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October 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 September 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**

**September 2017**



**Gulf Power**

**SCHEDULE A1a**

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

<b><u>LINE</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>REFERENCE</u></b>	<b><u>AMOUNT</u></b>
1	Fuel Cost of System Net Generation	Schedule A-3	\$ 26,957,433
2	Scherer/Flint Credit	Schedule A-3, Line 2b	\$ (669,714)
3	Adjustments to Fuel Cost	Schedule A-2, Line A-7	\$ 258
4	Hedging Settlement Costs	Schedule A-2, Line A-5	\$ 2,266,230
5	Fuel Cost of Purchased Power	Schedule A-7	\$ -
6	Energy Cost of Economy Purchases	Sch. A-9, Col. 4, Line 12	\$ 15,942,870
7	Demand & Non Fuel Cost of Purchased Power	Schedule A-9	\$ -
8	Energy Payments to Qualified Facilities	Sch. A-8, Col. 8, Line 6	\$ 463,334
9	Fuel Cost of Power Sold	Sch. A-6, Col. 7	<u>\$ (9,909,135)</u>
10	Total Fuel and Net Power Transactions		<u>\$ 35,051,276</u>

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

	DOLLARS			DIFFERENCE			KWH			CENTS/KWH		
	ACTUAL	EST'D	DIFFERENCE AMT	%	ACTUAL	EST'D	DIFFERENCE AMT	%	ACTUAL	EST'D	DIFFERENCE AMT	%
1 Fuel Cost of System Net Generation (A3)	26,957,433	26,853,925	103,509	0.39	898,261,977	913,031,000	(14,769,023)	(1.62)	3,0011	2,9412	0.06	2.04
1a Hedging Settlement Costs (A2)	2,266,230	1,949,990	316,240	16.22	0	0	0	0.00	#N/A	#N/A	#N/A	#N/A
1b Scherer/Flint Credit	(669,714)	(748,566)	78,852	(10.53)	(23,714,493)	(27,966,000)	4,251,507	(15.20)	0.0000	0.0000	0.00	0.00
2 Adjustments to Fuel Cost (A2, Page 1) **	258	0	258	100.00	0	0	0	0.00	#N/A	#N/A	#N/A	#N/A
3 TOTAL COST OF GENERATED POWER	28,554,207	28,055,349	498,858	1.78	874,547,484	885,065,000	(10,517,516)	(1.19)	3.2650	3.1699	0.10	3.00
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)	15,942,870	20,707,000	(4,764,130)	(23.01)	683,296,749	646,808,000	36,488,749	5.64	2.3332	3.2014	(0.87)	(27.12)
6 Energy Payments to Qualifying Facilities (A8)	463,334	0	463,334	100.00	16,039,797	0	16,039,797	100.00	2.8887	0.0000	2.89	0.00
7 TOTAL COST OF PURCHASED POWER	16,406,204	20,707,000	(4,300,796)	(20.77)	699,336,546	646,808,000	52,528,546	8.12	2.3460	3.2014	(0.86)	(26.72)
8 Total Available MWH (Line 3 + Line 7)	44,960,411	48,762,349	(3,801,938)	(7.80)	1,573,884,030	1,531,873,000	42,011,030	2.74	(3.1700)	(3.0472)	(0.12)	(4.03)
9 Fuel Cost of Economy Sales (A6)	(288,900)	(221,200)	(67,700)	30.61	(9,113,529)	(7,259,100)	(1,854,429)	25.55	#N/A	#N/A	#N/A	#N/A
10 Gain on Economy Sales (A6)	(53,806)	(20,000)	(33,806)	168.03	0	0	0	0.00	(1.9634)	(2.8795)	0.92	31.81
11 Fuel Cost of Other Power Sales (A6)	(9,566,629)	(12,408,200)	2,841,571	(22.90)	(487,255,917)	(430,919,100)	(56,336,817)	13.07	(1.9963)	(2.8668)	0.89	30.85
12 TOTAL FUEL COSTS & GAINS OF POWER SALES (LINES 9 + 10 + 11)	(9,909,135)	(12,649,400)	2,740,265	(21.66)	(496,369,446)	(438,178,200)	(58,191,246)	13.28	3.2530	3.3019	(0.05)	(1.48)
13 TOTAL FUEL & NET POWER TRANSACTIONS (LINES 3 + 7 + 12)	35,051,276	36,112,949	(1,061,673)	(2.94)	1,077,514,584	1,093,694,800	(16,180,216)	(1.48)	3.2530	3.3019	(0.05)	(1.48)
14 Company Use *	40,396	43,816	(3,420)	(7.81)	1,241,811	1,327,000	(85,189)	(6.42)	3.2530	3.3019	(0.05)	(1.48)
15 T & D Losses *	2,096,708	1,781,666	315,042	17.68	64,454,583	53,958,800	10,495,783	19.45	3.4642	3.4777	(0.01)	(0.39)
16 TERRITORIAL KWH SALES	35,051,276	36,112,949	(1,061,673)	(2.94)	1,011,818,190	1,038,409,000	(26,590,810)	(2.56)	3.4642	3.4777	(0.01)	(0.39)
17 Wholesale KWH Sales	940,355	1,006,432	(66,077)	(6.57)	27,145,043	28,939,000	(1,793,957)	(6.20)	3.4642	3.4777	(0.01)	(0.39)
18 Jurisdictional KWH Sales	34,110,921	35,106,517	(995,596)	(2.84)	984,673,147	1,009,470,000	(24,796,853)	(2.46)	1.0012	1.0012	0.00	0.00
19 Jurisdictional Loss Multiplier	1,0012	1,0012	0	0.00	984,673,147	1,009,470,000	(24,796,853)	(2.46)	(0.2205)	(0.2151)	(0.01)	2.51
20 Jurisdictional KWH Sales Adj. for Line Losses	34,151,854	35,148,645	(996,791)	(2.84)	984,673,147	1,009,470,000	(24,796,853)	(2.46)	3.2478	3.2668	(0.02)	(0.58)
