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June 20, 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 revised schedule A-2 for April, 2016 and the following for the month of May 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

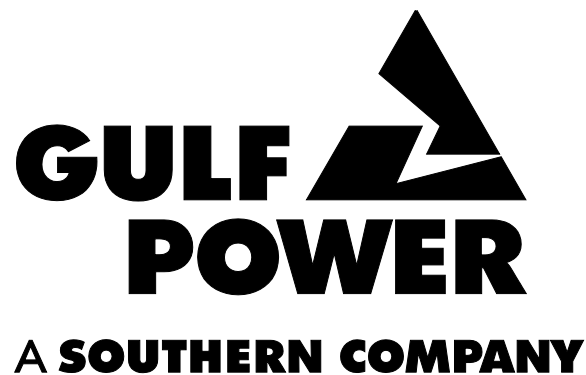
cc w/attachment: Florida Public Service Commission  
Michael C. Barrett  
Division of Auditing and Safety  
Lynn Deamer

**BEFORE THE FLORIDA PUBLIC  
SERVICE COMMISSION**

**Docket No. 160001-EI**

**MONTHLY FUEL FILING**

**May 2016**



**COMPARISON OF ESTIMATED AND ACTUAL  
FUEL AND PURCHASED POWER COST RECOVERY FACTOR  
GULF POWER COMPANY  
MAY 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)	16,131,349	25,942,322	(9,810,973)	(37.82)	462,769,000	708,571,000	(245,802,000)	(34.69)	3.4858	3.6612	(0.18)	(4.79)
2 Hedging Settlement Costs (A2)	5,718,593	0	5,718,593	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) **	8	0	8	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
5 TOTAL COST OF GENERATED POWER	21,849,950	25,942,322	(4,092,372)	(15.77)	462,769,000	708,571,000	(245,802,000)	(34.69)	4.7216	3.6612	1.06	28.96
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)	14,011,811	18,392,000	(4,380,189)	(23.82)	917,453,755	581,924,000	335,529,755	57.66	1.5272	3.1606	(1.63)	(51.68)
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)	517,023	398,000	119,023	29.91	21,405,000	13,615,000	7,790,000	57.22	2.4154	2.9232	(0.51)	(17.37)
12 TOTAL COST OF PURCHASED POWER	14,528,834	18,790,000	(4,261,166)	(22.68)	938,858,755	595,539,000	343,319,755	57.65	1.5475	3.1551	(1.61)	(50.95)
13 Total Available MWH (Line 5 + Line 12)	36,378,784	44,732,322	(8,353,538)	(18.67)	1,401,827,755	1,304,110,000	97,517,755	7.48				
14 Fuel Cost of Economy Sales (A6)	(104,527)	(218,000)	113,473	(52.05)	(6,159,991)	(9,457,000)	3,297,009	(34.86)	(1.6969)	(2.3052)	0.61	26.39
15 Gain on Economy Sales (A6)	(2,243)	(39,000)	36,757	(94.25)	0	0	0	0.00	#N/A	#N/A	#N/A	#N/A
16 Fuel Cost of Other Power Sales (A6)	(2,309,334)	(5,985,000)	3,675,667	(61.41)	(378,016,514)	(262,112,000)	(115,904,514)	44.22	(0.6109)	(2.2834)	1.67	73.25
17 TOTAL FUEL COSTS & GAINS OF POWER SALES (LINES 14 + 15 + 16)	(2,416,104)	(6,242,000)	3,825,896	(61.29)	(384,176,505)	(271,569,000)	(112,607,505)	41.47	(0.6289)	(2.2985)	1.67	72.64
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)	33,962,680	38,490,322	(4,527,642)	(11.76)	1,017,451,250	1,032,541,000	(15,089,750)	(1.46)	3.3380	3.7277	(0.39)	(10.45)
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 *	38,035	59,643	(21,608)	(36.23)	1,139,459	1,600,000	(460,541)	(28.78)	3.3380	3.7277	(0.39)	(10.45)
22 T & D Losses *	1,240,861	1,962,858	(721,997)	(36.78)	37,173,783	52,656,000	(15,482,217)	(29.40)	3.3380	3.7277	(0.39)	(10.45)
23 TERRITORIAL KWH SALES	33,962,680	38,490,322	(4,527,642)	(11.76)	979,138,008	978,285,000	853,008	0.09	3.4686	3.9345	(0.47)	(11.84)
24 Wholesale KWH Sales	901,743	1,090,238	(188,495)	(17.29)	25,996,698	27,710,000	(1,713,302)	(6.18)	3.4687	3.9345	(0.47)	(11.84)
25 Jurisdictional KWH Sales	33,060,937	37,400,084	(4,339,147)	(11.60)	953,141,310	950,575,000	2,566,310	0.27	3.4686	3.9345	(0.47)	(11.84)
26 Jurisdictional Loss Multiplier	1.0015	1.0015							1.0015	1.0015		
27 Jurisdictional KWH Sales Adj. for Line Losses	33,110,528	37,458,184	(4,345,656)	(11.60)	953,141,310	950,575,000	2,566,310	0.27	3.4738	3.9404	(0.47)	(11.84)
28 TRUE-UP	(1,614,174)	(1,614,174)	0	0.00	953,141,310	950,575,000	2,566,310	0.27	(0.1694)	(0.1698)	0.00	(0.24)
29 TOTAL JURISDICTIONAL FUEL COST	31,496,354	35,842,010	(4,345,656)	(12.12)	953,141,310	950,575,000	2,566,310	0.27	3.3044	3.7706	(0.47)	(12.36)
30 Revenue Tax Factor									1.00072	1.00072		
31 Fuel Factor Adjusted for Revenue Taxes									3.3068	3.7733	(0.47)	(12.36)
32 GPIF Reward / (Penalty)	220,693	220,693	0	0.00	953,141,310	950,575,000	2,566,310	0.27	0.0232	0.0232	0.00	0.00
33 Fuel Factor Adjusted for GPIF Reward / (Penalty)									3.3300	3.7965	(0.47)	(12.29)
34 FUEL FACTOR ROUNDED TO NEAREST .001(CENTS/KWH)									3.330	3.797		

\* 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: MAY 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	\$ 16,131,349
2	Fuel Related Transactions		0
3	Adjustments to Fuel Cost	Schedule A-2, Line A-7	8
4	Hedging Settlement Costs	Schedule A-2, Line A-5	5,718,593
5	Fuel Cost of Purchased Power	Schedule A-7	0
6	Energy Cost of Economy Purchases	Sch. A-9, Col. 4, Line 12	14,011,811
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	517,023
9	Fuel Cost of Power Sold	Sch. A-6, Col. 7, Total Line	<u>(2,416,104)</u>
10	Total Fuel and Net Power Transactions		<u>\$ 33,962,680</u>

