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June 20, 2017

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. 170001-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 2017, Retail Cost Recovery Charges for Plant Crist, Plant Smith, Plant Scherer, 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 2017 - December 2017

	CRIST 7	Jan '17	Feb '17	Mar '17	Apr '17	May '17								
1.	EAF (%)	95.1	78.3	100.0	81.1	0.0								
2.	PH	744	672	743	720	744								
3.	SH	707.6	534.1	743.0	587.1	0.0								
4.	RSH	0.0	0.0	0.0	0.0	0.0								
5.	UH	36.4	137.9	0.0	132.9	744.0								
6.	POH	0.0	0.0	0.0	48.0	744.0								
7.	FOH	0.7	0.0	0.0	0.0	0.0								
8.	MOH	35.8	137.9	0.0	84.9	0.0								
9.	PFOH	0.0	15.3	0.0	0.0	0.0								
10.	LR pf (MW)	0.0	207.0	0.0	0.0	0.0								
11.	PMOH	0.0	3.5	0.0	6.8	0.0								
12.	LR pm (MW)	0.0	207.0	0.0	227.0	0.0								
13.	NSC (MW)	475	475	475	475	475								
14.	Oper MBtu	2,228,298	1,408,885	2,345,603	2,043,959	0								
15.	Net Gen (MWH)	210,573	130,419	226,397	202,854	0								
16.	ANOHR (Btu/KWH)	10,582	10,803	10,361	10,076	0								
17.	NOF %	62.7	51.4	64.1	72.7	0.0								
18.	NPC (MW)	475	475	475	475	475								
19.	ANOHR Equation	$10^{*6} / AKW * [ 289.45 - 65.63 * JAN - 47.70 * FEB + 85.87 * APR + 114.25 * JUN + 68.08 * JUL + 66.42 * AUG ]$ + 9,556												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2017 - December 2017**

	Jan '17	Feb '17	Mar '17	Apr '17	May '17								
SCHERER 3													
1. EAF (%)	100.0	100.0	76.4	0.0	42.8								
2. PH	744	672	743	720	744								
3. SH	367.3	398.7	398.5	0.0	319.8								
4. RSH	376.7	273.3	171.9	0.0	0.0								
5. UH	0.0	0.0	172.6	720.0	424.2								
6. POH	0.0	0.0	169.3	720.0	424.2								
7. FOH	0.0	0.0	3.3	0.0	0.0								
8. MOH	0.0	0.0	0.0	0.0	0.0								
9. PFOH	0.0	0.0	0.0	0.0	7.2								
10. LR pf (MW)	0.0	0.0	0.0	0.0	191.3								
11. PMOH	0.0	0.0	24.7	0.0	0.0								
12. LR pm (MW)	0.0	0.0	87.0	0.0	0.0								
13. NSC (MW)	839	839	839	839	839								
14. Oper MBtu	1,812,776	1,620,477	2,119,703	0	1,761,537								
15. Net Gen (MWH)	164,630	153,517	200,281	0	161,256								
16. ANOHR (Btu/KWH)	11,011	10,556	10,584	0	10,924								
17. NOF %	53.4	45.9	59.9	0.0	60.1								
18. NPC (MW)	839	839	839	839	839								
19. ANOHR Equation	$10^6 / AKW * [ 546.07 + 67.96 * FEB - 86.35 * MAR + 101.88 * MAY ]$ $+ 9.691$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2017 - December 2017

	SMITH 3	Jan '17	Feb '17	Mar '17	Apr '17	May '17							
1.	EAF (%)	100.0	100.0	94.2	63.6	100.0							
2.	PH	744	672	743	720	744							
3.	SH	744.0	672.0	697.1	465.8	744.0							
4.	RSH	0.0	0.0	4.7	0.0	0.0							
5.	UH	0.0	0.0	41.3	254.2	0.0							
6.	POH	0.0	0.0	0.0	254.2	0.0							
7.	FOH	0.0	0.0	0.0	0.0	0.0							
8.	MOH	0.0	0.0	41.3	0.0	0.0							
9.	PFOH	0.0	0.0	3.1	22.0	0.0							
10.	LR pf (MW)	0.0	0.0	293.0	212.9	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)	605	605	579	579	579							
14.	Oper MBtu	2,478,301	2,340,476	2,529,648	1,530,638	2,540,571							
15.	Net Gen (MWH)	354,350	337,144	364,373	215,235	365,013							
16.	ANOHR (Btu/KWH)	6,994	6,942	6,942	7,111	6,960							
17.	NOF %	78.7	82.9	90.3	79.8	84.7							
18.	NPC (MW)	605	605	579	579	579							
19.	ANOHR Equation	$10^6 / AKW * [ 21.08 + 44.81 * FEB + 27.39 * MAR + 36.15 * APR + 45.63 * MAY + 55.90 * JUN - 43.01 * OCT ]$ $+ 6.850$											

