



Robert L. McGee, Jr.
Regulatory & Pricing Manager

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May 22, 2017

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

Re: Docket No. 170001-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 April 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,

Robert L. McGee, Jr.
Regulatory and Pricing Manager

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Attachment

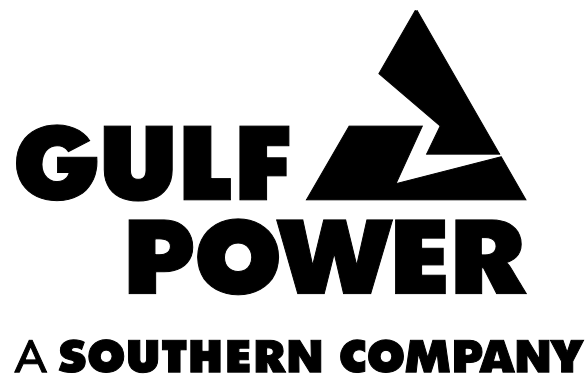
cc w/attachment: Florida Public Service Commission
Michael C. Barrett
Division of Auditing and Safety
Lynn Deamer

**BEFORE THE FLORIDA PUBLIC
SERVICE COMMISSION**

Docket No. 170001-EI

MONTHLY FUEL FILING

April 2017



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

	<u>DOLLARS</u>				<u>KWH</u>				<u>CENTS/KWH</u>			
	<u>ACTUAL</u>	<u>EST'd</u>	<u>DIFFERENCE</u>		<u>ACTUAL</u>	<u>EST'd</u>	<u>DIFFERENCE</u>		<u>ACTUAL</u>	<u>EST'd</u>	<u>DIFFERENCE</u>	
			<u>AMT</u>	<u>%</u>			<u>AMT</u>	<u>%</u>			<u>AMT</u>	<u>%</u>
	<u>(a)</u>	<u>(b)</u>	<u>(c)</u>	<u>(d)</u>	<u>(e)</u>	<u>(f)</u>	<u>(g)</u>	<u>(h)</u>	<u>(i)</u>	<u>(j)</u>	<u>(k)</u>	<u>(l)</u>
1 Fuel Cost of System Net Generation (A3)	16,631,457	13,280,147	3,351,310	25.24	518,259,128	438,132,000	80,127,128	18.29	3.2091	3.0311	0.18	5.87
2 Hedging Settlement Costs (A2)	1,742,440	0	1,742,440	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
3 Coal Car Investment	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
4 Adjustments to Fuel Cost (A2, Page 1) **	(943)	0	(943)	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
5 TOTAL COST OF GENERATED POWER	18,372,954	13,280,147	5,092,807	38.35	518,259,128	438,132,000	80,127,128	18.29	3.5451	3.0311	0.51	16.96
6 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
7 Energy Cost of Schedule C & X Econ. Purch.(Broker) (A9)	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
8 Energy Cost of Other Econ. Purch. (Nonbroker) (A9)	12,443,728	14,337,000	(1,893,272)	(13.21)	434,512,192	416,529,000	17,983,192	4.32	2.8638	3.4420	(0.58)	(16.80)
9 Energy Cost of Schedule E Economy Purch. (A9)	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
10 Capacity Cost of Schedule E Economy Purchases	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
11 Energy Payments to Qualifying Facilities (A8)	587,580	319,000	268,580	84.19	20,277,436	11,378,000	8,899,436	78.22	2.8977	2.8037	0.09	3.35
12 TOTAL COST OF PURCHASED POWER	13,031,308	14,656,000	(1,624,692)	(11.09)	454,789,628	427,907,000	26,882,628	6.28	2.8653	3.4250	(0.56)	(16.34)
13 Total Available MWH (Line 5 + Line 12)	31,404,262	27,936,147	3,468,115	12.41	973,048,756	866,039,000	107,009,756	12.36				
14 Fuel Cost of Economy Sales (A6)	(243,691)	(249,000)	5,309	(2.13)	(7,383,054)	(11,195,000)	3,811,946	(34.05)	(3.3007)	(2.2242)	(1.08)	(48.40)
15 Gain on Economy Sales (A6)	(27,762)	(25,000)	(2,762)	11.05	0	0	0	0.00	#N/A	#N/A	#N/A	#N/A
16 Fuel Cost of Other Power Sales (A6)	(771,156)	(704,000)	(67,156)	9.54	(92,051,346)	(31,859,000)	(60,192,346)	188.93	(0.8377)	(2.2097)	1.37	62.09
TOTAL FUEL COSTS & GAINS OF POWER SALES (LINES 14 + 15 + 16)	(1,042,609)	(978,000)	(64,609)	6.61	(99,434,400)	(43,054,000)	(56,380,400)	130.95	(1.0485)	(2.2716)	1.22	53.84
18 Net Inadvertant Interchange	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
TOTAL FUEL & NET POWER TRANSACTIONS (LINES 5 + 12 + 17)	30,361,653	26,958,147	3,403,506	12.63	873,614,356	822,985,000	50,629,356	6.15	3.4754	3.2757	0.20	6.10
20 Net Unbilled Sales *	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
21 Company Use *	40,384	51,494	(11,110)	(21.58)	1,161,995	1,572,000	(410,005)	(26.08)	3.4754	3.2757	0.20	6.10
22 T & D Losses *	1,625,576	1,354,993	270,583	19.97	46,773,777	41,365,000	5,408,777	13.08	3.4754	3.2757	0.20	6.10
23 TERRITORIAL KWH SALES	30,361,653	26,958,147	3,403,506	12.63	825,678,584	780,048,000	45,630,584	5.85	3.6772	3.4560	0.22	6.40
24 Wholesale KWH Sales	835,492	809,876	25,616	3.16	22,720,850	23,434,000	(713,150)	(3.04)	3.6772	3.4560	0.22	6.40
25 Jurisdictional KWH Sales	29,526,161	26,148,271	3,377,890	12.92	802,957,734	756,614,000	46,343,734	6.13	3.6772	3.4560	0.22	6.40
26 Jurisdictional Loss Multiplier	1.0015	1.0015							1.0015	1.0015		
27 Jurisdictional KWH Sales Adj. for Line Losses	29,570,450	26,187,493	3,382,957	12.92	802,957,734	756,614,000	46,343,734	6.13	3.6827	3.4611	0.22	6.40
28 TRUE-UP	(2,171,636)	(2,171,636)	0	0.00	802,957,734	756,614,000	46,343,734	6.13	(0.2705)	(0.2870)	0.02	(5.75)
29 TOTAL JURISDICTIONAL FUEL COST	27,398,814	24,015,857	3,382,957	14.09	802,957,734	756,614,000	46,343,734	6.13	3.4122	3.1741	0.24	7.50
30 Revenue Tax Factor									1.00072	1.00072		
31 Fuel Factor Adjusted for Revenue Taxes									3.4147	3.1764	0.24	7.50
32 GPIF Reward / (Penalty)	(3,809)	(3,809)	0	0.00	802,957,734	756,614,000	46,343,734	6.13	(0.0005)	(0.0005)	0.00	0.00
33 Fuel Factor Adjusted for GPIF Reward / (Penalty)									3.4142	3.1759	0.24	7.50
34 FUEL FACTOR ROUNDED TO NEAREST .001(CENTS/KWH)									3.414	3.176		

