



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

August 21, 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 July 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. 170001-EI**

**MONTHLY FUEL FILING**

**July 2017**



**Gulf Power**

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

<u>LINE</u>	<u>DESCRIPTION</u>	<u>REFERENCE</u>	<u>AMOUNT</u>
1	Fuel Cost of System Net Generation	Schedule A-3, Line 7	\$ 30,329,058
2	Scherer/Flint Credit		\$ (723,518)
3	Adjustments to Fuel Cost	Schedule A-2, Line A-7	\$ 438
4	Hedging Settlement Costs	Schedule A-2, Line A-5	\$ 2,030,650
5	Fuel Cost of Purchased Power	Schedule A-7	\$ -
6	Energy Cost of Economy Purchases	Sch. A-9, Col. 4, Line 12	\$ 17,433,194
7	Demand & Non Fuel Cost of Purchased Power	Schedule A-9	\$ -
8	Energy Payments to Qualified Facilities	Sch. A-8, Col. 8, Line 7	\$ 567,893
9	Fuel Cost of Power Sold	Sch. A-6, Col. 7, Total Line	<u>\$ (8,702,711)</u>
10	Total Fuel and Net Power Transactions		<u>\$ 40,935,004</u>

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

	DOLLARS			DIFFERENCE			CENTS/KWH		
	ACTUAL	EST'D	%	AMT	%	AMT	EST'D	%	AMT
	(a)	(b)	(d)	(c)	(e)	(f)	(g)	(h)	(i)
1 Fuel Cost of System Net Generation (A3)	30,329,058	34,158,682	(11.21)	(3,829,624)	988,072,042	1,128,508,000	(140,435,958)	(12.44)	3,0695
1a Hedging Settlement Costs (A2)	2,030,650	2,021,170	0.47	9,480	0	0	0	0.00	#N/A
1b Scherere/Flint Credit	(723,518)	(807,961)	(10.45)	84,443	(25,947,953)	(29,598,000)	3,650,047	(12.33)	0.0000
2 Adjustments to Fuel Cost (A2, Page 1) **	438	0	100.00	438	0	0	0	0.00	#N/A
3 TOTAL COST OF GENERATED POWER	31,636,628	35,371,891	(10.56)	(3,735,263)	962,124,089	1,098,910,000	(136,785,911)	(12.45)	3.2882
4 Fuel Cost of Purchased Power (Exclusive of Economy) (A7)	-	0	0.00	0	0	0	0	0.00	0.0000
5 Energy Cost of Other Econ. Purch. (Nonbroker) (A9)	17,433,194	21,307,400	(18.18)	(3,874,206)	738,475,017	670,268,800	68,206,217	10.18	2.3607
6 Energy Payments to Qualifying Facilities (A8)	567,893	0	100.00	567,893	18,339,103	0	18,339,103	100.00	3.0966
7 TOTAL COST OF PURCHASED POWER	18,001,087	21,307,400	(15.52)	(3,306,313)	756,814,120	670,268,800	86,545,320	12.91	2.3785
8 Total Available MWH (Line 5 + Line 12)	49,637,715	56,679,291	(12.42)	(7,041,576)	1,718,938,209	1,769,178,800	(50,240,591)	(2.84)	(2.8725)
9 Fuel Cost of Economy Sales (A6)	(269,334)	(268,000)	0.50	(1,334)	(9,376,429)	(8,568,800)	(807,629)	9.43	#N/A
10 Gain on Economy Sales (A6)	(34,433)	(29,600)	16.33	(4,833)	0	0	0	0.00	#N/A
11 Fuel Cost of Other Power Sales (A6)	(8,398,944)	(15,090,600)	(44.34)	6,691,656	(429,836,640)	(491,386,900)	61,550,260	(12.53)	(1.9540)
TOTAL FUEL COSTS & GAINS OF POWER SALES	(8,702,711)	(15,388,200)	(43.45)	6,685,489	(439,213,069)	(499,955,700)	60,742,631	(12.15)	(1.9814)
12 (LINES 14 + 15 + 16)									
TOTAL FUEL & NET POWER TRANSACTIONS	40,935,004	41,291,091	(0.86)	(356,087)	1,279,725,140	1,269,223,100	10,502,040	0.83	3.1987
13 (LINES 5 + 12 + 17)									
14 Company Use *	38,858	43,789	(11.26)	(4,931)	1,214,794	1,346,000	(131,206)	(9.75)	3.1987
15 T & D Losses *	2,372,698	2,037,155	16.47	335,543	74,176,958	62,618,100	11,558,858	18.46	3.1987
16 TERRITORIAL KWH SALES	40,935,004	41,291,091	(0.86)	(356,087)	1,204,333,388	1,205,259,000	(925,612)	(0.08)	3.3990
17 Wholesale KWH Sales	934,342	1,128,651	(17.22)	(194,309)	27,488,864	32,945,000	(5,456,136)	(16.56)	3.3990
18 Jurisdictional KWH Sales	40,000,662	40,162,440	(0.40)	(161,778)	1,176,844,524	1,172,314,000	4,530,524	0.39	3.3990
19 Jurisdictional Loss Multiplier	1,0012	1,0012							1.0012
20 Jurisdictional KWH Sales Adj. for Line Losses	40,048,663	40,210,635	(0.40)	(161,972)	1,176,844,524	1,172,314,000	4,530,524	0.39	3.4031
21 TRUE-UP	(2,171,651)	(2,171,651)	0.00	0	1,176,844,524	1,172,314,000	4,530,524	0.39	(0.1845)
22 TOTAL JURISDICTIONAL FUEL COST	37,877,012	38,038,984	(0.43)	(161,972)	1,176,844,524	1,172,314,000	4,530,524	0.39	3.2186
23 Revenue Tax Factor									1.00072
24 Fuel Factor Adjusted for Revenue Taxes									3.2209
25 GPIF Reward / (Penalty)	(3,809)	(3,809)	0.00	0	1,176,844,524	1,172,314,000	4,530,524	0.39	(0.0003)
26 Fuel Factor Adjusted for GPIF Reward / (Penalty)									3.2206
27 FUEL FACTOR ROUNDED TO NEAREST .001(CENTS/KWH)									3.221

