

Robert L. McGee, Jr.  
Regulatory & Pricing Manager

One Energy Place  
Pensacola, Florida 32520-0780

Tel 850.444.6530  
Fax 850.444.6026  
RLMCGEE@southernco.com

FILED AUG 22, 2016  
DOCUMENT NO. 06922-16  
FPSC - COMMISSION CLERK

August 22, 2016



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

Re: Docket No. 160001-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 2016 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,

A handwritten signature in blue ink that reads "Robert L. McGee, Jr.".

Robert L. McGee, Jr.  
Regulatory and Pricing Manager

md

Attachment

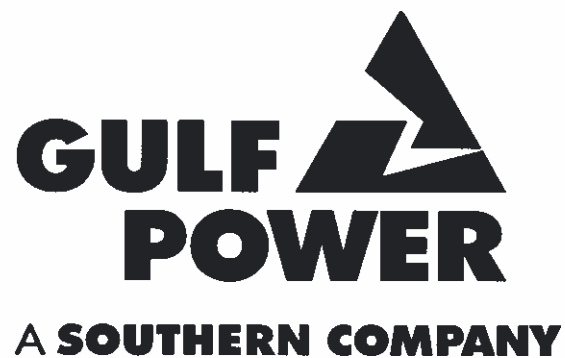
cc w/attachment: Florida Public Service Commission  
Michael C. Barrett  
Division of Auditing and Safety  
Lynn Deamer

**BEFORE THE FLORIDA PUBLIC  
SERVICE COMMISSION**

**Docket No. 160001-EI**

**Monthly Fuel Filing**

**July 2016**



SCHEDULE A1a

**GULF POWER COMPANY  
 RECAP OF ACTUAL FUEL & PURCHASED POWER COSTS  
 SHOWN ON SCHEDULE A-1  
 FOR THE MONTH OF: JULY 2016**

<u>LINE</u>	<u>DESCRIPTION</u>	<u>REFERENCE</u>	<u>AMOUNT</u>
1	Fuel Cost of System Net Generation	Schedule A-3, Line 7	\$ 34,138,160
2	Fuel Related Transactions		0
3	Adjustments to Fuel Cost	Schedule A-2, Line A-7	0
4	Hedging Settlement Costs	Schedule A-2, Line A-5	3,826,500
5	Fuel Cost of Purchased Power	Schedule A-7	0
6	Energy Cost of Economy Purchases	Sch. A-9, Col. 4, Line 12	18,145,716
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	505,284
9	Fuel Cost of Power Sold	Sch. A-6, Col. 7, Total Line	<u>(8,859,913)</u>
10	Total Fuel and Net Power Transactions		<u>\$ 47,755,747</u>

COMPARISON OF ESTIMATED AND ACTUAL  
 FUEL AND PURCHASED POWER COST RECOVERY FACTOR  
 GULF POWER COMPANY  
 JULY 2016

	DOLLARS				KWH				CENTS/KWH			
	ACTUAL	EST'd	DIFFERENCE AMT	%	ACTUAL	EST'd	DIFFERENCE AMT	%	ACTUAL	EST'd	DIFFERENCE AMT	%
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1 Fuel Cost of System Net Generation (A3)	34,138,160	27,195,429	6,942,731	25.53	983,055,000	882,807,000	100,248,000	11.36	3.4727	3.0806	0.39	12.73
2 Hedging Settlement Costs (A2)	3,826,500	3,983,180	(156,680)	(3.93)	0	0	0	0.00	#N/A	#N/A	#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) **	-	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
5 TOTAL COST OF GENERATED POWER	37,964,660	31,178,609	6,786,051	21.77	983,055,000	882,807,000	100,248,000	11.36	3.8619	3.5318	0.33	9.35
6 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
7 Energy Cost of Schedule C & X Econ. Purch.(Broker) (A9)	-	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)	18,145,716	16,185,000	1,980,716	12.25	889,508,544	883,119,000	206,389,544	30.21	2.0400	2.3664	(0.33)	(13.79)
9 Energy Cost of Schedule E Economy Purch. (A9)	-	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	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
11 Energy Payments to Qualifying Facilities (A8)	505,284	346,000	159,284	46.04	16,400,000	11,828,000	4,572,000	38.65	3.0810	2.9253	0.16	5.32
12 TOTAL COST OF PURCHASED POWER	18,651,000	16,511,000	2,140,000	12.96	905,908,544	694,947,000	210,961,544	30.36	2.0588	2.3759	(0.32)	(13.35)
13 Total Available MWH (Line 5 + Line 12)	56,615,660	47,689,609	8,926,051	18.72	1,888,963,544	1,577,754,000	311,209,544	19.72				
14 Fuel Cost of Economy Sales (A6)	(411,935)	(248,000)	(165,935)	67.45	(13,666,437)	(10,867,000)	(2,799,437)	25.76	(3.0142)	(2.2637)	(0.75)	(33.15)
15 Gain on Economy Sales (A6)	(82,991)	(75,000)	(7,991)	10.65	0	0	0	0.00	#N/A	#N/A	#N/A	#N/A
16 Fuel Cost of Other Power Sales (A6)	(8,364,986)	(6,201,000)	(2,163,986)	34.90	(534,909,607)	(287,458,000)	(247,451,607)	86.08	(1.5638)	(2.1572)	0.59	27.51
17 TOTAL FUEL COSTS & GAINS OF POWER SALES (LINES 14 + 15 + 16)	(8,859,912)	(6,522,000)	(2,337,912)	35.85	(548,576,044)	(298,325,000)	(250,251,044)	83.89	(1.6151)	(2.1862)	0.57	26.12
18 Net Inadvertent Interchange	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
19 TOTAL FUEL & NET POWER TRANSACTIONS (LINES 5 + 12 + 17)	47,755,747	41,167,609	6,588,138	16.00	1,340,387,500	1,279,429,000	60,958,500	4.76	3.5628	3.2177	0.35	10.73
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	46,099	56,471	(10,372)	(18.37)	1,293,901	1,755,000	(461,099)	(26.27)	3.5628	3.2177	0.35	10.73
22 T & D Losses	2,305,973	2,069,206	236,767	11.44	64,723,625	64,307,000	416,625	0.65	3.5628	3.2177	0.35	10.73
23 TERRITORIAL KWH SALES	47,755,747	41,167,609	6,588,138	16.00	1,274,369,974	1,213,367,000	61,002,974	5.03	3.7474	3.3928	0.35	10.45
24 Wholesale KWH Sales	1,225,507	1,137,502	88,005	7.74	32,703,259	33,527,000	(823,741)	(2.46)	3.7474	3.3928	0.35	10.45
25 Jurisdictional KWH Sales	46,530,240	40,030,107	6,500,133	16.24	1,241,666,715	1,179,840,000	61,826,715	5.24	3.7474	3.3928	0.35	10.45
26 Jurisdictional Loss Multiplier	1.0015	1.0015							1.0015	1.0015		
27 Jurisdictional KWH Sales Adj. for Line Losses	46,600,035	40,090,152	6,509,883	16.24	1,241,666,715	1,179,840,000	61,826,715	5.24	3.7530	3.3979	0.36	10.45
28 TRUE-UP	(1,614,174)	(1,614,174)	0	0.00	1,241,666,715	1,179,840,000	61,826,715	5.24	(0.1300)	(0.1368)	0.01	(4.97)
29 TOTAL JURISDICTIONAL FUEL COST	44,985,861	38,475,978	6,509,883	16.92	1,241,666,715	1,179,840,000	61,826,715	5.24	3.6230	3.2611	0.36	11.10
30 Revenue Tax Factor									1.00072	1.00072		
31 Fuel Factor Adjusted for Revenue Taxes									3.6256	3.2634	0.36	11.10
32 GPIF Reward / (Penalty)	220,693	220,693	0	0.00	1,241,666,715	1,179,840,000	61,826,715	5.24	0.0178	0.0187	(0.00)	(4.81)
33 Fuel Factor Adjusted for GPIF Reward / (Penalty)									3.6434	3.2821	0.36	11.01
34 FUEL FACTOR ROUNDED TO NEAREST .001(CENTS/KWH)									3.643	3.282		