**COMPARISON OF ESTIMATED AND ACTUAL  
FUEL AND PURCHASED POWER COST RECOVERY FACTOR  
GULF POWER COMPANY  
MAY 2016  
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)	75,940,935	115,788,763	(39,847,828)	(34.41)	2,587,449,000	3,266,098,000	(678,649,000)	(20.78)	2.9350	3.5452	(0.61)	(17.21)
2 Hedging Settlement Costs (A2)	28,941,938	0	28,941,938	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) **	27	0	27	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
5 TOTAL COST OF GENERATED POWER	104,882,900	115,788,763	(10,905,863)	(9.42)	2,587,449,000	3,266,098,000	(678,649,000)	(20.78)	4.0535	3.5452	0.51	14.34
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)	64,285,287	87,903,000	(23,617,713)	(26.87)	4,238,068,389	2,730,592,000	1,507,476,389	55.21	1.5169	3.2192	(1.70)	(52.86)
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)	2,271,175	2,490,000	(218,825)	(8.79)	91,182,000	92,748,000	(1,566,000)	(1.69)	2.4908	2.6847	(0.19)	(7.22)
12 TOTAL COST OF PURCHASED POWER	66,556,462	90,393,000	(23,836,538)	(26.37)	4,329,250,389	2,823,340,000	1,505,910,389	53.34	1.5374	3.2016	(1.66)	(51.98)
13 Total Available MWH (Line 5 + Line 12)	171,439,362	206,181,763	(34,742,401)	(16.85)	6,916,699,389	6,089,438,000	827,261,389	13.59				
14 Fuel Cost of Economy Sales (A6)	(771,793)	(1,088,000)	316,207	(29.06)	(43,229,059)	(46,802,000)	5,572,941	(11.42)	(1.7854)	(2.2294)	0.44	19.92
15 Gain on Economy Sales (A6)	(139,357)	(166,000)	26,643	(16.05)	0	0	0	0.00	#N/A	#N/A	#N/A	#N/A
16 Fuel Cost of Other Power Sales (A6)	(23,821,015)	(37,938,000)	14,114,985	(37.21)	(2,414,551,830)	(1,604,839,000)	(809,712,830)	50.45	(0.9866)	(2.3639)	1.38	58.26
TOTAL FUEL COSTS & GAINS OF POWER SALES (LINES 14 + 15 + 16)	(24,732,165)	(39,190,000)	14,457,835	(36.89)	(2,457,780,889)	(1,653,641,000)	(804,139,889)	48.63	(1.0063)	(2.3699)	1.36	57.54
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)	146,707,196	166,991,763	(20,284,567)	(12.15)	4,458,918,500	4,435,797,000	23,121,500	0.52	3.2902	3.7646	(0.47)	(12.60)
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 *	209,537	323,304	(113,767)	(35.19)	6,368,513	8,588,000	(2,219,487)	(25.84)	3.2902	3.7646	(0.47)	(12.60)
22 T & D Losses *	7,027,310	7,461,061	(433,751)	(5.81)	213,583,069	198,190,000	15,393,069	7.77	3.2902	3.7646	(0.47)	(12.60)
23 TERRITORIAL KWH SALES	146,707,196	166,991,763	(20,284,567)	(12.15)	4,238,966,918	4,229,019,000	9,947,918	0.24	3.4609	3.9487	(0.49)	(12.35)
24 Wholesale KWH Sales	4,165,380	4,983,795	(818,415)	(16.42)	120,136,788	126,166,000	(6,029,212)	(4.78)	3.4672	3.9502	(0.48)	(12.23)
25 Jurisdictional KWH Sales	142,541,816	162,007,968	(19,466,152)	(12.02)	4,118,830,130	4,102,853,000	15,977,130	0.39	3.4607	3.9487	(0.49)	(12.36)
26 Jurisdictional Loss Multiplier	1.0015	1.0015							1.0015	1.0015		
27 Jurisdictional KWH Sales Adj. for Line Losses	142,755,630	162,250,979	(19,495,349)	(12.02)	4,118,830,130	4,102,853,000	15,977,130	0.39	3.4659	3.9546	(0.49)	(12.36)
28 TRUE-UP	(8,070,869)	(8,070,869)	0	0.00	4,118,830,130	4,102,853,000	15,977,130	0.39	(0.1960)	(0.1967)	0.00	(0.36)
29 TOTAL JURISDICTIONAL FUEL COST	134,684,761	154,180,110	(19,495,349)	(12.64)	4,118,830,130	4,102,853,000	15,977,130	0.39	3.2699	3.7579	(0.49)	(12.99)
30 Revenue Tax Factor									1.00072	1.00072		
31 Fuel Factor Adjusted for Revenue Taxes									3.2723	3.7606	(0.49)	(12.98)
32 GPIF Reward / (Penalty)	1,103,461	1,103,461	0	0.00	4,118,830,130	4,102,853,000	15,977,130	0.39	0.0268	0.0269	(0.00)	(0.37)
33 Fuel Factor Adjusted for GPIF Reward / (Penalty)									3.2991	3.7875	(0.49)	(12.90)
34 FUEL FACTOR ROUNDED TO NEAREST .001(CENTS/KWH)									3.299	3.788		

\* Included for Informational Purposes Only

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

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**CALCULATION OF TRUE-UP AND INTEREST PROVISION  
GULF POWER COMPANY  
FOR THE MONTH OF: MAY 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	15,949,056.59	25,642,216	(9,693,159.41)	(37.80)	75,069,715.83	114,706,954	(39,637,238.17)	(34.56)
1a Other Generation	182,292.10	300,106	(117,813.90)	(39.26)	871,219.48	1,081,809	(210,589.52)	(19.47)
2 Fuel Cost of Power Sold	(2,416,103.49)	(6,242,000)	3,825,896.51	61.29	(24,732,165.06)	(39,190,000)	14,457,834.94	36.89
3 Fuel Cost - Purchased Power	14,011,811.53	18,392,000	(4,380,188.47)	(23.82)	64,285,287.08	87,903,000	(23,617,712.92)	(26.87)
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	517,022.76	398,000	119,022.76	29.91	2,271,174.67	2,490,000	(218,825.33)	(8.79)
4 Energy Cost - Economy Purchases	0.00	0	0.00	0.00	0.00	0	0.00	0.00
5 Hedging Settlement Cost	5,718,593.00	0	5,718,593.00	100.00	28,941,938.00	0	28,941,938.00	100.00
6 Total Fuel & Net Power Transactions	33,962,672.49	38,490,322	(4,527,649.51)	(11.76)	146,707,170.00	166,991,763	(20,284,593.00)	(12.15)
7 Adjustments To Fuel Cost*	7.56	0	7.56	100.00	26.48	0	26.48	100.00
8 Adj. Total Fuel & Net Power Transactions	33,962,680.05	38,490,322	(4,527,641.95)	(11.76)	146,707,196.48	166,991,763	(20,284,566.52)	(12.15)
<b>B. KWH Sales</b>								
1 Jurisdictional Sales	953,141,310	950,575,000	2,566,310	0.27	4,118,830,130	4,102,853,000	15,977,130	0.39
2 Non-Jurisdictional Sales	25,996,698	27,710,000	(1,713,302)	(6.18)	120,136,788	126,166,000	(6,029,212)	(4.78)
3 Total Territorial Sales	979,138,008	978,285,000	853,008	0.09	4,238,966,918	4,229,019,000	9,947,918	0.24
4 Juris. Sales as % of Total Terr. Sales	97.3449	97.1675	0.1774	0.18	97.1659	97.0167	0.1492	0.15

