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October 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 September 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,

Robert L. McGee, Jr.
Regulatory and Pricing Manager

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Attachment

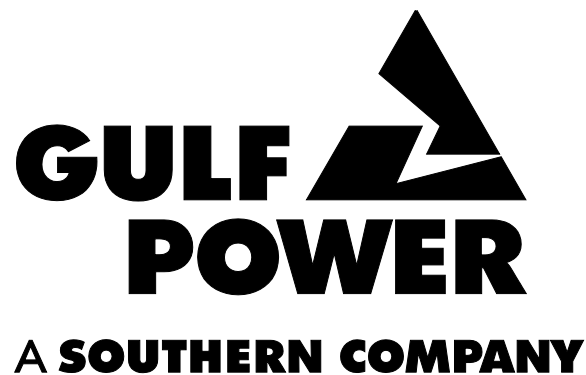
cc w/attachment: Florida Public Service Commission
Michael C. Barrett
Division of Auditing and Safety
Lynn Deamer

**BEFORE THE FLORIDA PUBLIC
SERVICE COMMISSION**

Docket No. 160001-EI

Monthly Fuel Filing

September 2016



SCHEDULE A1a

**GULF POWER COMPANY
 RECAP OF ACTUAL FUEL & PURCHASED POWER COSTS
 SHOWN ON SCHEDULE A-1
 FOR THE MONTH OF: SEPTEMBER 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	\$ 20,838,176
2	Fuel Related Transactions		0
3	Adjustments to Fuel Cost	Schedule A-2, Line A-7	1,380
4	Hedging Settlement Costs	Schedule A-2, Line A-5	3,263,916
5	Fuel Cost of Purchased Power	Schedule A-7	0
6	Energy Cost of Economy Purchases	Sch. A-9, Col. 4, Line 12	19,751,998
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	454,125
9	Fuel Cost of Power Sold	Sch. A-6, Col. 7, Total Line	<u>(3,884,172)</u>
10	Total Fuel and Net Power Transactions		<u>\$ 40,425,423</u>

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

	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)	20,838,176	18,611,276	2,226,900	11.97	596,236,000	553,216,000	43,020,000	7.78	3.4950	3.3642	0.13	3.89
2 Hedging Settlement Costs (A2)	3,263,916	3,983,814	(719,898)	(18.07)	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) **	1,380	0	1,380	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
5 TOTAL COST OF GENERATED POWER	24,103,472	22,595,090	1,508,382	6.68	596,236,000	553,216,000	43,020,000	7.78	4.0426	4.0843	(0.04)	(1.02)
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)	19,751,998	16,947,000	2,804,998	16.55	915,936,878	683,124,000	232,812,878	34.08	2.1565	2.4808	(0.32)	(13.07)
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)	454,125	346,000	108,125	31.25	14,808,000	11,826,000	2,982,000	25.22	3.0668	2.9258	0.14	4.82
12 TOTAL COST OF PURCHASED POWER	20,206,123	17,293,000	2,913,123	16.85	930,744,878	694,950,000	235,794,878	33.93	2.1710	2.4884	(0.32)	(12.76)
13 Total Available MWH (Line 5 + Line 12)	44,309,595	39,888,090	4,421,505	11.08	1,526,980,878	1,248,166,000	278,814,878	22.34				
14 Fuel Cost of Economy Sales (A6)	(249,939)	(178,000)	(71,939)	40.42	(8,663,603)	(7,503,000)	(1,160,603)	15.47	(2.8849)	(2.3724)	(0.51)	(21.60)
15 Gain on Economy Sales (A6)	(37,649)	(53,000)	15,351	(28.96)	0	0	0	0.00	#N/A	#N/A	#N/A	#N/A
16 Fuel Cost of Other Power Sales (A6)	(3,596,584)	(2,943,000)	(653,584)	22.21	(368,112,025)	(131,745,000)	(236,367,025)	179.41	(0.9770)	(2.2339)	1.26	56.26
TOTAL FUEL COSTS & GAINS OF POWER SALES												
17 (LINES 14 + 15 + 16)	(3,884,172)	(3,174,000)	(710,172)	22.37	(376,775,628)	(139,248,000)	(237,527,628)	170.58	(1.0309)	(2.2794)	1.25	54.77
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												
19 (LINES 5 + 12 + 17)	40,425,423	36,714,090	3,711,333	10.11	1,150,205,250	1,108,918,000	41,287,250	3.72	3.5146	3.3108	0.20	6.16
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 *	47,370	57,906	(10,536)	(18.20)	1,347,817	1,749,000	(401,183)	(22.94)	3.5146	3.3108	0.20	6.16
22 T & D Losses *	1,958,121	1,845,307	112,814	6.11	55,713,914	55,736,000	(22,086)	(0.04)	3.5146	3.3108	0.20	6.16
23 TERRITORIAL KWH SALES	40,425,424	36,714,090	3,711,333	10.11	1,093,143,519	1,051,433,000	41,710,519	3.97	3.6981	3.4918	0.21	5.91
24 Wholesale KWH Sales	1,072,123	1,030,381	41,742	4.05	28,991,399	29,508,000	(516,601)	(1.75)	3.6981	3.4919	0.21	5.91
25 Jurisdictional KWH Sales	39,353,301	35,683,709	3,669,592	10.28	1,064,152,120	1,021,925,000	42,227,120	4.13	3.6981	3.4918	0.21	5.91
26 Jurisdictional Loss Multiplier	1.0015	1.0015							1.0015	1.0015		
27 Jurisdictional KWH Sales Adj. for Line Losses	39,412,331	35,737,235	3,675,096	10.28	1,064,152,120	1,021,925,000	42,227,120	4.13	3.7036	3.4971	0.21	5.90
28 TRUE-UP	(1,614,174)	(1,614,174)	0	0.00	1,064,152,120	1,021,925,000	42,227,120	4.13	(0.1517)	(0.1580)	0.01	(3.99)
29 TOTAL JURISDICTIONAL FUEL COST	37,798,157	34,123,061	3,675,096	10.77	1,064,152,120	1,021,925,000	42,227,120	4.13	3.5519	3.3391	0.21	6.37
30 Revenue Tax Factor									1.00072	1.00072		
31 Fuel Factor Adjusted for Revenue Taxes									3.5545	3.3415	0.21	6.37
32 GPIF Reward / (Penalty)	220,693	220,693	0	0.00	1,064,152,120	1,021,925,000	42,227,120	4.13	0.0207	0.0216	(0.00)	(4.17)
33 Fuel Factor Adjusted for GPIF Reward / (Penalty)									3.5752	3.3631	0.21	6.31
34 FUEL FACTOR ROUNDED TO NEAREST .001(CENTS/KWH)									3.575	3.363		

