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September 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 following for the month of August 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

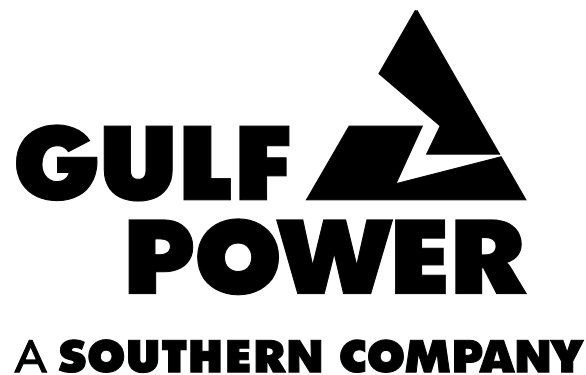
cc w/attachment: Florida Public Service Commission
Michael C. Barrett
Division of Auditing and Safety
Lynn Deamer

**BEFORE THE FLORIDA PUBLIC
SERVICE COMMISSION**

Docket No. 160001-EI

Monthly Fuel Filing

August 2016



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

	<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>
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1 Fuel Cost of System Net Generation (A3)	29,578,990	27,114,094	2,464,896	9.09	863,894,000	888,816,000	(24,922,000)	(2.80)	3.4239	3.0506	0.37	12.24
2 Hedging Settlement Costs (A2)	3,888,982	4,055,860	(166,878)	(4.11)	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) **	4	0	4	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
5 TOTAL COST OF GENERATED POWER	33,467,976	31,169,954	2,298,022	7.37	863,894,000	888,816,000	(24,922,000)	(2.80)	3.8741	3.5069	0.37	10.47
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)	19,055,461	15,910,000	3,145,461	19.77	890,394,042	661,059,000	229,335,042	34.69	2.1401	2.4067	(0.27)	(11.08)
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)	455,817	346,000	109,817	31.74	14,932,000	11,828,000	3,104,000	26.24	3.0526	2.9253	0.13	4.35
12 TOTAL COST OF PURCHASED POWER	19,511,278	16,256,000	3,255,278	20.03	905,326,042	672,887,000	232,439,042	34.54	2.1552	2.4159	(0.26)	(10.79)
13 Total Available MWH (Line 5 + Line 12)	52,979,254	47,425,954	5,553,300	11.71	1,769,220,042	1,561,703,000	207,517,042	13.29				
14 Fuel Cost of Economy Sales (A6)	(330,754)	(207,000)	(123,754)	59.78	(12,105,029)	(8,802,000)	(3,303,029)	37.53	(2.7324)	(2.3517)	(0.38)	(16.19)
15 Gain on Economy Sales (A6)	(58,614)	(77,000)	18,386	(23.88)	0	0	0	0.00	#N/A	#N/A	#N/A	#N/A
16 Fuel Cost of Other Power Sales (A6)	(7,803,923)	(6,775,000)	(1,028,923)	15.19	(489,280,763)	(286,833,000)	(202,447,763)	70.58	(1.5950)	(2.3620)	0.77	32.47
TOTAL FUEL COSTS & GAINS OF POWER SALES (LINES 14 + 15 + 16)	(8,193,291)	(7,059,000)	(1,134,291)	16.07	(501,385,792)	(295,635,000)	(205,750,792)	69.60	(1.6341)	(2.3877)	0.75	31.56
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)	44,785,963	40,366,954	4,419,009	10.95	1,267,834,250	1,266,068,000	1,766,250	0.14	3.5325	3.1884	0.34	10.79
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 *	46,438	59,177	(12,739)	(21.53)	1,314,584	1,856,000	(541,416)	(29.17)	3.5325	3.1884	0.34	10.79
22 T & D Losses *	2,356,485	2,028,938	327,547	16.14	66,708,713	63,635,000	3,073,713	4.83	3.5325	3.1884	0.34	10.79
23 TERRITORIAL KWH SALES	44,785,964	40,366,954	4,419,009	10.95	1,199,810,953	1,200,577,000	(766,047)	(0.06)	3.7328	3.3623	0.37	11.02
24 Wholesale KWH Sales	1,217,552	1,130,638	86,914	7.69	32,617,545	33,627,000	(1,009,455)	(3.00)	3.7328	3.3623	0.37	11.02
25 Jurisdictional KWH Sales	43,568,412	39,236,316	4,332,096	11.04	1,167,193,408	1,166,950,000	243,408	0.02	3.7328	3.3623	0.37	11.02
26 Jurisdictional Loss Multiplier	1.0015	1.0015							1.0015	1.0015		
27 Jurisdictional KWH Sales Adj. for Line Losses	43,633,765	39,295,170	4,338,595	11.04	1,167,193,408	1,166,950,000	243,408	0.02	3.7383	3.3673	0.37	11.02
28 TRUE-UP (1,614,174)	(1,614,174)	(1,614,174)	0	0.00	1,167,193,408	1,166,950,000	243,408	0.02	(0.1383)	(0.1383)	0.00	0.00
29 TOTAL JURISDICTIONAL FUEL COST	42,019,591	37,680,996	4,338,595	11.51	1,167,193,408	1,166,950,000	243,408	0.02	3.6000	3.2290	0.37	11.49
30 Revenue Tax Factor									1.00072	1.00072		
31 Fuel Factor Adjusted for Revenue Taxes									3.6026	3.2313	0.37	11.49
32 GPIF Reward / (Penalty)	220,693	220,693	0	0.00	1,167,193,408	1,166,950,000	243,408	0.02	0.0189	0.0189	0.00	0.00
33 Fuel Factor Adjusted for GPIF Reward / (Penalty)									3.6215	3.2502	0.37	11.42
34 FUEL FACTOR ROUNDED TO NEAREST .001(CENTS/KWH)									3.622	3.250		

