

Susan D. Ritenour
Secretary and Treasurer
and Regulatory Manager

One Energy Place
Pensacola, Florida 32520-0781

Tel 850.444.6231
Fax 850.444.6026
SDRITENO@southernco.com

RECEIVED-FPSC

08 SEP 22 AM 10: 33

COMMISSION
CLERK



September 19, 2008

Ms. Ann Cole, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee FL 32399-0850

Dear Ms. Cole:

RE: COMMISSION STAFF'S MINIMUM FILING REQUIREMENTS IN
SUPPORT OF THE MONTHLY FUEL AND PURCHASED POWER COST
RECOVERY CHARGE IN DOCKET NO. 080001-EI

Enclosed are an original and ten copies of Gulf Power Company's Actual Unit Performance Data Schedules and the Actual Unit Outage Data Schedules through August 2008, Retail Cost Recovery Charges for Plant Crist, Plant Smith, and Plant Daniel. These schedules are being sent separate from the monthly filing.

Sincerely,

Susan D. Ritenour (lwr)

mv

Enclosures

cc w/attachment: Florida Public Service Commission
Sid Matlock

DOCUMENT NUMBER-DATE

08877 SEP 22 08

FPSC-COMMISSION CLERK

08 SEP 22 10 10 18
08877 SEP 22 08

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

CRIST 4	Jan '08	Feb '08	Mar '08	Apr '08	May '08	Jun '08	Jul '08	Aug '08	Sep '08	Oct '08	Nov '08	Dec '08	Total
1. EAF (%)	12.9	0.0	47.1	100.0	100.0	100.0	100.0	100.0					
2. PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0					
3. SH	0.0	0.0	98.6	674.8	664.1	720.0	744.0	744.0					
4. RSH	96.0	0.0	251.1	45.2	79.9	0.0	0.0	0.0					
5. UH	648.0	696.0	393.3	0.0	0.0	0.0	0.0	0.0					
6. POH	648.0	696.0	383.3	0.0	0.0	0.0	0.0	0.0					
7. FOH	0.0	0.0	10.0	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					
9. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
10. LR pf (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
13. NSC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0					
14. Oper MBtu	0.0	0.0	68633.0	477654.0	416372.0	482617.0	517882.0	481652.0					
15. Net Gen (MWH)	0.0	0.0	4952.0	46345.0	39291.0	43684.0	47499.0	44809.0					
16. ANOHR (Btu/KWH)	0.0	0.0	13860.0	10306.0	10597.0	11048.0	10903.0	10749.0					
17. NOF %	0.0	0.0	64.4	88.1	75.9	77.8	81.8	77.2					
18. NPC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0					
19. ANOHR Equation	$10^6 / AKW * [-508.01 + 11.33 * MAR + 21.63 * MAY + 36.12 * JUN + 26.37 * JUL + 39.93 * AUG + 26.37 * SEP + 18.89 * OCT + 12.20 * NOV]$ $+ 28.136 - 0.14571 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

CRIST 5	Jan '08	Feb '08	Mar '08	Apr '08	May '08	Jun '08	Jul '08	Aug '08	Sep '08	Oct '08	Nov '08	Dec '08	Total
1. EAF (%)	12.9	0.0	75.2	90.9	98.2	87.5	100.0	99.4					
2. PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0					
3. SH	0.0	0.0	558.6	654.3	742.3	638.1	744.0	744.0					
4. RSH	96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5. UH	648.0	696.0	184.4	65.7	1.7	81.9	0.0	0.0					
6. POH	648.0	696.0	184.4	0.0	0.0	0.0	0.0	0.0					
7. FOH	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.0					
8. MOH	0.0	0.0	0.0	41.2	1.7	81.9	0.0	0.0					
9. PFOH	0.0	0.0	0.0	0.0	29.1	16.6	0.0	15.0					
10. LR pf (MW)	0.0	0.0	0.0	0.0	32.0	38.0	0.0	24.0					
11. PMOH	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	0.0	0.0	0.0	0.0	0.0					
13. NSC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0					
14. Oper MBtu	0.0	0.0	305156.0	466634.0	493600.0	452638.0	550090.0	544288.0					
15. Net Gen (MWH)	0.0	0.0	31028.0	45356.0	45852.0	40465.0	50384.0	47754.0					
16. ANOHR (Btu/KWH)	0.0	0.0	9835.0	10288.0	10765.0	11186.0	10918.0	11398.0					
17. NOF %	0.0	0.0	71.2	88.9	79.2	81.3	86.8	82.3					
18. NPC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0					
19. ANOHR Equation	$10^6 / AKW * [107.79 - 10.84 * APR + 13.62 * MAY + 14.07 * JUN + 22.79 * JUL + 23.21 * AUG + 28.04 * SEP + 23.17 * OCT]$ + 8,943												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