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2017 - December 2017**

	DANIEL I	Jan '17	Feb '17	Mar '17	Apr '17	May '17								
1.	EAF (%)	100.0	100.0	95.2	96.4	56.2								
2.	PH	744	672	743	720	744								
3.	SH	720.4	0.0	551.0	720.0	418.2								
4.	RSH	23.6	672.0	186.4	0.0	0.0								
5.	UH	0.0	0.0	5.7	0.0	325.8								
6.	POH	0.0	0.0	0.0	0.0	325.8								
7.	FOH	0.0	0.0	5.7	0.0	0.0								
8.	MOH	0.0	0.0	0.0	0.0	0.0								
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	354.5	309.0	0.0								
12.	LR pm (MW)	0.0	0.0	42.0	42.0	0.0								
13.	NSC (MW)	502	502	502	502	502								
14.	Oper MBtu	2,737,030	0	1,044,802	1,450,215	1,307,102								
15.	Net Gen (MWH)	248,759	0	81,231	123,795	112,134								
16.	ANOHR (Btu/KWH)	11,003	0	12,862	11,715	11,657								
17.	NOF %	68.8	0.0	29.4	34.3	53.4								
18.	NPC (MW)	502	502	502	502	502								
19.	ANOHR Equation	$10^6 / AKW * [ 190.55 + 259.92 * APR + 111.26 * MAY + 74.52 * JUN + 183.30 * OCT + 100.15 * NOV ]$ + 9,760												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2017 - December 2017

	DANIEL 2	Jan '17	Feb '17	Mar '17	Apr '17	May '17								
1.	EAF (%)	96.8	100.0	41.9	0.0	10.7								
2.	PH	744	672	743	720	744								
3.	SH	394.7	231.1	0.0	0.0	79.6								
4.	RSH	347.0	440.9	311.0	0.0	0.0								
5.	UH	2.3	0.0	432.0	720.0	664.4								
6.	POH	0.0	0.0	432.0	720.0	664.4								
7.	FOH	2.3	0.0	0.0	0.0	0.0								
8.	MOH	0.0	0.0	0.0	0.0	0.0								
9.	PFOH	72.9	0.0	0.0	0.0	0.0								
10.	LR pf (MW)	150.1	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)	502	502	502	502	502								
14.	Oper MBtu	1,212,020	798,907	0	0	256,868								
15.	Net Gen (MWH)	109,983	81,792	0	0	17,639								
16.	ANOHR (Btu/KWH)	11,020	9,768	0	0	14,562								
17.	NOF %	55.5	70.5	0.0	0.0	44.2								
18.	NPC (MW)	502	502	502	502	502								
19.	ANOHR Equation	$10^6 / AKW * [ 575.65 - 103.95 * FEB - 185.22 * MAR + 105.27 * JUN - 106.15 * NOV ]$ + 8,491												

**ACTUAL UNIT OUTAGE DATA**

**GULF POWER COMPANY**  
 May, 2017  
 Crist 7

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
4/29/2017	PO	744.0	475.0	Boiler 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**

May, 2017

Scherer 3

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
3/24/2017	PO	395.1	839.0	Outage for turbine, condenser, and boiler work.
5/19/2017	PO	29.1	839.0	Fine mesh screen removal.
5/27/2017	PFO	2.2	63.0	ID fan limitation due to scrubber recycle pump out.
5/28/2017	PFO	5.0	248	Boiler feed pump turbine control valve sticking.

\* 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, 2017

Smith 3

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

- \* 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, 2017

Daniel 1

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
5/1/2017	PO	325.8	502.0	Air preheater 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**

May, 2017

Daniel 2

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
3/14/2017	PO	664.4	502.0	Generator rewind and air preheater basket work.

\* 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.: **170001-EI**

**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true copy of the foregoing was furnished by electronic mail this 20th day of June, 2017 to the following:

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