South Carolina PSA												
15	TEA Corporation												
16	Rainbow Energy Marketing Corporation												
17													
18	Total	7,185,428	7,197,645	7,178,454	7,177,821	7,263,198	7,195,836	7,075,296	7,076,269	7,076,269	7,076,269	7,076,269	6,973,698
19	Capacity M/W	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual
20	Southern Intercompany Interchange	January	February	March	April	May	June	July	August	September	October	November	December
21	PPAS												
22	Shell Energy N.A. (U.S.), LP												
23	Other												
24	South Carolina PSA												
25	TEA Corporation												
26	Rainbow Energy Marketing Corporation												
27													
28													

(1) Unless otherwise noted, contract remains effective unless terminated upon 30 days prior written notice.

(2) Southern Intercompany Interchange reserve sharing .



January 21, 2020

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

Re: Docket No. 20200001-EI

Dear Mr. Teitzman:

Attached for official filing in the subject docket on behalf of Gulf Power Company are the following for the month of December 2019 based on actual amounts.

1. Schedule A1: Comparison of Estimated and Actual Fuel and Purchased Power Cost Recovery Factor
2. Schedule A2: Calculation of True-up and Interest Provision
3. Schedule A3: Generating System Comparative Data by Fuel Type
4. Schedule A4: System Net Generation and Fuel Cost
5. Schedule A5: System Generated Fuel Cost Inventory Analysis
6. Schedule A6: Power Sold
7. Schedule A7: Purchased Power (Exclusive of Economy Energy Purchases)
8. Schedule A8: Energy Payments to Qualifying Facilities
9. Schedule A9: Economy Energy Purchases
10. Schedule A12: Capacity Contracts

Pursuant to the Order Establishing Procedure in this docket, electronic copies of the same 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

Attachment

cc w/attachment: Florida Public Service Commission
Michael C. Barrett
Division of Auditing and Safety
Lynn Deamer

Mr. Adam Teitzman, Commission Clerk
Florida Public Service Commission
January 21, 2020
Page 2

bc w/attachment: M. Goldstein
J. Grady
R. Hume
L. Roddy
M. Santos

**BEFORE THE FLORIDA PUBLIC
SERVICE COMMISSION**

Docket No. 20200001-EI

MONTHLY FUEL FILING

December 2019



Gulf Power[®]

SCHEDULE A1a

**GULF POWER COMPANY
 RECAP OF ACTUAL FUEL & PURCHASED POWER COSTS
 SHOWN ON SCHEDULE A-1
 FOR THE MONTH OF: DECEMBER 2019**

Line No.	Description	Reference	Amount
1	Fuel Cost of System Net Generation	Schedule A-3	\$ 17,038,546
2	Scherer/Flint Credit	Schedule A-3, Line 2b	\$ (111,338)
3	Adjustments to Fuel Cost	Schedule A-2, Line A-7	\$ -
4	Hedging Settlement Costs	Schedule A-2, Line A-5	\$ 669,990
5	Fuel Cost of Purchased Power	Schedule A-7	\$ -
6	Energy Cost of Economy Purchases	Sch. A-9, Col. 4, Line 12	\$ 14,032,360
7	Demand & Non Fuel Cost of Purchased Power	Schedule A-9	\$ -
8	Energy Payments to Qualified Facilities	Sch. A-8, Col. 8, Line 6	\$ 387,931
9	Fuel Cost of Power Sold	Sch. A-6, Col. 7	<u>\$ (7,846,279)</u>
10	Total Fuel and Net Power Transactions		<u>\$ 24,171,209</u>

CALCULATION OF TRUE-UP AND INTEREST PROVISION
GULF POWER COMPANY
FOR THE MONTH OF: DECEMBER 2019

Line No.	Description	CURRENT MONTH			PERIOD-TO-DATE				
		Actual	Estimated	Difference Amount	%	Actual	Estimated	Difference Amount	%
A. Fuel Cost & Net Power Transactions									
1	Fuel Cost of System Net Generation	16,854,437.06	20,688,685	(3,834,247.94)	(18.53)	248,040,299.42	269,464,835	(21,424,535.58)	(7.95)
1a	Other Generation	184,109.22	156,204	27,905.22	17.86	1,995,119.06	2,072,161	(77,041.94)	(3.72)
1b	Scherer/Flint Credit	(111,337.81)	(599,953)	488,614.73	(81.44)	(4,690,362.22)	(5,597,528)	907,165.97	(16.21)
2	Fuel Cost of Power Sold	(7,846,279.46)	(11,340,424)	3,494,144.54	30.81	(79,803,567.79)	(112,356,468)	32,552,900.21	28.97
3	Fuel Cost - Purchased Power	14,032,359.98	17,905,853	(3,873,493.02)	(21.63)	196,711,972.17	208,634,043	(11,922,070.83)	(5.71)
3a	Demand & Non-Fuel Cost Purchased Power	0.00	0	0.00	0.00	0.00	0	0.00	0.00
3b	Energy Payments to Qualifying Facilities	387,930.64	0	387,930.64	100.00	6,103,667.27	0	6,103,667.27	100.00
4	Energy Cost - Economy Purchases	0.00	0	0.00	0.00	0.00	0	0.00	0.00
5	Hedging Settlement Cost	669,990.00	619,640	50,350.00	8.13	7,178,070.00	7,577,430	(399,360.00)	(5.27)
6	Total Fuel & Net Power Transactions	24,171,209.63	27,430,005	(3,258,795.83)	(11.88)	375,535,197.91	369,794,473	5,740,725.10	1.55
7	Adjustments To Fuel Cost*	0.00	0.00	0.00	0.00	(479,974.52)	0	(479,974.52)	100.00
8	Adj. Total Fuel & Net Power Transactions	24,171,209.63	27,430,005	(3,258,795.83)	(11.88)	375,055,223.39	369,794,473	5,260,750.58	1.42
B. KWH Sales									
1	Jurisdictional Sales	769,594,373	827,032,000	(57,437,627)	(6.95)	11,078,868,686	10,851,656,000	227,212,686	2.09
2	Non-Jurisdictional Sales	23,144,515	25,124,000	(1,979,485)	(7.88)	301,338,164	300,774,000	564,164	0.19
3	Total Territorial Sales	792,738,888	852,156,000	(59,417,112)	(6.97)	11,380,206,850	11,152,430,000	227,776,850	2.04
4	Juris. Sales as % of Total Terr. Sales	97.0804	97.0517	0.0287	0.03	97.3521	97.3031	0.0490	0.05