\* 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  
JULY 2017  
PERIOD TO DATE**

	DOLLARS			CENTS/KWH			KWH			DIFFERENCE		
	ACTUAL	EST'D	DIFFERENCE AMT	%	ACTUAL	EST'D	DIFFERENCE AMT	%	ACTUAL	EST'D	DIFFERENCE AMT	%
1 Fuel Cost of System Net Generation (A3)	157,757,144	159,325,440	(1,568,296)	(0.98)	5,145,344,584	5,310,491,000	(165,146,416)	(3.11)	3,0660	3,0002	0.07	2.19
1a Hedging Settlement Costs (A2)	12,823,852	2,021,170	10,902,682	539.42	0	0	0	0.00	#N/A	#N/A	#N/A	#N/A
1b Scherer/Flint Credit	(723,518)	(807,961)	84,443	(10.45)	(25,947,953)	(29,598,000)	3,650,047	(12.33)	0.0000	0.0000	0.00	0.00
2 Adjustments to Fuel Cost (A2, Page 1) **	5,770	0	5,770	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
3 TOTAL COST OF GENERATED POWER	169,963,248	160,538,649	9,424,599	5.87	5,119,396,631	5,280,893,000	(161,496,369)	(3.06)	3,3200	3,0400	0.28	9.21
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)	106,616,612	125,156,400	(18,539,788)	(14.81)	4,518,706,014	3,944,397,800	574,308,214	14.56	2,3595	3,1730	(0.81)	(25.64)
6 Energy Payments to Qualifying Facilities (A8)	4,300,972.0	2,457,000	1,843,972	75.05	15,191,016.72	92,411,000	59,499,672	64.39	2,8313	2,6588	0.17	6.49
7 TOTAL COST OF PURCHASED POWER	110,917,584	127,613,400	(16,695,816)	(13.08)	4,670,616,686	4,036,808,800	633,807,886	15.70	2,3748	3,1612	(0.79)	(24.88)
8 Total Available MWH (Line 5 + Line 12)	280,880,832	286,152,049	(7,271,217)	(2.52)	9,790,013,317	9,317,701,800	472,311,517	5.07	(2,3093)	(2,3986)	0.09	3.72
9 Fuel Cost of Economy Sales (A6)	(4,933,847)	(1,979,000)	(2,954,847)	149.31	(213,651,782)	(82,505,800)	(131,145,982)	158.95	#N/A	#N/A	#N/A	#N/A
10 Gain on Economy Sales (A6)	(1,646,994)	(272,600)	(1,374,394)	504.18	0	0	0	0.00	(1,7200)	(2,6980)	0.98	36.25
11 Fuel Cost of Other Power Sales (A6)	(49,444,310)	(62,036,600)	12,592,290	(20.30)	(2,874,625,365)	(2,299,346,900)	(575,278,465)	25.02	(1,8141)	(2,6991)	0.89	32.79
12 TOTAL FUEL COSTS & GAINS OF POWER SALES (LINES 14 + 15 + 16)	(56,025,151)	(64,288,200)	8,263,049	(12.85)	(3,088,277,147)	(2,381,852,700)	(706,424,447)	29.66	3,3552	3,2276	0.13	3.95
13 TOTAL FUEL & NET POWER TRANSACTIONS (LINES 5 + 12 + 17)	224,855,682	223,863,849	991,833	0.44	6,701,736,170	6,935,849,100	(234,112,930)	(3.38)	3,3552	3,2276	0.13	3.95
14 Company Use *	280,301	373,627	(93,326)	(24.98)	8,354,220	11,576,000	(3,221,780)	(27.83)	3,3552	3,2276	0.13	3.95
15 T & D Losses *	11,496,224	11,213,783	282,441	2.52	342,639,006	347,434,100	(4,795,094)	(1.38)	3,5406	3,4038	0.14	4.02
16 TERRITORIAL KWH SALES	224,855,682	223,863,849	991,833	0.44	6,350,742,944	6,576,839,000	(226,096,056)	(3.44)	3,5468	3,4017	0.15	4.27
17 Wholesale KWH Sales	6,031,860	6,588,056	(556,196)	(8.44)	170,063,454	193,667,000	(23,603,546)	(12.19)	3,5404	3,4039	0.14	4.01
18 Jurisdictional KWH Sales	218,823,822	217,275,793	1,548,029	0.71	6,180,679,490	6,383,172,000	(202,492,510)	(3.17)	1,0012	1,0012	0.00	0.00
19 Jurisdictional Loss Multiplier	1,0012	1,0012	0	0.00	6,180,679,490	6,383,172,000	(202,492,510)	(3.17)	3,5456	3,4088	0.14	4.01
20 Jurisdictional KWH Sales Adj. for Line Losses	219,140,057	217,589,658	1,550,399	0.71	6,180,679,490	6,383,172,000	(202,492,510)	(3.17)	(0,2460)	(0,2381)	0.01	3.32
21 TRUE-UP	(15,201,482)	(15,201,482)	0	0.00	6,180,679,490	6,383,172,000	(202,492,510)	(3.17)	3,2996	3,1707	0.13	4.07
22 TOTAL JURISDICTIONAL FUEL COST	203,938,575	202,388,176	1,550,399	0.77	6,180,679,490	6,383,172,000	(202,492,510)	(3.17)	1,00072	1,00072	0.00	0.00
23 Revenue Tax Factor	(26,863)	(26,863)	0	0.00	6,180,679,490	6,383,172,000	(202,492,510)	(3.17)	3,3020	3,1730	0.13	4.07
24 Fuel Factor Adjusted for Revenue Taxes									(0,0004)	(0,0004)	0.00	0.00
25 GPIF Reward / (Penalty)									3,3016	3,1726	0.13	4.07
26 Fuel Factor Adjusted for GPIF Reward / (Penalty)									3,302	3,173	0.13	4.07
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: JULY 2017