\*(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: MAY 2016**

	CURRENT MONTH				PERIOD - TO - DATE			
	ACTUAL	\$ ESTIMATED	DIFFERENCE AMOUNT (\$)	%	ACTUAL	\$ ESTIMATED	DIFFERENCE AMOUNT (\$)	%
<b>C. True-up Calculation</b>								
1 Jurisdictional Fuel Revenue	33,711,743.78	34,668,175	(956,430.91)	(2.76)	145,936,472.12	149,634,090	(3,697,617.57)	(2.47)
2 Fuel Adj. Revs. Not Applicable to Period:								
2a True-Up Provision	1,614,174.00	1,614,174	0.00	0.00	8,070,869.00	8,070,869	0.00	0.00
2b Incentive Provision	(220,534.00)	(220,534)	0.00	0.00	(1,102,669.00)	(1,102,669)	0.00	0.00
3 Juris. Fuel Revenue Applicable to Period	35,105,383.78	36,061,815	(956,431.22)	(2.65)	152,904,672.12	156,602,290	(3,697,617.88)	(2.36)
Adjusted Total Fuel & Net Power								
4 Transactions (Line A8)	33,962,680.05	38,490,322	(4,527,641.95)	(11.76)	146,707,195.71	166,991,763	(20,284,567.29)	(12.15)
5 Juris. Sales % of Total KWH Sales (Line B4)	97.3449	97	0.1774	0.18	97.17	97.0167	0.1492	0.15
Juris. Total Fuel & Net Power Transactions								
6 Adj. for Line Losses (C4*C5*1.0015)	33,110,528.34	37,456,184	(4,345,655.66)	(11.60)	142,755,630.38	162,250,979	(19,495,348.62)	(12.02)
True-Up Provision for the Month								
7 Over/(Under) Collection (C3-C6)	1,994,855.44	(1,394,369)	3,389,224.44	243.07	10,149,041.74	(5,648,688)	15,797,729.74	279.67
8 Interest Provision for the Month	5,805.64	2,095	3,710.64	(177.12)	30,080.58	20,344	9,736.58	(47.86)
9 Beginning True-Up & Interest Provision	19,691,983.62	8,677,322	11,014,661.62	(126.94)	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	(8,070,869.00)	(8,070,869)	0.00	0.00
End of Period - Total Net True-Up, Before								
11 Adjustment (C7+C8+C9+C10)	20,078,470.70	5,670,874	14,407,596.70	(254.06)	20,154,274.39	5,670,874	14,483,400.39	(255.40)
12 Adjustment		-	0.00	0.00	(75,803.69)	0	(75,803.69)	100.00
13 End of Period - Total Net True-Up	20,078,470.70	5,670,874	14,407,596.70	(254.06)	20,078,470.70	5,670,874	14,407,596.70	(254.06)

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

	CURRENT MONTH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT (\$)	%
<b>D. Interest Provision</b>				
1 Beginning True-Up Amount (C9)	19,691,983.62	8,677,322	11,014,661.62	126.94
Ending True-Up Amount				
2 Before Interest (C7+C9+C10)	20,072,665.06	5,668,779	14,403,886.06	254.09
3 Total of Beginning & Ending True-Up Amts.	39,764,648.68	14,346,101	25,418,547.68	177.18
4 Average True-Up Amount	19,882,324.34	7,173,051	12,709,273.34	177.18
Interest Rate				
5 1st Day of Reporting Business Month	0.34	0.34	0.0000	
Interest Rate				
6 1st Day of Subsequent Business Month	0.36	0.36	0.0000	
7 Total (D5+D6)	0.70	0.70	0.0000	
8 Annual Average Interest Rate	0.35	0.35	0.0000	
9 Monthly Average Interest Rate (D8/12)	0.0292	0.0292	0.0000	
10 Interest Provision (D4*D9)	5,805.64	2,095	3,710.64	177.12
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: MAY 2016**

