



Rhonda J. Alexander
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January 19, 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 December 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 "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 2017 - December 2017

CRIST 7	Jan '17	Feb '17	Mar '17	Apr '17	May '17	Jun '17	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17	Dec '17	
1. EAF (%)	95.1	78.3	100.0	81.1	0.0	47.0	77.7	56.2	80.5	83.7	69.9	53.0	
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	
3. SH	707.6	534.1	743.0	587.1	0.0	338.7	596.5	444.5	579.6	657.4	504.0	415.8	
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5. UH	36.4	137.9	0.0	132.9	744.0	381.3	147.5	299.6	140.4	86.6	217.0	328.2	
6. POH	0.0	0.0	0.0	48.0	744.0	211.0	0.0	0.0	140.4	0.0	0.0	0.0	
7. FOH	0.7	0.0	0.0	0.0	0.0	35.3	0.0	0.0	0.0	15.6	168.4	6.6	
8. MOH	35.8	137.9	0.0	84.9	0.0	135.1	147.5	299.6	0.0	71.0	48.7	321.6	
9. PFOH	0.0	15.3	0.0	0.0	0.0	0.0	148.4	205.6	0.0	96.8	0.0	41.3	
10. LR pf (MW)	0.0	207.0	0.0	0.0	0.0	0.0	60.0	60.0	0.0	144.9	0.0	244.9	
11. PMOH	0.0	3.5	0.0	6.8	0.0	0.0	0.0	0.0	0.0	39.6	0.0	0.0	
12. LR pm (MW)	0.0	207.0	0.0	227.0	0.0	0.0	0.0	0.0	0.0	60.0	0.0	0.0	
13. NSC (MW)	475	475	475	475	475	475	475	475	475	475	475	475	
14. Oper MBtu	2,228,298	1,408,885	2,345,603	2,043,959	0	1,100,596	2,074,136	1,677,123	2,097,518	2,185,773	1,509,969	1,420,553	
15. Net Gen (MWH)	210,573	130,419	226,397	202,854	0	103,638	197,619	156,851	196,718	205,650	150,403	123,514	
16. ANOHR (Btu/KWH)	10,582	10,803	10,361	10,076	0	10,620	10,496	10,692	10,663	10,629	10,039	11,501	
17. NOF %	62.7	51.4	64.1	72.7	0.0	64.4	69.7	74.3	71.5	65.9	62.8	62.5	
18. NPC (MW)	475	475	475	475	475	475	475	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