21 TRUE-UP	(2,171,651)	(2,171,651)	0	0.00	984,673,147	1,009,470,000	(24,796,853)	(2.46)	1.00072	1.00072	0.00	0.00
22 TOTAL JURISDICTIONAL FUEL COST	31,980,203	32,976,994	(996,791)	(3.02)	984,673,147	1,009,470,000	(24,796,853)	(2.46)	3.2501	3.2692	(0.02)	(0.58)
23 Revenue Tax Factor	(3,809)	(3,809)	0	0.00	984,673,147	1,009,470,000	(24,796,853)	(2.46)	(0.0004)	(0.0004)	0.00	0.00
24 Fuel Factor Adjusted for Revenue Taxes									3.2497	3.2688	(0.02)	(0.58)
25 GPIF Reward / (Penalty)									3.250	3.269	(0.02)	(0.58)
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  
SEPTEMBER 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)	211,818,400	220,520,035	(8,701,634)	(3.95)	6,937,663,192	7,388,444,000	(450,780,808)	(6.10)	3,0532	2,9847	0.07	2.30
1a Hedging Settlement Costs (A2)	17,452,992	5,902,270	11,550,722	195.70	0	0	0	0.00	#N/A	#N/A	#N/A	#N/A
1b Scherer/Flint Credit	(2,103,476)	(2,365,518)	262,042	(11.09)	(75,835,252)	(87,412,000)	11,576,748	(13.24)	0.0000	0.0000	0.00	0.00
2 Adjustments to Fuel Cost (A2, Page 1) **	6,487	0	6,487	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
3 TOTAL COST OF GENERATED POWER	227,174,404	224,056,787	3,117,617	1.39	6,861,827,940	7,301,032,000	(439,204,060)	(6.02)	3,3107	3,0688	0.24	7.88
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)	140,996,519	167,857,200	(26,860,681)	(16.00)	5,958,333,747	5,274,550,500	683,783,247	12.96	2,3664	3,1824	(0.82)	(25.64)
6 Energy Payments to Qualifying Facilities (A8)	5,289,989	2,457,000	2,832,989	115.30	185,740,608	92,411,000	93,329,608	100.99	2,8481	2,6588	0.19	7.12
7 TOTAL COST OF PURCHASED POWER	146,286,508	170,314,200	(24,027,692)	(14.11)	6,144,074,355	5,366,961,500	777,112,855	14.48	2,3809	3,1734	(0.79)	(24.97)
8 Total Available MWH (Line 5 + Line 12)	373,460,912	394,370,987	(20,910,075)	(5.30)	13,005,902,295	12,667,993,500	337,908,795	2.67	(2,4054)	(2,5035)	0.10	3.92
9 Fuel Cost of Economy Sales (A6)	(5,543,888)	(2,422,000)	(3,121,888)	128.89	(230,466,309)	(96,742,700)	(133,723,609)	138.23	#N/A	#N/A	#N/A	#N/A
10 Gain on Economy Sales (A6)	(1,720,826)	(322,200)	(1,398,626)	434.02	0	0	0	0.00	(1,7668)	(2,8215)	1.05	37.38
11 Fuel Cost of Other Power Sales (A6)	(66,090,610)	(92,703,500)	26,612,890	(28.71)	(3,740,672,200)	(3,285,663,500)	(455,008,700)	13.85	(1,8472)	(2,8219)	0.97	34.54
12 TOTAL FUEL COSTS & GAINS OF POWER SALES (LINES 14 + 15 + 16)	(73,354,924.01)	(95,447,700)	22,092,776	(23.15)	(3,971,138,509)	(3,382,406,200)	(588,732,309)	17.41	(1,8472)	(2,8219)	0.97	34.54
13 TOTAL FUEL & NET POWER TRANSACTIONS (LINES 5 + 12 + 17)	300,105,988	298,923,287	1,182,701	0.40	9,034,763,786	9,285,587,300	(250,823,514)	(2.70)	3,3217	3,2192	0.10	3.18
14 Company Use *	361,133	460,700	(99,567)	(21.61)	10,871,933	14,311,000	(3,439,067)	(24.03)	3,3217	3,2192	0.10	3.18
15 T & D Losses *	15,414,860	14,916,527	498,333	3.34	464,065,386	463,361,300	704,086	0.15	3,3217	3,2192	0.10	3.18
16 TERRITORIAL KWH SALES	300,105,987	298,923,287	1,182,700	0.40	8,559,826,467	8,807,915,000	(248,088,533)	(2.82)	3,5060	3,3938	0.11	3.31
17 Wholesale KWH Sales	8,157,925	8,678,291	(520,366)	(6.00)	232,523,405	255,795,000	(23,271,595)	(9.10)	3,5084	3,3927	0.12	3.41
18 Jurisdictional KWH Sales	291,948,062	290,244,996	1,703,066	0.59	8,327,303,062	8,552,120,000	(224,816,938)	(2.63)	3,5059	3,3938	0.11	3.30
19 Jurisdictional Loss Multiplier	1,0012	1,0012	0	0.00	0	0	0	0.00	1,0012	1,0012	0	0.00
20 Jurisdictional KWH Sales Adj. for Line Losses	292,352,046	290,646,424	1,705,622	0.59	8,327,303,062	8,552,120,000	(224,816,938)	(2.63)	3,5108	3,3985	0.11	3.30
21 TRUE-UP	(19,544,784)	(19,544,784)	0	0.00	8,327,303,062	8,552,120,000	(224,816,938)	(2.63)	(0,2347)	(0,2285)	(0,01)	2.71
22 TOTAL JURISDICTIONAL FUEL COST	272,807,262	271,101,640	1,705,622	0.63	8,327,303,062	8,552,120,000	(224,816,938)	(2.63)	3,2761	3,1700	0.11	3.35
23 Revenue Tax Factor									1,00072	1,00072	0	0.00
24 Fuel Factor Adjusted for Revenue Taxes									3,2785	3,1723	0.11	3.35
25 GPIF Reward / (Penalty)									(0,0004)	(0,0004)	0.00	0.00
26 Fuel Factor Adjusted for GPIF Reward / (Penalty)									3,2781	3,1719	0.11	3.35
27 FUEL FACTOR ROUNDED TO NEAREST .001(CENTS/KWH)									<u>3,278</u>	<u>3,172</u>		

