



Robert L. McGee, Jr.
Regulatory & Pricing Manager

FILED NOV 21, 2016
DOCUMENT NO. 08903-16
FPSC - COMMISSION CLERK

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November 21, 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 October 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

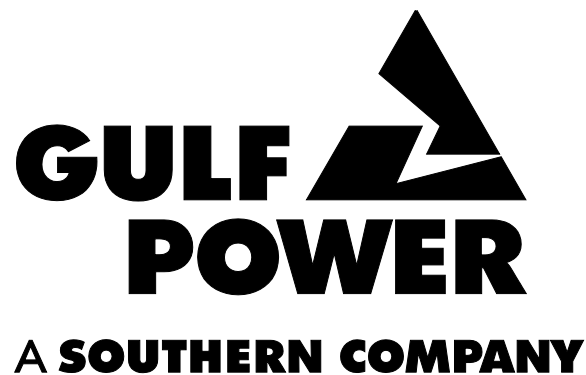
cc w/attachment: Florida Public Service Commission
Michael C. Barrett
Division of Auditing and Safety
Lynn Deamer

**BEFORE THE FLORIDA PUBLIC
SERVICE COMMISSION**

Docket No. 160001-EI

Monthly Fuel Filing

October 2016



SCHEDULE A1a

**GULF POWER COMPANY
 RECAP OF ACTUAL FUEL & PURCHASED POWER COSTS
 SHOWN ON SCHEDULE A-1
 FOR THE MONTH OF: OCTOBER 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	\$ 13,608,333
2	Fuel Related Transactions		0
3	Adjustments to Fuel Cost	Schedule A-2, Line A-7	7,183
4	Hedging Settlement Costs	Schedule A-2, Line A-5	3,226,726
5	Fuel Cost of Purchased Power	Schedule A-7	0
6	Energy Cost of Economy Purchases	Sch. A-9, Col. 4, Line 12	18,524,869
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	558,964
9	Fuel Cost of Power Sold	Sch. A-6, Col. 7, Total Line	<u>(3,064,625)</u>
10	Total Fuel and Net Power Transactions		<u>\$ 32,861,450</u>

**COMPARISON OF ESTIMATED AND ACTUAL
FUEL AND PURCHASED POWER COST RECOVERY FACTOR
GULF POWER COMPANY
OCTOBER 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)	13,608,333	7,602,180	6,006,153	79.01	404,906,000	148,166,000	256,740,000	173.28	3.3609	5.1309	(1.77)	(34.50)
2 Hedging Settlement Costs (A2)	3,226,726	3,719,065	(492,339)	(13.24)	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) **	7,183	0	7,183	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
5 TOTAL COST OF GENERATED POWER	16,842,242	11,321,245	5,520,997	48.77	404,906,000	148,166,000	256,740,000	173.28	4.1595	7.6409	(3.48)	(45.56)
6 Fuel Cost of Purchased Power (Exclusive of Economy) (A7)	-	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
7 Energy Cost of Schedule C & X Econ. Purch.(Broker) (A9)	-	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
8 Energy Cost of Other Econ. Purch. (Nonbroker) (A9)	18,524,869	20,415,000	(1,890,131)	(9.26)	748,055,826	779,965,000	(31,909,174)	(4.09)	2.4764	2.6174	(0.14)	(5.39)
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)	558,964	402,000	156,964	39.05	19,493,000	13,731,000	5,762,000	41.96	2.8675	2.9277	(0.06)	(2.06)
12 TOTAL COST OF PURCHASED POWER	19,083,833	20,817,000	(1,733,167)	(8.33)	767,548,826	793,696,000	(26,147,174)	(3.29)	2.4863	2.6228	(0.14)	(5.20)
13 Total Available MWH (Line 5 + Line 12)	35,926,075	32,138,245	3,787,830	11.79	1,172,454,826	941,862,000	230,592,826	24.48				
14 Fuel Cost of Economy Sales (A6)	(338,814)	(254,000)	(84,814)	33.39	(13,254,879)	(11,913,000)	(1,341,879)	11.26	(2.5561)	(2.1321)	(0.42)	(19.89)
15 Gain on Economy Sales (A6)	(64,299)	(33,000)	(31,299)	94.85	0	0	0	0.00	#N/A	#N/A	#N/A	#N/A
16 Fuel Cost of Other Power Sales (A6)	(2,661,513)	(329,000)	(2,332,513)	708.97	(191,205,947)	(18,108,000)	(173,097,947)	955.92	(1.3920)	(1.8169)	0.42	23.39
TOTAL FUEL COSTS & GAINS OF POWER SALES (LINES 14 + 15 + 16)	(3,064,626)	(616,000)	(2,448,626)	397.50	(204,460,826)	(30,021,000)	(174,439,826)	581.06	(1.4989)	(2.0519)	0.55	26.95
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)	32,861,450	31,522,245	1,339,205	4.25	967,994,000	911,841,000	56,153,000	6.16	3.3948	3.4570	(0.06)	(1.80)
20 Net Unbilled Sales *	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
21 Company Use *	40,650	56,487	(15,837)	(28.04)	1,197,413	1,634,000	(436,587)	(26.72)	3.3948	3.4570	(0.06)	(1.80)
22 T & D Losses *	1,818,733	1,584,378	234,355	14.79	53,574,089	45,831,000	7,743,089	16.89	3.3948	3.4570	(0.06)	(1.80)
23 TERRITORIAL KWH SALES	32,861,450	31,522,245	1,339,205	4.25	913,222,498	864,376,000	48,846,498	5.65	3.5984	3.6468	(0.05)	(1.33)
24 Wholesale KWH Sales	886,043	920,355	(34,312)	(3.73)	24,623,511	25,237,000	son	#VALUE!	3.5984	3.6468	(0.05)	(1.33)
25 Jurisdictional KWH Sales	31,975,407	30,601,890	1,373,517	4.49	888,598,987	839,139,000	49,459,987	5.89	3.5984	3.6468	(0.05)	(1.33)
26 Jurisdictional Loss Multiplier	1.0015	1.0015							1.0015	1.0015		
27 Jurisdictional KWH Sales Adj. for Line Losses	32,023,370	30,647,793	1,375,577	4.49	888,598,987	839,139,000	49,459,987	5.89	3.6038	3.6523	(0.05)	(1.33)
28 TRUE-UP	(1,614,174)	(1,614,174)	0	0.00	888,598,987	839,139,000	49,459,987	5.89	(0.1817)	(0.1924)	0.01	(5.56)
29 TOTAL JURISDICTIONAL FUEL COST	30,409,196	29,033,619	1,375,577	4.74	888,598,987	839,139,000	49,459,987	5.89	3.4221	3.4599	(0.04)	(1.09)
30 Revenue Tax Factor									1.00072	1.00072		
31 Fuel Factor Adjusted for Revenue Taxes									3.4246	3.4624	(0.04)	(1.09)
32 GPIF Reward / (Penalty)	220,693	220,693	0	0.00	888,598,987	839,139,000	49,459,987	5.89	0.0248	0.0263	(0.00)	(5.70)
33 Fuel Factor Adjusted for GPIF Reward / (Penalty)									3.4494	3.4887	(0.04)	(1.13)
34 FUEL FACTOR ROUNDED TO NEAREST .001(CENTS/KWH)									3.449	3.489		

