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July 18, 2016



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

Re: Docket No. 160001-EI

Dear Ms. Stauffer:

Attached for official filing in the subject docket on behalf of Gulf Power Company are the revised schedule A-5 for May, 2016 and the following for the month of June 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." with a stylized flourish at the end.

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

June 2016



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

	DOLLARS				KWH				CENTS/KWH			
	ACTUAL	EST'd	DIFFERENCE AMT	%	ACTUAL	EST'd	DIFFERENCE AMT	%	ACTUAL	EST'd	DIFFERENCE AMT	%
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1 Fuel Cost of System Net Generation (A3)	30,373,465	33,091,437	(2,717,972)	(8.21)	846,562,000	951,897,000	(105,335,000)	(11.07)	3.5879	3.4764	0.11	3.21
2 Hedging Settlement Costs (A2)	4,737,258	0	4,737,258	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
3 Coal Car Investment	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
4 Adjustments to Fuel Cost (A2, Page 1) **	20	0	20	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
5 TOTAL COST OF GENERATED POWER	35,110,743	33,091,437	2,019,306	6.10	846,562,000	951,897,000	(105,335,000)	(11.07)	4.1475	3.4764	0.67	19.30
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)	16,141,784	18,079,000	(1,937,216)	(10.72)	884,416,538	546,885,000	337,531,538	61.72	1.8251	3.3058	(1.48)	(44.79)
9 Energy Cost of Schedule E Economy Purch. (A9)	-	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
10 Capacity Cost of Schedule E Economy Purchases	-	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
11 Energy Payments to Qualifying Facilities (A8)	632,540	386,000	246,540	63.87	22,327,000	13,178,000	9,151,000	69.45	2.8331	2.9298	(0.10)	(3.29)
12 TOTAL COST OF PURCHASED POWER	16,774,324	18,465,000	(1,690,676)	(9.16)	906,743,538	560,061,000	346,682,538	61.90	1.8500	3.2970	(1.45)	(43.89)
13 Total Available MWH (Line 5 + Line 12)	51,885,067	51,556,437	328,630	0.64	1,753,305,538	1,511,958,000	241,347,538	15.96				
14 Fuel Cost of Economy Sales (A6)	(206,749)	(201,000)	(5,749)	2.86	(8,395,912)	(7,603,000)	(792,912)	10.43	(2.4625)	(2.6437)	0.18	6.85
15 Gain on Economy Sales (A6)	(36,594)	(72,000)	35,406	(49.18)	0	0	0	0.00	#N/A	#N/A	#N/A	#N/A
16 Fuel Cost of Other Power Sales (A6)	(7,002,577)	(8,306,000)	1,303,423	(15.69)	(546,157,828)	(311,757,000)	(234,400,828)	75.19	(1.2822)	(2.6643)	1.38	51.87
17 TOTAL FUEL COSTS & GAINS OF POWER SALES (LINES 14 + 15 + 16)	(7,245,920)	(8,579,000)	1,333,080	(15.54)	(554,553,538)	(319,360,000)	(235,193,538)	73.65	(1.3066)	(2.6863)	1.38	51.36
18 Net Inadvertent Interchange	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
19 TOTAL FUEL & NET POWER TRANSACTIONS (LINES 5 + 12 + 17)	44,639,147	42,977,437	1,661,710	3.87	1,198,752,000	1,192,598,000	6,154,000	0.52	3.7239	3.6037	0.12	3.33
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	46,681	62,056	(15,375)	(24.78)	1,253,593	1,722,000	(468,407)	(27.20)	3.7238	3.6037	0.12	3.33
22 T & D Losses	2,318,862	2,503,454	(186,592)	(7.45)	62,217,674	69,469,000	(7,251,326)	(10.44)	3.7238	3.6037	0.12	3.33
23 TERRITORIAL KWH SALES	44,639,148	42,977,437	1,661,710	3.87	1,135,280,733	1,121,407,000	13,873,733	1.24	3.9320	3.8325	0.10	2.60
24 Wholesale KWH Sales	1,184,321	1,186,306	(1,985)	(0.17)	30,120,479	30,954,000	(833,521)	(2.69)	3.9319	3.8325	0.10	2.59
25 Jurisdictional KWH Sales	43,454,827	41,791,131	1,663,696	3.98	1,105,160,254	1,090,453,000	14,707,254	1.35	3.9320	3.8325	0.10	2.60
26 Jurisdictional Loss Multiplier	1.0015	1.0015							1.0015	1.0015		
27 Jurisdictional KWH Sales Adj. for Line Losses	43,520,009	41,853,818	1,666,191	3.98	1,105,160,254	1,090,453,000	14,707,254	1.35	3.9379	3.8382	0.10	2.60
28 TRUE-UP	(1,814,174)	(1,814,174)	0	0.00	1,105,160,254	1,090,453,000	14,707,254	1.35	(0.1461)	(0.1460)	0.00	(1.28)
29 TOTAL JURISDICTIONAL FUEL COST	41,905,835	40,239,644	1,666,191	4.14	1,105,160,254	1,090,453,000	14,707,254	1.35	3.7918	3.6902	0.10	2.75
30 Revenue Tax Factor									1.00072	1.00072		
31 Fuel Factor Adjusted for Revenue Taxes									3.7945	3.6929	0.10	2.75
32 GPIF Reward / (Penalty)	228,693	220,693	0	0.00	1,105,160,254	1,090,453,000	14,707,254	1.35	0.0200	0.0202	(0.00)	(0.89)
33 Fuel Factor Adjusted for GPIF Reward / (Penalty)									3.8145	3.7131	0.10	2.73
34 FUEL FACTOR ROUNDED TO NEAREST .001(CENTS/KWH)									3.815	3.713		

* 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: JUNE 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	\$ 30,373,465
2	Fuel Related Transactions		0
3	Adjustments to Fuel Cost	Schedule A-2, Line A-7	20
4	Hedging Settlement Costs	Schedule A-2, Line A-5	4,737,258
5	Fuel Cost of Purchased Power	Schedule A-7	0
6	Energy Cost of Economy Purchases	Sch. A-9, Col. 4, Line 12	16,141,784
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	632,540
9	Fuel Cost of Power Sold	Sch. A-6, Col. 7, Total Line	<u>(7,245,921)</u>
10	Total Fuel and Net Power Transactions		<u>\$ 44,639,146</u>