* Included for Informational Purposes Only

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

SCHEDULE A1a

**GULF POWER COMPANY
 RECAP OF ACTUAL FUEL & PURCHASED POWER COSTS
 SHOWN ON SCHEDULE A-1
 FOR THE MONTH OF: APRIL 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	\$ 16,631,457
2	Fuel Related Transactions		0
3	Adjustments to Fuel Cost	Schedule A-2, Line A-7	(943)
4	Hedging Settlement Costs	Schedule A-2, Line A-5	1,742,440
5	Fuel Cost of Purchased Power	Schedule A-7	0
6	Energy Cost of Economy Purchases	Sch. A-9, Col. 4, Line 12	12,443,728
7	Demand & Non Fuel Cost of Purchased Power	Schedule A-9	0
8	Energy Payments to Qualified Facilities	Sch. A-8, Col. 8, Line 7	587,580
9	Fuel Cost of Power Sold	Sch. A-6, Col. 7, Total Line	<u>(1,042,609)</u>
10	Total Fuel and Net Power Transactions		<u>\$ 30,361,653</u>

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

	DOLLARS				KWH				CENTS/KWH			
	ACTUAL	EST'd	DIFFERENCE		ACTUAL	EST'd	DIFFERENCE		ACTUAL	EST'd	DIFFERENCE	
			AMT	%			AMT	%			AMT	%
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1 Fuel Cost of System Net Generation (A3)	84,365,652	76,738,591	7,627,061	9.94	2,809,433,614	2,591,221,000	218,212,614	8.42	3.0029	2.9615	0.04	1.40
2 Hedging Settlement Costs (A2)	7,436,902	0	7,436,902	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
3 Coal Car Investment	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
4 Adjustments to Fuel Cost (A2, Page 1) **	2,531	0	2,531	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
5 TOTAL COST OF GENERATED POWER	91,805,085	76,738,591	15,066,494	19.63	2,809,433,614	2,591,221,000	218,212,614	8.42	3.2677	2.9615	0.31	10.34
6 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
7 Energy Cost of Schedule C & X Econ. Purch.(Broker) (A9)	0.00	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
8 Energy Cost of Other Econ. Purch. (Nonbroker) (A9)	57,475,925	66,888,000	(9,412,075)	(14.07)	2,495,376,839	2,102,163,000	393,213,839	18.71	2.3033	3.1819	(0.88)	(27.61)
9 Energy Cost of Schedule E Economy Purch. (A9)	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
10 Capacity Cost of Schedule E Economy Purchases	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
11 Energy Payments to Qualifying Facilities (A8)	2,525,796.0	1,819,000	706,796	38.86	90,920,764	69,656,000	21,264,764	30.53	2.7780	2.6114	0.17	6.38
12 TOTAL COST OF PURCHASED POWER	60,001,721	68,707,000	(8,705,279)	(12.67)	2,586,297,603	2,171,819,000	414,478,603	19.08	2.3200	3.1636	(0.84)	(26.67)
13 Total Available MWH (Line 5 + Line 12)	151,806,806	145,445,591	6,361,215	4.37	5,395,731,217	4,763,040,000	632,691,217	13.28				
14 Fuel Cost of Economy Sales (A6)	(4,155,712)	(1,265,000)	(2,890,712)	228.51	(186,710,389)	(54,148,000)	(132,562,389)	244.81	(2.2258)	(2.3362)	0.11	4.73
15 Gain on Economy Sales (A6)	(1,560,759)	(140,000)	(1,420,759)	1,014.83	0	0	0	0.00	#N/A	#N/A	#N/A	#N/A
16 Fuel Cost of Other Power Sales (A6)	(33,378,854)	(34,760,000)	1,381,146	(3.97)	(1,918,465,278)	(1,296,453,000)	(622,012,278)	47.98	(1.7399)	(2.6812)	0.94	35.11
TOTAL FUEL COSTS & GAINS OF POWER SALES (LINES 14 + 15 + 16)	(39,095,325)	(36,165,000)	(2,930,325)	8.10	(2,105,175,667)	(1,350,601,000)	(754,574,667)	55.87	(1.8571)	(2.6777)	0.82	30.65
18 Net Inadvertant Interchange	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
TOTAL FUEL & NET POWER TRANSACTIONS (LINES 5 + 12 + 17)	112,711,482	109,280,591	3,430,891	3.14	3,290,555,550	3,412,439,000	(121,883,450)	(3.57)	3.4253	3.2024	0.22	6.96
20 Net Unbilled Sales *	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
21 Company Use *	163,834	220,934	(57,100)	(25.84)	4,783,047	6,899,000	(2,115,953)	(30.67)	3.4253	3.2024	0.22	6.96
22 T & D Losses *	5,490,338	5,492,660	(2,322)	(0.04)	160,287,788	171,517,000	(11,229,212)	(6.55)	3.4253	3.2024	0.22	6.96
23 TERRITORIAL KWH SALES	112,711,482	109,280,591	3,430,891	3.14	3,125,484,715	3,234,023,000	(108,538,285)	(3.36)	3.6062	3.3791	0.23	6.72
24 Wholesale KWH Sales	3,217,771	3,395,068	(177,297)	(5.22)	89,217,659	100,508,000	(11,290,341)	(11.23)	3.6067	3.3779	0.23	6.77
25 Jurisdictional KWH Sales	109,493,711	105,885,523	3,608,188	3.41	3,036,267,056	3,133,515,000	(97,247,944)	(3.10)	3.6062	3.3791	0.23	6.72
26 Jurisdictional Loss Multiplier	1.0015	1.0015							1.0015	1.0015		
27 Jurisdictional KWH Sales Adj. for Line Losses	109,657,951	106,044,351	3,613,600	3.41	3,036,267,056	3,133,515,000	(97,247,944)	(3.10)	3.6116	3.3842	0.23	6.72
28 TRUE-UP	(8,686,544)	(8,686,544)	0	0.00	3,036,267,056	3,133,515,000	(97,247,944)	(3.10)	(0.2861)	(0.2772)	(0.01)	3.21
29 TOTAL JURISDICTIONAL FUEL COST	100,971,407	97,357,807	3,613,600	3.71	3,036,267,056	3,133,515,000	(97,247,944)	(3.10)	3.3255	3.1070	0.22	7.03
30 Revenue Tax Factor									1.00072	1.00072		
31 Fuel Factor Adjusted for Revenue Taxes									3.3279	3.1092	0.22	7.03
32 GPIF Reward / (Penalty)	(15,236)	(15,236)	0	0.00	3,036,267,056	3,133,515,000	(97,247,944)	(3.10)	(0.0005)	(0.0005)	0.00	0.00
33 Fuel Factor Adjusted for GPIF Reward / (Penalty)									3.3274	3.1087	0.22	7.04
34 FUEL FACTOR ROUNDED TO NEAREST .001(CENTS/KWH)									3.327	3.109		