CRIST 6	Jan '08	Feb '08	Mar '08	Apr '08	May '08	Jun '08	Jul '08	Aug '08	Sep '08	Oct '08	Nov '08	Dec '08	Total
1. EAF (%)	85.2	95.4	84.6	5.3	92.7	90.7	95.0	82.2					
2. PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0					
3. SH	657.4	670.6	629.1	38.4	614.2	655.3	717.1	611.9					
4. RSH	0.0	0.0	0.0	0.0	76.3	0.0	0.0	0.0					
5. UH	86.6	25.4	113.9	681.6	53.5	64.7	26.9	132.1					
6. POH	0.0	0.0	71.7	537.8	0.0	0.0	0.0	0.0					
7. FOH	29.5	0.0	42.2	143.8	24.1	53.7	26.9	76.4					
8. MOH	57.1	25.4	0.0	0.0	29.4	11.0	0.0	55.7					
9. PFOH	402.1	74.0	23.8	0.0	9.9	29.1	64.2	0.0					
10. LR pf (MW)	17.8	27.8	6.0	0.0	18.4	23.2	49.0	0.0					
11. PMOH	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	0.0	0.0	0.0	0.0	0.0					
13. NSC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0					
14. Oper MBtu	1932950.0	1920972.0	1191402.0	60921.0	1441483.0	1595690.0	1843139.0	1554185.0					
15. Net Gen (MWH)	177033.0	180542.0	106316.0	5498.0	131040.0	148447.0	172411.0	137882.0					
16. ANOHR (Btu/KWH)	10919.0	10640.0	11206.0	11081.0	11000.0	10749.0	10690.0	11272.0					
17. NOF %	89.2	89.1	56.0	47.4	70.6	75.0	79.6	74.6					
18. NPC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0					
19. ANOHR Equation	$10^6 / AKW * [457.20 - 54.35 * FEB - 64.08 * MAR + 52.17 * JUN - 50.16 * OCT] + 8,761$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

CRIST 7	Jan '08	Feb '08	Mar '08	Apr '08	May '08	Jun '08	Jul '08	Aug '08	Sep '08	Oct '08	Nov '08	Dec '08	Total
1. EAF (%)	95.0	98.4	96.2	84.8	99.8	88.3	91.4	92.7					
2. PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0					
3. SH	708.4	696.0	743.0	622.2	744.0	638.4	685.7	710.4					
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5. UH	35.6	0.0	0.0	97.8	0.0	81.6	58.3	33.6					
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
7. FOH	35.6	0.0	0.0	0.0	0.0	81.6	0.0	0.0					
8. MOH	0.0	0.0	0.0	97.8	0.0	0.0	58.3	33.6					
9. PFOH	88.9	470.8	111.0	256.9	11.8	4.6	65.3	32.8					
10. LR pf (MW)	10.1	4.3	120.6	21.7	8.0	252.0	38.4	81.3					
11. PMOH	0.0	63.7	0.0	0.0	19.3	0.0	0.0	25.1					
12. LR pm (MW)	0.0	50.8	0.0	0.0	33.9	0.0	0.0	282.0					
13. NSC (MW)	472.0	472.0	472.0	472.0	472.0	472.0	472.0	472.0					
14. Oper MBtu	3304515.0	3278878.0	2496502.0	2735478.0	2987352.0	2570546.0	2864585.0	2891013.0					
15. Net Gen (MWH)	316154.0	306009.0	226602.0	257018.0	275495.0	239124.0	269656.0	266162.0					
16. ANOHR (Btu/KWH)	10452.0	10715.0	11017.0	10643.0	10844.0	10750.0	10623.0	10862.0					
17. NOF %	94.6	93.2	64.6	87.5	78.5	79.4	83.3	79.4					
18. NPC (MW)	472.0	472.0	472.0	472.0	472.0	472.0	472.0	472.0					
19. ANOHR Equation	$10^6 / AKW * [575.62 - 136.35 * FEB + 117.15 * MAR + 87.68 * APR + 104.03 * JUN]$ $+ 9,081$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