	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	30,116,065.26	33,924,176	(3,808,110.74)	156,472,906.30	157,886,243	(1,413,336.70)
1a Other Generation	212,992.44	234,506	(21,513.56)	1,284,237.65	1,439,197	(154,959.35)
1b Scherer/Flint Credit	(723,517.73)	(807,961)	84,443.48	(723,517.73)	(807,961)	84,443.48
2 Fuel Cost of Power Sold	(8,702,711.33)	(15,388,200)	6,685,488.67	(56,025,150.54)	(64,288,200)	8,263,049.46
3 Fuel Cost - Purchased Power	17,433,194.19	21,307,400	(3,874,205.81)	106,616,612.87	125,156,400	(18,539,787.13)
3a Demand & Non-Fuel Cost Purchased Power	0.00	0	0.00	0.00	0	0.00
3b Energy Payments to Qualifying Facilities	567,893.47	0	567,893.47	4,300,972.23	2,457,000	1,843,972.23
4 Energy Cost - Economy Purchases	0.00	0	0.00	0.00	0	0.00
5 Hedging Settlement Cost	2,030,650.00	2,021,170	9,480.00	12,923,852.00	2,021,170	10,902,682.00
6 Total Fuel & Net Power Transactions	40,934,566.30	41,291,091	(356,524.49)	224,849,912.78	223,863,849	986,063.99
7 Adjustments To Fuel Cost*	437.66	0	437.66	5,768.80	0	5,768.80
8 Adj. Total Fuel & Net Power Transactions	40,935,003.96	41,291,091	(356,087.04)	224,855,681.58	223,863,849	991,832.79
B. KWH Sales						
1 Jurisdictional Sales	1,176,844,524	1,172,314,000	4,530,524	6,180,679,490	6,383,172,000	(202,492,510)
2 Non-Jurisdictional Sales	27,488,864	32,945,000	(5,456,136)	170,063,454	193,667,000	(23,603,546)
3 Total Territorial Sales	1,204,333,388	1,205,259,000	(925,612)	6,350,742,944	6,576,839,000	(226,096,056)
4 Juris. Sales as % of Total Terr. Sales	97.7175	97.2666	0.4509	97.3221	97.0563	0.2668

\* (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: JULY 2017**

	CURRENT MONTH		
	\$ ACTUAL	ESTIMATED	DIFFERENCE AMOUNT (\$) %
D. Interest Provision			
1 Beginning True-Up Amount (C9)	(7,259,299.92)	12,236,970	(19,496,269.92) (159.32)
2 Ending True-Up Amount			
Before Interest (C7+C9+C10)	(9,584,773.66)	8,802,601	(18,387,374.66) (208.89)
3 Total of Beginning & Ending True-Up Amts.	(16,844,073.58)	21,039,571	(37,883,644.58) (180.06)
4 Average True-Up Amount	(8,422,036.79)	10,519,786	(18,941,822.79) (180.06)
Interest Rate			
5 1st Day of Reporting Business Month	1.08	1.08	0.0000
Interest Rate			
6 1st Day of Subsequent Business Month	1.12	1.12	0.0000
7 Total (D5+D6)	2.20	2.20	0.0000
8 Annual Average Interest Rate	1.10	1.10	0.0000
9 Monthly Average Interest Rate (D8/12)	0.0917	0.0917	0.0000
10 Interest Provision (D4*D9)	(7,723.01)	9,647	(17,370.01) (180.06)
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: JULY 2017**