\* 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: SEPTEMBER 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	26,778,308.14	26,626,973	151,335.14	210,192,496.92	218,619,380	(8,426,883.08)
1a Other Generation	179,124.73	226,952	(47,827.27)	1,625,903.53	1,900,655	(274,751.47)
1b Scherer/Flint Credit	(669,713.86)	(748,566)	78,851.83	(2,103,475.57)	(2,365,518)	262,042.13
2 Fuel Cost of Power Sold	(9,909,134.54)	(12,649,400)	2,740,265.46	(73,354,923.55)	(95,447,700)	22,092,776.45
3 Fuel Cost - Purchased Power	15,942,869.66	20,707,000	(4,764,130.34)	140,996,518.69	167,857,200	(26,860,681.31)
3a Demand & Non-Fuel Cost Purchased Power	0.00	0	0.00	0	0	0.00
3b Energy Payments to Qualifying Facilities	463,334.30	0	463,334.30	5,289,989.76	2,457,000	2,832,989.76
4 Energy Cost - Economy Purchases	0.00	0	0.00	0	0	0.00
5 Hedging Settlement Cost	2,266,230.00	1,949,990	316,240.00	17,452,992.00	5,902,270	11,550,722.00
6 Total Fuel & Net Power Transactions	35,051,018.43	36,112,949	(1,061,930.88)	300,099,501.78	298,923,287	1,176,214.48
7 Adjustments To Fuel Cost*	257.96	0	257.96	6,485.45	0	6,485.45
8 Adj. Total Fuel & Net Power Transactions	35,051,276.39	36,112,949	(1,061,672.61)	300,105,987.23	298,923,287	1,182,699.93
B. KWH Sales						
1 Jurisdictional Sales	984,673,147	1,009,470,000	(24,796,853)	8,327,303,062	8,552,120,000	(224,816,938)
2 Non-Jurisdictional Sales	27,145,043	28,939,000	(1,793,957)	232,523,405	255,795,000	(23,271,595)
3 Total Territorial Sales	1,011,818,190	1,038,409,000	(26,590,810)	8,559,826,467	8,807,915,000	(248,088,533)
4 Juris. Sales as % of Total Terr. Sales	97.3172	97.2131	0.1041	97.2836	97.0959	0.1877

\* (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: SEPTEMBER 2017

	CURRENT MONTH			PERIOD - TO - DATE		
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT (\$)	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT (\$)
C. True-up Calculation						
1 Jurisdictional Fuel Revenue	31,585,203.33	31,664,465	(79,261.56)	264,033,569.70	268,257,901	(4,224,331.41)
2 Fuel Adj. Revs. Not Applicable to Period:						
2a True-Up Provision	2,171,651.00	2,171,639	12.00	19,544,784.00	19,544,748	36.00
2b Incentive Provision	3,806.00	3,806	0.00	34,257.00	34,257	0.00
3 Juris. Fuel Revenue Applicable to Period	33,760,660.33	33,839,910	(79,249.67)	283,612,610.70	287,836,906	(4,224,295.30)
Adjusted Total Fuel & Net Power						
4 Transactions (Line A8)	35,051,276.39	36,112,949	(1,061,672.61)	300,105,987.23	298,923,287	1,182,700.23
5 Juris. Sales % of Total KWH Sales (Line B4)	97.3172	97.2131	0.1041	97.2836	97.0959	0.1877
Juris. Total Fuel & Net Power Transactions						
6 Adj. for Line Losses (C4*C5*1.0012)	34,151,853.85	35,148,645	(996,791.15)	292,352,045.99	290,646,424	1,705,621.99
True-Up Provision for the Month						
7 Over/(Under) Collection (C3-C6)	(391,193.52)	(1,308,735)	917,541.48	(8,739,435.29)	(2,809,518)	(5,929,917.29)
8 Interest Provision for the Month	(9,306.87)	4,136	(13,442.87)	(13,871.79)	103,429	(117,300.79)
9 Beginning True-Up & Interest Provision	(11,194,278.93)	7,285,066	(18,479,344.93)	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)	(19,544,784.00)	(19,544,748)	(36.00)
End of Period - Total Net True-Up, Before						
11 Adjustment (C7+C8+C9+C10)	(13,766,430.32)	3,808,828	(17,575,258.32)	(13,035,836.48)	3,808,828	(16,844,664.48)
12 Adjustment		0	0.00	(730,593.84)	0	(730,593.84)
13 End of Period - Total Net True-Up	(13,766,430.32)	3,808,828	(17,575,258.32)	(13,766,430.32)	3,808,828	(17,575,258.32)
			461.43			442.25
			0.00			100.00
			461.43			461.43



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

	CURRENT MONTH		
	\$ ACTUAL	ESTIMATED	DIFFERENCE AMOUNT (\$) %
D. Interest Provision			
1 Beginning True-Up Amount (C9)	(11,194,278.93)	7,285,066	(18,479,344.93) (253.66)
2 Ending True-Up Amount			
Before Interest (C7+C9+C10)	(13,757,123.45)	3,804,692	(17,561,815.45) (461.58)
3 Total of Beginning & Ending True-Up Amts.	(24,951,402.38)	11,089,758	(36,041,160.38) (325.00)
4 Average True-Up Amount	(12,475,701.19)	5,544,879	(18,020,580.19) (325.00)
Interest Rate			
5 1st Day of Reporting Business Month	1.06	1.06	0.0000
Interest Rate			
6 1st Day of Subsequent Business Month	0.73	0.73	0.0000
7 Total (D5+D6)	1.79	1.79	0.0000
8 Annual Average Interest Rate	0.90	0.90	0.0000
9 Monthly Average Interest Rate (D8/12)	0.0746	0.0746	0.0000
10 Interest Provision (D4*D9)	(9,306.87)	4,136	(13,442.87) (325.02)