* Included for Informational Purposes Only

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

**COMPARISON OF ESTIMATED AND ACTUAL
FUEL AND PURCHASED POWER COST RECOVERY FACTOR
GULF POWER COMPANY
SEPTEMBER 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)	190,869,727	221,800,999	(30,931,272)	(13.95)	5,877,196,000	6,542,834,000	(665,638,000)	(10.17)	3.2476	3.3900	(0.14)	(4.20)
2 Hedging Settlement Costs (A2)	44,658,594	12,022,854	32,635,740	271.45	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) **	1,431	0	1,431	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
5 TOTAL COST OF GENERATED POWER	235,529,752	233,823,853	1,705,899	0.73	5,877,196,000	6,542,834,000	(665,638,000)	(10.17)	4.0075	3.5737	0.43	12.14
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)	137,380,246	155,004,000	(17,623,754)	(11.37)	7,818,324,391	5,304,779,000	2,513,545,391	47.38	1.7572	2.9220	(1.16)	(39.86)
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)	4,318,941	3,914,000	404,941	10.35	159,649,000	141,406,000	18,243,000	12.90	2.7053	2.7679	(0.06)	(2.26)
12 TOTAL COST OF PURCHASED POWER	141,699,187	158,918,000	(17,218,813)	(10.84)	7,977,973,391	5,446,185,000	2,531,788,391	46.49	1.7761	2.9180	(1.14)	(39.13)
13 Total Available MWH (Line 5 + Line 12)	377,228,939	392,741,853	(15,512,914)	(3.95)	13,855,169,391	11,989,019,000	1,866,150,391	15.57				
14 Fuel Cost of Economy Sales (A6)	(1,971,170)	(1,920,000)	(51,170)	2.67	(86,060,040)	(83,577,000)	(2,483,040)	2.97	(2.2905)	(2.2973)	0.01	0.30
15 Gain on Economy Sales (A6)	(355,205)	(443,000)	87,795	(19.82)	0	0	0	0.00	#N/A	#N/A	#N/A	#N/A
16 Fuel Cost of Other Power Sales (A6)	(50,589,085)	(62,161,000)	11,571,915	(18.62)	(4,353,011,851)	(2,622,632,000)	(1,730,379,851)	65.98	(1.1622)	(2.3702)	1.21	50.97
TOTAL FUEL COSTS & GAINS OF POWER SALES (LINES 14 + 15 + 16)	(52,915,460)	(64,524,000)	11,608,540	(17.99)	(4,439,071,891)	(2,706,209,000)	(1,732,862,891)	64.03	(1.1920)	(2.3843)	1.19	50.01
18 Net Inadvertent 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)	324,313,479	328,217,853	(3,904,374)	(1.19)	9,416,097,500	9,282,810,000	133,287,500	1.44	3.4442	3.5358	(0.09)	(2.59)
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 *	398,784	554,060	(155,276)	(28.03)	11,578,408	15,670,000	(4,091,592)	(26.11)	3.4442	3.5358	(0.09)	(2.59)
22 T & D Losses *	15,944,820	15,958,374	(13,554)	(0.08)	462,946,995	451,337,000	11,609,995	2.57	3.4442	3.5358	(0.09)	(2.59)
23 TERRITORIAL KWH SALES	324,313,479	328,217,853	(3,904,374)	(1.19)	8,941,572,097	8,815,803,000	125,769,097	1.43	3.6270	3.7231	(0.10)	(2.58)
24 Wholesale KWH Sales	8,864,883	9,468,622	(603,739)	(6.38)	244,569,470	253,782,000	(9,212,530)	(3.63)	3.6247	3.7310	(0.11)	(2.85)
25 Jurisdictional KWH Sales	315,448,596	318,749,231	(3,300,635)	(1.04)	8,697,002,627	8,562,021,000	134,981,627	1.58	3.6271	3.7228	(0.10)	(2.57)
26 Jurisdictional Loss Multiplier	1.0015	1.0015							1.0015	1.0015		
27 Jurisdictional KWH Sales Adj. for Line Losses	315,921,770	319,227,354	(3,305,584)	(1.04)	8,697,002,627	8,562,021,000	134,981,627	1.58	3.6325	3.7284	(0.10)	(2.57)
28 TRUE-UP	(14,527,565)	(14,527,565)	0	0.00	8,697,002,627	8,562,021,000	134,981,627	1.58	(0.1670)	(0.1697)	0.00	(1.59)
29 TOTAL JURISDICTIONAL FUEL COST	301,394,205	304,699,789	(3,305,584)	(1.08)	8,697,002,627	8,562,021,000	134,981,627	1.58	3.4655	3.5587	(0.09)	(2.62)
30 Revenue Tax Factor									1.00072	1.00072		
31 Fuel Factor Adjusted for Revenue Taxes									3.4680	3.5613	(0.09)	(2.62)
32 GPIF Reward / (Penalty)	1,986,233	1,986,233	0	0.00	8,697,002,627	8,562,021,000	134,981,627	1.58	0.0228	0.0232	(0.00)	(1.72)
33 Fuel Factor Adjusted for GPIF Reward / (Penalty)									3.4908	3.5845	(0.09)	(2.61)
34 FUEL FACTOR ROUNDED TO NEAREST .001(CENTS/KWH)									3.491	3.585		