* 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: AUGUST 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	\$ 29,578,990
2	Fuel Related Transactions		0
3	Adjustments to Fuel Cost	Schedule A-2, Line A-7	4
4	Hedging Settlement Costs	Schedule A-2, Line A-5	3,888,982
5	Fuel Cost of Purchased Power	Schedule A-7	0
6	Energy Cost of Economy Purchases	Sch. A-9, Col. 4, Line 12	19,055,461
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	455,817
9	Fuel Cost of Power Sold	Sch. A-6, Col. 7, Total Line	<u>(8,193,291)</u>
10	Total Fuel and Net Power Transactions		<u>\$ 44,785,963</u>

**COMPARISON OF ESTIMATED AND ACTUAL
FUEL AND PURCHASED POWER COST RECOVERY FACTOR
GULF POWER COMPANY
AUGUST 2016
PERIOD TO DATE**

	<u>DOLLARS</u>				<u>KWH</u>				<u>CENTS/KWH</u>			
	<u>ACTUAL</u>	<u>EST'd</u>	<u>DIFFERENCE</u>	<u>%</u>	<u>ACTUAL</u>	<u>EST'd</u>	<u>DIFFERENCE</u>	<u>%</u>	<u>ACTUAL</u>	<u>EST'd</u>	<u>DIFFERENCE</u>	<u>%</u>
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1 Fuel Cost of System Net Generation (A3)	170,031,550	203,189,723	(33,158,173)	(16.32)	5,280,960,000	5,989,618,000	(708,658,000)	(11.83)	3.2197	3.3924	(0.17)	(5.09)
2 Hedging Settlement Costs (A2)	41,394,678	8,039,040	33,355,638	414.92	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) **	51	0	51	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
5 TOTAL COST OF GENERATED POWER	211,426,279	211,228,763	197,516	0.09	5,280,960,000	5,989,618,000	(708,658,000)	(11.83)	4.0036	3.5266	0.48	13.53
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)	117,628,248	138,057,000	(20,428,752)	(14.80)	6,902,387,513	4,621,655,000	2,280,732,513	49.35	1.7042	2.9872	(1.28)	(42.95)
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)	3,864,816	3,568,000	296,816	8.32	144,841,000	129,580,000	15,261,000	11.78	2.6683	2.7535	(0.09)	(3.09)
12 TOTAL COST OF PURCHASED POWER	121,493,064	141,625,000	(20,131,936)	(14.21)	7,047,228,513	4,751,235,000	2,295,993,513	48.32	1.7240	2.9808	(1.26)	(42.16)
13 Total Available MWH (Line 5 + Line 12)	332,919,343	352,853,763	(19,934,420)	(5.65)	12,328,188,513	10,740,853,000	1,587,335,513	14.78				
14 Fuel Cost of Economy Sales (A6)	(1,721,231)	(1,742,000)	20,769	(1.19)	(77,396,437)	(76,074,000)	(1,322,437)	1.74	(2.2239)	(2.2899)	0.07	2.88
15 Gain on Economy Sales (A6)	(317,556)	(390,000)	72,444	(18.58)	0	0	0	0.00	#N/A	#N/A	#N/A	#N/A
16 Fuel Cost of Other Power Sales (A6)	(46,992,501)	(59,218,000)	12,225,499	(20.64)	(3,984,899,826)	(2,490,887,000)	(1,494,012,826)	59.98	(1.1793)	(2.3774)	1.20	50.40
TOTAL FUEL COSTS & GAINS OF POWER SALES (LINES 14 + 15 + 16)	(49,031,288)	(61,350,000)	12,318,712	(20.08)	(4,062,296,263)	(2,566,961,000)	(1,495,335,263)	58.25	(1.2070)	(2.3900)	1.18	49.50
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)	283,888,055	291,503,763	(7,615,708)	(2.61)	8,265,892,250	8,173,892,000	92,000,250	1.13	3.4345	3.5663	(0.13)	(3.70)
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 *	351,370	496,465	(145,095)	(29.23)	10,230,591	13,921,000	(3,690,409)	(26.51)	3.4345	3.5663	(0.13)	(3.70)
22 T & D Losses *	13,986,420	14,108,318	(121,898)	(0.86)	407,233,081	395,601,000	11,632,081	2.94	3.4345	3.5663	(0.13)	(3.70)
23 TERRITORIAL KWH SALES	283,888,055	291,503,763	(7,615,708)	(2.61)	7,848,428,578	7,764,370,000	84,058,578	1.08	3.6171	3.7544	(0.14)	(3.66)
24 Wholesale KWH Sales	7,792,760	8,438,241	(645,481)	(7.65)	215,578,071	224,274,000	(8,695,929)	(3.88)	3.6148	3.7625	(0.15)	(3.93)
25 Jurisdictional KWH Sales	276,095,295	283,065,522	(6,970,227)	(2.46)	7,632,850,507	7,540,096,000	92,754,507	1.23	3.6172	3.7541	(0.14)	(3.65)
26 Jurisdictional Loss Multiplier	1.0015	1.0015							1.0015	1.0015		
27 Jurisdictional KWH Sales Adj. for Line Losses	276,509,439	283,490,119	(6,980,680)	(2.46)	7,632,850,507	7,540,096,000	92,754,507	1.23	3.6226	3.7598	(0.14)	(3.65)
28 TRUE-UP	(12,913,391)	(12,913,391)	0	0.00	7,632,850,507	7,540,096,000	92,754,507	1.23	(0.1692)	(0.1713)	0.00	(1.23)
29 TOTAL JURISDICTIONAL FUEL COST	263,596,048	270,576,728	(6,980,680)	(2.58)	7,632,850,507	7,540,096,000	92,754,507	1.23	3.4534	3.5885	(0.14)	(3.76)
30 Revenue Tax Factor									1.00072	1.00072		
31 Fuel Factor Adjusted for Revenue Taxes									3.4559	3.5911	(0.14)	(3.76)
32 GPIF Reward / (Penalty)	1,765,540	1,765,540	0	0.00	7,632,850,507	7,540,096,000	92,754,507	1.23	0.0231	0.0234	(0.00)	(1.28)
33 Fuel Factor Adjusted for GPIF Reward / (Penalty)									3.4790	3.6145	(0.14)	(3.75)
34 FUEL FACTOR ROUNDED TO NEAREST .001(CENTS/KWH)									3.479	3.615		