	CURRENT MONTH				PERIOD - TO - DATE			
	DIFFERENCE				DIFFERENCE			
	ACTUAL	EST.	AMOUNT	%	ACTUAL	EST.	AMOUNT	%
<b>FUEL COST-NET GEN.(\$)</b>	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1 LIGHTER OIL (B.L.)	113,248	49,808	63,440	127.37	608,495	329,945	278,550	84.42
2 COAL	9,748,854	15,706,891	(5,958,037)	(37.93)	40,902,570	61,034,065	(20,131,495)	(32.98)
3 GAS	6,038,575	9,843,160	(3,804,585)	(38.65)	32,729,093	52,613,819	(19,884,726)	(37.79)
4 GAS (B.L.)	144,949	278,224	(133,275)	(47.90)	1,365,108	1,495,980	(130,872)	(8.75)
5 LANDFILL GAS	69,481	64,239	5,242	8.16	298,077	314,954	(16,877)	(5.36)
6 OIL - C.T.	16,243	0	16,243	100.00	37,592	0	37,592	100.00
7 TOTAL (\$)	<u>16,131,349</u>	<u>25,942,322</u>	<u>(9,810,973)</u>	<u>(37.82)</u>	<u>75,940,935</u>	<u>115,788,763</u>	<u>(39,847,828)</u>	<u>(34.41)</u>
<b>SYSTEM NET GEN. (MWH)</b>								
8 LIGHTER OIL	0	0	0	0.00	0	0	0	0.00
9 COAL	213,409	447,190	(233,781)	(52.28)	930,407	1,633,709	(703,302)	(43.05)
10 GAS	247,140	259,281	(12,141)	(4.68)	1,647,313	1,622,093	25,220	1.55
11 LANDFILL GAS	2,191	2,100	91	4.33	9,566	10,296	(730)	(7.09)
12 OIL - C.T.	29	0	29	100.00	163	0	163	100.00
13 TOTAL (MWH)	<u>462,769</u>	<u>708,571</u>	<u>(245,802)</u>	<u>(34.69)</u>	<u>2,587,449</u>	<u>3,266,098</u>	<u>(678,649)</u>	<u>(20.78)</u>
<b>UNITS OF FUEL BURNED</b>								
14 LIGHTER OIL (BBL)	1,791	567	1,224	215.87	9,546	3,704	5,842	157.72
15 COAL (TONS)	114,846	209,617	(94,771)	(45.21)	500,960	766,205	(265,245)	(34.62)
16 GAS (MCF) (1)	1,832,226	1,698,649	133,577	7.86	11,567,611	10,784,812	782,799	7.26
17 OIL - C.T. (BBL)	160	0	160	100.00	613	0	613	100.00
<b>BTU'S BURNED (MMBTU)</b>								
18 COAL + GAS B.L. + OIL B.L.	2,572,541	4,767,174	(2,194,633)	(46.04)	11,031,901	17,551,352	(6,519,451)	(37.15)
19 GAS - Generation (1)	1,837,499	1,722,622	114,877	6.67	11,744,083	10,920,508	823,575	7.54
20 OIL - C.T.	931	0	931	100.00	3,560	0	3,560	100.00
21 TOTAL (MMBTU)	<u>4,410,971</u>	<u>6,489,796</u>	<u>(2,078,825)</u>	<u>(32.03)</u>	<u>22,779,544</u>	<u>28,471,860</u>	<u>(5,692,316)</u>	<u>(19.99)</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	46.12	63.11	(16.99)	(26.92)	35.95	50.02	(14.07)	(28.13)
24 GAS	53.40	36.59	16.81	45.94	63.67	49.66	14.01	28.21
25 LANDFILL GAS	0.47	0.30	0.17	56.67	0.37	0.32	0.05	15.63
26 OIL - C.T.	0.01	0.00	0.01	100.00	0.01	0.00	0.01	100.00
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)	63.22	87.84	(24.62)	(28.03)	63.75	89.08	(25.33)	(28.44)
29 COAL (\$/TON)	84.89	74.93	9.96	13.29	81.65	79.66	1.99	2.50
30 GAS (\$/MCF) (1)	3.28	5.78	(2.50)	(43.25)	2.87	4.92	(2.05)	(41.67)
31 OIL - C.T. (\$/BBL)	101.52	0.00	101.52	100.00	61.32	0.00	61.32	100.00
<b>FUEL COST (\$)/ MMBTU</b>								
32 COAL + GAS B.L. + OIL B.L.	3.89	3.36	0.53	15.77	3.89	3.58	0.31	8.66
33 GAS - Generation (1)	3.19	5.54	(2.35)	(42.42)	2.71	4.72	(2.01)	(42.58)
34 OIL - C.T.	17.45	0.00	17.45	100.00	10.56	0.00	10.56	100.00
35 TOTAL (\$/MMBTU)	<u>3.60</u>	<u>3.94</u>	<u>(0.34)</u>	<u>(8.63)</u>	<u>3.28</u>	<u>4.02</u>	<u>(0.74)</u>	<u>(18.41)</u>
<b>BTU BURNED / KWH</b>								
36 COAL + GAS B.L. + OIL B.L.	12,055	10,660	1,395	13.09	11,857	10,743	1,114	10.37
37 GAS - Generation (1)	7,617	6,871	746	10.86	7,254	6,863	391	5.70
38 OIL - C.T.	32,103	0	32,103	100.00	21,839	0	21,839	100.00
39 TOTAL (BTU/KWH)	<u>9,701</u>	<u>9,299</u>	<u>402</u>	<u>4.32</u>	<u>8,935</u>	<u>8,829</u>	<u>106</u>	<u>1.20</u>
<b>FUEL COST (¢ / KWH)</b>								
40 COAL + GAS B.L. + OIL B.L.	4.69	3.59	1.10	30.64	4.61	3.85	0.76	19.74
41 GAS	2.44	3.80	(1.36)	(35.79)	1.99	3.24	(1.25)	(38.58)
42 LANDFILL GAS	3.17	3.06	0.11	3.59	3.12	3.06	0.06	1.96
43 OIL - C.T.	56.01	0.00	56.01	100.00	23.06	0.00	23.06	100.00
44 TOTAL (¢/KWH)	<u>3.49</u>	<u>3.66</u>	<u>(0.17)</u>	<u>(4.64)</u>	<u>2.93</u>	<u>3.55</u>	<u>(0.62)</u>	<u>(17.46)</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: MAY 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 (c/KWH)	(n) Fuel Cost/ Unit (\$/Unit)
1	Crist 4	75	556	1.0	88.2	20.8	0	Coal	0	0	0	0	0.00	0.00
2			0					Gas-G	11,383	1,019	11,599	48,688	0.00	4.28
3								Gas-S	1,763	1,019	1,797	7,542		4.28
4								Oil-S	0	138,500	0	0		0.00
5	Crist 5	75	(786)	0.0	88.2	0.0	0	Coal	0	0	0	0	0.00	0.00
6			0					Gas-G	0	1,019	0	0	0.00	0.00
7								Gas-S	0	1,019	0	0		0.00
8								Oil-S	0	138,500	0	0		0.00
9	Crist 6	299	40,019	18.0	83.7	47.4	9,249	Coal	16,003	11,565	370,149	1,422,492	3.55	88.89
10			0					Gas-G	122,819	1,019	125,153	525,336	0.00	0.00
11								Gas-S	12,927	1,019	13,173	55,294		4.28
12								Oil-S	934	138,500	5,440	62,346		66.75
13	Crist 7	475	154,824	43.8	85.3	51.4	11,212	Coal	75,167	11,547	1,735,907	6,681,527	4.32	88.89
14			0					Gas-G	0	1,019	0	0	0.00	0.00
15								Gas-S	19,198	1,019	19,562	82,113		4.28
16								Oil-S	325	138,500	1,888	21,642		66.59
17	Smith 1	162	(404)	0.0	0.0	0.0	0	Coal	0	0	0	0	0.00	0.00
18								Oil-S	0	138,500	0	0		0.00
19	Smith 2	195	(464)	0.0	0.0	0.0	0	Coal	0	0	0	0	0.00	0.00
20								Oil-S	0	138,500	0	0		0.00
21	Smith 3	558	230,570	55.5	68.4	98.8	7,376	Gas-G	1,664,136	1,022	1,700,747	5,282,259	2.29	3.17
22	Smith A (2)	36	29	0.1	99.3	75.5	32,103	Oil	160	138,500	931	16,243	56.01	101.52
23	Other Generation		5,902									182,292	3.09	0.00
24	Perdido		2,191					Landfill Gas				69,481	3.17	0.00
25	Daniel 1 (1)	255	2,371	1.2	100.0	18.3	18,071	Coal	2,250	9,522	42,847	156,696	6.61	69.64
26								Oil-S	153	138,500	888	8,398		54.89
27	Daniel 2 (1)	255	27,961	14.7	100.0	27.5	13,543	Coal	21,426	8,837	378,685	1,492,160	5.34	69.64
28								Oil-S	379	138,500	2,205	20,862		55.04
29	Total	2,385	462,769	26.1	71.9	46.0	9,701				4,410,971	16,135,371	3.49	