* 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: APRIL 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	16,479,792.91	13,109,195	3,370,597.91	25.71	83,671,485.65	76,054,783	7,616,702.65	10.01
1a Other Generation	151,663.70	170,952	(19,288.30)	(11.28)	694,166.25	683,808	10,358.25	1.51
2 Fuel Cost of Power Sold	(1,042,608.61)	(978,000)	(64,608.61)	(6.61)	(39,095,324.66)	(36,165,000)	(2,930,324.66)	(8.10)
3 Fuel Cost - Purchased Power	12,443,727.52	14,337,000	(1,893,272.48)	(13.21)	57,475,925.48	66,888,000	(9,412,074.52)	(14.07)
3a Demand & Non-Fuel Cost Purchased Power	0.00	0	0.00	0.00	0.00	0	0.00	0.00
3b Energy Payments to Qualifying Facilities	587,580.12	319,000	268,580.12	84.19	2,525,795.95	1,819,000	706,795.95	38.86
4 Energy Cost - Economy Purchases	0.00	0	0.00	0.00	0.00	0	0.00	0.00
5 Hedging Settlement Cost	1,742,440.00	0	1,742,440.00	100.00	7,436,902.00	0	7,436,902.00	100.00
6 Total Fuel & Net Power Transactions	30,362,595.64	26,958,147	3,404,448.64	12.63	112,708,950.67	109,280,591	3,428,359.67	3.14
7 Adjustments To Fuel Cost*	(942.79)	0	(942.79)	100.00	2,530.67	0	2,530.67	100.00
8 Adj. Total Fuel & Net Power Transactions	30,361,652.85	26,958,147	3,403,505.85	13	112,711,481.34	109,280,591	3,430,890.34	3.14
B. KWH Sales								
1 Jurisdictional Sales	802,957,734	756,614,000	46,343,734	6.13	3,036,267,056	3,133,515,000	(97,247,944)	(3.10)
2 Non-Jurisdictional Sales	22,720,850	23,434,000	(713,150)	(3.04)	89,217,659	100,508,000	(11,290,341)	(11.23)
3 Total Territorial Sales	825,678,584	780,048,000	45,630,584	5.85	3,125,484,715	3,234,023,000	(108,538,285)	(3.36)
4 Juris. Sales as % of Total Terr. Sales	97.2482	96.9958	0.2524	0.26	97.1455	96.8922	0.2533	0.26

*(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: APRIL 2017**

	CURRENT MONTH				PERIOD - TO - DATE			
	ACTUAL	\$ ESTIMATED	\$ DIFFERENCE AMOUNT (\$)	%	ACTUAL	\$ ESTIMATED	\$ DIFFERENCE AMOUNT (\$)	%
C. True-up Calculation								
1 Jurisdictional Fuel Revenue	25,169,665.04	23,733,026	1,436,639.36	6.05	94,708,400.84	98,290,267	(3,581,866.02)	(3.64)
2 Fuel Adj. Revs. Not Applicable to Period:								
2a True-Up Provision	2,171,636.00	2,171,639	(3.00)	0.00	8,686,544.00	8,686,553	(9.00)	0.00
2b Incentive Provision	3,806.00	3,806	0.00	0.00	15,227.00	15,227	0.00	0.00
3 Juris. Fuel Revenue Applicable to Period	27,345,107.04	25,908,471	1,436,636.04	5.55	103,410,171.84	106,992,047	(3,581,875.16)	(3.35)
Adjusted Total Fuel & Net Power								
4 Transactions (Line A8)	30,361,652.85	26,958,147	3,403,505.85	12.63	112,711,481.34	109,280,591	3,430,890.34	3.14
5 Juris. Sales % of Total KWH Sales (Line B4)	97.2482	96.9958	0.2524	0.26	97.1455	96.8922	0.2533	0.26
Juris. Total Fuel & Net Power Transactions								
6 Adj. for Line Losses (C4*C5*1.0015)	29,570,450.13	26,187,493	3,382,957.13	12.92	109,657,951.39	106,044,351	3,613,600.39	3.41
True-Up Provision for the Month								
7 Over/(Under) Collection (C3-C6)	(2,225,343.09)	(279,022)	(1,946,321.09)	(697.55)	(6,247,779.55)	947,696	(7,195,475.55)	759.26
8 Interest Provision for the Month	1,907.11	14,692	(12,784.89)	87.02	18,300.25	57,415	(39,114.75)	68.13
9 Beginning True-Up & Interest Provision	4,741,303.28	20,814,192	(16,072,888.72)	77.22	15,262,254.60	26,059,665	(10,797,410.70)	41.43
10 True-Up Collected / (Refunded)	(2,171,636.00)	(2,171,639)	3.00	0.00	(8,686,544.00)	(8,686,553)	9.00	0.00
End of Period - Total Net True-Up, Before								
11 Adjustment (C7+C8+C9+C10)	346,231.30	18,378,223	(18,031,991.70)	98.12	346,231.30	18,378,223	(18,031,991.70)	98.12
12 Adjustment	0.00	0	0.00	0.00	0.00	0	0.00	0.00
13 End of Period - Total Net True-Up	346,231.30	18,378,223	(18,031,991.70)	98.12	346,231.30	18,378,223	(18,031,991.70)	98.12