* 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
OCTOBER 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>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)	204,478,060	229,403,179	(24,925,119)	(10.87)	6,282,102,000	6,691,000,000	(408,898,000)	(6.11)	3.2549	3.4285	(0.17)	(5.06)
2 Hedging Settlement Costs (A2)	47,885,320	15,741,919	32,143,401	204.19	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) **	8,614	0	8,614	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
5 TOTAL COST OF GENERATED POWER	252,371,994	245,145,098	7,226,896	2.95	6,282,102,000	6,691,000,000	(408,898,000)	(6.11)	4.0173	3.6638	0.35	9.65
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)	155,905,116	175,419,000	(19,513,884)	(11.12)	8,566,380,217	6,084,744,000	2,481,636,217	40.78	1.8200	2.8829	(1.06)	(36.87)
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)	4,877,905	4,316,000	561,905	13.02	179,142,000	155,137,000	24,005,000	15.47	2.7229	2.7821	(0.06)	(2.13)
12 TOTAL COST OF PURCHASED POWER	160,783,021	179,735,000	(18,951,979)	(10.54)	8,745,522,217	6,239,881,000	2,505,641,217	40.16	1.8385	2.8804	(1.04)	(36.17)
13 Total Available MWH (Line 5 + Line 12)	413,155,015	424,880,098	(11,725,083)	(2.76)	15,027,624,217	12,930,881,000	2,096,743,217	16.22				
14 Fuel Cost of Economy Sales (A6)	(2,309,983)	(2,174,000)	(135,983)	6.25	(99,314,919)	(95,490,000)	(3,824,919)	4.01	(2.3259)	(2.2767)	(0.05)	(2.16)
15 Gain on Economy Sales (A6)	(419,504)	(476,000)	56,496	(11.87)	0	0	0	0.00	#N/A	#N/A	#N/A	#N/A
16 Fuel Cost of Other Power Sales (A6)	(53,250,598)	(62,490,000)	9,239,402	(14.79)	(4,544,217,798)	(2,640,740,000)	(1,903,477,798)	72.08	(1.1718)	(2.3664)	1.19	50.48
TOTAL FUEL COSTS & GAINS OF POWER SALES (LINES 14 + 15 + 16)	(55,980,085)	(65,140,000)	9,159,915	(14.06)	(4,643,532,717)	(2,736,230,000)	(1,907,302,717)	69.71	(1.2055)	(2.3806)	1.18	49.36
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)	357,174,929	359,740,098	(2,565,169)	(0.71)	10,384,091,500	10,194,651,000	189,440,500	1.86	3.4396	3.5287	(0.09)	(2.53)
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 *	439,437	610,606	(171,169)	(28.03)	12,775,821	17,304,000	(4,528,179)	(26.17)	3.4396	3.5287	(0.09)	(2.53)
22 T & D Losses *	17,766,259	17,543,567	222,692	1.27	516,521,084	497,168,000	19,353,084	3.89	3.4396	3.5287	(0.09)	(2.53)
23 TERRITORIAL KWH SALES	357,174,929	359,740,098	(2,565,169)	(0.71)	9,854,794,595	9,680,179,000	174,615,595	1.80	3.6244	3.7163	(0.09)	(2.47)
24 Wholesale KWH Sales	9,750,926	10,388,977	(638,051)	(6.14)	269,192,984	279,019,000	(9,826,019)	(3.52)	3.6223	3.7234	(0.10)	(2.72)
25 Jurisdictional KWH Sales	347,424,003	349,351,121	(1,927,118)	(0.55)	9,585,601,614	9,401,160,000	184,441,614	1.96	3.6244	3.7160	(0.09)	(2.47)
26 Jurisdictional Loss Multiplier	1.0015	1.0015							1.0015	1.0015		
27 Jurisdictional KWH Sales Adj. for Line Losses	347,945,140	349,875,147	(1,930,007)	(0.55)	9,585,601,614	9,401,160,000	184,441,614	1.96	3.6299	3.7216	(0.09)	(2.46)
28 TRUE-UP	(16,141,739)	(16,141,739)	0	0.00	9,585,601,614	9,401,160,000	184,441,614	1.96	(0.1684)	(0.1717)	0.00	(1.92)
29 TOTAL JURISDICTIONAL FUEL COST	331,803,401	333,733,408	(1,930,007)	(0.58)	9,585,601,614	9,401,160,000	184,441,614	1.96	3.4615	3.5499	(0.09)	(2.49)
30 Revenue Tax Factor									1.00072	1.00072		
31 Fuel Factor Adjusted for Revenue Taxes									3.4640	3.5525	(0.09)	(2.49)
32 GPIF Reward / (Penalty)	2,206,926	2,206,926	0	0.00	9,585,601,614	9,401,160,000	184,441,614	1.96	0.0230	0.0235	(0.00)	(2.13)
33 Fuel Factor Adjusted for GPIF Reward / (Penalty)									3.4870	3.5760	(0.09)	(2.49)
34 FUEL FACTOR ROUNDED TO NEAREST .001(CENTS/KWH)									3.487	3.576		