* 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: AUGUST 2016**

	CURRENT MONTH				PERIOD - TO - DATE			
	ACTUAL	ESTIMATED	AMOUNT (\$)	%	ACTUAL	ESTIMATED	AMOUNT (\$)	%
A. Fuel Cost & Net Power Transactions								
1 Fuel Cost of System Net Generation	29,397,104.86	26,849,391	2,547,713.86	9.49	168,594,352.70	201,288,065	(32,693,712.30)	(16.24)
1a Other Generation	181,885.10	264,703	(82,817.90)	(31.29)	1,437,197.61	1,901,658	(464,460.39)	(24.42)
2 Fuel Cost of Power Sold	(8,193,290.96)	(7,059,000)	(1,134,290.96)	(16.07)	(49,031,288.01)	(61,350,000)	12,318,711.99	20.08
3 Fuel Cost - Purchased Power	19,055,461.67	15,910,000	3,145,461.67	19.77	117,628,248.61	138,057,000	(20,428,751.39)	(14.80)
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	455,817.35	346,000	109,817.35	31.74	3,864,816.17	3,568,000	296,816.17	8.32
4 Energy Cost - Economy Purchases	0.00	0	0.00	0.00	0.00	0	0.00	0.00
5 Hedging Settlement Cost	3,888,982.00	4,055,860	(166,878.00)	(4.11)	41,394,678.00	8,039,040	33,355,638.00	414.92
6 Total Fuel & Net Power Transactions	44,785,960.02	40,366,954	4,419,006.02	10.95	283,888,005.08	291,503,763	(7,615,757.92)	(2.61)
7 Adjustments To Fuel Cost*	3.58	0	3.58	100.00	50.01	0	50.01	100.00
8 Adj. Total Fuel & Net Power Transactions	44,785,963.60	40,366,954	4,419,009.60	10.95	283,888,055.09	291,503,763	(7,615,707.91)	(2.61)
B. KWH Sales								
1 Jurisdictional Sales	1,167,193,408	1,166,950,000	243,408	0.02	7,632,850,507	7,540,096,000	92,754,507	1.23
2 Non-Jurisdictional Sales	32,617,545	33,627,000	(1,009,455)	(3.00)	215,578,071	224,274,000	(8,695,929)	(3.88)
3 Total Territorial Sales	1,199,810,953	1,200,577,000	(766,047)	(0.06)	7,848,428,578	7,764,370,000	84,058,578	1.08
4 Juris. Sales as % of Total Terr. Sales	97.2814	97.1991	0.0823	0.08	97.2532	97.1115	0.1417	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: AUGUST 2016**

	CURRENT MONTH				PERIOD - TO - DATE			
	ACTUAL	\$ ESTIMATED	DIFFERENCE AMOUNT (\$)	%	ACTUAL	\$ ESTIMATED	DIFFERENCE AMOUNT (\$)	%
<i>C. True-up Calculation</i>								
1 Jurisdictional Fuel Revenue	44,292,319.19	42,559,531	1,732,787.90	4.07	279,224,764.86	274,992,889	4,231,875.74	1.54
2 Fuel Adj. Revs. Not Applicable to Period:								
2a True-Up Provision	1,614,174.00	1,614,174	0.00	0.00	12,913,391.00	12,913,391	0.00	0.00
2b Incentive Provision	(220,534.00)	(220,534)	0.00	0.00	(1,764,271.00)	(1,764,271)	0.00	0.00
3 Juris. Fuel Revenue Applicable to Period	45,685,959.19	43,953,171	1,732,788.19	3.94	290,373,884.86	286,142,009	4,231,875.86	1.48
Adjusted Total Fuel & Net Power								
4 Transactions (Line A8)	44,785,963.60	40,366,954	4,419,009.60	10.95	283,888,054.32	291,503,763	(7,615,708.68)	(2.61)
5 Juris. Sales % of Total KWH Sales (Line B4)	97.2814	97.1991	0.0823	0.08	97.2532	97.1115	0.1417	0.15
Juris. Total Fuel & Net Power Transactions								
6 Adj. for Line Losses (C4*C5*1.0015)	43,633,765.01	39,295,170	4,338,595.01	11.04	276,509,438.79	283,490,119	(6,980,680.21)	(2.46)
True-Up Provision for the Month								
7 Over/(Under) Collection (C3-C6)	2,052,194.18	4,658,001	(2,605,806.82)	55.94	13,864,446.07	2,651,891	11,212,555.07	(422.81)
8 Interest Provision for the Month	6,560.56	2,664	3,896.56	(146.27)	48,742.10	25,998	22,744.10	(87.48)
9 Beginning True-Up & Interest Provision	18,525,433.81	6,088,094	12,437,339.81	(204.29)	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	(12,913,391.00)	(12,913,391)	0.00	0.00
End of Period - Total Net True-Up, Before								
11 Adjustment (C7+C8+C9+C10)	18,970,014.55	9,134,585	9,835,429.55	(107.67)	19,045,818.24	9,134,585	9,911,233.24	(108.50)
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	18,970,014.55	9,134,585	9,835,429.55	(107.67)	18,970,014.55	9,134,585	9,835,429.55	(107.67)