* Included for Informational Purposes Only

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

**CALCULATION OF TRUE-UP AND INTEREST PROVISION
GULF POWER COMPANY
FOR THE MONTH OF: SEPTEMBER 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	20,717,741.54	18,355,096	2,362,645.54	12.87	189,312,094.24	219,643,161	(30,331,066.76)	(13.81)
1a Other Generation	120,434.92	256,180	(135,745.08)	(52.99)	1,557,632.53	2,157,838	(600,205.47)	(27.82)
2 Fuel Cost of Power Sold	(3,884,171.53)	(3,174,000)	(710,171.53)	(22.37)	(52,915,459.54)	(64,524,000)	11,608,540.46	17.99
3 Fuel Cost - Purchased Power	19,751,997.74	16,947,000	2,804,997.74	16.55	137,380,246.35	155,004,000	(17,623,753.65)	(11.37)
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	454,125.08	346,000	108,125.08	31.25	4,318,941.25	3,914,000	404,941.25	10.35
4 Energy Cost - Economy Purchases	0.00	0	0.00	0.00	0.00	0	0.00	0.00
5 Hedging Settlement Cost	3,263,916.00	3,983,814	(719,898.00)	(18.07)	44,658,594.00	12,022,854	32,635,740.00	271.45
6 Total Fuel & Net Power Transactions	40,424,043.75	36,714,090	3,709,953.75	10.10	324,312,048.83	328,217,853	(3,905,804.17)	(1.19)
7 Adjustments To Fuel Cost*	1,380.00	0	1,380.00	100.00	1,430.01	0	1,430.01	100.00
8 Adj. Total Fuel & Net Power Transactions	40,425,423.75	36,714,090	3,711,333.75	10.11	324,313,478.84	328,217,853	(3,904,374.16)	(1.19)
B. KWH Sales								
1 Jurisdictional Sales	1,064,152,120	1,021,925,000	42,227,120	4.13	8,697,002,627	8,562,021,000	134,981,627	1.58
2 Non-Jurisdictional Sales	28,991,399	29,508,000	(516,601)	(1.75)	244,569,470	253,782,000	(9,212,530)	(3.63)
3 Total Territorial Sales	1,093,143,519	1,051,433,000	41,710,519	3.97	8,941,572,097	8,815,803,000	125,769,097	1.43
4 Juris. Sales as % of Total Terr. Sales	97.3479	97.1935	0.1544	0.16	97.2648	97.1213	0.1435	0.15

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

4

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

	CURRENT MONTH				PERIOD - TO - DATE			
	ACTUAL	\$ ESTIMATED	DIFFERENCE AMOUNT (\$)	%	ACTUAL	\$ ESTIMATED	DIFFERENCE AMOUNT (\$)	%
<i>C. True-up Calculation</i>								
1 Jurisdictional Fuel Revenue	40,744,427.36	37,270,362	3,474,065.30	9.32	319,969,192.22	312,263,251	7,705,941.03	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	14,527,565.00	14,527,565	0.00	0.00
2b Incentive Provision	(220,534.00)	(220,534)	0.00	0.00	(1,984,805.00)	(1,984,805)	0.00	0.00
3 Juris. Fuel Revenue Applicable to Period	42,138,067.36	38,664,002	3,474,065.36	8.99	332,511,952.22	324,806,011	7,705,941.22	2.37
Adjusted Total Fuel & Net Power								
4 Transactions (Line A8)	40,425,423.75	36,714,090	3,711,333.75	10.11	324,313,478.07	328,217,853	(3,904,374.93)	(1.19)
5 Juris. Sales % of Total KWH Sales (Line B4)	97.3479	97.1935	0.1544	0.16	97.2648	97.1213	0.1435	0.15
Juris. Total Fuel & Net Power Transactions								
6 Adj. for Line Losses (C4*C5*1.0015)	39,412,331.04	35,737,235	3,675,096.04	10.28	315,921,769.83	319,227,354	(3,305,584.17)	(1.04)
True-Up Provision for the Month								
7 Over/(Under) Collection (C3-C6)	2,725,736.32	2,926,767	(201,030.68)	6.87	16,590,182.39	5,578,658	11,011,524.39	(197.39)
8 Interest Provision for the Month	7,244.07	3,632	3,612.07	(99.45)	55,986.17	29,630	26,356.17	(88.95)
9 Beginning True-Up & Interest Provision	18,970,014.55	9,134,585	9,835,429.55	(107.67)	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	(14,527,565.00)	(14,527,565)	0.00	0.00
End of Period - Total Net True-Up, Before								
11 Adjustment (C7+C8+C9+C10)	20,088,820.94	10,450,810	9,638,010.94	(92.22)	20,164,624.63	10,450,810	9,713,814.63	(92.95)
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	20,088,820.94	10,450,810	9,638,010.94	(92.22)	20,088,820.94	10,450,810	9,638,010.94	(92.22)

