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December 20, 2018

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

Re: Docket No. 20180001-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 November 2018 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,

C. Shane Boyett  
Regulatory and Cost Recovery 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. 20180001-EI**

**MONTHLY FUEL FILING**

**November 2018**



**Gulf Power**

**COMPARISON OF ESTIMATED AND ACTUAL  
FUEL AND PURCHASED POWER COST RECOVERY FACTOR  
GULF POWER COMPANY  
NOVEMBER 2018**

	DOLLARS			KWH			CENTS/KWH		
	ACTUAL (a)	EST'd (b)	% DIFFERENCE AMT (c)	ACTUAL (e)	EST'd (f)	% DIFFERENCE AMT (g)	ACTUAL (i)	EST'd (j)	% DIFFERENCE AMT (k)
1 Fuel Cost of System Net Generation (A3)	28,955,190	18,505,485	10,449,705	887,646,198	671,796,000	225,850,198	3,2257	2,7546	0.47
1a Hedging Settlement Costs (A2)	631,600	1,113,500	(481,900)	0	0	0	#N/A	#N/A	#N/A
1b Scherer/Flint Credit	(784,970)	(586,465)	(198,505)	(28,039,880)	(22,389,000)	(5,650,880)	0.0000	0.0000	0.00
2 Adjustments to Fuel Cost (A2, Page 1) **	373	0	373	0	0	0	#N/A	0.0000	#N/A
3 TOTAL COST OF GENERATED POWER	28,802,192	19,032,520	9,769,672	889,606,318	649,407,000	220,199,318	3,3121	2,9308	0.38
4 Fuel Cost of Purchased Power (Exclusive of Economy) (A7)	-	0	0	0	0	0	0.0000	0.0000	0.00
5 Energy Cost of Other Econ. Purch. (Nonbroker) (A9)	18,046,678	18,526,973	(480,295)	496,172,448	607,136,000	(110,963,552)	3.6372	3.0515	0.59
6 Energy Payments to Qualifying Facilities (A8)	699,888	0	699,888	21,910,760	0	21,910,760	3.1943	0.0000	3.19
7 TOTAL COST OF PURCHASED POWER	18,746,566	18,526,973	219,593	518,083,208	607,136,000	(89,052,792)	3.6184	3.0515	0.57
8 Total Available KWH (Line 3 + Line 7)	47,548,758	37,559,493	9,989,265	1,387,689,526	1,256,543,000	131,146,526	10.44		
9 Fuel Cost of Economy Sales (A6)	(373,737)	(180,867)	(192,870)	(9,661,392)	(7,872,019)	(1,789,373)	22.73	(2,2976)	(1.57)
10 Gain on Economy Sales (A6)	(98,813)	(4,000)	(94,813)	0	0	0	#N/A	#N/A	#N/A
11 Fuel Cost of Other Power Sales (A6)	(17,459,277)	(10,421,821)	(7,037,456)	(546,340,998)	(463,616,267)	(82,724,731)	(3.1957)	(2,2479)	(0.95)
12 TOTAL FUEL COSTS & GAINS OF POWER SALES (LINES 9 + 10 + 11)	(17,931,826)	(10,606,687)	(7,325,139)	(556,002,390)	(471,488,287)	(84,514,103)	(3.2251)	(2,2496)	(0.98)
13 TOTAL FUEL & NET POWER TRANSACTIONS (LINES 3 + 7 + 12)	29,616,932	26,952,806	2,664,126	831,687,136	785,054,713	46,632,423	3.5611	3.4332	0.13
14 Company Use *	38,907	40,512	(1,605)	1,092,548	1,180,000	(87,452)	3.5611	3.4332	0.13
15 T & D Losses *	1,483,759	1,327,677	156,082	41,665,760	38,671,713	2,994,047	3.5611	3.4332	0.13
16 TERRITORIAL KWH SALES	29,616,932	26,952,806	2,664,126	788,928,828	745,203,000	43,725,828	3.7541	3.6168	0.14
17 Wholesale KWH Sales	769,981	770,014	(33)	20,510,945	21,290,000	(779,055)	3.7540	3.6168	0.14
18 Jurisdictional KWH Sales	28,846,951	26,182,792	2,664,159	768,417,883	723,913,000	44,504,883	3.7541	3.6168	0.14
19 Jurisdictional Loss Multiplier	1,0012	1,0012	0				1.0012	1.0012	0
20 Jurisdictional KWH Sales Adj. for Line Losses	28,881,567	26,214,211	2,667,356	768,417,883	723,913,000	44,504,883	3.7586	3.6212	0.14
21 TRUE-UP	2,720,897	2,720,897	0	768,417,883	723,913,000	44,504,883	0.3541	0.3759	(0.02)
22 TOTAL JURISDICTIONAL FUEL COST	31,602,464	28,935,108	2,667,356	768,417,883	723,913,000	44,504,883	1.00072	1.00072	0
23 Revenue Tax Factor							4.1157	4.0000	0.12
24 Fuel Factor Adjusted for Revenue Taxes	(170,269)	(170,269)	0	768,417,883	723,913,000	44,504,883	(0.0222)	(0.0235)	0.00
25 GPIF Reward / (Penalty)	(8,138,741)	(8,138,741)	0	768,417,883	723,913,000	44,504,883	(1.0592)	(1.1243)	0.07
26 Tax Savings Credit							3.0343	2.8522	0.18
27 Fuel Factor Adjusted for GPIF Reward / (Penalty) & Tax Savings Credit							3.034	2.852	0.18
28 FUEL FACTOR ROUNDED TO NEAREST .001(CENTS/KWH)									

\* Included for Informational Purposes Only  
 \*\*(Gain)/Loss on sales of natural gas and costs of contract dispute litigation.

**GULF POWER COMPANY  
 RECAP OF ACTUAL FUEL & PURCHASED POWER COSTS  
 SHOWN ON SCHEDULE A-1  
 FOR THE MONTH OF: NOVEMBER 2018**

<u>LINE</u>	<u>DESCRIPTION</u>	<u>REFERENCE</u>	<u>AMOUNT</u>
1	Fuel Cost of System Net Generation	Schedule A-3	\$ 28,955,190
2	Scherer/Flint Credit	Schedule A-3, Line 2b	\$ (784,970)
3	Adjustments to Fuel Cost	Schedule A-2, Line A-7	\$ 373
4	Hedging Settlement Costs	Schedule A-2, Line A-5	\$ 631,600
5	Fuel Cost of Purchased Power	Schedule A-7	\$ -
6	Energy Cost of Economy Purchases	Sch. A-9, Col. 4, Line 12	\$ 18,046,678
7	Demand & Non Fuel Cost of Purchased Power	Schedule A-9	\$ -
8	Energy Payments to Qualified Facilities	Sch. A-8, Col. 8, Line 6	\$ 699,888
9	Fuel Cost of Power Sold	Sch. A-6, Col. 7	<u>\$ (17,931,826)</u>
10	Total Fuel and Net Power Transactions		<u>\$ 29,616,932</u>