**CALCULATION OF TRUE-UP AND INTEREST PROVISION
GULF POWER COMPANY
FOR THE MONTH OF: DECEMBER 2019**

Line No.	Description	CURRENT MONTH			PERIOD-TO-DATE				
		Actual	Estimated	Difference Amount	%	Actual	Estimated	Difference Amount	%
<i>C. True-up Calculation</i>									
1	Jurisdictional Fuel Revenue	23,355,380.32	25,041,040	(1,685,659.73)	(6.73)	336,275,528.29	328,568,607	7,706,920.89	2.35
2	Fuel Adj. Revs. Not Applicable to Period:								
2a	True-Up Provision	1,950,778.00	1,950,778	0.00	0.00	23,409,339.00	23,409,339	0.00	0.00
2b	Incentive Provision	21,391.00	21,391	0.00	0.00	256,687.00	256,687	0.00	0.00
2c	Tax Savings Credit	674,590.00	674,590	0.00	0.00	8,095,082.00	8,095,082	0.00	0.00
3	Juris. Fuel Revenue Applicable to Period	26,002,139.32	27,687,799	(1,685,659.68)	(6.09)	368,036,636.29	360,329,715	7,706,921.29	2.14
	Adjusted Total Fuel & Net Power								
4	Transactions (Line A8)	24,171,209.63	27,430,005	(3,258,795.83)	(11.88)	375,055,223.39	369,794,473	5,260,750.58	1.42
5	Juris. Sales % of Total KWH Sales (Line B4)	97.0804	97.0517	0.0287	0.03	97.3521	97.3031	0.0490	0.05
6	Juris. Total Fuel & Net Power Transactions	23,493,665.60	26,653,232	(3,159,566.40)	(11.85)	365,560,406.42	360,244,295	5,316,111.42	1.48
	True-Up Provision for the Month								
7	Over/(Under) Collection (C3-C6)	2,508,473.72	1,034,567	1,473,906.72	(142.47)	2,476,229.87	85,420	2,390,809.87	(2,798.89)
8	Interest Provision for the Month	10,144.75	1,086	9,058.75	(834.14)	328,637.83	257,303	71,334.83	(27.72)
9	Beginning True-Up & Interest Provision	6,749,097.82	1,257,848	5,491,249.82	(436.56)	27,921,409.59	23,409,339	4,512,070.59	(19.27)
10	True-Up Collected / (Refunded)	(1,950,778.00)	(1,950,778)	0.00	0.00	(23,409,339.00)	(23,409,339)	0.00	0.00
11	End of Period - Total Net True-Up, Before Adjustment (C7+C8+C9+C10)	7,316,938.29	342,723	6,974,215.29	(2,034.94)	7,316,938.29	342,723	6,974,215.29	(2,034.94)
12	Adjustment	884,823.77	0	884,823.77	100.00	884,823.77	0	884,823.77	100.00
13	End of Period - Total Net True-Up	8,201,762.06	342,723	7,859,039.06	(2,293.12)	8,201,762.06	342,723	7,859,039.06	(2,293.12)

**CALCULATION OF TRUE-UP AND INTEREST PROVISION
GULF POWER COMPANY
FOR THE MONTH OF: DECEMBER 2019**

Line No.	Description	Actual	CURRENT MONTH		Difference Amount	%
			Estimated	Amount		
<i>D. Interest Provision</i>						
1	Beginning True-Up Amount (C9)	6,749,097.82	1,257,848	5,491,249.82		436.56
2	Ending True-Up Amount					
	Before Interest (C7+C9+C10)	8,191,617.31	341,637	7,849,980.31		2,297.75
3	Total of Beginning & Ending True-Up Amts.	14,940,715.13	1,599,485	13,341,230.13		834.10
4	Average True-Up Amount	7,470,357.57	799,743	6,670,614.57		834.09
<i>Interest Rate</i>						
5	1st Day of Reporting Business Month	1.67	1.67	0.0000		
<i>Interest Rate</i>						
6	1st Day of Subsequent Business Month	1.59	1.59	0.0000		
7	Total (D5+D6)	3.26	3.26	0.0000		
8	Annual Average Interest Rate	1.63	1.63	0.0000		
9	Monthly Average Interest Rate (D8/12)	0.1358	0.1358	0.0000		
10	Interest Provision (D4*D9)	10,144.75	1,086	9,058.75		834.14