91

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

	CURRENT MONTH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT (\$)	%
D. <i>Interest Provision</i>				
1 Beginning True-Up Amount (C9)	18,970,014.55	9,134,585	9,835,429.55	107.67
Ending True-Up Amount				
2 Before Interest (C7+C9+C10)	20,081,576.87	10,447,178	9,634,398.87	92.22
3 Total of Beginning & Ending True-Up Amts.	39,051,591.42	19,581,763	19,469,828.42	99.43
4 Average True-Up Amount	19,525,795.71	9,790,882	9,734,913.71	99.43
Interest Rate				
5 1st Day of Reporting Business Month	0.41	0.41	0.0000	
Interest Rate				
6 1st Day of Subsequent Business Month	0.48	0.48	0.0000	
7 Total (D5+D6)	0.89	0.89	0.0000	
8 Annual Average Interest Rate	0.45	0.45	0.0000	
9 Monthly Average Interest Rate (D8/12)	0.0371	0.0371	0.0000	
10 Interest Provision (D4*D9)	7,244.07	3,632	3,612.07	99.45
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: SEPTEMBER 2016**

	CURRENT MONTH				PERIOD - TO - DATE			
	ACTUAL	EST.	DIFFERENCE		ACTUAL	EST.	DIFFERENCE	
	(1)	(2)	AMOUNT	%	(5)	(6)	AMOUNT	%
<u>FUEL COST-NET GEN.(\$)</u>								
1 LIGHTER OIL (B.L.)	92,339	50,511	41,828	82.81	965,775	554,434	411,341	74.19
2 COAL	14,711,236	12,239,108	2,472,128	20.20	118,939,563	127,331,294	(8,391,731)	(6.59)
3 GAS	5,733,817	5,941,283	(207,466)	(3.49)	68,026,741	90,565,645	(22,538,904)	(24.89)
4 GAS (B.L.)	234,121	316,743	(82,622)	(26.08)	2,303,153	2,777,327	(474,174)	(17.07)
5 LANDFILL GAS	66,664	63,631	3,033	4.77	561,754	572,299	(10,545)	(1.84)
6 OIL - C.T.	0	0	0	0.00	72,740	0	72,740	100.00
7 TOTAL (\$)	<u>20,838,176</u>	<u>18,611,276</u>	<u>2,226,900</u>	<u>11.97</u>	<u>190,869,727</u>	<u>221,800,999</u>	<u>(30,931,272)</u>	<u>(13.95)</u>
<u>SYSTEM NET GEN. (MWH)</u>								
8 LIGHTER OIL	0	0	0	0.00	0	0	0	0.00
9 COAL	432,057	384,460	47,597	12.38	2,977,948	3,643,891	(665,943)	(18.28)
10 GAS	162,114	166,725	(4,611)	(2.77)	2,881,166	2,880,385	781	0.03
11 LANDFILL GAS	2,072	2,031	41	2.02	17,800	18,558	(758)	(4.08)
12 OIL - C.T.	<u>(7)</u>	<u>0</u>	<u>(7)</u>	<u>100.00</u>	<u>282</u>	<u>0</u>	<u>282</u>	<u>100.00</u>
13 TOTAL (MWH)	<u>596,236</u>	<u>553,216</u>	<u>43,020</u>	<u>7.78</u>	<u>5,877,196</u>	<u>6,542,834</u>	<u>(665,638)</u>	<u>(10.17)</u>
<u>UNITS OF FUEL BURNED</u>								
14 LIGHTER OIL (BBL)	1,526	799	727	90.99	15,265	6,981	8,284	118.66
15 COAL (TONS)	214,906	144,521	70,385	48.70	1,557,450	1,590,561	(33,111)	(2.08)
16 GAS (MCF) (1)	1,226,888	1,117,607	109,281	9.78	20,446,161	19,343,099	1,103,062	5.70
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.	4,843,184	4,174,856	668,328	16.01	33,998,561	39,162,779	(5,164,218)	(13.19)
19 GAS - Generation (1)	1,209,785	1,139,959	69,826	6.13	20,712,608	19,629,961	1,082,647	5.52
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>6,052,969</u>	<u>5,314,815</u>	<u>738,154</u>	<u>13.89</u>	<u>54,716,802</u>	<u>58,792,740</u>	<u>(4,075,938)</u>	<u>(6.93)</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	72.46	69.49	2.97	4.27	50.68	55.70	(5.02)	(9.01)
24 GAS	27.19	30.14	(2.95)	(9.79)	49.02	44.02	5.00	11.36
25 LANDFILL GAS	0.35	0.37	(0.02)	(5.41)	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>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</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)	60.51	63.22	(2.71)	(4.29)	63.27	79.42	(16.15)	(20.33)
29 COAL (\$/TON)	68.45	67.83	0.62	0.91	76.37	78.52	(2.15)	(2.74)
30 GAS (\$/MCF) (1)	4.77	5.37	(0.60)	(11.17)	3.36	4.71	(1.35)	(28.66)
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.	3.10	3.02	0.08	2.65	3.59	3.34	0.25	7.49
33 GAS - Generation (1)	4.64	4.99	(0.35)	(7.01)	3.21	4.50	(1.29)	(28.67)
34 OIL - C.T.	0.00	0.00	0.00	0.00	12.91	0.00	12.91	100.00
35 TOTAL (\$/MMBTU)	<u>3.41</u>	<u>3.44</u>	<u>(0.03)</u>	<u>(0.87)</u>	<u>3.45</u>	<u>3.73</u>	<u>(0.28)</u>	<u>(7.51)</u>
<u>BTU BURNED / KWH</u>								
36 COAL + GAS B.L. + OIL B.L.	11,210	10,859	351	3.23	11,417	10,748	669	6.22
37 GAS - Generation (1)	7,626	7,195	431	5.99	7,314	6,971	343	4.92
38 OIL - C.T.	0	0	0	0.00	19,975	0	19,975	100.00
39 TOTAL (BTU/KWH)	<u>10,247</u>	<u>9,790</u>	<u>457</u>	<u>4.67</u>	<u>9,418</u>	<u>9,102</u>	<u>316</u>	<u>3.47</u>
<u>FUEL COST (¢ / KWH)</u>								
40 COAL + GAS B.L. + OIL B.L.	3.48	3.28	0.20	6.10	4.10	3.59	0.51	14.21
41 GAS	3.54	3.56	(0.02)	(0.56)	2.36	3.14	(0.78)	(24.84)
42 LANDFILL GAS	3.22	3.13	0.09	2.88	3.16	3.08	0.08	2.60
43 OIL - C.T.	0.00	0.00	0.00	0.00	25.79	0.00	25.79	100.00
44 TOTAL (¢/KWH)	<u>3.49</u>	<u>3.36</u>	<u>0.13</u>	<u>3.87</u>	<u>3.25</u>	<u>3.39</u>	<u>(0.14)</u>	<u>(4.13)</u>

