



Rhonda J. Alexander
Manager
Regulatory, Forecasting & Pricing

One Energy Place
Pensacola, FL 32520-0780
850 444 6743 tel
850 444 6026 fax
rjalexad@southernco.com

December 20, 2017

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

Re: Docket No. 20170001-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 November 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. 20170001-EI

MONTHLY FUEL FILING

November 2017



Gulf Power

SCHEDULE A1a

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

<u>LINE</u>	<u>DESCRIPTION</u>	<u>REFERENCE</u>	<u>AMOUNT</u>
1	Fuel Cost of System Net Generation	Schedule A-3	\$ 19,312,889
2	Scherer/Flint Credit	Schedule A-3, Line 2b	\$ (479,691)
3	Adjustments to Fuel Cost	Schedule A-2, Line A-7	\$ 22
4	Hedging Settlement Costs	Schedule A-2, Line A-5	\$ 2,662,970
5	Fuel Cost of Purchased Power	Schedule A-7	\$ -
6	Energy Cost of Economy Purchases	Sch. A-9, Col. 4, Line 12	\$ 19,429,270
7	Demand & Non Fuel Cost of Purchased Power	Schedule A-9	\$ -
8	Energy Payments to Qualified Facilities	Sch. A-8, Col. 8, Line 6	\$ 594,466
9	Fuel Cost of Power Sold	Sch. A-6, Col. 7	<u>\$ (13,351,872)</u>
10	Total Fuel and Net Power Transactions		<u>\$ 28,168,055</u>