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

	CURRENT MONTH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT (\$)	%
D. <i>Interest Provision</i>				
1 Beginning True-Up Amount (C9)	18,525,433.81	6,088,094	12,437,339.81	204.29
Ending True-Up Amount				
2 Before Interest (C7+C9+C10)	18,963,453.99	9,131,921	9,831,532.99	107.66
3 Total of Beginning & Ending True-Up Amts.	37,488,887.80	15,220,015	22,268,872.80	146.31
4 Average True-Up Amount	18,744,443.90	7,610,008	11,134,435.90	146.31
Interest Rate				
5 1st Day of Reporting Business Month	0.43	0.43	0.0000	
Interest Rate				
6 1st Day of Subsequent Business Month	0.41	0.41	0.0000	
7 Total (D5+D6)	0.84	0.84	0.0000	
8 Annual Average Interest Rate	0.42	0.42	0.0000	
9 Monthly Average Interest Rate (D8/12)	0.0350	0.0350	0.0000	
10 Interest Provision (D4*D9)	6,560.56	2,664	3,896.56	146.27
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: AUGUST 2016**

	CURRENT MONTH				PERIOD - TO - DATE			
	ACTUAL	EST.	DIFFERENCE		ACTUAL	EST.	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<u>FUEL COST-NET GEN.(\$)</u>								
1 LIGHTER OIL (B.L.)	66,948	62,321	4,627	7.42	873,436	503,923	369,513	73.33
2 COAL	19,000,905	16,640,626	2,360,279	14.18	104,228,327	115,092,186	(10,863,859)	(9.44)
3 GAS	10,123,948	10,005,909	118,039	1.18	62,292,924	84,624,362	(22,331,438)	(26.39)
4 GAS (B.L.)	317,013	339,445	(22,432)	(6.61)	2,069,032	2,460,584	(391,552)	(15.91)
5 LANDFILL GAS	70,176	65,793	4,383	6.66	495,091	508,668	(13,577)	(2.67)
6 OIL - C.T.	0	0	0	0.00	72,740	0	72,740	100.00
7 TOTAL (\$)	<u>29,578,990</u>	<u>27,114,094</u>	<u>2,464,896</u>	<u>9.09</u>	<u>170,031,550</u>	<u>203,189,723</u>	<u>(33,158,173)</u>	<u>(16.32)</u>
<u>SYSTEM NET GEN. (MWH)</u>								
8 LIGHTER OIL	0	0	0	0.00	0	0	0	0.00
9 COAL	507,849	515,206	(7,357)	(1.43)	2,545,891	3,259,431	(713,540)	(21.89)
10 GAS	353,797	371,510	(17,713)	(4.77)	2,719,052	2,713,660	5,392	0.20
11 LANDFILL GAS	2,255	2,100	155	7.38	15,728	16,527	(799)	(4.83)
12 OIL - C.T.	<u>(7)</u>	<u>0</u>	<u>(7)</u>	<u>100.00</u>	<u>289</u>	<u>0</u>	<u>289</u>	<u>100.00</u>
13 TOTAL (MWH)	<u>863,894</u>	<u>888,816</u>	<u>(24,922)</u>	<u>(2.80)</u>	<u>5,280,960</u>	<u>5,989,618</u>	<u>(708,658)</u>	<u>(11.83)</u>
<u>UNITS OF FUEL BURNED</u>								
14 LIGHTER OIL (BBL)	1,071	987	84	8.51	13,739	6,182	7,557	122.24
15 COAL (TONS)	263,382	202,099	61,283	30.32	1,342,544	1,446,040	(103,496)	(7.16)
16 GAS (MCF) (1)	2,515,920	2,567,632	(51,712)	(2.01)	19,219,273	18,225,492	993,781	5.45
17 OIL - C.T. (BBL)	0	0	0	0.00	969	0	969	100.00
<u>BTU'S BURNED (MMBTU)</u>								
18 COAL + GAS B.L. + OIL B.L.	5,645,680	5,558,460	87,220	1.57	29,155,377	34,987,923	(5,832,546)	(16.67)
19 GAS - Generation (1)	2,567,702	2,618,985	(51,283)	(1.96)	19,502,823	18,490,002	1,012,821	5.48
20 OIL - C.T.	0	0	0	0.00	<u>5,633</u>	<u>0</u>	<u>5,633</u>	<u>100.00</u>
21 TOTAL (MMBTU)	<u>8,213,382</u>	<u>8,177,445</u>	<u>35,937</u>	<u>0.44</u>	<u>48,663,833</u>	<u>53,477,925</u>	<u>(4,814,092)</u>	<u>(9.00)</u>
<u>GENERATION MIX (% MWH)</u>								
22 LIGHTER OIL (B.L.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23 COAL	58.79	57.96	0.83	1.43	48.20	54.41	(6.21)	(11.41)
24 GAS	40.95	41.80	(0.85)	(2.03)	51.49	45.31	6.18	13.64