Note: (1) Calculations for Line 16, 19, 30, 33, and 37 exclude Gulf's CT in Santa Rosa County because MCF and MMBTU's are not available due to contract specifications.

SCHEDULE A-4

**SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
FOR THE MONTH OF: SEPTEMBER 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	3,455	6.4	100.0	41.3	0	Coal	741	0	0	53,028	1.53	71.56
2			0					Gas-G	56,821	1,021	58,014	281,427	0.00	4.95
3								Gas-S	3,112	1,021	3,178	15,415		4.95
4								Oil-S	262	138,500	1,531	16,566		63.23
5	Crist 5	75	4,271	7.9	100.0	43.3	0	Coal	409	0	0	29,269	0.69	71.56
6			0					Gas-G	43,762	1,021	44,681	216,744	0.00	4.95
7								Gas-S	10,010	1,021	10,220	49,576		4.95
8								Oil-S	185	138,500	1,076	11,642		62.95
9	Crist 6	299	99,790	46.4	83.5	55.0	10,989	Coal	47,327	11,585	1,096,574	3,386,858	3.39	71.56
10			0					Gas-G	0	1,021	0	0	0.00	0.00
11								Gas-S	33,795	1,021	34,504	167,380		4.95
12								Oil-S	162	138,500	941	10,181		62.85
13	Crist 7	475	220,593	64.5	100.0	64.5	10,784	Coal	102,744	11,577	2,378,946	7,352,641	3.33	71.56
14			0					Gas-G	0	1,021	0	0	0.00	0.00
15								Gas-S	353	1,021	361	1,750		4.96
16								Oil-S	129	138,500	749	8,106		62.84
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	152,449	38.1	46.5	96.8	7,262	Gas-G	1,079,035	1,026	1,107,090	5,115,211	3.36	4.74
22	Smith A (2)	32	(7)	0.0	100.0	0.0	0	Oil	0	0	0	0	0.00	0.00
23	Other Generation		3,470									120,435	3.47	0.00
24	Perdido		2,072					Landfill Gas				66,664	3.22	0.00
25	Daniel 1 (1)	255	57,210	31.2	84.0	36.9	11,819	Coal	29,697	11,385	676,171	1,815,561	3.17	61.14
26								Oil-S	451	138,500	2,622	26,241		58.18
27	Daniel 2 (1)	255	52,933	28.8	71.7	40.2	11,984	Coal	33,988	9,332	634,353	2,077,901	3.93	61.14
28								Oil-S	337	138,500	1,958	19,602		58.17
29	Total	2,022	596,236	41.0	77.3	62.8	10,247				6,052,969	20,842,198	3.50	