**COMPARISON OF ESTIMATED AND ACTUAL  
FUEL AND PURCHASED POWER COST RECOVERY FACTOR  
GULF POWER COMPANY  
NOVEMBER 2018  
PERIOD TO DATE**

	DOLLARS			KWH			CENTS/KWH		
	ACTUAL (a)	EST'd (b)	% DIFFERENCE AMT (c)	ACTUAL (e)	EST'd (f)	% DIFFERENCE AMT (g)	ACTUAL (i)	EST'd (j)	% DIFFERENCE AMT (k)
1 Fuel Cost of System Net Generation (A3)	262,610,979	254,500,265	8,110,714	8,721,288,351	8,577,987,000	143,301,351	3,0111	2,9669	0.04
1a Hedging Settlement Costs (A2)	13,067,300	12,693,980	373,320	0	0	0	#N/A	#N/A	#N/A
1b Scherer/Flint Credit	(6,880,812)	(7,464,554)	583,742	(249,245,672)	(289,026,000)	39,780,328	0.0000	0.0000	0.00
2 Adjustments to Fuel Cost (A2, Page 1) **	(28,353)	0	(28,353)	0	0	0	#N/A	0.0000	#N/A
3 TOTAL COST OF GENERATED POWER	268,769,114	256,729,691	9,039,422	8,472,042,679	8,286,961,000	185,081,679	3,1724	3,1334	0.04
4 Fuel Cost of Purchased Power (Exclusive of Economy) (A7)	0	0	0	0	0	0	0.0000	0.0000	0.00
5 Energy Cost of Other Econ. Purch. (Nonbroker) (A8)	186,668,407.34	188,535,418	(1,867,011)	5,726,423,512	6,019,978,000	(293,554,488)	3,2598	3,1318	0.13
6 Energy Payments to Qualifying Facilities (A8)	6,084,856.99	0	6,084,857	169,185,707	0	169,185,707	3,5966	0.0000	3.60
7 TOTAL COST OF PURCHASED POWER	192,753,264	188,535,418	4,217,846	5,895,609,219	6,019,978,000	(124,368,781)	2,267	3,2694	0.14
8 Total Available KWH (Line 3 + Line 7)	461,522,378	448,265,110	13,257,268	14,367,651,898	14,308,939,000	58,712,898	(3,1997)	(2,5654)	(0.63)
9 Fuel Cost of Economy Sales (A6)	(2,883,960)	(2,336,911)	(547,049)	(90,132,234)	(91,093,280)	961,046	#N/A	#N/A	#N/A
10 Gain on Economy Sales (A6)	(585,886)	(188,000)	(417,886)	0	0	0	(3,2624)	(2,5282)	(0.73)
11 Fuel Cost of Other Power Sales (A6)	(101,454,760)	(85,622,609)	(15,832,151)	(3,109,847,922)	(3,386,722,462)	276,874,540	(3,2789)	(2,5340)	(0.74)
12 TOTAL FUEL COSTS & GAINS OF POWER SALES (LINES 9 + 10 + 11)	(104,924,606)	(88,127,520)	(16,797,086)	(3,199,980,156)	(3,477,815,741)	277,835,585	(3,1931)	3,3250	(0.13)
13 TOTAL FUEL & NET POWER TRANSACTIONS (LINES 3 + 7 + 12)	356,597,771.58	360,137,590	(3,539,819)	11,167,671,742	10,831,123,259	336,548,484	3,1931	3,3250	(0.13)
14 Company Use *	404,983	482,973	(77,990)	12,683,075	14,525,500	(1,842,425)	3,1931	3,3250	(0.13)
15 T & D Losses *	17,688,633	17,754,295	(65,662)	553,964,263	533,963,759	20,000,504	3,1931	3,3250	(0.13)
16 TERRITORIAL KWH SALES	356,597,773	360,137,590	(3,539,817)	10,601,024,404	10,282,634,000	318,390,405	3,3638	3,5024	(0.14)
17 Wholesale KWH Sales	9,168,245	10,181,712	(1,013,467)	273,615,554	290,234,000	(16,618,446)	3,5081	3,5081	(0.16)
18 Jurisdictional KWH Sales	347,429,528	349,955,878	(2,526,350)	10,327,408,850	9,992,400,000	335,008,851	3,3642	3,5022	(0.14)
19 Jurisdictional Loss Multiplier	1,0012	1,0012	0	0	0	0	1,0012	1,0012	0
20 Jurisdictional KWH Sales Adj. for Line Losses	347,846,442	350,375,825	(2,529,383)	10,327,408,850	9,992,400,000	335,008,851	3,3682	3,5064	(0.14)
21 TRUE-UP	29,929,868	29,929,868	0	10,327,408,850	9,992,400,000	335,008,851	0.2898	0.2995	(0.01)
22 TOTAL JURISDICTIONAL FUEL COST	377,776,310	380,305,693	(2,529,383)	10,327,408,850	9,992,400,000	335,008,851	3,6580	3,8059	(0.15)
23 Revenue Tax Factor							1,00072	1,00072	0
24 Fuel Factor Adjusted for Revenue Taxes							3,6606	3,8086	(0.15)
25 GPIF Reward / (Penalty)	(1,872,956)	(1,872,956)	0	10,327,408,850	9,992,400,000	335,008,851	(0,0181)	(0,0187)	0.00
26 Tax Savings Credit	(69,178,296)	(69,178,296)	0	10,327,408,850	9,992,400,000	335,008,851	(0,6699)	(0,6923)	(0.24)
27 Fuel Factor Adjusted for GPIF Reward / (Penalty) & Tax Savings Credit							2,9726	3,0976	(0.13)
28 FUEL FACTOR ROUNDED TO NEAREST .001(CENTS/KWH)							2,973	3,098	

