



Robert L. McGee, Jr.  
Regulatory & Pricing Manager

FILED NOV 21, 2016  
DOCUMENT NO. 08905-16  
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: Commission Staff's minimum filing requirements in support of the Monthly Fuel and Purchased Power Cost Recovery Charge in Docket No. 160001-EI.

Dear Ms. Stauffer:

Attached for official filing is Gulf Power Company's Actual Unit Performance Data Schedules and the Actual Unit Outage Data Schedules for October 2016, Retail Cost Recovery Charges for Plant Crist, Plant Smith, and Plant Daniel. These schedules are being sent separate from the monthly fuel filing.

Sincerely,

A handwritten signature in blue ink that reads "Robert L. McGee, Jr.".

Robert L. McGee, Jr.  
Regulatory and Pricing Manager

md

Attachment

cc w/attachment: Florida Public Service Commission  
Michael C. Barrett

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2016 - December 2016

	CRIST 6	Jan '16	Feb '16	Mar '16	Apr '16	May '16	Jun '16	Jul '16	Aug '16	Sep '16	Oct '16			
1.	EAF (%)	99.8	100.0	100.0	22.0	83.7	99.9	94.1	100.0	83.5	93.5			
2.	PH	744	696	743	720	744	720	744	744	720	744			
3.	SH	416.0	186.2	0.0	38.4	282.2	720.0	700.3	744.0	606.3	695.6			
4.	RSH	326.3	509.9	743.0	120.0	345.0	0.0	0.0	0.0	0.0	0.0			
5.	UH	1.7	0.0	0.0	561.6	116.8	0.0	43.7	0.0	113.7	48.4			
6.	POH	0.0	0.0	0.0	561.6	0.0	0.0	0.0	0.0	0.0	0.0			
7.	FOH	1.7	0.0	0.0	0.0	92.8	0.0	0.0	0.0	0.0	0.0			
8.	MOH	0.0	0.0	0.0	0.0	24.0	0.0	43.7	0.0	113.7	48.4			
9.	PFOH	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	6.9	0.0			
10.	LR pf (MW)	0.0	0.0	0.0	0.0	0.0	115.0	0.0	0.0	228.0	0.0			
11.	PMOH	0.0	0.0	0.0	0.0	8.1	0.0	0.0	0.0	0.0	0.0			
12.	LR pm (MW)	0.0	0.0	0.0	0.0	154.0	0.0	0.0	0.0	0.0	0.0			
13.	NSC (MW)	299	299	299	299	299	299	299	299	299	299			
14.	Oper MBtu	790,662	331,253	0	72,591	499,021	1,383,751	1,426,839	1,459,026	1,127,960	1,380,780			
15.	Net Gen (MWH)	70,546	29,948	0	6,173	43,197	124,529	130,446	132,327	100,865	126,218			
16.	ANOHR (Btu/KWH)	11,208	11,061	0	11,759	11,552	11,112	10,938	11,026	11,183	10,940			
17.	NOF %	56.7	53.8	0.0	53.8	51.2	57.8	62.3	59.5	55.6	60.7			
18.	NPC (MW)	299	299	299	299	299	299	299	299	299	299			
19.	ANOHR Equation	$10^6 / AKW * [ 220.03 + 121.02 * JAN + 73.43 * FEB + 86.96 * MAR + 148.44 * APR - 45.41 * JUL + 50.46 * AUG ]$ + 9,571												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2016 - December 2016