25 LANDFILL GAS	0.26	0.24	0.02	8.33	0.30	0.28	0.02	7.14
26 OIL - C.T.	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.01</u>	<u>0.00</u>	<u>0.01</u>	<u>100.00</u>
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>
<u>FUEL COST (\$)/ UNIT</u>								
28 LIGHTER OIL (\$/BBL)	62.53	63.14	(0.61)	(0.97)	63.58	81.51	(17.93)	(22.00)
29 COAL (\$/TON)	72.14	70.28	1.86	2.65	77.63	77.91	(0.28)	(0.36)
30 GAS (\$/MCF) (1)	4.08	3.93	0.15	3.82	3.27	4.67	(1.40)	(29.98)
31 OIL - C.T. (\$/BBL)	0.00	0.00	0.00	0.00	75.07	0.00	75.07	100.00
<u>FUEL COST (\$)/ MMBTU</u>								
32 COAL + GAS B.L. + OIL B.L.	3.43	3.07	0.36	11.73	3.68	3.37	0.31	9.20
33 GAS - Generation (1)	3.87	3.72	0.15	4.03	3.12	4.47	(1.35)	(30.20)
34 OIL - C.T.	0.00	0.00	0.00	0.00	12.91	0.00	12.91	100.00
35 TOTAL (\$/MMBTU)	<u>3.57</u>	<u>3.28</u>	<u>0.29</u>	<u>8.84</u>	<u>3.45</u>	<u>3.75</u>	<u>(0.30)</u>	<u>(8.00)</u>
<u>BTU BURNED / KWH</u>								
36 COAL + GAS B.L. + OIL B.L.	11,117	10,789	328	3.04	11,452	10,734	718	6.69
37 GAS - Generation (1)	7,374	7,216	158	2.19	7,296	6,958	338	4.86
38 OIL - C.T.	0	0	0	0.00	19,491	0	19,491	100.00
39 TOTAL (BTU/KWH)	<u>9,595</u>	<u>9,312</u>	<u>283</u>	<u>3.04</u>	<u>9,324</u>	<u>9,038</u>	<u>286</u>	<u>3.16</u>
<u>FUEL COST (¢ / KWH)</u>								
40 COAL + GAS B.L. + OIL B.L.	3.82	3.31	0.51	15.41	4.21	3.62	0.59	16.30
41 GAS	2.86	2.69	0.17	6.32	2.29	3.12	(0.83)	(26.60)
42 LANDFILL GAS	3.11	3.13	(0.02)	(0.64)	3.15	3.08	0.07	2.27
43 OIL - C.T.	0.00	0.00	0.00	0.00	25.17	0.00	25.17	100.00
44 TOTAL (¢/KWH)	<u>3.42</u>	<u>3.05</u>	<u>0.37</u>	<u>12.13</u>	<u>3.22</u>	<u>3.39</u>	<u>(0.17)</u>	<u>(5.01)</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: AUGUST 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	5,493	9.8	100.0	46.7	13,857	Coal	3,302	11,526	76,118	255,415	4.65	77.35
2			0					Gas-G	0	1,019	0	0	0.00	0.00
3								Gas-S	776	1,019	791	29,298		37.76
4								Oil-S	181	138,500	1,052	11,384		62.90
5	Crist 5	75	8,118	14.5	100.0	52.7	13,145	Coal	4,613	11,566	106,714	356,842	4.40	77.36
6			0					Gas-G	0	1,019	0	0	0.00	0.00
7								Gas-S	2,340	1,019	2,385	88,336		37.75
8								Oil-S	147	138,500	858	9,280		62.92
9	Crist 6	299	132,327	59.5	100.0	59.5	10,992	Coal	64,523	11,272	1,454,595	4,990,914	3.77	77.35
10			0					Gas-G	0	1,019	0	0	0.00	0.00
11								Gas-S	851	1,019	867	32,113		37.74
12								Oil-S	568	138,500	3,306	35,761		62.96
13	Crist 7	475	214,821	60.8	90.3	67.3	10,539	Coal	99,808	11,342	2,264,045	7,720,301	3.59	77.35
14			0					Gas-G	0	1,019	0	0	0.00	0.00
15								Gas-S	4,432	1,019	4,516	167,265		37.74
16								Oil-S	98	138,500	570	6,165		62.91
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	348,198	84.2	97.3	97.7	7,374	Gas-G	2,507,521	1,024	2,567,702	9,942,063	2.86	3.96
22	Smith A (2)	32	(7)	0.0	100.0	0.0	0	Oil	0	138,500	0	0	0.00	0.00
23	Other Generation		5,599									181,885	3.25	0.00
24	Perdido		2,255					Landfill Gas				70,176	3.11	0.00
25	Daniel 1 (1)	255	73,443	38.7	100.0	38.7	11,782	Coal	44,747	9,669	865,325	2,789,546	3.80	62.34
26								Oil-S	18	138,500	105	1,037		57.61
27	Daniel 2 (1)	255	73,647	38.8	100.0	38.8	11,733	Coal	46,389	9,314	864,096	2,891,909	3.93	62.34
28								Oil-S	58	138,500	337	3,321		57.26
29	Total	2,022	863,894	57.4	97.0	64.9	9,595				8,213,382	29,583,011	3.42	