\* 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: NOVEMBER 2018**

	CURRENT MONTH			PERIOD - TO - DATE		
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT (\$)	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT (\$)
<b>A. Fuel Cost &amp; Net Power Transactions</b>						
1 Fuel Cost of System Net Generation	28,742,534.97	18,352,264	10,390,270.97	260,443,216.59	252,093,409	8,349,807.19
1a Other Generation	212,694.71	153,221	59,433.71	2,167,762.22	2,406,856	(239,093.78)
1b Scherer/Flint Credit	(784,970.25)	(586,465)	(198,505.17)	(6,880,811.12)	(7,464,554)	583,742.52
2 Fuel Cost of Power Sold	(17,931,826.01)	(10,606,687)	(7,325,139.01)	(104,924,607.32)	(88,127,520)	(16,797,087.32)
3 Fuel Cost - Purchased Power	18,046,677.90	18,526,973	(480,295.56)	186,668,407.36	188,535,418	(1,867,010.90)
3a Demand & Non-Fuel Cost Purchased Power	0.00	0	0.00	0.00	0	0.00
3b Energy Payments to Qualifying Facilities	699,888.02	0	699,888.02	6,084,856.63	0	6,084,856.63
4 Energy Cost - Economy Purchases	0.00	0	0.00	0.00	0	0.00
5 Hedging Settlement Cost	631,600.00	1,113,500	(481,900.00)	13,067,300.00	12,693,980	373,320.00
6 Total Fuel & Net Power Transactions	29,616,559.34	26,952,806	2,663,752.96	356,626,124.36	360,137,550	(3,511,465.66)
7 Adjustments To Fuel Cost*	372.53	0.00	372.53	(28,352.30)	0	(28,352.30)
8 Adj. Total Fuel & Net Power Transactions	29,616,931.87	26,952,806	2,664,125.49	356,597,772.06	360,137,550	(3,539,817.96)
<b>B. KWH Sales</b>						
1 Jurisdictional Sales	768,417,883	723,913,000	44,504,883	10,327,408,850	9,992,400,000	335,008,850
2 Non-Jurisdictional Sales	20,510,945	21,290,000	(779,055)	273,615,554	290,234,000	(16,618,446)
3 Total Territorial Sales	788,928,828	745,203,000	43,725,828	10,601,024,404	10,282,634,000	318,390,404
4 Juris. Sales as % of Total Terr. Sales	97.4002	97.1431	0.2571	97.4190	97.1774	0.2416

\* (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: NOVEMBER 2018

	CURRENT MONTH			PERIOD - TO - DATE		
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT (\$)	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT (\$)
C. True-up Calculation						
1 Jurisdictional Fuel Revenue	22,599,508.17	21,217,092	1,382,416.19	326,134,617.64	312,932,488	13,202,129.91
2 Fuel Adj. Revs. Not Applicable to Period:						
2a True-Up Provision	(2,720,897.00)	(2,720,897)	0.00	(29,929,868.00)	(29,929,868)	0.00
2b Incentive Provision	170,146.00	170,146	0.00	1,871,609.00	1,871,609	0.00
2c Tax Savings Credit	8,133,185.00	8,133,185	0.00	69,132,074.00	69,132,074	0.00
3 Juris. Fuel Revenue Applicable to Period	28,181,942.17	26,799,526	1,382,416.17	367,208,432.64	354,006,303	13,202,129.64
Adjusted Total Fuel & Net Power						
4 Transactions (Line A8)	29,616,931.87	26,952,806	2,664,125.49	356,597,772.34	360,137,590	(3,539,817.28)
5 Juris. Sales % of Total KWH Sales (Line B4)	97,4002	97,1431	0,2571	97,4190	97,1774	0,2416
6 Juris. Total Fuel & Net Power Transactions	28,881,567.22	26,214,211	2,667,356.22	347,846,442.33	350,375,825	(2,529,382.67)
True-Up Provision for the Month						
7 Over/(Under) Collection (C3-C6)	(699,625.05)	585,315	(1,284,940.05)	19,361,990.31	3,630,480	15,731,510.31
8 Interest Provision for the Month	49,332.87	(1,931)	51,263.87	115,216.21	(272,331)	387,547.21
9 Beginning True-Up & Interest Provision	24,899,486.24	(2,667,029)	27,566,515.24	(22,436,983.46)	(32,650,765)	10,213,781.54
10 True-Up Collected / (Refunded)	2,720,897.00	2,720,897	0.00	29,929,868.00	29,929,868	0.00
End of Period - Total Net True-Up, Before	26,970,091.06	637,252	26,332,839.06	26,970,091.06	637,252	26,332,839.06
11 Adjustment (C7+C8+C9+C10)		0	0.00	0.00	0	0.00
12 Adjustment	26,970,091.06	637,252	26,332,839.06	26,970,091.06	637,252	26,332,839.06
13 End of Period - Total Net True-Up						

**CALCULATION OF TRUE-UP AND INTEREST PROVISION  
GULF POWER COMPANY  
FOR THE MONTH OF: NOVEMBER 2018**

	ACTUAL	CURRENT MONTH		DIFFERENCE
		\$	%	
	ESTIMATED	AMOUNT (\$)		
D. Interest Provision				
1 Beginning True-Up Amount (C9)	24,899,486.24	(2,667,029)	27,566,515.24	(1,033.60)
2 Ending True-Up Amount	26,920,758.19	639,183	26,281,575.19	4,111.75
3 Total of Beginning & Ending True-Up Amts.	51,820,244.43	(2,027,846)	53,848,090.43	(2,655.43)
4 Average True-Up Amount	25,910,122.22	(1,013,923)	26,924,045.22	(2,655.43)
Interest Rate				
5 1st Day of Reporting Business Month	2.27	2.27	0.0000	
Interest Rate				
6 1st Day of Subsequent Business Month	2.30	2.30	0.0000	
7 Total (D5+D6)	4.57	4.57	0.0000	
8 Annual Average Interest Rate	2.29	2.29	0.0000	
9 Monthly Average Interest Rate (D8/12)	0.1904	0.1904	0.0000	
10 Interest Provision (D4*D9)	49,332.87	(1,931)	51,263.87	(2,654.78)
Jurisdictional Loss Multiplier (From Schedule A-1)	1.0012	1.0012		



**GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE  
GULF POWER COMPANY  
FOR THE MONTH OF: NOVEMBER 2018**

	CURRENT MONTH				PERIOD - TO - DATE			
	ACTUAL	EST.	DIFFERENCE AMOUNT	%	ACTUAL	EST.	DIFFERENCE AMOUNT	%
<b>FUEL COST-NET GEN.(\$)</b>	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1 LIGHTER OIL (B.L.)	156,191	85,582	70,609	82.50	2,206,327	912,098	1,294,229	141.90
2 COAL	15,303,364	7,741,291	7,562,073	97.68	122,836,460	115,450,533	7,385,927	6.40
2a Coal at Scherer	3,289,633	2,464,139	825,494	33.50	28,709,056	31,216,600	(2,507,544)	(8.03)
2b Scherer/Flint Credit	(784,970)	(586,465)	(198,505)	33.85	(6,880,811)	(7,464,554)	583,743	(7.82)
3 GAS	9,859,621	8,097,933	1,761,688	21.75	104,917,628	103,743,346	1,174,282	1.13
4 GAS (B.L.)	289,492	32,714	256,778	784.92	2,954,395	2,322,790	631,605	27.19
5 LANDFILL GAS	52,928	67,612	(14,684)	(21.72)	730,893	759,156	(28,263)	(3.72)
6 OIL - C.T.	3,960	16,214	(12,254)	(75.58)	256,221	151,269	104,952	69.38
7 TOTAL (\$)	<u>28,170,220</u>	<u>17,919,020</u>	<u>10,251,200</u>	<u>57.21</u>	<u>255,730,167</u>	<u>247,035,711</u>	<u>8,694,455</u>	<u>3.52</u>
<b>SYSTEM NET GEN. (MWH)</b>								
8 LIGHTER OIL	0	0	0	0.00	0	0	0	0.00
9 COAL	492,673	239,805	252,868	105.45	3,995,148	3,680,369	314,779	8.55
9a Coal at Scherer	117,509	94,071	23,438	24.92	1,042,887	1,208,651	(165,764)	(13.71)
9b Scherer/Flint Credit	(28,040)	(22,389)	(5,651)	25.24	(249,246)	(289,026)	39,780	(13.76)
10 GAS	285,974	335,817	(49,843)	(14.84)	3,660,831	3,665,945	(5,114)	(0.14)
11 LANDFILL GAS	1,482	2,031	(549)	(27.03)	21,356	22,602	(1,246)	(5.51)
12 OIL - C.T.	8	72	(64)	(88.89)	1,066	420	646	153.81
13 TOTAL (MWH)	<u>869,606</u>	<u>649,407</u>	<u>220,199</u>	<u>33.91</u>	<u>8,472,043</u>	<u>8,288,961</u>	<u>183,082</u>	<u>2.21</u>
<b>UNITS OF FUEL BURNED</b>								
14 LIGHTER OIL (BBL)	1,657	904	753	83.34	24,284	11,254	13,030	115.78
15 COAL (TONS)	249,664	125,626	124,038	98.74	2,014,939	1,886,343	128,596	6.82
16 GAS (MCF) (1)	1,930,310	2,228,044	(297,734)	(13.36)	25,897,222	24,571,366	1,325,856	5.40
17 OIL - C.T. (BBL)	41	171	(130)	(76.23)	2,682	1,597	1,085	67.96
<b>BTU'S BURNED (MMBTU)</b>								
18 COAL + GAS B.L. + OIL B.L.	6,242,187	3,491,485	2,750,702	78.78	51,761,734	50,752,911	1,008,823	1.99
19 GAS - Generation (1)	1,975,517	2,272,605	(297,088)	(13.07)	26,199,915	24,962,793	1,237,122	4.96
20 OIL - C.T.	237	998	(761)	(76.25)	15,596	5,850	9,746	166.60
21 TOTAL (MMBTU)	<u>8,217,941</u>	<u>5,765,088</u>	<u>2,452,853</u>	<u>42.55</u>	<u>77,977,245</u>	<u>75,721,554</u>	<u>2,255,691</u>	<u>2.98</u>
<b>GENERATION MIX (% MWH)</b>								
22 LIGHTER OIL (B.L.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23 COAL	66.94	47.97	18.97	39.55	56.52	55.49	1.03	1.86
24 GAS	32.89	51.71	(18.82)	(36.40)	43.22	44.23	(1.01)	(2.28)
25 LANDFILL GAS	0.17	0.31	(0.14)	(45.16)	0.25	0.27	(0.02)	(7.41)
26 OIL - C.T.	0.00	0.01	(0.01)	(100.00)	0.01	0.01	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>
<b>FUEL COST (\$)/UNIT</b>								
28 LIGHTER OIL (\$/BBL)	94.26	94.72	(0.46)	(0.49)	90.05	81.05	9.00	11.10
29 COAL (\$/TON)	61.30	61.62	(0.32)	(0.52)	60.96	61.20	(0.24)	(0.39)
30 GAS (\$/MCF) (1)	5.15	3.58	1.57	43.85	4.08	4.22	(0.14)	(3.32)
31 OIL - C.T. (\$/BBL)	96.59	95.07	1.52	1.60	95.53	94.75	0.78	0.82
<b>FUEL COST (\$)/MMBTU</b>								
32 COAL + GAS B.L. + OIL B.L.	2.92	2.79	0.13	4.66	2.89	2.81	0.08	2.85
33 GAS - Generation (1)	4.88	3.50	1.38	39.43	3.92	4.06	(0.14)	(3.45)
34 OIL - C.T.	16.71	16.25	0.46	2.83	16.43	25.86	(9.43)	(36.47)
35 TOTAL (\$/MMBTU)	<u>3.40</u>	<u>3.07</u>	<u>0.33</u>	<u>10.75</u>	<u>3.24</u>	<u>3.22</u>	<u>0.02</u>	<u>0.62</u>
<b>BTU BURNED / KWH</b>								
36 COAL + GAS B.L. + OIL B.L.	10,723	11,209	(486)	(4.34)	10,809	11,033	(224)	(2.03)
37 GAS - Generation (1)	7,087	6,881	206	2.99	7,290	6,953	337	4.85
38 OIL - C.T.	29,625	13,861	15,764	113.73	14,630	13,929	701	5.03
39 TOTAL (BTU/KWH)	<u>9,546</u>	<u>8,982</u>	<u>564</u>	<u>6.28</u>	<u>9,301</u>	<u>9,245</u>	<u>56</u>	<u>0.61</u>
<b>FUEL COST (¢/KWH)</b>								
40 COAL + GAS B.L. + OIL B.L.	3.14	3.13	0.01	0.32	3.13	3.10	0.03	0.97
41 GAS	3.45	2.41	1.04	43.15	2.87	2.83	0.04	1.41
42 LANDFILL GAS	3.57	3.33	0.24	7.21	3.42	3.36	0.06	1.79
43 OIL - C.T.	49.50	22.52	26.98	119.80	24.04	36.02	(11.98)	(33.26)
44 TOTAL (¢/KWH)	<u>3.24</u>	<u>2.76</u>	<u>0.48</u>	<u>17.39</u>	<u>3.02</u>	<u>2.98</u>	<u>0.04</u>	<u>1.34</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: NOVEMBER 2018