	CURRENT MONTH				PERIOD - TO - DATE			
	ACTUAL	EST.	DIFFERENCE AMOUNT	%	ACTUAL	EST.	DIFFERENCE AMOUNT	%
<b><u>FUEL COST-NET GEN.(\$)</u></b>	<b><u>(1)</u></b>	<b><u>(2)</u></b>	<b><u>(3)</u></b>	<b><u>(4)</u></b>	<b><u>(5)</u></b>	<b><u>(6)</u></b>	<b><u>(7)</u></b>	<b><u>(8)</u></b>
1 LIGHTER OIL (B.L.)	92,285	72,306	19,979	27.63	581,149	424,477	156,672	36.91
2 COAL	15,503,449	18,545,100	(3,041,651)	(16.40)	76,346,012	76,109,730	236,282	0.31
2a Coal at Scherer	2,859,018	3,394,795	(535,777)	(15.78)	8,406,720	13,519,789	(5,113,069)	(37.82)
2b Scherer/Flint Credit	(723,518)	(807,961)	84,443	(10.45)	(723,518)	(807,961)	84,443	(10.45)
3 GAS	11,734,467	11,725,867	8,600	0.07	69,619,749	66,396,009	3,223,740	4.86
4 GAS (B.L.)	68,203	349,840	(281,637)	(80.50)	2,254,237	2,420,618	(166,381)	(6.87)
5 LANDFILL GAS	71,635	70,774	861	1.22	488,255	454,817	33,438	7.35
6 OIL - C.T.	0	0	0	0.00	61,022	0	61,022	100.00
7 TOTAL (\$)	<u>29,605,540</u>	<u>33,350,721</u>	<u>(3,745,181)</u>	<u>(11.23)</u>	<u>157,033,626</u>	<u>158,517,479</u>	<u>(1,483,853)</u>	<u>(0.94)</u>
<b><u>SYSTEM NET GEN. (MWH)</u></b>								
8 LIGHTER OIL	0	0	0	0.00	0	0	0	0.00
9 COAL	480,225	629,064	(148,840)	(23.66)	2,363,515	2,324,291	39,224	1.69
9a Coal at Scherer	108,635	124,363	(15,728)	(12.65)	303,780	594,812	(291,032)	(48.93)
9b Scherer/Flint Credit	(25,948)	(29,598)	3,650	(12.33)	(25,948)	(29,598)	3,650	(12.33)
10 GAS	397,108	372,984	24,124	6.47	2,463,434	2,377,033	86,401	3.63
11 LANDFILL GAS	2,116	2,097	19	0.91	14,425	14,355	70	0.49
12 OIL - C.T.	(11)	0	(11)	100.00	191	0	191	100.00
13 TOTAL (MWH)	<u>962,124</u>	<u>1,098,910</u>	<u>(136,786)</u>	<u>(12.45)</u>	<u>5,119,397</u>	<u>5,280,893</u>	<u>(161,496)</u>	<u>(3.06)</u>
<b><u>UNITS OF FUEL BURNED</u></b>								
14 LIGHTER OIL (BBL)	1,294	1,047	247	23.59	6,966	6,335	631	9.96
15 COAL (TONS)	248,945	308,730	(59,785)	(19.36)	1,174,339	1,114,858	59,481	5.34
16 GAS (MCF) (1)	2,805,154	2,541,682	263,472	10.37	17,442,158	15,956,984	1,485,174	9.31
17 OIL - C.T. (BBL)	0	0	0	0.00	627	0	627	100.00
<b><u>BTU'S BURNED (MMBTU)</u></b>								
18 COAL + GAS B.L. + OIL B.L.	6,189,584	7,821,697	(1,632,113)	(20.87)	29,303,613	30,108,883	(805,270)	(2.67)
19 GAS - Generation (1)	2,858,788	2,592,516	266,272	10.27	17,535,358	16,276,124	1,259,234	7.74
20 OIL - C.T.	0	0	0	0.00	3,009	0	3,009	100.00
21 TOTAL (MMBTU)	<u>9,048,372</u>	<u>10,414,213</u>	<u>(1,365,841)</u>	<u>(13.12)</u>	<u>46,841,980</u>	<u>47,742,439</u>	<u>(900,459)</u>	<u>(1.89)</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	58.51	65.87	(7.36)	(11.17)	51.59	54.72	(3.13)	(5.72)
24 GAS	41.27	33.94	7.33	21.60	48.13	45.01	3.12	6.93
25 LANDFILL GAS	0.22	0.19	0.03	15.79	0.28	0.27	0.01	3.70
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)	71.30	69.07	2.23	3.23	83.42	67.01	16.41	24.49
29 COAL (\$/TON)	62.28	60.07	2.21	3.68	65.01	68.27	(3.26)	(4.78)
30 GAS (\$/MCF) (1)	4.13	4.66	(0.53)	(11.37)	4.05	4.22	(0.17)	(4.03)
31 OIL - C.T. (\$/BBL)	0.00	0.00	0.00	0.00	97.32	0.00	97.32	100.00
<b><u>FUEL COST (\$)/MMBTU</u></b>								
32 COAL + GAS B.L. + OIL B.L.	2.88	2.76	0.12	4.35	2.96	3.04	(0.08)	(2.63)
33 GAS - Generation (1)	4.03	4.43	(0.40)	(9.03)	3.90	3.99	(0.09)	(2.26)
34 OIL - C.T.	0.00	0.00	0.00	0.00	20.28	0.00	20.28	100.00
35 TOTAL (\$/MMBTU)	<u>3.24</u>	<u>3.17</u>	<u>0.07</u>	<u>2.21</u>	<u>3.31</u>	<u>3.28</u>	<u>0.03</u>	<u>0.91</u>
<b><u>BTU BURNED / KWH</u></b>								
36 COAL + GAS B.L. + OIL B.L.	10,996	10,806	190	1.76	11,094	10,420	674	6.47
37 GAS - Generation (1)	7,336	7,114	222	3.12	7,255	6,987	268	3.84
38 OIL - C.T.	0	0	0	0.00	15,755	0	15,755	100.00
39 TOTAL (BTU/KWH)	<u>9,498</u>	<u>9,570</u>	<u>(72)</u>	<u>(0.75)</u>	<u>9,260</u>	<u>9,148</u>	<u>112</u>	<u>1.22</u>
<b><u>FUEL COST (¢/KWH)</u></b>								
40 COAL + GAS B.L. + OIL B.L.	3.16	2.98	0.18	6.04	3.29	3.17	0.12	3.79
41 GAS	2.95	3.14	(0.19)	(6.05)	2.83	2.79	0.04	1.43
42 LANDFILL GAS	3.39	3.38	0.01	0.30	3.38	3.17	0.21	6.62
43 OIL - C.T.	0.00	0.00	0.00	0.00	31.95	0.00	31.95	100.00
44 TOTAL (¢/KWH)	<u>3.08</u>	<u>3.03</u>	<u>0.05</u>	<u>1.65</u>	<u>3.07</u>	<u>3.00</u>	<u>0.07</u>	<u>2.33</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: JULY 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	30,701	55.0	100.0	56.6	11,916	Coal	16,345	11,190	365,823	1,020,840	3.33	62.46
2			0					Gas-G	0	1,026	0	0	0.00	0.00
3								Gas-S	4,724	1,026	4,849	23,381	0.00	4.95
4								Oil-S	328	138,500	1,911	22,661	2.54	69.09
5	Crist 5	75	29,284	52.5	100.0	54.5	9,110	Coal	11,923	11,188	266,789	744,597	2.54	62.45
6			0					Gas-G	109,664	1,026	112,569	542,761	0.00	4.95
7								Gas-S	1,587	1,026	1,629	7,855	0.00	4.95
8								Oil-S	215	138,500	1,245	14,761	3.04	68.67
9	Crist 6	299	112,003	50.3	80.4	62.6	10,908	Coal	54,460	11,217	1,221,765	3,401,149	3.04	62.45
10			0					Gas-G	0	1,026	0	0	0.00	0.00
11								Gas-S	3,667	1,026	3,765	18,151	0.00	4.95
12								Oil-S	26	138,500	152	1,800	2.93	69.23
13	Crist 7	475	196,650	55.6	77.7	69.4	10,543	Coal	92,346	11,226	2,073,352	5,767,157	2.93	62.45
14			0					Gas-G	0	1,026	0	0	0.00	0.00
15								Gas-S	3,802	1,026	3,902	18,817	0.00	4.95
16								Oil-S	116	138,500	677	8,027	2.88	69.20
17	Smith 3	577	381,027	88.8	100.0	102.4	7,207	Gas-G	2,681,710	1,024	2,746,219	10,978,715	2.88	4.09
18	Smith A	(1)	(11)	0.0	98.8	0.0	0	Oil	0	138,500	0	0	0.00	0.00
19	Scherer 3	(2)	108,635	68.2	96.8	71.8	9,840	Coal	8,339	8,339	1,068,923	3,023,622	2.78	0.00
20								Oil	72	140,150	424	5,487	0.00	76.21
21	Scherer/Flint Credit	(51)	(25,948)	N/A	N/A	N/A	N/A	Coal	(17)	N/A	(255,318)	(722,207)	N/A	N/A
22								Oil	(17)	N/A	(101)	(1,311)	N/A	N/A
23	Other Generation		7,391					Landfill Gas				212,992	2.88	0.00
24	Perdido		2,116									71,635	3.39	0.00
25	Daniel 1	(3)	251	29.1	90.0	32.3	11,998	Coal	33,170	9,817	651,230	2,039,968	3.76	61.50
26								Oil-S	353	138,500	2,055	22,925	0.00	64.94
27	Daniel 2	(3)	251	35.3	99.3	35.5	11,743	Coal	40,701	9,521	775,022	2,503,133	3.79	61.50
28								Oil-S	256	138,500	1,490	16,823	0.00	64.93
29	Total		962,124	58.8	93.3	68.9	9,498				9,048,372	29,743,538	3.09	