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	29,578,990	3.42

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

	CURRENT MONTH				PERIOD-TO-DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
<u>LIGHT OIL</u>								
1 PURCHASES :								
2 UNITS (BBL)	3,729	912	2,817	308.88	15,161	5,912	9,249	156.44
3 UNIT COST (\$/BBL)	62.05	66.00	(3.95)	(5.98)	57.10	81.83	(24.73)	(30.22)
4 AMOUNT (\$)	231,379	60,192	171,187	284.40	865,736	483,771	381,965	78.96
5 BURNED :								
6 UNITS (BBL)	1,071	987	84	8.51	13,965	6,182	7,783	125.90
7 UNIT COST (\$/BBL)	62.51	63.14	(0.63)	(1.00)	63.44	81.51	(18.07)	(22.17)
8 AMOUNT (\$)	66,948	62,321	4,627	7.42	885,930	503,923	382,007	75.81
9 ENDING INVENTORY :								
10 UNITS (BBL)	6,096	4,340	1,756	40.46	6,096	4,340	1,756	40.46
11 UNIT COST (\$/BBL)	59.94	61.18	(1.24)	(2.03)	59.94	61.18	(1.24)	(2.03)
12 AMOUNT (\$)	365,407	265,539	99,868	37.61	365,407	265,539	99,868	37.61
13 DAYS SUPPLY	N/A	N/A						
<u>COAL</u>								
14 PURCHASES :								
15 UNITS (TONS)	264,014	208,300	55,714	26.75	972,051	1,340,692	(368,641)	(27.50)
16 UNIT COST (\$/TON)	70.68	64.65	6.03	9.33	78.46	71.08	7.38	10.38
17 AMOUNT (\$)	18,661,408	13,466,691	5,194,717	38.57	76,265,809	95,294,985	(19,029,176)	(19.97)
18 BURNED :								
19 UNITS (TONS)	263,382	202,099	61,283	30.32	1,342,544	1,446,040	(103,496)	(7.16)
20 UNIT COST (\$/TON)	72.16	70.31	1.85	2.63	77.66	76.23	1.43	1.88
21 AMOUNT (\$)	19,004,926	14,209,801	4,795,125	33.75	104,260,498	110,224,693	(5,964,195)	(5.41)
22 ENDING INVENTORY :								
23 UNITS (TONS)	328,553	355,161	(26,608)	(7.49)	328,553	355,161	(26,608)	(7.49)
24 UNIT COST (\$/TON)	71.78	69.96	1.82	2.60	71.78	69.96	1.82	2.60
25 AMOUNT (\$)	23,582,266	24,845,865	(1,263,599)	(5.09)	23,582,266	24,845,865	(1,263,599)	(5.09)
26 DAYS SUPPLY	21	22	(1)	(4.55)				
<u>GAS</u> (Reported on a MMBTU and \$ basis)								
27 PURCHASES :								
28 UNITS (MMBTU)	2,576,261	2,618,985	(42,724)	(1.63)	19,741,833	18,590,002	1,151,831	6.20
29 UNIT COST (\$/MMBTU)	4.01	3.72	0.29	7.80	3.25	4.55	(1.30)	(28.57)
30 AMOUNT (\$)	10,336,701	9,741,206	595,495	6.11	64,190,455	84,528,392	(20,337,937)	(24.06)
31 BURNED :								
32 UNITS (MMBTU)	2,576,261	2,618,985	(42,724)	(1.63)	19,623,294	18,590,002	1,033,292	5.56
33 UNIT COST (\$/MMBTU)	3.98	3.72	0.26	6.99	3.21	4.55	(1.34)	(29.45)
34 AMOUNT (\$)	10,258,998	9,741,206	517,792	5.32	62,924,136	84,528,392	(21,604,256)	(25.56)
35 ENDING INVENTORY :								
36 UNITS (MMBTU)	786,974	0	786,974	100.00	786,974	0	786,974	100.00
37 UNIT COST (\$/MMBTU)	3.87	0.00	3.87	100.00	3.87	0.00	3.87	100.00
38 AMOUNT (\$)	3,047,115	0	3,047,115	100.00	3,047,115	0	3,047,115	100.00
<u>OTHER - C.T. OIL</u>								
39 PURCHASES :								
40 UNITS (BBL) *	0	0	0	0.00	1,408	0	1,408	100.00
41 UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	67.25	0.00	67.00	100.00
42 AMOUNT (\$)	0	0	0	0.00	94,685	0	94,685	100.00
43 BURNED :								
44 UNITS (BBL)	0	0	0	0.00	969	0	969	100.00
45 UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	101.92	0.00	101.92	100.00
46 AMOUNT (\$)	0	0	0	0.00	98,762	0	98,762	100.00
47 ENDING INVENTORY :								
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: AUGUST 2016**