\* 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 2016  
 PERIOD TO DATE

	DOLLARS				KWH				CENTS/KWH			
	ACTUAL	EST'd	DIFFERENCE AMT	%	ACTUAL	EST'd	DIFFERENCE AMT	%	ACTUAL	EST'd	DIFFERENCE AMT	%
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1 Fuel Cost of System Net Generation (A3)	140,452,560	176,075,629	(35,623,069)	(20.23)	4,417,066,000	5,100,802,000	(683,736,000)	(13.40)	3.1798	3.4519	(0.27)	(7.88)
2 Hedging Settlement Costs (A2)	37,505,696	3,983,180	33,522,516	841.60	0	0	0	0.00	#N/A	#N/A	#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) **	47	0	47	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
5 TOTAL COST OF GENERATED POWER	177,958,303	180,058,809	(2,100,506)	(1.17)	4,417,066,000	5,100,802,000	(683,736,000)	(13.40)	4.0289	3.5300	0.50	14.13
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)	98,572,787	122,147,000	(23,574,213)	(19.30)	6,011,993,471	3,960,596,000	2,051,397,471	51.80	1.6396	3.0841	(1.44)	(46.84)
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)	3,408,999	3,222,000	186,999	5.80	129,809,000	117,752,000	12,157,000	10.32	2.6241	2.7363	(0.11)	(4.10)
12 TOTAL COST OF PURCHASED POWER	101,981,796	125,369,000	(23,387,214)	(18.65)	6,141,902,471	4,078,348,000	2,063,554,471	50.60	1.6604	3.0740	(1.41)	(45.99)
13 Total Available MWH (Line 5 + Line 12)	279,940,089	305,427,809	(25,487,720)	(8.34)	10,558,968,471	9,179,150,000	1,379,818,471	15.03				
14 Fuel Cost of Economy Sales (A6)	(1,390,477)	(1,535,000)	144,523	(9.42)	(65,291,408)	(67,272,000)	1,980,592	(2.94)	(2.1296)	(2.2818)	0.15	6.67
15 Gain on Economy Sales (A6)	(258,942)	(313,000)	54,058	(17.27)	0	0	0	0.00	#N/A	#N/A	#N/A	#N/A
16 Fuel Cost of Other Power Sales (A6)	(39,188,578)	(52,443,000)	13,254,422	(25.27)	(3,495,619,063)	(2,204,054,000)	(1,291,565,063)	58.60	(1.1211)	(2.3794)	1.26	52.88
17 TOTAL FUEL COSTS & GAINS OF POWER SALES (LINES 14 + 15 + 16)	(40,637,997)	(54,291,000)	13,453,003	(24.78)	(3,560,910,471)	(2,271,326,000)	(1,289,584,471)	56.78	(1.1468)	(2.3903)	1.24	52.02
18 Net Inadvertant Interchange	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
19 TOTAL FUEL & NET POWER TRANSACTIONS (LINES 5 + 12 + 17)	239,102,092	251,136,809	(12,034,717)	(4.79)	6,998,058,000	6,907,824,000	90,234,000	1.31	3.4167	3.6355	(0.22)	(6.02)
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 *	304,633	438,623	(133,990)	(30.55)	8,916,007	12,065,000	(3,148,993)	(26.10)	3.4167	3.6355	(0.22)	(6.02)
22 T & D Losses *	11,634,696	12,068,624	(433,928)	(3.60)	340,524,368	331,966,000	8,558,368	2.58	3.4167	3.6355	(0.22)	(6.02)
23 TERRITORIAL KWH SALES	239,102,091	251,136,809	(12,034,718)	(4.79)	6,648,617,625	6,563,793,000	84,824,625	1.29	3.5963	3.8261	(0.23)	(6.01)
24 Wholesale KWH Sales	6,575,208	7,307,603	(732,395)	(10.02)	182,960,526	190,647,000	(7,686,474)	(4.03)	3.5938	3.8331	(0.24)	(6.24)
25 Jurisdictional KWH Sales	232,526,883	243,829,206	(11,302,323)	(4.64)	6,465,657,099	6,373,146,000	92,511,099	1.45	3.5963	3.8259	(0.23)	(6.00)
26 Jurisdictional Loss Multiplier	1.0015	1.0015							1.0015	1.0015		
27 Jurisdictional KWH Sales Adj. for Line Losses	232,875,674	244,194,949	(11,319,275)	(4.64)	6,465,657,099	6,373,146,000	92,511,099	1.45	3.6017	3.8316	(0.23)	(6.00)
28 TRUE-UP	(11,299,217)	(11,299,217)	0	0.00	6,465,657,099	6,373,146,000	92,511,099	1.45	(0.1748)	(0.1773)	0.00	(1.41)
29 TOTAL JURISDICTIONAL FUEL COST	221,576,457	232,895,732	(11,319,275)	(4.86)	6,465,657,099	6,373,146,000	92,511,099	1.45	3.4269	3.6543	(0.23)	(6.22)
30 Revenue Tax Factor									1.00072	1.00072		
31 Fuel Factor Adjusted for Revenue Taxes									3.4294	3.6569	(0.23)	(6.22)
32 GPIF Reward / (Penalty)	1,544,847	1,544,847	0	0.00	6,465,657,099	6,373,146,000	92,511,099	1.45	0.0239	0.0242	(0.00)	(1.24)
33 Fuel Factor Adjusted for GPIF Reward / (Penalty)									3.4533	3.6811	(0.23)	(6.19)
34 FUEL FACTOR ROUNDED TO NEAREST .001(CENTS/KWH)									3.453	3.681		