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: SEPTEMBER 2017**

	CURRENT MONTH				PERIOD - TO - DATE			
	ACTUAL	EST.	DIFFERENCE		ACTUAL	EST.	DIFFERENCE	
	(1)	(2)	AMOUNT	%	(5)	(6)	AMOUNT	%
<b>FUEL COST-NET GEN.(\$)</b>								
1 LIGHTER OIL (B.L.)	59,545	72,763	(13,218)	(18.17)	739,704	579,932	159,772	27.55
2 COAL	12,549,044	12,560,953	(11,909)	(0.09)	101,088,470	107,107,685	(6,019,215)	(5.62)
2a Coal at Scherer	2,806,502	3,145,234	(338,732)	(10.77)	14,189,260	20,064,144	(5,874,884)	(29.28)
2b Scherer/Flint Credit	(669,714)	(748,566)	78,852	(10.53)	(2,103,476)	(2,365,518)	262,042	(11.08)
3 GAS	11,412,231	10,665,811	746,420	7.00	92,748,590	89,043,539	3,705,051	4.16
4 GAS (B.L.)	61,055	340,618	(279,563)	(82.08)	2,363,855	3,130,598	(766,743)	(24.49)
5 LANDFILL GAS	60,047	68,546	(8,499)	(12.40)	618,491	594,137	24,354	4.10
6 OIL - C.T.	9,009	0	9,009	100.00	70,031	0	70,031	100.00
7 TOTAL (\$)	<u>26,287,719</u>	<u>26,105,359</u>	<u>182,360</u>	<u>0.70</u>	<u>209,714,925</u>	<u>218,154,517</u>	<u>(8,439,592)</u>	<u>(3.87)</u>
<b>SYSTEM NET GEN. (MWH)</b>								
8 LIGHTER OIL	0	0	0	0.00	0	0	0	0.00
9 COAL	403,329	460,951	(57,623)	(12.50)	3,151,908	3,443,381	(291,474)	(8.46)
9a Coal at Scherer	99,382	117,505	(18,123)	(15.42)	512,847	837,730	(324,884)	(38.78)
9b Scherer/Flint Credit	(23,714)	(27,966)	4,252	(15.20)	(75,835)	(87,412)	11,577	(13.24)
10 GAS	393,559	332,544	61,015	18.35	3,254,205	3,088,850	165,355	5.35
11 LANDFILL GAS	1,967	2,031	(64)	(3.15)	18,498	18,483	15	0.08
12 OIL - C.T.	25	0	25	100.00	206	0	206	100.00
13 TOTAL (MWH)	<u>874,547</u>	<u>885,065</u>	<u>(10,518)</u>	<u>(1.19)</u>	<u>6,861,828</u>	<u>7,301,032</u>	<u>(439,204)</u>	<u>(6.02)</u>
<b>UNITS OF FUEL BURNED</b>								
14 LIGHTER OIL (BBL)	857	1,047	(190)	(18.15)	9,260	8,572	688	8.03
15 COAL (TONS)	209,672	218,432	(8,760)	(4.01)	1,582,335	1,648,636	(66,301)	(4.02)
16 GAS (MCF) (1)	2,777,246	2,254,898	522,348	23.17	23,100,240	20,801,647	2,298,593	11.05
17 OIL - C.T. (BBL)	94	0	94	100.00	721	0	721	100.00
<b>BTU'S BURNED (MMBTU)</b>								
18 COAL + GAS B.L. + OIL B.L.	5,340,295	5,917,941	(577,646)	(9.76)	39,820,812	44,000,849	(4,180,038)	(9.50)
19 GAS - Generation (1)	2,829,892	2,299,996	529,896	23.04	23,297,376	21,217,680	2,079,696	9.80
20 OIL - C.T.	548	0	548	100.00	3,557	0	3,557	100.00
21 TOTAL (MMBTU)	<u>8,170,735</u>	<u>8,217,937</u>	<u>(47,202)</u>	<u>(0.57)</u>	<u>54,073,372</u>	<u>56,161,748</u>	<u>(2,088,376)</u>	<u>(3.72)</u>
<b>GENERATION MIX (% MWH)</b>								
22 LIGHTER OIL (B.L.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23 COAL	54.77	62.20	(7.43)	(11.95)	52.30	57.44	(5.14)	(8.95)
24 GAS	45.01	37.57	7.44	19.80	47.43	42.31	5.12	12.10
25 LANDFILL GAS	0.22	0.23	(0.01)	(4.35)	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>FUEL COST (\$)/UNIT</b>								
28 LIGHTER OIL (\$/BBL)	69.47	69.51	(0.04)	(0.06)	79.88	67.66	12.22	18.06
29 COAL (\$/TON)	59.85	57.51	2.34	4.07	63.89	64.97	(1.08)	(1.66)
30 GAS (\$/MCF) (1)	4.07	4.78	(0.71)	(14.85)	4.05	4.34	(0.29)	(6.68)
