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May 20, 2008

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

RECEIVED-FPSC  
MAY 21 11:00 AM  
08 JUN 21 AM 8:29  
COMMISSION  
CLERK

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 April 2008, Retail Cost Recovery Charges for Plant Crist, Plant Smith, and Plant Daniel. These schedules are being sent separate from the monthly filing.

- CMP 2
- COM \_\_\_\_\_
- CTR \_\_\_\_\_
- ECR (1)
- SCL \_\_\_\_\_
- OPC 3
- RCA 1
- SCR \_\_\_\_\_
- SGA \_\_\_\_\_
- SEC \_\_\_\_\_
- OTH \_\_\_\_\_

Sincerely,

*Susan D. Ritenour*

bh

Enclosures

cc w/attachment: Florida Public Service Commission  
Sid Matlock

DOCUMENT NUMBER-DATE

04208 MAY 21 08

FPSC-COMMISSION CLERK

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									
2. PH	744.0	696.0	743.0	720.0									
3. SH	0.0	0.0	98.6	674.8									
4. RSH	96.0	0.0	251.1	45.2									
5. UH	648.0	696.0	393.3	0.0									
6. POH	648.0	696.0	383.3	0.0									
7. FOH	0.0	0.0	10.0	0.0									
8. MOH	0.0	0.0	0.0	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)	78.0	78.0	78.0	78.0									
14. Oper MBtu	0.0	0.0	68633.0	477654.0									
15. Net Gen (MWH)	0.0	0.0	4952.0	46345.0									
16. ANOHR (Btu/KWH)	0.0	0.0	13860.0	10306.0									
17. NOF %	0.0	0.0	64.4	88.1									
18. NPC (MW)	78.0	78.0	78.0	78.0									
19. ANOHR Equation	$10^6 / AKW * [ -508.01 + 11.33 * MAR + 21.63 * MAY + 36.12 * JUN + 26.37 * JUL + 39.93 * AUG + 26.37 * SEP + 18.89 * OCT + 12.20 * NOV ]$ $+ 28.136 - 0.14571 * LSRF / AKW$												

DOCUMENT NUMBER-DATE

04208 MAY 21 8

FPSC-COMMISSION CLERK

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									
2. PH	744.0	696.0	743.0	720.0									
3. SH	0.0	0.0	558.6	654.3									
4. RSH	96.0	0.0	0.0	0.0									
5. UH	648.0	696.0	184.4	65.7									
6. POH	648.0	696.0	184.4	0.0									
7. FOH	0.0	0.0	0.0	24.5									
8. MOH	0.0	0.0	0.0	41.2									
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)	78.0	78.0	78.0	78.0									
14. Oper MBtu	0.0	0.0	305156.0	466634.0									
15. Net Gen (MWH)	0.0	0.0	31028.0	45356.0									
16. ANOHR (Btu/KWH)	0.0	0.0	9835.0	10288.0									
17. NOF %	0.0	0.0	71.2	88.9									
18. NPC (MW)	78.0	78.0	78.0	78.0									
19. ANOHR Equation	$10\% / AKW * [ 107.79 - 10.84 * APR + 13.62 * MAY + 14.07 * JUN + 22.79 * JUL + 23.21 * AUG + 28.04 * SEP + 23.17 * OCT ] + 8.943$												

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									
2. PH	744.0	696.0	743.0	720.0									
3. SH	657.4	670.6	629.1	38.4									
4. RSH	0.0	0.0	0.0	0.0									
5. UH	86.6	25.4	113.9	681.6									
6. POH	0.0	0.0	71.7	537.8									
7. FOH	29.5	0.0	42.2	143.8									
8. MOH	57.1	25.4	0.0	0.0									
9. PFOH	402.1	74.0	23.8	0.0									
10. LR pf (MW)	17.8	27.8	6.0	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)	302.0	302.0	302.0	302.0									
14. Oper MBtu	1932950.0	1920972.0	1191402.0	60921.0									
15. Net Gen (MWH)	177033.0	180542.0	106316.0	5498.0									
16. ANOHR (Btu/KWH)	10919.0	10640.0	11206.0	11081.0									
17. NOF %	89.2	89.1	56.0	47.4									
18. NPC (MW)	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	Scp '08	Oct '08	Nov '08	Dec '08	Total
1. EAF (%)	95.0	98.4	96.2	84.8									
2. PH	744.0	696.0	743.0	720.0									
3. SH	708.4	696.0	743.0	622.2									
4. RSH	0.0	0.0	0.0	0.0									
5. UH	35.6	0.0	0.0	97.8									
6. POH	0.0	0.0	0.0	0.0									
7. FOH	35.6	0.0	0.0	0.0									
8. MOH	0.0	0.0	0.0	97.8									
9. PFOH	88.9	470.8	111.0	256.9									
10. LR pf (MW)	10.1	4.3	120.6	21.7									
11. PMOH	0.0	63.7	0.0	0.0									
12. LR pm (MW)	0.0	50.8	0.0	0.0									
13. NSC (MW)	472.0	472.0	472.0	472.0									
14. Oper MBtu	3304515.0	3278878.0	2496502.0	2735478.0									
15. Net Gen (MWH)	316154.0	306009.0	226602.0	257018.0									
16. ANOHR (Btu/KWH)	10452.0	10715.0	11017.0	10643.0									
17. NOF %	94.6	93.2	64.6	87.5									
18. NPC (MW)	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									
2. PH	744.0	696.0	743.0	720.0									
3. SH	744.0	696.0	743.0	448.8									
4. RSH	0.0	0.0	0.0	0.0									
5. UH	0.0	0.0	0.0	271.2									
6. POH	0.0	0.0	0.0	0.0									
7. FOH	0.0	0.0	0.0	0.0									
8. MOH	0.0	0.0	0.0	271.2									
9. PFOH	0.0	5.5	0.0	0.0									
10. LR pf (MW)	0.0	42.0	0.0	0.0									
11. PMOH	0.0	0.0	18.9	45.0									
12. LR pm (MW)	0.0	0.0	39.0	39.0									
13. NSC (MW)	162.0	162.0	162.0	162.0									
14. Oper MBtu	1185267.0	1107918.0	918684.0	681581.0									
15. Net Gen (MWH)	116187.0	108123.0	89160.0	66589.0									
16. ANOHR (Btu/KWH)	10201.0	10247.0	10304.0	10236.0									
17. NOF %	96.4	95.9	74.1	91.6									
18. NPC (MW)	162.0	162.0	162.0	162.0									
19. ANOHR Equation	$10\% / AKW * [ 96.28 + 12.10 * JUN + 11.27 * JUL - 11.78 * OCT ]$ $+ 9.613$												

