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January 22, 2018

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

Re: Docket No. 20180001-EI

Dear Ms. Stauffer:

Attached for official filing in the subject docket on behalf of Gulf Power Company are the following for the month of December 2017 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,

Rhonda J. Alexander  
Regulatory, Forecasting and Pricing Manager

md

Attachment

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

**BEFORE THE FLORIDA PUBLIC  
SERVICE COMMISSION**

**Docket No. 20180001-EI**

**MONTHLY FUEL FILING**

**December 2017**



**Gulf Power**

**GULF POWER COMPANY  
 RECAP OF ACTUAL FUEL & PURCHASED POWER COSTS  
 SHOWN ON SCHEDULE A-1  
 FOR THE MONTH OF: DECEMBER 2017**

<u>LINE</u>	<u>DESCRIPTION</u>	<u>REFERENCE</u>	<u>AMOUNT</u>
1	Fuel Cost of System Net Generation	Schedule A-3	\$ 20,739,909
2	Scherer/Flint Credit	Schedule A-3, Line 2b	\$ (406,195)
3	Adjustments to Fuel Cost	Schedule A-2, Line A-7	\$ 3,039
4	Hedging Settlement Costs	Schedule A-2, Line A-5	\$ 1,919,150
5	Fuel Cost of Purchased Power	Schedule A-7	\$ -
6	Energy Cost of Economy Purchases	Sch. A-9, Col. 4, Line 12	\$ 15,289,331
7	Demand & Non Fuel Cost of Purchased Power	Schedule A-9	\$ -
8	Energy Payments to Qualified Facilities	Sch. A-8, Col. 8, Line 5	\$ 592,531
9	Fuel Cost of Power Sold	Sch. A-6, Col. 7	\$ (9,899,836)
10	Total Fuel and Net Power Transactions		<u>\$ 28,237,929</u>

**COMPARISON OF ESTIMATED AND ACTUAL  
FUEL AND PURCHASED POWER COST RECOVERY FACTOR  
GULF POWER COMPANY  
DECEMBER 2017**

	DOLLARS			DIFFERENCE			KWH			CENTS/KWH		
	ACTUAL (a)	EST'd (b)	DIFFERENCE AMT (c)	% (d)	ACTUAL (e)	EST'd (f)	DIFFERENCE AMT (g)	% (h)	ACTUAL (i)	EST'd (j)	DIFFERENCE AMT (k)	% (l)
1 Fuel Cost of System Net Generation (A3)	20,739,909	25,943,252	(5,203,343)	(20.06)	755,166,031	883,782,000	(128,615,969)	(14.55)	2,7464	2,9355	(0.19)	(6.44)
1a Hedging Settlement Costs (A2)	1,919,150	1,357,820	561,330	41.34	0	0	0	0.00	#N/A	#N/A	#N/A	#N/A
1b Scherer/Flint Credit	(406,195)	(686,451)	280,256	(40.83)	(13,600,958)	(25,869,000)	12,268,042	(47.42)	#N/A	N/A	N/A	N/A
2 Adjustments to Fuel Cost (A2, Page 1) **	3,039	0	3,039	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
3 TOTAL COST OF GENERATED POWER	22,255,903	26,614,621	(4,358,718)	(16.38)	741,565,073	857,913,000	(116,347,927)	(13.56)	3,0012	3,1023	(0.10)	(3.26)
4 Fuel Cost of Purchased Power (Exclusive of Economy) (A7)	-	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
5 Energy Cost of Other Econ. Purch. (Nonbroker) (A9)	15,289,331	11,422,800	3,866,531	33.85	742,247,109	319,257,000	422,990,109	132.49	2,0599	3,5779	(1.52)	(42.43)
6 Energy Payments to Qualifying Facilities (A8)	592,531	0	592,531	100.00	22,599,927	0	22,599,927	100.00	2,6218	0.0000	2.62	0.00
7 TOTAL COST OF PURCHASED POWER	15,881,862	11,422,800	4,459,062	39.04	764,847,036	319,257,000	445,590,036	139.57	2,0765	3,5779	(1.50)	(41.96)
8 Total Available MWH (Line 3 + Line 7)	38,137,765	38,037,421	100,344	0.26	1,506,412,109	1,177,170,000	329,242,109	27.97	(2,3356)	(2,3511)	0.02	0.66
9 Fuel Cost of Economy Sales (A6)	(186,798)	(190,400)	3,602	(1.89)	(7,997,907)	(8,098,200)	100,293	(1.24)	#N/A	#N/A	#N/A	#N/A
10 Gain on Economy Sales (A6)	(26,740)	(16,000)	(10,740)	67.13	0	0	0	0.00	(1,6748)	(2,3698)	0.70	29.33
11 Fuel Cost of Other Power Sales (A6)	(9,686,298)	(6,569,200)	(3,117,098)	47.45	(578,347,661)	(277,206,600)	(301,141,061)	108.63	(1,6884)	(2,3749)	0.69	28.91
12 TOTAL FUEL COSTS & GAINS OF POWER SALES (LINES 9 + 10 + 11)	(9,899,836)	(6,775,600)	(3,124,236)	46.11	(586,345,568)	(285,304,800)	(301,040,768)	105.52	(3,0691)	3,5052	(0.44)	(12.44)
13 TOTAL FUEL & NET POWER TRANSACTIONS (LINES 3 + 7 + 12)	28,237,929	31,261,821	(3,023,892)	(9.67)	920,066,541	891,865,200	28,201,341	3.16	3,0691	3,5052	(0.44)	(12.44)
14 Company Use *	37,935	45,322	(7,387)	(16.30)	1,236,043	1,293,000	(56,957)	(4.41)	3,0691	3,5052	(0.44)	(12.44)
15 T & D Losses *	1,191,668	1,542,330	(350,662)	(22.74)	38,827,927	44,001,200	(5,173,273)	(11.76)	3,0691	3,5052	(0.44)	(12.44)
16 TERRITORIAL KWH SALES	28,237,929	31,261,821	(3,023,892)	(9.67)	890,002,571	846,571,000	33,431,571	3.95	3,2088	3,6928	(0.48)	(13.11)
17 Wholesale KWH Sales	816,810	1,007,318	(190,508)	(18.91)	25,454,674	27,278,000	(1,823,326)	(6.68)	3,2088	3,6928	(0.48)	(13.11)
18 Jurisdictional KWH Sales	27,421,119	30,254,503	(2,833,384)	(9.37)	854,547,897	819,293,000	35,254,897	4.30	1,0012	1,0012	0.00	0.00
19 Jurisdictional Loss Multiplier	1.0012	1.0012	0	0.00	854,547,897	819,293,000	35,254,897	4.30	2,9586	3,4321	(0.47)	(13.80)
20 Jurisdictional KWH Sales Adj. for Line Losses	27,454,024	30,290,808	(2,836,784)	(9.37)	854,547,897	819,293,000	35,254,897	4.30	1,00072	1,00072	0.00	0.00
21 TRUE-UP	(2,171,639)	(2,171,639)	0	0.00	854,547,897	819,293,000	35,254,897	4.30	2,9607	3,4346	(0.47)	(13.80)
22 TOTAL JURISDICTIONAL FUEL COST	25,282,385	28,119,169	(2,836,784)	(10.09)	854,547,897	819,293,000	35,254,897	4.30	(0.0004)	(0.0005)	0.00	(20.00)
23 Revenue Tax Factor	(3,806)	(3,806)	0	0.00	854,547,897	819,293,000	35,254,897	4.30	2,9603	3,4341	(0.47)	(13.80)
24 Fuel Factor Adjusted for Revenue Taxes	(3,806)	(3,806)	0	0.00	854,547,897	819,293,000	35,254,897	4.30	2,960	3,434	(0.47)	(13.80)
25 GPIF Reward / (Penalty)												
26 Fuel Factor Adjusted for GPIF Reward / (Penalty)												
27 FUEL FACTOR ROUNDED TO NEAREST .001(CENTS/KWH)												