Notes & Adjust.:	Units	\$	cents/kwh
(1) Smith A uses lighter oil	N/A	(4,022)	
(2) Represents Gulf's 25% ownership	Daniel Railcar Track Deprec.	30,627	
(3) Represents Gulf's 50% Ownership	Coal Additive-Daniel Inventory Adj-Scherer	(164,603)	
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	29,805,540	3.08

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

	CURRENT MONTH				PERIOD-TO-DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
<b><u>LIGHT OIL</u></b>								
<b>1 PURCHASES :</b>								
2 UNITS (BBL)	508	979	(471)	(48.11)	10,385	6,249	4,136	66.19
3 UNIT COST (\$/BBL)	65.97	70.03	(4.06)	(5.80)	70.68	69.03	1.65	2.39
4 <u>AMOUNT (\$)</u>	<u>33,512</u>	<u>68,564</u>	<u>(35,052)</u>	<u>(51.12)</u>	<u>734,046</u>	<u>431,375</u>	<u>302,671</u>	<u>70.16</u>
<b>5 BURNED :</b>								
6 UNITS (BBL)	1,414	1,047	367	35.06	8,750	6,335	2,415	38.12
7 UNIT COST (\$/BBL)	67.85	69.07	(1.22)	(1.77)	69.52	67.01	2.51	3.75
8 <u>AMOUNT (\$)</u>	<u>95,937</u>	<u>72,306</u>	<u>23,631</u>	<u>32.68</u>	<u>608,309</u>	<u>424,477</u>	<u>183,832</u>	<u>43.31</u>
<b>9 ENDING INVENTORY :</b>								
10 UNITS (BBL)	6,208	7,047	(839)	(11.91)	6,208	7,047	(839)	(11.91)
11 UNIT COST (\$/BBL)	68.18	68.39	(0.21)	(0)	68.18	68.39	(0.21)	(0.31)
12 <u>AMOUNT (\$)</u>	<u>423,272</u>	<u>481,962</u>	<u>(58,690)</u>	<u>(12.18)</u>	<u>423,272</u>	<u>481,962</u>	<u>(58,690)</u>	<u>(12.18)</u>
13 <u>DAYS SUPPLY</u>	<u>N/A</u>	<u>N/A</u>						
<b><u>COAL EXCLUDING PLANT SCHERER</u></b>								
<b>14 PURCHASES :</b>								
15 UNITS (TONS)	267,955	319,150	(51,195)	(16.04)	1,131,342	1,023,030	108,312	10.59
16 UNIT COST (\$/TON)	59.14	56.69	2.45	4.32	64.16	63.95	0.21	0.33
17 <u>AMOUNT (\$)</u>	<u>15,846,475</u>	<u>18,094,146</u>	<u>(2,247,671)</u>	<u>(12.42)</u>	<u>72,589,116</u>	<u>65,418,745</u>	<u>7,170,371</u>	<u>10.96</u>
<b>18 BURNED :</b>								
19 UNITS (TONS)	248,945	308,730	(59,785)	(19.36)	1,174,339	1,114,858	59,481	5.34
20 UNIT COST (\$/TON)	62.17	60.07	2.10	3.50	64.85	68.27	(3.42)	(5.01)
21 <u>AMOUNT (\$)</u>	<u>15,476,843</u>	<u>18,545,100</u>	<u>(3,068,257)</u>	<u>(16.54)</u>	<u>76,160,323</u>	<u>76,109,730</u>	<u>50,593</u>	<u>0.07</u>
<b>22 ENDING INVENTORY :</b>								
23 UNITS (TONS)	491,197	482,608	8,589	1.78	491,197	482,608	8,589	1.78
24 UNIT COST (\$/TON)	62.01	61.41	0.60	0.98	62.01	61.41	0.60	0.98
25 <u>AMOUNT (\$)</u>	<u>30,456,858</u>	<u>29,636,272</u>	<u>820,586</u>	<u>2.77</u>	<u>30,456,858</u>	<u>29,636,272</u>	<u>820,586</u>	<u>2.77</u>
26 <u>DAYS SUPPLY</u>	<u>30</u>	<u>29</u>	<u>1</u>	<u>3.45</u>				
<b><u>COAL AT PLANT SCHERER</u></b>								
<b>27 PURCHASES :</b>								
28 UNITS (MMBTU)	795,940	1,155,287	(359,347)	(31.10)	3,612,930	5,373,555	(1,760,625)	(32.76)
29 UNIT COST (\$/MMBTU)	2.54	2.44	0.10	4.10	2.65	2.44	0.21	8.61
30 <u>AMOUNT (\$)</u>	<u>2,024,525</u>	<u>2,814,717</u>	<u>(790,192)</u>	<u>(28.07)</u>	<u>9,569,506</u>	<u>13,131,717</u>	<u>(3,562,211)</u>	<u>(27.13)</u>
<b>31 BURNED :</b>								
32 UNITS (MMBTU)	1,068,923	1,336,878	(267,955)	(20.04)	3,163,279	5,421,034	(2,257,755)	(41.65)
33 UNIT COST (\$/MMBTU)	2.63	2.54	0.09	3.54	2.64	2.49	0.15	6.02
34 <u>AMOUNT (\$)</u>	<u>2,807,364</u>	<u>3,394,795</u>	<u>(587,431)</u>	<u>(17.30)</u>	<u>8,355,065</u>	<u>13,519,789</u>	<u>(5,164,724)</u>	<u>(38.20)</u>
<b>35 ENDING INVENTORY :</b>								
36 UNITS (MMBTU)	3,325,142	2,557,392	767,750	30.02	3,325,142	2,557,392	767,750	30.02
37 UNIT COST (\$/MMBTU)	2.63	2.61	0.02	0.77	2.63	2.61	0.02	0.77
38 <u>AMOUNT (\$)</u>	<u>8,739,690</u>	<u>6,668,710</u>	<u>2,070,980</u>	<u>31.06</u>	<u>8,739,690</u>	<u>6,668,710</u>	<u>2,070,980</u>	<u>31.06</u>
39 <u>DAYS SUPPLY</u>	<u>63</u>	<u>48</u>	<u>15</u>	<u>31.25</u>				
<b><u>GAS</u></b> (Reported on a MMBTU and \$ basis)								
<b>40 PURCHASES :</b>								
41 UNITS (MMBTU)	2,872,933	2,592,516	280,417	10.82	17,500,764	16,276,124	1,224,640	7.52
42 UNIT COST (\$/MMBTU)	4.01	4.43	(0.42)	(9.48)	3.95	3.99	(0.04)	(1.00)
43 <u>AMOUNT (\$)</u>	<u>11,524,648</u>	<u>11,491,361</u>	<u>33,287</u>	<u>0.29</u>	<u>69,056,293</u>	<u>64,956,812</u>	<u>4,099,481</u>	<u>6.31</u>
<b>44 BURNED :</b>								
45 UNITS (MMBTU)	2,872,933	2,592,516	280,417	10.82	17,858,044	16,276,124	1,581,920	9.72
46 UNIT COST (\$/MMBTU)	4.04	4.43	(0.39)	(8.80)	3.95	3.99	(0.04)	(1.00)
47 <u>AMOUNT (\$)</u>	<u>11,596,248</u>	<u>11,491,361</u>	<u>104,887</u>	<u>0.91</u>	<u>70,595,688</u>	<u>64,956,812</u>	<u>5,638,876</u>	<u>8.68</u>
<b>48 ENDING INVENTORY :</b>								
48 UNITS (MMBTU)	758,773	0	758,773	100.00	758,773	0	758,773	100.00
50 UNIT COST (\$/MMBTU)	4.00	0.00	4.00	100.00	4.00	0.00	4.00	100.00
51 <u>AMOUNT (\$)</u>	<u>3,035,205</u>	<u>0</u>	<u>3,035,205</u>	<u>100.00</u>	<u>3,035,205</u>	<u>0</u>	<u>3,035,205</u>	<u>100.00</u>

