



Robert L. McGee, Jr.  
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October 20, 2016

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

Re: 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 September 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." 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

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				
1. EAF (%)	99.8	100.0	100.0	22.0	83.7	99.9	94.1	100.0	83.5				
2. PH	744	696	743	720	744	720	744	744	720				
3. SH	416.0	186.2	0.0	38.4	282.2	720.0	700.3	744.0	606.3				
4. RSH	326.3	509.9	743.0	120.0	345.0	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				
6. POH	0.0	0.0	0.0	561.6	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				
8. MOH	0.0	0.0	0.0	0.0	24.0	0.0	43.7	0.0	113.7				
9. PFOH	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	6.9				
10. LR pf (MW)	0.0	0.0	0.0	0.0	0.0	115.0	0.0	0.0	228.0				
11. PMOH	0.0	0.0	0.0	0.0	8.1	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				
13. NSC (MW)	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				
15. Net Gen (MWH)	70,546	29,948	0	6,173	43,197	124,529	130,446	132,327	100,865				
16. ANOHR (Btu/KWH)	11,208	11,061	0	11,759	11,552	11,112	10,938	11,026	11,183				
17. NOF %	56.7	53.8	0.0	53.8	51.2	57.8	62.3	59.5	55.6				
18. NPC (MW)	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**

	CRIST 7	Jan '16	Feb '16	Mar '16	Apr '16	May '16	Jun '16	Jul '16	Aug '16	Sep '16				
1.	EAF (%)	96.1	99.7	25.8	94.9	85.3	98.8	100.0	90.3	100.0				
2.	PH	744	696	743	720	744	720	744	744	720				
3.	SH	483.0	367.1	37.3	582.3	634.6	720.0	744.0	672.0	720.0				
4.	RSH	232.1	326.6	154.7	101.1	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				
6.	POH	0.0	0.0	551.0	0.0	0.0	0.0	0.0	0.0	0.0				
7.	FOH	0.0	2.3	0.0	36.6	4.0	0.0	0.0	27.3	0.0				
8.	MOH	29.0	0.0	0.0	0.0	105.4	0.0	0.0	44.7	0.0				
9.	PFOH	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				
11.	PMOH	0.0	0.0	0.0	0.0	0.0	16.6	0.0	0.0	0.0				
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	240.0	0.0	0.0	0.0				
13.	NSC (MW)	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				
15.	Net Gen (MWH)	133,193	92,386	4,867	147,859	155,960	211,370	247,451	215,457	220,593				
16.	ANOHR (Btu/KWH)	10,863	10,733	12,814	11,130	11,246	10,876	10,613	10,125	10,790				
17.	NOF %	58.1	53.0	27.5	53.5	51.7	61.8	70.0	67.5	64.5				
18.	NPC (MW)	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				
1.	EAF (%)	99.9	100.0	100.0	96.6	68.4	100.0	100.0	97.7	46.5				
2.	PH	744	696	743	720	744	720	744	744	720				
3.	SH	655.3	663.2	743.0	695.7	487.0	720.0	744.0	744.0	328.9				
4.	RSH	88.7	32.8	0.0	0.0	23.5	0.0	0.0	0.0	6.1				
5.	UH	0.0	0.0	0.0	24.3	233.4	0.0	0.0	0.0	385.0				
6.	POH	0.0	0.0	0.0	24.3	196.2	0.0	0.0	0.0	385.0				
7.	FOH	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				
9.	PFOH	0.9	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.4				
10.	LR pf (MW)	266.0	0.0	0.0	0.0	223.0	0.0	0.0	0.0	202.0				
11.	PMOH	0.0	0.0	0.0	0.0	2.3	0.0	0.0	43.4	0.0				
12.	LR pm (MW)	0.0	0.0	0.0	0.0	223.0	0.0	0.0	222.0	0.0				
13.	NSC (MW)	584	584	558	558	558	556	556	556	556				
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				
15.	Net Gen (MWH)	328,247	305,070	390,932	354,239	231,092	348,517	358,966	348,198	153,119				
16.	ANOHR (Btu/KWH)	6,912	7,101	6,993	7,042	7,210	7,129	7,226	7,176	7,323				
17.	NOF %	85.8	78.8	94.3	91.3	85.0	87.1	86.8	84.2	83.7				
18.	NPC (MW)	584	584	558	558	558	556	556	556	556				
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 I	Jan '16	Feb '16	Mar '16	Apr '16	May '16	Jun '16	Jul '16	Aug '16	Sep '16				
1.	EAF (%)	99.2	100.0	85.7	99.3	100.0	100.0	98.7	100.0	84.0				
2.	PH	744	696	743	720	744	720	744	744	720				
3.	SH	548.4	352.6	0.0	126.1	50.9	493.4	736.2	744.0	608.7				
4.	RSH	195.6	343.5	636.9	593.9	693.1	226.6	0.0	0.0	0.0				
5.	UH	0.0	0.0	106.1	0.0	0.0	0.0	7.8	0.0	111.3				
6.	POH	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				
8.	MOH	0.0	0.0	106.1	0.0	0.0	0.0	0.0	0.0	111.3				
9.	PFOH	34.5	0.7	0.0	27.8	0.0	0.0	9.1	0.0	18.1				
10.	LR pf (MW)	86.2	95.0	0.0	89.8	0.0	0.0	102.4	0.0	105.9				
11.	PMOH	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				
13.	NSC (MW)	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				
15.	Net Gen (MWH)	104,472	55,072	0	20,238	7,362	109,602	177,681	146,886	115,361				
16.	ANOHR (Btu/KWH)	11,635	11,008	0	13,866	11,057	11,984	11,635	11,771	11,744				
17.	NOF %	37.4	30.6	0.0	31.5	28.4	43.6	47.3	38.7	37.2				
18.	NPC (MW)	510	510	510	510	510	510	510	510	510				
19.	ANOHR Equation	$10^6 / \text{AKW} * [ 245.04 + 91.84 * \text{MAY} + 145.07 * \text{OCT} ]$ + 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			
1.	EAF (%)	99.8	98.5	85.7	99.8	100.0	99.4	99.1	100.0	71.7			
2.	PH	744	696	743	720	744	720	744	744	720			
3.	SH	512.4	399.0	0.0	114.4	398.3	715.9	736.5	744.0	516.4			
4.	RSH	230.4	297.1	636.9	605.6	345.7	0.0	1.7	0.0	0.0			
5.	UH	1.2	0.0	106.1	0.0	0.0	4.1	5.8	0.0	203.6			
6.	POH	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			
8.	MOH	0.0	0.0	106.1	0.0	0.0	0.0	5.8	0.0	176.9			
9.	PFOH	1.4	1.1	0.0	1.1	0.7	0.0	5.6	0.0	0.0			
10.	LR pf (MW)	45.7	248.0	0.0	506.0	52.0	0.0	78.6	0.0	0.0			
11.	PMOH	0.0	13.1	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			
13.	NSC (MW)	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			
15.	Net Gen (MWH)	102,289	87,471	0	19,005	57,837	142,910	179,701	147,293	107,299			
16.	ANOHR (Btu/KWH)	11,836	10,336	0	13,068	13,019	12,028	11,684	11,751	11,844			
17.	NOF %	39.1	43.0	0.0	32.6	28.5	39.1	47.8	38.8	40.7			
18.	NPC (MW)	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**