CURRENT MONTH								
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)
SOLD TO	TYPE AND SCHEDULE	TOTAL KWH SOLD	WHEELED FROM OTHER SYSTEMS	KWH FROM OWN GENERATION	(a) FUEL COST	(b) TOTAL COST	(5) x (6)(a) TOTAL \$ FOR FUEL ADJ.	(5) x (6)(b) TOTAL COST \$
<i>ESTIMATED</i>								
1	Southern Company Interchange	286,833,000	0	286,833,000	2.36	2.79	6,775,000	8,010,000
2	Various Economy Sales	8,802,000	0	8,802,000	2.35	2.72	207,000	239,000
3	Gain on Econ. Sales	0	0	0	0.00	0.00	77,000	77,000
4	TOTAL ESTIMATED SALES	295,635,000	0	295,635,000	2.39	2.82	7,059,000	8,326,000
<i>ACTUAL</i>								
5	Southern Company Interchange	299,168,309	0	299,168,309	2.71	2.98	8,105,670	8,914,673
6	A.E.C. External	218,464	0	218,464	2.92	3.68	6,390	8,036
7	AECI External	0	0	0	0.00	0.00	0	0
8	CARGILE External	35,288	0	35,288	3.26	4.84	1,151	1,707
9	DUKE PWR External	0	0	0	0.00	0.00	0	0
10	EAGLE EN External	312,002	0	312,002	2.77	3.72	8,639	11,608
11	ENDURE External	12,832	0	12,832	3.62	6.00	465	770
12	EXELON External	231,677	0	231,677	3.23	4.12	7,478	9,537
13	FPC External	16,041	0	16,041	3.61	5.56	579	892
14	FPL External	2,683,831	0	2,683,831	2.96	4.38	79,319	117,626
15	FPLEPM External	77,888	0	77,888	2.40	3.42	1,866	2,668
16	JPMVEC External	0	0	0	0.00	0.00	0	0
17	MERCURIA External	42,407	0	42,407	2.04	2.61	866	1,106
18	MISO External	586,089	0	586,089	2.85	4.00	16,720	23,449
19	MORGAN External	269,336	0	269,336	3.18	4.31	8,575	11,606
20	NCEMC External	10,585	0	10,585	3.69	3.98	391	422
21	NCMPA01 External	11,229	0	11,229	3.24	4.06	364	456
22	NOBLEAGP External	0	0	0	0.00	0.00	0	0
23	OPC External	159,758	0	159,758	3.47	5.51	5,549	8,800
24	ORLANDO External	87,520	0	87,520	2.97	4.79	2,599	4,194
25	PJM External	224,942	0	224,942	3.41	4.71	7,665	10,599
26	REMC External	0	0	0	0.00	0.00	0	0
27	SCE&G External	1,173,572	0	1,173,572	2.48	3.01	29,071	35,296
28	SEC External	325,991	0	325,991	2.68	3.62	8,745	11,813
29	SEPA External	3,265,369	0	3,265,369	2.34	3.05	76,560	99,558
30	TAL External	81,997	0	81,997	3.24	4.68	2,656	3,836
31	TEA External	1,254,870	0	1,254,870	2.46	3.24	30,828	40,717
32	TECO External	73,912	0	73,912	2.17	3.22	1,604	2,379
33	TENASKA External	0	0	0	0.00	0.00	0	0
34	TVA External	918,119	0	918,119	3.44	5.03	31,595	46,155
35	WRI External	31,310	0	31,310	3.44	4.74	1,078	1,484
36	Less: Flow-Thru Energy	(10,931,457)	0	(10,931,457)	2.76	2.76	(301,747)	(301,747)
37	SEPA	1,083,000	1,083,000	0	0.00	0.00	0	0
38	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	58,614	58,614
39	Other transactions including adj.	<u>199,960,911</u>	<u>116,679,632</u>	<u>83,281,279</u>	0.00	0.00	0	0
40	TOTAL ACTUAL SALES	501,385,792	117,762,632	383,623,160	1.63	1.81	8,193,291	9,067,637
40	Difference in Amount	205,750,792	117,762,632	87,988,160	(0.76)	(1.01)	1,134,291	741,637
41	Difference in Percent	69.60	0.00	29.76	(31.80)	(35.82)	16.07	8.91

Note: (1) Economy Sales Gains in column 8 are included in the total cost for each counterparty and are not included as depicted on line 37

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

PERIOD TO DATE								
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)
SOLD TO	TYPE AND SCHEDULE	TOTAL KWH SOLD	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	2,490,887,000	0	2,490,887,000	2.38	2.78	59,218,000	69,254,000
2	Various Economy Sales	76,074,000	0	76,074,000	2.29	2.75	1,742,000	2,095,000
3	Gain on Econ. Sales	0	0	0	0.00	0.00	390,000	390,000
4	TOTAL ESTIMATED SALES	<u>2,566,961,000</u>	<u>0</u>	<u>2,566,961,000</u>	<u>2.39</u>	<u>2.79</u>	<u>61,350,000</u>	<u>71,739,000</u>
<i>ACTUAL</i>								
5	Southern Company Interchange	2,057,238,017	0	2,057,238,017	2.36	2.67	48,479,947	54,850,388
6	A.E.C. External	1,311,811	0	1,311,811	2.28	3.03	29,917	39,795
7	AECI External	0	0	0	0.00	0.00	2	0
8	CARGILE External	1,716,576	0	1,716,576	4.37	3.31	74,950	56,746
9	DUKE PWR External	297,381	0	297,381	2.74	4.69	8,146	13,935
10	EAGLE EN External	1,956,784	0	1,956,784	2.08	2.96	40,720	57,961
11	ENDURE External	62,236	0	62,236	2.98	4.32	1,855	2,688
12	EXELON External	1,072,861	0	1,072,861	3.75	3.27	40,242	35,047
13	FPC External	666,480	0	666,480	2.83	4.74	18,833	31,574
14	FPL External	7,434,741	0	7,434,741	2.84	4.31	211,027	320,398
15	FPLEPM External	77,888	0	77,888	2.40	3.42	1,866	2,668
16	JPMVEC External	226,163	0	226,162	0.00	3.70	0	8,373
17	MERCURIA External	79,040	0	79,040	11.10	2.74	8,774	2,169
18	MISO External	10,859,022	0	10,859,022	1.52	2.16	164,945	234,294
19	MORGAN External	4,169,056	0	4,169,056	1.80	2.65	75,035	110,572
20	NCEMC External	412,139	0	412,139	2.28	2.62	9,411	10,807
21	NCMPA01 External	11,229	0	11,229	3.24	4.06	364	456
22	NOBLEAGP External	0	0	0	0.00	0.00	3,880	0
23	OPC External	462,592	0	462,592	2.40	3.76	11,091	17,388
24	ORLANDO External	2,941,325	0	2,941,325	2.74	4.04	80,469	118,795
25	PJM External	9,385,667	0	9,385,667	1.65	2.76	155,170	258,582
26	REMC External	4,301	0	4,301	2.55	4.50	110	194
27	SCE&G External	7,235,508	0	7,235,508	2.16	2.68	156,256	193,838
28	SEC External	1,196,435	0	1,196,435	2.64	3.73	31,582	44,593
29	SEPA External	8,044,513	0	8,044,513	2.25	2.93	181,029	235,466
30	TAL External	172,719	0	172,719	2.52	3.71	4,352	6,405
31	TEA External	10,148,531	0	10,148,531	2.04	2.75	206,636	279,213
32	TECO External	439,040	0	439,040	2.67	3.62	11,729	15,914
33	TENASKA External	8,277	0	8,277	2.88	4.34	239	359
34	TVA External	4,940,935	0	4,940,935	2.79	4.44	137,623	219,265
35	WRI External	2,063,187	0	2,063,187	2.66	2.21	54,978	45,538
36	Less: Flow-Thru Energy	(70,319,843)	0	(70,319,843)	2.12	2.12	(1,487,446)	(1,487,446)
37	SEPA	12,518,000	12,518,000	0	0.00	0.00	0	0
38	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	317,556	317,557
39	Other transactions including adj.	<u>1,985,463,652</u>	<u>973,004,876</u>	<u>1,012,458,776</u>	<u>0.00</u>	<u>0.00</u>	<u>0</u>	<u>0</u>
40	TOTAL ACTUAL SALES	<u>4,062,296,263</u>	<u>985,522,877</u>	<u>3,076,773,386</u>	<u>1.21</u>	<u>1.37</u>	<u>49,031,288</u>	<u>55,725,974</u>
41	Difference in Amount	1,495,335,263	985,522,877	509,812,386	(1.18)	(1.42)	(12,318,712)	(16,013,026)
42	Difference in Percent	58.25	0.00	19.86	(49.37)	(50.90)	(20.08)	(22.32)