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	20,838,176	3.49

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

	CURRENT MONTH				PERIOD-TO-DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
<u>LIGHT OIL</u>								
1 PURCHASES :								
2 UNITS (BBL)	597	724	(127)	(17.54)	15,758	6,636	9,122	137.46
3 UNIT COST (\$/BBL)	63.02	65.92	(2.90)	(4.40)	57.33	80.09	(22.76)	(28.42)
4 AMOUNT (\$)	37,621	47,729	(10,108)	(21.18)	903,357	531,500	371,857	69.96
5 BURNED :								
6 UNITS (BBL)	1,526	799	727	90.99	15,491	6,981	8,510	121.90
7 UNIT COST (\$/BBL)	60.51	63.22	(2.71)	(4.29)	63.15	79.42	(16.27)	(20.49)
8 AMOUNT (\$)	92,339	50,511	41,828	82.81	978,269	554,434	423,835	76.44
9 ENDING INVENTORY :								
10 UNITS (BBL)	5,168	4,265	903	21.17	5,168	4,265	903	21.17
11 UNIT COST (\$/BBL)	60.12	61.61	(1.49)	(2.42)	60.12	61.61	(1.49)	(2.42)
12 AMOUNT (\$)	310,689	262,757	47,932	18.24	310,689	262,757	47,932	18.24
13 DAYS SUPPLY	N/A	N/A						
<u>COAL</u>								
14 PURCHASES :								
15 UNITS (TONS)	234,133	180,500	53,633	29.71	1,206,184	1,521,192	(315,008)	(20.71)
16 UNIT COST (\$/TON)	62.04	65.09	(3.05)	(4.69)	75.27	70.37	4.90	6.96
17 AMOUNT (\$)	14,525,536	11,748,965	2,776,571	23.63	90,791,345	107,043,950	(16,252,605)	(15.18)
18 BURNED :								
19 UNITS (TONS)	214,906	144,521	70,385	48.70	1,557,450	1,590,561	(33,111)	(2.08)
20 UNIT COST (\$/TON)	68.47	69.46	(0.99)	(1.43)	76.39	75.61	0.78	1.03
21 AMOUNT (\$)	14,715,258	10,038,042	4,677,216	46.59	118,975,756	120,262,735	(1,286,979)	(1.07)
22 ENDING INVENTORY :								
23 UNITS (TONS)	347,781	391,140	(43,359)	(11.09)	347,781	391,140	(43,359)	(11.09)
24 UNIT COST (\$/TON)	67.26	67.90	(0.64)	(0.94)	67.26	67.90	(0.64)	(0.94)
25 AMOUNT (\$)	23,392,545	26,556,788	(3,164,243)	(11.92)	23,392,545	26,556,788	(3,164,243)	(11.92)
26 DAYS SUPPLY	22	25	(3)	(12.00)				
<u>GAS</u> (Reported on a MMBTU and \$ basis)								
27 PURCHASES :								
28 UNITS (MMBTU)	1,258,048	1,139,959	118,089	10.36	20,999,881	19,729,961	1,269,920	6.44
29 UNIT COST (\$/MMBTU)	5.12	4.99	0.13	2.61	3.36	4.57	(1.21)	(26.48)
30 AMOUNT (\$)	6,436,398	5,685,103	751,295	13.22	70,626,853	90,213,495	(19,586,642)	(21.71)
31 BURNED :								
32 UNITS (MMBTU)	1,258,048	1,139,959	118,089	10.36	20,881,342	19,729,961	1,151,381	5.84
33 UNIT COST (\$/MMBTU)	4.65	4.99	(0.34)	(6.81)	3.29	4.57	(1.28)	(28.01)
34 AMOUNT (\$)	5,847,425	5,685,103	162,322	2.86	68,771,561	90,213,495	(21,441,934)	(23.77)
35 ENDING INVENTORY :								
36 UNITS (MMBTU)	786,974	0	786,974	100.00	786,974	0	786,974	100.00
37 UNIT COST (\$/MMBTU)	4.62	0.00	4.62	100.00	4.62	0.00	4.62	100.00
38 AMOUNT (\$)	3,636,088	0	3,636,088	100.00	3,636,088	0	3,636,088	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: SEPTEMBER 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	¢ / KWH		TOTAL \$ FOR FUEL ADJ.	(5) x (6)(a) TOTAL COST
					(a) FUEL COST	(b) TOTAL COST		
<i>ESTIMATED</i>								
1	Southern Company Interchange	131,745,000	0	131,745,000	2.23	2.61	2,943,000	3,436,000
2	Various Economy Sales	7,503,000	0	7,503,000	2.37	2.71	178,000	203,000
3	Gain on Econ. Sales	0	0	0	0.00	0.00	53,000	53,000
4	TOTAL ESTIMATED SALES	139,248,000	0	139,248,000	2.28	2.65	3,174,000	3,692,000
<i>ACTUAL</i>								
5	Southern Company Interchange	139,524,251	0	139,524,251	2.73	2.97	3,807,048	4,142,760
6	A.E.C. External	290,707	0	290,707	2.94	3.64	8,555	10,586
7	AECI External	0	0	0	0.00	0.00	44	0
8	CARGILE External	304,949	0	304,949	3.13	5.10	9,542	15,548
9	DUKE PWR External	0	0	0	0.00	0.00	0	0
10	EAGLE EN External	175,853	0	175,853	2.70	3.47	4,753	6,105
11	ENDURE External	94,636	0	94,636	3.62	5.49	3,426	5,195
12	EXELON External	177,337	0	177,337	2.84	3.37	5,032	5,985
13	FPC External	35,158	0	35,158	3.11	5.03	1,094	1,769
14	FPL External	160,400	0	160,400	3.26	4.40	5,234	7,057
15	FPLEPM External	17,456	0	17,456	2.00	3.00	349	524
16	JPMVEC External	0	0	0	0.00	0.00	0	0
17	MERCURIA External	91,682	0	91,682	2.39	2.77	2,192	2,535
18	MISO External	467,971	0	467,971	3.04	4.25	14,214	19,883
19	MORGAN External	351,527	0	351,527	2.78	3.75	9,758	13,190
20	NCEMC External	3,208	0	3,208	3.96	4.70	127	151
21	NCMPA01 External	0	0	0	0.00	0.00	0	0
22	NOBLEAGP External	0	0	0	0.00	0.00	0	0
23	OPC External	21,814	0	21,814	3.65	5.45	796	1,188
24	ORLANDO External	217,243	0	217,243	3.28	4.83	7,131	10,504
25	PJM External	444,370	0	444,370	3.42	6.16	15,205	27,357
26	REMC External	0	0	0	0.00	0.00	0	0
27	SCE&G External	1,829,612	0	1,829,612	2.46	3.07	45,049	56,095
28	SEC External	122,416	0	122,416	3.64	5.81	4,452	7,114
29	SEPA External	1,441,463	0	1,441,463	2.95	3.92	42,510	56,492
30	TAL External	262,415	0	262,415	2.21	3.15	5,798	8,255
31	TEA External	866,978	0	866,978	2.42	3.11	20,978	26,954
32	TECO External	141,536	0	141,536	3.07	4.21	4,338	5,962
33	TENASKA External	0	0	0	0.00	0.00	0	0
34	TVA External	877,706	0	877,706	3.49	4.62	30,618	40,522
35	WRI External	267,166	0	267,166	3.27	4.81	8,743	12,860
36	Less: Flow-Thru Energy	(7,178,649)	0	(7,178,649)	2.93	2.93	(210,464)	(210,464)
37	SEPA	884,000	884,000	0	0.00	0.00	0	0
38	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	37,649	37,649
39	Other transactions including adj.	<u>234,882,423</u>	<u>98,202,473</u>	<u>136,679,950</u>	0.00	0.00	0	0
39	TOTAL ACTUAL SALES	376,775,628	99,086,473	277,689,155	1.03	1.13	3,884,172	4,274,125
40	Difference in Amount	237,527,628	99,086,473	138,441,155	(1.25)	(1.52)	710,172	582,125
41	Difference in Percent	170.58	0.00	99.42	(54.82)	(57.36)	22.37	15.77

