



January 22, 2019

Mr. Adam Teitzman, 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. 20190001-EI.

Dear Mr. Teitzman:

Attached for official filing is Gulf Power Company's Actual Unit Performance Data Schedules and the Actual Unit Outage Data Schedules for December 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 'C. Shane Boyett'.

C. Shane Boyett
Regulatory Issues 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	May '18	Jun '18	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	
1. EAF (%)	47.4	39.3	0.0	0.0	70.8	78.0	87.1	77.1	72.3	100.0	99.3	100.0	
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	
3. SH	352.7	120.1	0.0	0.0	576.8	612.5	648.1	573.7	520.4	744.0	715.9	744.0	
4. RSH	0.0	144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5. UH	391.3	407.9	743.0	720.0	167.3	107.5	95.9	170.4	199.6	0.0	5.1	0.0	
6. POH	0.0	0.0	695.0	720.0	16.4	0.0	0.0	170.4	195.0	0.0	0.0	0.0	
7. FOH	0.0	0.0	0.0	0.0	114.6	0.8	31.5	0.0	4.6	0.0	5.1	0.0	
8. MOH	391.3	407.9	48.0	0.0	36.3	106.7	64.4	0.0	0.0	0.0	0.0	0.0	
9. PFOH	0.0	0.0	0.0	0.0	125.1	75.9	0.0	0.0	0.0	0.0	0.0	0.0	
10. L.R pf (MW)	0.0	0.0	0.0	0.0	190.0	190.0	0.0	0.0	0.0	0.0	0.0	0.0	
11. PMOH	0.0	0.0	0.0	0.0	0.0	51.0	0.0	0.0	0.0	0.0	0.0	0.0	
12. L.R pm (MW)	0.0	0.0	0.0	0.0	0.0	190.0	0.0	0.0	0.0	0.0	0.0	0.0	
13. NSC (MW)	475	475	475	475	475	475	475	475	475	475	475	475	
14. Oper MBtu	1,440,019	407,093	0	0	1,847,512	2,113,389	2,357,722	2,044,592	2,172,295	2,818,353	2,725,871	2,541,197	
15. Net Gen (MWH)	139,399	39,765	0	0	175,139	196,649	225,834	198,238	202,094	276,811	263,549	235,496	
16. ANOHR (Btu/KWH)	10,330	10,237	0	0	10,549	10,747	10,440	10,314	10,749	10,182	10,343	10,791	
17. NOF %	83.2	69.7	0.0	0.0	63.9	67.6	73.4	72.8	81.8	78.3	77.5	66.6	
18. NPC (MW)	475	475	475	475	475	475	475	475	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	May '18	Jun '18	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	
SCHERER 3													
1. EAF (%)	99.6	100.0	93.0	99.9	68.6	100.0	100.0	99.7	100.0	80.6	100.0	86.2	
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	
3. SH	741.2	672.0	691.1	720.0	523.0	720.0	744.0	744.0	720.0	599.5	721.0	659.1	
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	2.8	0.0	51.9	0.0	221.0	0.0	0.0	0.0	0.0	144.5	0.0	84.9	
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7. IOH	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	144.5	0.0	3.4	
8. MOH	0.0	0.0	51.9	0.0	221.0	0.0	0.0	0.0	0.0	0.0	0.0	81.6	
9. PFOH	0.0	0.0	0.0	1.7	26.2	0.0	0.0	0.5	0.0	0.0	0.0	27.9	
10. LR pf (MW)	0.0	0.0	0.0	359.0	420.1	0.0	0.0	111.0	0.0	0.0	0.0	548.8	
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	
12. LR pin (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	367.0	0.0	0.0	0.0	0.0	
13. NSC (MW)	860	860	860	860	860	860	860	860	860	860	860	860	
14. Oper MBtu	4,429,003	2,667,757	2,789,037	3,586,414	3,114,775	4,368,874	4,836,740	4,769,884	5,308,889	4,043,039	4,880,980	3,405,700	
15. Net Gen (MWH)	419,053	238,089	255,178	327,050	291,198	399,280	446,378	448,366	505,151	378,360	470,036	312,419	
16. ANOHR (Btu/KWH)	10,569	11,205	10,930	10,966	10,696	10,942	10,836	10,638	10,510	10,686	10,384	10,901	
17. NOF %	65.7	41.2	42.9	52.8	64.7	64.5	69.8	70.1	81.6	73.4	75.8	55.1	
18. NPC (MW)	860	860	860	860	860	860	860	860	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	May '18	Jun '18	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	
1. EAF (%)	98.8	99.8	96.5	100.0	63.1	100.0	100.0	99.9	98.0	28.1	78.4	93.9	
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	
3. SH	744.0	672.0	725.5	720.0	512.0	720.0	744.0	744.0	720.0	209.1	682.3	744.0	
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	
5. UH	0.0	0.0	17.5	0.0	232.0	0.0	0.0	0.0	0.0	534.9	35.0	0.0	
6. POH	0.0	0.0	0.0	0.0	232.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	534.9	35.0	0.0	