SMITH 1	Jan '08	Feb '08	Mar '08	Apr '08	May '08	Jun '08	Jul '08	Aug '08	Sep '08	Oct '08	Nov '08	Dec '08	Total
1. EAF (%)	100.0	99.8	99.4	60.8	100.0	99.9	99.9	98.6					
2. PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0					
3. SH	744.0	696.0	743.0	448.8	744.0	720.0	744.0	744.0					
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5. UH	0.0	0.0	0.0	271.2	0.0	0.0	0.0	0.0					
6. POH	0.0	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					
8. MOH	0.0	0.0	0.0	271.2	0.0	0.0	0.0	0.0					
9. PFOH	0.0	5.5	0.0	0.0	0.0	4.3	0.0	122.8					
10. LR pf (MW)	0.0	42.0	0.0	0.0	0.0	27.0	0.0	13.6					
11. PMOH	0.0	0.0	18.9	46.0	0.0	0.0	3.2	2.0					
12. LR pm (MW)	0.0	0.0	39.0	39.0	0.0	0.0	37.0	24.0					
13. NSC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0					
14. Oper MBtu	1185267.0	1107918.0	918684.0	681581.0	1037857.0	1034121.0	1074223.0	1036786.0					
15. Net Gen (MWH)	116187.0	108123.0	89160.0	66589.0	102133.0	99499.0	104096.0	99918.0					
16. ANOHR (Btu/KWH)	10201.0	10247.0	10304.0	10236.0	10162.0	10393.0	10320.0	10376.0					
17. NOF %	96.4	95.9	74.1	91.6	84.7	85.3	86.4	82.9					
18. NPC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0					
19. ANOHR Equation	$10^6 / AKW * [96.28 + 12.10 * JUN + 11.27 * JUL - 11.78 * OCT]$ $+ 9,613$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

SMITH 2	Jan '08	Feb '08	Mar '08	Apr '08	May '08	Jun '08	Jul '08	Aug '08	Sep '08	Oct '08	Nov '08	Dec '08	Total
1. EAF (%)	99.9	69.1	96.8	93.4	28.7	84.6	99.8	98.2					
2. PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0					
3. SH	744.0	646.3	743.0	672.4	215.5	633.0	744.0	744.0					
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5. UH	0.0	49.7	0.0	47.6	528.5	87.0	0.0	0.0					
6. POH	0.0	0.0	0.0	47.6	528.5	0.0	0.0	0.0					
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
8. MOH	0.0	49.7	0.0	0.0	0.0	87.0	0.0	0.0					
9. PFOH	5.0	291.8	41.9	0.0	42.0	128.2	4.4	115.6					
10. LR pf (MW)	35.0	110.6	112.0	0.0	10.0	36.1	78.0	22.8					
11. PMOH	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	0.0	0.0	0.0	0.0	0.0					
13. NSC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0					
14. Oper MBtu	1391962.0	934357.0	1104352.0	1219712.0	366611.0	1058254.0	1265498.0	1278858.0					
15. Net Gen (MWH)	135307.0	89004.0	105945.0	117541.0	34769.0	100195.0	120915.0	121420.0					
16. ANOHR (Btu/KWH)	10287.0	10498.0	10424.0	10377.0	10544.0	10562.0	10466.0	10533.0					
17. NOF %	93.3	70.6	73.1	89.6	82.7	81.2	83.3	83.7					
18. NPC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0					
19. ANOHR Equation	$10^6 / AKW * [275.87 - 16.87 * MAY - 11.84 * JUL - 10.07 * SEP]$ $+ 7,294 + 0.00822 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

DANIEL 1	Jan '08	Feb '08	Mar '08	Apr '08	May '08	Jun '08	Jul '08	Aug '08	Sep '08	Oct '08	Nov '08	Dec '08	Total
1. EAF (%)	97.1	88.0	92.1	99.6	99.9	99.4	99.1	57.3					
2. PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0					
3. SH	744.0	478.6	685.7	720.0	744.0	720.0	740.0	427.2					
4. RSH	0.0	140.8	0.0	0.0	0.0	0.0	0.0	0.0					
5. UH	0.0	76.6	57.3	0.0	0.0	0.0	4.0	316.8					
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
7. FOH	0.0	14.0	57.3	0.0	0.0	0.0	4.0	316.8					
8. MOH	0.0	62.6	0.0	0.0	0.0	0.0	0.0	0.0					
9. PFOH	39.9	14.9	10.3	9.0	2.5	8.0	9.8	10.1					
10. LR pf (MW)	271.3	237.2	68.6	174.4	13.0	221.6	118.8	61.8					
11. PMOH	0.0	0.0	0.0	0.0	5.5	7.0	0.0	0.0					
12. LR pm (MW)	0.0	0.0	0.0	0.0	36.2	53.5	0.0	0.0					
13. NSC (MW)	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0					
14. Oper MBtu	3618149.0	2181259.0	3419610.0	3494244.0	3578533.0	3474347.0	3539542.0	1995427.0					
15. Net Gen (MWH)	355261.0	219617.0	338772.0	349259.0	349229.0	343158.0	347405.0	191753.0					
16. ANOHR (Btu/KWH)	10184.0	9932.0	10094.0	10005.0	10247.0	10125.0	10189.0	10406.0					
17. NOF %	95.5	91.8	98.8	97.0	93.9	95.3	93.9	89.8					
18. NPC (MW)	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0					
19. ANOHR Equation	$10^6 / \text{AKW} * [695.23]$ + 8,686												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

