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June 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 May 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								
1.	EAF (%)	99.8	100.0	100.0	22.0	83.7								
2.	PH	744	696	743	720	744								
3.	SH	416.0	186.2	0.0	38.4	282.2								
4.	RSH	326.3	509.9	743.0	120.0	345.0								
5.	UH	1.7	0.0	0.0	561.6	116.8								
6.	POH	0.0	0.0	0.0	561.6	0.0								
7.	FOH	1.7	0.0	0.0	0.0	92.8								
8.	MOH	0.0	0.0	0.0	0.0	24.0								
9.	PFOH	0.0	0.0	0.0	0.0	0.0								
10.	LR pf (MW)	0.0	0.0	0.0	0.0	0.0								
11.	PMOH	0.0	0.0	0.0	0.0	8.1								
12.	LR pm (MW)	0.0	0.0	0.0	0.0	154.0								
13.	NSC (MW)	299	299	299	299	299								
14.	Oper MBtu	790,662	331,253	0	72,591	499,021								
15.	Net Gen (MWH)	70,546	29,948	0	6,173	43,197								
16.	ANOHR (Btu/KWH)	11,208	11,061	0	11,759	11,552								
17.	NOF %	56.7	53.8	0.0	53.8	51.2								
18.	NPC (MW)	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							
1.	EAF (%)	96.1	99.7	22.6	94.9	85.3							
2.	PH	744	696	743	720	744							
3.	SH	483.0	367.1	37.3	582.3	634.6							
4.	RSH	232.1	326.6	130.7	101.1	0.0							
5.	UH	29.0	2.3	575.0	36.6	109.4							
6.	POH	0.0	0.0	575.0	0.0	0.0							
7.	FOH	0.0	2.3	0.0	36.6	4.0							
8.	MOH	29.0	0.0	0.0	0.0	105.4							
9.	PFOH	0.0	0.0	0.0	0.0	0.0							
10.	LR pf (MW)	0.0	0.0	0.0	0.0	0.0							
11.	PMOH	0.0	0.0	0.0	0.0	0.0							
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0							
13.	NSC (MW)	475	475	475	475	475							
14.	Oper MBtu	1,446,847	991,565	62,368	1,645,742	1,753,886							
15.	Net Gen (MWH)	133,193	92,386	4,867	147,859	155,960							
16.	ANOHR (Btu/KWH)	10,863	10,733	12,814	11,130	11,246							
17.	NOF %	58.1	53.0	27.5	53.5	51.7							
18.	NPC (MW)	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								
1.	EAF (%)	99.9	100.0	100.0	96.6	68.4								
2.	PH	744	696	743	720	744								
3.	SH	655.3	663.2	743.0	695.7	487.0								
4.	RSH	88.7	32.8	0.0	0.0	23.5								
5.	UH	0.0	0.0	0.0	24.3	233.4								
6.	POH	0.0	0.0	0.0	24.3	196.2								
7.	FOH	0.0	0.0	0.0	0.0	0.0								
8.	MOH	0.0	0.0	0.0	0.0	37.2								
9.	PFOH	0.9	0.0	0.0	0.0	1.1								
10.	LR pf (MW)	266.0	0.0	0.0	0.0	223.0								
11.	PMOH	0.0	0.0	0.0	0.0	2.3								
12.	LR pm (MW)	0.0	0.0	0.0	0.0	223.0								
13.	NSC (MW)	584	584	558	558	558								
14.	Oper MBtu	2,268,695	2,166,452	2,733,595	2,494,483	1,666,063								
15.	Net Gen (MWH)	328,247	305,070	390,932	354,239	231,092								
16.	ANOHR (Btu/KWH)	6,912	7,101	6,993	7,042	7,210								
17.	NOF %	85.8	78.8	94.3	91.3	85.0								
18.	NPC (MW)	584	584	558	558	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 I	Jan '16	Feb '16	Mar '16	Apr '16	May '16								
1.	EAF (%)	99.2	100.0	85.7	99.3	100.0								
2.	PH	744	696	743	720	744								
3.	SH	548.4	352.6	0.0	126.1	50.9								
4.	RSH	195.6	343.5	636.9	593.9	693.1								
5.	UH	0.0	0.0	106.1	0.0	0.0								
6.	POH	0.0	0.0	0.0	0.0	0.0								
7.	FOH	0.0	0.0	0.0	0.0	0.0								
8.	MOH	0.0	0.0	106.1	0.0	0.0								
9.	PFOH	34.5	0.7	0.0	27.8	0.0								
10.	LR pf (MW)	86.2	95.0	0.0	89.8	0.0								
11.	PMOH	0.0	0.0	0.0	0.0	0.0								
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0								
13.	NSC (MW)	510	510	510	510	510								
14.	Oper MBtu	1,166,376	606,229	0	280,625	81,399								
15.	Net Gen (MWH)	104,472	55,072	0	20,238	7,362								
16.	ANOHR (Btu/KWH)	11,164	11,008	0	13,866	11,057								
17.	NOF %	37.4	30.6	0.0	31.5	28.4								
18.	NPC (MW)	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								
1.	EAF (%)	99.8	98.5	85.7	99.8	100.0								
2.	PH	744	696	743	720	744								
3.	SH	512.4	399.0	0.0	114.4	398.3								
4.	RSH	230.4	297.1	636.9	605.6	345.7								
5.	UH	1.2	0.0	106.1	0.0	0.0								
6.	POH	0.0	0.0	0.0	0.0	0.0								
7.	FOH	1.2	0.0	0.0	0.0	0.0								
8.	MOH	0.0	0.0	106.1	0.0	0.0								
9.	PFOH	1.4	1.1	0.0	1.1	0.7								
10.	LR pf (MW)	45.7	248.0	0.0	506.0	52.0								
11.	PMOH	0.0	13.1	0.0	0.0	0.0								
12.	LR pm (MW)	0.0	395.0	0.0	0.0	0.0								
13.	NSC (MW)	510	510	510	510	510								
14.	Oper MBtu	1,142,824	904,091	0	248,364	752,960								
15.	Net Gen (MWH)	102,289	87,471	0	19,005	57,837								
16.	ANOHR (Btu/KWH)	11,172	10,336	0	13,068	13,019								
17.	NOF %	39.1	43.0	0.0	32.6	28.5								
18.	NPC (MW)	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

May, 2016

Crist 6

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
5/4/2016	FFO	92.8	299.0	Waterwall tube leak.
5/20/2016	PMO	8.1	154.0	Dislodge scrubber agitator.
5/26/2016	FMO	24.0	299.0	Scrubber isolation damper repairs.

- \* 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**

**May, 2016**

**Daniel 1**

DATE	OUTAGE TYPE *	HOURS	AFFECTED (MW)	DESCRIPTION
				No events.

\* 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 June, 2016 to the following:

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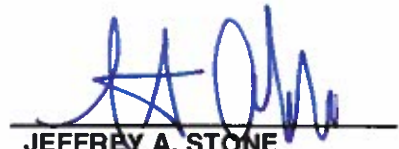
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