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(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	(497)	0.0	0.0	0.0	0	Coal	0	0	0	0	0.00	0.00
2			0					Gas-G	0	1,017	0	0	0.00	0.00
3								Gas-S	0	1,017	0	0	0.00	0.00
4								Oil-S	0	138,500	0	0	0.00	0.00
5	Crist 5	75	(494)	0.0	0.0	0	0	Coal	0	0	0	0	0.00	0.00
6			0					Gas-G	0	1,017	0	0	0.00	0.00
7								Gas-S	0	1,017	0	0	0.00	0.00
8								Oil-S	0	138,500	0	0	0.00	0.00
9	Crist 6	299	104,615	48.5	83.4	69.4	10,984	Coal	51,198	11,222	1,149,088	3,305,723	3.16	64.57
10			0					Gas-G	0	1,017	0	0	0.00	0.00
11								Gas-S	3,929	1,017	3,996	164,586	41.89	93.65
12								Oil-S	46	138,500	266	4,308	2.97	64.57
13	Crist 7	475	263,417	76.9	99.3	77.5	10,330	Coal	121,004	11,244	2,721,138	7,812,916	2.97	64.57
14			0					Gas-G	0	1,017	0	0	0.00	0.00
15								Gas-S	2,982	1,017	3,032	124,906	41.89	93.87
16								Oil-S	250	138,500	1,452	23,468	3.46	5.02
17	Smith 3	579	278,753	66.8	77.6	74.0	7,087	Gas-G	1,923,399	1,027	1,975,517	9,646,966	49.50	96.59
18	Smith A	(1)	8	0.0	51.0	2.0	29,570	Oil	41	138,500	237	3,960	2.80	0.00
19	Scherer 3	(2)	215	117,509	75.8	100.0	10,340	Coal	0	10,962	1,214,987	3,289,633	0.00	0.00
20								Oil	0	138,500	0	5	0.00	0.00
21	Scherer/Flint Credit	(51)	(28,040)	N/A	N/A	N/A	N/A	Coal	0	N/A	(289,919)	(784,969)	N/A	N/A
22								Oil	0	N/A	0	(1)	N/A	N/A
23	Other Generation		7,221					Landfill Gas				212,655	2.94	0.00
24	Perdido		1,482									52,928	3.57	0.00
25	Daniel 1	(3)	251	66,863	36.9	82.0	11,210	Coal	40,591	9,233	749,513	2,173,876	3.25	53.56
26								Oil-S	1,023	138,500	5,953	96,523	94.35	94.35
27	Daniel 2	(3)	251	58,770	32.5	84.6	11,583	Coal	36,871	9,231	680,714	1,974,649	3.36	53.56
28								Oil-S	338	138,500	1,967	31,887	94.34	94.34
29	Total	2,205	869,606	54.7	82.6	61.6	9,546				8,217,941	28,134,018	3.24	

Notes & Adjust.:	Units	\$	cents/kwh
(1) Smith A uses lighter oil	N/A		
(2) Represents Gulf's 25% ownership	Daniel Railcar Track Deprec.	(4,022)	
(3) Represents Gulf's 50% Ownership	Crist Coal Additive	40,223	
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			
	Recoverable Fuel	28,170,219	3.24

SYSTEM GENERATED FUEL COST - INVENTORY ANALYSIS  
GULF POWER COMPANY  
FOR THE MONTH OF: NOVEMBER 2018

	CURRENT MONTH				PERIOD-TO-DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
<b><u>LIGHT OIL</u></b>								
<b>1 PURCHASES :</b>								
2 UNITS (BBL)	1,542	907	635	70.01	26,122	11,046	15,076	136.49
3 UNIT COST (\$/BBL)	87.09	99.96	(12.87)	(12.88)	93.84	84.13	9.71	11.54
4 <u>AMOUNT (\$)</u>	<u>134,300</u>	<u>90,663</u>	<u>43,637</u>	<u>48.13</u>	<u>2,451,208</u>	<u>929,283</u>	<u>1,521,925</u>	<u>163.77</u>
<b>5 BURNED :</b>								
6 UNITS (BBL)	1,709	904	805	89.09	25,246	11,254	13,992	124.33
7 UNIT COST (\$/BBL)	94.10	94.72	(0.62)	(0.65)	90.00	81.05	8.95	11.04
8 <u>AMOUNT (\$)</u>	<u>160,817</u>	<u>85,582</u>	<u>75,235</u>	<u>87.91</u>	<u>2,272,034</u>	<u>912,098</u>	<u>1,359,936</u>	<u>149.10</u>
<b>9 ENDING INVENTORY :</b>								
10 UNITS (BBL)	5,864	5,996	(132)	(2.20)	5,864	5,996	(132)	(2.20)
11 UNIT COST (\$/BBL)	93.31	94.18	(0.87)	(1)	93.31	94.18	(0.87)	(0.92)
12 <u>AMOUNT (\$)</u>	<u>547,148</u>	<u>564,657</u>	<u>(17,509)</u>	<u>(3.10)</u>	<u>547,148</u>	<u>564,657</u>	<u>(17,509)</u>	<u>(3.10)</u>
13 <u>DAYS SUPPLY</u>	<u>N/A</u>	<u>N/A</u>						
<b><u>COAL EXCLUDING PLANT SCHERER</u></b>								
<b>14 PURCHASES :</b>								
15 UNITS (TONS)	225,996	143,890	82,106	57.06	1,986,233	1,932,351	53,882	2.79
16 UNIT COST (\$/TON)	61.02	59.33	1.69	2.85	60.80	61.30	(0.50)	(0.82)
17 <u>AMOUNT (\$)</u>	<u>13,789,209</u>	<u>8,536,977</u>	<u>5,252,232</u>	<u>61.52</u>	<u>120,770,703</u>	<u>118,450,679</u>	<u>2,320,024</u>	<u>1.96</u>
<b>18 BURNED :</b>								
19 UNITS (TONS)	249,664	125,626	124,038	98.74	2,014,939	1,886,343	128,596	6.82
20 UNIT COST (\$/TON)	61.15	61.62	(0.47)	(0.76)	60.71	61.20	(0.49)	(0.80)
21 <u>AMOUNT (\$)</u>	<u>15,267,163</u>	<u>7,741,291</u>	<u>7,525,872</u>	<u>97.22</u>	<u>122,331,980</u>	<u>115,450,533</u>	<u>6,881,447</u>	<u>5.96</u>
<b>22 ENDING INVENTORY :</b>								
23 UNITS (TONS)	365,308	499,598	(134,290)	(26.88)	365,308	499,598	(134,290)	(26.88)
24 UNIT COST (\$/TON)	56.91	55.07	1.84	3.34	56.91	55.07	1.84	3.34
25 <u>AMOUNT (\$)</u>	<u>20,791,253</u>	<u>27,515,093</u>	<u>(6,723,840)</u>	<u>(24.44)</u>	<u>20,791,253</u>	<u>27,515,093</u>	<u>(6,723,840)</u>	<u>(24.44)</u>
26 <u>DAYS SUPPLY</u>	<u>23</u>	<u>31</u>	<u>(8)</u>	<u>(25.81)</u>				
<b><u>COAL AT PLANT SCHERER</u></b>								
<b>27 PURCHASES :</b>								
28 UNITS (MMBTU)	1,020,600	935,826	84,774	9.06	9,567,646	11,605,775	(2,038,129)	(17.56)
29 UNIT COST (\$/MMBTU)	3.08	2.45	0.63	25.71	2.58	2.44	0.14	5.74
30 <u>AMOUNT (\$)</u>	<u>3,146,303</u>	<u>2,295,107</u>	<u>851,196</u>	<u>37.09</u>	<u>24,724,062</u>	<u>28,314,120</u>	<u>(3,590,058)</u>	<u>(12.68)</u>
<b>31 BURNED :</b>								
32 UNITS (MMBTU)	1,214,987	1,000,159	214,828	21.48	11,123,108	12,734,537	(1,611,429)	(12.65)
33 UNIT COST (\$/MMBTU)	2.71	2.46	0.25	10.16	2.54	2.45	0.09	3.67
34 <u>AMOUNT (\$)</u>	<u>3,289,633</u>	<u>2,464,139</u>	<u>825,494</u>	<u>33.50</u>	<u>28,245,154</u>	<u>31,216,600</u>	<u>(2,971,446)</u>	<u>(9.52)</u>
<b>35 ENDING INVENTORY :</b>								
36 UNITS (MMBTU)	1,941,660	2,134,282	(192,622)	(9.03)	1,941,660	2,134,282	(192,622)	(9.03)
37 UNIT COST (\$/MMBTU)	2.71	2.50	0.21	8.40	2.71	2.50	0.21	8.40
38 <u>AMOUNT (\$)</u>	<u>5,255,625</u>	<u>5,336,313</u>	<u>(80,688)</u>	<u>(1.51)</u>	<u>5,255,625</u>	<u>5,336,313</u>	<u>(80,688)</u>	<u>(1.51)</u>
39 <u>DAYS SUPPLY</u>	<u>36</u>	<u>40</u>	<u>(4)</u>	<u>(10.00)</u>				
<b><u>GAS</u></b> (Reported on a MMBTU and \$ basis)								
<b>40 PURCHASES :</b>								
41 UNITS (MMBTU)	2,081,097	2,272,605	(191,508)	(8.43)	26,420,203	24,962,793	1,457,410	5.84
42 UNIT COST (\$/MMBTU)	4.94	3.50	1.44	41.14	4.03	4.06	(0.03)	(0.74)
43 <u>AMOUNT (\$)</u>	<u>10,280,664</u>	<u>7,944,712</u>	<u>2,335,952</u>	<u>29.40</u>	<u>106,545,065</u>	<u>101,336,490</u>	<u>5,208,575</u>	<u>5.14</u>
<b>44 BURNED :</b>								
45 UNITS (MMBTU)	1,982,545	2,272,605	(290,060)	(12.76)	26,443,708	24,962,793	1,480,915	5.93
46 UNIT COST (\$/MMBTU)	5.01	3.50	1.51	43.14	3.99	4.06	(0.07)	(1.72)
47 <u>AMOUNT (\$)</u>	<u>9,936,458</u>	<u>7,944,712</u>	<u>1,991,746</u>	<u>25.07</u>	<u>105,389,259</u>	<u>101,336,490</u>	<u>4,052,769</u>	<u>4.00</u>
<b>48 ENDING INVENTORY :</b>								
48 UNITS (MMBTU)	814,967	0	814,967	100.00	814,967	0	814,967	100.00
50 UNIT COST (\$/MMBTU)	4.88	0.00	4.88	100.00	4.88	0.00	4.88	100.00
51 <u>AMOUNT (\$)</u>	<u>3,979,697</u>	<u>0</u>	<u>3,979,697</u>	<u>100.00</u>	<u>3,979,697</u>	<u>0</u>	<u>3,979,697</u>	<u>100.00</u>