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: SEPTEMBER 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	2,622,632,000	0	2,622,632,000	2.37	2.77	62,161,000	72,690,000
2	Various Economy Sales	83,577,000	0	83,577,000	2.30	2.75	1,920,000	2,298,000
3	Gain on Econ. Sales	0	0	0	0.00	0.00	443,000	443,000
4	TOTAL ESTIMATED SALES	<u>2,706,209,000</u>	<u>0</u>	<u>2,706,209,000</u>	<u>2.38</u>	<u>2.79</u>	<u>64,524,000</u>	<u>75,431,000</u>
<i>ACTUAL</i>								
5	Southern Company Interchange	2,196,762,268	0	2,196,762,268	2.38	2.69	52,286,995	58,993,148
6	A.E.C. External	1,602,518	0	1,602,518	2.40	3.14	38,472	50,381
7	AECI External	0	0	0	0.00	0.00	46	0
8	CARGILE External	2,021,525	0	2,021,525	4.18	3.58	84,491	72,294
9	DUKE PWR External	297,381	0	297,381	2.74	4.69	8,146	13,935
10	EAGLE EN External	2,132,637	0	2,132,637	2.13	3.00	45,473	64,066
11	ENDURE External	156,872	0	156,872	3.37	5.03	5,280	7,883
12	EXELON External	1,250,198	0	1,250,198	3.62	3.28	45,274	41,032
13	FPC External	701,638	0	701,638	2.84	4.75	19,927	33,343
14	FPL External	7,595,141	0	7,595,141	2.85	4.31	216,261	327,456
15	FPLEPM External	95,344	0	95,344	2.32	3.35	2,215	3,191
16	JPMVEC External	226,163	0	226,162	0.00	3.70	0	8,373
17	MERCURIA External	170,722	0	170,722	6.42	2.76	10,966	4,704
18	MISO External	11,326,993	0	11,326,993	1.58	2.24	179,159	254,177
19	MORGAN External	4,520,583	0	4,520,583	1.88	2.74	84,793	123,762
20	NCEMC External	415,347	0	415,347	2.30	2.64	9,538	10,958
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	484,406	0	484,406	2.45	3.83	11,886	18,576
24	ORLANDO External	3,158,568	0	3,158,568	2.77	4.09	87,600	129,299
25	PJM External	9,830,037	0	9,830,037	1.73	2.91	170,375	285,939
26	REMC External	4,301	0	4,301	2.55	4.50	110	194
27	SCE&G External	9,065,120	0	9,065,120	2.22	2.76	201,305	249,933
28	SEC External	1,318,851	0	1,318,851	2.73	3.92	36,034	51,707
29	SEPA External	9,485,976	0	9,485,976	2.36	3.08	223,538	291,957
30	TAL External	435,134	0	435,134	2.33	3.37	10,150	14,660
31	TEA External	11,015,509	0	11,015,509	2.07	2.78	227,615	306,167
32	TECO External	580,576	0	580,576	2.77	3.77	16,068	21,875
33	TENASKA External	8,277	0	8,277	2.88	4.34	239	359
34	TVA External	5,818,641	0	5,818,641	2.89	4.46	168,242	259,787
35	WRI External	2,330,353	0	2,330,353	2.73	2.51	63,721	58,398
36	Less: Flow-Thru Energy	(77,498,492)	0	(77,498,492)	2.19	2.19	(1,697,910)	(1,697,910)
37	SEPA	13,402,000	13,402,000	0	0.00	0.00	0	0
38	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	355,205	355,206
39	Other transactions including adj.	<u>2,220,346.075</u>	<u>1,071,207.349</u>	<u>1,149,138.726</u>	0.00	0.00	<u>0</u>	<u>0</u>
40	TOTAL ACTUAL SALES	4,439,071,891	1,084,609,350	3,354,462,541	1.19	1.35	52,915,460	60,000,099
41	Difference in Amount	1,732,862,891	1,084,609,350	648,253,541	(1.19)	(1.44)	(11,608,540)	(15,430,901)
42	Difference in Percent	64.03	0.00	23.95	(50.00)	(51.61)	(17.99)	(20.46)