**COMPARISON OF ESTIMATED AND ACTUAL
FUEL AND PURCHASED POWER COST RECOVERY FACTOR
GULF POWER COMPANY
JUNE 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)	106,314,400	148,880,200	(42,565,800)	(28.59)	3,434,011,000	4,217,995,000	(783,984,000)	(18.59)	3.0959	3.5296	(0.43)	(12.29)
2 Hedging Settlement Costs (A2)	33,679,196	0	33,679,196	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
3 Coal Car Investment	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
4 Adjustments to Fuel Cost (A2, Page 1) **	47	0	47	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
5 TOTAL COST OF GENERATED POWER	139,993,643	148,880,200	(8,886,557)	(5.97)	3,434,011,000	4,217,995,000	(783,984,000)	(18.59)	4.0767	3.5296	0.55	15.50
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)	80,427,071	105,982,000	(25,554,929)	(24.11)	5,122,484,927	3,277,477,000	1,845,007,927	56.29	1.5701	3.2336	(1.66)	(51.44)
9 Energy Cost of Schedule E Economy Purch. (A9)	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
10 Capacity Cost of Schedule E Economy Purchases	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
11 Energy Payments to Qualifying Facilities (A8)	2,903,715	2,876,000	27,715	0.96	113,509,000	105,924,000	7,585,000	7.16	2.5581	2.7152	(0.16)	(5.79)
12 TOTAL COST OF PURCHASED POWER	83,330,766	108,858,000	(25,527,234)	(23.45)	5,235,993,927	3,383,401,000	1,852,592,927	54.78	1.5915	3.2174	(1.63)	(50.53)
13 Total Available MWH (Line 5 + Line 12)	223,324,429	257,738,200	(34,413,771)	(13.35)	8,670,004,927	7,601,396,000	1,068,608,927	14.06				
14 Fuel Cost of Economy Sales (A6)	(978,542)	(1,289,000)	310,458	(24.09)	(51,824,971)	(56,405,000)	4,780,029	(8.47)	(1.8955)	(2.2853)	0.39	17.06
15 Gain on Economy Sales (A6)	(175,951)	(238,000)	62,049	(26.07)	0	0	0	0.00	#N/A	#N/A	#N/A	#N/A
16 Fuel Cost of Other Power Sales (A8)	(30,823,592)	(46,242,000)	15,418,408	(33.34)	(2,900,709,456)	(1,916,596,000)	(1,044,113,456)	54.48	(1.0411)	(2.4127)	1.37	56.85
17 TOTAL FUEL COSTS & GAINS OF POWER SALES (LINES 14 + 15 + 16)	(31,978,085)	(47,769,000)	15,790,915	(33.06)	(3,012,334,427)	(1,973,001,000)	(1,039,333,427)	52.68	(1.0616)	(2.4211)	1.36	56.15
18 Net Inadvertent Interchange	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.00	0.00
19 TOTAL FUEL & NET POWER TRANSACTIONS (LINES 5 + 12 + 17)	191,346,344	209,969,200	(18,622,856)	(8.87)	5,657,670,500	5,628,395,000	29,275,500	0.52	3.3821	3.7305	(0.35)	(9.34)
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 *	257,787	384,615	(126,828)	(32.98)	7,622,106	10,310,000	(2,687,894)	(26.07)	3.3821	3.7305	(0.35)	(9.34)
22 T & D Losses *	9,327,857	9,985,019	(657,162)	(6.58)	275,800,743	267,659,000	8,141,743	3.04	3.3821	3.7305	(0.35)	(9.34)
23 TERRITORIAL KWH SALES	191,346,344	209,969,200	(18,622,856)	(8.87)	5,374,247,651	5,350,426,000	23,821,651	0.45	3.5604	3.9243	(0.36)	(9.27)
24 Wholesale KWH Sales	5,349,701	6,170,101	(820,400)	(13.30)	150,257,267	157,120,000	(6,862,733)	(4.37)	3.5604	3.9270	(0.37)	(9.34)
25 Jurisdictional KWH Sales	185,996,643	203,799,099	(17,802,456)	(8.74)	5,223,990,384	5,193,306,000	30,684,384	0.59	3.5604	3.9243	(0.36)	(9.27)
26 Jurisdictional Loss Multiplier	1.0015	1.0015							1.0015	1.0015		
27 Jurisdictional KWH Sales Adj. for Line Losses	186,275,639	204,104,797	(17,829,158)	(8.74)	5,223,990,384	5,193,306,000	30,684,384	0.59	3.5658	3.9302	(0.36)	(9.27)
28 TRUE-UP	(9,685,043)	(9,685,043)	0	0.00	5,223,990,384	5,193,306,000	30,684,384	0.59	(0.1854)	(0.1865)	0.00	(0.59)
29 TOTAL JURISDICTIONAL FUEL COST	176,590,596	194,419,754	(17,829,158)	(9.17)	5,223,990,384	5,193,306,000	30,684,384	0.59	3.3804	3.7437	(0.36)	(9.70)
30 Revenue Tax Factor									1.00072	1.00072		
31 Fuel Factor Adjusted for Revenue Taxes									3.3828	3.7464	(0.36)	(9.71)
32 GPIF Reward / (Penalty)	1,324,154	1,324,154	0	0.00	5,223,990,384	5,193,306,000	30,684,384	0.59	0.0253	0.0255	(0.00)	(0.78)
33 Fuel Factor Adjusted for GPIF Reward / (Penalty)									3.4081	3.7719	(0.36)	(9.65)
34 FUEL FACTOR ROUNDED TO NEAREST .001(CENTS/KWH)									3.408	3.772		