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

	CURRENT MONTH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT (\$)	%
D. Interest Provision				
1 Beginning True-Up Amount (C9)	4,741,303.28	20,814,192	(16,072,888.72)	(77.22)
Ending True-Up Amount				
2 Before Interest (C7+C9+C10)	344,324.19	18,363,531	(18,019,206.81)	(98.12)
3 Total of Beginning & Ending True-Up Amts.	5,085,627.47	39,177,723	(34,092,095.53)	(87.02)
4 Average True-Up Amount	2,542,813.74	19,588,862	(17,046,048.26)	(87.02)
Interest Rate				
5 1st Day of Reporting Business Month	0.94	0.94	0.0000	
Interest Rate				
6 1st Day of Subsequent Business Month	0.86	0.86	0.0000	
7 Total (D5+D6)	1.80	1.80	0.0000	
8 Annual Average Interest Rate	0.90	0.90	0.0000	
9 Monthly Average Interest Rate (D8/12)	0.0750	0.0750	0.0000	
10 Interest Provision (D4*D9)	1,907.11	14,692	(12,784.89)	(87.02)
Jurisdictional Loss Multiplier (From Schedule A-1)	1.0015	1.0015		

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

	CURRENT MONTH				PERIOD - TO - DATE			
	ACTUAL	EST.	DIFFERENCE		ACTUAL	EST.	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
FUEL COST-NET GEN.(\$)								
1 LIGHTER OIL (B.L.)	25,085	35,305	(10,220)	(28.95)	296,582	231,090	65,492	28.34
2 COAL	9,444,982	3,060,746	6,384,236	208.58	45,197,820	33,043,619	12,154,201	36.78
2a Coal at Scherer	(87,950)	1,622,956	(1,710,906)	(105.42)	2,691,158	6,763,985	(4,072,827)	(60.21)
3 GAS	6,707,130	8,175,976	(1,468,846)	(17.97)	34,219,660	35,060,442	(840,782)	(2.40)
4 GAS (B.L.)	454,306	321,533	132,773	41.29	1,648,158	1,384,836	263,322	19.01
5 LANDFILL GAS	69,945	63,631	6,314	9.92	274,359	254,619	19,740	7.75
6 OIL - C.T.	17,960	0	17,960	100.00	37,916	0	37,916	100.00
7 TOTAL (\$)	<u>16,631,457</u>	<u>13,280,147</u>	<u>3,351,310</u>	<u>25.24</u>	<u>84,365,652</u>	<u>76,738,591</u>	<u>7,627,061</u>	<u>9.94</u>
SYSTEM NET GEN. (MWH)								
8 LIGHTER OIL	0	0	0	0.00	0	0	0	0.00
9 COAL	297,391	89,217	208,174	233	1,409,663	955,876	453,787	47.47
9a Coal at Scherer	(1,016)	75,713	(76,729)	(101.34)	95,603	313,502	(217,899)	(69.50)
10 GAS	219,767	271,171	(51,404)	(18.96)	1,295,937	1,313,716	(17,779)	(1.35)
11 LANDFILL GAS	2,050	2,031	19	0.94	8,107	8,127	(20)	(0.25)
12 OIL - C.T.	67	0	67	100.00	124	0	124	100.00
13 TOTAL (MWH)	<u>518,259</u>	<u>438,132</u>	<u>80,127</u>	<u>18.29</u>	<u>2,809,434</u>	<u>2,591,221</u>	<u>218,213</u>	<u>8.42</u>
UNITS OF FUEL BURNED								
14 LIGHTER OIL (BBL)	363	524	(161)	(30.73)	3,315	3,485	(170)	(4.88)
15 COAL (TONS)	145,112	42,345	102,767	242.69	682,614	454,241	228,373	50.28
16 GAS (MCF) (1)	1,579,159	1,812,048	(232,889)	(12.85)	8,991,125	8,792,594	198,531	2.26
17 OIL - C.T. (BBL)	184	0	184	100.00	388	0	388	100.00
BTU'S BURNED (MMBTU)								
18 COAL + GAS B.L. + OIL B.L.	3,190,404	1,652,895	1,537,509	93.02	16,439,484	12,994,076	3,445,408	26.52
19 GAS - Generation (1)	1,554,957	1,848,289	(293,332)	(15.87)	9,034,418	8,968,446	65,972	0.74
20 OIL - C.T.	1,068	0	1,068	100.00	1,615	0	1,615	100.00
21 TOTAL (MMBTU)	<u>4,746,429</u>	<u>3,501,184</u>	<u>1,245,245</u>	<u>35.57</u>	<u>25,475,517</u>	<u>23,319,954</u>	<u>2,155,563</u>	<u>9.24</u>
GENERATION MIX (% MWH)								
22 LIGHTER OIL (B.L.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23 COAL	57.19	37.65	19.54	51.90	53.58	48.99	4.59	9.37
24 GAS	42.40	61.89	(19.49)	(31.49)	46.13	50.70	(4.57)	(9.01)
25 LANDFILL GAS	0.40	0.46	(0.06)	(13.04)	0.29	0.31	(0.02)	(6.45)
26 OIL - C.T.	0.01	0.00	0.01	100.00	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>
FUEL COST (\$)/ UNIT								
28 LIGHTER OIL (\$/BBL)	69.17	67.38	1.79	2.66	89.46	66.31	23.15	34.91
29 COAL (\$/TON)	65.09	72.28	(7.19)	(9.95)	66.21	72.74	(6.53)	(8.98)
30 GAS (\$/MCF) (1)	4.44	4.60	(0.16)	(3.48)	3.91	4.07	(0.16)	(3.93)
31 OIL - C.T. (\$/BBL)	97.61	0.00	97.61	100.00	97.72	0.00	97.72	100.00
FUEL COST (\$)/ MMBTU								
32 COAL + GAS B.L. + OIL B.L.	3.08	3.05	0.03	0.98	3.03	3.19	(0.16)	(5.02)
33 GAS - Generation (1)	4.22	4.33	(0.11)	(2.54)	3.71	3.83	(0.12)	(3.13)
34 OIL - C.T.	16.82	0.00	16.82	100.00	23.47	0.00	23.47	100.00
35 TOTAL (\$/MMBTU)	<u>3.46</u>	<u>3.73</u>	<u>(0.27)</u>	<u>(7.24)</u>	<u>3.27</u>	<u>3.25</u>	<u>0.02</u>	<u>0.62</u>
BTU BURNED / KWH								
36 COAL + GAS B.L. + OIL B.L.	10,728	10,022	706	7.04	11,662	10,237	1,425	13.92
37 GAS - Generation (1)	7,245	6,958	287	4.12	7,112	6,944	168	2.42
38 OIL - C.T.	15,938	0	15,938	100.00	13,028	0	13,028	100.00
39 TOTAL (BTU/KWH)	<u>9,288</u>	<u>8,132</u>	<u>1,156</u>	<u>14.22</u>	<u>9,178</u>	<u>9,106</u>	<u>72</u>	<u>0.79</u>
FUEL COST (¢ / KWH)								
40 COAL + GAS B.L. + OIL B.L.	3.32	3.06	0.26	8.50	3.31	3.26	0.05	1.53
41 GAS	3.05	3.02	0.03	0.99	2.64	2.67	(0.03)	(1.12)
42 LANDFILL GAS	3.41	3.13	0.28	8.95	3.38	3.13	0.25	7.99
43 OIL - C.T.	26.81	0.00	26.81	100.00	30.58	0.00	30.58	100.00
44 TOTAL (¢/KWH)	<u>3.21</u>	<u>3.03</u>	<u>0.18</u>	<u>5.94</u>	<u>3.00</u>	<u>2.96</u>	<u>0.04</u>	<u>1.35</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.

**SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
FOR THE MONTH OF: APRIL 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	3,951	7.3	100.0	49.6	14,641	Coal	2,474	11,691	57,846	160,438	4.06	64.85
2			0					Gas-G	0	1,021	0	0	0.00	0.00
3								Gas-S	7,576	1,021	7,732	58,174		7.68
4								Oil-S	106	138,500	615	7,362		69.45
5	Crist 5	75	4,237	7.8	100.0	47.5	16,243	Coal	2,965	11,607	68,822	192,249	4.54	64.84
6			0					Gas-G	0	1,021	0	0	0.00	0.00
7								Gas-S	4,181	1,021	4,268	32,110		7.68
8								Oil-S	49	138,500	284	3,405		69.63
9	Crist 6	299	26,694	12.4	20.0	61.9	10,645	Coal	12,756	11,138	284,157	827,258	3.10	64.85
10			0					Gas-G	0	1,021	0	0	0.00	0.00
11								Gas-S	30,850	1,021	31,487	236,898		7.68
12								Oil-S	0	138,500	2	27		0.00
13	Crist 7	475	201,988	59.1	81.1	72.4	10,040	Coal	87,838	11,544	2,028,011	5,696,438	2.82	64.85
14			0					Gas-G	0	1,021	0	0	0.00	0.00
15								Gas-S	16,555	1,021	16,896	127,124		7.68
16								Oil-S	161	138,500	934	11,178		69.43
17	Smith 3	579	214,611	51.5	63.4	92.2	7,245	Gas-G	1,519,997	1,023	1,554,957	6,555,466	3.05	4.31
18	Smith A (1)	36	67	0.3	100.0	94.5	15,938	Oil	184	138,500	1,068	17,960	26.81	97.61
19	Scherer 3 (2)	214	(1,016)	0.0	0.0	0.0	0	Coal		0	(32,869)	(87,950)	0.00	0.00
20								Oil	0	140,150	0	0	0.00	0.00
21	Other Generation		5,156									151,664	2.94	0.00
22	Perdido		2,050					Landfill Gas				69,945	3.41	0.00
23	Daniel 1 (3)	251	61,898	34.3	96.4	34.3	11,663	Coal	39,079	9,237	721,945	2,544,319	4.11	65.11
24								Oil-S	47	138,500	274	3,114		66.26
25	Daniel 2 (3)	251	(1,377)	0.0	0.0	0.0	0	Coal	0	0	0	0	0.00	0.00
26								Oil-S	0	138,500	0	0		0.00
27	Total	2,255	518,259	31.9	55.0	55.7	9,288				4,746,429	16,607,177	3.20	

Notes & Adjust.: (1) Smith A uses lighter oil
 (2) Represents retail portion of 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

Units	\$	cents/kwh
N/A Daniel Railcar Track Deprec.	(4,022)	
Coal Additive - Daniel	28,302	
Recoverable Fuel	16,631,457	3.21