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

	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)	19,312,889	23,059,503	(3,746,614)	(16.25)	673,912,101	782,045,000	(108,132,899)	(13.83)	2,8658	2,9486	(0.08)	(2.81)
1a Hedging Settlement Costs (A2)	2,662,970	1,665,050	997,920	59.93	0	0	0	0.00	#N/A	#N/A	#N/A	#N/A
1b Scherer/Flint Credit	(479,691)	(740,470)	260,779	(35.22)	(17,190,484)	(27,791,000)	10,600,516	(38.14)	0.0000	0.0000	0.00	0.00
2 Adjustments to Fuel Cost (A2, Page 1) **	22	0	22	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
3 TOTAL COST OF GENERATED POWER	21,496,190	23,984,083	(2,487,893)	(10.37)	656,721,617	754,254,000	(97,532,383)	(12.93)	3,2733	3,1798	0.09	2.94
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)	19,429,270	19,464,500	(35,230)	(0.18)	776,709,712	595,890,200	180,819,512	30.34	2,5015	3,2665	(0.77)	(23.42)
6 Energy Payments to Qualifying Facilities (A8)	594,466.00	0	594,466	100.00	21,384,311	0	21,384,311	100.00	2,7799	0.0000	2.78	0.00
7 TOTAL COST OF PURCHASED POWER	20,023,736	19,464,500	559,236	2.87	798,094,023	595,890,200	202,203,823	33.93	2,5089	3,2665	(0.76)	(23.19)
8 Total Available MWH (Line 3 + Line 7)	41,519,927	43,448,583	(1,928,656)	(4.44)	1,454,815,640	1,350,144,200	104,671,440	7.75	(2,3409)	(2,3915)	0.05	2.12
9 Fuel Cost of Economy Sales (A6)	(109,930)	(107,700)	(2,230)	2.07	(4,696,130)	(4,503,400)	(192,730)	4.28	#N/A	#N/A	#N/A	#N/A
10 Gain on Economy Sales (A6)	(12,340)	(12,000)	(340)	2.83	0	0	0	0.00	(1,9332)	(2,4557)	0.52	21.28
11 Fuel Cost of Other Power Sales (A6)	(13,229,802)	(13,429,100)	199,498	(1.49)	(684,339,427)	(546,860,500)	(137,478,927)	25.14	(1,9378)	(2,4573)	0.52	21.14
12 TOTAL FUEL COSTS & GAINS OF POWER SALES (LINES 9 + 10 + 11)	(13,351,872)	(13,548,800)	196,928	(1.45)	(689,035,557)	(551,363,900)	(137,671,657)	24.97	3,6783	3,7432	(0.06)	(1.73)
13 TOTAL FUEL & NET POWER TRANSACTIONS (LINES 3 + 7 + 12)	28,168,055	29,899,783	(1,731,728)	(5.79)	765,780,083	798,780,300	(33,000,217)	(4.13)	3,6783	3,7432	(0.06)	(1.73)
14 Company Use *	40,478	45,480	(5,002)	(11.00)	1,100,446	1,215,000	(114,554)	(9.43)	3,6783	3,7432	(0.06)	(1.73)
15 T & D Losses *	783,469	1,475,131	(691,662)	(46.89)	21,299,762	39,408,300	(18,108,539)	(45.95)	3,6783	3,7432	(0.06)	(1.73)
16 TERRITORIAL KWH SALES	28,168,055	29,899,783	(1,731,728)	(5.79)	743,379,875	768,157,000	(14,777,125)	(1.95)	3,7892	3,9437	(0.15)	(3.92)
17 Wholesale KWH Sales	835,719	916,129	(80,410)	(8.78)	22,055,256	23,230,000	(1,174,744)	(5.06)	3,7892	3,9437	(0.15)	(3.92)
18 Jurisdictional KWH Sales	27,332,336	28,983,654	(1,651,318)	(5.70)	721,324,619	734,927,000	(13,602,381)	(1.85)	1,0012	1,0012	0.00	0.00
19 Jurisdictional Loss Multiplier	1,0012	1,0012	0	0.00	721,324,619	734,927,000	(13,602,381)	(1.85)	3,7937	3,9485	(0.15)	(3.92)
20 Jurisdictional KWH Sales Adj. for Line Losses	27,365,135	29,018,434	(1,653,299)	(5.70)	721,324,619	734,927,000	(13,602,381)	(1.85)	(0,3011)	(0,2955)	(0.01)	1.90
21 TRUE-UP	(2,171,651)	(2,171,651)	0	0.00	721,324,619	734,927,000	(13,602,381)	(1.85)	3,4926	3,6530	(0.16)	(4.39)
22 TOTAL JURISDICTIONAL FUEL COST	25,193,484	26,846,783	(1,653,299)	(6.16)	721,324,619	734,927,000	(13,602,381)	(1.85)	1,00072	1,00072	0.00	0.00
23 Revenue Tax Factor	(3,809)	(3,809)	0	0.00	721,324,619	734,927,000	(13,602,381)	(1.85)	3,4951	3,6556	(0.16)	(4.39)
24 Fuel Factor Adjusted for Revenue Taxes									(0,0005)	(0,0005)	0.00	0.00
25 GPIF Reward / (Penalty)									3,4946	3,6551	(0.16)	(4.39)
26 Fuel Factor Adjusted for GPIF Reward / (Penalty)									3,495	3,655	(0.16)	(4.39)
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
NOVEMBER 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)	257,242,406	273,169,156	(15,926,750)	(5.83)	8,491,905,631	9,157,660,000	(665,754,369)	(7.27)	3.0293	2.9830	0.05	1.55
1a Hedging Settlement Costs (A2)	22,351,512	9,458,310	12,893,202	136.32	0	0	0	0.00	#N/A	#N/A	#N/A	#N/A
1b Scherer/Flint Credit	(3,183,855)	(3,862,317)	678,462	(17.57)	(113,535,338)	(143,500,000)	29,964,662	(20.88)	0.0000	0.0000	0.00	0.00
2 Adjustments to Fuel Cost (A2, Page 1) **	6,509	0	6,509	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
3 TOTAL COST OF GENERATED POWER	276,416,572	278,765,149	(2,348,577)	(0.84)	8,378,370,283	9,014,160,000	(635,789,707)	(7.05)	3.2992	3.0925	0.21	6.68
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)	172,633,789	199,321,300	(26,687,511)	(13.39)	7,250,466,102	6,204,379,000	1,046,087,102	18.86	2.3810	3.2126	(0.83)	(25.89)
6 Energy Payments to Qualifying Facilities (A8)	6,374,302	2,457,000	3,917,302	159.43	227,015,110	92,411,000	134,604,110	145.66	2.8079	2.6588	0.15	5.61
7 TOTAL COST OF PURCHASED POWER	179,008,091	201,778,300	(22,770,209)	(11.28)	7,477,481,212	6,296,790,000	1,180,691,212	18.75	2.3940	3.2045	(0.81)	(25.29)
8 Total Available MWH (Line 5 + Line 12)	455,424,663	480,543,449	(25,118,786)	(5.23)	15,855,851,505	15,310,950,000	544,901,505	3.56	(2,4055)	(2,4958)	0.09	3.62
9 Fuel Cost of Economy Sales (A6)	(5,837,450)	(2,695,700)	(3,141,750)	116.55	(242,675,359)	(108,010,300)	(134,665,059)	124.68	#N/A	#N/A	#N/A	#N/A
10 Gain on Economy Sales (A6)	(1,738,842)	(345,400)	(1,393,442)	403.43	0	0	0	0.00	(1,7815)	(2,7362)	0.95	34.89
11 Fuel Cost of Other Power Sales (A6)	(86,054,415)	(115,360,900)	29,306,385	(25.40)	(4,830,470,371)	(4,216,083,400)	(614,386,971)	14.57	(1,8456)	(2,7382)	0.89	32.60
12 TOTAL FUEL COSTS & GAINS OF POWER SALES (LINES 14 + 15 + 16)	(93,630,708)	(118,401,900)	24,771,192	(20.92)	(5,073,145,730)	(4,324,093,700)	(749,052,030)	17.32	3,3553	3,2961	0.06	1.80
13 TOTAL FUEL & NET POWER TRANSACTIONS (LINES 5 + 12 + 17)	361,793,956	362,141,549	(347,593)	(0.10)	10,782,705,775	10,986,856,300	(204,150,525)	(1.86)	3,3553	3,2961	0.06	1.80
14 Company Use *	441,433	552,890	(111,257)	(20.13)	13,156,295	16,768,000	(3,611,705)	(21.54)	3,3553	3,2961	0.06	1.80
15 T & D Losses *	17,945,510	18,039,367	(93,857)	(0.52)	534,840,703	547,294,300	(12,453,598)	(2.28)	3,3550	3,4745	0.06	1.74
16 TERRITORIAL KWH SALES	361,793,956	362,141,549	(347,593)	(0.10)	10,234,708,778	10,422,794,000	(188,085,222)	(1.80)	3,5389	3,4752	0.06	1.83
17 Wholesale KWH Sales	9,931,465	10,554,292	(622,827)	(5.90)	280,639,827	303,706,000	(23,066,173)	(7.59)	3,5349	3,4745	0.06	1.74
18 Jurisdictional KWH Sales	351,862,491	351,587,257	275,234	0.08	9,954,068,951	10,119,088,000	(165,019,049)	(1.63)	1,0012	1,0012	0.00	0.00
19 Jurisdictional Loss Multiplier	1,0012	1,0012	0	0.00	9,954,068,951	10,119,088,000	(165,019,049)	(1.63)	(0,2400)	(0,2361)	(0,00)	0.00
20 Jurisdictional KWH Sales Adj. for Line Losses	352,338,374.00	352,062,295	276,079	0.08	9,954,068,951	10,119,088,000	(165,019,049)	(1.63)	1,00072	1,00072	0.00	0.00
21 TRUE-UP	(23,888,086)	(23,888,086)	0	0.00	9,954,068,951	10,119,088,000	(165,019,049)	(1.63)	3,3020	3,2454	0.06	1.74
22 TOTAL JURISDICTIONAL FUEL COST	328,450,288	328,174,209	276,079	0.08	9,954,068,951	10,119,088,000	(165,019,049)	(1.63)	3,3016	3,2450	0.06	1.74
23 Revenue Tax Factor									3,302	3,245	0.06	1.74
24 Fuel Factor Adjusted for Revenue Taxes												
25 GPIF Reward / (Penalty)	(41,899)	(41,899)	0	0.00	9,954,068,951	10,119,088,000	(165,019,049)	(1.63)				
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.