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

	CURRENT MONTH				PERIOD-TO-DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
<b><u>OTHER - C.T. OIL</u></b>								
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	0	36,877	100.00
56 BURNED :								
57 UNITS (BBL)	0	0	0	0.00	627	0	627	100.00
58 UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	97.33	0.00	97.33	100.00
59 AMOUNT (\$)	0	0	0	0.00	61,023	0	61,023	100.00
60 ENDING INVENTORY :								
61 UNITS (BBL)	6,825	6,825	0	0.00	6,825	6,825	0	0.00
62 UNIT COST (\$/BBL)	95.69	95.69	0.00	0.00	95.69	95.69	0.00	0.00
63 AMOUNT (\$)	653,065	653,065	0	0.00	653,065	653,065	0	0.00
64 HOURS SUPPLY	77	77	0	0.00				

POWER SOLD  
GULF POWER COMPANY  
FOR THE MONTH OF: JULY 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)	(b)	(5) x (6)(a) TOTAL \$ FOR FUEL ADJ.	(5) x (6)(b) TOTAL COST \$
					¢ / KWH FUEL COST	TOTAL COST		
<i>ESTIMATED</i>								
1	Southern Company Interchange	491,386,900	0	491,386,900	3.07	3.52	15,090,600	17,285,100
2	Various Economy Sales	8,568,800	0	8,568,800	3.13	3.58	268,000	306,700
3	Gain on Econ. Sales	0	0	0	0.00	0.00	29,600	37,000
4	TOTAL ESTIMATED SALES	<u>499,955,700</u>	<u>0</u>	<u>499,955,700</u>	<u>3.08</u>	<u>3.53</u>	<u>15,388,200</u>	<u>17,628,800</u>
<i>ACTUAL</i>								
5	Southern Company Interchange	302,783,055	0	302,783,055	2.86	3.11	8,667,365	9,421,240
6	A.E.C. External	289,136	0	289,136	3	3.82	8,544	11,037
7	CARGILE External	195,087	0	195,087	3.48	4.44	6,784	8,668
8	DUKE PWR External	0	0	0	0.00	0.00	0	0
9	EAGLE EN External	141,379	0	141,379	2.76	3.45	3,901	4,883
10	ENDURE External	49,106	0	49,106	3.48	5.01	1,708	2,459
11	EXELON External	18,663	0	18,663	2.55	2.98	477	556
12	FPC External	0	0	0	0.00	0.00	0	0
13	FPL External	741,612	0	741,612	3.09	4.75	22,952	35,230
14	MERCURIA External	0	0	0	0.00	0.00	0	0
15	MISO External	1,054,835	0	1,054,835	3.25	5.05	34,301	53,238
16	MORGAN External	269,798	0	269,798	3.33	4.28	8,994	11,540
17	NCEMC External	4,605	0	4,605	3.03	3.78	139	174
18	NCMPA1 External	3,069	0	3,069	2.76	3.60	85	111
19	OPC External	33,763	0	33,763	3.77	5.02	1,274	1,694
20	ORLANDO External	220,992	0	220,992	3.39	4.61	7,502	10,196
21	PJM External	83,056	0	83,056	4.12	4.33	3,425	3,599
22	REMC External	1,473	0	1,473	2.23	2.90	33	43
23	SCE&G External	24,556	0	24,556	3.33	4.80	818	1,179
24	SEC External	747,700	0	747,700	3.17	4.20	23,712	31,440
25	SEPA External	3,475,475	0	3,475,475	2.43	3.10	84,539	107,786
26	TAL External	46,963	0	46,963	3.29	4.86	1,546	2,284
27	TEA External	1,051,392	0	1,051,392	2.58	3.49	27,155	36,665
28	TECO External	288,219	0	288,219	3.42	5.34	9,858	15,378
29	TVA External	590,614	0	590,614	3.39	4.61	20,004	27,234
30	WRI External	44,936	0	44,936	3.53	5.12	1,585	2,299
31	Less: Flow-Thru Energy	(9,376,429)	0	(9,376,429)	2.86	2.86	(268,421)	(268,421)
32	SEPA	1,189,672	1,189,672	0	0.00	0.00	0	0
33	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	34,433	43,041
34	Other transactions including adj.	<u>135,240,342</u>	<u>98,505,983</u>	<u>36,734,359</u>	0.00	0.00	<u>0</u>	<u>0</u>
35	TOTAL ACTUAL SALES	439,213,069	99,695,655	339,517,414	1.98	2.17	8,702,711	9,520,511
36	Difference in Amount	(60,742,631)	99,695,655	(160,438,286)	(1.10)	(1.36)	(6,685,489)	(8,108,289)
37	Difference in Percent	(12.15)	0.00	(32.09)	(35.71)	(38.53)	(43.45)	(45.99)