CRIST7	Jan '16	Feb '16	Mar '16	Apr '16	May '16	Jun '16	Jul '16	Aug '16	Sep '16	Oct '16			
1. EAF (%)	96.1	99.7	25.8	94.9	85.3	98.8	100.0	90.3	100.0	77.7			
2. PH	744	696	743	720	744	720	744	744	720	744			
3. SH	483.0	367.1	37.3	582.3	634.6	720.0	744.0	672.0	720.0	587.1			
4. RSH	232.1	326.6	154.7	101.1	0.0	0.0	0.0	0.0	0.0	0.0			
5. UH	29.0	2.3	551.0	36.6	109.4	0.0	0.0	72.0	0.0	156.9			
6. POH	0.0	0.0	551.0	0.0	0.0	0.0	0.0	0.0	0.0	69.4			
7. FOH	0.0	2.3	0.0	36.6	4.0	0.0	0.0	27.3	0.0	0.0			
8. MOH	29.0	0.0	0.0	0.0	105.4	0.0	0.0	44.7	0.0	87.6			
9. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
10. LR pf (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
11. PMOH	0.0	0.0	0.0	0.0	0.0	16.6	0.0	0.0	0.0	100.9			
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	240.0	0.0	0.0	0.0	43.4			
13. NSC (MW)	475	475	475	475	475	475	475	475	475	475			
14. Oper MBtu	1,446,847	991,565	62,368	1,645,742	1,753,886	2,298,819	2,626,187	2,181,547	2,380,105	1,897,355			
15. Net Gen (MWH)	133.193	92,386	4,867	147,859	155,960	211,370	247,451	215,457	220,593	176,510			
16. ANOHR (Btu/KWH)	10,863	10,733	12,814	11,130	11,246	10,876	10,613	10,125	10,790	10,749			
17. NOF %	58.1	53.0	27.5	53.5	51.7	61.8	70.0	67.5	64.5	63.3			
18. NPC (MW)	475	475	475	475	475	475	475	475	475	475			
19. ANOHR Equation	$10^6 / AKW * [ 295.33 - 45.69 * JAN + 68.87 * APR + 109.39 * JUN + 102.36 * JUL + 49.41 * AUG ]$ + 9.505												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2016 - December 2016

SMITH 3	Jan '16	Feb '16	Mar '16	Apr '16	May '16	Jun '16	Jul '16	Aug '16	Sep '16	Oct '16			
1. EAF (%)	99.9	100.0	100.0	96.6	68.4	100.0	100.0	97.7	46.5	0.0			
2. PH	744	696	743	720	744	720	744	744	720	744			
3. SH	655.3	663.2	743.0	695.7	487.0	720.0	744.0	744.0	328.9	0.0			
4. RSH	88.7	32.8	0.0	0.0	23.5	0.0	0.0	0.0	6.1	0.0			
5. UH	0.0	0.0	0.0	24.3	233.4	0.0	0.0	0.0	385.0	744.0			
6. POH	0.0	0.0	0.0	24.3	196.2	0.0	0.0	0.0	385.0	744.0			
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
8. MOH	0.0	0.0	0.0	0.0	37.2	0.0	0.0	0.0	0.0	0.0			
9. PFOH	0.9	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.4	0.0			
10. LR pf (MW)	266.0	0.0	0.0	0.0	223.0	0.0	0.0	0.0	202.0	0.0			
11. PMOH	0.0	0.0	0.0	0.0	2.3	0.0	0.0	43.4	0.0	0.0			
12. LR pm (MW)	0.0	0.0	0.0	0.0	223.0	0.0	0.0	222.0	0.0	0.0			
13. NSC (MW)	584	584	558	558	558	556	556	556	556	558			
14. Oper MBtu	2,268,695	2,166,452	2,733,595	2,494,483	1,666,063	2,484,478	2,593,986	2,498,594	1,121,300	0			
15. Net Gen (MWH)	328,247	305,070	390,932	354,239	231,092	348,517	358,966	348,198	153,119	0			
16. ANOHR (Btu/KWH)	6,912	7,101	6,993	7,042	7,210	7,129	7,226	7,176	7,323	0			
17. NOF %	85.8	78.8	94.3	91.3	85.0	87.1	86.8	84.2	83.7	0.0			
18. NPC (MW)	584	584	558	558	558	556	556	556	556	558			
19. ANOHR Equation	$10^6 / AKW * [ 161.14 + 33.85 * JUL ]$ + 6,534												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2016 - December 2016

	DANIEL 1	Jan '16	Feb '16	Mar '16	Apr '16	May '16	Jun '16	Jul '16	Aug '16	Sep '16	Oct '16			
1.	EAF (%)	99.2	100.0	85.7	99.3	100.0	100.0	98.7	100.0	84.0	99.9			
2.	PH	744	696	743	720	744	720	744	744	720	744			
3.	SH	548.4	352.6	0.0	126.1	50.9	493.4	736.2	744.0	608.7	324.4			
4.	RSH	195.6	343.5	636.9	593.9	693.1	226.6	0.0	0.0	0.0	419.6			
5.	UH	0.0	0.0	106.1	0.0	0.0	0.0	7.8	0.0	111.3	0.0			
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
7.	FOH	0.0	0.0	0.0	0.0	0.0	0.0	7.8	0.0	0.0	0.0			
8.	MOH	0.0	0.0	106.1	0.0	0.0	0.0	0.0	0.0	111.3	0.0			
9.	PFOH	34.5	0.7	0.0	27.8	0.0	0.0	9.1	0.0	18.1	4.7			
10.	LR pf (MW)	86.2	95.0	0.0	89.8	0.0	0.0	102.4	0.0	105.9	62.1			
11.	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
13.	NSC (MW)	510	510	510	510	510	510	510	510	510	510			
14.	Oper MBtu	1,215,542	606,229	0	280,625	81,399	1,313,486	2,067,398	1,728,933	1,354,844	694,575			
15.	Net Gen (MWH)	104,472	55,072	0	20,238	7,362	109,602	177,681	146,886	115,361	66,037			
16.	ANOHR (Btu/KWH)	11,635	11,008	0	13,866	11,057	11,984	11,635	11,771	11,744	10,518			
17.	NOF %	37.4	30.6	0.0	31.5	28.4	43.6	47.3	38.7	37.2	39.9			
18.	NPC (MW)	510	510	510	510	510	510	510	510	510	510			
19.	ANOHR Equation	$10^6 / AKW * [ 245.04 + 91.84 * MAY + 145.07 * OCT ]$ + 9,666												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2016 - December 2016