31 OIL - C.T. (\$/BBL)	95.84	0.00	95.84	100.00	97.13	0.00	97.13	100.00
<b>FUEL COST (\$)/MMBTU</b>								
32 COAL + GAS B.L. + OIL B.L.	2.77	2.60	0.17	6.54	2.92	2.92	0.00	0.00
33 GAS - Generation (1)	3.97	4.54	(0.57)	(12.56)	3.91	4.11	(0.20)	(4.87)
34 OIL - C.T.	16.45	0.00	16.45	100.00	19.69	0.00	19.69	100.00
35 TOTAL (\$/MMBTU)	<u>3.19</u>	<u>3.14</u>	<u>0.05</u>	<u>1.59</u>	<u>3.84</u>	<u>3.84</u>	<u>0.00</u>	<u>0.00</u>
<b>BTU BURNED / KWH</b>								
36 COAL + GAS B.L. + OIL B.L.	11,149	10,750	399	3.71	11,095	10,492	603	5.75
37 GAS - Generation (1)	7,307	7,093	214	3.02	7,290	7,015	275	3.92
38 OIL - C.T.	21,905	0	21,905	100.00	17,266	0	17,266	100.00
39 TOTAL (BTU/KWH)	<u>9,432</u>	<u>9,395</u>	<u>37</u>	<u>0.39</u>	<u>7,969</u>	<u>7,781</u>	<u>188</u>	<u>2.42</u>
<b>FUEL COST (¢/KWH)</b>								
40 COAL + GAS B.L. + OIL B.L.	3.09	2.79	0.30	10.75	3.24	3.06	0.18	5.88
41 GAS	2.90	3.21	(0.31)	(9.66)	2.85	2.88	(0.03)	(1.04)
42 LANDFILL GAS	3.05	3.37	(0.32)	(9.50)	3.34	3.21	0.13	4.05
43 OIL - C.T.	36.04	0.00	36.04	100.00	34.00	0.00	34.00	100.00
44 TOTAL (¢/KWH)	<u>3.01</u>	<u>2.95</u>	<u>0.06</u>	<u>2.03</u>	<u>3.06</u>	<u>2.99</u>	<u>0.07</u>	<u>2.34</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: SEPTEMBER 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	(753)	0.0	50.0	0.0	0	Coal	0	0	0	0	0.00	0.00
2			0					Gas-G	0	1,028	0	0	0.00	0.00
3								Gas-S	0	1,028	0	0	0.00	0.00
4								Oil-S	0	138,500	0	0	0.00	0.00
5	Crist 5	75	(755)	0.0	50.0	0.0	0	Coal	0	0	0	0	0.00	0.00
6			0					Gas-G	0	1,028	0	0	0.00	0.00
7								Gas-S	0	1,028	0	0	0.00	0.00
8								Oil-S	0	138,500	0	0	0.00	0.00
9	Crist 6	299	104,518	48.5	71.7	67.8	11,263	Coal	51,302	11,473	1,177,175	3,109,845	2.98	60.62
10			0					Gas-G	55	1,028	56	225	0.00	0.00
11								Gas-S	9,208	1,028	9,470	37,836	4.11	72.78
12								Oil-S	9	138,500	54	655	2.54	60.62
13	Crist 7	475	195,612	57.2	80.5	71.1	10,700	Coal	81,864	11,494	1,881,895	4,962,483	0.00	4.11
14			0					Gas-G	205,314	1,028	211,146	843,617	0.00	4.11
15								Gas-S	5,651	1,028	5,812	23,220	4.11	69.86
16								Oil-S	636	138,500	3,695	44,434	2.83	4.06
17	Smith 3	577	367,541	88.5	100.0	102.1	7,125	Gas-G	2,557,018	1,024	2,618,690	10,389,265	36.04	95.84
18	Smith A	(1)	32	25	98.4	73.2	21,905	Oil	94	138,500	548	9,009	2.82	0.00
19	Scherer 3	(2)	214	99,382	64.5	100.0	10,736	Coal	7,703	1,066,932	2,806,502	123	61.50	
20								Oil	2	140,150	9	123	N/A	N/A
21	Scherer/Flint Credit	(51)	(23,714)	N/A	N/A	N/A	N/A	Coal	(0)	N/A	(254,590)	(669,685)	N/A	N/A
22								Oil	(0)	N/A	(2)	(29)	N/A	N/A
23	Other Generation		6,281					Landfill Gas			179,125	179,125	2.85	0.00
24	Perdido		1,967								60,047	60,047	3.05	0.00
25	Daniel 1	(3)	251	59,207	32.8	100.0	11,750	Coal	37,759	9,212	695,656	2,201,536	3.72	58.30
26								Oil-S	16	138,500	95	1,103	0.00	68.94
27	Daniel 2	(3)	251	65,237	36.1	99.8	11,542	Coal	38,747	9,716	752,954	2,259,201	3.46	58.31
28								Oil-S	196	138,500	1,141	13,231	3.00	67.51
29	Total	2,198	874,547	55.3	90.8	66.7	9,432				8,170,735	26,271,741		