* 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: OCTOBER 2016**

	CURRENT MONTH				PERIOD - TO - DATE			
	ACTUAL	\$ ESTIMATED	DIFFERENCE AMOUNT (\$)	%	ACTUAL	\$ ESTIMATED	DIFFERENCE AMOUNT (\$)	%
A. Fuel Cost & Net Power Transactions								
1 Fuel Cost of System Net Generation	13,421,164.19	7,425,546	5,995,618.19	80.74	202,733,258.43	227,068,707	(24,335,448.57)	(10.72)
1a Other Generation	187,169.24	176,634	10,535.24	5.96	1,744,801.77	2,334,472	(589,670.23)	(25.26)
2 Fuel Cost of Power Sold	(3,064,625.30)	(616,000)	(2,448,625.30)	(397.50)	(55,980,084.84)	(65,140,000)	9,159,915.16	14.06
3 Fuel Cost - Purchased Power	18,524,869.01	20,415,000	(1,890,130.99)	(9.26)	155,905,115.36	175,419,000	(19,513,884.64)	(11.12)
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	558,964.49	402,000	156,964.49	39.05	4,877,905.74	4,316,000	561,905.74	13.02
4 Energy Cost - Economy Purchases	0.00	0	0.00	0.00	0.00	0	0.00	0.00
5 Hedging Settlement Cost	3,226,726.00	3,719,065	(492,339.00)	(13.24)	47,885,320.00	15,741,919	32,143,401.00	204.19
6 Total Fuel & Net Power Transactions	32,854,267.63	31,522,245	1,332,022.63	4.23	357,166,316.46	359,740,098	(2,573,781.54)	(0.72)
7 Adjustments To Fuel Cost*	7,182.56	0	7,182.56	100.00	8,612.57	0	8,612.57	100.00
8 Adj. Total Fuel & Net Power Transactions	32,861,450.19	31,522,245	1,339,205.19	4.25	357,174,929.03	359,740,098	(2,565,168.97)	(0.71)
B. KWH Sales								
1 Jurisdictional Sales	888,598,987	839,139,000	49,459,987	5.89	9,585,601,614	9,401,160,000	184,441,614	1.96
2 Non-Jurisdictional Sales	24,623,511	25,237,000	(613,489)	(2.43)	269,192,981	279,019,000	(9,826,019)	(3.52)
3 Total Territorial Sales	913,222,498	864,376,000	48,846,498	5.65	9,854,794,595	9,680,179,000	174,615,595	1.80
4 Juris. Sales as % of Total Terr. Sales	97.3037	97.0803	0.2234	0.23	97.2684	97.1176	0.1508	0.16

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

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

	CURRENT MONTH				PERIOD - TO - DATE			
	ACTUAL	\$ ESTIMATED	DIFFERENCE AMOUNT (\$)	%	ACTUAL	\$ ESTIMATED	DIFFERENCE AMOUNT (\$)	%
C. True-up Calculation								
1 Jurisdictional Fuel Revenue	32,306,584.25	30,604,021	1,702,563.06	5.56	352,275,776.47	342,867,272	9,408,504.09	2.74
2 Fuel Adj. Revs. Not Applicable to Period:								
2a True-Up Provision	1,614,174.00	1,614,174	0.00	0.00	16,141,739.00	16,141,739	0.00	0.00
2b Incentive Provision	(220,534.00)	(220,534)	0.00	0.00	(2,205,339.00)	(2,205,339)	0.00	0.00
3 Juris. Fuel Revenue Applicable to Period	33,700,224.25	31,997,661	1,702,563.25	5.32	366,212,176.47	356,803,672	9,408,504.47	2.64
Adjusted Total Fuel & Net Power								
4 Transactions (Line A8)	32,861,450.19	31,522,245	1,339,205.19	4.25	357,174,928.26	359,740,098	(2,565,169.74)	(0.71)
5 Juris. Sales % of Total KWH Sales (Line B4)	97.3037	97.0803	0.2234	0.23	97.2684	97.1176	0.1508	0.16
Juris. Total Fuel & Net Power Transactions								
6 Adj. for Line Losses (C4*C5*1.0015)	32,023,370.02	30,647,793	1,375,577.02	4.49	347,945,139.85	349,875,147	(1,930,007.15)	(0.55)
True-Up Provision for the Month								
7 Over/(Under) Collection (C3-C6)	1,676,854.23	1,349,868	326,986.23	(24.22)	18,267,036.62	6,928,526	11,338,510.62	(163.65)
8 Interest Provision for the Month	8,048.06	4,127	3,921.06	(95.01)	64,034.23	33,757	30,277.23	(89.69)
9 Beginning True-Up & Interest Provision	20,088,820.94	10,450,810	9,638,010.94	(92.22)	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	(16,141,739.00)	(16,141,739)	0.00	0.00
End of Period - Total Net True-Up, Before								
11 Adjustment (C7+C8+C9+C10)	20,159,549.23	10,190,631	9,968,918.23	(97.82)	20,235,352.92	10,190,631	10,044,721.92	(98.57)
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	20,159,549.23	10,190,631	9,968,918.23	(97.82)	20,159,549.23	10,190,631	9,968,918.23	(97.82)