**September, 2016**

**Crist 6**

<b>DATE</b>	<b>OUTAGE TYPE *</b>	<b>HOURS</b>	<b>(MW) AFFECTED</b>	<b>DESCRIPTION</b>
9/20/2016	PFO	6.9	228.0	Tripped mills.
9/21/2016	FMO	64.0	299.0	Boiler tube leak.
9/28/2016	FMO	49.7	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  
September, 2016  
Smith 3

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
9/1/2016	PFO	0.4	202.0	Feedwater gas heater feedwater leak.
9/14/2016	PO	385.0	556.0	Major steam turbine and gas turbine outage.

\* 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**

September, 2016

Daniel 1

<b>DATE</b>	<b>OUTAGE TYPE *</b>	<b>HOURS</b>	<b>(MW) AFFECTED</b>	<b>DESCRIPTION</b>
9/8/2016	FMO	7.3	510.0	Install plug in mill air duct.
9/12/2016	PFO	11.3	130.0	Loss of mill from explosion door blowout.
9/13/2016	PFO	0.5	150.0	Feeder trip from coal blockage.
9/15/2016	FMO	104.0	510.0	Ash sluice pump intake cleaning.
9/21/2016	PFO	1.3	105.0	Coal stoppage in feeder.
9/23/2016	PFO	4.9	45.0	Mill discharge pipe fire.

\* 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**

September, 2016

Daniel 2

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
9/11/2016	FFO	26.7	510.0	Unit trip for equipment protection.
9/12/2016	FMO	176.9	510.0	Travelling water screen repair.

\* 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 20th day of October, 2016 to the following:

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