

**Susan D. Ritenour**  
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August 18, 2006

Ms. Blanca S. Bayo, Director  
Division of the Commission Clerk and Administrative Services  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee FL 32399-0870

Dear Ms. Bayo:

RE: COMMISSION STAFF'S MINIMUM FILING REQUIREMENTS IN  
SUPPORT OF THE MONTHLY FUEL AND PURCHASED POWER COST  
RECOVERY CHARGE IN DOCKET NO. 060001-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 July 2006, Retail Cost Recovery Charges for Plant Crist, Plant Smith, and Plant Daniel. These schedules are being sent separate from the monthly filing.

Sincerely,

A handwritten signature in cursive script that reads "Susan D. Ritenour".

bh

Enclosures

cc w/attachment: Florida Public Service Commission  
Sid Matlock

DOCUMENT NUMBER DATE

07474 AUG 21 8

FPSC-COMMISSION CLERK

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2006 - December 2006**

CRIST 4	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
1. EAF (%)	93.8	85.2	85.1	100.0	99.7	100.0	98.7						
2. PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0						
3. SH	698.1	574.6	633.4	719.0	744.0	720.0	744.0						
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
5. UH	45.9	97.4	110.6	0.0	0.0	0.0	0.0						
6. POH	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						
8. MOH	45.9	97.4	110.6	0.0	0.0	0.0	0.0						
9. PFOH	0.0	5.2	0.0	0.0	15.3	0.0	27.0						
10. LR pf (MW)	0.0	31.0	0.0	0.0	13.0	0.0	28.0						
11. PMOH	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						
13. NSC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0						
14. Oper MBtu	500638.0	435248.0	494071.0	562126.0	543263.0	565088.0	577091.0						
15. Net Gen (MWH)	47736.0	41511.0	46620.0	53326.0	50608.0	51756.0	52497.0						
16. ANOHR (Btu/KWH)	10488.0	10485.0	10598.0	10541.0	10735.0	10918.0	10993.0						
17. NOF %	87.7	92.6	94.4	95.1	87.2	92.2	90.5						
18. NPC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0						
19. ANOHR Equation	$10^6 / AKW * [ 498.36 - 12.78 * JAN - 8.72 * FEB ]$ $-4347 + 0.10869 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2006 - December 2006

	CRIST 5	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
1.	EAF (%)	100.0	85.6	86.8	100.0	98.8	95.2	100.0						
2.	PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0						
3.	SH	744.0	576.3	645.9	719.0	744.0	685.2	744.0						
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
5.	UH	0.0	95.7	98.1	0.0	0.0	34.8	0.0						
6.	POH	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						
8.	MOH	0.0	95.7	98.1	0.0	0.0	34.8	0.0						
9.	PFOH	0.0	7.5	0.0	0.0	38.8	0.0	0.0						
10.	LR pf (MW)	0.0	14.0	0.0	0.0	18.1	0.0	0.0						
11.	PMOH	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						
13.	NSC (MW)	80.0	80.0	80.0	80.0	80.0	80.0	80.0						
14.	Oper MBtu	528360.0	410430.0	493170.0	539188.0	528793.0	519735.0	564924.0						
15.	Net Gen (MWH)	50081.0	39593.0	46649.0	51618.0	49360.0	47525.0	52109.0						
16.	ANOHR (Btu/KWH)	10550.0	10366.0	10572.0	10446.0	10713.0	10936.0	10841.0						
17.	NOF %	84.1	85.9	90.3	89.7	82.9	86.7	87.5						
18.	NPC (MW)	80.0	80.0	80.0	80.0	80.0	80.0	80.0						
19.	ANOHR Equation	$10^{*6} / AKW * [ 563.97 - 15.45 * JAN - 14.34 * AUG - 16.27 * NOV ]$ $-5954 + 0.11802 * LSRF / AKW$												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2006 - December 2006**

CRIST 6	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
1. EAF (%)	98.0	95.8	50.6	0.0	52.2	100.0	99.5						
2. PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0						
3. SH	744.0	644.1	377.8	0.0	388.0	720.0	744.0						
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
5. UH	0.0	27.9	366.2	719.0	356.0	0.0	0.0						
6. POH	0.0	0.0	335.7	719.0	351.7	0.0	0.0						
7. FOH	0.0	0.0	30.5	0.0	4.3	0.0	0.0						
8. MOH	0.0	27.9	0.0	0.0	0.0	0.0	0.0						
9. PFOH	22.9	2.7	8.3	0.0	0.0	0.0	23.8						
10. LR pf (MW)	198.9	8.0	48.0	0.0	0.0	0.0	51.2						
11. PMOH	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						
13. NSC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	302.0						
14. Oper MBtu	1935100.0	1821342.0	1082338.0	0.0	958094.0	2180856.0	2250613.0						
15. Net Gen (MWH)	191120.0	176354.0	105121.0	0.0	90624.0	207333.0	214642.0						
16. ANOHR (Btu/KWH)	10125.0	10328.0	10296.0	0.0	10572.0	10519.0	10485.0						
17. NOF %	85.1	90.7	92.1	0.0	77.3	95.4	95.5						
18. NPC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	302.0						
19. ANOHR Equation	$10^6 / AKW * [ 313.41 ]$ $+ 9,123$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2006 - December 2006