\* Included for Informational Purposes Only  
 \*\* (Gain)/Loss on sales of natural gas and costs of contract dispute litigation.

**COMPARISON OF ESTIMATED AND ACTUAL  
FUEL AND PURCHASED POWER COST RECOVERY FACTOR  
GULF POWER COMPANY  
DECEMBER 2017  
PERIOD TO DATE**

	DOLLARS			KWH			CENTS/KWH					
	ACTUAL (a)	EST'D (b)	DIFFERENCE AMT (c)	% (d)	ACTUAL (e)	EST'D (f)	DIFFERENCE AMT (g)	% (h)	ACTUAL (i)	EST'D (j)	DIFFERENCE AMT (k)	% (l)
1 Fuel Cost of System Net Generation (A3)	277,982,315	299,112,408	(21,130,093)	(7.06)	9,247,071,662	10,041,442,000	(794,370,338)	(7.91)	3,0062	2,9788	0.03	0.92
1a Hedging Settlement Costs (A2)	24,270,662	10,816,130	13,454,532	124.39	0	0	0	0.00	#N/A	#N/A	#N/A	#N/A
1b Scherer/Flint Credit	(3,590,050)	(4,548,768)	958,718	(21.08)	(127,136,296)	(169,369,000)	42,232,704	(24.94)	N/A	N/A	N/A	N/A
2 Adjustments to Fuel Cost (A2, Page 1) **	9,548	0	9,548	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
3 TOTAL COST OF GENERATED POWER	298,672,475	305,379,770	(6,707,295)	(2.20)	9,119,935,366	9,872,073,000	(752,137,634)	(7.62)	3,2749	3,0934	0.18	5.87
4 Fuel Cost of Purchased Power (Exclusive of Economy) (A7)	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
5 Energy Cost of Other Econ. Purch. (Nonbroker) (A9)	187,923,120	210,744,100	(22,820,980)	(10.83)	7,992,713,211	6,523,636,000	1,469,077,211	22.52	2,3512	3,2305	(0.88)	(27.22)
6 Energy Payments to Qualifying Facilities (A8)	6,966,833	2,457,000	4,509,833	183.55	249,615,037	92,411,000	157,204,037	170.11	2,7910	2,6588	0.13	4.97
7 TOTAL COST OF PURCHASED POWER	194,889,953	213,201,100	(18,311,147)	(8.59)	8,242,328,248	6,616,047,000	1,626,281,248	24.58	2,3645	3,2225	(0.86)	(26.63)
8 Total Available MWH (Line 5 + Line 12)	493,562,428	518,580,870	(25,018,442)	(4.82)	17,362,263,614	16,488,120,000	874,143,614	5.30	(2,4032)	(2,4857)	0.08	3.32
9 Fuel Cost of Economy Sales (A6)	(6,024,248)	(2,886,100)	(3,138,148)	108.73	(250,673,266)	(116,108,500)	(134,564,766)	115.90	#N/A	#N/A	#N/A	#N/A
10 Gain on Economy Sales (A6)	(1,765,582)	(361,400)	(1,404,182)	388.54	0	0	0	0.00	(1,7701)	(2,7136)	0.94	34.77
11 Fuel Cost of Other Power Sales (A6)	(95,740,713)	(121,930,000)	26,189,287	(21.48)	(5,408,818,032)	(4,493,290,000)	(915,528,032)	20.38	(1,8293)	(2,7157)	0.89	32.64
12 TOTAL FUEL COSTS & GAINS OF POWER SALES (LINES 9 + 10 + 11)	(103,530,544)	(125,177,500)	21,646,956	(17.29)	(5,659,491,298)	(4,609,398,500)	(1,050,092,798)	22.78	3,3328	3,3118	0.02	0.63
13 TOTAL FUEL & NET POWER TRANSACTIONS (LINES 3 + 7 + 12)	390,031,885	393,403,370	(3,371,486)	(0.86)	11,702,772,316	11,878,721,500	(175,949,184)	(1.48)	3,3328	3,3118	0.02	0.63
14 Company Use *	479,668	598,144	(118,476)	(19.81)	14,392,338	18,061,000	(3,668,662)	(20.31)	3,3328	3,3118	0.02	0.63
15 T & D Losses *	19,119,228	19,592,524	(463,296)	(2.37)	573,668,629	591,295,500	(17,626,872)	(2.98)	3,3328	3,3118	0.02	0.63
16 TERRITORIAL KWH SALES	390,031,885	393,403,370	(3,371,485)	(0.86)	11,114,711,349	11,269,365,000	(154,653,651)	(1.37)	3,5091	3,4909	0.02	0.52
17 Wholesale KWH Sales	10,748,275	11,561,610	(813,335)	(7.03)	306,094,501	330,984,000	(24,889,499)	(7.52)	3,5114	3,4931	0.02	0.52
18 Jurisdictional KWH Sales	379,283,610	381,841,760	(2,558,150)	(0.67)	10,808,616,848	10,938,381,000	(129,764,152)	(1.19)	1,0012	1,0012	0.00	0.00
19 Jurisdictional Loss Multiplier	1,0012	1,0012	0	0.00	0	0	0	0.00	3,5138	3,4955	0.02	0.52
20 Jurisdictional KWH Sales Adj. for Line Losses	379,792,398.00	382,353,103	(2,560,705)	(0.67)	10,808,616,848	10,938,381,000	(129,764,152)	(1.19)	(0,2411)	(0,2382)	(0,00)	1.22
21 TRUE-UP	(26,059,665)	(26,059,665)	0	0.00	10,808,616,848	10,938,381,000	(129,764,152)	(1.19)	3,2727	3,2573	0.02	0.47
22 TOTAL JURISDICTIONAL FUEL COST	353,732,733	356,293,438	(2,560,705)	(0.72)	10,808,616,848	10,938,381,000	(129,764,152)	(1.19)	1,00072	1,00072	0.00	0.00
23 Revenue Tax Factor	(45,708)	(45,708)	0	0.00	10,808,616,848	10,938,381,000	(129,764,152)	(1.19)	3,2751	3,2596	0.02	0.48
24 Fuel Factor Adjusted for Revenue Taxes									(0,0004)	(0,0004)	0.00	0.00
25 GPIF Reward / (Penalty)									3,2747	3,2592	0.02	0.48
26 Fuel Factor Adjusted for GPIF Reward / (Penalty)									3,275	3,259	0.02	0.48
27 FUEL FACTOR ROUNDED TO NEAREST .001(CENTS/KWH)												

\* Included for Informational Purposes Only  
 \*\* (Gain)/Loss on sales of natural gas and costs of contract dispute litigation.