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	16,131,349	3.49

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

	CURRENT MONTH				PERIOD-TO-DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
<b><u>LIGHT OIL</u></b>								
1 PURCHASES :								
2 UNITS (BBL)	3,187	567	2,620	462.08	9,325	3,704	5,621	151.75
3 UNIT COST (\$/BBL)	78.59	87.12	(8.53)	(9.79)	60.23	87.33	(27.10)	(31.03)
4 AMOUNT (\$)	250,460	49,399	201,061	407.01	561,604	323,454	238,150	73.63
5 BURNED :								
6 UNITS (BBL)	1,791	567	1,224	215.87	9,771	3,704	6,067	163.80
7 UNIT COST (\$/BBL)	63.23	87.84	(24.61)	(28.02)	63.55	89.08	(25.53)	(28.66)
8 AMOUNT (\$)	113,248	49,808	63,440	127.37	620,988	329,945	291,043	88.21
9 ENDING INVENTORY :								
10 UNITS (BBL)	3,924	7,166	(3,242)	(45.24)	3,924	7,166	(3,242)	(45.24)
11 UNIT COST (\$/BBL)	83.13	96.61	(13.48)	(13.95)	83.13	96.61	(13.48)	(13.95)
12 AMOUNT (\$)	326,216	692,293	(366,077)	(52.88)	326,216	692,293	(366,077)	(52.88)
13 DAYS SUPPLY	N/A	N/A						
<b><u>COAL</u></b>								
14 PURCHASES :								
15 UNITS (TONS)	89,241	191,843	(102,602)	(53.48)	285,237	685,418	(400,181)	(58.38)
16 UNIT COST (\$/TON)	89.10	72.44	16.66	23.00	95.21	74.85	20.36	27.20
17 AMOUNT (\$)	7,951,279	13,896,197	(5,944,918)	(42.78)	27,156,449	51,301,299	(24,144,850)	(47.06)
18 BURNED :								
19 UNITS (TONS)	114,846	209,617	(94,771)	(45.21)	500,960	766,205	(265,245)	(34.62)
20 UNIT COST (\$/TON)	84.92	74.93	9.99	13.33	81.69	79.66	2.03	2.55
21 AMOUNT (\$)	9,752,875	15,706,891	(5,954,016)	(37.91)	40,922,677	61,034,065	(20,111,388)	(32.95)
22 ENDING INVENTORY :								
23 UNITS (TONS)	483,322	562,679	(79,357)	(14.10)	483,322	562,679	(79,357)	(14.10)
24 UNIT COST (\$/TON)	78.23	72.52	5.71	7.87	78.23	72.52	5.71	7.87
25 AMOUNT (\$)	37,810,728	40,805,794	(2,995,066)	(7.34)	37,810,728	40,805,794	(2,995,066)	(7.34)
26 DAYS SUPPLY	27	32	(5)	(15.63)				
<b><u>GAS</u></b> (Reported on a MMBTU and \$ basis)								
27 PURCHASES :								
28 UNITS (MMBTU)	2,054,318	1,732,622	321,696	18.57	11,993,657	11,000,508	993,149	9.03
29 UNIT COST (\$/MMBTU)	3.30	5.67	(2.37)	(41.80)	2.83	4.82	(1.99)	(41.29)
30 AMOUNT (\$)	6,785,464	9,821,278	(3,035,814)	(30.91)	33,968,583	53,027,990	(19,059,407)	(35.94)
31 BURNED :								
32 UNITS (MMBTU)	1,872,031	1,732,622	139,409	8.05	11,848,522	11,000,508	848,014	7.71
33 UNIT COST (\$/MMBTU)	3.21	5.67	(2.46)	(43.39)	2.80	4.82	(2.02)	(41.91)
34 AMOUNT (\$)	6,001,154	9,821,278	(3,820,124)	(38.90)	33,222,593	53,027,990	(19,805,397)	(37.35)
35 ENDING INVENTORY :								
36 UNITS (MMBTU)	813,570	0	813,570	100.00	813,570	0	813,570	100.00
37 UNIT COST (\$/MMBTU)	3.11	0.00	3.11	100.00	3.11	0.00	3.11	100.00
38 AMOUNT (\$)	2,526,786	0	2,526,786	100.00	2,526,786	0	2,526,786	100.00
<b><u>OTHER - C.T. OIL</u></b>								
39 PURCHASES :								
40 UNITS (BBL)	531	0	531	100.00	704	0	704	100.00
41 UNIT COST (\$/BBL)	60.92	0.00	60.92	100.00	71.70	0.00	72.00	100.00
42 AMOUNT (\$)	32,348	0	32,348	100.00	50,474	0	50,474	100.00
43 BURNED :								
44 UNITS (BBL)	160	0	160	100.00	613	0	613	100.00
45 UNIT COST (\$/BBL)	101.52	0.00	101.52	100.00	103.77	0.00	103.77	100.00
46 AMOUNT (\$)	16,243	0	16,243	100.00	63,614	0	63,614	100.00
47 ENDING INVENTORY :								
48 UNITS (BBL)	6,826	7,143	(317)	(4.44)	6,826	7,143	(317)	(4.44)
49 UNIT COST (\$/BBL)	101.48	107.40	(5.92)	(5.51)	101.48	107.40	(5.92)	(5.51)
50 AMOUNT (\$)	692,709	767,181	(74,472)	(9.71)	692,709	767,181	(74,472)	(9.71)
51 DAYS SUPPLY	3	3	0	0.00				