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

	CURRENT MONTH				PERIOD-TO-DATE				
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE		
			AMOUNT	%			AMOUNT	%	
<u>LIGHT OIL</u>									
1	PURCHASES :								
2	UNITS (BBL)	5	521	(516)	(99.04)	5,071	3,473	1,598	46.01
3	UNIT COST (\$/BBL)	0.00	69.09	(69.09)	(100.00)	73.90	68.86	5.04	7.32
4	AMOUNT (\$)	0	35,996	(35,996)	(100.00)	374,747	239,135	135,612	56.71
5	BURNED :								
6	UNITS (BBL)	363	524	(161)	(30.73)	4,396	3,485	911	26.14
7	UNIT COST (\$/BBL)	69.10	67.38	1.72	2.55	70.21	66.31	3.90	5.88
8	AMOUNT (\$)	25,085	35,305	(10,220)	(28.95)	308,652	231,090	77,562	33.56
9	ENDING INVENTORY :								
10	UNITS (BBL)	5,505	7,268	(1,763)	(24.26)	5,505	7,268	(1,763)	(24.26)
11	UNIT COST (\$/BBL)	69.77	67.10	2.67	4	69.77	67.10	2.67	3.98
12	AMOUNT (\$)	384,086	487,686	(103,600)	(21.24)	384,086	487,686	(103,600)	(21.24)
13	DAYS SUPPLY	N/A	N/A						
<u>COAL EXCLUDING PLANT SCHERER</u>									
14	PURCHASES :								
15	UNITS (TONS)	118,525	65,700	52,825	80.40	554,939	357,880	197,059	55.06
16	UNIT COST (\$/TON)	62.56	70.28	(7.72)	(10.98)	67.63	68.92	(1.29)	(1.87)
17	AMOUNT (\$)	7,415,379	4,617,174	2,798,205	60.60	37,531,555	24,666,483	12,865,072	52.16
18	BURNED :								
19	UNITS (TONS)	145,112	42,345	102,767	242.69	682,614	454,241	228,373	50.28
20	UNIT COST (\$/TON)	64.92	72.28	(7.36)	(10.18)	66.14	72.74	(6.60)	(9.07)
21	AMOUNT (\$)	9,420,702	3,060,746	6,359,956	207.79	45,147,578	33,043,619	12,103,959	36.63
22	ENDING INVENTORY :								
23	UNITS (TONS)	406,520	537,432	(130,912)	(24.36)	406,520	537,432	(130,912)	(24.36)
24	UNIT COST (\$/TON)	64.97	71.65	(6.68)	(9.32)	64.97	71.65	(6.68)	(9.32)
25	AMOUNT (\$)	26,412,042	38,505,495	(12,093,453)	(31.41)	26,412,042	38,505,495	(12,093,453)	(31.41)
26	DAYS SUPPLY	25	34	(9)	(26.47)				
<u>COAL AT PLANT SCHERER</u>									
27	PURCHASES :								
28	UNITS (MMBTU)	478,823	696,254	(217,431)	(31.23)	1,863,996	2,782,422	(918,426)	(33.01)
29	UNIT COST (\$/MMBTU)	2.42	2.45	(0.03)	(1.22)	2.69	2.45	0.24	9.80
30	AMOUNT (\$)	1,158,500	1,705,337	(546,837)	(32.07)	5,014,897	6,809,643	(1,794,746)	(26.36)
31	BURNED :								
32	UNITS (MMBTU)	(32,869)	656,673	(689,542)	(105.01)	1,014,480	2,718,841	(1,704,361)	(62.69)
33	UNIT COST (\$/MMBTU)	2.68	2.47	0.21	8.50	2.65	2.49	0.16	6.43
34	AMOUNT (\$)	(87,950)	1,622,956	(1,710,906)	(105.42)	2,691,158	6,763,985	(4,072,827)	(60.21)
35	ENDING INVENTORY :								
36	UNITS (MMBTU)	3,764,643	1,800,585	1,964,058	109.08	3,764,643	1,800,585	1,964,058	109.08
37	UNIT COST (\$/MMBTU)	2.64	2.47	0.17	6.88	2.64	2.47	0.17	6.88
38	AMOUNT (\$)	9,950,749	4,452,500	5,498,249	123.49	9,950,749	4,452,500	5,498,249	123.49
39	DAYS SUPPLY	70	34	36	105.88				
<u>GAS</u> (Reported on a MMBTU and \$ basis)									
40	PURCHASES :								
41	UNITS (MMBTU)	1,590,062	1,848,289	(258,227)	(13.97)	9,015,739	8,968,446	47,293	0.53
42	UNIT COST (\$/MMBTU)	4.84	4.33	0.51	11.78	3.83	3.83	0.00	0.00
43	AMOUNT (\$)	7,702,406	8,005,024	(302,618)	(3.78)	34,513,949	34,376,634	137,315	0.40
44	BURNED :								
45	UNITS (MMBTU)	1,615,340	1,848,289	(232,949)	(12.60)	9,203,178	8,968,446	234,732	2.62
46	UNIT COST (\$/MMBTU)	4.34	4.33	0.01	0.23	3.82	3.83	(0.01)	(0.26)
47	AMOUNT (\$)	7,009,772	8,005,024	(995,252)	(12.43)	35,173,651	34,376,634	797,017	2.32
48	ENDING INVENTORY :								
48	UNITS (MMBTU)	928,614	0	928,614	100.00	928,614	0	928,614	100.00
50	UNIT COST (\$/MMBTU)	4.22	0.00	4.22	100.00	4.22	0.00	4.22	100.00
51	AMOUNT (\$)	3,914,898	0	3,914,898	100.00	3,914,898	0	3,914,898	100.00