SYSTEM GENERATED FUEL COST - INVENTORY ANALYSIS  
GULF POWER COMPANY  
FOR THE MONTH OF: NOVEMBER 2018

	CURRENT MONTH				PERIOD-TO-DATE				
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE		
			AMOUNT	%			AMOUNT	%	
<b><u>OTHER - C.T. OIL</u></b>									
52	<i>PURCHASES :</i>								
53	UNITS (BBL) *	0	171	(171)	(100.00)	3,552	739	2,813	380.85
54	UNIT COST (\$/BBL)	0.00	100.29	(100.29)	(100.00)	99.16	97.66	2.00	2.05
55	AMOUNT (\$)	8,469	17,104	(8,635)	(50.49)	352,199	72,130	280,069	388.28
56	<i>BURNED :</i>								
57	UNITS (BBL)	41	171	(130)	(76.23)	2,682	999	1,683	168.46
58	UNIT COST (\$/BBL)	96.59	95.07	1.52	1.60	95.53	95.83	(0.30)	(0.31)
59	AMOUNT (\$)	3,960	16,214	(12,254)	(75.58)	256,220	95,742	160,478	167.62
60	<i>ENDING INVENTORY :</i>								
61	UNITS (BBL)	7,507	7,037	470	6.68	7,507	7,037	470	6.68
62	UNIT COST (\$/BBL)	97.38	95.20	2.18	2.29	97.38	95.20	2.18	2.29
63	AMOUNT (\$)	731,024	669,928	61,096	9.12	731,024	669,928	61,096	9.12
64	HOURS SUPPLY	85	80	5	6.25				

POWER SOLD  
GULF POWER COMPANY  
FOR THE MONTH OF: NOVEMBER 2018

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		(5) x (6)(a) TOTAL \$ FOR FUEL ADJ.	(5) x (6)(b) TOTAL COST \$
					FUEL COST	TOTAL COST		
<i>ESTIMATED</i>								
1	Southern Company Interchange	463,616,267	0	463,616,267	2.25	2.62	10,421,821	12,151,198
2	Various Economy Sales	7,872,019	0	7,872,019	2.30	2.64	180,867	207,956
3	Gain on Econ. Sales	0	0	0	0.00	0.00	4,000	4,000
4	TOTAL ESTIMATED SALES	<u>471,488,287</u>	<u>0</u>	<u>471,488,287</u>	<u>2.25</u>	<u>2.62</u>	<u>10,606,687</u>	<u>12,363,154</u>
<i>ACTUAL</i>								
5	Southern Company Interchange	556,002,390	0	556,002,390	3.19	3.44	17,729,213	19,104,667
6	A.E.C. External	334,475	0	334,475	2.91	3.73	9,726	12,468
7	DUKE PWR External	90,790	0	90,790	2.81	3.50	2,550	3,178
8	EAGLE EN External	279,938	0	279,938	3.01	3.97	8,440	11,116
9	ENDURE External	83,226	0	83,226	3.31	5.18	2,758	4,314
10	EXELON External	421,120	0	421,120	15.22	3.62	64,110	15,243
11	FPC External	310,382	0	310,382	2.77	4.22	8,602	13,085
12	FPL External	9,866	0	9,866	(15.22)	4.50	(1,502)	444
13	MACQUARI External	105,441	0	105,441	30.70	4.50	32,373	4,740
14	MERCURIA External	24,208	0	24,208	2.80	3.40	677	823
15	MISO External	1,219,522	0	1,219,522	2.71	3.52	33,039	42,898
16	MORGAN External	776,675	0	776,675	5.74	3.60	44,568	27,961
17	NCEMC External	3,026	0	3,026	2.83	3.05	86	92
18	NTE External	0	0	0	0.00	0.00	0	0
19	OPC External	27,844	0	27,844	2.73	4.28	760	1,193
20	ORLANDO External	57,503	0	57,503	2.92	4.38	1,677	2,518
21	PJM External	508,489	0	508,489	2.98	4.19	15,136	21,322
22	REMC External	206,224	0	206,224	2.75	4.53	5,661	9,334
23	SCE&G External	196,104	0	196,104	3.23	6.63	6,336	13,005
24	SEC External	0	0	0	0.00	0.00	0	0
25	SEPA External	23,968	0	23,968	0.61	2.54	145	609
26	TAL External	4,237	0	4,237	3.70	3.77	157	160
27	TEA External	2,370,888	0	2,370,888	2.72	3.84	64,400	91,022
28	TECO External	135,098	0	135,098	2.73	4.74	3,694	6,398
29	TENASKA External	0	0	0	0.00	0.00	0	0
30	TVA External	2,275,285	0	2,275,285	2.86	3.89	65,054	88,556
31	WRI External	197,083	0	197,083	2.68	4.29	5,290	8,465
32	Less: Flow-Thru Energy	(9,661,392)	0	(9,661,392)	2.79	2.79	(269,936)	(269,936)
33	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	98,813	98,813
34	TOTAL ACTUAL SALES	<u>556,002,390</u>	<u>0</u>	<u>556,002,390</u>	<u>3.23</u>	<u>3.46</u>	<u>17,931,826</u>	<u>19,213,675</u>
35	Difference in Amount	84,514,103	0	84,514,103	0.98	0.00	7,325,139	6,850,521
36	Difference in Percent	17.92	0	17.92	43.56	0.00	69.06	55.41