\* 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 2016

	CURRENT MONTH				PERIOD - TO - DATE			
	ACTUAL	\$ ESTIMATED	DIFFERENCE AMOUNT (\$)	%	ACTUAL	\$ ESTIMATED	DIFFERENCE AMOUNT (\$)	%
<b>A. Fuel Cost &amp; Net Power Transactions</b>								
1 Fuel Cost of System Net Generation	33,946,139.41	26,930,726	7,015,413.41	26.05	139,197,247.84	174,438,674	(35,241,426.16)	(20.20)
1a Other Generation	192,021.02	264,703	(72,681.98)	(27.46)	1,255,312.51	1,636,955	(381,642.49)	(23.31)
2 Fuel Cost of Power Sold	(8,859,912.45)	(6,522,000)	(2,337,912.45)	(35.85)	(40,837,997.05)	(54,291,000)	13,453,002.95	24.78
3 Fuel Cost - Purchased Power	18,145,715.65	16,165,000	1,980,715.65	12.25	98,572,786.94	122,147,000	(23,574,213.06)	(19.30)
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	505,283.82	346,000	159,283.82	46.04	3,408,998.82	3,222,000	186,998.82	5.80
4 Energy Cost - Economy Purchases	0.00	0	0.00	0.00	0.00	0	0.00	0.00
5 Hedging Settlement Cost	3,826,500.00	3,983,180	(156,680.00)	(3.93)	37,505,696.00	3,983,180	33,522,516.00	841.60
6 Total Fuel & Net Power Transactions	47,755,747.45	41,167,609	6,588,138.45	16.00	239,102,045.06	251,136,809	(12,034,763.94)	(4.79)
7 Adjustments To Fuel Cost*	0.00	0	0.00	0.00	46.43	0	46.43	100.00
8 Adj. Total Fuel & Net Power Transactions	47,755,747.45	41,167,609	6,588,138.45	16.00	239,102,091.49	251,136,809	(12,034,717.51)	(4.79)
<b>B. KWH Sales</b>								
1 Jurisdictional Sales	1,241,666,715	1,179,840,000	61,826,715	5.24	6,465,657,099	6,373,146,000	92,511,099	1.45
2 Non-Jurisdictional Sales	32,703,259	33,527,000	(823,741)	(2.46)	182,960,526	190,647,000	(7,686,474)	(4.03)
3 Total Territorial Sales	1,274,369,974	1,213,367,000	61,002,974	5.03	6,648,617,625	6,563,793,000	84,824,625	1.29
4 Juris. Sales as % of Total Terr. Sales	97.4338	97.2369	0.1969	0.20	97.2481	97.0955	0.1526	0.16

\*(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 2016

	CURRENT MONTH				PERIOD - TO - DATE			
	ACTUAL	\$ ESTIMATED	DIFFERENCE AMOUNT (\$)	%	ACTUAL	\$ ESTIMATED	DIFFERENCE AMOUNT (\$)	%
<i>C. True-up Calculation</i>								
1 Jurisdictional Fuel Revenue	47,135,341.20	43,029,639	4,105,702.06	9.54	234,932,445.67	232,433,358	2,499,087.83	1.08
2 Fuel Adj. Revs. Not Applicable to Period:								
2a True-Up Provision	1,614,174.00	1,614,174	0.00	0.00	11,299,217.00	11,299,217	0.00	0.00
2b Incentive Provision	(220,534.00)	(220,534)	0.00	0.00	(1,543,737.00)	(1,543,737)	0.00	0.00
3 Juris. Fuel Revenue Applicable to Period	48,528,981.20	44,423,279	4,105,702.20	9.24	244,687,925.67	242,188,838	2,499,087.67	1.03
Adjusted Total Fuel & Net Power								
4 Transactions (Line A8)	47,755,747.45	41,167,609	6,588,138.45	16.00	239,102,090.72	251,136,809	(12,034,718.28)	(4.79)
5 Juris. Sales % of Total KWH Sales (Line B4)	97.4338	97.2369	0.1969	0.20	97.2481	97.0955	0.1526	0.16
Juris. Total Fuel & Net Power Transactions								
6 Adj. for Line Losses (C4*C5*1.0015)	46,600,034.82	40,090,152	6,509,882.82	16.24	232,875,673.78	244,194,949	(11,319,275.22)	(4.64)
True-Up Provision for the Month								
7 Over/(Under) Collection (C3-C6)	1,928,946.38	4,333,127	(2,404,180.62)	55.48	11,812,251.89	(2,006,110)	13,818,361.89	688.81
8 Interest Provision for the Month	6,206.30	1,598	4,608.30	(288.38)	42,181.54	23,334	18,847.54	(80.77)
9 Beginning True-Up & Interest Provision	18,204,455.13	3,367,543	14,836,912.13	(440.59)	18,046,021.07	19,370,087	(1,324,065.93)	6.84
10 True-Up Collected / (Refunded)	(1,614,174.00)	(1,614,174)	0.00	0.00	(11,299,217.00)	(11,299,217)	0.00	0.00
End of Period - Total Net True-Up, Before								
11 Adjustment (C7+C8+C9+C10)	18,525,433.81	6,088,094	12,437,339.81	(204.29)	18,601,237.50	6,088,094	12,513,143.50	(205.53)
12 Adjustment	0.00	0.00	0.00	0.00	(75,803.69)	0	(75,803.69)	100.00
13 End of Period - Total Net True-Up	18,525,433.81	6,088,094	12,437,339.81	(204.29)	18,525,433.81	6,088,094	12,437,339.81	(204.29)