**POWER SOLD  
GULF POWER COMPANY  
FOR THE MONTH OF: MAY 2016**

**CURRENT MONTH**

(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)
					(a)	(b)		
SOLD TO	TYPE AND SCHEDULE	TOTAL KWH SOLD	WHEELED FROM OTHER SYSTEMS	KWH FROM OWN GENERATION	FUEL C / KWH COST	TOTAL COST	(5) x (6)(a) TOTAL \$ FOR FUEL ADJ.	(5) x (6)(b) TOTAL COST \$
<b>ESTIMATED</b>								
1	Southern Company Interchange	262,112,000	0	262,112,000	2.28	2.74	5,985,000	7,176,000
2	Various Economy Sales	9,457,000	0	9,457,000	2.31	2.84	218,000	269,000
3	Gain on Econ. Sales	0	0	0	0.00	0.00	39,000	39,000
4	<b>TOTAL ESTIMATED SALES</b>	<b>271,569,000</b>	<b>0</b>	<b>271,569,000</b>	<b>2.30</b>	<b>2.76</b>	<b>6,242,000</b>	<b>7,484,000</b>
<b>ACTUAL</b>								
5	Southern Company Interchange	118,119,098	0	118,119,098	2.03	2.27	2,394,076	2,679,047
6	A.E.C. External	53,317	0	53,317	2.30	2.99	1,227	1,594
7	AECI External	0	0	0	0.00	0.00	0	0
9	CARGILE External	122,600	0	122,600	1.77	2.20	2,171	2,692
10	DUKE PWR External	0	0	0	0.00	0.00	0	0
11	EAGLE EN External	158,794	0	158,794	1.71	2.48	2,711	3,932
12	ENDURE External	22,456	0	22,456	2.39	3.57	536	802
14	EXELON External	5,133	0	5,133	2.25	3.31	115	170
15	FPC External	13,024	0	13,024	2.28	3.07	297	399
16	FPL External	22,135	0	22,135	1.92	2.60	424	575
18	MERCURIA External	0	0	0	0.00	0.00	0	0
19	MISO External	1,103,514	0	1,103,514	1.35	1.84	14,856	20,317
20	MORGAN External	305,971	0	305,971	1.63	2.36	4,978	7,207
21	NCEMC External	0	0	0	0.00	0.00	(4)	0
23	NOBLEAGP External	0	0	0	0.00	0.00	0	0
24	OPC External	39,137	0	39,137	2.50	3.49	979	1,364
25	ORLANDO External	215,898	0	215,898	1.99	3.30	4,305	7,123
26	PJM External	1,182,829	0	1,182,829	1.49	2.15	17,571	25,404
27	SCE&G External	992,021	0	992,021	1.99	2.44	19,703	24,212
28	SEC External	146,220	0	146,220	2.20	3.22	3,216	4,707
29	SEPA External	26,497	0	26,497	2.55	3.52	675	934
30	TAL External	44,592	0	44,592	1.78	2.39	793	1,068
31	TEA External	1,336,938	0	1,336,938	1.66	2.36	22,254	31,501
32	TECO External	12,382	0	12,382	1.77	2.14	219	266
33	TENASKA External	642	0	642	1.83	2.50	12	16
34	TVA External	307,581	0	307,581	2.15	3.35	6,602	10,316
35	WRI External	48,310	0	48,310	1.84	2.49	888	1,205
36	Less: Flow-Thru Energy	(5,167,970)	0	(5,167,970)	1.64	1.64	(84,742)	(84,742)
37	SEPA	982,000	982,000	0	0.00	0.00	0	0
38	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	2,243	2,243
39	Other transactions including adj.	264,083,386	119,038,413	145,044,973	0.00	0.00	0	0
40	<b>TOTAL ACTUAL SALES</b>	<b>384,176,505</b>	<b>120,020,413</b>	<b>264,156,092</b>	<b>0.63</b>	<b>0.71</b>	<b>2,416,103</b>	<b>2,740,107</b>
41	Difference in Amount	112,607,505	120,020,413	(7,412,908)	(1.67)	(2.05)	(3,825,897)	(4,743,893)
42	Difference in Percent	41.47	0.00	(2.73)	(72.61)	(74.28)	(61.29)	(63.39)

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 38

**POWER SOLD  
GULF POWER COMPANY  
FOR THE MONTH OF: MAY 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	c / KWH		TOTAL \$ FOR FUEL ADJ.	TOTAL COST \$
					(a)	(b)		
					FUEL COST	TOTAL COST		
<b>ESTIMATED</b>								
1	Southern Company Interchange	1,604,839,000	0	1,604,839,000	2.36	2.72	37,936,000	43,716,000
2	Various Economy Sales	48,802,000	0	48,802,000	2.23	2.70	1,088,000	1,318,000
3	Gain on Econ. Sales	0	0	0	0.00	0.00	166,000	166,000
4	<b>TOTAL ESTIMATED SALES</b>	<b>1,653,641,000</b>	<b>0</b>	<b>1,653,641,000</b>	<b>2.37</b>	<b>2.73</b>	<b>39,190,000</b>	<b>45,200,000</b>
<b>ACTUAL</b>								
5	Southern Company Interchange	1,155,561,422	0	1,155,561,422	2.12	2.40	24,455,272	27,783,976
6	A.E.C. External	813,931	0	813,931	1.92	2.71	15,660	22,044
7	AECI External	0	0	0	0.00	0.00	2	0
9	CARGILE External	1,281,956	0	1,281,956	2.21	2.68	28,384	34,348
10	DUKE PWR External	92,069	0	92,069	1.42	2.20	1,310	2,027
11	EAGLE EN External	1,337,972	0	1,337,972	1.79	2.62	23,965	35,052
12	ENDURE External	22,456	0	22,456	2.39	3.57	536	802
14	EXELON External	586,476	0	586,476	4.32	2.70	25,334	15,816
15	FPC External	113,370	0	113,370	2.04	3.44	2,308	3,905
16	FPL External	732,129	0	732,129	1.89	3.12	13,839	22,840
18	MERCURIA External	4,491	0	4,491	32.67	3.20	1,467	144
19	MISO External	9,212,126	0	9,212,126	1.35	1.94	124,324	178,866
20	MORGAN External	3,394,090	0	3,394,090	1.61	2.44	54,587	82,828
21	NCEMC External	366,972	0	366,972	2.18	2.47	8,007	9,079
23	NOBLEAGP External	0	0	0	0.00	0.00	3,880	0
24	OPC External	276,208	0	276,208	1.68	2.43	4,631	6,713
25	ORLANDO External	1,102,622	0	1,102,622	2.13	2.94	23,461	32,448
26	PJM External	8,557,315	0	8,557,315	1.52	2.58	130,179	220,960
27	SCE&G External	4,537,701	0	4,537,701	2.02	2.49	91,546	113,028
28	SEC External	477,089	0	477,089	2.20	3.14	10,499	14,995
29	SEPA External	431,211	0	431,211	2.64	3.70	11,378	15,939
30	TAL External	79,239	0	79,239	1.63	2.50	1,291	1,984
31	TEA External	6,258,416	0	6,258,416	1.82	2.47	113,794	154,739
32	TECO External	61,334	0	61,334	1.84	2.44	1,129	1,496
33	TENASKA External	1,861	0	1,861	1.91	2.76	36	51
34	TVA External	1,545,655	0	1,545,655	1.84	2.89	28,498	44,732
35	WRI External	1,942,370	0	1,942,370	2.66	2.12	51,747	41,233
36	Less: Flow-Thru Energy	(38,800,035)	0	(38,800,035)	1.63	1.63	(634,257)	(634,257)
37	SEPA	9,656,000	9,656,000	0	0.00	0.00	0	0
38	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	139,357	139,357
39	Other transactions including adj.	<u>1,288,134,443</u>	<u>605,371,705</u>	<u>682,762,738</u>	0.00	0.00	0	0
40	<b>TOTAL ACTUAL SALES</b>	<b>2,457,780,889</b>	<b>615,027,705</b>	<b>1,842,753,184</b>	<b>1.01</b>	<b>1.15</b>	<b>24,732,165</b>	<b>28,205,786</b>
41	Difference in Amount	804,139,889	615,027,705	189,112,184	(1.36)	(1.58)	(14,457,835)	(16,994,214)
42	Difference in Percent	48.63	0.00	11.44	(57.38)	(57.88)	(36.89)	(37.60)