* 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: JUNE 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	30,161,392.60	32,800,994	(2,619,601.40)	(7.99)	105,251,108.43	147,507,948	(42,256,839.57)	(28.65)
1a Other Generation	192,072.01	290,443	(98,370.99)	(33.87)	1,063,291.49	1,372,252	(308,960.51)	(22.51)
2 Fuel Cost of Power Sold	(7,245,919.54)	(8,579,000)	1,333,080.46	15.54	(31,978,084.60)	(47,769,000)	15,790,915.40	33.06
3 Fuel Cost - Purchased Power	16,141,784.21	18,079,000	(1,937,215.79)	(10.72)	80,427,071.29	105,982,000	(25,554,928.71)	(24.11)
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	632,540.33	386,000	246,540.33	63.87	2,903,715.00	2,876,000	27,715.00	0.96
4 Energy Cost - Economy Purchases	0.00	0	0.00	0.00	0.00	0	0.00	0.00
5 Hedging Settlement Cost	4,737,258.00	0	4,737,258.00	100.00	33,679,196.00	0	33,679,196.00	100.00
6 Total Fuel & Net Power Transactions	44,639,127.61	42,977,437	1,661,690.61	3.87	191,346,297.61	209,969,200	(18,622,902.39)	(8.87)
7 Adjustments To Fuel Cost*	19.95	0	19.95	100.00	46.43	0	46.43	100.00
8 Adj. Total Fuel & Net Power Transactions	44,639,147.56	42,977,437	1,661,710.56	3.87	191,346,344.04	209,969,200	(18,622,855.96)	(8.87)
B. KWH Sales								
1 Jurisdictional Sales	1,105,160,254	1,090,453,000	14,707,254	1.35	5,223,990,384	5,193,306,000	30,684,384	0.59
2 Non-Jurisdictional Sales	30,120,479	30,954,000	(833,521)	(2.69)	150,257,267	157,120,000	(6,862,733)	(4.37)
3 Total Territorial Sales	1,135,280,733	1,121,407,000	13,873,733	1.24	5,374,247,651	5,350,426,000	23,821,651	0.45
4 Juris. Sales as % of Total Terr. Sales	97.3469	97.2397	0.1072	0.11	97.2041	97.0634	0.1407	0.14

*(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: JUNE 2016**

	CURRENT MONTH				PERIOD - TO - DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT (\$)	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT (\$)	%
C. True-up Calculation								
1 Jurisdictional Fuel Revenue	41,860,632.35	39,769,629	2,091,003.34	5.26	187,797,104.47	189,403,719	(1,606,614.23)	(0.85)
2 Fuel Adj. Revs. Not Applicable to Period:								
2a True-Up Provision	1,614,174.00	1,614,174	0.00	0.00	9,685,043.00	9,685,043	0.00	0.00
2b Incentive Provision	(220,534.00)	(220,534)	0.00	0.00	(1,323,203.00)	(1,323,203)	0.00	0.00
3 Juris. Fuel Revenue Applicable to Period	43,254,272.35	41,163,269	2,091,003.35	5.08	196,158,944.47	197,765,559	(1,606,614.53)	(0.81)
Adjusted Total Fuel & Net Power								
4 Transactions (Line A8)	44,639,147.56	42,977,437	1,661,710.56	3.87	191,346,343.27	209,969,200	(18,622,856.73)	(8.87)
5 Juris. Sales % of Total KWH Sales (Line B4)	97.3469	97	0.1072	0.11	97.20	97.0634	0.1407	0.14
Juris. Total Fuel & Net Power Transactions								
6 Adj. for Line Losses (C4*C5*1.0015)	43,520,008.58	41,853,818	1,666,190.58	3.98	186,275,638.96	204,104,797	(17,829,158.04)	(8.74)
True-Up Provision for the Month								
7 Over/(Under) Collection (C3-C6)	(265,736.23)	(690,549)	424,812.77	61.52	9,883,305.51	(6,339,237)	16,222,542.51	255.91
8 Interest Provision for the Month	5,894.66	1,392	4,502.66	(323.47)	35,975.24	21,736	14,239.24	(65.51)
9 Beginning True-Up & Interest Provision	20,078,470.70	5,670,874	14,407,596.70	(254.06)	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	(9,685,043.00)	(9,685,043)	0.00	0.00
End of Period - Total Net True-Up, Before								
11 Adjustment (C7+C8+C9+C10)	18,204,455.13	3,367,543	14,836,912.13	(440.59)	18,280,258.82	3,367,543	14,912,715.82	(442.84)
12 Adjustment			0.00	0.00	(75,803.69)	0	(75,803.69)	100.00
13 End of Period - Total Net True-Up	18,204,455.13	3,367,543	14,836,912.13	(440.59)	18,204,455.13	3,367,543	14,836,912.13	(440.59)



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

	CURRENT MONTH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT (\$)	%
D. Interest Provision				
1 Beginning True-Up Amount (C9)	20,078,470.70	5,670,874	14,407,596.70	254.06
Ending True-Up Amount				
2 Before Interest (C7+C9+C10)	18,198,550.47	3,366,151	14,832,409.47	440.63
3 Total of Beginning & Ending True-Up Amts.	38,277,031.17	9,037,025	29,240,006.17	323.56
4 Average True-Up Amount	19,138,515.59	4,518,513	14,620,002.59	323.56
Interest Rate				
5 1st Day of Reporting Business Month	0.36	0.36	0.0000	
Interest Rate				
6 1st Day of Subsequent Business Month	0.38	0.38	0.0000	
7 Total (D5+D6)	0.74	0.74	0.0000	
8 Annual Average Interest Rate	0.37	0.37	0.0000	
9 Monthly Average Interest Rate (D8/12)	0.0308	0.0308	0.0000	
10 Interest Provision (D4*D9)	5,894.66	1,392	4,502.66	323.47
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: JUNE 2016**