Jurisdictional Loss Multiplier 1.0012 1.0012

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
 GULF POWER COMPANY
 FOR THE MONTH OF: DECEMBER 2019

Line No.	Description	CURRENT MONTH				PERIOD-TO-DATE			
		Actual	Estimated	Difference		Actual	Estimated	Difference	
				Amount	%			Amount	%
<u>FUEL COST-NET GEN.(\$)</u>									
1	LIGHTER OIL (B.L.)	130,290	46,059	84,231	182.88	1,457,799	910,339	547,460	60.14
2	COAL	7,406,422	8,967,455	(1,561,033)	(17.41)	126,176,563	132,282,997	(6,106,434)	(4.62)
2a	Coal at Scherer	397,626	2,520,809	(2,123,183)	(84.23)	19,486,365	23,451,631	(3,965,266)	(16.91)
2b	Scherer/Flint Credit	(111,338)	(599,953)	488,615	(81.44)	(4,690,362)	(5,597,528)	907,166	(16.21)
3	GAS	9,017,263	9,142,282	(125,019)	(1.37)	100,624,974	112,907,556	(12,282,582)	(10.88)
4	GAS (B.L.)	14,583	93,876	(79,293)	(84.47)	1,364,039	1,118,283	245,756	21.98
5	LANDFILL GAS	72,362	74,408	(2,046)	(2.75)	807,022	809,234	(2,212)	(0.27)
6	OIL - C.T.	0	0	0	0.00	118,657	56,956	61,701	108.33
7	TOTAL (\$)	<u>16,927,208</u>	<u>20,244,936</u>	<u>(3,317,728)</u>	<u>(16.39)</u>	<u>245,345,056</u>	<u>265,939,468</u>	<u>(20,594,411)</u>	<u>(7.74)</u>
<u>SYSTEM NET GEN. (MWH)</u>									
8	LIGHTER OIL	0	0	0	0.00	0	0	0	0.00
9	COAL	229,280	279,973	(50,693)	(18.11)	3,631,504	4,126,904	(495,400)	(12.00)
9a	Coal at Scherer	11,426	91,993	(80,567)	(87.58)	659,012	851,517	(192,505)	(22.61)
9b	Scherer/Flint Credit	(3,004)	(21,894)	18,890	(86.28)	(158,253)	(203,256)	45,003	(22.14)
10	GAS	456,025	391,186	64,839	16.57	4,051,499	4,428,263	(376,764)	(8.51)
11	LANDFILL GAS	2,101	2,097	4	0.19	22,740	24,699	(1,959)	(7.93)
12	SOLAR	858	0	858	100.00	858	0	858	100.00
13	OIL - C.T.	(10)	0	(10)	100.00	282	256	26	10.16
14	TOTAL (MWH)	<u>696,676.570</u>	<u>743,355</u>	<u>(46,678)</u>	<u>(6.28)</u>	<u>8,207,642</u>	<u>9,228,383</u>	<u>(1,020,741)</u>	<u>(11.06)</u>
<u>UNITS OF FUEL BURNED</u>									
15	LIGHTER OIL (BBL)	1,424	513	911	177.67	16,736	9,847	6,889	69.96
16	COAL (TONS)	111,925	139,304	(27,379)	(19.65)	1,886,380	2,069,580	(183,200)	(8.85)
17	GAS (MCF) (1)	3,106,239	2,770,839	335,400	12.10	27,938,590	31,657,565	(3,718,975)	(11.75)
18	OIL - C.T. (BBL)	0	0	0	0.00	1,176	615	561	91.21
<u>BTU'S BURNED (MMBTU)</u>									
19	COAL + GAS B.L. + OIL B.L.	2,625,333	3,794,848	(1,169,515)	(30.82)	44,404,113	52,003,185	(7,599,072)	(14.61)
20	GAS - Generation (1)	3,179,004	2,740,839	438,165	15.99	28,409,420	31,555,514	(3,146,094)	(9.97)
21	OIL - C.T.	0	0	0	0.00	6,131	3,601	2,530	70.26
22	TOTAL (MMBTU)	<u>5,804,337</u>	<u>6,535,687</u>	<u>(731,350)</u>	<u>(11.19)</u>	<u>72,819,664</u>	<u>83,562,300</u>	<u>(10,742,636)</u>	<u>(12.86)</u>
<u>GENERATION MIX (% MWH)</u>									
23	LIGHTER OIL (B.L.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	COAL	34.12	47.10	(12.98)	(27.56)	50.35	51.74	(1.39)	(2.69)
25	GAS	65.46	52.62	12.84	24.40	49.36	47.99	1.37	2.85
26	LANDFILL GAS	0.30	0.28	0.02	7.14	0.28	0.27	0.01	3.70
27	SOLAR	0.12	0.00	0.12	100.00	0.01	0.00	0.01	100.00
28	OIL - C.T.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	TOTAL (% MWH)	<u>100.00</u>	<u>100.00</u>	<u>0.00</u>	<u>0.00</u>	<u>100.00</u>	<u>100.00</u>	<u>0.00</u>	<u>0.00</u>
<u>FUEL COST (\$)/UNIT</u>									
30	LIGHTER OIL (\$/BBL)	86.71	89.83	(3.12)	(3.47)	87.11	92.45	(5.34)	(5.78)
31	COAL (\$/TON)	66.17	64.37	1.80	2.80	66.89	63.92	2.97	4.65
32	GAS (\$/MCF) (1)	2.85	3.28	(0.43)	(13.11)	3.58	3.54	0.04	1.13
33	OIL - C.T. (\$/BBL)	0.00	0.00	0.00	0.00	100.90	92.60	8.30	8.96
<u>FUEL COST (\$)/MMBTU</u>									
34	COAL + GAS B.L. + OIL B.L.	2.99	2.91	0.08	2.75	3.24	2.93	0.31	10.58
35	GAS - Generation (1)	2.78	3.28	(0.50)	(15.24)	3.47	3.51	(0.04)	(1.14)
36	OIL - C.T.	0.00	0.00	0.00	0.00	19.35	15.82	3.53	22.31
37	TOTAL (\$/MMBTU)	<u>2.87</u>	<u>3.06</u>	<u>(0.19)</u>	<u>(6.21)</u>	<u>3.33</u>	<u>3.15</u>	<u>0.18</u>	<u>5.71</u>
<u>BTU BURNED / KWH</u>									
38	COAL + GAS B.L. + OIL B.L.	11,045	10,840	205	1.89	10,746	10,890	(144)	(1.32)
39	GAS - Generation (1)	7,064	7,110	(46)	(0.65)	7,138	7,245	(107)	(1.48)
40	OIL - C.T.	0	0	0	0.00	21,741	14,066	7,675	54.56
41	TOTAL (BTU/KWH)	<u>8,429</u>	<u>8,885</u>	<u>(456)</u>	<u>(5.13)</u>	<u>8,975</u>	<u>9,152</u>	<u>(177)</u>	<u>(1.93)</u>
<u>FUEL COST (¢ / KWH)</u>									
42	COAL + GAS B.L. + OIL B.L.	3.30	3.15	0.15	4.76	3.48	3.19	0.29	9.09
43	GAS	1.98	2.34	(0.36)	(15.38)	2.48	2.55	(0.07)	(2.75)
44	LANDFILL GAS	3.44	3.55	(0.11)	(3.10)	3.55	3.28	0.27	8.23
45	OIL - C.T.	0.00	0.00	0.00	0.00	42.08	22.25	19.83	89.12
46	TOTAL (¢/KWH)	<u>2.43</u>	<u>2.72</u>	<u>(0.29)</u>	<u>(10.66)</u>	<u>2.99</u>	<u>2.88</u>	<u>0.11</u>	<u>3.82</u>