Notes & Adjust.:	Units	Daniel Railcar Track Deprec.	\$	cents/kwh
(1)	N/A	Coal Additive - Daniel	(4,022)	
(2)			20,000	
(3)				
		Recoverable Fuel	26,287,720	3.01

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: SEPTEMBER 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)	449	979	(530)	(54.14)	12,544	8,351	4,193	50.21
3 UNIT COST (\$/BBL)	85.63	70.03	15.60	22.28	71.29	69.30	1.99	2.87
4 <u>AMOUNT (\$)</u>	<u>38,450</u>	<u>68,564</u>	<u>(30,114)</u>	<u>(43.92)</u>	<u>894,237</u>	<u>578,689</u>	<u>315,548</u>	<u>54.53</u>
<b>5 BURNED :</b>								
6 UNITS (BBL)	859	1,047	(188)	(17.96)	11,057	8,572	2,485	28.99
7 UNIT COST (\$/BBL)	69.36	69.51	(0.15)	(0.22)	69.40	67.66	1.74	2.57
8 <u>AMOUNT (\$)</u>	<u>59,578</u>	<u>72,763</u>	<u>(13,185)</u>	<u>(18.12)</u>	<u>767,341</u>	<u>579,932</u>	<u>187,409</u>	<u>32.32</u>
<b>9 ENDING INVENTORY :</b>								
10 UNITS (BBL)	6,060	6,912	(852)	(12.33)	6,060	6,912	(852)	(12.33)
11 UNIT COST (\$/BBL)	70.04	68.55	1.49	2	70.04	68.55	1.49	2.17
12 <u>AMOUNT (\$)</u>	<u>424,452</u>	<u>473,821</u>	<u>(49,369)</u>	<u>(10.42)</u>	<u>424,452</u>	<u>473,821</u>	<u>(49,369)</u>	<u>(10.42)</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)	183,848	218,000	(34,152)	(15.67)	1,535,684	1,568,337	(32,653)	(2.08)
16 UNIT COST (\$/TON)	54.78	55.48	(0.70)	(1.26)	62.41	61.29	1.12	1.83
17 <u>AMOUNT (\$)</u>	<u>10,071,649</u>	<u>12,095,273</u>	<u>(2,023,624)</u>	<u>(16.73)</u>	<u>95,841,647</u>	<u>96,124,236</u>	<u>(282,589)</u>	<u>(0.29)</u>
<b>18 BURNED :</b>								
19 UNITS (TONS)	209,672	218,432	(8,760)	(4.01)	1,582,335	1,648,636	(66,301)	(4.02)
20 UNIT COST (\$/TON)	59.77	57.51	2.26	3.93	63.75	64.97	(1.22)	(1.88)
21 <u>AMOUNT (\$)</u>	<u>12,533,065</u>	<u>12,560,953</u>	<u>(27,888)</u>	<u>(0.22)</u>	<u>100,880,673</u>	<u>107,107,685</u>	<u>(6,227,012)</u>	<u>(5.81)</u>
<b>22 ENDING INVENTORY :</b>								
23 UNITS (TONS)	487,543	494,137	(6,594)	(1.33)	487,543	494,137	(6,594)	(1.33)
24 UNIT COST (\$/TON)	59.46	59.38	0.08	0.13	59.46	59.38	0.08	0.13
25 <u>AMOUNT (\$)</u>	<u>28,989,038</u>	<u>29,343,808</u>	<u>(354,770)</u>	<u>(1.21)</u>	<u>28,989,038</u>	<u>29,343,808</u>	<u>(354,770)</u>	<u>(1.21)</u>
26 <u>DAYS SUPPLY</u>	<u>30</u>	<u>30</u>	<u>0</u>	<u>0.00</u>				
<b><u>COAL AT PLANT SCHERER</u></b>								
<b>27 PURCHASES :</b>								
28 UNITS (MMBTU)	986,274	1,013,173	(26,899)	(2.65)	5,462,702	7,449,005	(1,986,303)	(26.67)
29 UNIT COST (\$/MMBTU)	2.45	2.43	0.02	0.82	2.58	2.44	0.14	5.74
30 <u>AMOUNT (\$)</u>	<u>2,418,022</u>	<u>2,459,760</u>	<u>(41,738)</u>	<u>(1.70)</u>	<u>14,115,142</u>	<u>18,178,959</u>	<u>(4,063,817)</u>	<u>(22.35)</u>
<b>31 BURNED :</b>								
32 UNITS (MMBTU)	1,066,932	1,260,457	(193,525)	(15.35)	5,377,285	8,032,629	(2,655,344)	(33.06)
33 UNIT COST (\$/MMBTU)	2.56	2.50	0.06	2.40	2.62	2.50	0.12	4.80
34 <u>AMOUNT (\$)</u>	<u>2,731,999</u>	<u>3,145,234</u>	<u>(413,235)</u>	<u>(13.14)</u>	<u>14,063,103</u>	<u>20,064,144</u>	<u>(6,001,041)</u>	<u>(29.91)</u>
<b>35 ENDING INVENTORY :</b>								
36 UNITS (MMBTU)	2,960,908	2,021,247	939,661	46.49	2,960,908	2,021,247	939,661	46.49
37 UNIT COST (\$/MMBTU)	2.56	2.56	0.00	0.00	2.56	2.56	0.00	0.00
38 <u>AMOUNT (\$)</u>	<u>7,577,289</u>	<u>5,171,597</u>	<u>2,405,692</u>	<u>46.52</u>	<u>7,577,289</u>	<u>5,171,597</u>	<u>2,405,692</u>	<u>46.52</u>
39 <u>DAYS SUPPLY</u>	<u>56</u>	<u>38</u>	<u>18</u>	<u>47.37</u>				
<b><u>GAS</u></b> (Reported on a MMBTU and \$ basis)								
<b>40 PURCHASES :</b>								
41 UNITS (MMBTU)	2,845,174	2,299,996	545,178	23.70	23,291,014	21,217,680	2,073,334	9.77
42 UNIT COST (\$/MMBTU)	3.97	4.54	(0.57)	(12.56)	3.95	4.11	(0.16)	(3.89)
43 <u>AMOUNT (\$)</u>	<u>11,297,403</u>	<u>10,438,859</u>	<u>858,544</u>	<u>8.22</u>	<u>91,932,368</u>	<u>87,142,884</u>	<u>4,789,484</u>	<u>5.50</u>
<b>44 BURNED :</b>								
45 UNITS (MMBTU)	2,845,174	2,299,996	545,178	23.70	23,648,294	21,217,680	2,430,614	11.46
46 UNIT COST (\$/MMBTU)	3.97	4.54	(0.57)	(12.56)	3.95	4.11	(0.16)	(3.89)
47 <u>AMOUNT (\$)</u>	<u>11,294,161</u>	<u>10,438,859</u>	<u>855,302</u>	<u>8.19</u>	<u>93,496,648</u>	<u>87,142,884</u>	<u>6,353,764</u>	<u>7.29</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)	3.97	0.00	3.97	100.00	3.97	0.00	3.97	100.00
51 <u>AMOUNT (\$)</u>	<u>3,010,319</u>	<u>0</u>	<u>3,010,319</u>	<u>100.00</u>	<u>3,010,319</u>	<u>0</u>	<u>3,010,319</u>	<u>100.00</u>

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

	CURRENT MONTH				PERIOD-TO-DATE				
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE		
			AMOUNT	%			AMOUNT	%	
<b><u>OTHER - C.T. OIL</u></b>									
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	0	36,877	100.00
56	<i>BURNED :</i>								
57	UNITS (BBL)	94	0	94	100.00	721	0	721	100.00
58	UNIT COST (\$/BBL)	95.84	0.00	95.84	100.00	97.13	0.00	97.13	100.00
59	AMOUNT (\$)	9,009	0	9,009	100.00	70,032	0	70,032	100.00
60	<i>ENDING INVENTORY :</i>								
61	UNITS (BBL)	6,730	6,825	(95)	(1.39)	6,730	6,825	(95)	(1.39)
62	UNIT COST (\$/BBL)	95.70	95.69	0.01	0.01	95.70	95.69	0.01	0.01
63	AMOUNT (\$)	644,056	653,065	(9,009)	(1.38)	644,056	653,065	(9,009)	(1.38)
64	HOURS SUPPLY	76	77	(1)	(1.30)				