	CURRENT MONTH				PERIOD - TO - DATE			
	ACTUAL	EST.	DIFFERENCE		ACTUAL	EST.	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
<u>FUEL COST-NET GEN.(S)</u>	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1 LIGHTER OIL (B.L.)	89,741	62,655	27,086	43.23	698,235	392,600	305,635	77.85
2 COAL	20,962,788	20,751,584	211,204	1.02	61,865,358	61,785,649	(19,920,291)	(24.36)
3 GAS	9,162,640	11,905,362	(2,742,722)	(23.04)	41,891,733	64,519,181	(22,627,448)	(35.07)
4 GAS (B.L.)	85,609	309,708	(224,099)	(72.36)	1,450,717	1,805,688	(354,971)	(19.66)
5 LANDFILL GAS	64,933	62,128	2,805	4.51	363,010	377,082	(14,072)	(3.73)
6 OIL - C.T.	7,754	0	7,754	100.00	45,346	0	45,346	100.00
7 TOTAL (S)	<u>30,373,465</u>	<u>33,091,437</u>	<u>(2,717,972)</u>	<u>(8.21)</u>	<u>106,314,400</u>	<u>148,890,200</u>	<u>(42,565,800)</u>	<u>(28.59)</u>
<u>SYSTEM NET GEN. (MWH)</u>								
8 LIGHTER OIL	0	0	0	0.00	0	0	0	0.00
9 COAL	491,409	604,191	(112,782)	(18.67)	1,421,816	2,237,900	(816,084)	(36.47)
10 GAS	353,107	345,675	7,432	2.15	2,000,420	1,967,768	32,652	1.66
11 LANDFILL GAS	2,019	2,031	(12)	(0.59)	11,585	12,327	(742)	(6.02)
12 OIL - C.T.	27	0	27	100.00	190	0	190	100.00
13 TOTAL (MWH)	<u>846,562</u>	<u>951,897</u>	<u>(105,335)</u>	<u>(11.07)</u>	<u>3,434,011</u>	<u>4,217,995</u>	<u>(783,984)</u>	<u>(18.59)</u>
<u>UNITS OF FUEL BURNED</u>								
14 LIGHTER OIL (BBL)	1,426	692	734	106.07	10,971	4,396	6,575	149.57
15 COAL (TONS)	260,331	284,096	(23,765)	(8.37)	761,291	1,050,301	(289,010)	(27.52)
16 GAS (MCF) (1)	2,512,138	2,293,606	218,532	9.53	14,079,749	13,078,418	1,001,331	7.66
17 OIL - C.T. (BBL)	76	0	76	100.00	689	0	689	100.00
<u>BTU'S BURNED (MMBTU)</u>								
18 COAL + GAS B.L. + OIL B.L.	5,574,909	6,466,689	(891,780)	(13.79)	16,606,810	24,018,041	(7,411,231)	(30.86)
19 GAS - Generation (1)	2,518,204	2,319,478	198,726	8.57	14,262,287	13,239,986	1,022,301	7.72
20 OIL - C.T.	444	0	444	100.00	4,004	0	4,004	100.00
21 TOTAL (MMBTU)	<u>8,093,557</u>	<u>8,786,167</u>	<u>(692,610)</u>	<u>(7.88)</u>	<u>30,873,101</u>	<u>37,258,027</u>	<u>(6,384,926)</u>	<u>(17.14)</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	58.05	63.48	(5.43)	(8.55)	41.40	53.06	(11.66)	(21.98)
24 GAS	41.71	36.31	5.40	14.87	58.25	48.65	11.60	24.87
25 LANDFILL GAS	0.24	0.21	0.03	14.29	0.34	0.29	0.05	17.24
26 OIL - C.T.	0.00	0.00	0.00	0.00	0.01	0.00	0.01	100.00
27 TOTAL (% MWH)	<u>100.00</u>	<u>100.00</u>	<u>0.00</u>	<u>0.00</u>	<u>100.00</u>	<u>100.00</u>	<u>0.00</u>	<u>0.00</u>
<u>FUEL COST (\$)/ UNIT</u>								
28 LIGHTER OIL (S/BBL)	62.95	90.54	(27.59)	(30.47)	63.64	89.31	(25.67)	(28.74)
29 COAL (S/TON)	80.52	73.04	7.48	10.24	81.26	77.87	3.39	4.35
30 GAS (S/MCF) (1)	3.60	5.20	(1.60)	(30.77)	3.00	4.97	(1.97)	(39.64)
31 OIL - C.T. (S/BBL)	102.03	0.00	102.03	100.00	85.81	0.00	85.81	100.00
<u>FUEL COST (\$)/ MMBTU</u>								
32 COAL + GAS B.L. + OIL B.L.	3.79	3.27	0.52	15.90	3.85	3.50	0.35	10.00
33 GAS - Generation (1)	3.56	5.01	(1.45)	(28.94)	2.86	4.77	(1.91)	(40.04)
34 OIL - C.T.	17.45	0.00	17.45	100.00	11.32	0.00	11.32	100.00
35 TOTAL (\$/MMBTU)	<u>3.72</u>	<u>3.73</u>	<u>(0.01)</u>	<u>(0.27)</u>	<u>3.40</u>	<u>3.95</u>	<u>(0.55)</u>	<u>(13.92)</u>
<u>BTU BURNED / KWH</u>								
36 COAL + GAS B.L. + OIL B.L.	11,345	10,703	642	6.00	11,680	10,732	948	8.83
37 GAS - Generation (1)	7,257	6,875	382	5.56	7,255	6,865	390	5.68
38 OIL - C.T.	16,461	0	16,461	100.00	21,075	0	21,075	100.00
39 TOTAL (BTU/KWH)	<u>9,653</u>	<u>9,331</u>	<u>322</u>	<u>3.45</u>	<u>9,113</u>	<u>8,942</u>	<u>171</u>	<u>1.91</u>
<u>FUEL COST (¢ / KWH)</u>								
40 COAL + GAS B.L. + OIL B.L.	4.30	3.50	0.80	22.86	4.50	3.75	0.75	20.00
41 GAS	2.59	3.44	(0.85)	(24.71)	2.09	3.28	(1.19)	(36.28)
42 LANDFILL GAS	3.22	3.06	0.16	5.23	3.13	3.06	0.07	2.29
43 OIL - C.T.	28.72	0.00	28.72	100.00	23.87	0.00	23.87	100.00
44 TOTAL (¢/KWH)	<u>3.59</u>	<u>3.48</u>	<u>0.11</u>	<u>3.16</u>	<u>3.10</u>	<u>3.53</u>	<u>(0.43)</u>	<u>(12.18)</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: JUNE 2016