CALCULATION OF TRUE-UP AND INTEREST PROVISION  
GULF POWER COMPANY  
FOR THE MONTH OF: DECEMBER 2017

	CURRENT MONTH			PERIOD - TO - DATE		
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT (\$)	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT (\$)
<b>A. Fuel Cost &amp; Net Power Transactions</b>						
1 Fuel Cost of System Net Generation	20,561,607.61	25,786,915	(5,225,307.39)	275,788,334.62	296,747,778	(20,959,443.37)
1a Other Generation	178,301.59	156,337	21,964.59	2,193,980.89	2,364,630	(170,649.11)
1b Scherer/Flint Credit	(406,195.26)	(686,451)	280,255.53	(3,590,049.91)	(4,548,768)	958,717.71
2 Fuel Cost of Power Sold	(9,899,836.04)	(6,775,600)	(3,124,236.04)	(103,530,543.04)	(125,177,500)	21,646,956.96
3 Fuel Cost - Purchased Power	15,289,331.23	11,422,800	3,866,531.23	187,923,120.09	210,744,100	(22,820,979.91)
3a Demand & Non-Fuel Cost Purchased Power	0.00	0	0.00	0.00	0	0.00
3b Energy Payments to Qualifying Facilities	592,530.85	0	592,530.85	6,966,833.64	2,457,000	4,509,833.64
4 Energy Cost - Economy Purchases	0.00	0	0.00	0.00	0	0.00
5 Hedging Settlement Cost	1,919,150.00	1,357,820	561,330.00	24,270,662.00	10,816,130	13,454,532.00
6 Total Fuel & Net Power Transactions	28,234,889.98	31,261,821	(3,026,931.23)	390,022,338.29	393,403,370	(3,381,032.08)
7 Adjustments To Fuel Cost*	3,039.48	0	3,039.48	9,546.79	0	9,546.79
8 Adj. Total Fuel & Net Power Transactions	28,237,929.46	31,261,821	(3,023,891.54)	390,031,885.08	393,403,370	(3,371,485.29)
<b>B. KWH Sales</b>						
1 Jurisdictional Sales	854,547,897	819,293,000	35,254,897	10,808,616,848	10,938,381,000	(129,764,152)
2 Non-Jurisdictional Sales	25,454,674	27,278,000	(1,823,326)	306,094,501	330,984,000	(24,889,499)
3 Total Territorial Sales	880,002,571	846,571,000	33,431,571	11,114,711,349	11,269,365,000	(154,653,651)
4 Juris. Sales as % of Total Terr. Sales	97.1074	96.7778	0.3296	97.2460	97.0630	0.1830
						0.19

\*(Gain)/Loss on sales of natural gas and costs of contract dispute litigation.

**CALCULATION OF TRUE-UP AND INTEREST PROVISION  
GULF POWER COMPANY  
FOR THE MONTH OF: DECEMBER 2017**

	CURRENT MONTH			PERIOD - TO - DATE		
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT (\$)	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT (\$)
C. True-up Calculation						
1 Jurisdictional Fuel Revenue	28,831,729.37	25,699,104	3,132,625.45	342,852,833.09	343,108,741	(255,908.21)
2 Fuel Adj. Revs. Not Applicable to Period:						
2a True-Up Provision	2,171,639.00	2,171,639	0.00	26,059,665.00	26,059,665	0.00
2b Incentive Provision	3,806.00	3,806	0.00	45,675.00	45,675	0.00
3 Juris. Fuel Revenue Applicable to Period	31,007,174.37	27,874,549	3,132,625.37	368,958,173.09	369,214,081	(255,907.91)
Adjusted Total Fuel & Net Power						
4 Transactions (Line A8)	28,237,929.46	31,261,821	(3,023,891.54)	390,031,885.08	393,403,370	(3,371,484.92)
5 Juris. Sales % of Total KWH Sales (Line B4)	97.1074	96.7778	0.3296	97.2460	97.0630	0.1830
Juris. Total Fuel & Net Power Transactions						
6 Adj. for Line Losses (C4*C5*1.0012)	27,454,024.46	30,290,808	(2,836,783.54)	379,792,397.99	382,353,103	(2,560,705.01)
True-Up Provision for the Month						
7 Over/(Under) Collection (C3-C6)	3,553,149.91	(2,416,259)	5,969,408.91	(10,834,164.90)	(13,139,021)	2,304,856.10
8 Interest Provision for the Month	(27,235.49)	(12,670)	(14,565.49)	(74,754.32)	85,830	(160,584.32)
9 Beginning True-Up & Interest Provision	(23,791,258.88)	(8,452,623)	(15,338,635.88)	15,262,254.60	26,059,665	(10,797,410.70)
10 True-Up Collected / (Refunded)	(2,171,639.00)	(2,171,639)	0.00	(26,059,725.00)	(26,059,665)	(60.00)
End of Period - Total Net True-Up, Before						
11 Adjustment (C7+C8+C9+C10)	(22,436,983.46)	(13,053,191)	(9,383,792.46)	(21,706,389.62)	(13,053,191)	(8,653,198.62)
12 Adjustment	0.00	0	0.00	(730,593.84)	0	(730,593.84)
13 End of Period - Total Net True-Up	(22,436,983.46)	(13,053,191)	(9,383,792.46)	(22,436,983.46)	(13,053,191)	(9,383,792.46)

**CALCULATION OF TRUE-UP AND INTEREST PROVISION  
GULF POWER COMPANY  
FOR THE MONTH OF: DECEMBER 2017**

	ACTUAL	CURRENT MONTH		DIFFERENCE	%
		\$	ESTIMATED		
1 Beginning True-Up Amount (C9)	(23,791,258.88)	(8,452,623)	(15,338,635.88)		181.47
2 Ending True-Up Amount	(22,409,747.97)	(13,040,521)	(9,369,226.97)		71.85
3 Total of Beginning & Ending True-Up Amts.	(46,201,006.85)	(21,493,144)	(24,707,862.85)		114.96
4 Average True-Up Amount	(23,100,503.43)	(10,746,572)	(12,353,931.43)		114.96
5 Interest Rate	1.25	1.25	0.0000		
6 Interest Rate	1.58	1.58	0.0000		
7 Total (D5+D6)	2.83	2.83	0.0000		
8 Annual Average Interest Rate	1.42	1.42	0.0000		
9 Monthly Average Interest Rate (D8/12)	0.1179	0.1179	0.0000		
10 Interest Provision (D4*D9)	(27,235.49)	(12,670)	(14,565.49)		114.96