8. MOH	0.0	0.0	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9. PFOH	3.1	3.3	0.0	0.0	0.0	0.8	0.0	2.1	7.8	0.0	249.9	69.8	
10. I.R pt (MW)	150.3	276.0	0.0	0.0	0.0	250.0	0.0	158.8	247.2	0.0	276.0	276.0	
11. PMOH	17.5	0.0	18.2	0.0	98.1	0.0	0.0	0.0	25.6	0.0	3.8	30.7	
12. I.R pm (MW)	276.0	0.0	276.0	0.0	250.0	0.0	0.0	0.0	250.0	0.0	275.9	266.6	
13. NSC (MW)	605	605	579	579	579	577	577	577	577	579	579	605	
14. Oper MBtu	2,601,148	2,236,889	2,507,998	2,566,410	1,542,872	2,484,766	2,654,277	2,720,197	2,627,729	778,079	2,054,343	2,257,054	
15. Net Gen (MWH)	373,295	324,932	362,844	382,271	223,987	352,820	392,225	384,575	375,931	113,598	278,860	333,935	
16. ANOHR (Btu/KWH)	6,968	6,884	6,912	6,714	6,888	7,043	6,767	7,073	6,990	6,849	7,367	6,759	
17. NOF %	82.9	79.9	86.4	91.7	75.6	84.9	91.4	89.6	90.5	93.8	70.6	74.2	
18. NPC (MW)	605	605	579	579	579	577	577	577	577	579	579	605	
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	May '18	Jun '18	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	
1.	EAF (%)	85.6	100.0	0.0	14.1	71.7	83.9	82.7	82.8	63.1	64.3	82.0	83.6	
2.	PH	744	672	743	720	744	720	744	744	720	744	721	744	
3.	SH	740.6	140.4	0.0	109.4	595.6	713.5	744.0	488.4	677.3	556.5	696.5	499.3	
4.	RSH	0.0	531.6	0.0	0.0	0.0	0.0	0.0	237.5	0.0	75.4	0.0	203.7	
5.	UH	3.4	0.0	743.0	610.6	148.4	6.6	0.0	18.2	42.7	112.2	24.6	41.1	
6.	POH	0.0	0.0	743.0	610.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7.	FOH	3.4	0.0	0.0	0.0	2.3	6.6	0.0	0.0	0.0	32.9	0.0	0.0	
8.	MOH	0.0	0.0	0.0	0.0	146.2	0.0	0.0	18.2	42.7	79.3	24.6	41.1	
9.	PFOH	575.9	0.0	0.0	0.0	12.5	19.6	9.4	501.7	753.9	440.3	14.2	0.0	
10.	L.R pf (MW)	89.5	0.0	0.0	0.0	86.0	80.5	86.0	73.7	82.8	79.8	91.0	0.0	
11.	PMOH	1.3	0.0	0.0	109.4	511.6	625.2	744.0	209.9	578.7	599.5	622.1	513.4	
12.	L.R pm (MW)	344.0	0.0	0.0	36.0	59.0	85.1	86.0	86.0	85.2	70.2	82.7	79.1	
13.	NSC (MW)	502	502	502	502	502	502	502	502	502	502	502	502	
14.	Oper MBtu	1,577,643	258,626	0	260,095	1,293,373	1,680,396	1,382,155	934,717	1,587,972	1,331,143	1,497,964	1,058,692	
15.	Net Gen (MWH)	139,431	24,250	0	20,350	112,543	143,173	114,932	80,281	141,790	125,646	134,181	99,225	
16.	ANOHR (Btu/KWH)	11,315	10,665	0	12,781	11,492	11,737	12,026	11,643	11,199	10,594	11,164	10,670	
17.	NOF %	37.5	34.4	0.0	37.0	37.6	40.0	30.8	32.7	41.7	45.0	38.4	39.6	
18.	NPC (MW)	502	502	502	502	502	502	502	502	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	May '18	Jun '18	Jul '18	Aug '18	Sep '18	Oct '18	Nov '18	Dec '18	
1. EAF (%)	98.6	100.0	74.2	93.0	93.8	88.5	83.5	79.6	67.8	61.4	84.6	83.7	
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	
3. SH	535.4	166.3	65.3	142.6	744.0	707.8	744.0	708.3	693.8	625.0	622.6	523.4	
4. RSH	208.6	505.7	485.7	544.8	0.0	0.0	0.0	0.0	0.0	24.0	98.4	220.6	
5. UH	0.0	0.0	192.0	32.7	0.0	12.2	0.0	35.7	26.2	95.0	0.0	0.0	
6. POH	0.0	0.0	192.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7. FOH	0.0	0.0	0.0	8.7	0.0	12.2	0.0	1.8	0.0	0.0	0.0	0.0	
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.9	26.2	95.0	0.0	0.0	
9. PFOH	24.7	0.0	0.0	0.0	0.0	13.1	234.1	417.5	657.2	666.4	6.1	162.2	
10. LR pf (MW)	211.7	0.0	0.0	0.0	0.0	100.9	69.1	68.4	81.4	87.6	77.6	100.4	
11. PMOH	0.0	0.0	0.0	250.3	645.0	611.0	529.5	344.1	578.9	538.6	644.2	477.7	
12. LR pm (MW)	0.0	0.0	0.0	36.0	36.0	55.8	86.0	86.0	86.0	70.8	86.0	93.4	
13. NSC (MW)	502	502	502	502	502	502	502	502	502	502	502	502	
14. Oper MBtu	1,360,872	310,868	161,298	299,595	1,786,874	1,686,477	1,459,198	1,490,708	1,638,626	1,441,977	1,364,037	1,022,965	
15. Net Gen (MWH)	121,522	30,438	14,854	24,283	158,163	151,347	124,437	129,256	146,208	132,536	118,313	90,537	
16. ANOHR (Btu/KWH)	11,199	10,213	10,859	12,338	11,298	11,143	11,726	11,533	11,208	10,880	11,529	11,299	
17. NOF %	45.2	36.5	45.3	33.9	42.3	42.6	33.3	36.4	42.0	42.2	37.9	34.5	
18. NPC (MW)	502	502	502	502	502	502	502	502	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