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

	CURRENT MONTH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT (\$)	%
D. <i>Interest Provision</i>				
1 Beginning True-Up Amount (C9)	20,088,820.94	10,450,810	9,638,010.94	92.22
Ending True-Up Amount				
2 Before Interest (C7+C9+C10)	20,151,501.17	10,186,504	9,964,997.17	97.83
3 Total of Beginning & Ending True-Up Amts.	40,240,322.11	20,637,314	19,603,008.11	94.99
4 Average True-Up Amount	20,120,161.06	10,318,657	9,801,504.06	94.99
Interest Rate				
5 1st Day of Reporting Business Month	0.48	0.48	0.0000	
Interest Rate				
6 1st Day of Subsequent Business Month	0.48	0.48	0.0000	
7 Total (D5+D6)	0.96	0.96	0.0000	
8 Annual Average Interest Rate	0.48	0.48	0.0000	
9 Monthly Average Interest Rate (D8/12)	0.0400	0.0400	0.0000	
10 Interest Provision (D4*D9)	8,048.06	4,127	3,921.06	95.01
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: OCTOBER 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.)	90,416	63,509	26,907	42.37	1,056,191	617,943	438,248	70.92
2 COAL	12,931,136	4,355,077	8,576,059	196.92	131,870,699	131,686,371	184,328	0.14
3 GAS	187,247	2,775,868	(2,588,621)	(93.25)	68,213,988	93,341,513	(25,127,525)	(26.92)
4 GAS (B.L.)	318,096	341,933	(23,837)	(6.97)	2,621,249	3,119,260	(498,011)	(15.97)
5 LANDFILL GAS	72,228	65,793	6,435	9.78	633,982	638,092	(4,110)	(0.64)
6 OIL - C.T.	9,211	0	9,211	100.00	81,951	0	81,951	100.00
7 TOTAL (\$)	<u>13,608,333</u>	<u>7,602,180</u>	<u>6,006,153</u>	<u>79.01</u>	<u>204,478,060</u>	<u>229,403,179</u>	<u>(24,925,119)</u>	<u>(10.87)</u>
<u>SYSTEM NET GEN. (MWH)</u>								
8 LIGHTER OIL	0	0	0	0.00	0	0	0	0.00
9 COAL	397,801	140,346	257,455	183.44	3,375,749	3,784,237	(408,488)	(10.79)
10 GAS	4,887	5,720	(833)	(14.56)	2,886,053	2,886,105	(52)	0.00
11 LANDFILL GAS	2,187	2,100	87	4.14	19,987	20,658	(671)	(3.25)
12 OIL - C.T.	31	0	31	100.00	313	0	313	100.00
13 TOTAL (MWH)	<u>404,906</u>	<u>148,166</u>	<u>256,740</u>	<u>173.28</u>	<u>6,282,102</u>	<u>6,691,000</u>	<u>(408,898)</u>	<u>(6.11)</u>
<u>UNITS OF FUEL BURNED</u>								
14 LIGHTER OIL (BBL)	1,477	987	490	49.65	16,742	7,968	8,774	110.12
15 COAL (TONS)	196,650	34,001	162,649	478.37	1,754,100	1,624,562	129,538	7.97
16 GAS (MCF) (1)	13,618	0	13,618	100.00	20,459,779	19,343,099	1,116,680	5.77
17 OIL - C.T. (BBL)	94	0	94	100.00	1,063	0	1,063	100.00
<u>BTU'S BURNED (MMBTU)</u>								
18 COAL + GAS B.L. + OIL B.L.	4,437,827	1,589,635	2,848,192	179.17	38,436,388	40,752,414	(2,316,026)	(5.68)
19 GAS - Generation (1)	(1)	0	(1)	100.00	20,712,607	19,629,961	1,082,646	5.52
20 OIL - C.T.	548	0	548	100.00	6,181	0	6,181	100.00
21 TOTAL (MMBTU)	<u>4,438,373</u>	<u>1,589,635</u>	<u>2,848,738</u>	<u>179.21</u>	<u>59,155,175</u>	<u>60,382,375</u>	<u>(1,227,200)</u>	<u>(2.03)</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	98.24	94.72	3.52	3.72	53.74	56.56	(2.82)	(4.99)
24 GAS	1.21	3.86	(2.65)	(68.65)	45.94	43.13	2.81	6.52
25 LANDFILL GAS	0.54	1.42	(0.88)	(61.97)	0.32	0.31	0.01	3.23
26 OIL - C.T.	0.01	0.00	0.01	100.00	0.00	0.00	0.00	0.00
27 TOTAL (% MWH)	<u>100.00</u>	<u>100.00</u>	<u>0.00</u>	<u>0.00</u>	<u>100.00</u>	<u>100.00</u>	<u>0.00</u>	<u>0.00</u>