Jurisdictional Loss Multiplier (From Schedule A-1)

1.0012

1.0012



**GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE  
GULF POWER COMPANY  
FOR THE MONTH OF: DECEMBER 2017**

	CURRENT MONTH				PERIOD - TO - DATE			
	ACTUAL	EST.	DIFFERENCE		ACTUAL	EST.	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b><u>FUEL COST-NET GEN.(\$)</u></b>								
1 LIGHTER OIL (B.L.)	159,888	83,324	76,564	91.89	991,556	809,255	182,301	22.53
2 COAL	9,124,397	13,222,504	(4,098,107)	(30.99)	132,001,977	147,578,023	(15,576,046)	(10.55)
2a Coal at Scherer	1,657,828	2,884,247	(1,226,419)	(42.52)	20,367,518	29,237,463	(8,869,945)	(30.34)
2b Scherer/Flint Credit	(406,195)	(686,451)	280,256	(40.83)	(3,590,050)	(4,548,768)	958,718	(21.08)
3 GAS	9,269,855	9,309,465	(39,610)	(0.43)	119,895,389	116,479,342	3,416,047	2.93
4 GAS (B.L.)	453,566	372,938	80,628	21.62	3,824,969	4,195,860	(370,891)	(8.84)
5 LANDFILL GAS	65,366	70,774	(5,408)	(7.64)	821,866	804,231	17,635	2.19
6 OIL - C.T.	9,009	0	9,009	100.00	79,040	8,234	70,806	859.92
7 TOTAL (\$)	<u>20,333,714</u>	<u>25,256,801</u>	<u>(4,923,087)</u>	<u>(19.49)</u>	<u>274,392,265</u>	<u>294,563,640</u>	<u>(20,171,376)</u>	<u>(6.85)</u>
<b><u>SYSTEM NET GEN. (MWH)</u></b>								
8 LIGHTER OIL	0	0	0	0.00	0	0	0	0.00
9 COAL	307,265	452,889	(145,625)	(32.15)	4,183,979	4,838,418	(654,439)	(13.53)
9a Coal at Scherer	56,321	108,692	(52,371)	(48.18)	726,966	1,182,086	(455,121)	(38.50)
9b Scherer/Flint Credit	(13,601)	(25,869)	12,268	(47.42)	(127,136)	(169,369)	42,233	(24.94)
10 GAS	389,612	320,104	69,508	21.71	4,311,403	3,996,194	315,209	7.89
11 LANDFILL GAS	1,940	2,097	(157)	(7.49)	24,503	24,708	(205)	(0.83)
12 OIL - C.T.	29	0	29	100.00	221	36	185	513.89
13 TOTAL (MWH)	<u>741,565</u>	<u>857,913</u>	<u>(116,348)</u>	<u>(13.56)</u>	<u>9,119,935</u>	<u>9,872,073</u>	<u>(752,138)</u>	<u>(7.62)</u>
<b><u>UNITS OF FUEL BURNED</u></b>								
14 LIGHTER OIL (BBL)	2,114	1,190	924	77.64	12,759	11,856	904	7.62
15 COAL (TONS)	157,223	234,571	(77,348)	(32.97)	2,110,954	2,361,701	(250,747)	(10.62)
16 GAS (MCF) (1)	2,708,102	2,127,872	580,230	27.27	30,509,115	26,875,469	3,633,646	13.52
17 OIL - C.T. (BBL)	94	0	94	100.00	815	85	730	858.82
<b><u>BTU'S BURNED (MMBTU)</u></b>								
18 COAL + GAS B.L. + OIL B.L.	3,984,700	6,019,562	(2,034,862)	(33.80)	53,133,943	62,442,812	(9,308,869)	(14.91)
19 GAS - Generation (1)	2,699,470	2,170,430	529,040	24.37	30,627,780	27,412,979	3,214,801	11.73
20 OIL - C.T.	548	0	548	100.00	4,104	499	3,605	722.44
21 TOTAL (MMBTU)	<u>6,684,718</u>	<u>8,189,992</u>	<u>(1,505,274)</u>	<u>(18.38)</u>	<u>74,717,455</u>	<u>80,799,509</u>	<u>(6,082,054)</u>	<u>(7.53)</u>
<b><u>GENERATION MIX (% MWH)</u></b>								
22 LIGHTER OIL (B.L.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23 COAL	47.20	62.45	(15.25)	(24.42)	52.46	59.27	(6.81)	(11.49)
24 GAS	52.54	37.31	15.23	40.82	47.27	40.48	6.79	16.77
25 LANDFILL GAS	0.26	0.24	0.02	8.33	0.27	0.25	0.02	8.00
26 OIL - C.T.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27 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>
<b><u>FUEL COST (\$)/ UNIT</u></b>								
28 LIGHTER OIL (\$/BBL)	72.86	70.01	2.85	4.07	77.10	68.26	8.84	12.95
29 COAL (\$/TON)	58.03	56.37	1.66	2.94	62.53	62.49	0.04	0.06
30 GAS (\$/MCF) (1)	3.52	4.48	(0.96)	(21.43)	3.99	4.40	(0.41)	(9.32)
31 OIL - C.T. (\$/BBL)	95.84	0.00	95.84	100.00	96.98	96.87	0.11	0.11
<b><u>FUEL COST (\$)/ MMBTU</u></b>								
32 COAL + GAS B.L. + OIL B.L.	2.76	2.64	0.12	4.55	2.89	2.84	0.05	1.76
33 GAS - Generation (1)	3.37	4.22	(0.85)	(20.14)	3.85	4.16	(0.31)	(7.45)
34 OIL - C.T.	16.45	0.00	16.45	100.00	19.26	16.50	2.76	16.73
35 TOTAL (\$/MMBTU)	<u>3.01</u>	<u>3.06</u>	<u>(0.05)</u>	<u>(1.63)</u>	<u>3.63</u>	<u>3.61</u>	<u>0.02</u>	<u>0.55</u>
<b><u>BTU BURNED / KWH</u></b>								
36 COAL + GAS B.L. + OIL B.L.	11,385	11,237	148	1.32	11,107	10,672	435	4.08
37 GAS - Generation (1)	7,047	6,904	143	2.07	7,225	7,002	223	3.18
38 OIL - C.T.	18,884	0	18,884	100.00	18,572	13,861	4,711	33.99
39 TOTAL (BTU/KWH)	<u>9,118</u>	<u>9,634</u>	<u>(516)</u>	<u>(5.36)</u>	<u>8,280</u>	<u>8,274</u>	<u>6</u>	<u>0.07</u>
<b><u>FUEL COST (¢ / KWH)</u></b>								
40 COAL + GAS B.L. + OIL B.L.	3.14	2.96	0.18	6.08	3.21	3.03	0.18	5.94
41 GAS	2.38	2.91	(0.53)	(18.21)	2.78	2.91	(0.13)	(4.47)
42 LANDFILL GAS	3.37	3.38	(0.01)	(0.30)	3.35	3.25	0.10	3.08
43 OIL - C.T.	31.07	0.00	31.07	100.00	35.76	22.87	12.89	56.36
44 TOTAL (¢/KWH)	<u>2.74</u>	<u>2.94</u>	<u>(0.20)</u>	<u>(6.80)</u>	<u>3.01</u>	<u>2.98</u>	<u>0.03</u>	<u>1.01</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 2017