SCHEDULE A-2
PAGE 1 OF 3

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

	CURRENT MONTH			PERIOD - TO - DATE		
	ACTUAL	ESTIMATED	DIFFERENCE	ACTUAL	ESTIMATED	DIFFERENCE
	\$	\$	AMOUNT (\$)	\$	\$	AMOUNT (\$)
			%			%
A. Fuel Cost & Net Power Transactions						
1 Fuel Cost of System Net Generation	19,121,156.70	22,908,202	(3,787,045.30)	255,226,727.01	270,960,863	(15,734,135.99)
1a Other Generation	191,732.59	151,301	40,431.59	2,015,679.30	2,208,293	(192,613.70)
1b Scherer/Flint Credit	(479,691.00)	(740,470)	260,779.36	(3,183,854.65)	(3,862,317)	678,462.19
2 Fuel Cost of Power Sold	(13,351,871.78)	(13,548,800)	196,928.22	(93,630,707.00)	(118,401,900)	24,771,193.00
3 Fuel Cost - Purchased Power	19,429,270.24	19,464,500	(35,229.76)	172,633,788.86	199,321,300	(26,687,511.14)
3a Demand & Non-Fuel Cost Purchased Power	0.00	0	0.00	0.00	0	0.00
3b Energy Payments to Qualifying Facilities	594,465.94	0	594,465.94	6,374,302.79	2,457,000	3,917,302.79
4 Energy Cost - Economy Purchases	0.00	0	0.00	0.00	0	0.00
5 Hedging Settlement Cost	2,662,970.00	1,665,050	997,920.00	22,351,512.00	9,458,310	12,893,202.00
6 Total Fuel & Net Power Transactions	28,168,032.69	29,899,783	(1,731,749.95)	361,787,448.31	362,141,549	(354,100.85)
7 Adjustments To Fuel Cost*	21.86	0	21.86	6,507.31	0	6,507.31
8 Adj. Total Fuel & Net Power Transactions	28,168,054.55	29,899,783	(1,731,728.45)	361,793,955.62	362,141,549	(347,593.54)
B. KWH Sales						
1 Jurisdictional Sales	721,324,619	734,927,000	(13,602,381)	9,954,068,951	10,119,088,000	(165,019,049)
2 Non-Jurisdictional Sales	22,055,256	23,230,000	(1,174,744)	280,639,827	303,706,000	(23,066,173)
3 Total Territorial Sales	743,379,875	758,157,000	(14,777,125)	10,234,708,778	10,422,794,000	(188,085,222)
4 Juris. Sales as % of Total Terr. Sales	97.0331	96.9360	0.0971	97.2580	97.0861	0.1719

*(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: NOVEMBER 2017

	CURRENT MONTH			PERIOD - TO - DATE		
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT (\$)	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT (\$)
C. True-up Calculation						
1 Jurisdictional Fuel Revenue	22,129,012.33	23,052,761	(923,748.21)	314,021,103.72	317,409,637	(3,388,533.66)
2 Fuel Adj. Revs. Not Applicable to Period:						
2a True-Up Provision	2,171,651.00	2,171,639	12.00	23,888,086.00	23,888,026	60.00
2b Incentive Provision	3,806.00	3,806	0.00	41,869.00	41,869	0.00
3 Juris. Fuel Revenue Applicable to Period	24,304,469.33	25,228,206	(923,736.67)	337,951,058.72	341,339,532	(3,388,473.28)
Adjusted Total Fuel & Net Power						
4 Transactions (Line A8)	28,168,054.55	29,899,783	(1,731,728.45)	361,793,955.62	362,141,549	(347,593.38)
5 Juris. Sales % of Total KWH Sales (Line B4)	97.0331	96.9360	0.0971	97.2580	97.0861	0.1719
Juris. Total Fuel & Net Power Transactions						
6 Adj. for Line Losses (C4*C5*1.0012)	27,365,135.34	29,018,434	(1,653,298.66)	352,338,373.53	352,062,295	276,078.53
True-Up Provision for the Month						
7 Over/(Under) Collection (C3-C6)	(3,060,666.01)	(3,790,228)	729,561.99	(14,387,314.81)	(10,722,762)	(3,664,552.81)
8 Interest Provision for the Month	(21,069.41)	(5,444)	(15,625.41)	(47,518.83)	98,500	(146,018.83)
9 Beginning True-Up & Interest Provision	(18,537,872.46)	(2,485,312)	(16,052,560.46)	15,262,254.60	26,059,665	(10,797,410.70)
10 True-Up Collected / (Refunded)	(2,171,651.00)	(2,171,639)	(12.00)	(23,888,086.00)	(23,888,026)	(60.00)
End of Period - Total Net True-Up, Before						
11 Adjustment (C7+C8+C9+C10)	(23,791,258.88)	(8,452,623)	(15,338,635.88)	(23,060,665.04)	(8,452,623)	(14,608,042.04)
12 Adjustment		0	0.00	(730,593.84)	0	(730,593.84)
13 End of Period - Total Net True-Up	(23,791,258.88)	(8,452,623)	(15,338,635.88)	(23,791,258.88)	(8,452,623)	(15,338,635.88)

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

	ACTUAL	CURRENT MONTH		DIFFERENCE
		\$	ESTIMATED	
D. Interest Provision				
1 Beginning True-Up Amount (C9)	(18,537,872.46)	(2,485,312)	(16,052,560.46)	645.90
2 Ending True-Up Amount	(23,770,189.47)	(8,447,179)	(15,323,010.47)	181.40
3 Total of Beginning & Ending True-Up Amts.	(42,308,061.93)	(10,932,491)	(31,375,570.93)	286.99
4 Average True-Up Amount	(21,154,030.97)	(5,466,246)	(15,687,784.97)	286.99
Interest Rate				
5 1st Day of Reporting Business Month	1.14	1.14	0.0000	
Interest Rate				
6 1st Day of Subsequent Business Month	1.25	1.25	0.0000	
7 Total (D5+D6)	2.39	2.39	0.0000	
8 Annual Average Interest Rate	1.20	1.20	0.0000	
9 Monthly Average Interest Rate (D8/12)	0.0996	0.0996	0.0000	
10 Interest Provision (D4*D9)	(21,069.41)	(5,444)	(15,625.41)	287.02