<u>FUEL COST (\$)/ UNIT</u>								
28 LIGHTER OIL (\$/BBL)	61.20	64.35	(3.15)	(4.90)	63.09	77.55	(14.46)	(18.65)
29 COAL (\$/TON)	65.76	56.42	9.34	16.55	75.18	79.56	(4.38)	(5.51)
30 GAS (\$/MCF) (1)	23.36	0.00	23.36	100.00	3.38	4.87	(1.49)	(30.60)
31 OIL - C.T. (\$/BBL)	97.98	0.00	97.98	100.00	77.09	0.00	77.09	100.00
<u>FUEL COST (\$)/ MMBTU</u>								
32 COAL + GAS B.L. + OIL B.L.	3.01	2.99	0.02	0.67	3.53	3.32	0.21	6.33
33 GAS - Generation (1)	(77.96)	#DIV/0!	#DIV/0!	#DIV/0!	3.21	4.64	(1.43)	(30.82)
34 OIL - C.T.	16.82	0.00	16.82	100.00	13.26	0.00	13.26	100.00
35 TOTAL (\$/MMBTU)	<u>3.01</u>	<u>4.63</u>	<u>(1.62)</u>	<u>(34.99)</u>	<u>3.42</u>	<u>3.75</u>	<u>(0.33)</u>	<u>(8.80)</u>
<u>BTU BURNED / KWH</u>								
36 COAL + GAS B.L. + OIL B.L.	11,156	11,327	(171)	(1.51)	11,386	10,769	617	5.73
37 GAS - Generation (1)	0	0	0	0.00	7,317	6,971	346	4.96
38 OIL - C.T.	17,665	0	17,665	100.00	19,746	0	19,746	100.00
39 TOTAL (BTU/KWH)	<u>11,188</u>	<u>11,327</u>	<u>(139)</u>	<u>(1.23)</u>	<u>9,531</u>	<u>9,149</u>	<u>382</u>	<u>4.18</u>
<u>FUEL COST (¢ / KWH)</u>								
40 COAL + GAS B.L. + OIL B.L.	3.35	3.39	(0.04)	(1.18)	4.02	3.58	0.44	12.29
41 GAS	3.83	48.53	(44.70)	(92.11)	2.36	3.23	(0.87)	(26.93)
42 LANDFILL GAS	3.30	3.13	0.17	5.43	3.17	3.09	0.08	2.59
43 OIL - C.T.	29.71	0.00	29.71	100.00	26.18	0.00	26.18	100.00
44 TOTAL (¢/KWH)	<u>3.36</u>	<u>5.13</u>	<u>(1.77)</u>	<u>(34.50)</u>	<u>3.25</u>	<u>3.43</u>	<u>(0.18)</u>	<u>(5.25)</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: OCTOBER 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	(946)	0.0	100.0	0.0	0	Coal	0	0	0	0	0.00	0.00
2			0					Gas-G	(16,031)	1,021	(16,369)	(374,456)	0.00	0.00
3								Gas-S	2,635	1,021	2,692	61,555		23.36
4								Oil-S	0	138,500	0	0		0.00
5	Crist 5	75	(943)	0.0	100.0	0.0	0	Coal	0	0	0	0	0.00	0.00
6			0					Gas-G	16,031	1,021	16,368	374,456	0.00	23.36
7								Gas-S	(2,230)	1,021	(2,277)	(52,082)		0.00
8								Oil-S	0	138,500	0	0		0.00
9	Crist 6	299	125,884	56.6	93.5	60.5	10,941	Coal	57,991	11,875	1,377,286	3,982,158	3.16	68.67
10			0					Gas-G	0	1,021	0	0	0.00	0.00
11								Gas-S	6,613	1,021	6,752	154,461		23.36
12								Oil-S	17	138,500	99	1,067		62.75
13	Crist 7	475	175,148	49.6	77.7	62.8	10,786	Coal	80,306	11,762	1,889,124	5,514,514	3.15	68.67
14			0					Gas-G	0	1,021	0	0	0.00	0.00
15								Gas-S	6,600	1,021	6,738	154,162		23.36
16								Oil-S	634	138,500	3,690	39,938		62.99
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	558	(1,064)	0.0	0.0	0.0	0	Gas-G	0	0	0	78	0.00	0.00
22	Smith A (2)	36	31	0.1	100.0	75.5	17,677	Oil	94	138,500	548	9,211	29.71	97.99
23	Other Generation		5,996									187,169	3.12	0.00
24	Perdido		2,187					Landfill Gas				72,228	3.30	0.00
25	Daniel 1 (1)	255	31,270	16.5	99.9	37.8	11,270	Coal	15,667	11,247	352,404	923,187	2.95	58.93
26								Oil-S	621	138,500	3,613	37,153		59.83
27	Daniel 2 (1)	255	67,343	35.5	98.9	35.7	11,828	Coal	42,686	9,330	796,513	son	#VALUE!	#VALUE!
28								Oil-S	205	138,500	1,192	12,258		59.80
29	Total	2,028	404,906	26.8	66.2	34.2	11,188				4,438,373	11,097,056	2.74	