**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									
2.	PH	744.0	696.0	743.0	720.0									
3.	SH	744.0	646.3	743.0	672.4									
4.	RSH	0.0	0.0	0.0	0.0									
5.	UH	0.0	49.7	0.0	47.6									
6.	POH	0.0	0.0	0.0	47.6									
7.	FOH	0.0	0.0	0.0	0.0									
8.	MOH	0.0	49.7	0.0	0.0									
9.	PFOH	5.0	291.8	41.9	0.0									
10.	LR pf (MW)	35.0	110.6	112.0	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)	195.0	195.0	195.0	195.0									
14.	Oper MBtu	1391962.0	934357.0	1104352.0	1219712.0									
15.	Net Gen (MWH)	135307.0	89004.0	105945.0	117541.0									
16.	ANOHR (Btu/KWH)	10287.0	10498.0	10424.0	10377.0									
17.	NOF %	93.3	70.6	73.1	89.6									
18.	NPC (MW)	195.0	195.0	195.0	195.0									
19.	ANOHR Equation	$10\% / AKW * [ 275.87 - 16.87 * MAY - 11.84 * JUL - 10.07 * SEP ]$ $+ 7.294 + 0.00822 * LSRF / AKW$												

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									
2. PH	744.0	696.0	743.0	720.0									
3. SH	744.0	478.6	685.7	720.0									
4. RSH	0.0	140.8	0.0	0.0									
5. UH	0.0	76.6	57.3	0.0									
6. POH	0.0	0.0	0.0	0.0									
7. FOH	0.0	14.0	57.3	0.0									
8. MOH	0.0	62.6	0.0	0.0									
9. PFOH	39.9	14.9	10.3	9.0									
10. LR pf (MW)	271.3	240.2	68.6	174.4									
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)	500.0	500.0	500.0	500.0									
14. Oper MBtu	3618149.0	2181259.0	3419610.0	3494244.0									
15. Net Gen (MWH)	355261.0	219617.0	338772.0	349259.0									
16. ANOHR (Btu/KWH)	10184.0	9932.0	10094.0	10005.0									
17. NOF %	95.5	91.8	98.8	97.0									
18. NPC (MW)	500.0	500.0	500.0	500.0									
19. ANOHR Equation	$10\% / AKW * [ 695.23 ]$ $+ 8.686$												



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									
2. PH	744.0	696.0	743.0	720.0									
3. SH	480.6	696.0	497.8	619.6									
4. RSH	0.0	0.0	0.0	0.0									
5. UH	263.4	0.0	245.2	100.4									
6. POH	0.0	0.0	227.9	0.0									
7. FOH	234.6	0.0	0.0	0.0									
8. MOH	28.8	0.0	17.3	100.4									
9. PFOH	28.8	14.2	5.0	12.9									
10. LR pf (MW)	53.7	153.6	178.8	62.7									
11. PMOH	3.5	6.8	9.9	23.7									
12. LR pm (MW)	342.8	273.0	40.8	34.0									
13. NSC (MW)	507.0	507.0	507.0	507.0									
14. Oper MBtu	2249958.0	3150307.0	2359958.0	2954737.0									
15. Net Gen (MWH)	230517.0	330839.0	240149.0	300596.0									
16. ANOHR (Btu/KWH)	9760.0	9522.0	9827.0	9830.0									
17. NOF %	94.6	93.8	95.2	95.7									
18. NPC (MW)	507.0	507.0	507.0	507.0									
19. ANOHR Equation	$10^6 / AKW * [ 398.00 - 123.89 * MAR - 108.06 * MAY - 96.34 * SEP ]$ $+ 9.262$												

