Line	(a) Plant/Unit	(b) Net Cap. (MW) 2016	(c) Net Gen. (MWH)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (BTU/KWH)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (BTU/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBTU)	(l) Fuel Burned Cost (\$)	(m) Fuel Cost/ KWH (c/KWH)	(n) Fuel Cost/ Unit (\$/Unit)
1	Crist 4	75	15,277	28.3	99.8	54.9	12,634	Coal	8,366	11,535	193,004	711,181	4.66	85.01
2			0					Gas-G	0	1,019	0	0	0.00	0.00
3								Gas-S	988	1,019	1,007	20,396		20.64
4								Oil-S	118	138,500	688	7,887		66.84
5	Crist 5	75	13,975	25.9	100.0	52.1	13,487	Coal	8,157	11,553	188,476	693,414	4.96	85.01
6			0					Gas-G	0	1,019	0	0	0.00	0.00
7								Gas-S	1,289	1,019	1,314	26,611		20.64
8								Oil-S	98	138,500	568	6,505		66.67
9	Crist 6	299	124,529	57.8	99.9	57.8	11,068	Coal	59,920	11,501	1,378,280	5,093,706	4.09	85.01
10			0					Gas-G	0	1,019	0	0	0.00	0.00
11								Gas-S	1,761	1,019	1,794	36,335		20.63
12								Oil-S	523	138,500	3,044	34,892		66.72
13	Crist 7	475	211,370	61.8	98.8	61.8	10,817	Coal	99,198	11,524	2,286,316	8,432,668	3.99	85.01
14			0					Gas-G	12,149	1,019	12,380	250,731	0.00	20.64
15								Gas-S	110	1,019	112	2,267		20.61
16								Oil-S	147	138,500	855	9,786		66.64
17	Smith 1	162	881	0.8	0.0	0.0	0	Coal	0	0	0	0	0.00	0.00
18								Oil-S	0	138,500	0	0		0.00
19	Smith 2	195	898	0.6	0.0	0.0	0	Coal	0	0	0	0	0.00	0.00
20								Oil-S	0	138,500	0	0		0.00
21	Smith 3	558	345,867	86.1	100.0	101.1	7,245	Gas-G	2,495,841	1,004	2,505,824	8,719,837	2.52	3.49
22	Smith A (2)	38	27	0.1	100.0	73.4	16,444	Oil	76	138,500	444	7,754	28.72	102.03
23	Other Generation		6,100									192,072	3.15	0.00
24	Perdido		2,019					Landfill Gas				64,933	3.22	0.00
25	Daniel 1 (1)	255	54,199	29.5	100.0	43.1	12,135	Coal	36,449	9,023	657,729	2,597,729	4.79	71.27
26								Oil-S	405	138,500	2,351	22,980		56.81
27	Daniel 2 (1)	255	71,420	38.9	99.4	39.1	12,022	Coal	48,241	8,899	858,585	3,438,112	4.81	71.27
28								Oil-S	135	138,500	786	7,681		56.90
29	Total	2,385	846,562	49.3	84.7	56.5	9,653				8,093,557	30,377,487	3.59	

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	30,373,465	3.59

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

	CURRENT MONTH				PERIOD-TO-DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
LIGHT OIL								
1 PURCHASES :								
2 UNITS (BBL)	613	692	(79)	(11.42)	10,907	4,396	6,511	148.11
3 UNIT COST (\$/BBL)	65.83	87.11	(21.28)	(24.43)	55.19	87.29	(32.10)	(36.77)
4 AMOUNT (\$)	40,352	60,282	(19,930)	(33.06)	601,956	383,736	218,220	56.87
5 BURNED :								
6 UNITS (BBL)	1,426	692	734	106.07	11,197	4,396	6,801	154.71
7 UNIT COST (\$/BBL)	62.93	90.54	(27.61)	(30.49)	63.47	89.31	(25.84)	(28.93)
8 AMOUNT (\$)	89,741	62,655	27,086	43.23	710,729	392,600	318,129	81.03
9 ENDING INVENTORY :								
10 UNITS (BBL)	4,810	7,166	(2,556)	(35.67)	4,810	7,166	(2,556)	(35.67)
11 UNIT COST (\$/BBL)	60.05	96.28	(36.23)	(37.63)	60.05	96.28	(36.23)	(37.63)
12 AMOUNT (\$)	276,827	689,920	(413,093)	(59.88)	276,827	689,920	(413,093)	(59.88)
13 DAYS SUPPLY	N/A	N/A						
COAL								
14 PURCHASES :								
15 UNITS (TONS)	128,808	256,174	(127,366)	(49.72)	414,045	941,592	(527,547)	(56.03)
16 UNIT COST (\$/TON)	81.89	70.66	11.23	15.89	91.06	73.71	17.35	23.54
17 AMOUNT (\$)	10,548,492	18,101,187	(7,552,695)	(41.72)	37,704,941	69,402,486	(31,697,545)	(45.67)
18 BURNED :								
19 UNITS (TONS)	260,331	284,096	(23,765)	(8.37)	761,291	1,050,301	(289,010)	(27.52)
20 UNIT COST (\$/TON)	80.54	73.04	7.50	10.27	81.30	77.87	3.43	4.40
21 AMOUNT (\$)	20,966,809	20,751,584	215,225	1.04	61,869,486	81,785,649	(19,896,163)	(24.33)
22 ENDING INVENTORY :								
23 UNITS (TONS)	351,800	534,757	(182,957)	(34.21)	351,800	534,757	(182,957)	(34.21)
24 UNIT COST (\$/TON)	77.86	71.35	6.51	9.12	77.86	71.35	6.51	9.12
25 AMOUNT (\$)	27,392,410	38,155,397	(10,762,987)	(28.21)	27,392,410	38,155,397	(10,762,987)	(28.21)
26 DAYS SUPPLY	21	30	(9)	(30.00)				
GAS (Reported on a MMBTU and \$ bas s)								
27 PURCHASES :								
28 UNITS (MMBTU)	2,500,835	2,339,478	161,357	6.90	14,494,492	13,339,986	1,154,506	8.65
29 UNIT COST (\$/MMBTU)	3.71	5.10	(1.39)	(27.25)	2.98	4.87	(1.89)	(38.81)
30 AMOUNT (\$)	9,285,222	11,924,627	(2,639,405)	(22.13)	43,253,805	64,952,617	(21,698,812)	(33.41)
31 BURNED :								
32 UNITS (MMBTU)	2,522,431	2,339,478	182,953	7.82	14,370,953	13,339,986	1,030,967	7.73
33 UNIT COST (\$/MMBTU)	3.59	5.10	(1.51)	(29.61)	2.94	4.87	(1.93)	(39.63)
34 AMOUNT (\$)	9,056,099	11,924,627	(2,868,528)	(24.06)	42,278,692	64,952,617	(22,673,925)	(34.91)
35 ENDING INVENTORY :								
36 UNITS (MMBTU)	791,974	0	791,974	100.00	791,974	0	791,974	100.00
37 UNIT COST (\$/MMBTU)	3.48	0.00	3.48	100.00	3.48	0.00	3.48	100.00
38 AMOUNT (\$)	2,755,909	0	2,755,909	100.00	2,755,909	0	2,755,909	100.00
OTHER - C.T. OIL								
39 PURCHASES :								
40 UNITS (BBL)	0	0	0	0.00	704	0	704	100.00
41 UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	71.70	0.00	72.00	100.00
42 AMOUNT (\$)	0	0	0	0.00	50,474	0	50,474	100.00
43 BURNED :								
44 UNITS (BBL)	76	0	76	100.00	689	0	689	100.00
45 UNIT COST (\$/BBL)	102.03	0.00	102.03	100.00	103.58	0.00	103.58	100.00
46 AMOUNT (\$)	7,754	0	7,754	100.00	71,368	0	71,368	100.00
47 ENDING INVENTORY :								
48 UNITS (BBL)	6,749	7,143	(394)	(5.52)	6,749	7,143	(394)	(5.52)
49 UNIT COST (\$/BBL)	101.49	107.40	(5.91)	(5.50)	101.49	107.40	(5.91)	(5.50)
50 AMOUNT (\$)	684,955	767,181	(82,226)	(10.72)	684,955	767,181	(82,226)	(10.72)
51 DAYS SUPPLY	3	3	0	0.00				