DANIEL 2	Jan '16	Feb '16	Mar '16	Apr '16	May '16	Jun '16	Jul '16	Aug '16	Sep '16	Oct '16			
1. EAF (%)	99.8	98.5	85.7	99.8	100.0	99.4	99.1	100.0	71.7	98.9			
2. PH	744	696	743	720	744	720	744	744	720	744			
3. SH	512.4	399.0	0.0	114.4	398.3	715.9	736.5	744.0	516.4	739.6			
4. RSH	230.4	297.1	636.9	605.6	345.7	0.0	1.7	0.0	0.0	0.0			
5. UH	1.2	0.0	106.1	0.0	0.0	4.1	5.8	0.0	203.6	4.4			
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
7. FOH	1.2	0.0	0.0	0.0	0.0	4.1	0.0	0.0	26.7	4.4			
8. MOH	0.0	0.0	106.1	0.0	0.0	0.0	5.8	0.0	176.9	0.0			
9. PFOH	1.4	1.1	0.0	1.1	0.7	0.0	5.6	0.0	0.0	16.4			
10. LR pf (MW)	45.7	248.0	0.0	506.0	52.0	0.0	78.6	0.0	0.0	119.2			
11. PMOH	0.0	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
12. LR pm (MW)	0.0	395.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
13. NSC (MW)	510	510	510	510	510	510	510	510	510	510			
14. Oper MBtu	1,210,701	904,091	0	248,364	752,960	1,718,915	2,099,648	1,730,828	1,270,815	1,592,685			
15. Net Gen (MWH)	102,289	87,471	0	19,005	57,837	142,910	179,701	147,293	107,299	134,754			
16. ANOHR (Btu/KWH)	11,836	10,336	0	13,068	13,019	12,028	11,684	11,751	11,844	11,819			
17. NOF %	39.1	43.0	0.0	32.6	28.5	39.1	47.8	38.8	40.7	35.7			
18. NPC (MW)	510	510	510	510	510	510	510	510	510	510			
19. ANOHR Equation	$10^6 / AKW * [ 532.09 - 98.87 * FEB + 51.13 * MAY + 82.11 * JUN - 83.00 * NOV ]$ + 8,529												

**ACTUAL UNIT OUTAGE DATA**

**GULF POWER COMPANY**

October, 2016

Crist 6

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
9/28/2016	FMO	48.4	299.0	Air heater wash.

\* FFO - Full Forced Outage  
 PFO - Partial Forced Outage  
 FMO - Full Maintenance Outage  
 PMO - Partial Maintenance Outage  
 PO - Planned Outage

**ACTUAL UNIT OUTAGE DATA**

**GULF POWER COMPANY**

October, 2016

Crist 7

<b>DATE</b>	<b>OUTAGE TYPE *</b>	<b>HOURS</b>	<b>(MW) AFFECTED</b>	<b>DESCRIPTION</b>
10/6/2016	PMO	95.7	33.0	Plugged air heaters.
10/10/2016	FMO	76.5	475.0	Air heater wash.
10/17/2016	FMO	11.1	475.0	Repair cold reheat TWIP drain.
10/19/2016	PMO	5.2	234.0	Boiler feed pump turbine hydraulic leak repair.
10/29/2016	PO	69.4	475.0	Replace bottom ash system.

**\* FFO - Full Forced Outage**  
**PFO - Partial Forced Outage**  
**FMO - Full Maintenance Outage**  
**PMO - Partial Maintenance Outage**  
**PO - Planned Outage**









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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