	CRIST 7	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
1.	EAF (%)	99.9	84.7	93.7	92.5	89.7	91.1	90.5						
2.	PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0						
3.	SH	744.0	576.8	716.2	692.6	671.7	661.6	699.0						
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
5.	UH	0.0	95.2	27.8	26.4	72.3	58.4	45.0						
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
7.	FOH	0.0	4.4	0.0	0.0	0.0	0.0	37.0						
8.	MOH	0.0	90.8	27.8	26.4	72.3	58.4	8.0						
9.	PFOH	2.6	96.9	162.1	135.7	125.5	73.7	76.8						
10.	LR pf (MW)	61.0	36.6	55.1	77.5	15.5	38.9	24.1						
11.	PMOH	2.7	0.0	0.0	32.9	0.0	0.0	55.7						
12.	LR pm (MW)	70.0	0.0	0.0	77.0	0.0	0.0	187.1						
13.	NSC (MW)	477.0	477.0	477.0	477.0	477.0	477.0	477.0						
14.	Oper MBtu	3358481.0	2710502.0	3377037.0	3201033.0	3094997.0	3099764.0	3180717.0						
15.	Net Gen (MWH)	331585.0	261391.0	320786.0	307437.0	299371.0	293365.0	301002.0						
16.	ANOHR (Btu/KWH)	10129.0	10370.0	10527.0	10412.0	10338.0	10566.0	10567.0						
17.	NOF %	93.4	95.0	93.9	93.1	93.4	93.0	90.3						
18.	NPC (MW)	477.0	477.0	477.0	477.0	477.0	477.0	477.0						
19.	ANOHR Equation	10^6 / AKW * [ 512.95 ] + 9,084												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2006 - December 2006**

SMITH 1	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
1. EAF (%)	99.7	99.8	99.0	100.0	86.7	99.9	95.4						
2. PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0						
3. SH	744.0	672.0	744.0	719.0	647.5	720.0	712.8						
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
5. UH	0.0	0.0	0.0	0.0	96.5	0.0	31.2						
6. POH	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						
8. MOH	0.0	0.0	0.0	0.0	96.5	0.0	31.2						
9. PFOH	3.0	0.4	15.8	0.4	4.9	4.2	7.9						
10. LR pf (MW)	112.0	16.2	44.8	30.0	29.0	31.7	40.0						
11. PMOH	0.0	9.3	15.0	0.0	3.3	0.0	8.0						
12. LR pm (MW)	0.0	26.2	34.7	0.0	61.0	0.0	17.0						
13. NSC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0						
14. Oper MBtu	1156161.0	1071002.0	1178050.0	1133055.0	980635.0	1146708.0	1113499.0						
15. Net Gen (MWH)	112215.0	104480.0	115997.0	111425.0	96017.0	109536.0	106617.0						
16. ANOHR (Btu/KWH)	10303.0	10251.0	10156.0	10169.0	10213.0	10469.0	10444.0						
17. NOF %	93.1	96.0	96.2	95.7	91.5	93.9	92.3						
18. NPC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0						
19. ANOHR Equation	$10^6 / AKW * [ 117.29 - 12.42 * AUG - 14.59 * OCT ]$ + 9,462												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2006 - December 2006**