SYSTEM GENERATED FUEL COST - INVENTORY ANALYSIS
GULF POWER COMPANY
FOR THE MONTH OF: APRIL 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	0	0	0	0.00
54	UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	<u>AMOUNT (\$)</u>	0	0	0	0.00	0	0	0	0.00
56	<i>BURNED :</i>								
57	UNITS (BBL)	184	0	184	100.00	388	0	388	100.00
58	UNIT COST (\$/BBL)	97.61	0.00	97.61	100.00	97.72	0.00	97.72	100.00
59	<u>AMOUNT (\$)</u>	17,960	0	17,960	100.00	37,917	0	37,917	100.00
60	<i>ENDING INVENTORY :</i>								
61	UNITS (BBL)	6,534	16,426	(9,892)	(60.22)	6,534	16,426	(9,892)	(60.22)
62	UNIT COST (\$/BBL)	97.84	91.53	6.31	6.89	97.84	91.53	6.31	6.89
63	<u>AMOUNT (\$)</u>	639,294	1,503,549	(864,255)	(57.48)	639,294	1,503,549	(864,255)	(57.48)
64	<u>HOURS SUPPLY</u>	74	187	(113)	(60.43)				

POWER SOLD
GULF POWER COMPANY
FOR THE MONTH OF: APRIL 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	31,859,000	0	31,859,000	2.21	2.71	704,000	863,000
2	Various Economy Sales	11,195,000	0	11,195,000	2.22	2.65	249,000	297,000
3	Gain on Econ. Sales	0	0	0	0.00	0.00	25,000	25,000
4	TOTAL ESTIMATED SALES	43,054,000	0	43,054,000	2.27	2.75	978,000	1,185,000
<i>ACTUAL</i>								
5	Southern Company Interchange	39,111,859	0	39,111,859	2.53	2.68	987,837	1,050,082
6	A.E.C. External	285,452	0	285,452	3	3.59	8,670	10,241
7	CARGILE External	194,763	0	194,763	2.94	4.30	5,727	8,371
8	DUKE PWR External	0	0	0	0.00	0.00	0	0
9	EAGLE EN External	454,509	0	454,509	3.18	4.02	14,455	18,259
10	ENDURE External	9,207	0	9,207	3.74	6.20	344	571
11	EXELON External	128,177	0	128,177	24.76	4.91	31,730	6,288
12	FPC External	218,538	0	218,538	2.94	4.47	6,422	9,775
13	FPL External	301,299	0	301,299	3.08	3.75	9,290	11,285
14	MERCURIA External	0	0	0	0.00	0.00	0	0
15	MISO External	1,051,015	0	1,051,015	2.86	3.52	30,057	37,001
16	MORGAN External	303,120	0	303,120	3.05	3.92	9,236	11,892
17	NCEMC External	0	0	0	0.00	0.00	(3)	0
18	NCMPA1 External	0	0	0	0.00	0.00	0	0
19	OPC External	0	0	0	0.00	0.00	6	0
20	ORLANDO External	49,104	0	49,104	3.47	4.30	1,702	2,112
21	PJM External	384,404	0	384,404	2.20	3.33	8,442	12,801
22	SEC External	96,252	0	96,252	2.53	3.17	2,431	3,054
23	SEPA External	1,822,445	0	1,822,445	2.93	3.77	53,465	68,701
24	TAL External	52,493	0	52,493	2.99	3.70	1,571	1,944
25	TEA External	1,221,044	0	1,221,044	2.89	3.37	35,349	41,210
26	TECO External	133,704	0	133,704	3.66	4.81	4,900	6,428
27	TVA External	559,664	0	559,664	2.91	4.01	16,296	22,430
28	WRI External	117,864	0	117,864	3.05	4.12	3,599	4,853
29	Less: Flow-Thru Energy	(7,383,054)	0	(7,383,054)	2.93	2.93	(216,681)	(216,681)
30	SEPA	1,018,336	1,018,336	0	0.00	0.00	0	0
31	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	27,762	34,703
32	Other transactions including adj.	59,304,205	50,473,292	8,830,913	0.00	0.00	0	0
33	TOTAL ACTUAL SALES	99,434,400	51,491,628	47,942,772	1.05	1.12	1,042,609	1,110,617
34	Difference in Amount	56,380,400	51,491,628	4,888,772	(1.22)	(1.63)	64,609	(74,383)
35	Difference in Percent	130.95	0.00	11.35	(53.74)	(59.27)	6.61	(6.28)

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 31

POWER SOLD
GULF POWER COMPANY
FOR THE MONTH OF: APRIL 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	1,296,453,000	0	1,296,453,000	2.68	3.10	34,760,000	40,228,000
2	Various Economy Sales	54,148,000	0	54,148,000	2.34	2.82	1,265,000	1,527,000
3	Gain on Econ. Sales	0	0	0	0.00	0.00	140,000	140,000
4	TOTAL ESTIMATED SALES	1,350,601,000	0	1,350,601,000	2.68	3.10	36,165,000	41,895,000
<i>ACTUAL</i>								
5	Southern Company Interchange	1,392,164,094	0	1,392,164,094	2.47	2.71	34,430,138	37,717,987
6	A.E.C. External	821,066	0	821,066	2.74	3.42	22,514	28,072
7	CARGILE External	111,614,774	0	111,614,774	2.12	3.37	2,370,553	3,755,937
8	DUKE PWR External	82,872	0	82,872	2.26	3.50	1,874	2,901
9	EAGLE EN External	2,656,561	0	2,656,561	2.58	3.30	68,558	87,576
10	ENDURE External	43,275	0	43,275	2.52	4.23	1,090	1,830
11	EXELON External	923,580	0	923,580	9.46	3.31	87,394	30,534
12	FPC External	993,178	0	993,178	2.56	3.58	25,463	35,510
13	FPL External	698,037	0	698,037	2.75	3.35	19,166	23,413
14	MERCURIA External	32,801,596	0	32,801,596	2.23	3.77	730,271	1,238,254
15	MISO External	8,349,705	0	8,349,705	2.15	2.78	179,780	231,912
16	MORGAN External	2,510,517	0	2,510,517	2.29	2.95	57,591	74,022
17	NCEMC External	89,878	0	89,878	2.45	3.19	2,199	2,870
18	NCMPA1 External	9,515	0	9,515	1.60	2.20	153	209
19	OPC External	352,362	0	352,362	2.50	3.58	8,804	12,627
20	ORLANDO External	524,852	0	524,852	2.69	3.59	14,100	18,830
21	PJM External	2,600,472	0	2,600,472	2.22	3.44	57,799	89,459
22	SEC External	308,466	0	308,466	2.57	3.36	7,921	10,356
23	SEPA External	9,876,716	0	9,876,716	2.25	2.99	221,890	294,869
24	TAL External	435,016	0	435,016	2.39	3.07	10,385	13,369
25	TEA External	7,861,206	0	7,861,206	2.40	2.82	188,516	221,437
26	TECO External	221,298	0	221,298	2.97	4.03	6,570	8,916
27	TVA External	2,039,045	0	2,039,045	2.47	3.41	50,391	69,493
28	WRI External	896,402	0	896,402	2.54	3.25	22,747	29,127
29	Less: Flow-Thru Energy	(45,199,389)	0	(45,199,389)	2.33	2.33	(1,051,284)	(1,051,284)
30	SEPA	3,576,760	3,576,760	0	0.00	0.00	0	0
31	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	1,560,759	1,732,908
32	Other transactions including adj.	567,923,813	268,786,248	299,137,565	0.00	0.00	0	0
33	TOTAL ACTUAL SALES	2,105,175,667	272,363,008	1,832,812,659	1.86	2.04	39,095,324	42,948,225
34	Difference in Amount	754,574,667	272,363,008	482,211,659	(0.82)	(1.06)	2,930,324	1,053,225
35	Difference in Percent	55.87	0.00	35.70	(30.60)	(34.19)	8.10	2.51