GT

CALCULATION OF TRUE-UP AND INTEREST PROVISION  
GULF POWER COMPANY  
FOR THE MONTH OF: JULY 2016

	CURRENT MONTH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT (\$)	%
D. <i>Interest Provision</i>				
1 Beginning True-Up Amount (C9)	18,204,455.13	3,367,543	14,836,912.13	440.59
Ending True-Up Amount				
2 Before Interest (C7+C9+C10)	18,519,227.51	6,086,496	12,432,731.51	204.27
3 Total of Beginning & Ending True-Up Amts.	36,723,682.64	9,454,039	27,269,643.64	288.44
4 Average True-Up Amount	18,361,841.32	4,727,020	13,634,821.32	288.44
Interest Rate				
5 1st Day of Reporting Business Month	0.38	0.38	0.0000	
Interest Rate				
6 1st Day of Subsequent Business Month	0.43	0.43	0.0000	
7 Total (D5+D6)	0.81	0.81	0.0000	
8 Annual Average Interest Rate	0.41	0.41	0.0000	
9 Monthly Average Interest Rate (D8/12)	0.0338	0.0338	0.0000	
10 Interest Provision (D4*D9)	6,206.30	1,598	4,608.30	288.38
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: JULY 2016**

	CURRENT MONTH				PERIOD - TO - DATE			
	ACTUAL	EST.	DIFFERENCE		ACTUAL	EST.	DIFFERENCE	
	(1)	(2)	AMOUNT	%	(5)	(6)	AMOUNT	%
<b><u>FUEL COST-NET GEN.(\$)</u></b>								
1 LIGHTER OIL (B.L.)	108,252	49,002	59,250	120.91	806,488	441,602	364,886	82.63
2 COAL	23,362,065	16,665,911	6,696,154	40.18	85,227,422	98,451,560	(13,224,138)	(13.43)
3 GAS	10,277,242	10,099,272	177,970	1.76	52,168,975	74,618,453	(22,449,478)	(30.09)
4 GAS (B.L.)	301,303	315,451	(14,148)	(4.49)	1,752,020	2,121,139	(369,119)	(17.40)
5 LANDFILL GAS	61,905	65,793	(3,888)	(5.91)	424,915	442,875	(17,960)	(4.06)
6 OIL - C.T.	27,394	0	27,394	100.00	72,740	0	72,740	100.00
7 TOTAL (\$)	34,138,160	27,195,429	6,942,731	25.53	140,452,560	176,075,629	(35,623,069)	(20.23)
<b><u>SYSTEM NET GEN. (MWH)</u></b>								
8 LIGHTER OIL	0	0	0	0.00	0	0	0	0.00
9 COAL	616,226	506,325	109,901	21.71	2,038,042	2,744,225	(706,183)	(25.73)
10 GAS	364,835	374,382	(9,547)	(2.55)	2,365,255	2,342,150	23,105	0.99
11 LANDFILL GAS	1,888	2,100	(212)	(10.10)	13,473	14,427	(954)	(6.61)
12 OIL - C.T.	106	0	106	100.00	296	0	296	100.00
13 TOTAL (MWH)	983,055	882,807	100,248	11.36	4,417,066	5,100,802	(683,736)	(13.40)
<b><u>UNITS OF FUEL BURNED</u></b>								
14 LIGHTER OIL (BBL)	1,697	799	898	112.39	12,668	5,195	7,473	143.85
15 COAL (TONS)	317,871	193,640	124,231	64.16	1,079,162	1,243,941	(164,779)	(13.25)
16 GAS (MCF) (1)	2,623,604	2,579,442	44,162	1.71	16,703,353	15,657,860	1,045,493	6.68
17 OIL - C.T. (BBL)	280	0	280	100.00	969	0	969	100.00
<b><u>BTU'S BURNED (MMBTU)</u></b>								
18 COAL + GAS B.L. + OIL B.L.	6,902,888	5,411,422	1,491,466	27.56	23,509,697	29,429,463	(5,919,766)	(20.12)
19 GAS - Generation (1)	2,672,834	2,631,031	41,803	1.59	16,935,121	15,871,017	1,064,104	6.70
20 OIL - C.T.	1,629	0	1,629	100.00	5,633	0	5,633	100.00
21 TOTAL (MMBTU)	9,577,350	8,042,453	1,534,897	19.08	40,450,451	45,300,480	(4,850,029)	(10.71)
<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	62.69	57.35	5.34	9.31	46.13	53.80	(7.67)	(14.26)
24 GAS	37.11	42.41	(5.30)	(12.50)	53.55	45.92	7.63	16.62
25 LANDFILL GAS	0.19	0.24	(0.05)	(20.83)	0.31	0.28	0.03	10.71
26 OIL - C.T.	0.01	0.00	0.01	100.00	0.01	0.00	0.01	100.00
27 TOTAL (% MWH)	100.00	100.00	0.00	0.00	100.00	100.00	0.00	0.00
<b><u>FUEL COST (\$ / UNIT)</u></b>								
28 LIGHTER OIL (\$/BBL)	63.79	61.33	2.46	4.01	63.66	85.01	(21.35)	(25.11)
29 COAL (\$/TON)	73.50	73.48	0.02	0.03	78.98	77.19	1.79	2.32
30 GAS (\$/MCF) (1)	3.96	3.93	0.03	0.76	3.15	4.80	(1.65)	(34.38)
31 OIL - C.T. (\$/BBL)	97.84	0.00	97.84	100.00	75.07	0.00	75.07	100.00
<b><u>FUEL COST (\$ / MMBTU)</u></b>								
32 COAL + GAS B.L. + OIL B.L.	3.44	3.15	0.29	9.21	3.73	3.43	0.30	8.75
33 GAS - Generation (1)	3.77	3.74	0.03	0.80	3.01	4.60	(1.59)	(34.57)
34 OIL - C.T.	16.82	0.00	16.82	100.00	12.91	0.00	12.91	100.00
35 TOTAL (\$/MMBTU)	3.54	3.34	0.20	5.99	3.43	3.84	(0.41)	(10.68)
<b><u>BTU BURNED / KWH</u></b>								
36 COAL + GAS B.L. + OIL B.L.	11,202	10,688	514	4.81	11,535	10,724	811	7.56
37 GAS - Generation (1)	7,446	7,192	254	3.53	7,284	6,917	367	5.31
38 OIL - C.T.	15,366	0	15,366	100.00	19,030	0	19,030	100.00
39 TOTAL (BTU/KWH)	9,820	9,222	598	6.48	9,271	8,991	280	3.11
<b><u>FUEL COST (¢ / KWH)</u></b>								
40 COAL + GAS B.L. + OIL B.L.	3.86	3.36	0.50	14.88	4.31	3.68	0.63	17.12
41 GAS	2.82	2.70	0.12	4.44	2.21	3.19	(0.98)	(30.72)
42 LANDFILL GAS	3.28	3.13	0.15	4.79	3.15	3.07	0.08	2.61
43 OIL - C.T.	25.84	0.00	25.84	100.00	24.57	0.00	24.57	100.00
44 TOTAL (¢/KWH)	3.47	3.08	0.39	12.66	3.18	3.45	(0.27)	(7.83)