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: NOVEMBER 2017**

	CURRENT MONTH				PERIOD - TO - DATE			
	ACTUAL	EST.	DIFFERENCE		ACTUAL	EST.	DIFFERENCE	
	(1)	(2)	AMOUNT	%	(5)	(6)	AMOUNT	%
<u>FUEL COST-NET GEN.(\$)</u>								
1 LIGHTER OIL (B.L.)	34,384	83,215	(48,831)	(58.68)	831,667	725,931	105,736	14.57
2 COAL	9,890,830	12,395,928	(2,505,098)	(20.21)	122,877,581	134,355,519	(11,477,938)	(8.54)
2a Coal at Scherer	2,004,042	3,111,220	(1,107,178)	(35.59)	18,709,691	26,353,216	(7,643,525)	(29.00)
2b Scherer/Flint Credit	(479,691)	(740,470)	260,779	(35.22)	(3,183,855)	(3,862,317)	678,462	(17.57)
3 GAS	7,010,342	7,039,574	(29,232)	(0.42)	110,625,533	107,169,877	3,455,656	3.22
4 GAS (B.L.)	305,071	361,020	(55,950)	(15.50)	3,371,404	3,822,922	(451,518)	(11.81)
5 LANDFILL GAS	68,221	68,546	(325)	(0.47)	756,500	733,457	23,043	3.14
6 OIL - C.T.	0	0	0	0.00	70,031	8,234	61,797	750.51
7 TOTAL (\$)	<u>18,833,198</u>	<u>22,319,033</u>	<u>(3,485,834)</u>	<u>(15.62)</u>	<u>254,058,552</u>	<u>269,306,839</u>	<u>(15,248,288)</u>	<u>(5.66)</u>
<u>SYSTEM NET GEN. (MWH)</u>								
8 LIGHTER OIL	0	0	0	0.00	0	0	0	0.00
9 COAL	328,199	425,669	(97,470)	(22.90)	3,876,715	4,385,529	(508,815)	(11.60)
9a Coal at Scherer	71,847	116,769	(44,922)	(38.47)	670,645	1,073,394	(402,750)	(37.52)
9b Scherer/Flint Credit	(17,190)	(27,791)	10,601	(38.15)	(113,535)	(143,500)	29,965	(20.88)
10 GAS	271,800	237,576	34,224	14.41	3,921,792	3,676,090	245,702	6.68
11 LANDFILL GAS	2,071	2,031	40	1.97	22,563	22,611	(48)	(0.21)
12 OIL - C.T.	(5)	0	(5)	100.00	192	36	156	433.33
13 TOTAL (MWH)	<u>656,722</u>	<u>754,254</u>	<u>(97,532)</u>	<u>(12.93)</u>	<u>8,378,370</u>	<u>9,014,160</u>	<u>(635,790)</u>	<u>(7.05)</u>
<u>UNITS OF FUEL BURNED</u>								
14 LIGHTER OIL (BBL)	491	1,190	(699)	(58.73)	10,645	10,666	(20)	(0.19)
15 COAL (TONS)	170,250	218,523	(48,273)	(22.09)	1,953,731	2,127,130	(173,399)	(8.15)
16 GAS (MCF) (1)	1,848,419	1,587,213	261,206	16.46	27,801,013	24,747,597	3,053,416	12.34
17 OIL - C.T. (BBL)	0	0	0	0.00	721	85	636	748.24
<u>BTU'S BURNED (MMBTU)</u>								
18 COAL + GAS B.L. + OIL B.L.	4,156,444	5,730,006	(1,573,562)	(27.46)	49,149,243	56,423,250	(7,274,008)	(12.89)
19 GAS - Generation (1)	1,868,471	1,618,957	249,514	15.41	27,928,310	25,242,549	2,685,761	10.64
20 OIL - C.T.	0	0	0	0.00	3,557	499	3,058	612.83
21 TOTAL (MMBTU)	<u>6,024,915</u>	<u>7,348,963</u>	<u>(1,324,048)</u>	<u>(18.02)</u>	<u>68,032,737</u>	<u>72,609,517</u>	<u>(4,576,780)</u>	<u>(6.30)</u>
<u>GENERATION MIX (% MWH)</u>								
22 LIGHTER OIL (B.L.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23 COAL	58.29	68.23	(9.94)	(14.57)	52.92	58.97	(6.05)	(10.26)
24 GAS	41.39	31.50	9.89	31.40	46.81	40.78	6.03	14.79
25 LANDFILL GAS	0.32	0.27	0.05	18.52	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>
<u>FUEL COST (\$)/UNIT</u>								
28 LIGHTER OIL (\$/BBL)	70.07	69.92	0.15	0.21	78.13	68.06	10.07	14.80
29 COAL (\$/TON)	58.10	56.73	1.37	2.41	62.89	63.16	(0.27)	(0.43)
30 GAS (\$/MCF) (1)	3.85	4.57	(0.72)	(15.75)	4.03	4.40	(0.37)	(8.41)
31 OIL - C.T. (\$/BBL)	0.00	0.00	0.00	0.00	97.13	96.87	0.26	0.27
<u>FUEL COST (\$)/MMBTU</u>								
32 COAL + GAS B.L. + OIL B.L.	2.83	2.65	0.18	6.79	2.90	2.86	0.04	1.40
33 GAS - Generation (1)	3.65	4.25	(0.60)	(14.12)	3.89	4.16	(0.27)	(6.49)
34 OIL - C.T.	0.00	0.00	0.00	0.00	19.69	16.50	3.19	19.33
35 TOTAL (\$/MMBTU)	<u>3.08</u>	<u>3.01</u>	<u>0.07</u>	<u>2.33</u>	<u>3.69</u>	<u>3.67</u>	<u>0.02</u>	<u>0.54</u>
<u>BTU BURNED / KWH</u>								
36 COAL + GAS B.L. + OIL B.L.	10,856	11,134	(278)	(2.50)	11,085	10,615	470	4.43
37 GAS - Generation (1)	7,054	6,977	77	1.10	7,255	7,011	244	3.48
38 OIL - C.T.	0	0	0	0.00	18,525	13,861	4,664	33.65
39 TOTAL (BTU/KWH)	<u>9,302</u>	<u>9,842</u>	<u>(540)</u>	<u>(5.49)</u>	<u>8,213</u>	<u>8,144</u>	<u>69</u>	<u>0.85</u>
<u>FUEL COST (¢/KWH)</u>								
40 COAL + GAS B.L. + OIL B.L.	3.07	2.96	0.11	3.72	3.22	3.04	0.18	5.92
41 GAS	2.58	2.96	(0.38)	(12.84)	2.82	2.92	(0.10)	(3.42)
42 LANDFILL GAS	3.29	3.37	(0.08)	(2.37)	3.35	3.24	0.11	3.40
43 OIL - C.T.	0.00	0.00	0.00	0.00	36.47	22.87	13.60	59.47
44 TOTAL (¢/KWH)	<u>2.87</u>	<u>2.96</u>	<u>(0.09)</u>	<u>(3.04)</u>	<u>3.03</u>	<u>2.99</u>	<u>0.04</u>	<u>1.34</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: NOVEMBER 2017