Note: (1) Calculations for Line 16, 19, 30, 33, and 37 exclude Gulf's CT in Santa Rosa County because MCF and MMBTU's are not available due to contract specifications.

SCHEDULE A-4

SYSTEM NET GENERATION AND FUEL COST
 GULF POWER COMPANY
 FOR THE MONTH OF: DECEMBER 2019

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.	Plant/Unit & Fuel Type	Net Cap. (MW)	Net Gen. (MWh)	Cap. Factor (%)	Equiv. Avail. Factor (%)	Net Output Factor (%)	Avg. Net Heat Rate (BTU/kWh)	Fuel Burned Units (Tons/MCF/Bbl)	Fuel Heat Value (lbs./cf/Gal.)	Fuel Burned (MMBtu)	Fuel Burned Cost (\$)	Fuel Cost/kWh (¢/kWh)	Fuel Cost/Unit (\$/Unit)
1	Crist 4	75	(482)	0.0	100.0	0.0	N/A						
2	Coal		0					0	0	0	0	0.00	0.00
3	Gas-G		0					0	1,017	0	0	0.00	0.00
4	Gas-S							0	1,017	0	0	0.00	0.00
5	Oil-S							0	139,075	0	0	0.00	0.00
6	Crist 5	75	(482)	0.0	71.2	0.0	N/A						
7	Coal		0					0	0	0	0	0.00	0.00
8	Gas-G		0					0	1,017	0	0	0.00	0.00
9	Gas-S							0	1,017	0	0	0.00	0.00
10	Oil-S							0	139,075	0	0	0.00	0.00
11	Crist 6	299	0	4.6	35.9	66.3	12,104						
12	Coal		9,056					5,287	11,062	116,969	355,437	3.92	67.23
13	Gas-G		1,232					7,434	1,017	7,561	28,113	2.28	3.72
14	Gas-S							1,945	1,016	1,978	7,354	3.72	3.72
15	Oil-S							7	139,075	39	674	96.29	96.29
16	Crist 7	475	0	62.8	100.0	64.0	10,622						
17	Coal		211,338					98,648	11,381	2,245,425	6,631,959	3.14	67.23
18	Gas-G		10,567					109,843	1,016	111,710	415,366	3.93	3.72
19	Gas-S							1,912	1,016	1,944	7,229	3.72	3.72
20	Oil-S							235	139,075	1,373	23,603	100.44	100.44
21	Smith 3	604	439,216	97.7	100.0	97.7	6,966						
22	Gas-G							2,985,105	1,025	3,059,733	8,389,676	1.91	2.81
23	Smith A ⁽¹⁾	36	(10)	0.0	100.0	0.0	0						
24	Oil							0	138,388	0	0	0.00	0.00
25	Scherer 3 ⁽²⁾	216	11,426	7.1	100.0	34.2	13,063						
26	Coal							300	8,523	149,257	397,626	3.48	0.00
27	Oil								138,500	1,743	25,931	0.00	86.44
28	Scherer/Flint Credit	(57)	(3,004)	N/A	N/A	N/A	N/A						
29	Coal							(79)	N/A	(39,234)	(104,522)	N/A	N/A
30	Oil								N/A	(458)	(6,816)	N/A	N/A
31	Other Generation		5,973										
32	Gas										184,109	3.08	0.00
33	Perdido		2,101										
34	Landfill Gas										72,362	3.44	0.00
35	Blue Indigo		858										
36	Solar												
37	Daniel 1 ⁽³⁾	251	(1,888)	0.0	100.0	0.0	0						
38	Coal							7,990	8,806	140,720	423,048	0.00	52.95
39	Oil-S							0	138,101	0	0	0.00	0.00
40	Daniel 2 ⁽³⁾	251	10,775	5.8	45.8	10.4	0						
41	Coal							0	0	0	0	0.00	0.00
42	Oil-S							961	138,101	5,577	80,081	2.43	83.33
43	Total	2,225	696,677	42.1	86.9	53.6	8,429			5,804,337	16,931,230	2.43	

Notes & Adjustments: (1) Smith A uses lighter oil
 (2) Represents Gulf's 25% ownership
 (3) Represents Gulf's 50% ownership
 Negative Net Generation at any unit is due to station serv/ice
 Gas-G is gas used for generation; Gas-S is gas used for starter