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

CURRENT MONTH								
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)
SOLD TO	TYPE AND SCHEDULE	TOTAL KWH SOLD	KWH WHEELED FROM OTHER SYSTEMS	KWH FROM OWN GENERATION	(a) FUEL COST	(b) TOTAL COST	(5) x (6)(a) TOTAL \$ FOR FUEL ADJ.	(5) x (8)(b) TOTAL COST \$
ESTIMATED								
1	Southern Company Interchange	311,757,000	0	311,757,000	2.68	3.08	8,308,000	9,588,000
2	Various Economy Sales	7,603,000	0	7,603,000	2.64	3.13	201,000	238,000
3	Gain on Econ. Sales	0	0	0	0.00	0.00	72,000	72,000
4	TOTAL ESTIMATED SALES	319,360,000	0	319,360,000	2.69	3.10	8,579,000	9,898,000
ACTUAL								
5	Southern Company Interchange	291,010,154	0	291,010,154	2.47	2.85	7,194,494	8,303,746
6	A E C. External	119,017	0	119,017	2.85	3.57	3,395	4,247
7	AECI External	0	0	0	0.00	0.00	0	0
8	CARGILE External	235,724	0	235,724	2.97	5.39	6,992	12,711
9	DUKE PWR External	0	0	0	0.00	0.00	0	0
10	EAGLE EN External	281,403	0	281,403	2.68	3.75	7,555	10,553
11	ENDURE External	14,116	0	14,116	3.15	4.00	444	585
12	EXELON External	36,891	0	36,891	2.24	2.87	825	1,059
13	FPC External	394,519	0	394,519	2.93	4.54	11,546	17,909
14	FPL External	471,571	0	471,571	3.03	4.63	14,290	21,840
15	JPMVEC External	226,163	1	226,162	2.55	3.70	5,775	8,373
16	MERCURIA External	0	0	0	0.00	0.00	0	0
17	MISO External	688,238	0	688,238	2.12	2.99	14,585	20,549
18	MORGAN External	207,358	0	207,358	2.40	3.25	4,982	6,733
19	NCEMC External	6,416	0	6,416	2.54	3.38	163	217
20	NOBLEAGP External	0	0	0	0.00	0.00	0	0
21	OPC External	6,416	0	6,416	2.65	3.50	170	225
22	ORLANDO External	102,208	0	102,208	3.18	5.31	3,251	5,429
23	PJM External	336,255	0	336,255	2.58	4.09	8,620	13,749
24	SCE&G External	660,661	0	660,661	2.25	2.86	14,885	18,909
25	SEC External	240,659	0	240,659	2.99	4.18	7,206	10,063
26	SEPA External	1,446,931	0	1,446,931	1.93	2.43	27,935	35,180
27	TAL External	9,879	0	9,879	3.51	5.29	347	522
28	TEA External	1,551,741	0	1,551,741	2.20	2.97	34,152	46,027
29	TECO External	118,696	0	118,696	2.86	3.65	3,398	4,331
30	TENASKA External	6,416	0	6,416	3.17	4.80	203	308
31	TVA External	1,200,561	0	1,200,561	2.93	5.09	35,215	61,068
32	WRI External	34,073	0	34,073	2.39	3.27	814	1,113
33	Less: Flow-Thru Energy	(7,735,251)	0	(7,735,251)	2.48	2.48	(191,917)	(191,917)
34	SEPA	851,000	851,000	0	0.00	0.00	0	0
35	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	38,594	36,594
36	Other transactions including adj.	262,031,723	126,957,747	135,073,976	0.00	0.00	0	0
37	TOTAL ACTUAL SALES	554,553,538	127,808,748	426,744,790	1.31	1.52	7,245,920	8,413,508
38	Difference in Amount	235,193,538	127,808,748	107,384,790	(1.38)	(1.58)	(1,333,080)	(1,484,492)
39	Difference in Percent	73.65	0.00	33.62	(51.30)	(50.97)	(15.54)	(15.00)