	SMITH 2	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
1.	EAF (%)	99.5	93.4	99.9	85.6	90.5	99.0	92.2						
2.	PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0						
3.	SH	744.0	632.2	744.0	615.5	736.5	712.9	744.0						
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
5.	UH	0.0	39.8	0.0	103.5	7.5	7.1	0.0						
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
7.	FOH	0.0	0.0	0.0	0.0	7.5	7.1	0.0						
8.	MOH	0.0	39.8	0.0	103.5	0.0	0.0	0.0						
9.	PFOH	13.8	10.3	1.5	2.3	224.6	0.4	170.8						
10.	LR pf (MW)	56.3	28.9	51.7	17.0	54.7	19.0	64.0						
11.	PMOH	0.0	32.0	0.0	0.0	0.0	0.0	6.1						
12.	LR pm (MW)	0.0	17.0	0.0	0.0	0.0	0.0	64.0						
13.	NSC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	195.0						
14.	Oper MBtu	1374650.0	1195460.0	1437852.0	1157850.0	1225828.0	1314703.0	1292575.0						
15.	Net Gen (MWH)	132283.0	115412.0	139483.0	111477.0	119292.0	125891.0	123272.0						
16.	ANOHR (Btu/KWH)	10392.0	10358.0	10308.0	10386.0	10276.0	10443.0	10486.0						
17.	NOF %	91.2	93.6	96.1	92.9	83.1	90.6	85.0						
18.	NPC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	195.0						
19.	ANOHR Equation	$10^6 / AKW * [ 105.64 - 75.81 * MAR + 46.86 * APR ]$ $+ 9,669$												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2006 - December 2006**

	DANIEL 1	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
1.	EAF (%)	98.5	99.3	99.5	81.4	99.9	99.3	99.3						
2.	PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0						
3.	SH	744.0	672.0	744.0	590.0	744.0	720.0	744.0						
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
5.	UH	0.0	0.0	0.0	129.0	0.0	0.0	0.0						
6.	POH	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						
8.	MOH	0.0	0.0	0.0	129.0	0.0	0.0	0.0						
9.	PFOH	11.4	31.7	8.9	8.4	8.6	20.9	34.8						
10.	LR pf (MW)	319.2	55.9	175.9	206.8	47.5	100.2	61.6						
11.	PMOH	9.3	4.6	3.0	2.4	0.0	6.5	9.6						
12.	LR pm (MW)	208.5	126.1	134.0	245.8	0.0	87.0	57.3						
13.	NSC (MW)	514.0	514.0	514.0	514.0	514.0	514.0	514.0						
14.	Oper MBtu	3337191.0	3355757.0	3595471.0	2699979.0	3266166.0	3478655.0	3653184.0						
15.	Net Gen (MWH)	328710.0	330423.0	358773.0	266568.0	320440.0	341250.0	367717.0						
16.	ANOHR (Btu/KWH)	10152.0	10156.0	10022.0	10129.0	10193.0	10194.0	9935.0						
17.	NOF %	86.0	95.7	93.8	87.9	83.8	92.2	96.2						
18.	NPC (MW)	514.0	514.0	514.0	514.0	514.0	514.0	514.0						
19.	ANOHR Equation	$10^6 / AKW * [ 2810.38 + 68.52 * APR - 58.18 * MAY - 90.02 * AUG ]$ $+ 2,265 + 10^6 / AKW * [ -0.1179 * BTU/LB ] + 0.00953 * LSRF / AKW$												



**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2006 - December 2006**

	DANIEL 2	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
1.	EAF (%)	99.6	98.5	38.4	0.6	70.7	98.5	99.8						
2.	PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0						
3.	SH	744.0	672.0	287.5	4.3	534.4	716.1	744.0						
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
5.	UH	0.0	0.0	456.5	714.7	209.6	3.9	0.0						
6.	POH	0.0	0.0	456.5	659.8	0.0	0.0	0.0						
7.	FOH	0.0	0.0	0.0	54.9	209.6	3.9	0.0						
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
9.	PFOH	34.9	88.1	24.0	0.0	41.0	27.6	6.6						
10.	LR pf (MW)	12.5	58.5	33.6	0.0	106.5	125.1	84.4						
11.	PMOH	14.5	3.9	0.0	0.0	0.0	0.0	2.8						
12.	LR pm (MW)	78.0	7.0	0.0	0.0	0.0	0.0	88.1						
13.	NSC (MW)	500.0	500.0	500.0	500.0	500.0	500.0	500.0						
14.	Oper MBtu	3359842.0	3255022.0	1301415.0	59745.0	2213104.0	3210758.0	3463296.0						
15.	Net Gen (MWH)	332654.0	324547.0	137642.0	529.0	226785.0	325586.0	342529.0						
16.	ANOHR (Btu/KWH)	10100.0	10029.0	9455.0	112940.0	9759.0	9861.0	10111.0						
17.	NOF %	89.4	96.6	95.8	24.6	84.9	90.9	92.1						
18.	NPC (MW)	500.0	500.0	500.0	500.0	500.0	500.0	500.0						
19.	ANOHR Equation	$10^6 / AKW * [ 2174.94 + 62.25 * JUN + 85.53 * JUL - 82.98 * AUG + 86.31 * OCT ]$ $+ 8,739 + 10^6 / AKW * [ -0.1460 * BTU/LB ]$												