	DANIEL 2	Jan '08	Feb '08	Mar '08	Apr '08	May '08	Jun '08	Jul '08	Aug '08	Sep '08	Oct '08	Nov '08	Dec '08	Total
1.	EAF (%)	63.9	98.9	66.7	85.6	88.8	99.6	99.9	98.4					
2.	PH	744.0	696.0	743.0	720.0	744.0	720.0	744.0	744.0					
3.	SH	480.6	696.0	497.8	619.6	669.1	720.0	744.0	737.2					
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9					
5.	UH	263.4	0.0	245.2	100.4	74.9	0.0	0.0	3.9					
6.	POH	0.0	0.0	227.9	0.0	0.0	0.0	0.0	0.0					
7.	FOH	234.6	0.0	0.0	0.0	0.0	0.0	0.0	3.9					
8.	MOH	28.8	0.0	17.3	100.4	74.9	0.0	0.0	0.0					
9.	PFOH	28.8	14.2	5.0	12.9	17.2	3.5	2.9	30.2					
10.	LR pf (MW)	53.7	150.5	178.8	62.7	87.3	48.2	68.7	138.2					
11.	PMOH	3.5	6.8	9.9	23.7	8.8	3.7	0.0	0.0					
12.	LR pm (MW)	342.8	270.0	40.8	34.0	301.0	370.0	0.0	0.0					
13.	NSC (MW)	507.0	507.0	507.0	507.0	507.0	507.0	507.0	507.0					
14.	Oper MBtu	2249958.0	3150307.0	2359958.0	2954737.0	3195381.0	3488145.0	3558221.0	3493831.0					
15.	Net Gen (MWH)	230517.0	330839.0	240149.0	300596.0	316558.0	351337.0	358131.0	345094.0					
16.	ANOHR (Btu/KWH)	9760.0	9522.0	9827.0	9830.0	10094.0	9928.0	9936.0	10124.0					
17.	NOF %	94.6	93.8	95.2	95.7	93.3	96.2	94.9	92.3					
18.	NPC (MW)	507.0	507.0	507.0	507.0	507.0	507.0	507.0	507.0					
19.	ANOHR Equation	$10^6 / AKW * [398.00 - 123.89 * MAR - 108.06 * MAY - 96.34 * SEP]$ + 9,262												

ACTUAL UNIT OUTAGE DATA

GULF POWER COMPANY

August, 2008

Crist 4

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
				No Events This Month

* 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

August, 2008

Crist 7

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
08/15	PMO	25.1	282.0	Primary Air Duct/Damper Problem
08/16	FMO	9.6	472.0	Primary Air Duct/Damper Problem
08/19	PFO	1.3	64.0	Boiler Problems
08/21	FMO	24.0	472.0	Boiler Tube Leak - First Reheater
08/24	PFO	22.2	85.0	Pulverizer Fire
08/27	PFO	9.3	75.0	Pulverizer Mill Problem

- * 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

August, 2008

Smith 2

DATE	OUTAGE TYPE *	HOURS	AFFECTED (MW)	DESCRIPTION
08/24	PFO	95.0	25.0	Wet Coal Problem
08/27	PFO	20.6	12.9	Thermal Discharge Limits

* 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

August, 2008

Daniel 1

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
08/10	PFO	2.4	146.0	Pulverizer Problem
08/14	PFO	7.8	36.0	Pulverizer Mill Problem
08/18	FFO	316.8	503.0	Rotor Shaft Problem

- * 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

August, 2008

Daniel 2

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
08/12	PFO	6.5	33.0	Pulverizer Feeder Problem
08/13	PFO	1.3	15.0	Boiler Control System Problem
08/13	PFO	0.5	28.0	Boiler Control System Problem
08/15	PFO	5.1	14.0	Boiler Control System Problem
08/20	PFO	10.3	310.0	Feedwater Pump Drive Controls
08/23	PFO	6.5	103.0	Pulverizer Feeder Problem
08/29	FFO	3.9	510.0	Operator Error

* FFO - Full Forced Outage
 PFO - Partial Forced Outage
 FMO - Full Maintenance Outage
 PMO - Partial Maintenance Outage
 PO - Planned Outage