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 35

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

PERIOD TO DATE								
(1)	(2)	(3)	(4)	(5)	(a)	(b)	(7)	(8)
SOLD TO	TYPE AND SCHEDULE	TOTAL KWH SOLD	KWH WHEELED FROM OTHER SYSTEMS	KWH FROM OWN GENERATION	FUEL COST	c / KWH TOTAL COST	TOTAL \$ FOR FUEL ADJ.	TOTAL COST \$
ESTIMATED								
1	Southern Company Interchange	1,916,596,000	0	1,916,596,000	2.41	2.78	46,242,000	53,304,000
2	Various Economy Sales	56,405,000	0	56,405,000	2.29	2.76	1,289,000	1,558,000
3	Gain on Econ. Sales	0	0	0	0.00	0.00	238,000	238,000
4	TOTAL ESTIMATED SALES	1,973,001,000	0	1,973,001,000	2.42	2.79	47,769,000	55,098,000
ACTUAL								
5	Southern Company Interchange	1,446,571,576	0	1,446,571,576	2.19	2.49	31,649,766	36,087,722
6	A.E.C. External	932,948	0	932,948	2.04	2.82	19,054	26,290
7	AECI External	0	0	0	0.00	0.00	2	0
8	CARGILE External	1,517,880	0	1,517,880	2.33	3.10	35,376	47,059
9	DUKE PWR External	92,069	0	92,069	1.42	2.20	1,310	2,027
10	EAGLE EN External	1,619,375	0	1,619,375	1.95	2.82	31,520	45,605
11	ENDURE External	36,572	0	36,572	2.68	3.74	980	1,367
12	EXELON External	623,367	0	623,367	4.20	2.71	28,159	16,875
13	FPC External	507,889	0	507,889	2.73	4.29	13,854	21,814
14	FPL External	1,203,700	0	1,203,700	2.34	3.71	28,130	44,681
15	JPMVEC External	226,163	1	226,162	2.55	3.70	5,775	8,373
16	MERCURIA External	4,491	0	4,491	32.67	3.20	1,467	144
17	MISO External	9,900,364	0	9,900,364	1.40	2.01	138,908	189,416
18	MORGAN External	3,601,448	0	3,601,448	1.65	2.49	59,569	89,560
19	NCEMC External	373,388	0	373,388	2.19	2.49	8,170	9,295
20	NOBLEAGP External	0	0	0	0.00	0.00	3,880	0
21	OPC External	282,624	0	282,624	1.70	2.45	4,802	6,937
22	ORLANDO External	1,204,830	0	1,204,830	2.22	3.14	28,712	37,877
23	PJM External	8,893,570	0	8,893,570	1.56	2.64	138,799	234,709
24	SCE&G External	5,198,362	0	5,198,362	2.05	2.54	106,431	131,937
25	SEC External	717,748	0	717,748	2.47	3.49	17,705	25,058
26	SEPA External	1,878,142	0	1,878,142	2.09	2.72	39,313	51,119
27	TAL External	89,118	0	89,118	1.84	2.81	1,638	2,506
28	TEA External	7,810,157	0	7,810,157	1.89	2.57	147,947	200,766
29	TECO External	180,030	0	180,030	2.51	3.24	4,526	5,827
30	TENASKA External	8,277	0	8,277	2.88	4.34	239	359
31	TVA External	2,746,216	0	2,746,216	2.32	3.85	83,713	105,800
32	WRI External	1,976,443	0	1,976,443	2.66	2.14	52,561	42,346
33	Less: Flow-Thru Energy	(46,535,286)	0	(46,535,286)	1.78	1.78	(826,174)	(826,174)
34	SEPA	10,507,000	10,507,000	0	0.00	0.00	0	0
35	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	175,951	175,951
36	Other transactions including adj.	1,550,166,166	732,329,452	817,836,714	0.00	0.00	0	0
37	TOTAL ACTUAL SALES	3,012,334,427	742,836,453	2,269,497,974	1.06	1.22	31,978,084	36,619,294
38	Difference in Amount	1,039,333,427	742,836,453	296,496,974	(1.36)	(1.57)	(15,790,916)	(18,478,706)
39	Difference in Percent	52.68	0.00	15.03	(56.20)	(56.27)	(33.06)	(33.54)

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 35

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

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL KWH PURCHASED	(4) KWH FOR OTHER UTILITIES	(5) KWH FOR INTERRUPTIBLE	(6) KWH FOR FIRM	(7) c / KWH		(8) TOTAL \$ FOR FUEL ADJ. (6)x(7)(a)
						(A) FUEL COST	(B) TOTAL COST	

ESTIMATED:

NONE

ACTUAL:

NONE

SCHEDULE A-8

ENERGY PAYMENT TO QUALIFIED FACILITIES
 GULF POWER COMPANY
 FOR THE MONTH OF: JUNE 2016

CURRENT MONTH									
(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	
PURCHASED FROM:	TYPE AND SCHEDULE	TOTAL KWH PURCHASED	KWH FOR OTHER UTILITIES	KWH FOR INTERRUPTIBLE	KWH FOR FIRM	c/KWH		TOTAL \$ FOR FUEL ADJ.	
						(A) FUEL COST	(B) TOTAL COST		
<i>ESTIMATED</i>									
1		13,176,000	0	0	0	2.93	2.93	386,000	
<i>ACTUAL</i>									
2	Bay County/Engen, LLC	Contract	5,408,000	0	0	0	3.52	3.52	190,250
3	Renewable Energy Customers	COG 1	0	0	0	0.00	0.00	46	
4	Ascend Performance Materials	COG 1	16,916,000	0	0	2.61	2.61	442,153	
5	International Paper	COG 1	3,000	0	0	3.03	3.03	91	
6	TOTAL		<u>22,327,000</u>	<u>0</u>	<u>0</u>	<u>2.83</u>	<u>2.83</u>	<u>632,540</u>	
7	Difference in Amount		9,151,000			(0.10)	(0.10)	246,540	
8	Difference in Percent		69.45			(3.41)	(3.41)	63.87	

PERIOD-TO-DATE									
(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	
PURCHASED FROM:	TYPE AND SCHEDULE	TOTAL KWH PURCHASED	KWH FOR OTHER UTILITIES	KWH FOR INTERRUPTIBLE	KWH FOR FIRM	c/KWH		TOTAL \$ FOR FUEL ADJ.	
						(A) FUEL COST	(B) TOTAL COST		
<i>ESTIMATED</i>									
1		105,924,000	0	0	0	2.72	2.72	2,876,000	
<i>ACTUAL</i>									
2	Bay County/Engen, LLC	Contract	27,511,000	0	0	0	3.52	3.52	967,908
3	Renewable Energy Customers	COG 1	0	0	0	0.00	0.00	97	
4	Ascend Performance Materials	COG 1	85,908,000	0	0	2.25	2.25	1,934,064	
5	International Paper	COG 1	90,000	0	0	1.83	1.83	1,647	
6	TOTAL		<u>113,509,000</u>	<u>0</u>	<u>0</u>	<u>2.56</u>	<u>2.56</u>	<u>2,903,715</u>	
7	Difference in Amount		7,585,000			(0.16)	(0.16)	27,715	
8	Difference in Percent		7.16			(5.88)	(5.88)	0.96	

SCHEDULE A-9

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
GULF POWER COMPANY
FOR THE MONTH OF: JUNE 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	12,149,000	3.69	448,000	355,978,000	2.54	9,043,000
2	Economy Energy	3,595,000	3.25	117,000	17,571,000	2.90	509,000
3	Other Purchases	531,141,000	3.30	17,514,000	2,903,928,000	3.32	96,430,000
4	TOTAL ESTIMATED PURCHASES	<u>546,885,000</u>	3.31	<u>18,079,000</u>	<u>3,277,477,000</u>	3.23	<u>105,982,000</u>
<i>ACTUAL</i>							
5	Southern Company Interchange	86,781,279	2.84	2,462,105	620,514,799	2.23	13,844,062
6	Non-Associated Companies	148,962,057	0.42	627,195	473,367,444	0.36	1,714,381
7	Alabama Electric Co-op	0	0.00	0	0	0.00	0
8	Purchased Power & Renewable Agreement Energy	520,203,000	2.55	13,256,046	2,910,427,000	2.26	65,726,269
9	Other Wheeled Energy	157,900,000	0.00	N/A	949,711,000	0.00	N/A
10	Other Transactions	(21,694,547)	(0.06)	13,287	214,999,970	0.04	78,773
11	Less: Flow-Thru Energy	(7,735,251)	2.80	(216,849)	(46,535,286)	2.01	(936,413)
12	TOTAL ACTUAL PURCHASES	<u>884,416,538</u>	1.83	<u>16,141,784</u>	<u>5,122,484,927</u>	1.57	<u>80,427,071</u>
13	Difference in Amount	337,531,538	(1.48)	(1,937,216)	1,845,007,927	(1.66)	(25,554,929)
14	Difference in Percent	61.72	(44.71)	(10.72)	56.29	(51.39)	(24.11)