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	11,093,035	2.74

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

	CURRENT MONTH				PERIOD-TO-DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
<u>LIGHT OIL</u>								
1 PURCHASES :								
2 UNITS (BBL)	529	960	(431)	(44.90)	16,287	7,596	8,691	114.42
3 UNIT COST (\$/BBL)	69.17	66.20	2.97	4.49	57.71	78.34	(20.63)	(26.33)
4 AMOUNT (\$)	36,589	63,553	(26,964)	(42.43)	939,946	595,053	344,893	57.96
5 BURNED :								
6 UNITS (BBL)	1,477	987	490	49.65	16,968	7,968	9,000	112.95
7 UNIT COST (\$/BBL)	61.22	6.44	54.78	850.62	62.98	70.38	(7.40)	(10.51)
8 AMOUNT (\$)	90,416	6,359	84,057	1,321.86	1,068,685	560,793	507,892	90.57
9 ENDING INVENTORY :								
10 UNITS (BBL)	4,220	4,238	(18)	(0.42)	4,220	4,238	(18)	(0.42)
11 UNIT COST (\$/BBL)	60.87	75.50	(14.63)	(19.38)	60.87	75.50	(14.63)	(19.38)
12 AMOUNT (\$)	256,863	319,951	(63,088)	(19.72)	256,863	319,951	(63,088)	(19.72)
13 DAYS SUPPLY	N/A	N/A						
<u>COAL</u>								
14 PURCHASES :								
15 UNITS (TONS)	246,545	60,550	185,995	307.18	1,452,729	1,581,742	(129,013)	(8.16)
16 UNIT COST (\$/TON)	60.30	62.95	(2.65)	(4.21)	72.73	70.08	2.65	3.78
17 AMOUNT (\$)	14,865,652	3,811,408	11,054,244	290.03	105,656,997	110,855,358	(5,198,361)	(4.69)
18 BURNED :								
19 UNITS (TONS)	196,650	34,001	162,649	478.37	1,754,100	1,624,562	129,538	7.97
20 UNIT COST (\$/TON)	65.78	66.18	(0.40)	(0.60)	75.20	75.41	(0.21)	(0.28)
21 AMOUNT (\$)	12,935,158	2,250,272	10,684,886	474.83	131,910,914	122,513,007	9,397,907	7.67
22 ENDING INVENTORY :								
23 UNITS (TONS)	397,675	417,689	(20,014)	(4.79)	397,675	417,689	(20,014)	(4.79)
24 UNIT COST (\$/TON)	63.68	67.32	(3.64)	(5.41)	63.68	67.32	(3.64)	(5.41)
25 AMOUNT (\$)	25,323,039	28,117,924	(2,794,885)	(9.94)	25,323,039	28,117,924	(2,794,885)	(9.94)
26 DAYS SUPPLY	25	26	(1)	(3.85)				
<u>GAS</u> (Reported on a MMBTU and \$ basis)								
27 PURCHASES :								
28 UNITS (MMBTU)	13,904	0	13,904	100.00	21,013,785	19,729,961	1,283,824	6.51
29 UNIT COST (\$/MMBTU)	203.77	0.00	203.77	100.00	3.50	4.70	(1.20)	(25.53)
30 AMOUNT (\$)	2,833,254	2,599,234	234,020	9.00	73,460,107	92,812,729	(19,352,622)	(20.85)
31 BURNED :								
32 UNITS (MMBTU)	13,904	0	13,904	100.00	20,895,246	19,729,961	1,165,285	5.91
33 UNIT COST (\$/MMBTU)	22.88	0.00	22.88	100.00	3.31	4.70	(1.39)	(29.57)
34 AMOUNT (\$)	318,096	2,599,234	(2,281,138)	(87.76)	69,089,657	92,812,729	(23,723,072)	(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)	7.82	0.00	7.82	100.00	7.82	0.00	7.82	100.00
38 AMOUNT (\$)	6,151,246	0	6,151,246	100.00	6,151,246	0	6,151,246	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)	94	0	94	100.00	1,063	0	1,063	100.00
45 UNIT COST (\$/BBL)	97.99	0.00	97.99	100.00	101.57	0.00	101.57	100.00
46 AMOUNT (\$)	9,211	0	9,211	100.00	107,973	0	107,973	100.00
47 ENDING INVENTORY :								
48 UNITS (BBL)	7,079	6,749	330	4.89	7,079	6,749	330	4.89
49 UNIT COST (\$/BBL)	97.83	101.49	(3.66)	(3.61)	97.83	101.49	(3.66)	(3.61)
50 AMOUNT (\$)	692,561	684,955	7,606	1.11	692,561	684,955	7,606	1.11
51 HOURS SUPPLY	80	76	4	5.26				