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWH)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (BTU/KWH)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel 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	(114)	0.0	71.0	0.0	0	Coal	473	10,799	10,216	28,113	0.00	59.44
2			0					Gas-G	0	1,017	0	0	0.00	0.00
3								Gas-S	1,173	1,017	1,194	18,688	3.00	15.93
4								Oil-S	27	138,500	153	1,846	3.00	68.37
5	Crist 5	75	4,451	8.2	73.9	52.8	11,160	Coal	2,246	11,053	49,673	133,554	3.00	59.46
6			0					Gas-G	0	1,017	0	0	0.00	0.00
7								Gas-S	2,522	1,017	2,566	40,182	0.00	15.93
8								Oil-S	83	138,500	485	5,849	3.10	70.11
9	Crist 6	299	45,565	21.1	72.4	59.4	11,701	Coal	23,802	11,200	533,164	1,414,702	3.10	59.44
10			0					Gas-G	0	1,017	0	0	0.00	0.00
11								Gas-S	9,382	1,017	9,545	149,457	0.00	15.93
12								Oil-S	0	138,500	2	27	0.00	0.00
13	Crist 7	475	149,085	43.5	76.6	56.8	10,091	Coal	66,722	11,274	1,504,448	3,965,718	2.66	59.44
14			0					Gas-G	0	1,017	0	0	0.00	0.00
15								Gas-S	6,073	1,017	6,179	96,743	0.00	15.93
16								Oil-S	51	138,500	297	3,579	0.00	70.18
17	Smith 3	579	264,881	63.5	71.5	93.0	7,054	Gas-G	1,829,269	1,021	1,868,471	6,818,610	2.57	3.73
18	Smith A	(1)	(5)	0.0	91.9	0.0	0	Oil	0	138,500	0	0	0.00	0.00
19	Scherer 3	(2)	71,847	46.6	100.0	0.0	10,673	Coal	10	6,915	766,813	2,004,042	2.79	0.00
20								Oil	10	140,150	59	802	0.00	80.20
21	Scherer/Flint Credit	(51)	(17,190)	N/A	N/A	N/A	N/A	Coal	(2)	N/A	(183,472)	(479,499)	N/A	N/A
22								Oil	(2)	N/A	(14)	(192)	N/A	N/A
23	Other Generation		6,919					Landfill Gas			191,733	68,221	2.77	0.00
24	Perdido		2,071								68,221	3,29	0.00	0.00
25	Daniel 1	(3)	69,591	38.5	82.1	39.8	10,930	Coal	40,397	9,414	760,619	2,245,451	3.23	55.58
26								Oil-S	307	138,500	1,786	21,247	0.00	69.21
27	Daniel 2	(3)	59,621	32.9	89.3	32.9	11,617	Coal	36,610	9,460	692,645	2,034,924	3.41	55.58
28								Oil-S	15	138,500	87	1,033	0.00	68.87
29	Total	2,204	656,722	41.3	80.8	54.8	9,302				6,024,915	18,764,830	2.86	

Notes & Adjust.:	Units	\$	cents/kwh
(1) Smith A uses lighter oil	N/A		
(2) Represents Gulf's 25% ownership	Daniel Railcar Track Deprec.	(4,022)	
(3) Represents Gulf's 50% Ownership	Daniel Coal Additive	72,389	
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			
	Recoverable Fuel	18,833,198	2.87