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: SEPTEMBER 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: SEPTEMBER 2016

CURRENT MONTH										
(1)	(2)	(3)	(4)	(5)	(6)	¢/KWH		(8)		
PURCHASED FROM:	SCHEDULE AND TYPE	TOTAL KWH PURCHASED	UTILITIES FOR OTHER	INTERRUPTIBLE FOR	FIRM FOR KWH	FUEL COST (A)	TOTAL COST (B)	TOTAL \$ FOR FUEL ADJ.		
1 Total Payment to Qualified Facilities		11,826,000	0	0	0	2.93	2.93	346,000		
<i>ESTIMATED</i>										
2 Bay County/Engen, LLC	Contract	4,646,000	0	0	0	3.52	3.52	163,466		
3 Renewable Energy Customers	COG 1	0	0	0	0	0.00	0.00	0		
4 Ascend Performance Materials	COG 1	10,054,000	0	0	0	2.86	2.86	287,497		
5 International Paper	COG 1	108,000	0	0	0	2.93	2.93	3,162		
6 TOTAL		14,808,000	0	0	0	3.07	3.07	454,125		
7 Difference in Amount		2,982,000				0.14	0.14	108,125		
8 Difference in Percent		25.22				4.78	4.78	31.25		
PERIOD-TO-DATE										
(1)	(2)	(3)	(4)	(5)	(6)	¢/KWH		(8)		
PURCHASED FROM:	SCHEDULE AND TYPE	TOTAL KWH PURCHASED	UTILITIES FOR OTHER	INTERRUPTIBLE FOR	FIRM FOR KWH	FUEL COST (A)	TOTAL COST (B)	TOTAL \$ FOR FUEL ADJ.		
1 Total Payment to Qualified Facilities		141,406,000	0	0	0	2.77	2.77	3,914,000		
<i>ESTIMATED</i>										
2 Bay County/Engen, LLC	Contract	41,954,000	0	0	0	3.52	3.52	1,476,069		
3 Renewable Energy Customers	COG 1	0	0	0	0	0.00	0.00	97		
4 Ascend Performance Materials	COG 1	117,466,000	0	0	0	2.42	2.42	2,837,161		
5 International Paper	COG 1	229,000	0	0	0	2.45	2.45	5,615		
6 TOTAL		159,649,000	0	0	0	2.71	2.71	4,318,941		
7 Difference in Amount		18,243,000				(0.06)	(0.06)	404,941		
8 Difference in Percent		12.90				(2.17)	(2.17)	10.35		

SCHEDULE A-9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
GULF POWER COMPANY
FOR THE MONTH OF: SEPTEMBER 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	62,590,000	2.76	1,725,000	476,950,000	2.59	12,368,000
2	Economy Energy	4,421,000	2.76	122,000	33,803,000	2.85	962,000
3	Other Purchases	616,113,000	2.45	15,100,000	4,794,026,000	2.96	141,674,000
4	TOTAL ESTIMATED PURCHASES	<u>683,124,000</u>	2.48	<u>16,947,000</u>	<u>5,304,779,000</u>	2.92	<u>155,004,000</u>
<u>ACTUAL</u>							
5	Southern Company Interchange	135,268,083	2.91	3,941,120	911,032,566	2.52	22,974,080
6	Non-Associated Companies	82,371,416	1.25	1,032,743	577,144,806	0.77	4,430,176
7	Purchased Power & Renewable Agreement Energy	521,144,000	2.88	14,991,861	4,575,443,000	2.44	111,719,500
8	Other Wheeled Energy	157,277,000	0.00	N/A	1,431,268,000	0.00	N/A
9	Other Transactions	27,055,028	0.06	15,689	400,934,511	0.04	147,757
10	Less: Flow-Thru Energy	<u>(7,178,649)</u>	3.20	<u>(229,414)</u>	<u>(77,498,492)</u>	2.44	<u>(1,891,266)</u>
11	TOTAL ACTUAL PURCHASES	<u>915,936,878</u>	2.16	<u>19,751,998</u>	<u>7,818,324,391</u>	1.76	<u>137,380,246</u>
12	Difference in Amount	232,812,878	(0.32)	2,804,998	2,513,545,391	(1.16)	(17,623,754)
13	Difference in Percent	34.08	(12.90)	16.55	47.38	(39.73)	(11.37)

**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	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	7,203,408				65,908,110
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	7,203,408	0	0	0	65,904,849

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	0			
2 Power Purchase Agreements & Other Confidential Agreements				Varies	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 October, 2016 to the following:

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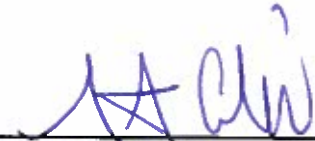
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