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

CURRENT MONTH

(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)
					(a)	(b)		
SOLD TO	TYPE AND SCHEDULE	TOTAL KWH SOLD	KWH WHEELED FROM OTHER SYSTEMS	KWH FROM OWN GENERATION	FUEL COST	TOTAL COST	(5) x (6)(a) TOTAL \$ FOR FUEL ADJ.	(5) x (6)(b) TOTAL COST \$
<i>ESTIMATED</i>								
1	Southern Company Interchange	18,108,000	0	18,108,000	1.82	2.14	329,000	387,000
2	Various Economy Sales	11,913,000	0	11,913,000	2.13	2.49	254,000	297,000
3	Gain on Econ. Sales	0	0	0	0.00	0.00	33,000	33,000
4	TOTAL ESTIMATED SALES	30,021,000	0	30,021,000	2.05	2.39	616,000	717,000
<i>ACTUAL</i>								
5	Southern Company Interchange	117,870,184	0	117,870,184	2.52	2.76	2,975,299	3,249,156
6	A.E.C. External	259,202	0	259,202	2.80	3.49	7,266	9,045
7	AECI External	0	0	0	0.00	0.00	0	0
8	CARGILE External	711,011	0	711,011	2.44	3.44	17,367	24,470
9	DUKE PWR External	0	0	0	0.00	0.00	0	0
10	EAGLE EN External	1,351,079	0	1,351,079	2.82	3.02	38,053	40,784
11	ENDURE External	121,904	0	121,904	3.22	5.51	3,922	6,717
12	EXELON External	54,536	0	54,536	2.42	3.14	1,322	1,713
13	FPC External	0	0	0	0.00	0.00	0	0
14	FPL External	0	0	0	0.00	0.00	0	0
15	FPLEPM External	0	0	0	0.00	0.00	0	0
16	JPMVEC External	0	0	0	0.00	0.00	0	0
17	MERCURIA External	259,846	0	259,846	2.43	3.10	6,321	8,057
18	MISO External	3,220,796	0	3,220,796	2.54	3.72	81,782	119,887
19	MORGAN External	346,714	0	346,714	2.77	3.53	9,592	12,251
20	NCEMC External	3,849	0	3,849	1.79	2.57	69	99
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	54,536	0	54,536	2.16	2.78	1,176	1,514
24	ORLANDO External	176,313	0	176,313	2.98	3.86	5,247	6,807
25	PJM External	1,478,726	0	1,478,726	2.78	4.70	41,087	69,556
26	REMC External	0	0	0	0.00	0.00	0	0
27	SCE&G External	951,070	0	951,070	2.33	2.79	22,126	26,531
28	SEC External	38,880	0	38,880	3.01	4.00	1,169	1,554
29	SEPA External	1,903,694	0	1,903,694	2.44	3.17	46,359	60,419
30	TAL External	137,619	0	137,619	3.56	4.51	4,905	6,212
31	TEA External	1,323,764	0	1,323,764	2.44	3.08	32,347	40,780
32	TECO External	9,624	0	9,624	2.26	2.80	218	269
33	TENASKA External	0	0	0	0.00	0.00	0	0
34	TVA External	623,564	0	623,564	2.20	2.92	13,747	18,210
35	WRI External	228,152	0	228,152	2.08	2.60	4,738	5,936
36	Less: Flow-Thru Energy	(12,303,809)	0	(12,303,809)	2.55	2.55	(313,786)	(313,786)
37	SEPA	785,000	785,000	0	0.00	0.00	0	0
38	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	64,299	64,299
39	Other transactions including adj.	<u>84,854,572</u>	<u>71,847,683</u>	<u>13,006,889</u>	0.00	0.00	0	0
40	TOTAL ACTUAL SALES	204,460,826	72,632,683	131,828,143	1.50	1.66	3,064,625	3,396,183
40	Difference in Amount	174,439,826	72,632,683	101,807,143	(0.55)	(0.73)	2,448,625	2,679,183
41	Difference in Percent	581.06	0.00	339.12	(26.83)	(30.54)	397.50	373.67

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: OCTOBER 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	2,640,740,000	0	2,640,740,000	2.37	2.77	62,490,000	73,077,000
2	Various Economy Sales	95,490,000	0	95,490,000	2.28	2.72	2,174,000	2,595,000
3	Gain on Econ. Sales	0	0	0	0.00	0.00	476,000	476,000
4	TOTAL ESTIMATED SALES	2,736,230,000	0	2,736,230,000	2.38	2.78	65,140,000	76,148,000
<i>ACTUAL</i>								
5	Southern Company Interchange	2,314,632,452	0	2,314,632,452	2.39	2.69	55,262,294	62,242,304
6	A.E.C. External	1,861,720	0	1,861,720	2.46	3.19	45,738	59,426
7	AECI External	0	0	0	0.00	0.00	46	0
8	CARGILE External	2,732,536	0	2,732,536	3.73	3.54	101,858	96,764
9	DUKE PWR External	297,381	0	297,381	2.74	4.69	8,146	13,935
10	EAGLE EN External	3,483,716	0	3,483,716	2.40	3.01	83,526	104,851
11	ENDURE External	278,776	0	278,776	3.30	5.24	9,203	14,601
12	EXELON External	1,304,734	0	1,304,734	3.57	3.28	46,596	42,744
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	430,568	0	430,568	4.01	2.96	17,287	12,762
18	MISO External	14,547,789	0	14,547,789	1.79	2.57	260,941	374,064
19	MORGAN External	4,867,297	0	4,867,297	1.94	2.79	94,385	136,013
20	NCEMC External	419,196	0	419,196	2.29	2.64	9,607	11,056
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	538,942	0	538,942	2.42	3.73	13,062	20,090
24	ORLANDO External	3,334,881	0	3,334,881	2.78	4.08	92,848	136,105
25	PJM External	11,308,763	0	11,308,763	1.87	3.14	211,463	355,495
26	REMC External	4,301	0	4,301	2.55	4.50	110	194
27	SCE&G External	10,016,190	0	10,016,190	2.23	2.76	223,431	276,465
28	SEC External	1,357,731	0	1,357,731	2.74	3.92	37,203	53,261
29	SEPA External	11,389,670	0	11,389,670	2.37	3.09	269,897	352,377
30	TAL External	572,753	0	572,753	2.63	3.64	15,055	20,872
31	TEA External	12,339,273	0	12,339,273	2.11	2.81	259,962	346,947
32	TECO External	590,200	0	590,200	2.76	3.75	16,285	22,145
33	TENASKA External	8,277	0	8,277	2.88	4.34	239	359
34	TVA External	6,442,205	0	6,442,205	2.82	4.32	181,989	277,997
35	WRI External	2,558,505	0	2,558,505	2.68	2.51	68,459	64,333
36	Less: Flow-Thru Energy	(89,802,301)	0	(89,802,301)	2.24	2.24	(2,011,696)	(2,011,696)
37	SEPA	14,187,000	14,187,000	0	0.00	0.00	0	0
38	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	419,504	419,504
39	Other transactions including adj.	<u>2,305,200,647</u>	<u>1,143,055,032</u>	<u>1,162,145,615</u>	0.00	0.00	0	0
40	TOTAL ACTUAL SALES	4,643,532,717	1,157,242,033	3,486,290,684	1.21	1.37	55,980,084	63,396,282
41	Difference in Amount	1,907,302,717	1,157,242,033	750,060,684	(1.17)	(1.41)	(9,159,916)	(12,751,718)
42	Difference in Percent	69.71	0.00	27.41	(49.16)	(50.72)	(14.06)	(16.75)