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: AUGUST 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: AUGUST 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	4,758,000	0	0	0	3.52	3.52	167,407
3	Renewable Energy Customers	COG 1	0	0	0	0	0.00	0.00	0
4	Ascend Performance Materials	COG 1	10,164,000	0	0	0	2.83	2.83	288,082
5	International Paper	COG 1	10,000	0	0	0	3.28	3.28	328
6	TOTAL		<u>14,932,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	3.05	3.05	<u>455,817</u>
7	Difference in Amount		3,104,000				0.12	0.12	109,817
8	Difference in Percent		26.24				4.10	4.10	31.74

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		129,580,000	0	0	0	2.75	2.75	3,568,000
<u>ACTUAL</u>									
2	Bay County/Engen, LLC	Contract	37,308,000	0	0	0	3.52	3.52	1,312,603
3	Renewable Energy Customers	COG 1	0	0	0	0	0.00	0.00	97
4	Ascend Performance Materials	COG 1	107,412,000	0	0	0	2.37	2.37	2,549,664
5	International Paper	COG 1	121,000	0	0	0	2.03	2.03	2,453
6	TOTAL		<u>144,841,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	2.67	2.67	<u>3,864,816</u>
7	Difference in Amount		15,261,000				(0.08)	(0.08)	296,816
8	Difference in Percent		11.78				(2.91)	(2.91)	8.32

SCHEDULE A-9

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

(1) PURCHASED FROM	CURRENT MONTH			PERIOD - TO - DATE		
	(2) TOTAL KWH PURCHASED	(3) TRANS. COST ¢ / KWH	(4) TOTAL \$ FOR FUEL ADJ.	(5) TOTAL KWH PURCHASED	(6) TRANS. COST ¢ / KWH	(7) TOTAL \$ FOR FUEL ADJ.
<i>ESTIMATED</i>						
1 Southern Company Interchange	12,686,000	2.51	318,000	414,360,000	2.57	10,643,000
2 Economy Energy	5,459,000	2.82	154,000	29,382,000	2.86	840,000
3 Other Purchases	642,914,000	2.40	15,438,000	4,177,913,000	3.03	126,574,000
4 TOTAL ESTIMATED PURCHASES	<u>661,059,000</u>	2.41	<u>15,910,000</u>	<u>4,621,655,000</u>	2.99	<u>138,057,000</u>
<i>ACTUAL</i>						
5 Southern Company Interchange	64,848,610	3.88	2,513,434	775,764,483	2.45	19,032,960
6 Non-Associated Companies	62,501,498	1.46	915,512	494,773,390	0.69	3,397,433
7 Purchased Power & Renewable Agreement Energy	588,302,000	2.71	15,935,965	4,054,299,000	2.39	96,727,639
8 Other Wheeled Energy	161,763,000	0.00	N/A	1,273,991,000	0.00	N/A
9 Other Transactions	23,910,391	0.08	19,513	373,879,483	0.04	132,068
10 Less: Flow-Thru Energy	<u>(10,931,457)</u>	3.01	<u>(328,963)</u>	<u>(70,319,843)</u>	2.36	<u>(1,661,852)</u>
11 TOTAL ACTUAL PURCHASES	<u>890,394,042</u>	2.14	<u>19,055,461</u>	<u>6,902,387,513</u>	1.70	<u>117,628,248</u>
12 Difference in Amount	229,335,042	(0.27)	3,145,461	2,280,732,513	(1.29)	(20,428,752)
13 Difference in Percent	34.69	(11.20)	19.77	49.35	(43.14)	(14.80)

**2016 CAPACITY CONTRACTS
GULF POWER COMPANY**

Capacity Costs (\$)

A. CONTRACT/COUNTERPARTY	CONTRACT		TERM		January ⁽¹⁾	February ⁽²⁾	March	April	May ⁽²⁾	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	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	7,203,819						58,704,702
Total					7,355,068	7,373,491	7,348,530	7,402,799	7,426,478	7,388,259	7,202,997	7,203,819	0	0	0	0	0	58,701,441

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	0				
2 Power Purchase Agreements & Other Confidential Agreements				Varies	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

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
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 20th day of September, 2016 to the following:

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