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

	CURRENT MONTH				PERIOD-TO-DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
<u>LIGHT OIL</u>								
1 PURCHASES :								
2 UNITS (BBL)	772	1,139	(367)	(32.22)	13,559	10,326	3,233	31.31
3 UNIT COST (\$/BBL)	76.43	70.23	6.20	8.83	71.73	69.44	2.29	3.30
4 <u>AMOUNT (\$)</u>	<u>59,006</u>	<u>79,993</u>	<u>(20,987)</u>	<u>(26.24)</u>	<u>972,611</u>	<u>717,061</u>	<u>255,550</u>	<u>35.64</u>
5 BURNED :								
6 UNITS (BBL)	542	1,190	(648)	(54.45)	12,495	10,666	1,829	17.15
7 UNIT COST (\$/BBL)	70.73	69.92	0.81	1.16	69.47	68.06	1.41	2.07
8 <u>AMOUNT (\$)</u>	<u>38,336</u>	<u>83,215</u>	<u>(44,879)</u>	<u>(53.93)</u>	<u>867,984</u>	<u>725,931</u>	<u>142,053</u>	<u>19.57</u>
9 ENDING INVENTORY :								
10 UNITS (BBL)	5,636	6,793	(1,157)	(17.03)	5,636	6,793	(1,157)	(17.03)
11 UNIT COST (\$/BBL)	71.35	68.62	2.73	4	71.35	68.62	2.73	3.98
12 <u>AMOUNT (\$)</u>	<u>402,124</u>	<u>466,194</u>	<u>(64,070)</u>	<u>(13.74)</u>	<u>402,124</u>	<u>466,194</u>	<u>(64,070)</u>	<u>(13.74)</u>
13 <u>DAYS SUPPLY</u>	<u>N/A</u>	<u>N/A</u>						
<u>COAL EXCLUDING PLANT SCHERER</u>								
14 PURCHASES :								
15 UNITS (TONS)	150,764	219,814	(69,050)	(31.41)	1,827,862	2,036,183	(208,321)	(10.23)
16 UNIT COST (\$/TON)	54.80	55.14	(0.34)	(0.62)	61.30	59.84	1.46	2.44
17 <u>AMOUNT (\$)</u>	<u>8,261,338</u>	<u>12,119,909</u>	<u>(3,858,571)</u>	<u>(31.84)</u>	<u>112,041,264</u>	<u>121,852,265</u>	<u>(9,811,001)</u>	<u>(8.05)</u>
18 BURNED :								
19 UNITS (TONS)	170,250	218,523	(48,273)	(22.09)	1,953,731	2,127,130	(173,399)	(8.15)
20 UNIT COST (\$/TON)	57.69	56.73	0.96	1.69	62.73	63.16	(0.43)	(0.68)
21 <u>AMOUNT (\$)</u>	<u>9,822,462</u>	<u>12,395,928</u>	<u>(2,573,466)</u>	<u>(20.76)</u>	<u>122,561,361</u>	<u>134,355,519</u>	<u>(11,794,158)</u>	<u>(8.78)</u>
22 ENDING INVENTORY :								
23 UNITS (TONS)	408,324	483,489	(75,165)	(15.55)	408,324	483,489	(75,165)	(15.55)
24 UNIT COST (\$/TON)	57.57	57.55	0.02	0.03	57.57	57.55	0.02	0.03
25 <u>AMOUNT (\$)</u>	<u>23,507,967</u>	<u>27,824,003</u>	<u>(4,316,036)</u>	<u>(15.51)</u>	<u>23,507,967</u>	<u>27,824,003</u>	<u>(4,316,036)</u>	<u>(15.51)</u>
26 <u>DAYS SUPPLY</u>	<u>25</u>	<u>29</u>	<u>(4)</u>	<u>(13.79)</u>				
<u>COAL AT PLANT SCHERER</u>								
27 PURCHASES :								
28 UNITS (MMBTU)	979,336	885,594	93,742	10.59	7,579,538	9,258,539	(1,679,001)	(18.13)
29 UNIT COST (\$/MMBTU)	2.52	2.43	0.09	3.70	2.55	2.44	0.11	4.51
30 <u>AMOUNT (\$)</u>	<u>2,467,232</u>	<u>2,155,017</u>	<u>312,215</u>	<u>14.49</u>	<u>19,315,624</u>	<u>22,585,832</u>	<u>(3,270,208)</u>	<u>(14.48)</u>
31 BURNED :								
32 UNITS (MMBTU)	766,813	1,259,128	(492,315)	(39.10)	7,114,267	10,571,999	(3,457,732)	(32.71)
33 UNIT COST (\$/MMBTU)	2.52	2.47	0.05	2.02	2.59	2.49	0.10	4.02
34 <u>AMOUNT (\$)</u>	<u>1,929,539</u>	<u>3,111,220</u>	<u>(1,181,681)</u>	<u>(37.98)</u>	<u>18,434,529</u>	<u>26,353,216</u>	<u>(7,918,687)</u>	<u>(30.05)</u>
35 ENDING INVENTORY :								
36 UNITS (MMBTU)	3,340,762	1,291,411	2,049,351	158.69	3,340,762	1,291,411	2,049,351	158.69
37 UNIT COST (\$/MMBTU)	2.52	2.55	(0.03)	(1.18)	2.52	2.55	(0.03)	(1.18)
38 <u>AMOUNT (\$)</u>	<u>8,406,345</u>	<u>3,289,398</u>	<u>5,116,947</u>	<u>155.56</u>	<u>8,406,345</u>	<u>3,289,398</u>	<u>5,116,947</u>	<u>155.56</u>
39 <u>DAYS SUPPLY</u>	<u>62</u>	<u>24</u>	<u>38</u>	<u>158.33</u>				
<u>GAS</u> (Reported on a MMBTU and \$ basis)								
40 PURCHASES :								
41 UNITS (MMBTU)	1,991,150	1,618,957	372,193	22.99	28,184,541	25,242,549	2,941,992	11.65
42 UNIT COST (\$/MMBTU)	3.69	4.25	(0.56)	(13.18)	3.92	4.16	(0.24)	(5.77)
43 <u>AMOUNT (\$)</u>	<u>7,342,089</u>	<u>6,888,273</u>	<u>453,816</u>	<u>6.59</u>	<u>110,507,605</u>	<u>104,961,584</u>	<u>5,546,021</u>	<u>5.28</u>
44 BURNED :								
45 UNITS (MMBTU)	1,887,955	1,618,957	268,998	16.62	28,453,626	25,242,549	3,211,077	12.72
46 UNIT COST (\$/MMBTU)	3.77	4.25	(0.48)	(11.29)	3.94	4.16	(0.22)	(5.29)
47 <u>AMOUNT (\$)</u>	<u>7,123,680</u>	<u>6,888,273</u>	<u>235,407</u>	<u>3.42</u>	<u>111,991,364</u>	<u>104,961,584</u>	<u>7,029,780</u>	<u>6.70</u>
48 ENDING INVENTORY :								
48 UNITS (MMBTU)	846,968	0	846,968	100.00	846,968	0	846,968	100.00
50 UNIT COST (\$/MMBTU)	3.65	0.00	3.65	100.00	3.65	0.00	3.65	100.00
51 <u>AMOUNT (\$)</u>	<u>3,090,840</u>	<u>0</u>	<u>3,090,840</u>	<u>100.00</u>	<u>3,090,840</u>	<u>0</u>	<u>3,090,840</u>	<u>100.00</u>

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

	CURRENT MONTH				PERIOD-TO-DATE				
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE		
			AMOUNT	%			AMOUNT	%	
<u>OTHER - C.T. OIL</u>									
52	<i>PURCHASES :</i>								
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	<i>BURNED :</i>								
57	UNITS (BBL)	0	0	0	0.00	721	97	624	646.16
58	UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	97.13	85.26	11.87	13.92
59	AMOUNT (\$)	0	0	0	0.00	70,032	8,234	61,798	750.52
60	<i>ENDING INVENTORY :</i>								
61	UNITS (BBL)	6,730	6,740	(10)	(0.15)	6,730	6,740	(10)	(0.15)
62	UNIT COST (\$/BBL)	95.70	95.68	0.02	0.02	95.70	95.68	0.02	0.02
63	AMOUNT (\$)	644,056	644,831	(775)	(0.12)	644,056	644,831	(775)	(0.12)
64	HOURS SUPPLY	76	76	0	0.00				