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 33

POWER SOLD  
GULF POWER COMPANY  
FOR THE MONTH OF: JULY 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	2,299,346,900	0	2,299,346,900	2.70	3.14	62,036,600	72,175,100
2	Various Economy Sales	82,505,800	0	82,505,800	2.40	2.90	1,979,000	2,388,700
3	Gain on Econ. Sales	0	0	0	0.00	0.00	272,600	280,000
4	TOTAL ESTIMATED SALES	<u>2,381,852,700</u>	<u>0</u>	<u>2,381,852,700</u>	<u>2.70</u>	<u>3.14</u>	<u>64,288,200</u>	<u>74,843,800</u>
<i>ACTUAL</i>								
5	Southern Company Interchange	1,997,583,886	0	1,997,583,886	2.56	2.80	51,236,563	55,947,754
6	A.E.C. External	2,278,713	0	2,278,713	2.74	3.41	62,374	77,783
7	CARGILE External	112,243,915	0	112,243,915	2.13	3.37	2,390,454	3,781,183
8	DUKE PWR External	82,872	0	82,872	2.26	3.50	1,874	2,901
9	EAGLE EN External	4,486,408	0	4,486,408	3.00	3.30	134,485	148,020
10	ENDURE External	92,381	0	92,381	3.03	4.64	2,798	4,288
11	EXELON External	1,183,866	0	1,183,866	9.18	3.22	108,708	38,124
12	FPC External	1,018,224	0	1,018,224	2.59	3.62	26,378	36,812
13	FPL External	2,273,897	0	2,273,897	2.95	4.10	67,092	93,140
14	MERCURIA External	32,801,596	0	32,801,596	2.23	3.77	731,737	1,238,254
15	MISO External	10,985,116	0	10,985,116	2.31	3.08	254,000	338,204
16	MORGAN External	3,129,246	0	3,129,246	2.43	3.13	75,886	97,903
17	NCEMC External	153,111	0	153,111	2.67	3.45	4,095	5,277
18	NCMPA1 External	12,584	0	12,584	1.89	2.54	237	320
19	OPC External	565,379	0	565,379	2.80	3.90	15,846	22,072
20	ORLANDO External	949,645	0	949,645	2.82	3.87	26,821	36,767
21	PJM External	2,884,506	0	2,884,506	2.34	3.50	67,495	100,934
22	REMC External	52,173	0	52,173	2.76	3.44	1,438	1,797
23	SCE&G External	137,941	0	137,941	2.80	4.25	3,863	5,856
24	SEC External	3,258,414	0	3,258,414	3.07	4.05	100,062	131,899
25	SEPA External	16,520,430	0	16,520,430	2.29	2.98	378,280	492,601
26	TAL External	607,885	0	607,885	2.56	3.48	15,561	21,166
27	TEA External	11,545,265	0	11,545,265	2.45	2.98	282,559	343,956
28	TECO External	558,014	0	558,014	3.17	4.77	17,677	26,636
29	TVA External	4,751,914	0	4,751,914	2.88	3.93	136,626	186,644
30	WRI External	1,078,287	0	1,078,287	2.55	3.30	27,518	35,569
31	Less: Flow-Thru Energy	(72,140,782)	0	(72,140,782)	2.48	2.48	(1,792,253)	(1,792,253)
32	SEPA	6,833,112	6,833,112	0	0.00	0.00	0	0
33	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	1,646,994	1,840,701
34	Other transactions including adj.	<u>942,349,149</u>	<u>509,577,402</u>	<u>432,771,747</u>	0.00	0.00	<u>0</u>	<u>0</u>
35	TOTAL ACTUAL SALES	<u>3,088,277,147</u>	<u>516,410,514</u>	<u>2,571,866,633</u>	<u>1.81</u>	<u>1.99</u>	<u>56,025,150</u>	<u>61,423,607</u>
36	Difference in Amount	706,424,447	516,410,514	190,013,933	(0.89)	(1.15)	(8,263,050)	(13,420,193)
37	Difference in Percent	29.66	0.00	7.98	(32.96)	(36.62)	(12.85)	(17.93)

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 33

**SCHEDULE A-7**

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

NONE

ACTUAL:

NONE

SCHEDULE A-8

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

(1) PURCHASED FROM:	CURRENT MONTH						(7) ¢/KWH	(8) TOTAL \$ FOR FUEL ADJ.
	(2) TYPE AND SCHEDULE	(3) TOTAL KWH PURCHASED	(4) KWH FOR OTHER UTILITIES	(5) KWH FOR INTERRUPTIBLE	(6) KWH FOR FIRM	(A) FUEL COST		
<i>ACTUAL</i>								
2 Bay County/Engen, LLC	Contract	5,663,000	0	0	0	0	3.52	199,223
3 Renewable Energy Customers	COG 1	0	0	0	0	0	0.00	258
4 Ascend Performance Materials	COG 1	12,603,296	0	0	0	0	2.90	365,824
5 International Paper	COG 1	72,807	0	0	0	0	3.56	2,590
6 TOTAL		18,339,103	0	0	0	0	3.10	567,893