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 2016

Line	(a) Plant/Unit	(b) Net Cap. (MW) 2016	(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	29,544	52.9	100.0	56.1	12,522	Coal	15,783	11,720	369,954	1,219,324	4.13	77.26
2			0					Gas-G	0	1,021	0	0	0.00	0.00
3								Gas-S	0	1,021	0	0		0.00
4								Oil-S	85	138,500	492	5,638		66.33
5	Crist 5	75	30,728	55.1	100.0	55.1	12,795	Coal	16,750	11,736	393,150	1,294,011	4.21	77.25
6			0					Gas-G	0	1,021	0	0	0.00	0.00
7								Gas-S	0	1,021	0	0		0.00
8								Oil-S	25	138,500	145	1,662		66.67
9	Crist 6	299	129,986	58.4	94.1	62.1	10,937	Coal	60,762	11,699	1,421,698	4,694,161	3.61	77.25
10			0					Gas-G	0	1,021	0	0	0.00	0.00
11								Gas-S	3,010	1,021	3,073	285,243		94.77
12								Oil-S	920	138,500	5,351	61,326		66.66
13	Crist 7	475	247,451	70.0	100.0	70.0	10,608	Coal	112,535	11,663	2,625,014	8,694,025	3.51	77.26
14			0					Gas-G	0	1,021	0	0	0.00	0.00
15								Gas-S	169	1,021	173	16,059		95.03
16								Oil-S	132	138,500	770	8,819		66.81
17	Smith 1	0	0	0.0	0.0	0.0	0	Coal	0	0	0	0	0.00	0.00
18								Oil-S	0	0	0	0		0.00
19	Smith 2	0	0	0.0	0.0	0.0	0	Coal	0	0	0	0	0.00	0.00
20								Oil-S	0	0	0	0		0.00
21	Smith 3	556	358,966	86.8	100.0	101.0	7,446	Gas-G	2,620,425	1,020	2,672,834	10,085,221	2.81	3.85
22	Smith A (2)	32	106	0.4	92.7	85.3	15,368	Oil	280	138,500	1,629	27,394	25.84	97.84
23	Other Generation		5,869									192,021	3.27	0.00
24	Perdido		1,888					Landfill Gas				61,905	3.28	0.00
25	Daniel 1 (1)	255	88,752	46.8	98.7	47.3	11,640	Coal	56,198	9,192	1,033,089	3,744,092	4.22	66.62
26								Oil-S	117	138,500	681	6,737		57.58
27	Daniel 2 (1)	255	89,765	47.3	99.1	47.8	11,662	Coal	55,843	9,373	1,046,864	3,720,473	4.14	66.62
28								Oil-S	418	138,500	2,433	24,070		57.58
29	Total	2,022	983,055	65.3	98.7	70.9	9,820				9,577,350	34,142,181	3.47	

Notes & Adjust: (1) Represents Gulf's 50% Ownership  
(2) Smith A uses lighter oil

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)	
Recoverable Fuel	34,138,160	3.47