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWH)	(d) Cap. Factor (%)	(e) Equiv. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (BTU/KWH)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Heat Value (BTU/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBTU)	(l) Fuel Burned Cost (\$)	(m) Fuel Cost/ KWH (¢/KWH)	(n) Fuel Cost/ Unit (\$/Unit)
1	Crist 4	75	17,833	32.0	100.0	61.4	10,768	Coal	8,463	11,346	192,031	495,295	2.78	58.52
2			0					Gas-G	0	1,022	0	0	0.00	0.00
3								Gas-S	11,025	1,022	11,268	77,555	0.00	7.03
4								Oil-S	143	138,500	830	10,002		69.94
5	Crist 5	75	14,029	25.1	100.0	52.6	10,873	Coal	6,682	11,414	152,531	391,071	2.79	58.53
6			0					Gas-G	0	1,022	0	0	0.00	0.00
7								Gas-S	38,148	1,022	38,989	268,342	0.00	7.03
8								Oil-S	156	138,500	909	10,959		70.11
9	Crist 6	299	106,505	47.9	68.1	70.3	10,112	Coal	47,593	11,314	1,076,965	2,785,613	2.62	58.53
10			0					Gas-G	0	1,022	0	0	0.00	0.00
11								Gas-S	4,390	1,022	4,487	30,884	7.04	7.04
12								Oil-S	2	138,500	11	137		68.50
13	Crist 7	475	121,329	34.3	53.0	61.4	11,635	Coal	62,306	11,328	1,411,603	3,646,656	3.01	58.53
14			0					Gas-G	0	1,022	0	0	0.00	0.00
15								Gas-S	10,915	1,022	11,156	76,784	0.00	7.03
16								Oil-S	223	138,500	1,296	15,618		70.04
17	Smith 3	605	383,086	85.1	97.7	95.4	7,047	Gas-G	2,643,624	1,021	2,699,470	9,091,554	2.37	3.44
18	Smith A	40	29	0.1	98.2	68.0	18,884	Oil	94	138,500	548	9,009	31.07	95.84
19	Scherer 3	214	56,321	35.4	95.3	53.8	11,201	Coal		6,843	630,874	1,657,828	2.94	0.00
20								Oil	295	140,150	1,739	24,210	0.00	82.07
21	Scherer/Flint Credit	(52)	(13,601)	N/A	N/A	N/A	N/A	Coal	(71)	N/A	(152,350)	(400,349)	N/A	N/A
22	Other Generation		6,526					Oil		N/A	(420)	(5,846)	N/A	N/A
23	Perdido		1,940					Gas			178,302	178,302	2.73	0.00
24	Daniel 1	251	18,667	10.0	95.9	27.7	12,931	Landfill Gas			65,366	65,366	3.37	0.00
25	Daniel 2	251	28,902	15.5	88.9	31.0	12,230	Coal	12,800	9,429	241,376	702,243	3.76	54.86
26								Oil-S	774	138,500	4,502	56,061		72.43
27	Daniel 2	251	28,902	15.5	88.9	31.0	12,230	Coal	19,379	9,120	353,458	1,063,226	3.68	54.86
28								Oil-S	592	138,500	3,445	42,902		72.47
29	Total	2,233	741,565	44.6	85.2	65.1	9,118				6,684,718	20,293,422	2.74	

Units	\$	cents/kwh
N/A	Daniel Railcar Track Deprec.	(4,022)
	Daniel Coal Additive	44,314
	Recoverable Fuel	20,333,714
		2.74

Notes & Adjust.:  
 (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 service  
 Gas-G is gas used for generation; Gas-S is gas used for starter