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: OCTOBER 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: OCTOBER 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		
<i>ESTIMATED</i>									
1	Total Payment to Qualified Facilities	13,731,000	0	0	0	2.93	2.93	402,000	
<i>ACTUAL</i>									
2	Bay County/Engen, LLC	Contract	5,223,000	0	0	0	3.52	3.52	183,767
3	Renewable Energy Customers	COG 1	0	0	0	0	0.00	0.00	44
4	Ascend Performance Materials	COG 1	14,153,000	0	0	0	2.63	2.63	371,998
5	International Paper	COG 1	117,000	0	0	0	2.70	2.70	3,156
6	TOTAL		<u>19,493,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2.87</u>	<u>2.87</u>	<u>558,964</u>
7	Difference in Amount		5,762,000				(0.06)	(0.06)	156,964
8	Difference in Percent		41.96				(2.05)	(2.05)	39.05

PERIOD-TO-DATE									
(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	
PURCHASED FROM:	TYPE AND SCHEDULE	TOTAL KWH PURCHASED	KWH FOR OTHER UTILITIES	KWH FOR INTERRUPTIBLE	KWH FOR FIRM	¢/KWH		TOTAL \$ FOR FUEL ADJ.	
						(A) FUEL COST	(B) TOTAL COST		
<i>ESTIMATED</i>									
1	Total Payment to Qualified Facilities	155,137,000	0	0	0	2.78	2.78	4,316,000	
<i>ACTUAL</i>									
2	Bay County/Engen, LLC	Contract	47,177,000	0	0	0	3.52	3.52	1,659,836
3	Renewable Energy Customers	COG 1	0	0	0	0	0.00	0.00	140
4	Ascend Performance Materials	COG 1	131,619,000	0	0	0	2.44	2.44	3,209,159
5	International Paper	COG 1	346,000	0	0	0	2.53	2.53	8,771
6	TOTAL		<u>179,142,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2.72</u>	<u>2.72</u>	<u>4,877,905</u>
7	Difference in Amount		24,005,000				(0.06)	(0.06)	561,905
8	Difference in Percent		15.47				(2.16)	(2.16)	13.02

SCHEDULE A-9

**ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
GULF POWER COMPANY
FOR THE MONTH OF: OCTOBER 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>ESTIMATED</i>							
1	Southern Company Interchange	285,355,000	2.68	7,640,000	762,305,000	2.62	20,008,000
2	Economy Energy	5,880,000	2.47	145,000	39,683,000	2.79	1,107,000
3	Other Purchases	488,730,000	2.58	12,630,000	5,282,756,000	2.92	154,304,000
4	TOTAL ESTIMATED PURCHASES	<u>779,965,000</u>	2.62	<u>20,415,000</u>	<u>6,084,744,000</u>	2.88	<u>175,419,000</u>
<i>ACTUAL</i>							
5	Southern Company Interchange	155,430,622	2.72	4,232,778	1,066,463,188	2.55	27,206,858
6	Non-Associated Companies	49,559,470	0.62	304,991	626,704,276	0.76	4,735,167
7	Purchased Power & Renewable Agreement Energy	511,416,000	2.80	14,335,427	5,086,859,000	2.48	126,054,927
8	Other Wheeled Energy	32,541,000	0.00	N/A	1,463,809,000	0.00	N/A
9	Other Transactions	11,412,543	(0.05)	(5,631)	412,347,054	0.03	142,126
10	Less: Flow-Thru Energy	<u>(12,303,809)</u>	2.79	<u>(342,696)</u>	<u>(89,802,301)</u>	2.49	<u>(2,233,962)</u>
11	TOTAL ACTUAL PURCHASES	<u>748,055,826</u>	2.48	<u>18,524,869</u>	<u>8,566,380,217</u>	1.82	<u>155,905,116</u>
12	Difference in Amount	(31,909,174)	(0.14)	(1,890,131)	2,481,636,217	(1.06)	(19,513,884)
13	Difference in Percent	(4.09)	(5.34)	(9.26)	40.78	(36.81)	(11.12)

**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	(2,990)			(6,251)
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	7,203,408			73,111,518
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	7,200,418	0	0	73,105,267

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	(18)		
2 Power Purchase Agreements & Other Confidential Agreements				Varies	Varies	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 21st day of November, 2016 to the following:

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