**POWER SOLD
GULF POWER COMPANY
FOR THE MONTH OF: NOVEMBER 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	546,860,500	0	546,860,500	2.46	3.09	13,429,100	16,879,400
2	Various Economy Sales	4,503,400	0	4,503,400	2.39	2.88	107,700	129,900
3	Gain on Econ. Sales	0	0	0	0.00	0.00	12,000	15,000
4	TOTAL ESTIMATED SALES	551,363,900	0	551,363,900	2.46	3.09	13,548,800	17,024,300
<i>ACTUAL</i>								
5	Southern Company Interchange	556,760,452	0	556,760,452	2.40	2.68	13,339,532	14,913,822
6	A.E.C. External	287,475	0	287,475	2	3.09	6,726	8,870
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	73,731	0	73,731	2.14	2.88	1,579	2,123
10	ENDURE External	27,623	0	27,623	2.55	3.51	704	970
11	EXELON External	38,184	0	38,184	2.00	2.54	762	971
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	11,109	0	11,109	2.81	2.92	312	324
15	MERCURIA External	0	0	0	0.00	0.00	0	0
16	MISO External	682,194	0	682,194	2.10	2.59	14,329	17,687
17	MORGAN External	107,432	0	107,432	2.25	2.97	2,413	3,194
18	NCEMC External	0	0	0	0.00	0.00	0	0
19	NCMPA1 External	0	0	0	0.00	0.00	0	0
20	OPC External	39,902	0	39,902	2.00	2.70	797	1,076
21	ORLANDO External	0	0	0	0.00	0.00	0	0
22	PJM External	120,130	0	120,130	2.22	2.29	2,673	2,753
23	REMC External	0	0	0	0.00	0.00	0	0
24	SCE&G External	217,925	0	217,925	2.76	4.39	6,016	9,567
25	SEC External	107,733	0	107,733	2.11	3.15	2,271	3,396
26	SEPA External	2,033,270	0	2,033,270	2.46	3.38	49,963	68,766
27	TAL External	5,219	0	5,219	1.96	2.68	102	140
28	TEA External	742,667	0	742,667	2.10	2.74	15,562	20,317
29	TECO External	4,912	0	4,912	3.12	3.80	153	187
30	TENASKA External	0	0	0	0.00	0.00	0	0
31	TVA External	113,874	0	113,874	2.87	4.13	3,271	4,708
32	WRI External	82,750	0	82,750	2.78	3.54	2,297	2,927
33	Less: Flow-Thru Energy	(4,696,130)	0	(4,696,130)	2.34	2.34	(109,930)	(109,930)
34	SEPA	823,768	823,768	0	0.00	0.00	0	0
35	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	12,340	15,425
36	Other transactions including adj.	<u>131,451,337</u>	<u>59,295,746</u>	<u>72,155,591</u>	0.00	0.00	<u>0</u>	<u>0</u>
37	TOTAL ACTUAL SALES	689,035,557	60,119,514	628,916,043	1.94	2.17	13,351,872	14,951,866
37	Difference in Amount	137,671,657	60,119,514	77,552,143	(0.52)	(0.92)	(196,928)	(2,072,434)
38	Difference in Percent	24.97	0.00	14.07	(21.14)	(29.77)	(1.45)	(12.17)

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: NOVEMBER 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	4,216,083,400	0	4,216,083,400	2.74	3.21	115,360,800	135,468,100
2	Various Economy Sales	108,010,300	0	108,010,300	2.50	2.98	2,695,700	3,221,600
3	Gain on Econ. Sales	0	0	0	0.00	0.00	345,400	371,000
4	TOTAL ESTIMATED SALES	<u>4,324,093,700</u>	<u>0</u>	<u>4,324,093,700</u>	<u>2.74</u>	<u>3.22</u>	<u>118,401,900</u>	<u>139,060,700</u>
<i>ACTUAL</i>								
5	Southern Company Interchange	3,476,583,141	0	3,476,583,141	2.55	2.80	88,616,363	97,200,211
6	A.E.C. External	3,553,772	0	3,553,772	2.74	3.43	97,260	121,729
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	5,485,682	0	5,485,682	4.90	3.32	268,993	182,000
10	ENDURE External	146,890	0	146,890	3.00	4.49	4,403	6,601
11	EXELON External	1,548,380	0	1,548,380	7.60	3.16	117,666	49,003
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	14,178	0	14,178	2.79	3.02	396	428
15	MERCURIA External	32,801,596	0	32,801,596	2.23	3.77	731,737	1,238,254
16	MISO External	14,096,357	0	14,096,357	2.51	3.29	354,204	464,355
17	MORGAN External	4,310,657	0	4,310,657	2.48	3.20	106,793	137,894
18	NCEMC External	159,558	0	159,558	2.70	3.46	4,306	5,518
19	NCMPA1 External	12,584	0	12,584	1.89	2.54	237	320
20	OPC External	792,206	0	792,206	2.78	3.86	22,031	30,617
21	ORLANDO External	1,556,197	0	1,556,197	2.99	4.33	46,504	67,446
22	PJM External	3,487,387	0	3,487,387	2.41	3.50	84,185	121,984
23	REMC External	67,518	0	67,518	8.27	4.00	5,581	2,702
24	SCE&G External	594,525	0	594,525	2.97	4.89	17,682	29,063
25	SEC External	4,516,001	0	4,516,001	3.09	4.08	139,715	184,210
26	SEPA External	25,083,950	0	25,083,950	2.31	3.01	580,362	754,056
27	TAL External	751,848	0	751,848	2.60	3.63	19,522	27,317
28	TEA External	17,159,464	0	17,159,464	2.45	3.04	420,235	521,604
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	5,315,253	0	5,315,253	2.89	3.96	153,690	210,544
32	WRI External	1,375,763	0	1,375,763	2.67	3.49	36,745	47,962
33	Less: Flow-Thru Energy	(101,164,359)	0	(101,164,359)	2.53	2.53	(2,561,947)	(2,561,947)
34	SEPA	10,862,896	10,862,896	0	0.00	0.00	0	0
35	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	1,738,841	1,955,511
36	Other transactions including adj.	<u>1,444,188,693</u>	<u>826,933,882</u>	<u>617,254,811</u>	0.00	0.00	<u>0</u>	<u>0</u>
37	TOTAL ACTUAL SALES	<u>5,073,145,730</u>	<u>837,796,778</u>	<u>4,235,348,952</u>	<u>1.85</u>	<u>2.03</u>	<u>93,630,707</u>	<u>102,959,838</u>
37	Difference in Amount	749,052,030	837,796,778	(88,744,748)	(0.89)	(1.19)	(24,771,193)	(36,100,862)
38	Difference in Percent	17.32	0.00	(2.05)	(32.48)	(36.96)	(20.92)	(25.96)