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 31

SCHEDULE A-7

PURCHASED POWER
 GULF POWER COMPANY
 (EXCLUSIVE OF ECONOMY ENERGY PURCHASES)
 FOR THE MONTH OF: APRIL 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		(8) TOTAL \$ FOR FUEL ADJ. (6)x(7)(a)
						(A) FUEL COST	(B) TOTAL COST	

ESTIMATED:

NONE

ACTUAL:

NONE

SCHEDULE A-8

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

CURRENT MONTH								
(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)
PURCHASED FROM:	TYPE AND SCHEDULE	TOTAL KWH PURCHASED	KWH FOR OTHER UTILITIES	KWH FOR INTERRUPTIBLE	KWH FOR FIRM	¢/KWH		TOTAL \$ FOR FUEL ADJ.
						(A) FUEL COST	(B) TOTAL COST	
<i>ESTIMATED</i>								
1		11,378,000	0	0	0	2.80	2.80	319,000
<i>ACTUAL</i>								
2	Bay County/Engen, LLC	2,995,000	0	0	0	3.52	3.52	105,385
3	Renewable Energy Customers	0	0	0	0	0.00	0.00	80
4	Ascend Performance Materials	17,261,436	0	0	0	2.79	2.79	481,444
5	International Paper	21,000	0	0	0	3.19	3.19	671
6	TOTAL	20,277,436	0	0	0	2.90	2.90	587,580
7	Difference in Amount	8,899,436				0.10	0.10	268,580
8	Difference in Percent	78.22				3.57	3.57	84.19

PERIOD-TO-DATE								
(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)
PURCHASED FROM:	TYPE AND SCHEDULE	TOTAL KWH PURCHASED	KWH FOR OTHER UTILITIES	KWH FOR INTERRUPTIBLE	KWH FOR FIRM	¢/KWH		TOTAL \$ FOR FUEL ADJ.
						(A) FUEL COST	(B) TOTAL COST	
<i>ESTIMATED</i>								
1		69,656,000	0	0	0	2.61	2.61	1,819,000
<i>ACTUAL</i>								
2	Bay County/Engen, LLC	19,646,000	0	0	0	3.52	3.52	691,219
3	Renewable Energy Customers	0	0	0	0	0.00	0.00	82
4	Ascend Performance Materials	69,300,764	0	0	0	2.58	2.58	1,787,261
5	International Paper	1,974,000	0	0	0	2.39	2.39	47,234
6	TOTAL	90,920,764	0	0	0	2.78	2.78	2,525,796
7	Difference in Amount	21,264,764				0.17	0.17	706,796
8	Difference in Percent	30.53				6.51	6.51	38.86

SCHEDULE A-9

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

	CURRENT MONTH			PERIOD - TO - DATE			
	(1) PURCHASED FROM	(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	247,958,000	2.58	6,394,000	279,703,000	2.59	7,231,000
2	Economy Energy	5,046,000	2.70	136,000	16,555,000	2.84	470,000
3	Other Purchases	163,525,000	4.77	7,807,000	1,805,905,000	3.28	59,187,000
4	TOTAL ESTIMATED PURCHASES	<u>416,529,000</u>	3.44	<u>14,337,000</u>	<u>2,102,163,000</u>	3.18	<u>66,888,000</u>
<u>ACTUAL</u>							
5	Southern Company Interchange	183,404,633	3.09	5,676,265	247,688,670	3.03	7,498,972
6	Non-Associated Companies	41,631,748	0.40	165,856	161,608,894	0.48	776,429
7	Alabama Electric Co-op	0	0.00	0	0	0.00	0
8	Purchased Power & Renewable Agreement Energy	193,949,000	3.52	6,821,540	1,688,035,000	2.98	50,296,229
9	Other Wheeled Energy	7,508,908	0.00	N/A	338,276,241	0.00	N/A
10	Other Transactions	15,400,957	0.07	10,763	104,967,423	0.04	41,058
11	Less: Flow-Thru Energy	(7,383,054)	3.12	(230,697)	(45,199,389)	2.51	(1,136,763)
12	TOTAL ACTUAL PURCHASES	<u>434,512,192</u>	2.86	<u>12,443,728</u>	<u>2,495,376,839</u>	2.30	<u>57,475,925</u>
13	Difference in Amount	17,983,192	(0.58)	(1,893,272)	393,213,839	(0.88)	(9,412,075)
14	Difference in Percent	4.32	(16.86)	(13.21)	18.71	(27.67)	(14.07)

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
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.: **170001-EI**

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing was furnished by electronic mail this 22nd day of May, 2017 to the following:

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