SCHEDULE A-5

SYSTEM GENERATED FUEL COST - INVENTORY ANALYSIS  
 GULF POWER COMPANY  
 FOR THE MONTH OF: JULY 2016

	CURRENT MONTH				PERIOD-TO-DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
<u>LIGHT OIL</u>								
<u>1 PURCHASES :</u>								
2 UNITS (BBL)	525	604	(79)	(13.08)	11,432	5,000	6,432	128.64
3 UNIT COST (\$/BBL)	61.72	65.97	(4.25)	(6.44)	55.49	84.72	(29.23)	(34.50)
4 AMOUNT (\$)	32,401	39,843	(7,442)	(18.68)	634,357	423,579	210,778	49.76
<u>5 BURNED :</u>								
6 UNITS (BBL)	1,697	799	898	112.39	12,894	5,195	7,699	148.20
7 UNIT COST (\$/BBL)	63.79	61.33	2.46	4.01	63.52	85.01	(21.49)	(25.28)
8 AMOUNT (\$)	108,253	49,002	59,251	120.92	818,982	441,602	377,380	85.46
<u>9 ENDING INVENTORY :</u>								
10 UNITS (BBL)	3,438	4,415	(977)	(22.13)	3,438	4,415	(977)	(22.13)
11 UNIT COST (\$/BBL)	58.46	60.63	(2.17)	(3.58)	58.46	60.63	(2.17)	(3.58)
12 AMOUNT (\$)	200,976	267,668	(66,692)	(24.92)	200,976	267,668	(66,692)	(24.92)
13 DAYS SUPPLY	N/A	N/A						
<u>COAL</u>								
<u>14 PURCHASES :</u>								
15 UNITS (TONS)	293,992	190,800	103,192	54.08	708,037	1,132,392	(424,355)	(37.47)
16 UNIT COST (\$/TON)	67.69	65.12	2.57	3.95	81.36	72.26	9.10	12.59
17 AMOUNT (\$)	19,899,460	12,425,808	7,473,652	60.15	57,604,401	81,828,294	(24,223,893)	(29.60)
<u>18 BURNED :</u>								
19 UNITS (TONS)	317,871	193,640	124,231	64.16	1,079,162	1,243,941	(164,779)	(13.25)
20 UNIT COST (\$/TON)	73.51	73.48	0.03	0.04	79.00	77.19	1.81	2.34
21 AMOUNT (\$)	23,366,086	14,229,243	9,136,843	64.21	85,255,572	96,014,892	(10,759,320)	(11.21)
<u>22 ENDING INVENTORY :</u>								
23 UNITS (TONS)	327,921	348,960	(21,039)	(6.03)	327,921	348,960	(21,039)	(6.03)
24 UNIT COST (\$/TON)	72.96	73.33	(0.37)	(0.50)	72.96	73.33	(0.37)	(0.50)
25 AMOUNT (\$)	23,925,785	25,588,975	(1,663,190)	(6.50)	23,925,785	25,588,975	(1,663,190)	(6.50)
26 DAYS SUPPLY	21	22	(1)	(4.55)				
<u>GAS</u> (Reported on a MMBTU and \$ basis)								
<u>27 PURCHASES :</u>								
28 UNITS (MMBTU)	2,671,080	2,631,031	40,049	1.52	17,165,572	15,971,017	1,194,555	7.48
29 UNIT COST (\$/MMBTU)	3.97	3.74	0.23	6.15	3.14	4.68	(1.54)	(32.91)
30 AMOUNT (\$)	10,599,949	9,834,569	765,380	7.78	53,853,754	74,787,186	(20,933,432)	(27.99)
<u>31 BURNED :</u>								
32 UNITS (MMBTU)	2,676,080	2,631,031	45,049	1.71	17,047,033	15,971,017	1,076,016	6.74
33 UNIT COST (\$/MMBTU)	3.88	3.74	0.14	3.74	3.09	4.68	(1.59)	(33.97)
34 AMOUNT (\$)	10,386,446	9,834,569	551,877	5.61	52,665,138	74,787,186	(22,122,048)	(29.58)
<u>35 ENDING INVENTORY :</u>								
36 UNITS (MMBTU)	786,974	0	786,974	100.00	786,974	0	786,974	100.00
37 UNIT COST (\$/MMBTU)	3.77	0.00	3.77	100.00	3.77	0.00	3.77	100.00
38 AMOUNT (\$)	2,969,412	0	2,969,412	100.00	2,969,412	0	2,969,412	100.00
<u>OTHER - C.T. OIL</u>								
<u>39 PURCHASES :</u>								
40 UNITS (BBL)	704	0	704	100.00	1,408	0	1,408	100.00
41 UNIT COST (\$/BBL)	62.80	0.00	62.80	100.00	67.25	0.00	67.00	100.00
42 AMOUNT (\$)	44,211	0	44,211	100.00	94,685	0	94,685	100.00
<u>43 BURNED :</u>								
44 UNITS (BBL)	280	0	280	100.00	969	0	969	100.00
45 UNIT COST (\$/BBL)	97.84	0.00	97.84	100.00	101.92	0.00	101.92	100.00
46 AMOUNT (\$)	27,394	0	27,394	100.00	98,762	0	98,762	100.00
<u>47 ENDING INVENTORY :</u>								
48 UNITS (BBL)	7,173	6,749	424	6.28	7,173	6,749	424	6.28
49 UNIT COST (\$/BBL)	97.84	101.49	(3.65)	(3.60)	97.84	101.49	(3.65)	(3.60)
50 AMOUNT (\$)	701,771	684,955	16,816	2.46	701,771	684,955	16,816	2.46
51 HOURS SUPPLY	81	76	5	6.58				