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 33

POWER SOLD  
GULF POWER COMPANY  
FOR THE MONTH OF: NOVEMBER 2018

PERIOD TO DATE								
(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)
SOLD TO	TYPE AND SCHEDULE	TOTAL KWH SOLD	KWH WHEELED FROM OTHER SYSTEMS	KWH FROM OWN GENERATION	¢ / KWH		TOTAL \$ FOR FUEL ADJ.	TOTAL COST \$
					FUEL COST	TOTAL COST		
<i>ESTIMATED</i>								
1	Southern Company Interchange	3,386,722,462	0	3,386,722,462	2.53	2.93	85,622,608	99,090,007
2	Various Economy Sales	91,093,280	0	91,093,280	2.57	2.96	2,336,911	2,695,327
3	Gain on Econ. Sales	0	0	0	0.00	0.00	168,000	168,000
4	TOTAL ESTIMATED SALES	<u>3,477,815,741</u>	<u>0</u>	<u>3,477,815,741</u>	<u>2.53</u>	<u>2.93</u>	<u>88,127,519</u>	<u>101,953,335</u>
<i>ACTUAL</i>								
5	Southern Company Interchange	3,199,979,733	0	3,199,979,733	3.26	3.51	104,220,180	112,182,904
6	A.E.C. External	7,974,321	0	7,974,321	3.14	3.81	250,157	303,944
7	DUKE PWR External	3,503,684	0	3,503,684	3.71	6.58	129,959	230,413
8	EAGLE EN External	3,428,095	0	3,428,095	2.94	3.99	100,764	136,894
9	ENDURE External	941,748	0	941,748	3.00	4.18	28,269	39,379
10	EXELON External	3,541,941	0	3,541,941	4.39	3.68	155,432	130,459
11	FPC External	1,819,378	0	1,819,378	3.41	4.65	61,990	84,567
12	FPL External	3,704,357	0	3,704,357	3.45	4.80	127,681	177,786
13	MACQUARI External	2,305,165	0	2,305,165	3.87	3.66	89,127	84,454
14	MERCURIA External	1,636,639	0	1,636,639	2.22	2.86	36,331	46,836
15	MISO External	8,187,977	0	8,187,977	2.93	4.08	239,825	333,757
16	MORGAN External	5,004,036	0	5,004,036	4.80	4.00	240,304	200,154
17	NCEMC External	62,465	0	62,465	2.94	4.13	1,838	2,578
18	NTE External	1,029	0	1,029	3.31	3.60	34	37
19	OPC External	1,224,771	0	1,224,771	3.53	5.03	43,203	61,546
20	ORLANDO External	863,514	0	863,514	3.12	4.45	26,965	38,396
21	PJM External	2,522,817	0	2,522,817	2.91	4.67	73,461	117,731
22	REMC External	828,466	0	828,466	2.75	3.90	22,784	32,298
23	SCE&G External	676,092	0	676,092	3.49	5.87	23,592	39,714
24	SEC External	3,026	0	3,026	0.00	4.04	0	122
25	SEPA External	4,820,829	0	4,820,829	2.35	3.52	113,067	169,533
26	TAL External	1,869,638	0	1,869,638	3.07	4.62	57,371	86,422
27	TEA External	21,192,750	0	21,192,750	2.58	3.46	546,420	733,812
28	TECO External	1,400,497	0	1,400,497	2.89	6.05	40,476	84,687
29	TENASKA External	343,963	0	343,963	2.45	4.45	8,419	15,299
30	TVA External	10,870,123	0	10,870,123	3.94	5.99	428,793	651,332
31	WRI External	1,404,913	0	1,404,913	2.68	3.93	37,697	55,211
32	Less: Flow-Thru Energy	(90,131,811)	0	(90,131,811)	3.07	3.07	(2,765,420)	(2,765,420)
33	Economy Energy Sales Gain (1)	0	0	0	0.00	0.00	585,887	585,887
34	TOTAL ACTUAL SALES	<u>3,199,980,156</u>	<u>0</u>	<u>3,199,980,156</u>	<u>3.28</u>	<u>3.54</u>	<u>104,924,607</u>	<u>113,274,848</u>
35	Difference in Amount	(277,835,585)	0	(277,835,585)	0.75	0.61	16,797,088	11,321,513
36	Difference in Percent	(7.99)	0	(7.99)	29.64	20.82	19.06	11.10

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 33

**SCHEDULE A-7**

**PURCHASED POWER  
GULF POWER COMPANY  
(EXCLUSIVE OF ECONOMY ENERGY PURCHASES)  
FOR THE MONTH OF: NOVEMBER 2018**

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

NONE

ACTUAL:

NONE

SCHEDULE A-8

ENERGY PAYMENT TO QUALIFIED FACILITIES  
 GULF POWER COMPANY  
 FOR THE MONTH OF: NOVEMBER 2018

(1) PURCHASED FROM:	CURRENT MONTH					(7) ¢/KWH	(8) TOTAL \$ FOR FUEL ADJ.
	(2) TYPE AND SCHEDULE	(3) TOTAL KWH PURCHASED	(4) KWH FOR OTHER UTILITIES	(5) KWH FOR INTERRUPTIBLE	(6) KWH FOR FIRM		
<i>ACTUAL</i>							
1 Bay County/Engen, LLC	Contract	0	0	0	0	0.00	0
2 Renewable Energy Customers	COG 1	0	0	0	0	0.00	5
3 Ascend Performance Materials	COG 1	21,873,338	0	0	0	3.19	698,823
4 International Paper	COG 1	37,422	0	0	0	2.83	1,061
5 TOTAL		21,910,760	0	0	0	3.19	699,888