**POWER SOLD  
GULF POWER COMPANY  
FOR THE MONTH OF: SEPTEMBER 2017**

<b>CURRENT MONTH</b>								
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)
SOLD TO	TYPE AND SCHEDULE	TOTAL KWH SOLD	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	430,919,100	0	430,919,100	2.88	3.34	12,408,200	14,398,600
2	Various Economy Sales	7,259,100	0	7,259,100	3.05	3.48	221,200	252,300
3	Gain on Econ. Sales	0	0	0	0.00	0.00	20,000	25,000
4	<b>TOTAL ESTIMATED SALES</b>	<b>438,178,200</b>	<b>0</b>	<b>438,178,200</b>	<b>2.89</b>	<b>3.35</b>	<b>12,649,400</b>	<b>14,675,900</b>
<i>ACTUAL</i>								
5	Southern Company Interchange	357,923,491	0	357,923,491	2.75	3.01	9,830,603	10,758,982
6	A.E.C. External	241,741	0	241,741	3	3.64	7,024	8,787
7	CARGILE External	98,224	0	98,224	2.15	2.65	2,114	2,603
8	DUKE PWR External	113,570	0	113,570	3.77	6.00	4,277	6,814
9	EAGLE EN External	412,766	0	412,766	2.86	3.52	11,785	14,542
10	ENDURE External	10,927	0	10,927	4.28	6.80	468	743
11	EXELON External	121,167	0	121,167	2.60	2.88	3,149	3,495
12	FPC External	263,711	0	263,711	3.45	5.92	9,106	15,609
13	FPL External	327,630	0	327,630	3.58	4.79	11,719	15,694
14	MERCURIA External	0	0	0	0.00	0.00	0	0
15	MISO External	1,278,705	0	1,278,705	4.41	5.51	56,360	70,466
16	MORGAN External	340,333	0	340,333	3.20	4.18	10,881	14,227
17	NCEMC External	3,377	0	3,377	3.42	3.68	115	124
18	NCMPA1 External	0	0	0	0.00	0.00	0	0
19	OPC External	49,723	0	49,723	3.94	5.61	1,960	2,788
20	ORLANDO External	513,550	0	513,550	3.35	4.85	17,180	24,930
21	PJM External	234,991	0	234,991	3.32	4.23	7,813	9,950
22	REMC External	15,345	0	15,345	27.00	5.90	4,143	905
23	SCE&G External	47,576	0	47,576	3.66	6.13	1,742	2,915
24	SEC External	329,105	0	329,105	3.11	4.12	10,224	13,574
25	SEPA External	2,277,408	0	2,277,408	2.42	2.94	55,028	66,993
26	TAL External	7,982	0	7,982	3.04	3.48	243	278
27	TEA External	1,596,611	0	1,596,611	2.83	3.65	45,206	58,256
28	TECO External	605,402	0	605,402	3.31	5.25	20,049	31,801
29	TENASKA External	18,168	0	18,168	4.25	6.00	772	1,090
30	TVA External	122,770	0	122,770	3.69	5.64	4,533	6,925
31	WRI External	82,747	0	82,747	3.64	5.19	3,009	4,297
32	Less: Flow-Thru Energy	(9,113,529)	0	(9,113,529)	2.90	2.90	(263,974)	(263,974)
33	SEPA	1,019,304	1,019,304	0	0.00	0.00	0	0
34	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	53,606	67,007
35	Other transactions including adj.	<u>137,426,651</u>	<u>92,813,267</u>	<u>44,613,384</u>	0.00	0.00	0	0
36	<b>TOTAL ACTUAL SALES</b>	<b>496,369,446</b>	<b>93,832,571</b>	<b>402,536,875</b>	<b>2.00</b>	<b>2.19</b>	<b>9,909,135</b>	<b>10,872,816</b>
37	Difference in Amount	58,191,246	93,832,571	(35,641,325)	(0.89)	(1.16)	(2,740,265)	(3,803,084)
38	Difference in Percent	13.28	0.00	(8.13)	(30.80)	(34.63)	(21.66)	(25.91)