December, 2018

Scherer 3

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
12/3/2018	PFO	16.2	554.0	Wet coal.
12/11/2018	FFO	3.4	860.0	Wet coal.
12/12/2018	PFO	2.8	685.0	Wet coal.
12/12/2018	PFO	3.0	387.6	Wet coal.
12/12/2018	PFO	5.9	551.0	Wet coal.
12/15/2018	FMO	81.6	860.0	Waterwall deslagging.

- * 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

December, 2018

Daniel 1

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
11/29/2018	PMO	78.5	86.0	Low BTU coal.
12/7/2018	PMO	434.9	77.9	Low BTU coal.
12/15/2018	FMO	41.1	502.0	Cooler leak on boiler water circulating water pump.

* 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

December, 2018

Daniel 2

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
11/29/2018	PMO	76.5	86.0	Low BTU coal.
12/4/2018	PFO	36.0	77.0	Fire in mill.
12/4/2018	PFO	9.3	165.0	Water in lube oil.
12/4/2018	PMO	3.5	255.0	Install duct plug for mill inspection.
12/5/2018	PMO	1.7	420.0	Remove duct plug installed for inspection.
12/7/2018	PMO	379.0	86.0	Low BTU coal.
12/8/2018	PMO	6.4	91.0	Change out journal springs on mill.
12/9/2018	PFO	58.2	91.0	Mill scraper section sidewall damage.
12/10/2018	PMO	2.0	320.0	Install duct plug for mill work.
12/10/2018	PMO	1.6	320.0	Remove duct plug installed for mill work.
12/11/2018	PFO	24.2	111.0	Wet coal.
12/12/2018	PMO	1.5	300.0	Wet coal.
12/12/2018	PMO	1.6	300.0	Wet coal.
12/14/2018	PFO	34.6	116.0	Wet coal.
12/14/2018	PMO	2.4	295.0	Wet coal.
12/15/2018	PMO	1.5	295.0	Wet coal.

* 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.: **20190001-EI**

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing was furnished by electronic mail this 22nd day of January, 2019 to the following:

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