SYSTEM GENERATED FUEL COST - INVENTORY ANALYSIS  
GULF POWER COMPANY  
FOR THE MONTH OF: DECEMBER 2017

	CURRENT MONTH				PERIOD-TO-DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
<b><u>LIGHT OIL</u></b>								
1 PURCHASES :								
2 UNITS (BBL)	1,248	1,193	55	4.61	14,807	11,519	3,288	28.54
3 UNIT COST (\$/BBL)	81.67	70.43	11.24	15.96	72.57	69.54	3.03	4.36
4 AMOUNT (\$)	101,921	84,025	17,896	21.30	1,074,532	801,086	273,446	34.13
5 BURNED :								
6 UNITS (BBL)	2,153	1,190	963	80.91	14,648	11,856	2,792	23.55
7 UNIT COST (\$/BBL)	73.00	70.01	2.99	4.27	69.99	68.26	1.73	2.53
8 AMOUNT (\$)	157,160	83,324	73,836	88.61	1,025,144	809,255	215,889	26.68
9 ENDING INVENTORY :								
10 UNITS (BBL)	4,728	6,796	(2,068)	(30.43)	4,728	6,796	(2,068)	(30.43)
11 UNIT COST (\$/BBL)	73.32	68.70	4.62	7	73.32	68.70	4.62	6.72
12 AMOUNT (\$)	346,674	466,895	(120,221)	(25.75)	346,674	466,895	(120,221)	(25.75)
13 DAYS SUPPLY	N/A	N/A						
<b><u>COAL EXCLUDING PLANT SCHERER</u></b>								
14 PURCHASES :								
15 UNITS (TONS)	142,912	231,308	(88,396)	(38.22)	1,970,774	2,267,491	(296,717)	(13.09)
16 UNIT COST (\$/TON)	55.48	55.09	0.39	0.71	60.87	59.36	1.51	2.54
17 AMOUNT (\$)	7,928,667	12,742,886	(4,814,219)	(37.78)	119,969,931	134,595,151	(14,625,220)	(10.87)
18 BURNED :								
19 UNITS (TONS)	157,223	234,571	(77,348)	(32.97)	2,110,954	2,361,701	(250,747)	(10.62)
20 UNIT COST (\$/TON)	57.78	56.37	1.41	2.50	62.36	62.49	(0.13)	(0.21)
21 AMOUNT (\$)	9,084,105	13,222,504	(4,138,399)	(31.30)	131,645,466	147,578,023	(15,932,557)	(10.80)
22 ENDING INVENTORY :								
23 UNITS (TONS)	394,013	480,226	(86,213)	(17.95)	394,013	480,226	(86,213)	(17.95)
24 UNIT COST (\$/TON)	56.73	56.94	(0.21)	(0.37)	56.73	56.94	(0.21)	(0.37)
25 AMOUNT (\$)	22,352,529	27,344,385	(4,991,856)	(18.26)	22,352,529	27,344,385	(4,991,856)	(18.26)
26 DAYS SUPPLY	24	29	(5)	(17.24)				
<b><u>COAL AT PLANT SCHERER</u></b>								
27 PURCHASES :								
28 UNITS (MMBTU)	787,234	1,144,685	(357,451)	(31.23)	7,387,437	9,517,630	(2,130,193)	(22.38)
29 UNIT COST (\$/MMBTU)	2.48	2.42	0.06	2.48	2.55	2.44	0.11	4.51
30 AMOUNT (\$)	1,953,698	2,766,089	(812,391)	(29.37)	18,802,090	23,196,904	(4,394,814)	(18.95)
31 BURNED :								
32 UNITS (MMBTU)	630,874	1,175,068	(544,194)	(46.31)	6,978,328	10,487,939	(3,509,611)	(33.46)
33 UNIT COST (\$/MMBTU)	2.51	2.45	0.06	2.45	2.59	2.49	0.10	4.02
34 AMOUNT (\$)	1,583,325	2,884,247	(1,300,922)	(45.10)	18,088,315	26,126,243	(8,037,928)	(30.77)
35 ENDING INVENTORY :								
36 UNITS (MMBTU)	3,497,122	1,261,028	2,236,094	177.32	3,497,122	1,261,028	2,236,094	177.32
37 UNIT COST (\$/MMBTU)	2.51	2.51	0.00	0.00	2.51	2.51	0.00	0.00
38 AMOUNT (\$)	8,776,717	3,171,240	5,605,477	176.76	8,776,717	3,171,240	5,605,477	176.76
39 DAYS SUPPLY	65	24	41	170.83				
<b><u>GAS</u></b> (Reported on a MMBTU and \$ basis)								
40 PURCHASES :								
41 UNITS (MMBTU)	2,756,874	2,170,430	586,444	27.02	30,941,415	27,412,979	3,528,436	12.87
42 UNIT COST (\$/MMBTU)	3.37	4.22	(0.85)	(20.14)	3.87	4.16	(0.29)	(6.97)
43 AMOUNT (\$)	9,278,172	9,153,128	125,044	1.37	119,785,777	114,114,712	5,671,065	4.97
44 BURNED :								
45 UNITS (MMBTU)	2,765,370	2,170,430	594,940	27.41	31,218,996	27,412,979	3,806,017	13.88
46 UNIT COST (\$/MMBTU)	3.45	4.22	(0.77)	(18.25)	3.89	4.16	(0.27)	(6.49)
47 AMOUNT (\$)	9,545,119	9,153,128	391,991	4.28	121,536,483	114,114,712	7,421,771	6.50
48 ENDING INVENTORY :								
48 UNITS (MMBTU)	838,472	0	838,472	100.00	838,472	0	838,472	100.00
50 UNIT COST (\$/MMBTU)	3.37	0.00	3.37	100.00	3.37	0.00	3.37	100.00
51 AMOUNT (\$)	2,823,893	0	2,823,893	100.00	2,823,893	0	2,823,893	100.00

SYSTEM GENERATED FUEL COST - INVENTORY ANALYSIS  
GULF POWER COMPANY  
FOR THE MONTH OF: DECEMBER 2017

	CURRENT MONTH				PERIOD-TO-DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
<u>OTHER - C.T. OIL</u>								
52 PURCHASES :								
53 UNITS (BBL) *	0	0	0	0.00	530	0	530	100.00
54 UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	69.58	0.00	70.00	100.00
55 AMOUNT (\$)	0	0	0	0.00	36,877	85	36,792	43,284.71
56 BURNED :								
57 UNITS (BBL)	94	0	94	100.00	815	97	718	743.50
58 UNIT COST (\$/BBL)	95.84	0.00	95.84	100.00	96.98	85.26	11.72	13.75
59 AMOUNT (\$)	9,009	0	9,009	100.00	79,041	8,234	70,807	859.93
60 ENDING INVENTORY :								
61 UNITS (BBL)	6,636	6,740	(104)	(1.54)	6,636	6,740	(104)	(1.54)
62 UNIT COST (\$/BBL)	95.70	95.68	0.02	0.02	95.70	95.68	0.02	0.02
63 AMOUNT (\$)	635,047	644,831	(9,784)	(1.52)	635,047	644,831	(9,784)	(1.52)
64 HOURS SUPPLY	75	76	(1)	(1.32)				

POWER SOLD  
GULF POWER COMPANY  
FOR THE MONTH OF: DECEMBER 2017

CURRENT MONTH								
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)
SOLD TO	TYPE AND SCHEDULE	TOTAL KWH SOLD	KWH WHEELED FROM OTHER SYSTEMS	KWH FROM OWN GENERATION	(a) FUEL COST	(b) TOTAL COST	(5) x (6)(a) TOTAL \$ FOR FUEL ADJ.	(5) x (6)(b) TOTAL COST \$
<i>ESTIMATED</i>								
1	Southern Company Interchange	277,206,600	0	277,206,600	2.37	2.92	6,569,200	8,095,200
2	Various Economy Sales	8,098,200	0	8,098,200	2.35	2.71	190,400	219,600
3	Gain on Econ. Sales	0	0	0	0.00	0.00	16,000	20,000
4	<b>TOTAL ESTIMATED SALES</b>	<b>285,304,800</b>	<b>0</b>	<b>285,304,800</b>	<b>2.37</b>	<b>2.92</b>	<b>6,775,600</b>	<b>8,334,800</b>
<i>ACTUAL</i>								
5	Southern Company Interchange	410,328,128	0	410,328,128	2.41	2.61	9,873,096	10,724,397
6	A.E.C. External	1,392,455	0	1,392,455	2.30	3.12	32,042	43,380
7	CARGILE External	0	0	0	0.00	0.00	0	0
8	DUKE PWR External	0	0	0	0.00	0.00	0	0
9	EAGLE EN External	549,669	0	549,669	2.61	3.37	14,349	18,520
10	ENDURE External	27,621	0	27,621	2.63	3.82	726	1,056
11	EXELON External	196,130	0	196,130	2.69	3.35	5,283	6,580
12	FPC External	0	0	0	0.00	0.00	0	0
13	FPL External	0	0	0	0.00	0.00	0	0
14	MACQUARI External	67,950	0	67,950	2.39	3.53	1,625	2,402
15	MERCURIA External	196,416	0	196,416	2.84	3.75	5,582	7,366
16	MISO External	696,511	0	696,511	2.06	2.83	14,330	19,742
17	MORGAN External	551,702	0	551,702	2.69	3.28	14,867	18,082
18	NCEMC External	81,590	0	81,590	2.31	3.29	1,886	2,682
19	NCMPA1 External	0	0	0	0.00	0.00	0	0
20	OPC External	31,308	0	31,308	2.81	3.83	881	1,200
21	ORLANDO External	104,114	0	104,114	2.70	3.56	2,811	3,706
22	PJM External	71,574	0	71,574	2.40	4.56	1,717	3,266
23	REMC External	54,383	0	54,383	2.25	3.40	1,223	1,849
24	SCE&G External	194,113	0	194,113	2.28	4.19	4,434	8,137
25	SEC External	15,961	0	15,961	2.14	2.98	341	476
26	SEPA External	1,462,783	0	1,462,783	2.23	3.48	32,592	50,893
27	TAL External	22,409	0	22,409	2.79	4.07	624	912
28	TEA External	1,969,805	0	1,969,805	2.21	2.94	43,548	57,890
29	TECO External	0	0	0	0.00	0.00	0	0
30	TENASKA External	0	0	0	0.00	0.00	0	0
31	TVA External	236,462	0	236,462	2.61	3.49	6,164	8,241
32	WRI External	74,951	0	74,951	2.36	3.69	1,773	2,765
33	Less: Flow-Thru Energy	(7,997,907)	0	(7,997,907)	2.34	2.34	(186,798)	(186,798)
34	SEPA	1,104,488	1,104,488	0	0.00	0.00	0	0
35	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	26,740	33,425
36	Other transactions including adj.	<u>174,912,952</u>	<u>56,600,123</u>	<u>118,312,829</u>	0.00	0.00	<u>0</u>	<u>0</u>
37	<b>TOTAL ACTUAL SALES</b>	<b>586,345,568</b>	<b>57,704,611</b>	<b>528,640,957</b>	<b>1.69</b>	<b>1.84</b>	<b>9,899,836</b>	<b>10,796,744</b>
38	Difference in Amount	301,040,768	57,704,611	243,336,157	(0.68)	(1.08)	3,124,236	2,461,944
39	Difference in Percent	105.52	0.00	85.29	(28.69)	(36.99)	46.11	29.54