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 34

POWER SOLD  
GULF POWER COMPANY  
FOR THE MONTH OF: SEPTEMBER 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	3,285,663,500	0	3,285,663,500	2.82	3.26	92,703,500	107,231,500
2	Various Economy Sales	96,742,700	0	96,742,700	2.50	2.99	2,422,000	2,893,600
3	Gain on Econ. Sales	0	0	0	0.00	0.00	322,200	342,000
4	TOTAL ESTIMATED SALES	<u>3,382,406,200</u>	<u>0</u>	<u>3,382,406,200</u>	<u>2.82</u>	<u>3.27</u>	<u>95,447,700</u>	<u>110,467,100</u>
<i>ACTUAL</i>								
5	Southern Company Interchange	2,623,890,453	0	2,623,890,453	2.61	2.85	68,360,505	74,809,675
6	A.E.C. External	3,075,078	0	3,075,078	2.78	3.46	85,401	106,451
7	CARGILE External	112,342,200	0	112,342,200	2.13	3.37	2,393,454	3,783,788
8	DUKE PWR External	196,442	0	196,442	3.13	4.95	6,150	9,715
9	EAGLE EN External	5,163,754	0	5,163,754	5.06	3.33	261,403	172,132
10	ENDURE External	103,308	0	103,308	3.16	4.87	3,266	5,031
11	EXELON External	1,324,985	0	1,324,985	8.48	3.19	112,425	42,292
12	FPC External	1,293,719	0	1,293,719	2.77	4.09	35,836	52,928
13	FPL External	4,006,062	0	4,006,062	3.11	4.26	124,495	170,858
14	MERCURIA External	32,801,596	0	32,801,596	2.23	3.77	731,737	1,238,254
15	MISO External	12,585,495	0	12,585,495	2.54	3.34	319,503	419,860
16	MORGAN External	3,701,625	0	3,701,625	2.50	3.22	92,582	119,230
17	NCEMC External	159,558	0	159,558	2.70	3.46	4,306	5,518
18	NCMPA1 External	12,584	0	12,584	1.89	2.54	237	320
19	OPC External	669,430	0	669,430	2.92	4.05	19,564	27,144
20	ORLANDO External	1,463,195	0	1,463,195	3.01	4.22	44,000	61,697
21	PJM External	3,181,069	0	3,181,069	2.41	3.56	76,628	113,158
22	REMC External	67,518	0	67,518	8.27	4.00	5,581	2,702
23	SCE&G External	305,208	0	305,208	3.18	5.15	9,700	15,714
24	SEC External	3,953,324	0	3,953,324	3.10	4.09	122,482	161,609
25	SEPA External	21,676,941	0	21,676,941	2.32	2.97	502,002	644,624
26	TAL External	634,899	0	634,899	2.59	3.53	16,461	22,408
27	TEA External	14,101,680	0	14,101,680	2.49	3.06	351,188	432,028
28	TECO External	1,574,400	0	1,574,400	3.32	4.99	52,205	78,544
29	TENASKA External	18,168	0	18,168	4.25	6.00	772	1,090
30	TVA External	4,874,684	0	4,874,684	2.90	3.97	141,160	193,568
31	WRI External	1,179,387	0	1,179,387	2.64	3.44	31,166	40,539
32	Less: Flow-Thru Energy	(88,955,309)	0	(88,955,309)	2.55	2.55	(2,269,894)	(2,269,894)
33	SEPA	8,974,328	8,974,328	0	0.00	0.00	0	0
34	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	1,720,625	1,932,741
35	Other transactions including adj.	<u>1,196,762,728</u>	<u>705,194,004</u>	<u>491,568,724</u>	0.00	0.00	0	0
36	TOTAL ACTUAL SALES	<u>3,971,138,509</u>	<u>714,168,332</u>	<u>3,256,970,177</u>	<u>1.85</u>	<u>2.03</u>	<u>73,354,924</u>	<u>80,460,982</u>
37	Difference in Amount	588,732,309	714,168,332	(125,436,023)	(0.97)	(1.24)	(22,092,776)	(30,006,118)
38	Difference in Percent	17.41	0.00	(3.71)	(34.40)	(37.92)	(23.15)	(27.16)

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 34

SCHEDULE A-7

PURCHASED POWER  
 GULF POWER COMPANY  
 (EXCLUSIVE OF ECONOMY ENERGY PURCHASES)  
 FOR THE MONTH OF: SEPTEMBER 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: SEPTEMBER 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	5,128,000	0	0	0	3.11	3.11	159,679
3 Renewable Energy Customers	COG 1	0	0	0	0	0.00	0.00	(0)
4 Ascend Performance Materials	COG 1	10,851,228	0	0	0	2.78	2.78	302,092
5 International Paper	COG 1	60,569	0	0	0	2.58	2.58	1,564
6 TOTAL		16,039,797	0	0	0	2.89	2.89	463,334

(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	46,553,000	0	0	0	3.41	3.41	1,588,075.03
3 Renewable Energy Customers	COG 1	0	0	0	0	0.00	0.00	416.32
4 Ascend Performance Materials	COG 1	137,059,230	0	0	0	2.66	2.66	3,649,577.11
5 International Paper	COG 1	2,128,378	0	0	0	2.44	2.44	51,920.93
6 TOTAL		185,740,608	0	0	0	2.85	2.85	5,289,989.39



SCHEDULE A-9

**ECONOMY ENERGY PURCHASES  
INCLUDING LONG TERM PURCHASES  
GULF POWER COMPANY  
FOR THE MONTH OF: SEPTEMBER 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	7,481,000	3.06	229,000	361,929,500	2.69	9,743,200
2 Economy Energy	639,327,000	3.20	20,478,000	2,006,608,000	3.19	64,083,000
3 Other Purchases	0	0.00	0	2,906,013,000	3.24	94,031,000
4 TOTAL ESTIMATED PURCHASES	<u>646,808,000</u>	<u>3.20</u>	<u>20,707,000</u>	<u>5,274,550,500</u>	<u>3.18</u>	<u>167,857,200</u>
<u>ACTUAL</u>						
5 Southern Company Interchange	14,659,384	3.05	446,701	442,512,393	2.90	12,846,600
6 Non-Associated Companies	59,404,469	0.96	572,755	480,018,331	0.72	3,434,472
7 Purchased Power Agreements	412,840,000	2.82	11,621,705	3,475,794,000	2.87	99,743,920
8 Renewable Energy Purchase Agreements	107,249,698	3.33	3,575,758	797,428,204	3.43	27,343,815
9 Other Wheeled Energy	47,042,293	0.00	N/A	628,432,488	0.00	N/A
10 Other Transactions	51,214,434	0.02	10,561	223,103,640	0.04	94,203
11 Less: Flow-Thru Energy	(9,113,529)	3.12	(284,610)	(88,955,309)	2.77	(2,466,490)
12 TOTAL ACTUAL PURCHASES	<u>683,296,749</u>	<u>2.33</u>	<u>15,942,870</u>	<u>5,958,333,747</u>	<u>2.37</u>	<u>140,996,519</u>
13 Difference in Amount	36,488,749	(0.87)	(4,764,130)	683,783,247	(0.81)	(26,860,681)
14 Difference in Percent	5.64	(27.19)	(23.01)	12.96	(25.47)	(16.00)

2017 CAPACITY CONTRACTS  
GULF POWER COMPANY

Capacity Costs (\$)		CONTRACT TYPE	COUNTERPARTY	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
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	7,197,693	0	0	0	64,882,574
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	7,197,693	0	0	0	64,883,369

Capacity Costs (MW)		CONTRACT TYPE	COUNTERPARTY	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
2	Power Purchase Agreements & Other Confidential Agreements				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
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 October, 2017 to the following:

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