POWER SOLD  
GULF POWER COMPANY  
FOR THE MONTH OF: JULY 2016

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 \$
<b>ESTIMATED</b>								
1	Southern Company Interchange	287,458,000	0	287,458,000	2.16	2.76	6,201,000	7,940,000
2	Various Economy Sales	10,867,000	0	10,867,000	2.26	2.76	246,000	300,000
3	Gain on Econ. Sales	0	0	0	0.00	0.00	75,000	75,000
4	<b>TOTAL ESTIMATED SALES</b>	<b>298,325,000</b>	<b>0</b>	<b>298,325,000</b>	<b>2.19</b>	<b>2.79</b>	<b>6,522,000</b>	<b>8,315,000</b>
<b>ACTUAL</b>								
5	Southern Company Interchange	311,498,132	0	311,498,132	2.80	3.16	8,724,511	9,847,993
6	A.E.C. External	160,399	0	160,399	2.79	3.41	4,472	5,469
7	AECI External	0	0	0	0.00	0.00	0	0
8	CARGILE External	163,608	0	163,608	23.48	4.88	38,423	7,981
9	DUKE PWR External	205,312	0	205,312	3.33	5.80	6,837	11,908
10	EAGLE EN External	25,407	0	25,407	2.21	2.95	561	748
11	ENDURE External	12,832	0	12,832	3.19	4.30	410	552
12	EXELON External	217,817	0	217,817	3.03	3.96	6,604	8,634
13	FPC External	142,550	0	142,550	3.09	6.22	4,400	8,868
14	FPL External	3,547,210	0	3,547,210	2.92	4.46	103,577	158,091
15	JPMVEC External	0	0	0	0.00	0.00	(5,775)	0
16	MERCURIA External	32,142	0	32,142	20.04	2.86	6,441	920
17	MISO External	372,569	0	372,569	2.50	3.07	9,317	11,429
18	MORGAN External	298,272	0	298,272	2.31	3.15	6,891	9,406
19	NCEMC External	28,166	0	28,166	3.02	3.87	850	1,090
20	NOBLEAGP External	0	0	0	0.00	0.00	0	0
21	OPC External	20,210	0	20,210	3.66	8.17	740	1,651
22	ORLANDO External	1,648,975	0	1,648,975	3.10	4.65	51,158	76,724
23	PJM External	267,155	0	267,155	3.26	4.97	8,706	13,275
24	REMC External	4,301	0	4,301	2.55	4.50	110	194
25	SCE&G External	863,574	0	863,574	2.40	3.08	20,753	26,605
26	SEC External	152,696	0	152,696	3.36	5.06	5,132	7,722
27	SEPA External	2,901,002	0	2,901,002	2.25	2.92	65,156	84,788
28	TAL External	1,604	0	1,604	3.62	3.90	58	63
29	TEA External	1,083,504	0	1,083,504	2.57	3.48	27,862	37,731
30	TECO External	185,098	0	185,098	3.02	4.16	5,598	7,708
31	TENASKA External	0	0	0	0.00	0.00	0	0
32	TVA External	1,276,600	0	1,276,600	3.31	5.27	42,316	67,310
33	WRI External	55,434	0	55,434	2.42	3.08	1,339	1,709
34	Less. Flow-Thru Energy	(12,853,100)	0	(12,853,100)	2.80	2.80	(359,525)	(359,525)
35	SEPA	928,000	928,000	0	0.00	0.00	0	0
36	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	82,991	82,991
37	Other transactions including adj	235,336,575	123,995,792	111,340,783	0.00	0.00	0	0
38	<b>TOTAL ACTUAL SALES</b>	<b>548,576,044</b>	<b>124,923,792</b>	<b>423,652,252</b>	<b>1.62</b>	<b>1.83</b>	<b>8,859,913</b>	<b>10,039,043</b>
38	Difference in Amount	250,251,044	124,923,792	125,327,252	(0.57)	(0.96)	2,337,913	1,724,043
39	Difference in Percent	83.89	0.00	42.01	(26.03)	(34.41)	35.85	20.73

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 36

POWER SOLD  
GULF POWER COMPANY  
FOR THE MONTH OF: JULY 2016

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	2,204,054,000	0	2,204,054,000	2.38	2.78	52,443,000	61,244,000
2	Various Economy Sales	67,272,000	0	67,272,000	2.28	2.76	1,535,000	1,856,000
3	Gain on Econ. Sales	0	0	0	0.00	0.00	313,000	313,000
4	<b>TOTAL ESTIMATED SALES</b>	<b>2,271,326,000</b>	<b>0</b>	<b>2,271,326,000</b>	<b>2.39</b>	<b>2.79</b>	<b>54,291,000</b>	<b>63,413,000</b>
<i>ACTUAL</i>								
5	Southern Company Interchange	1,758,069,708	0	1,758,069,708	2.30	2.61	40,374,277	45,935,715
6	A E C External	1,093,347	0	1,093,347	2.15	2.90	23,527	31,759
7	AECI External	0	0	0	0.00	0.00	2	0
8	CARGILE External	1,681,288	0	1,681,288	4.39	3.27	73,799	55,040
9	DUKE PWR External	297,381	0	297,381	2.74	4.69	8,146	13,935
10	EAGLE EN External	1,644,782	0	1,644,782	1.95	2.82	32,081	46,353
11	ENDURE External	49,404	0	49,404	2.81	3.88	1,390	1,918
12	EXELON External	841,184	0	841,184	3.89	3.03	32,763	25,510
13	FPC External	650,439	0	650,439	2.81	4.72	18,254	30,682
14	FPL External	4,750,910	0	4,750,910	2.77	4.27	131,707	202,772
15	JPMVEC External	226,163	0	226,162	0.00	3.70	0	8,373
16	MERCURIA External	36,633	0	36,633	21.59	2.90	7,909	1,063
17	MISO External	10,272,933	0	10,272,933	1.44	2.05	148,225	210,845
18	MORGAN External	3,899,720	0	3,899,720	1.70	2.54	66,460	98,966
19	NCEMC External	401,554	0	401,554	2.25	2.59	9,021	10,385
20	NOBLEAGP External	0	0	0	0.00	0.00	3,880	0
21	OPC External	302,834	0	302,834	1.83	2.84	5,541	8,588
22	ORLANDO External	2,853,805	0	2,853,805	2.73	4.02	77,870	114,601
23	PJM External	9,160,725	0	9,160,725	1.61	2.71	147,505	247,984
24	REMC External	4,301	0	4,301	2.55	4.50	110	194
25	SCE&G External	6,061,936	0	6,061,936	2.10	2.62	127,185	158,542
26	SEC External	870,444	0	870,444	2.62	3.77	22,837	32,780
27	SEPA External	4,779,144	0	4,779,144	2.19	2.84	104,469	135,907
28	TAL External	90,722	0	90,722	1.87	2.83	1,696	2,569
29	TEA External	8,893,661	0	8,893,661	1.98	2.68	175,808	238,497
30	TECO External	365,128	0	365,128	2.77	3.71	10,125	13,535
31	TENASKA External	8,277	0	8,277	2.88	4.34	239	359
32	TVA External	4,022,816	0	4,022,816	2.64	4.30	106,028	173,110
33	WRI External	2,031,877	0	2,031,877	2.65	2.17	53,901	44,054
34	Less. Flow-Thru Energy	(59,388,386)	0	(59,388,386)	2.00	2.00	(1,185,699)	(1,185,699)
35	SEPA	11,435,000	11,435,000	0	0.00	0.00	0	0
36	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	258,942	258,943
37	Other transactions including adj.	1,785,502,741	856,325,244	929,177,497	0.00	0.00	0	0
38	<b>TOTAL ACTUAL SALES</b>	<b>3,560,910,471</b>	<b>867,760,245</b>	<b>2,693,150,226</b>	<b>1.15</b>	<b>1.31</b>	<b>40,837,997</b>	<b>46,658,337</b>
38	Difference in Amount	1,289,584,471	867,760,245	421,824,226	(1.24)	(1.48)	(13,453,003)	(16,754,663)
39	Difference in Percent	56.78	0.00	18.57	(51.88)	(53.05)	(24.78)	(26.42)