Adj. Units: N/A
 Adj. Description: Daniel Railcar Track Deprec.
 Adj. \$: (4,022)
 Recoverable Fuel: 16,927,208
 cents/kWh: 2.43

SCHEDULE A-5
PAGE 1 OF 2

SYSTEM GENERATED FUEL COST - INVENTORY ANALYSIS
GULF POWER COMPANY
FOR THE MONTH OF: DECEMBER 2019

Line No.	Description	CURRENT MONTH				PERIOD-TO-DATE			
		Actual	Estimated	Difference		Actual	Estimated	Difference	
				Amount	%			Amount	%
<u>LIGHT OIL</u>									
1	PURCHASES :								
2	UNITS (BBL)	1,371	516	855	165.70	18,014	9,747	8,267	84.82
3	UNIT COST (\$/BBL)	96.26	91.70	4.56	4.97	79.53	94.94	(15.41)	(16.23)
4	AMOUNT (\$)	131,974	47,315	84,659	178.93	1,432,742	925,370	507,372	54.83
5	BURNED :								
6	UNITS (BBL)	1,519	513	1,006	196.19	17,041	9,847	7,194	73.06
7	UNIT COST (\$/BBL)	86.71	89.83	(3.12)	(3.47)	85.51	92.45	(6.94)	(7.51)
8	AMOUNT (\$)	131,717	46,059	85,658	185.97	1,457,201	910,339	546,862	60.07
9	ENDING INVENTORY :								
10	UNITS (BBL)	5,431	6,857	(1,426)	(20.80)	5,431	6,857	(1,426)	(20.80)
11	UNIT COST (\$/BBL)	87.17	87.51	(0.34)	(0.39)	87.17	87.51	(0.34)	(0.39)
12	AMOUNT (\$)	473,431	600,115	(126,684)	(21.11)	473,431	600,115	(126,684)	(21.11)
13	DAYS SUPPLY	N/A	N/A						
<u>COAL EXCLUDING PLANT SCHERER</u>									
14	PURCHASES :								
15	UNITS (TONS)	121,473	187,000	(65,527)	(35.04)	2,026,124	2,182,500	(156,376)	(7.16)
16	UNIT COST (\$/TON)	54.29	64.27	(9.98)	(15.53)	63.78	63.30	0.48	0.76
17	AMOUNT (\$)	6,595,217	12,018,666	(5,423,449)	(45.13)	129,216,964	138,161,117	(8,944,153)	(6.47)
18	BURNED :								
19	UNITS (TONS)	111,925	139,304	(27,379)	(19.65)	1,886,380	2,069,580	(183,200)	(8.85)
20	UNIT COST (\$/TON)	63.92	64.37	(0.45)	(0.70)	64.55	63.92	0.63	0.99
21	AMOUNT (\$)	7,154,563	8,967,455	(1,812,892)	(20.22)	121,761,820	132,282,997	(10,521,177)	(7.95)
22	ENDING INVENTORY :								
23	UNITS (TONS)	521,218	519,211	2,007	0.39	521,218	519,211	2,007	0.39
24	UNIT COST (\$/TON)	56.87	62.29	(5.42)	(8.70)	56.87	62.29	(5.42)	(8.70)
25	AMOUNT (\$)	29,639,315	32,340,972	(2,701,657)	(8.35)	29,639,315	32,340,972	(2,701,657)	(8.35)
26	DAYS SUPPLY	33	33						
<u>COAL AT PLANT SCHERER</u>									
27	PURCHASES :								
28	UNITS (MMBTU)	552,764	1,264,670	(711,906)	(56.29)	8,329,466	9,852,120	(1,522,654)	(15.46)
29	UNIT COST (\$/MMBTU)	2.71	2.56	0.15	5.86	2.70	2.57	0.13	5.06
30	AMOUNT (\$)	1,500,265	3,242,610	(1,742,345)	(53.73)	22,488,440	25,283,060	(2,794,620)	(11.05)
31	BURNED :								
32	UNITS (MMBTU)	149,257	979,127	(829,870)	(84.76)	7,224,272	9,106,540	(1,882,268)	(20.67)
33	UNIT COST (\$/MMBTU)	2.66	2.57	0.09	3.50	2.70	2.58	0.12	4.65
34	AMOUNT (\$)	397,626	2,520,809	(2,123,183)	(84.23)	19,493,139	23,451,631	(3,958,492)	(16.88)
35	ENDING INVENTORY :								
36	UNITS (MMBTU)	3,068,809	2,686,667	382,142	14.22	3,068,809	2,686,667	382,142	14.22
37	UNIT COST (\$/MMBTU)	2.66	2.60	0.06	2.31	2.66	2.60	0.06	2.31
38	AMOUNT (\$)	8,176,037	6,998,696	1,177,341	16.82	8,176,037	6,998,696	1,177,341	16.82
39	DAYS SUPPLY	57	50						