(1) PURCHASED FROM:	PERIOD-TO-DATE						(7) ¢/KWH	(8) TOTAL \$ FOR FUEL ADJ.
	(2) TYPE AND SCHEDULE	(3) TOTAL KWH PURCHASED	(4) KWH FOR OTHER UTILITIES	(5) KWH FOR INTERRUPTIBLE	(6) KWH FOR FIRM	(A) FUEL COST		
<i>ACTUAL</i>								
2 Bay County/Engen, LLC	Contract	35,953,000	0	0	0	0	3.52	1,264,914
3 Renewable Energy Customers	COG 1	0	0	0	0	0	0.00	384
4 Ascend Performance Materials	COG 1	113,895,996	0	0	0	0	2.62	2,985,486
5 International Paper	COG 1	2,061,676	0	0	0	0	2.43	50,188
6 TOTAL		151,910,672	0	0	0	0	2.83	4,300,972



**SCHEDULE A-9**

**ECONOMY ENERGY PURCHASES  
INCLUDING LONG TERM PURCHASES  
GULF POWER COMPANY  
FOR THE MONTH OF: JULY 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	4,906,800	3.80	186,400	349,440,800	2.67	9,336,400
2	Economy Energy	665,362,000	3.17	21,121,000	688,944,000	3.16	21,789,000
3	Other Purchases	0	0.00	0	2,906,013,000	3.24	94,031,000
4	TOTAL ESTIMATED PURCHASES	<u>670,268,800</u>	<u>3.18</u>	<u>21,307,400</u>	<u>3,944,397,800</u>	<u>3.17</u>	<u>125,156,400</u>
<u>ACTUAL</u>							
5	Southern Company Interchange	16,729,420	2.70	452,328	403,608,798	2.90	11,693,394
6	Non-Associated Companies	69,386,535	0.60	418,649	345,742,832	0.60	2,076,274
7	Purchased Power Agreements	487,098,000	2.84	13,852,145	2,563,834,000	2.90	74,356,101
8	Renewable Energy Purchase Agreements	90,637,208	3.31	2,995,593	591,869,208	3.44	20,361,863
9	Other Wheeled Energy	66,733,203	0.00	N/A	538,899,338	0.00	N/A
10	Other Transactions	17,267,080	0.07	12,528	146,892,620	0.05	76,937
11	Less: Flow-Thru Energy	(9,376,429)	3.18	(298,048)	(72,140,782)	2.70	(1,947,957)
12	TOTAL ACTUAL PURCHASES	<u>738,475,017</u>	<u>2.36</u>	<u>17,433,194</u>	<u>4,518,706,014</u>	<u>2.36</u>	<u>106,616,612</u>
13	Difference in Amount	68,206,217	(0.82)	(3,874,206)	574,308,214	(0.81)	(18,539,788)
14	Difference in Percent	10.18	(25.79)	(18.18)	14.56	(25.55)	(14.81)

2017 CAPACITY CONTRACTS  
GULF POWER COMPANY

Capacity Costs (\$)	CONTRACT/COUNTERPARTY	CONTRACT TYPE	TERM Start	TERM End	January	February	March	April	May	June	July	August	September	October	November	December	YTD
1	Southern Intercompany Interchange	SES Opco	2/18/2007	5 Yr Notice	795	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	0	0	0	0	0	50,487,188
	Total				7,215,404	7,214,609	7,214,609	7,214,609	7,244,205	7,185,013	7,199,534	0	0	0	0	0	50,487,983

Capacity Costs (MW)	CONTRACT/COUNTERPARTY	CONTRACT TYPE	TERM Start	TERM End	January	February	March	April	May	June	July	August	September	October	November	December
1	Southern Intercompany Interchange	SES Opco	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

<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
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 21st day of August, 2017 to the following:

Florida Public Utilities Company  
Florida Division of Chesapeake  
Utilities Corp  
Mike Cassel, Director  
Regulatory and Governmental Affairs  
1750 SW 14<sup>th</sup> Street, Suite 200  
Fernandina Beach, FL 32034  
[mcassel@fpuc.com](mailto: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](mailto:jbrew@smxblaw.com)  
[law@smxblaw.com](mailto: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](mailto:Dianne.triplett@duke-energy.com)  
[John.burnett@duke-energy.com](mailto: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](mailto:John.Butler@fpl.com)  
[Maria.moncada@fpl.com](mailto:Maria.moncada@fpl.com)

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

Ausley Law Firm  
James D. Beasley  
J. Jeffrey Wahlen  
Post Office Box 391  
Tallahassee, FL 32302  
[jbeasley@ausley.com](mailto:jbeasley@ausley.com)  
[jwahlen@ausley.com](mailto:jwahlen@ausley.com)

Gunster Law Firm  
Beth Keating  
215 South Monroe Street, Suite 601  
Tallahassee, FL 32301-1839  
[bkeating@gunster.com](mailto: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](mailto:Christensen.patty@leg.state.fl.us)  
[Sayler.erik@leg.state.fl.us](mailto:Sayler.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](mailto:Matthew.bernier@duke-energy.com)  
[Cameron.Cooper@duke-energy.com](mailto: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](mailto:jmoyle@moylelaw.com)

Tampa Electric Company  
Ms. Paula K. Brown, Manager  
Regulatory Coordination  
P. O. Box 111  
Tampa, FL 33601-0111  
[Regdept@tecoenergy.com](mailto: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](mailto:djanjic@psc.state.fl.us)  
[sbrownle@psc.state.fl.us](mailto:sbrownle@psc.state.fl.us)  
[ASoete@psc.state.fl.us](mailto: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](mailto:schef@gbwlegal.com)  
[jlavia@gbwlegal.com](mailto:jlavia@gbwlegal.com)



**JEFFREY A. STONE**  
**General Counsel**  
Florida Bar No. 325953  
[jastone@southernco.com](mailto: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](mailto:rab@beggslane.com)  
**STEVEN R. GRIFFIN**  
Florida Bar No. 0627569  
[srg@beggslane.com](mailto:srg@beggslane.com)  
**Beggs & Lane**  
P. O. Box 12950  
Pensacola FL 32591-2950  
(850) 432-2451  
**Attorneys for Gulf Power**