



Rhonda J. Alexander  
Manager  
Regulatory, Forecasting & Pricing

One Energy Place  
Pensacola, FL 32520-0780  
850 444 6743 tel  
850 444 6026 fax  
rjalexad@southernco.com

December 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. 20170001-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 November 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		
1. EAF (%)	95.1	78.3	100.0	81.1	0.0	47.0	77.7	56.2	80.5	83.7	69.9		
2. PH	744	672	743	720	744	720	744	744	720	744	721		
3. SH	707.6	534.1	743.0	587.1	0.0	338.7	596.5	444.5	579.6	657.4	504.0		
4. RSH	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		
6. POH	0.0	0.0	0.0	48.0	744.0	211.0	0.0	0.0	140.4	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		
8. MOH	35.8	137.9	0.0	84.9	0.0	135.1	147.5	299.6	0.0	71.0	48.7		
9. PFOH	0.0	15.3	0.0	0.0	0.0	0.0	148.4	205.6	0.0	96.8	0.0		
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		
11. PMOH	0.0	3.5	0.0	6.8	0.0	0.0	0.0	0.0	0.0	39.6	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		
13. NSC (MW)	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		
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		
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		
17. NOF %	62.7	51.4	64.1	72.7	0.0	64.4	69.7	74.3	71.5	65.9	62.8		
18. NPC (MW)	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

	Jan '17	Feb '17	Mar '17	Apr '17	May '17	Jun '17	Jul '17	Aug '17	Sep '17	Oct '17	Nov '17		
1. SCHERER 3													
EAF (%)	100.0	100.0	76.4	0.0	42.8	98.6	96.8	100.0	100.0	97.2	100.0		
2. PH	744	672	743	720	744	720	744	744	720	744	721		
3. SH	367.3	398.7	398.5	0.0	319.8	710.8	721.5	744.0	720.0	744.0	671.1		
4. RSH	376.7	273.3	171.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.9		
5. UH	0.0	0.0	172.6	720.0	424.2	9.2	22.5	0.0	0.0	0.0	0.0		
6. POH	0.0	0.0	169.3	720.0	424.2	0.0	0.0	0.0	0.0	0.0	0.0		
7. FOH	0.0	0.0	3.3	0.0	0.0	9.2	22.5	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		
9. PFOH	0.0	0.0	0.0	0.0	7.2	0.9	4.1	0.0	0.0	37.0	0.0		
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		
11. PMOH	0.0	0.0	24.7	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		
13. NSC (MW)	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		
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		
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		
17. NOF %	53.4	45.9	59.9	0.0	60.1	61.6	71.9	70.3	65.8	55.1	51.2		
18. NPC (MW)	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		
1.	EAF (%)	100.0	100.0	94.3	64.8	100.0	100.0	100.0	94.9	100.0	100.0	71.5		
2.	PH	744	672	743	720	744	720	744	744	720	744	721		
3.	SH	744.0	672.0	697.1	465.8	744.0	720.0	744.0	706.2	720.0	744.0	515.8		
4.	RSH	0.0	0.0	4.7	14.9	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		
6.	POH	0.0	0.0	0.0	239.4	0.0	0.0	0.0	0.0	0.0	0.0	205.2		
7.	FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
8.	MOH	0.0	0.0	41.3	0.0	0.0	0.0	0.0	37.8	0.0	0.0	0.0		
9.	PFOH	0.0	0.0	3.1	22.0	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		
11.	PMOH	0.0	0.0	0.0	14.9	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		
13.	NSC (MW)	605	605	579	579	579	577	577	577	577	579	579		
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		
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		
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		
17.	NOF %	78.7	82.9	90.3	79.8	84.7	85.1	88.8	89.5	88.5	90.3	88.9		
18.	NPC (MW)	605	605	579	579	579	577	577	577	577	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 1	Jan '17	Feb '17	Mar '17	Apr '17	May '17	Jun '17	Jul '17	Aug '17	Sep '17	Oct '17	Nov '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		
2.	PH	744	672	743	720	744	720	744	744	720	744	721		
3.	SH	720.4	0.0	551.0	720.0	418.2	715.8	669.9	744.0	720.0	744.0	696.4		
4.	RSH	23.6	672.0	186.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.6		
5.	UH	0.0	0.0	5.7	0.0	325.8	4.2	74.1	0.0	0.0	0.0	0.0		
6.	POH	0.0	0.0	0.0	0.0	325.8	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.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	68.8	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		
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		
11.	PMOH	0.0	0.0	354.5	309.0	0.0	0.0	0.0	0.0	0.0	472.3	159.0		
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		
13.	NSC (MW)	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		
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		
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		
17.	NOF %	68.8	0.0	29.4	34.3	53.4	29.8	32.5	32.3	32.8	35.7	39.9		
18.	NPC (MW)	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		
1.	EAF (%)	96.9	100.0	41.9	0.0	10.7	99.5	99.3	100.0	99.8	97.7	89.3		
2.	PH	744	672	743	720	744	720	744	744	720	744	721		
3.	SH	394.7	231.1	0.0	0.0	79.6	720.0	740.1	744.0	720.0	512.9	721.0		
4.	RSH	347.0	440.9	311.0	0.0	0.0	0.0	0.0	0.0	0.0	231.1	0.0		
5.	UH	2.3	0.0	432.0	720.0	664.4	0.0	4.0	0.0	0.0	0.0	0.0		
6.	POH	0.0	0.0	432.0	720.0	664.4	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		
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0		
9.	PFOH	72.9	0.0	0.0	0.0	0.0	12.5	1.1	0.0	8.7	0.0	259.4		
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		
11.	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	117.0	159.5		
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		
13.	NSC (MW)	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		
15.	Net Gen (MWH)	109,983	81,792	0	0	17,639	128,299	132,088	134,318	130,488	89,812	119,242		
16.	ANOHR (Btu/KWH)	11,020	9,768	0	0	14,562	11,805	11,753	11,615	11,573	11,728	11,618		
17.	NOF %	55.5	70.5	0.0	0.0	44.2	35.5	35.6	36.0	36.1	34.9	32.9		
18.	NPC (MW)	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												













BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

IN RE: **Fuel and Purchased Power Cost** )  
**Recovery Clause with Generating** )  
**Performance Incentive Factor** )

Docket No.: **20170001-EI**

**CERTIFICATE OF SERVICE**

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

Florida Public Utilities Company  
Florida Division of Chesapeake  
Utilities Corp  
Mike Cassel, Director  
Regulatory and Governmental Affairs  
1750 SW 14<sup>th</sup> Street, Suite 200  
Fernandina Beach, FL 32034  
[mcassel@fpuc.com](mailto:mcassel@fpuc.com)

PCS Phosphate – White Springs  
c/o Stone Mattheis Xenopoulos  
& Brew, P.C.  
James W. Brew/Laura A. Wynn  
Eighth Floor, West Tower  
1025 Thomas Jefferson St, NW  
Washington, DC 20007  
[jbrew@smxblaw.com](mailto:jbrew@smxblaw.com)  
[law@smxblaw.com](mailto:law@smxblaw.com)

Duke Energy Florida  
John T. Burnett  
Dianne M. Triplett  
299 First Avenue North  
St. Petersburg, FL 33701  
[Dianne.triplett@duke-energy.com](mailto:Dianne.triplett@duke-energy.com)  
[John.burnett@duke-energy.com](mailto:John.burnett@duke-energy.com)

Florida Power & Light Company  
John T. Butler  
Maria J. Moncada  
700 Universe Boulevard (LAW/JB)  
Juno Beach, FL 33408-0420  
[John.Butler@fpl.com](mailto:John.Butler@fpl.com)  
[Maria.moncada@fpl.com](mailto:Maria.moncada@fpl.com)

Florida Power & Light Company  
Kenneth Hoffman  
215 South Monroe Street,  
Suite 810  
Tallahassee, FL 32301-1858  
[Ken.Hoffman@fpl.com](mailto:Ken.Hoffman@fpl.com)

Ausley Law Firm  
James D. Beasley  
J. Jeffry Wahlen  
Post Office Box 391  
Tallahassee, FL 32302  
[jbeasley@ausley.com](mailto:jbeasley@ausley.com)  
[jwahlen@ausley.com](mailto:jwahlen@ausley.com)

Gunster Law Firm  
Beth Keating  
215 South Monroe Street, Suite 601  
Tallahassee, FL 32301-1839  
[bkeating@gunster.com](mailto:bkeating@gunster.com)

Office of Public Counsel  
Patricia A. Christensen  
Associate Public Counsel  
c/o The Florida Legislature  
111 W. Madison Street, Room 812  
Tallahassee, FL 32399-1400  
[Christensen.patty@leg.state.fl.us](mailto:Christensen.patty@leg.state.fl.us)  
[Saylor.erik@leg.state.fl.us](mailto:Saylor.erik@leg.state.fl.us)

Duke Energy Florida, Inc.  
Matthew R. Bernier  
Cameron Cooper  
106 East College Avenue,  
Suite 800  
Tallahassee, FL 32301-7740  
[Matthew.bernier@duke-energy.com](mailto:Matthew.bernier@duke-energy.com)  
[Cameron.Cooper@duke-energy.com](mailto:Cameron.Cooper@duke-energy.com)

Florida Industrial Power Users Group  
c/o Moyle Law Firm  
Jon C. Moyle, Jr.  
118 North Gadsden Street  
Tallahassee, FL 32301  
[jmoyle@moylelaw.com](mailto:jmoyle@moylelaw.com)

Tampa Electric Company  
Ms. Paula K. Brown, Manager  
Regulatory Coordination  
P. O. Box 111  
Tampa, FL 33601-0111  
[Regdept@tecoenergy.com](mailto:Regdept@tecoenergy.com)

Office of the General Counsel  
Suzanne Brownless  
Danijela Janjic  
2540 Shumard Oak Blvd  
Tallahassee, FL 32399-0850  
[djanjic@psc.state.fl.us](mailto:djanjic@psc.state.fl.us)  
[sbrownle@psc.state.fl.us](mailto:sbrownle@psc.state.fl.us)  
[ASoete@psc.state.fl.us](mailto:ASoete@psc.state.fl.us)

Florida Retail Federation  
Robert Scheffel Wright  
John T. LaVia  
c/o Gardner Law Firm  
1300 Thomaswood Drive  
Tallahassee, FL 32308  
[schef@gbwlegal.com](mailto:schef@gbwlegal.com)  
[jlavia@gbwlegal.com](mailto:jlavia@gbwlegal.com)



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**JEFFREY A. STONE**  
**General Counsel**  
Florida Bar No. 325953  
[jastone@southernco.com](mailto:jastone@southernco.com)  
**Gulf Power Company**  
One Energy Place  
Pensacola, FL 32520-0100  
(850) 444-6550

**RUSSELL A. BADDERS**  
Florida Bar No. 007455  
[rab@beggslane.com](mailto:rab@beggslane.com)  
**STEVEN R. GRIFFIN**  
Florida Bar No. 0627569  
[srg@beggslane.com](mailto:srg@beggslane.com)  
**Beggs & Lane**  
P. O. Box 12950  
Pensacola FL 32591-2950  
(850) 432-2451  
**Attorneys for Gulf Power**