SCHEDULE A-5
PAGE 2 OF 2

SYSTEM GENERATED FUEL COST - INVENTORY ANALYSIS
GULF POWER COMPANY
FOR THE MONTH OF: DECEMBER 2019

Line No.	Description	CURRENT MONTH				PERIOD-TO-DATE			
		Actual	Estimated	Difference		Actual	Estimated	Difference	
				Amount	%			Amount	%
	<u>GAS</u>	(Reported on a MMBTU and \$ basis)							
40	<i>PURCHASES :</i>								
41	UNITS (MMBTU)	3,249,760	2,770,839	478,921	17.28	28,477,674	31,885,514	(3,407,840)	(10.69)
42	UNIT COST (\$/MMBTU)	2.67	3.28	(0.61)	(18.60)	3.45	3.51	(0.06)	(1.71)
43	<u>AMOUNT</u> (\$)	8,673,849	9,079,954	(406,105)	(4.47)	98,205,090	111,781,307	(13,576,217)	(12.15)
44	<i>BURNED :</i>								
45	UNITS (MMBTU)	3,182,926	2,770,839	412,087	14.87	28,528,283	31,885,514	(3,357,231)	(10.53)
46	UNIT COST (\$/MMBTU)	2.78	3.28	(0.50)	(15.24)	3.51	3.51	0.00	0.00
47	<u>AMOUNT</u> (\$)	8,847,737	9,079,954	(232,217)	(2.56)	99,993,893	111,781,307	(11,787,414)	(10.55)
48	<i>ENDING INVENTORY :</i>								
49	UNITS (MMBTU)	808,302	0	808,302	100.00	808,302	0	808,302	100.00
50	UNIT COST (\$/MMBTU)	2.75	0.00	2.75	100.00	2.75	0.00	2.75	100.00
51	<u>AMOUNT</u> (\$)	2,221,201	0	2,221,201	100.00	2,221,201	0	2,221,201	100.00
	<u>OTHER - C.T. OIL</u>								
52	<i>PURCHASES :</i>								
53	UNITS (BBL) *	4	0	4	100.00	305	0	305	100.00
54	UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	(27.02)	0.00	(27.00)	100.00
55	<u>AMOUNT</u> (\$)	0	0	0	0.00	(8,241)	0	(8,241)	100.00
56	<i>BURNED :</i>								
57	UNITS (BBL)	0	0	0	0.00	1,176	615	561	91.22
58	UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	93.89	92.61	1.28	1.38
59	<u>AMOUNT</u> (\$)	0	0	0	0.00	110,416	56,956	53,460	93.86
60	<i>ENDING INVENTORY :</i>								
61	UNITS (BBL)	6,591	6,376	215	3.37	6,591	6,376	215	3.37
62	UNIT COST (\$/BBL)	92.26	92.69	(0.43)	(0.46)	92.26	92.69	(0.43)	(0.46)
63	<u>AMOUNT</u> (\$)	608,066	590,980	17,086	2.89	608,066	590,980	17,086	2.89
64	<u>HOURS SUPPLY</u>	75	72						

SCHEDULE A-6
Page 1 of 2

POWER SOLD
GULF POWER COMPANY
FOR THE MONTH OF: DECEMBER 2019

CURRENT MONTH

Line No.	Sold To	Type and Schedule	Total KWH Sold	KWH Wheeled from Other Systems	KWH from Own Generation	¢ / kWh		Total \$ for Fuel Adjustment	Total Cost (\$)
						Fuel Costs	Total Costs		
<i>ESTIMATED</i>									
1	Southern Company Interchange		480,458,000	0	480,458,000	2.30	2.69	11,035,078	12,923,125
2	Various	Economy Sales	11,859,000	0	11,859,000	2.42	2.78	287,346	329,788
3		Gain on Econ. Sales	0	0	0	0.00	0.00	18,000	18,000
4	TOTAL ESTIMATED SALES		492,317,000	0	492,317,000	2.30	2.70	11,340,424	13,270,913
<i>ACTUAL</i>									
5	Southern Company Interchange		406,462,261	0	406,462,261	1.93	2.13	7,831,661	8,637,982
6	A.E.C.	External	246,398	0	246,398	1.90	2.70	4,676	6,642
7	DUKE PWR	External	563,112	0	563,112	1.74	2.50	9,775	14,060
8	EAGLE EN	External	391,980	0	391,980	1.92	2.68	7,526	10,508
9	ENDURE	External	0	0	0	0.00	0.00	0	0
10	EXELON	External	233,700	0	233,700	1.71	2.39	3,998	5,594
11	FPC	External	100,646	0	100,646	1.52	2.12	1,532	2,133
12	FPL	External	0	0	0	0.00	0.00	0	0
13	MACQUARI	External	74,346	0	74,346	2.30	3.48	1,711	2,586
14	MERCURIA	External	191,696	0	191,696	2.56	3.65	4,904	6,997
15	MISO	External	2,018,544	0	2,018,544	1.52	2.15	30,725	43,373
16	MORGAN	External	46,129	0	46,129	1.99	2.38	920	1,097
17	NCEMC	External	0	0	0	0.00	0.00	0	0
18	NCMPA1	External	0	0	0	0.00	0.00	0	0
19	NTE	External	0	0	0	0.00	0.00	0	0
20	OPC	External	38,939	0	38,939	2.36	3.60	919	1,402
21	ORLANDO	External	0	0	0	0.00	0.00	0	0
22	PJM	External	439,130	0	439,130	1.92	2.80	8,443	12,279
23	REMC	External	7,907	0	7,907	2.54	3.50	201	276
24	SCE&G	External	0	0	0	0.00	0.00	0	0
25	SEPA	External	682,053	0	682,053	2.23	2.97	15,232	20,283
26	TAL	External	0	0	0	0.00	0.00	0	0
27	TEA	External	1,126,790	0	1,126,790	1.64	2.36	18,523	26,620
28	TECO	External	0	0	0	0.00	0.00	0	0
29	TVA	External	68,893	0	68,893	1.93	3.00	1,328	2,067
30	WRI	External	38,339	0	38,339	2.16	3.46	828	1,327
31	Less: Flow-Thru Energy		(6,268,662)	0	(6,268,662)	1.77	1.77	(111,109)	(111,109)
32	Economy Energy Sales Gain (1)		0	0	0	0.00	0.00	14,487	14,487
33	TOTAL ACTUAL SALES		406,462,201	0	406,462,201	1.93	2.14	7,846,279	8,684,118
34	Difference in Amount		(85,854,799)	0	(85,854,799)	(0.37)	0.00	(3,494,145)	(4,586,796)
35	Difference in Percent		(17.44)	0	(17.44)	(16.09)	0.00	(30.81)	(34.56)

Note: (1) Gains in the Total Cost column are included in the total cost for each counterparty, but shown separately on line 32 for informational purposes.