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: NOVEMBER 2017**

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL KWH PURCHASED	(4) KWH FOR OTHER UTILITIES	(5) KWH FOR INTERRUPTIBLE	(6) KWH FOR FIRM	(7) ¢ / KWH (A) FUEL COST (B) TOTAL COST	(8) 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: NOVEMBER 2017

(1)	(2)	CURRENT MONTH				(7)		(8)
		(3)	(4)	(5)	(6)	(A)	(B)	
PURCHASED FROM:	TYPE AND 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>								
2 Bay County/Engen, LLC	Contract	5,651,000	0	0	0	3.12	3.12	176,157
3 Renewable Energy Customers	COG 1	0	0	0	0	0.00	0.00	0
4 Ascend Performance Materials	COG 1	15,615,711	0	0	0	2.65	2.65	414,463
5 International Paper	COG 1	117,600	0	0	0	3.27	3.27	3,846
6 TOTAL		21,384,311	0	0	0	2.78	2.78	594,466

(1)	(2)	PERIOD-TO-DATE				(7)		(8)
		(3)	(4)	(5)	(6)	(A)	(B)	
PURCHASED FROM:	TYPE AND 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>								
2 Bay County/Engen, LLC	Contract	56,965,000	0	0	0	3.36	3.36	1,912,506.42
3 Renewable Energy Customers	COG 1	0	0	0	0	0.00	0.00	425.85
4 Ascend Performance Materials	COG 1	167,784,189	0	0	0	2.63	2.63	4,404,999.22
5 International Paper	COG 1	2,265,921	0	0	0	2.49	2.49	56,370.93
6 TOTAL		227,015,110	0	0	0	2.81	2.81	6,374,302.42

SCHEDULE A-9

**ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
GULF POWER COMPANY
FOR THE MONTH OF: NOVEMBER 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.
<u>ESTIMATED</u>						
1 Southern Company Interchange	20,191,200	2.56	517,500	397,327,000	2.68	10,660,300
2 Economy Energy	575,699,000	3.29	18,947,000	2,901,039,000	3.26	94,630,000
3 Other Purchases	0	0.00	0	2,906,013,000	3.24	94,031,000
4 TOTAL ESTIMATED PURCHASES	<u>595,890,200</u>	<u>3.27</u>	<u>19,464,500</u>	<u>6,204,379,000</u>	<u>3.21</u>	<u>199,321,300</u>
<u>ACTUAL</u>						
5 Southern Company Interchange	5,770,534	2.57	148,499	489,249,764	2.92	14,300,083
6 Non-Associated Companies	47,716,451	1.21	575,894	584,688,734	0.78	4,584,368
7 Purchased Power Agreements	514,579,000	2.76	14,195,260	4,226,268,000	2.86	120,760,140
8 Renewable Energy Purchase Agreements	131,238,297	3.52	4,623,030	1,039,456,552	3.43	35,654,762
9 Other Wheeled Energy	75,009,066	0.00	N/A	759,537,075	0.00	N/A
10 Other Transactions	7,092,494	0.09	6,176	252,430,336	0.05	124,149
11 Less: Flow-Thru Energy	(4,696,130)	2.55	(119,589)	(101,164,359)	2.76	(2,789,713)
12 TOTAL ACTUAL PURCHASES	<u>776,709,712</u>	<u>2.50</u>	<u>19,429,270</u>	<u>7,250,466,102</u>	<u>2.38</u>	<u>172,633,789</u>
13 Difference in Amount	180,819,512	(0.77)	(35,230)	1,046,087,102	(0.83)	(26,687,511)
14 Difference in Percent	30.34	(23.55)	(0.18)	16.86	(25.86)	(13.39)

2017 CAPACITY CONTRACTS
GULF POWER COMPANY

Capacity Costs (\$)		CONTRACT TYPE	COUNTERPARTY	TERM Start End	January	February	March	April	May	June	July	August	September	October	November	December	YTD
A.	1																
	1	SES Opco	Interchange	2/18/2007 5 Yr Notice	795	0	0	0	0	0	0	0	0	0	0	0	795
	2	SES Opco	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	79,260,569
				Total	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	79,261,364

Capacity Costs (MW)		CONTRACT TYPE	COUNTERPARTY	TERM Start End	January	February	March	April	May	June	July	August	September	October	November	December
B.	1															
	1	SES Opco	Interchange	2/18/2007 5 Yr Notice	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

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

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.: **20170001-EI**

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing was furnished by electronic mail this 20th day of December, 2017 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
John T. Burnett
Dianne M. Triplett
299 First Avenue North
St. Petersburg, FL 33701
Dianne.triplett@duke-energy.com
John.burnett@duke-energy.com

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

Florida Power & Light Company
Kenneth Hoffman
215 South Monroe Street,
Suite 810
Tallahassee, FL 32301-1858
Ken.Hoffman@fpl.com

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

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

Office of Public Counsel
Patricia A. Christensen
Associate Public Counsel
c/o The Florida Legislature
111 W. Madison Street, Room 812
Tallahassee, FL 32399-1400
Christensen.patty@leg.state.fl.us
Saylor.erik@leg.state.fl.us

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

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
Danijela Janjic
2540 Shumard Oak Blvd
Tallahassee, FL 32399-0850
djanjic@psc.state.fl.us
sbrownle@psc.state.fl.us
ASoete@psc.state.fl.us

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



JEFFREY A. STONE
General Counsel
Florida Bar No. 325953
jastone@southernco.com
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0100
(850) 444-6550

RUSSELL A. BADDERS
Florida Bar No. 007455
rab@beggslane.com
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