SCHERER 3	Jan '17	Feb '17	Mar '17	Apr '17	May '17	Jun '17	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17	Dec '17	
1. EAF (%)	100.0	100.0	76.4	0.0	42.8	98.6	96.8	100.0	100.0	97.2	100.0	95.3	
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	
3. SH	367.3	398.7	398.5	0.0	319.8	710.8	721.5	744.0	720.0	744.0	671.1	487.3	
4. RSH	376.7	273.3	171.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.9	222.7	
5. UH	0.0	0.0	172.6	720.0	424.2	9.2	22.5	0.0	0.0	0.0	0.0	34.0	
6. POH	0.0	0.0	169.3	720.0	424.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7. FOH	0.0	0.0	3.3	0.0	0.0	9.2	22.5	0.0	0.0	0.0	0.0	0.0	
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.0	
9. PFOH	0.0	0.0	0.0	0.0	7.2	0.9	4.1	0.0	0.0	37.0	0.0	4.8	
10. LR pf (MW)	0.0	0.0	0.0	0.0	191.3	839.0	283.8	0.0	0.0	467.2	0.0	123.0	
11. PMOH	0.0	0.0	24.7	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	87.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13. NSC (MW)	839	839	839	839	839	839	839	839	839	839	839	839	
14. Oper MBtu	1,812,776	1,620,477	2,119,703	0	1,761,537	3,924,376	4,604,901	4,577,893	4,295,287	3,772,447	3,078,656	2,501,315	
15. Net Gen (MWH)	164,630	153,517	200,281	0	161,256	367,284	434,969	438,738	397,529	343,805	288,167	227,995	
16. ANOHR (Btu/KWH)	11,011	10,556	10,584	0	10,924	10,685	10,587	10,434	10,805	10,973	10,684	10,971	
17. NOF %	53.4	45.9	59.9	0.0	60.1	61.6	71.9	70.3	65.8	55.1	51.2	55.8	
18. NPC (MW)	839	839	839	839	839	839	839	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	Jun '17	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17	Dec '17	
1. EAF (%)	100.0	100.0	94.3	64.8	100.0	100.0	100.0	94.9	100.0	100.0	71.5	97.7	
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	
3. SH	744.0	672.0	697.1	465.8	744.0	720.0	744.0	706.2	720.0	744.0	515.8	727.3	
4. RSH	0.0	0.0	4.7	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5. UH	0.0	0.0	41.3	239.4	0.0	0.0	0.0	37.8	0.0	0.0	205.2	16.8	
6. POH	0.0	0.0	0.0	239.4	0.0	0.0	0.0	0.0	0.0	0.0	205.2	0.0	
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	
8. MOH	0.0	0.0	41.3	0.0	0.0	0.0	0.0	37.8	0.0	0.0	0.0	12.4	
9. PFOH	0.0	0.0	3.1	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10. LR pf (MW)	0.0	0.0	276.0	203.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11. PMOH	0.0	0.0	0.0	14.9	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	250.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13. NSC (MW)	605	605	579	579	579	577	577	577	577	579	579	605	
14. Oper MBtu	2,478,301	2,340,476	2,529,648	1,530,638	2,540,571	2,416,219	2,695,270	2,576,071	2,493,088	2,639,064	1,848,144	2,562,292	
15. Net Gen (MWH)	354,350	337,144	364,373	215,235	365,013	353,625	381,027	364,875	367,541	388,834	265,452	370,420	
16. ANOHR (Btu/KWH)	6,994	6,942	6,942	7,111	6,960	6,833	7,074	7,060	6,783	6,787	6,962	6,917	
17. NOF %	78.7	82.9	90.3	79.8	84.7	85.1	88.8	89.5	88.5	90.3	88.9	84.2	
18. NPC (MW)	605	605	579	579	579	577	577	577	577	579	579	605	
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 1	Jan '17	Feb '17	Mar '17	Apr '17	May '17	Jun '17	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17	Dec '17	
1. EAF (%)	100.0	100.0	95.2	96.4	56.2	99.3	90.0	99.9	100.0	90.8	82.1	95.9	
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	
3. SH	720.4	0.0	551.0	720.0	418.2	715.8	669.9	744.0	720.0	744.0	696.4	268.3	
4. RSH	23.6	672.0	186.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.6	467.0	
5. UH	0.0	0.0	5.7	0.0	325.8	4.2	74.1	0.0	0.0	0.0	0.0	8.7	
6. POH	0.0	0.0	0.0	0.0	325.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7. FOH	0.0	0.0	5.7	0.0	0.0	4.2	5.3	0.0	0.0	0.0	0.0	8.7	
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	68.8	0.0	0.0	0.0	0.0	0.0	
9. PFOH	0.0	0.0	0.0	0.0	0.0	2.5	0.0	6.6	0.0	0.0	368.4	104.7	
10. LR pf (MW)	0.0	0.0	0.0	0.0	0.0	192.1	0.0	35.4	0.0	0.0	144.4	104.5	
11. PMOH	0.0	0.0	354.5	309.0	0.0	0.0	0.0	0.0	0.0	472.3	159.0	0.0	
12. LR pm (MW)	0.0	0.0	42.0	42.0	0.0	0.0	0.0	0.0	0.0	73.0	73.0	0.0	
13. NSC (MW)	502	502	502	502	502	502	502	502	502	502	502	502	
14. Oper MBtu	2,737,030	0	1,044,802	1,450,215	1,254,381	1,301,540	1,305,463	1,431,389	1,392,787	1,548,308	1,524,896	486,317	
15. Net Gen (MWH)	248,759	0	81,231	123,795	112,134	106,984	109,427	120,568	118,413	133,322	139,414	40,779	
16. ANOHR (Btu/KWH)	11,003	0	12,862	11,715	11,186	12,166	11,930	11,872	11,762	11,613	10,938	11,926	
17. NOF %	68.8	0.0	29.4	34.3	53.4	29.8	32.5	32.3	32.8	35.7	39.9	30.3	
18. NPC (MW)	502	502	502	502	502	502	502	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	Jun '17	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17	Dec '17	
1.	EAF (%)	96.9	100.0	41.9	0.0	10.7	99.5	99.3	100.0	99.8	97.7	89.3	88.9	
2.	PH	744	672	743	720	744	720	744	744	720	744	721	744	
3.	SH	394.7	231.1	0.0	0.0	79.6	720.0	740.1	744.0	720.0	512.9	721.0	371.4	
4.	RSH	347.0	440.9	311.0	0.0	0.0	0.0	0.0	0.0	0.0	231.1	0.0	367.9	
5.	UH	2.3	0.0	432.0	720.0	664.4	0.0	4.0	0.0	0.0	0.0	0.0	4.7	
6.	POH	0.0	0.0	432.0	720.0	664.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7.	FOH	2.3	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	4.7	
9.	PFOH	72.9	0.0	0.0	0.0	0.0	12.5	1.1	0.0	8.7	0.0	259.4	443.2	
10.	LR pf (MW)	142.1	0.0	0.0	0.0	0.0	147.3	498.0	0.0	90.8	0.0	104.3	86.8	
11.	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	117.0	159.5	11.0	
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73.0	73.0	72.6	
13.	NSC (MW)	502	502	502	502	502	502	502	502	502	502	502	502	
14.	Oper MBtu	1,212,020	798,907	0	0	256,868	1,514,507	1,552,478	1,560,078	1,510,088	1,053,358	1,385,324	710,242	
15.	Net Gen (MWH)	109,983	81,792	0	0	17,639	128,299	132,088	134,318	130,488	89,812	119,242	59,426	
16.	ANOHR (Btu/KWH)	11,020	9,768	0	0	14,562	11,805	11,753	11,615	11,573	11,728	11,618	11,952	
17.	NOF %	55.5	70.5	0.0	0.0	44.2	35.5	35.6	36.0	36.1	34.9	32.9	31.9	
18.	NPC (MW)	502	502	502	502	502	502	502	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

December, 2017

Daniel 1

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
11/29/2017	PFO	99.5	102.0	Emptying bunkers for different coal type.
12/10/2017	PFO	5.2	152.0	Mill fire.
12/30/2017	FFO	8.7	502.0	Igniter timer problems.

- * 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 19th day of January, 2018 to the following:

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