



Rhonda J. Alexander
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May 21, 2018

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. 20180001-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 2018, 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 "Rhonda J. Alexander".

Rhonda J. Alexander
Regulatory, Forecasting 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 2018 - December 2018

	CRIST 7	Jan '18	Feb '18	Mar '18	Apr '18								
1.	EAF (%)	47.4	39.3	0.0	0.0								
2.	PH	744	672	743	720								
3.	SH	352.7	120.1	0.0	0.0								
4.	RSH	0.0	144.0	0.0	0.0								
5.	UH	391.3	407.9	743.0	720.0								
6.	POH	0.0	0.0	695.0	720.0								
7.	FOH	0.0	0.0	0.0	0.0								
8.	MOH	391.3	407.9	48.0	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	1,441,253	407,093	0	0								
15.	Net Gen (MWH)	139,399	39,765	0	0								
16.	ANOHR (Btu/KWH)	10,339	10,237	0	0								
17.	NOF %	83.2	69.7	0.0	0.0								
18.	NPC (MW)	475	475	475	475								
19.	ANOHR Equation	$10^6 / AKW * [330.88 - 62.20 * JAN - 68.36 * FEB - 48.28 * MAR - 28.26 * NOV]$ $+ 9.711 - 0.00043 * LSRF / AKW$											

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2018 - December 2018

	Jan '18	Feb '18	Mar '18	Apr '18									
SCHERER 3													
1. EAF (%)	99.2	100.0	93.0	99.9									
2. PH	744	672	743	720									
3. SH	738.4	672.0	691.1	720.0									
4. RSH	0.0	0.0	0.0	0.0									
5. UH	5.7	0.0	51.9	0.0									
6. POH	0.0	0.0	0.0	0.0									
7. FOH	5.7	0.0	0.0	0.0									
8. MOH	0.0	0.0	51.9	0.0									
9. PFOH	0.0	0.0	0.0	1.7									
10. LR pf (MW)	0.0	0.0	0.0	359.0									
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)	860	860	860	860									
14. Oper MBtu	4,429,003	2,667,757	2,789,037	3,586,414									
15. Net Gen (MWH)	419,053	238,089	255,178	327,050									
16. ANOHR (Btu/KWH)	10,569	11,205	10,930	10,966									
17. NOF %	66.0	41.2	42.9	52.8									
18. NPC (MW)	860	860	860	860									
19. ANOHR Equation	$10^6 / AKW * [532.42 - 83.71 * MAR + 152.71 * MAY]$ $+ 9,692$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2018 - December 2018

	SMITH 3	Jan '18	Feb '18	Mar '18	Apr '18									
1.	EAF (%)	98.8	99.8	96.5	100.0									
2.	PH	744	672	743	720									
3.	SH	744.0	672.0	725.5	720.0									
4.	RSH	0.0	0.0	0.0	0.0									
5.	UH	0.0	0.0	17.5	0.0									
6.	POH	0.0	0.0	0.0	0.0									
7.	LOH	0.0	0.0	0.0	0.0									
8.	MOH	0.0	0.0	17.5	0.0									
9.	PFOH	3.1	3.3	0.0	0.0									
10.	LR pf (MW)	150.3	276.0	0.0	0.0									
11.	PMOH	17.5	0.0	18.2	0.0									
12.	LR pm (MW)	276.0	0.0	276.0	0.0									
13.	NSC (MW)	605	605	579	579									
14.	Oper MBtu	2,601,148	2,236,889	2,507,998	2,566,410									
15.	Net Gen (MWH)	373,295	324,932	362,844	382,271									
16.	ANOHR (Btu/KWH)	6,968	6,884	6,912	6,714									
17.	NOF %	82.9	79.9	86.4	91.7									
18.	NPC (MW)	605	605	579	579									
19.	ANOHR Equation	$10^6 / AKW * [144.47 + 12.50 * APR - 81.62 * OCT]$ + 6.675												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2018 - December 2018

	DANIEL I	Jan '18	Feb '18	Mar '18	Apr '18									
1.	EAf (%)	85.6	100.0	0.0	15.2									
2.	PH	744	672	743	720									
3.	SH	740.6	140.4	0.0	109.4									
4.	RSH	0.0	531.6	0.0	0.0									
5.	UH	3.4	0.0	743.0	610.6									
6.	POH	0.0	0.0	743.0	610.6									
7.	FOH	3.4	0.0	0.0	0.0									
8.	MOH	0.0	0.0	0.0	0.0									
9.	PFOH	575.9	0.0	0.0	0.0									
10.	LR pf (MW)	89.5	0.0	0.0	0.0									
11.	PMOH	1.3	0.0	0.0	0.0									
12.	LR pm (MW)	344.0	0.0	0.0	0.0									
13.	NSC (MW)	502	502	502	502									
14.	Oper MBtu	1,577,643	258,626	0	260,095									
15.	Net Gen (MWH)	139,431	24,250	0	20,350									
16.	ANOHR (Btu/KWH)	11,315	10,665	0	12,781									
17.	NOF %	37.5	34.4	0.0	37.0									
18.	NPC (MW)	502	502	502	502									
19.	ANOHR Equation	$10^6 / AKW * [481.17 + 92.71 * JAN + 85.98 * MAY]$ $+ 8,753 + 0.00100 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2018 - December 2018

	DANIEL 2	Jan '18	Feb '18	Mar '18	Apr '18									
1.	EAF (%)	98.6	100.0	74.2	95.5									
2.	PH	744	672	743	720									
3.	SH	535.4	166.3	65.3	142.6									
4.	RSH	208.6	505.7	485.7	544.8									
5.	UH	0.0	0.0	192.0	32.7									
6.	POH	0.0	0.0	192.0	24.0									
7.	FOH	0.0	0.0	0.0	8.7									
8.	MOH	0.0	0.0	0.0	0.0									
9.	PFOH	24.7	0.0	0.0	0.0									
10.	LR of (MW)	211.7	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)	502	502	502	502									
14.	Oper MBtu	1,360,872	310,868	161,298	299,595									
15.	Net Gen (MWH)	121,522	30,438	14,854	24,283									
16.	ANOHR (Btu/KWH)	11,199	10,213	10,859	12,338									
17.	NOF %	45.2	36.5	45.3	33.9									
18.	NPC (MW)	502	502	502	502									
19.	ANOHR Equation	$10^6 / AKW * [606.70 + 74.51 * JAN - 120.51 * FEB + 58.65 * MAY + 44.01 * JUN - 44.62 * SEP - 81.23 * OCT - 185.41 * NOV]$ + 8,600												

ACTUAL UNIT OUTAGE DATA

GULF POWER COMPANY

April, 2018

Crist 7

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
3/2/2018	PO	720.0	475.0	Major 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

April, 2018

Scherer 3

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
4/18/2018	PFO	1.7	359.0	Loss of cooling water pressure.

* 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.: **20180001-EI**

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing was furnished by electronic mail this 21st day of May, 2018 to the following:

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