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 38

SCHEDULE A-7

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)
						¢ / KWH		
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: MAY 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	c/KWH		TOTAL \$ FOR FUEL ADJ.	
						(A) FUEL COST	(B) TOTAL COST		
<i>ESTIMATED</i>									
1		13,615,000	0	0	0	2.92	2.92	398,000	
<i>ACTUAL</i>									
2	Bay County/Engen, LLC	Contract	5,279,000	0	0	0	3.52	3.52	185,752
3	Renewable Energy Customers	COG 1	0	0	0	0	0.00	0.00	0
4	Ascend Performance Materials	COG 1	16,109,000	0	0	0	2.05	2.05	330,916
5	International Paper	COG 1	17,000	0	0	0	2.09	2.09	355
6	TOTAL		21,405,000	0	0	0	2.42	2.42	517,023
7	Difference in Amount		7,790,000				(0.50)	(0.50)	119,023
8	Difference in Percent		57.22				(17.12)	(17.12)	29.91

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	c/KWH		TOTAL \$ FOR FUEL ADJ.	
						(A) FUEL COST	(B) TOTAL COST		
<i>ESTIMATED</i>									
1		92,748,000	0	0	0	2.68	2.68	2,490,000	
<i>ACTUAL</i>									
2	Bay County/Engen, LLC	Contract	22,103,000	0	0	0	3.52	3.52	777,658
3	Renewable Energy Customers	COG 1	0	0	0	0	0.00	0.00	50
4	Ascend Performance Materials	COG 1	68,992,000	0	0	0	2.16	2.16	1,491,911
5	International Paper	COG 1	87,000	0	0	0	1.79	1.79	1,556
6	TOTAL		91,182,000	0	0	0	2.49	2.49	2,271,175
7	Difference in Amount		(1,566,000)				(0.19)	(0.19)	(218,825)
8	Difference in Percent		(1.69)				(7.09)	(7.09)	(8.79)

SCHEDULE A-9

ECONOMY ENERGY PURCHASES  
INCLUDING LONG TERM PURCHASES  
GULF POWER COMPANY  
FOR THE MONTH OF: MAY 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.
<i><u>ESTIMATED</u></i>							
1	Southern Company Interchange	24,544,000	2.48	608,000	343,829,000	2.50	8,595,000
2	Economy Energy	3,457,000	2.66	92,000	13,976,000	2.80	392,000
3	Other Purchases	553,923,000	3.19	17,692,000	2,372,787,000	3.33	78,916,000
4	TOTAL ESTIMATED PURCHASES	<u>581,924,000</u>	3.16	<u>18,392,000</u>	<u>2,730,592,000</u>	3.22	<u>87,903,000</u>
<i><u>ACTUAL</u></i>							
5	Southern Company Interchange	143,772,880	1.98	2,849,683	533,733,520	2.13	11,381,956
6	Non-Associated Companies	108,827,034	0.32	352,988	324,405,387	0.34	1,087,185
7	Alabama Electric Co-op	0	0.00	0	0	0.00	0
8	Purchased Power & Renewable Agreement Energy	496,449,000	2.20	10,899,108	2,390,224,000	2.20	52,470,223
9	Other Wheeled Energy	166,106,000	0.00	N/A	791,811,000	0.00	N/A
10	Other Transactions	7,466,811	0.11	7,984	236,694,517	0.03	65,486
11	Less: Flow-Thru Energy	(5,167,970)	1.90	(97,952)	(38,800,035)	1.85	(719,564)
12	TOTAL ACTUAL PURCHASES	<u>917,453,755</u>	1.53	<u>14,011,811</u>	<u>4,238,068,389</u>	1.52	<u>64,285,287</u>
13	Difference in Amount	335,529,755	(1.63)	(4,380,189)	1,507,476,389	(1.70)	(23,617,713)
14	Difference in Percent	57.66	(51.58)	(23.82)	55.21	(52.80)	(26.87)

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**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									(3,261)
2 Power Purchase Agreements & Other Confidential Agreements					7,372,084	7,372,046	7,372,277	7,371,610	7,421,610									36,909,627
Total					7,355,068	7,373,491	7,348,530	7,402,799	7,426,478	0	0	0	0	0	0	0	0	36,906,366

**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							
2 Power Purchase Agreements & Other Confidential Agreements				Varies	Varies	Varies	Varies	Varies							

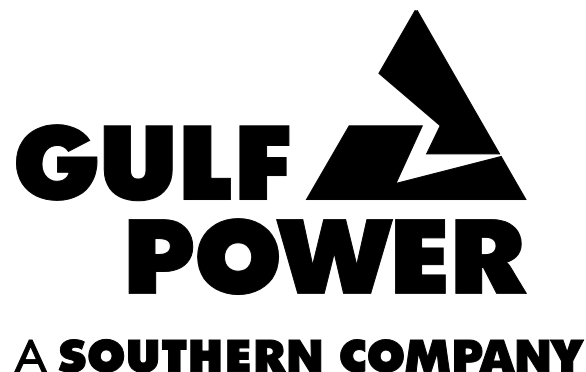
(1) Southern Intercompany Interchange reserve sharing charge includes prior month true up  
 (2) Southern Intercompany Interchange reserve sharing prior month true up only