(1) PURCHASED FROM:	PERIOD-TO-DATE					(7) ¢/KWH	(8) TOTAL \$ FOR FUEL ADJ.
	(2) TYPE AND SCHEDULE	(3) TOTAL KWH PURCHASED	(4) KWH FOR OTHER UTILITIES	(5) KWH FOR INTERRUPTIBLE	(6) KWH FOR FIRM		
<i>ACTUAL</i>							
1 Bay County/Engen, LLC	Contract	43,663,000	0	0	0	3.11	1,359,721
2 Renewable Energy Customers	COG 1	0	0	0	0	0.00	262
3 Ascend Performance Materials	COG 1	124,494,751	0	0	0	3.77	4,694,190
4 International Paper	COG 1	1,027,956	0	0	0	2.98	30,683
5 TOTAL		169,185,707	0	0	0	3.60	6,084,857



**SCHEDULE A-9**

**ECONOMY ENERGY PURCHASES  
INCLUDING LONG TERM PURCHASES  
GULF POWER COMPANY  
FOR THE MONTH OF: NOVEMBER 2018**

	(1) PURCHASED FROM	CURRENT MONTH			PERIOD - TO - DATE		
		(2) TOTAL KWH PURCHASED	(3) TRANS. COST ¢ / KWH	(4) TOTAL \$ FOR FUEL ADJ.	(5) TOTAL KWH PURCHASED	(6) TRANS. COST ¢ / KWH	(7) TOTAL \$ FOR FUEL ADJ.
<u>ESTIMATED</u>							
1	Southern Company Interchange	10,483,000	1.98	207,250	427,066,000	2.65	11,315,888
2	Economy Energy	2,466,000	2.58	63,724	51,848,000	2.99	1,551,530
3	Other Purchases	594,187,000	3.07	18,256,000	5,541,064,000	3.17	175,668,000
4	TOTAL ESTIMATED PURCHASES	<u>607,136,000</u>	<u>3.05</u>	<u>18,526,973</u>	<u>6,019,978,000</u>	<u>3.13</u>	<u>188,535,418</u>
<u>ACTUAL</u>							
5	Southern Company Interchange	9,799,520	2.99	293,377.00	514,594,903	3.17	16,334,550
6	Non-Associated Companies	28,547,784	4.91	1,401,674.20	380,125,877	4.04	15,359,809
7	Purchased Power Agreements	340,819,000	3.45	11,746,482.00	3,731,596,000	2.97	111,014,426
8	Renewable Energy Purchase Agreements	124,897,194	3.90	4,876,626.23	1,172,711,838	3.99	46,786,831
9	Other Wheeled Energy	1,726,542	0.00	N/A	17,069,805	0.00	N/A
10	Other Transactions	43,800	0.00	20,065.00	456,900	0.00	139,355
11	Less: Flow-Thru Energy	(9,661,392)	3.02	(291,546.00)	(90,131,811)	3.29	(2,966,564)
12	TOTAL ACTUAL PURCHASES	<u>496,172,448</u>	<u>3.64</u>	<u>18,046,678.43</u>	<u>5,726,423,512</u>	<u>3.26</u>	<u>186,668,407</u>
13	Difference in Amount	(110,963,552)	0.59	(480,295)	(293,554,488)	0.13	(1,867,011)
14	Difference in Percent	(18.28)	19.34	(2.59)	(4.88)	4.15	(0.99)

2018 CAPACITY CONTRACTS  
GULF POWER COMPANY

A. CONTRACT/COUNTERPARTY	CONTRACT TYPE	TERM Start	TERM End	Capacity Costs (\$)												YTD		
				January	February	March	April	May	June	July	August	September	October	November	December			
1 Southern Intercompany Interchange	SES Opco	2/18/2007	5 Yr Notice	0	0	0	4,062	9,190	0	0	0	0	0	0	0	0	0	13,252
2 Power Purchase Agreements & Other Confidential Agreements				7,195,635	7,194,258	7,194,258	7,194,258	6,356,037	7,194,258	7,181,768	7,183,145	7,183,145	7,166,515	7,173,124	7,181,768	7,181,768	7,181,768	78,215,024
<b>Total</b>				7,195,635	7,194,258	7,194,258	7,198,320	6,365,227	7,194,258	7,181,768	7,183,145	7,183,145	7,166,515	7,173,124	7,181,768	7,181,768	7,181,768	78,228,276

B. CONTRACT/COUNTERPARTY	CONTRACT TYPE	TERM Start	TERM End	Capacity Costs (MW)														
				January	February	March	April	May	June	July	August	September	October	November	December			
1 Southern Intercompany Interchange	SES Opco	2/18/2007	5 Yr Notice	Varies	Varies	Varies	37	84	Varies	Varies	Varies	Varies	Varies	Varies	Varies	Varies	Varies	0
2 Power Purchase Agreements & Other Confidential Agreements				Varies	Varies	Varies	Varies	Varies	Varies	Varies	Varies	Varies	Varies	Varies	Varies	Varies	Varies	0

<b>Acronym</b>	<b>Definition</b>
MWH	Megawatt Hour
KWH	Kilowatt Hour
T&D	Transmission & Distribution
Adj.	Adjusted
GPIF	Generating Performance Incentive Factor
Terr.	Territorial
Adj. Revs.	Adjusted Revenues
Juris.	Jurisdictional
B.L.	Boiler Lighter
BBL	Oil Barrel
C.T.	Combustion Turbine
cf	Cubic feet
MCF	Thousand cubic feet
BTU	British Thermal Unit
MMBTU	Million British Thermal Units
lbs.	Pounds
Gal.	Gallons
Deprec.	Depreciation
Econ.	Economy
COG	Cogeneration
Co-op	Cooperative

## A-6 Counterparties

<b>Party</b>	<b>Name</b>
AEC	PowerSouth Energy Cooperative
AECI	Associated Electric Cooperative Inc.
CARGILE	Cargill Power Markets, LLC
DUKE PWR	Duke Energy Corporation
EAGLE EN	EDF Trading North America, LLC
ENDURE	Endure Energy, LLC
EXELON	Exelon Generation Company
FPC	Duke Energy Florida
FPL	Florida Power & Light Company
MACQUARI	Macquarie Group
MERCURIA	Mercuria Energy Group
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.: 20180001-EI

**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true copy of the foregoing was furnished by electronic mail this 20th day of December, 2018 to the following:

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