SCHEDULE A-6
Page 2 of 2

POWER SOLD
GULF POWER COMPANY
FOR THE MONTH OF: DECEMBER 2019

PERIOD TO DATE

Line No.	Sold To	Type and Schedule	Total KWH Sold	Kwh Wheeled from Other Systems	KWH from Own Generation	¢ / kWh		Total \$ for Fuel Adjustment	Total Cost (\$)
						Fuel Costs	Total Costs		
<i>ESTIMATED</i>									
1	Southern Company Interchange		4,727,153,000	0	4,727,153,000	2.32	2.68	109,436,648	126,664,913
2	Various	Economy Sales	112,848,000	0	112,848,000	2.44	2.79	2,757,820	3,147,634
3		Gain on Econ. Sales	0	0	0	0.00	0.00	162,000	162,000
4	TOTAL ESTIMATED SALES		4,840,001,000	0	4,840,001,000	2.32	2.69	112,356,468	129,974,547
<i>ACTUAL</i>									
5	Southern Company Interchange		3,299,829,479	0	3,299,829,479	2.41	2.63	79,535,854	86,826,386
6	A.E.C.	External	4,886,354	0	4,886,354	2.41	3.16	117,936	154,268
7	DUKE PWR	External	2,019,513	0	2,019,513	2.55	4.70	51,587	94,873
8	EAGLE EN	External	3,230,249	0	3,230,249	2.43	3.29	78,484	106,316
9	ENDURE	External	92,797	0	92,797	2.57	3.61	2,383	3,350
10	EXELON	External	3,305,938	0	3,305,938	2.36	2.86	78,052	94,501
11	FPC	External	1,088,581	0	1,088,581	2.47	3.61	26,837	39,350
12	FPL	External	3,839,893	0	3,839,893	3.05	4.73	117,091	181,626
13	MACQUARI	External	1,640,054	0	1,640,054	2.98	3.32	48,814	54,428
14	MERCURIA	External	670,936	0	670,936	10.24	3.18	68,736	21,315
15	MISO	External	10,266,076	0	10,266,076	1.95	2.58	199,935	265,343
16	MORGAN	External	1,719,772	0	1,719,772	2.92	3.92	50,179	67,500
17	NCEMC	External	14,679	0	14,679	3.12	4.20	459	617
18	NCMPA1	External	29,953	0	29,953	3.05	3.86	914	1,155
19	NTE	External	94,948	0	94,948	2.68	3.46	2,547	3,283
20	OPC	External	2,787,444	0	2,787,444	1.56	2.24	43,549	62,337
21	ORLANDO	External	230,646	0	230,646	3.01	4.60	6,950	10,609
22	PJM	External	2,387,705	0	2,387,705	2.49	3.51	59,457	83,782
23	REMC	External	793,334	0	793,334	3.82	3.37	30,288	26,758
24	SCE&G	External	61,643	0	61,643	3.20	5.97	1,973	3,682
25	SEPA	External	6,505,885	0	6,505,885	1.80	2.39	117,128	155,512
26	TAL	External	234,828	0	234,828	3.19	4.82	7,480	11,310
27	TEA	External	14,070,721	0	14,070,721	2.32	3.18	326,211	447,459
28	TECO	External	548,874	0	548,874	2.99	4.96	16,395	27,201
29	TVA	External	2,525,309	0	2,525,309	2.54	3.52	64,234	88,958
30	WRI	External	584,973	0	584,973	6.68	3.21	39,064	18,806
31	Less: Flow-Thru Energy		(63,631,165)	0	(63,631,165)	2.28	2.28	(1,448,365)	(1,448,365)
32	Economy Energy Sales Gain (1)		0	0	0	0.00	0.00	159,395	159,393
33	TOTAL ACTUAL SALES		3,299,829,419	0	3,299,829,419	2.42	2.65	79,803,568	87,402,358
34	Difference in Amount		(1,540,171,581)	0	(1,540,171,581)	0.10	(0.04)	(32,552,900)	(42,572,189)
35	Difference in Percent		(31.82)	0	(31.82)	4.31	(1.49)	(28.97)	(32.75)

Note: (1) Gains in the Total Cost column are included in the total cost for each counterparty, but shown separately on line 32 for informational purposes.

SCHEDULE A-7

**PURCHASED POWER
GULF POWER COMPANY
(EXCLUSIVE OF ECONOMY ENERGY PURCHASES)
FOR THE MONTH OF: DECEMBER 2019**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		(10)	(11)
Line No.	Month	Purchased From	Type & Schedule	Total KWH Purchased	KWH for Other Utilities	KWH for Interruptible	KWH for Firm	Fuel Cost	¢ / kWh	Total Cost	Total \$ for Fuel Adj

1 ESTIMATED:

2 NONE

3 ACTUAL:

4 NONE

SCHEDULE A-8

**ENERGY PAYMENT TO QUALIFIED FACILITIES
 GULF POWER COMPANY
 FOR THE MONTH OF: DECEMBER 2019**

CURRENT MONTH

Line No.	Purchased From	Type & Schedule	Total KWH Purchased	KWH for Other Utilities	KWH for Interruptible	KWH for Firm	¢ / kWh		Total \$ for Fuel Adj
							Fuel Cost	Total Cost	
<i>ACTUAL</i>									
1	Bay County/Engen, LLC	Contract	467,000	0	0	0	3.11	3.11	14,547
2	Renewable Energy Customers	COG 1	0	0	0	0	0.00	0.00	10,040
3	Ascend Performance Materials	COG 1	18,030,887	0	0	0	2.01	2.01	363,206
4	International Paper	COG 1	7,696	0	0	0	1.79	1.79	138
5	TOTAL		18,505,583	0	0	0	2.10	2.10	387,931