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 36

**PURCHASED POWER  
GULF POWER COMPANY  
(EXCLUSIVE OF ECONOMY ENERGY PURCHASES)  
FOR THE MONTH OF: JULY 2016**

(1)	(2)	(3)	(4)	(5)	(6)	(7) ¢ / KWH		(8)
PURCHASED FROM	TYPE & SCHEDULE	TOTAL KWH PURCHASED	KWH FOR OTHER UTILITIES	KWH FOR INTERRUPTIBLE	KWH FOR FIRM	(A) FUEL COST	(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: JULY 2016

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		
<u>ESTIMATED</u>									
1	Total Payment to Qualified Facilities	11,828,000	0	0	0	2.93	2.93	346,000	
<u>ACTUAL</u>									
2	Bay County/Engen, LLC	Contract	5,039,000	0	0	0	3.52	3.52	177,288
3	Renewable Energy Customers	COG 1	0	0	0	0.00	0.00	0	
4	Ascend Performance Materials	COG 1	11,340,000	0	0	2.89	2.89	327,517	
5	International Paper	COG 1	21,000	0	0	2.28	2.28	478	
6	TOTAL		<u>16,400,000</u>	<u>0</u>	<u>0</u>	<u>3.08</u>	<u>3.08</u>	<u>505,284</u>	
7	Difference in Amount		4,572,000			0.15	0.15	159,284	
8	Difference in Percent		38.65			5.12	5.12	46.04	

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		
<u>ESTIMATED</u>									
1	Total Payment to Qualified Facilities	117,752,000	0	0	0	2.74	2.74	3,222,000	
<u>ACTUAL</u>									
2	Bay County/Engen, LLC	Contract	32,550,000	0	0	0	3.52	3.52	1,145,196
3	Renewable Energy Customers	COG 1	0	0	0	0.00	0.00	97	
4	Ascend Performance Materials	COG 1	97,248,000	0	0	2.33	2.33	2,261,581	
5	International Paper	COG 1	111,000	0	0	1.91	1.91	2,125	
6	TOTAL		<u>129,909,000</u>	<u>0</u>	<u>0</u>	<u>2.62</u>	<u>2.62</u>	<u>3,408,999</u>	
7	Difference in Amount		12,157,000			(0.12)	(0.12)	186,999	
8	Difference in Percent		10.32			(4.38)	(4.38)	5.80	

SCHEDULE A-9

ECONOMY ENERGY PURCHASES  
INCLUDING LONG TERM PURCHASES  
GULF POWER COMPANY  
FOR THE MONTH OF: JULY 2016

	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	45,696,000	2.81	1,282,000	401,674,000	2.57	10,325,000
2	Economy Energy	6,352,000	2.79	177,000	23,923,000	2.87	686,000
3	Other Purchases	631,071,000	2.33	14,706,000	3,534,999,000	3.14	111,136,000
4	TOTAL ESTIMATED PURCHASES	<u>683,119,000</u>	2.37	<u>16,165,000</u>	<u>3,960,596,000</u>	3.08	<u>122,147,000</u>
<u>ACTUAL</u>							
5	Southern Company Interchange	90,401,074	2.96	2,675,463	710,915,873	2.32	16,519,525
6	Non-Associated Companies	132,960,448	0.58	767,541	606,327,892	0.41	2,481,922
7	Alabama Electric Co-op	0	0.00	0	0	0.00	0
8	Purchased Power & Renewable Agreement Energy	555,570,000	2.71	15,065,405	3,465,997,000	2.33	80,791,674
9	Other Wheeled Energy	162,517,000	0.00	N/A	1,112,228,000	0.00	N/A
10	Other Transactions	(39,086,878)	(0.09)	33,782	175,913,092	0.06	112,555
11	Less: Flow-Thru Energy	<u>(12,853,100)</u>	3.08	<u>(396,476)</u>	<u>(59,388,386)</u>	2.24	<u>(1,332,889)</u>
12	TOTAL ACTUAL PURCHASES	<u>889,508,544</u>	2.04	<u>18,145,716</u>	<u>6,011,993,471</u>	1.64	<u>98,572,787</u>
13	Difference in Amount	206,389,544	(0.33)	1,980,716	2,051,397,471	(1.44)	(23,574,213)
14	Difference in Percent	30.21	(13.92)	12.25	51.80	(46.75)	(19.30)



2016 CAPACITY CONTRACTS  
GULF POWER COMPANY

Capacity Costs (\$)

A	CONTRACT/COUNTERPARTY	CONTRACT		TERM		January <sup>(1)</sup>	February <sup>(2)</sup>	March	April	May <sup>(2)</sup>	June	July	August	September	October	November	December	YTD	
		TYPE	Start	End															
1	Southern Intercompany Interchange	SES Opco	2/18/2007	5 Yr Notice		(17,016)	1,445	(23,747)	31,189	4,868	0	0							(3,261)
2	Power Purchase Agreements & Other Confidential Agreements					7,372,084	7,372,046	7,372,277	7,371,610	7,421,610	7,388,259	7,202,997							51,500,883
				Total		7,355,068	7,373,491	7,348,530	7,402,799	7,426,478	7,388,259	7,202,997	0	0	0	0	0	0	51,497,622

Capacity Costs (MW)

B	CONTRACT/COUNTERPARTY	TYPE	Start	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	(23)	0	(73)	157	0	0	0					
2	Power Purchase Agreements & Other Confidential Agreements				Varies	Varies	Varies	Varies	Varies	Varies	Varies					

(1) Southern Intercompany Interchange reserve sharing charge includes prior month true up

(2) Southern Intercompany Interchange reserve sharing prior month true up only

<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
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.: **160001-EI**

**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true copy of the foregoing was furnished by electronic mail this 22nd day of August, 2016 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  
Ashley M. Daniels  
Post Office Box 391  
Tallahassee, FL 32302  
[jbeasley@ausley.com](mailto:jbeasley@ausley.com)  
[adaniels@ausley.com](mailto:adaniels@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)

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)  
[tefarley@psc.state.fl.us](mailto:tefarley@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**  
Florida Bar No. 325953  
[jas@beggslane.com](mailto:jas@beggslane.com)  
**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**