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May 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 April 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." in a cursive style.

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

April, 2016

Daniel 1

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
4/28/2016	PFO	7.3	50.0	Broken feeder belt.
4/29/2016	PFO	1.5	456.0	Superheater spray check valves stuck closed.
4/29/2016	PFO	6.8	54.1	Broken feeder belt.
4/29/2016	PFO	4.7	125.0	Broken feeder belt pulley.
4/29/2016	PFO	2.8	60.0	Broken feeder belt pulley.
4/29/2016	PFO	1.5	125.0	Pulverizer mill inspection.
4/29/2016	PFO	3.3	50.0	Pulverizer mill inspection.

- * 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 May, 2016 to the following:

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