PERIOD-TO-DATE

Line No.	Purchased From	Type & Schedule	Total KWH Purchased	KWH for Other Utilities	KWH for Interruptible	KWH for Firm	¢ / kWh		Total \$ for Fuel Adj
							Fuel Cost	Total Cost	
<i>ACTUAL</i>									
6	Bay County/Engen, LLC	Contract	31,987,000	0	0	0	3.11	3.11	996,090
7	Renewable Energy Customers	COG 1	0	0	0	0	0.00	0.00	11,567
8	Ascend Performance Materials	COG 1	198,163,197	0	0	0	2.56	2.56	5,063,147
9	International Paper	COG 1	1,039,728	0	0	0	3.16	3.16	32,864
10	TOTAL		231,189,925	0	0	0	2.64	2.64	6,103,667

SCHEDULE A-9

**ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
GULF POWER COMPANY
FOR THE MONTH OF: DECEMBER 2019**

Line No.	Purchased From	CURRENT MONTH			PERIOD - TO - DATE		
		Total KWH Purchased	Trans. Costs ¢ / KWH	Total \$ for Fuel Adj	Total KWH Purchased	Trans. Costs ¢ / KWH	Total \$ for Fuel Adj
<u>ESTIMATED</u>							
1	Southern Company Interchange	362,000	2.82	10,198	197,530,000	2.29	4,523,970
2	Economy Energy	3,611,000	2.79	100,655	56,608,000	2.75	1,557,073
3	Other Purchases	642,128,000	2.77	17,795,000	7,100,401,000	2.85	202,553,000
4	TOTAL ESTIMATED PURCHASES	646,101,000	2.77	17,905,853	7,354,539,000	2.84	208,634,043
<u>ACTUAL</u>							
5	Southern Company Interchange	24,280,331	1.63	395,703	625,633,940	2.68	16,767,556
6	Non-Associated Companies	4,028,669	2.36	95,025	188,140,367	3.23	6,073,738
7	Purchased Power Agreements	425,757,000	2.38	10,122,906	4,832,753,000	2.56	123,725,670
8	Renewable Energy Purchase Agreements	87,892,777	4.02	3,529,230	1,263,087,268	4.08	51,578,356
9	Other Wheeled Energy	3,315,011	N/A	N/A	9,409,482	N/A	N/A
10	Other Transactions	60,600	N/A	13,935	709,800	N/A	157,504
11	Less: Flow-Thru Energy	(6,268,662)	1.99	(124,440)	(63,631,165)	2.50	(1,590,853)
12	TOTAL ACTUAL PURCHASES	539,065,726	2.60	14,032,360	6,856,102,692	2.87	196,711,972
13	Difference in Amount	(107,035,274)	(0.17)	(3,873,493)	(498,436,308)	0.03	(11,922,071)
14	Difference in Percent	(16.57)	(6.14)	(21.63)	(6.78)	1.06	(5.71)

Gulf Power Company
Docket: 2019 A Schedule Acronym
Definitions Page 1 of 2

Acronym	Definition
MWH	Megawatt Hour
KWH	Kilowatt Hour
T&D	Transmission & Distribution
Adj.	Adjusted
GPIF	Generating Performance Incentive Factor
Terr.	Territorial
Adj. Revs.	Adjusted Revenues
Juris.	Jurisdictional
B.L.	Boiler Lighter
BBL	Oil Barrel
C.T.	Combustion Turbine
cf	Cubic feet
MCF	Thousand cubic feet
BTU	British Thermal Unit
MMBTU	Million British Thermal Units
lbs.	Pounds
Gal.	Gallons
Deprec.	Depreciation
Econ.	Economy
COG	Cogeneration
Co-op	Cooperative

Gulf Power Company
Docket: 2019 A Schedule Acronym
Definitions Page 2 of 2

A-6 Counterparties

Party	Name
AEC	PowerSouth Energy Cooperative
AECI	Associated Electric Cooperative Inc.
CARGILE	Cargill Power Markets, LLC
DUKE PWR	Duke Energy Corporation
EAGLE EN	EDF Trading North America, LLC
ENDURE	Endure Energy, LLC
EXELON	Exelon Generation Company
FPC	Duke Energy Florida
FPL	Florida Power & Light Company
MACQUARI	Macquarie Group
MERCURIA	Mercuria Energy Group
MISO	Midwest Independent System Operator, Inc.
MORGAN	Morgan Stanley Capital Group
NCEMC	North Carolina Electric Membership Corporation
NOBLEAGP	Noble Americas Gas and Power Corporation
OPC	Oglethorpe Power Corporation
ORLANDO	Orlando Utilities Commission
PJM	PJM Interconnection LLC.
REMC	Rainbow Energy Marketing Corporation
SCE&G	South Carolina Electric & Gas
SEC	Seminole Electric Cooperative
SEPA	Southeastern Power Administration
TAL	City of Tallahassee
TEA	The Energy Authority
TECO	Tampa Electric Company
TENASKA	Tenaska
TVA	Tennessee Valley Authority
WRI	Westar Energy

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

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

Docket No.: **20200001-EI**

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing was furnished by electronic mail this 21st day of January, 2020 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
Maria J. Moncada
Joel T. Baker
700 Universe Boulevard (LAW/JB)
Juno Beach, FL 33408-0420
Maria.moncada@fpl.com
joel.baker@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
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

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
2540 Shumard Oak Blvd
Tallahassee, FL 32399-0850
sbrownle@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

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

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

Docket No.: **20200001-EI**

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing was furnished by electronic mail this 2nd day of March, 2020 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
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