Note: (1) Economy Sales Gains in column 8 are included in the total cost for each counterparty and are not included as depicted on line 35

POWER SOLD  
GULF POWER COMPANY  
FOR THE MONTH OF: DECEMBER 2017

PERIOD TO DATE								
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)
SOLD TO	TYPE AND SCHEDULE	TOTAL KWH SOLD	KWH WHEELED FROM OTHER SYSTEMS	KWH FROM OWN GENERATION	¢ / KWH		TOTAL \$ FOR FUEL ADJ.	TOTAL COST \$
					FUEL COST	TOTAL COST		
<i>ESTIMATED</i>								
1	Southern Company Interchange	4,493,290,000	0	4,493,290,000	2.71	3.20	121,930,000	143,563,300
2	Various Economy Sales	116,108,500	0	116,108,500	2.49	2.96	2,886,100	3,441,200
3	Gain on Econ. Sales	0	0	0	0.00	0.00	361,400	391,000
4	TOTAL ESTIMATED SALES	<u>4,609,398,500</u>	<u>0</u>	<u>4,609,398,500</u>	<u>2.72</u>	<u>3.20</u>	<u>125,177,500</u>	<u>147,395,500</u>
<i>ACTUAL</i>								
5	Southern Company Interchange	3,886,911,269	0	3,886,911,269	2.53	2.78	98,489,459	107,924,608
6	A.E.C. External	4,946,227	0	4,946,227	2.61	3.34	129,302	165,109
7	CARGILE External	112,342,200	0	112,342,200	2.13	3.37	2,393,466	3,783,788
8	DUKE PWR External	196,442	0	196,442	3.13	4.95	6,150	9,715
9	EAGLE EN External	6,035,351	0	6,035,351	4.69	3.32	283,342	200,520
10	ENDURE External	174,511	0	174,511	2.94	4.39	5,129	7,657
11	EXELON External	1,744,510	0	1,744,510	7.05	3.19	122,949	55,583
12	FPC External	1,293,719	0	1,293,719	2.77	4.09	35,853	52,928
13	FPL External	4,409,614	0	4,409,614	3.06	4.34	134,825	191,419
14	MACQUARI External	82,128	0	82,128	2.46	3.45	2,021	2,830
15	MERCURIA External	32,998,012	0	32,998,012	2.23	3.77	737,319	1,245,621
16	MISO External	14,792,868	0	14,792,868	2.49	3.27	368,535	484,097
17	MORGAN External	4,862,359	0	4,862,359	2.50	3.21	121,660	155,976
18	NCMC External	241,148	0	241,148	2.57	3.40	6,192	8,200
19	NCMPA1 External	12,584	0	12,584	1.89	2.54	237	320
20	OPC External	823,514	0	823,514	2.78	3.86	22,912	31,816
21	ORLANDO External	1,660,311	0	1,660,311	2.97	4.29	49,315	71,153
22	PJM External	3,558,961	0	3,558,961	2.41	3.52	85,902	125,250
23	REMC External	121,901	0	121,901	5.58	3.73	6,804	4,551
24	SCE&G External	788,638	0	788,638	2.80	4.72	22,116	37,200
25	SEC External	4,531,962	0	4,531,962	3.09	4.08	140,057	184,687
26	SEPA External	26,546,733	0	26,546,733	2.31	3.03	612,953	804,950
27	TAL External	774,257	0	774,257	2.60	3.65	20,146	28,229
28	TEA External	19,129,269	0	19,129,269	2.42	3.03	463,783	579,495
29	TECO External	1,585,450	0	1,585,450	3.32	4.98	52,569	79,025
30	TENASKA External	18,168	0	18,168	12.96	6.00	2,355	1,090
31	TVA External	5,551,715	0	5,551,715	2.88	3.94	159,854	218,785
32	WRI External	1,450,714	0	1,450,714	2.66	3.50	38,517	50,727
33	Less: Flow-Thru Energy	(109,162,266)	0	(109,162,266)	2.52	2.52	(2,748,745)	(2,748,745)
34	SEPA	11,967,384	11,967,384	0	0.00	0.00	0	0
35	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	1,765,581	1,988,936
36	Other transactions including adj.	<u>1,619,101,645</u>	<u>883,534,005</u>	<u>735,567,640</u>	0.00	0.00	0	0
37	TOTAL ACTUAL SALES	<u>5,659,491,298</u>	<u>895,501,389</u>	<u>4,763,989,909</u>	<u>1.83</u>	<u>2.01</u>	<u>103,530,543</u>	<u>113,756,582</u>
38	Difference in Amount	1,050,092,798	895,501,389	154,591,409	(0.89)	(1.19)	(21,646,957)	(33,638,918)
39	Difference in Percent	22.78	0.00	3.35	(32.72)	(37.19)	(17.29)	(22.82)

Note: (1) Economy Sales Gains in column 8 are included in the total cost for each counterparty and are not included as depicted on line 35