**BEFORE THE FLORIDA PUBLIC
SERVICE COMMISSION**

Docket No. 160001-EI

**Revised
Schedule A-5**

May 2016



SCHEDULE A-5

Revised 7/18/16

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

	CURRENT MONTH				PERIOD-TO-DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
LIGHT OIL								
1 PURCHASES :								
2 UNITS (BBL)	4,156	567	3,589	632.98	10,294	3,704	6,590	177.82
3 UNIT COST (\$/BBL)	60.26	87.12	(26.86)	(30.83)	54.56	87.33	(32.77)	(37.52)
4 AMOUNT (\$)	250,460	49,399	201,061	407.01	561,604	323,454	238,150	73.63
5 BURNED :								
6 UNITS (BBL)	1,791	567	1,224	215.87	9,771	3,704	6,067	183.80
7 UNIT COST (\$/BBL)	63.23	87.84	(24.61)	(28.02)	63.55	89.08	(25.53)	(28.66)
8 AMOUNT (\$)	113,248	49,808	63,440	127.37	620,986	329,945	291,043	88.21
9 ENDING INVENTORY :								
10 UNITS (BBL)	5,423	7,166	(1,743)	(24.32)	5,423	7,166	(1,743)	(24.32)
11 UNIT COST (\$/BBL)	60.15	96.61	(36.46)	(37.74)	60.15	96.61	(36.46)	(37.74)
12 AMOUNT (\$)	326,216	692,293	(366,077)	(52.88)	326,216	692,293	(366,077)	(52.88)
13 DAYS SUPPLY	N/A	N/A						
COAL								
14 PURCHASES :								
15 UNITS (TONS)	89,241	191,843	(102,602)	(53.48)	285,237	685,418	(400,181)	(58.38)
16 UNIT COST (\$/TON)	89.10	72.44	16.66	23.00	95.21	74.85	20.36	27.20
17 AMOUNT (\$)	7,951,279	13,898,197	(5,944,918)	(42.78)	27,156,449	51,301,299	(24,144,850)	(47.06)
18 BURNED :								
19 UNITS (TONS)	114,846	209,617	(94,771)	(45.21)	500,960	766,205	(265,245)	(34.62)
20 UNIT COST (\$/TON)	84.92	74.93	9.99	13.33	81.89	79.66	2.03	2.55
21 AMOUNT (\$)	9,752,875	15,706,891	(5,954,016)	(37.91)	40,922,677	61,034,065	(20,111,388)	(32.95)
22 ENDING INVENTORY :								
23 UNITS (TONS)	483,322	562,679	(79,357)	(14.10)	483,322	562,679	(79,357)	(14.10)
24 UNIT COST (\$/TON)	78.23	72.52	5.71	7.87	78.23	72.52	5.71	7.87
25 AMOUNT (\$)	37,810,728	40,805,794	(2,995,066)	(7.34)	37,810,728	40,805,794	(2,995,066)	(7.34)
26 DAYS SUPPLY	27	32	(5)	(15.63)				
GAS								
(Reported on a MMBTU and \$ basis)								
27 PURCHASES :								
28 UNITS (MMBTU)	2,054,318	1,732,622	321,696	18.57	11,993,657	11,000,508	993,149	9.03
29 UNIT COST (\$/MMBTU)	3.30	5.67	(2.37)	(41.80)	2.83	4.82	(1.99)	(41.29)
30 AMOUNT (\$)	6,785,464	9,821,278	(3,035,814)	(30.91)	33,968,583	53,027,990	(19,059,407)	(35.94)
31 BURNED :								
32 UNITS (MMBTU)	1,872,031	1,732,622	139,409	8.05	11,848,522	11,000,508	848,014	7.71
33 UNIT COST (\$/MMBTU)	3.21	5.67	(2.46)	(43.39)	2.80	4.82	(2.02)	(41.91)
34 AMOUNT (\$)	6,001,154	9,821,278	(3,820,124)	(38.90)	33,222,593	53,027,990	(19,805,397)	(37.35)
35 ENDING INVENTORY :								
36 UNITS (MMBTU)	813,570	0	813,570	100.00	813,570	0	813,570	100.00
37 UNIT COST (\$/MMBTU)	3.11	0.00	3.11	100.00	3.11	0.00	3.11	100.00
38 AMOUNT (\$)	2,526,786	0	2,526,786	100.00	2,526,786	0	2,526,786	100.00
OTHER - C.T. OIL								
39 PURCHASES :								
40 UNITS (BBL)	531	0	531	100.00	704	0	704	100.00
41 UNIT COST (\$/BBL)	60.92	0.00	60.92	100.00	71.70	0.00	72.00	100.00
42 AMOUNT (\$)	32,348	0	32,348	100.00	50,474	0	50,474	100.00
43 BURNED :								
44 UNITS (BBL)	160	0	160	100.00	613	0	613	100.00
45 UNIT COST (\$/BBL)	101.52	0.00	101.52	100.00	103.77	0.00	103.77	100.00
46 AMOUNT (\$)	16,243	0	16,243	100.00	63,814	0	63,814	100.00
47 ENDING INVENTORY :								
48 UNITS (BBL)	6,826	7,143	(317)	(4.44)	6,826	7,143	(317)	(4.44)
49 UNIT COST (\$/BBL)	101.48	107.40	(5.92)	(5.51)	101.48	107.40	(5.92)	(5.51)
50 AMOUNT (\$)	692,709	767,181	(74,472)	(9.71)	692,709	767,181	(74,472)	(9.71)
51 DAYS SUPPLY	3	3	0	0.00				

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.
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 18th day of July, 2016 to the following:

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