**BEFORE THE FLORIDA PUBLIC  
SERVICE COMMISSION**

**Docket No. 160001-EI**

**Revised  
Schedule A-2**

**April 2016**



CALCULATION OF TRUE-UP AND INTEREST PROVISION  
GULF POWER COMPANY  
FOR THE MONTH OF: APRIL 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	15,179,780.44	21,310,790	(6,131,009.56)	(28.77)	59,120,659.24	89,064,738	(29,944,078.76)	(33.62)
1a Other Generation	175,594.52	193,815	(18,220.48)	(9.40)	688,927.38	781,703	(92,775.62)	(11.87)
2 Fuel Cost of Power Sold	(3,381,847.31)	(3,111,000)	(270,847.31)	(8.71)	(22,316,061.57)	(32,948,000)	10,631,938.43	32.27
3 Fuel Cost - Purchased Power	10,180,007.70	11,976,000	(1,795,992.30)	(15.00)	50,273,475.55	69,511,000	(19,237,524.45)	(27.68)
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	456,594.55	386,000	70,594.55	18.29	1,754,151.91	2,092,000	(337,848.09)	(16.15)
4 Energy Cost - Economy Purchases	0.00	0	0.00	0.00	0.00	0	0.00	0.00
5 Hedging Settlement Cost	5,239,140.00	0	5,239,140.00	100.00	23,223,345.00	0	23,223,345.00	100.00
6 Total Fuel & Net Power Transactions	27,849,269.90	30,755,605	(2,906,335.10)	(9.45)	112,744,497.51	128,501,441	(15,756,943.49)	(12.26)
7 Adjustments To Fuel Cost*	2.78	0	2.78	100.00	18.92	0	18.92	100.00
8 Adj. Total Fuel & Net Power Transactions	27,849,272.68	30,755,605	(2,906,332.32)	(9.45)	112,744,516.43	128,501,441	(15,756,924.57)	(12.26)
<b>B. KWH Sales</b>								
1 Jurisdictional Sales	752,614,350	761,779,000	(9,164,650)	(1.20)	3,165,688,820	3,152,278,000	13,410,820	0.43
2 Non-Jurisdictional Sales	21,366,561	22,636,000	(1,269,439)	(5.61)	94,140,090	98,456,000	(4,315,910)	(4.38)
3 Total Territorial Sales	773,980,911	784,415,000	(10,434,089)	(1.33)	3,259,828,910	3,250,734,000	9,094,910	0.28
4 Juris. Sales as % of Total Terr. Sales	97.2394	97.1143	0.1251	0.13	97.1121	96.9713	0.1408	0.15

\*\*Note: Revised for Revenue Tax exclusion

\*(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 2016

	CURRENT MONTH				PERIOD - TO - DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT (\$)	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT (\$)	%
<b>C. True-up Calculation</b>								
1 Jurisdictional Fuel Revenue	26,701,931.64	27,782,645	(1,080,713.02)	(3.89)	112,224,728.34	114,965,915	(2,741,186.37)	(2.38)
2 Fuel Adj. Revs. Not Applicable to Period:								
2a True-Up Provision	1,614,174.00	1,614,174	0.00	0.00	6,456,695.00	6,456,695	0.00	0.00
2b Incentive Provision	(220,534.00)	(220,534)	0.00	0.00	(882,135.00)	(882,135)	0.00	0.00
3 Juris. Fuel Revenue Applicable to Period	28,095,571.64	29,176,285	(1,080,713.36)	(3.70)	117,799,288.34	120,540,475	(2,741,186.66)	(2.27)
Adjusted Total Fuel & Net Power								
4 Transactions (Line A8)	27,849,272.68	30,755,605	(2,906,332.32)	(9.45)	112,744,515.66	128,501,441	(15,756,925.34)	(12.26)
5 Juris. Sales % of Total KWH Sales (Line B4)	97.2394	97	0.1251	0.13	97.11	96.9713	0.1408	0.15
Juris. Total Fuel & Net Power Transactions								
6 Adj. for Line Losses (C4*C5*1.0015)	27,121,086.36	29,912,893	(2,791,806.64)	(9.33)	109,645,102.04	124,794,795	(15,149,692.96)	(12.14)
True-Up Provision for the Month								
7 Over/(Under) Collection (C3-C6)	974,485.28	(736,608)	1,711,093.28	232.29	8,154,186.30	(4,254,319)	12,408,505.30	291.67
8 Interest Provision for the Month	6,501.73	3,201	3,300.73	(103.12)	24,274.94	18,249	6,025.94	(33.02)
9 Beginning True-Up & Interest Provision	20,325,170.61	11,024,903	9,300,267.61	(84.36)	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	(6,456,695.00)	(6,456,695)	0.00	0.00
End of Period - Total Net True-Up, Before								
11 Adjustment (C7+C8+C9+C10)	19,691,983.62	8,677,322	11,014,661.62	(126.94)	19,767,787.31	8,677,322	11,090,465.31	(127.81)
12 Adjustment			0.00	0.00	(75,803.69)	0	(75,803.69)	100.00
13 End of Period - Total Net True-Up	19,691,983.62	8,677,322	11,014,661.62	(126.94)	19,691,983.62	8,677,322	11,014,661.62	(126.94)

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

	CURRENT MONTH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT (\$)	%
<b>D. Interest Provision</b>				
1 Beginning True-Up Amount (C9)	20,325,170.61	11,024,903	9,300,267.61	84.36
Ending True-Up Amount				
2 Before Interest (C7+C9+C10)	19,685,481.89	8,674,121	11,011,360.89	126.94
3 Total of Beginning & Ending True-Up Amts.	40,010,652.50	19,699,024	20,311,628.50	103.11
4 Average True-Up Amount	20,005,326.25	9,849,512	10,155,814.25	103.11
Interest Rate				
5 1st Day of Reporting Business Month	0.44	0.44	0.0000	
Interest Rate				
6 1st Day of Subsequent Business Month	0.34	0.34	0.0000	
7 Total (D5+D6)	0.78	0.78	0.0000	
8 Annual Average Interest Rate	0.39	0.39	0.0000	
9 Monthly Average Interest Rate (D8/12)	0.0325	0.0325	0.0000	
10 Interest Provision (D4*D9)	6,501.73	3,201	3,300.73	103.12
Jurisdictional Loss Multiplier (From Schedule A-1)	1.0015	1.0015		

<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.
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 20th day of June, 2016 to the following:

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Florida Division of Chesapeake  
Utilities Corp  
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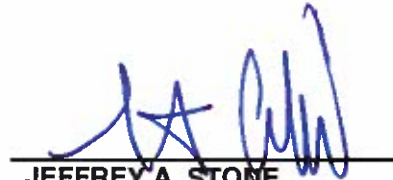


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