SCHEDULE A-7

PURCHASED POWER  
 GULF POWER COMPANY  
 (EXCLUSIVE OF ECONOMY ENERGY PURCHASES)  
 FOR THE MONTH OF: DECEMBER 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURCHASED FROM	TYPE & SCHEDULE	TOTAL KWH PURCHASED	KWH FOR OTHER UTILITIES	KWH FOR INTERRUPTIBLE	KWH FOR FIRM	(A) FUEL COST φ / KWH	(B) TOTAL COST TOTAL \$ FOR FUEL ADJ. (6)x(7)(a)

ESTIMATED:

NONE

ACTUAL:

NONE

SCHEDULE A-8

ENERGY PAYMENT TO QUALIFIED FACILITIES  
 GULF POWER COMPANY  
 FOR THE MONTH OF: DECEMBER 2017

(1)	(2)	CURRENT MONTH				(7)		(8)
		(3)	(4)	(5)	(6)	(A)	(B)	
PURCHASED FROM:	SCHEDULE	TOTAL KWH PURCHASED	KWH FOR OTHER UTILITIES	KWH FOR INTERRUPTIBLE	KWH FOR FIRM	FUEL COST	TOTAL COST	TOTAL \$ FOR FUEL ADJ.
<i>ACTUAL</i>								
1 Bay County/Engen, LLC	Contract	4,929,000	0	0	0	3.11	3.11	153,482
2 Renewable Energy Customers	COG 1	0	0	0	0	0.00	0.00	6,979
3 Ascend Performance Materials	COG 1	17,614,864	0	0	0	2.44	2.44	430,580
4 International Paper	COG 1	56,063	0	0	0	2.66	2.66	1,490
5 TOTAL		22,599,927	0	0	0	2.62	2.62	592,531

(1)	(2)	PERIOD-TO-DATE				(7)		(8)
		(3)	(4)	(5)	(6)	(A)	(B)	
PURCHASED FROM:	SCHEDULE	TOTAL KWH PURCHASED	KWH FOR OTHER UTILITIES	KWH FOR INTERRUPTIBLE	KWH FOR FIRM	FUEL COST	TOTAL COST	TOTAL \$ FOR FUEL ADJ.
<i>ACTUAL</i>								
1 Bay County/Engen, LLC	Contract	61,894,000	0	0	0	3.34	3.34	2,065,988
2 Renewable Energy Customers	COG 1	0	0	0	0	0.00	0.00	7,404
3 Ascend Performance Materials	COG 1	185,399,053	0	0	0	2.61	2.61	4,835,579
4 International Paper	COG 1	2,321,984	0	0	0	2.49	2.49	57,861
5 TOTAL		249,615,037	0	0	0	2.79	2.79	6,966,833



**SCHEDULE A-9**

**ECONOMY ENERGY PURCHASES  
INCLUDING LONG TERM PURCHASES  
GULF POWER COMPANY  
FOR THE MONTH OF: DECEMBER 2017**

	(1) PURCHASED FROM	CURRENT MONTH			PERIOD - TO - DATE		
		(2) TOTAL KWH PURCHASED	(3) TRANS. COST ¢ / KWH	(4) TOTAL \$ FOR FUEL ADJ.	(5) TOTAL KWH PURCHASED	(6) TRANS. COST ¢ / KWH	(7) TOTAL \$ FOR FUEL ADJ.
<i>ESTIMATED</i>							
1	Southern Company Interchange	51,203,000	2.57	1,315,800	448,530,000	2.67	11,976,100
2	Economy Energy	268,054,000	3.77	10,107,000	3,169,093,000	3.30	104,737,000
3	Other Purchases	0	0.00	0	2,906,013,000	3.24	94,031,000
4	TOTAL ESTIMATED PURCHASES	<u>319,257,000</u>	<u>3.58</u>	<u>11,422,800</u>	<u>6,523,636,000</u>	<u>3.23</u>	<u>210,744,100</u>
<i>ACTUAL</i>							
5	Southern Company Interchange	20,126,562	2.20	443,452	509,376,326	2.89	14,743,536
6	Non-Associated Companies	57,014,233	1.05	601,171	641,702,967	0.81	5,185,539
7	Purchased Power Agreements	445,032,000	2.71	12,055,918	4,671,300,000	2.84	132,816,058
8	Renewable Energy Purchase Agreements	88,628,800	2.69	2,388,302	1,128,085,352	3.37	38,043,064
9	Other Wheeled Energy	122,045,772	0.00	N/A	881,582,847	0.00	N/A
10	Other Transactions	17,397,649	0.03	5,961	269,827,985	0.05	130,110
11	Less: Flow-Thru Energy	<u>(7,997,907)</u>	<u>2.57</u>	<u>(205,473)</u>	<u>(109,162,266)</u>	<u>2.74</u>	<u>(2,995,186)</u>
12	TOTAL ACTUAL PURCHASES	<u>742,247,109</u>	<u>2.06</u>	<u>15,289,331</u>	<u>7,992,713,211</u>	<u>2.35</u>	<u>187,923,120</u>
13	Difference in Amount	422,990,109	(1.52)	3,866,531	1,469,077,211	(0.88)	(22,820,980)
14	Difference in Percent	132.49	(42.46)	33.85	22.52	(27.24)	(10.83)

2017 CAPACITY CONTRACTS  
GULF POWER COMPANY

Capacity Costs (\$)

A. CONTRACT/COUNTERPARTY	CONTRACT TYPE	TERM Start	TERM End	January	February	March	April	May	June	July	August	September	October	November	December	YTD	
																	2/18/2007
1 Southern Intercompany Interchange	SES Opco	2/18/2007	5 Yr Notice	795	0	0	0	0	0	0	0	0	0	0	0	0	795
2 Power Purchase Agreements & Other Confidential Agreements				7,214,609	7,214,609	7,214,609	7,214,609	7,244,205	7,185,013	7,199,534	7,197,693	7,197,693	7,183,780	7,194,215	7,194,215	7,194,215	86,454,784
<b>Total</b>				7,215,404	7,214,609	7,214,609	7,214,609	7,244,205	7,185,013	7,199,534	7,197,693	7,197,693	7,183,780	7,194,215	7,194,215	7,194,215	86,455,579

Capacity Costs (MW)

B. CONTRACT/COUNTERPARTY	CONTRACT TYPE	TERM Start	TERM End	January	February	March	April	May	June	July	August	September	October	November	December	YTD	
																	2/18/2007
1 Southern Intercompany Interchange	SES Opco	2/18/2007	5 Yr Notice	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 Power Purchase Agreements & Other Confidential Agreements				Varies	Varies	Varies	Varies	Varies	Varies	Varies	Varies	Varies	Varies	Varies	Varies	Varies	Varies

<b>Acronym</b>	<b>Definition</b>
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

## A-6 Counterparties

<b>Party</b>	<b>Name</b>
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.: **20180001-EI**

**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true copy of the foregoing was furnished by electronic mail this 22nd day of January, 2018 to the following:

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