

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

ORIGINAL

RECEIVED TPSC

06 MAY 22 AM 9:15



May 19, 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 April 2006, 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
benh

- CMP _____
- COM 5 _____
- CTR _____
- ECR _____
- GCL _____
- DPC _____
- RCA _____
- SCR _____
- IGA _____
- IEC _____
- OTH cover letter

bh

Attachment

cc w/attachment: Florida Public Service Commission
Sid Matlock

DISTRIBUTION CENTER
06 MAY 22 AM 9:19

DOCUMENT NUMBER-DATE

04431 MAY 22 06

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									
2.	PH	744.0	672.0	744.0	719.0									
3.	SH	698.1	574.6	633.4	719.0									
4.	RSH	0.0	0.0	0.0	0.0									
5.	UH	45.9	97.4	110.6	0.0									
6.	POH	0.0	0.0	0.0	0.0									
7.	FOH	0.0	0.0	0.0	0.0									
8.	MOH	45.9	97.4	110.6	0.0									
9.	PFOH	0.0	5.2	0.0	0.0									
10.	LR pf (MW)	0.0	31.0	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	500638.0	435248.0	494071.0	562126.0									
15.	Net Gen (MWH)	47736.0	41511.0	46620.0	53326.0									
16.	ANOHR (Btu/KWH)	10488.0	10485.0	10598.0	10541.0									
17.	NOF %	87.7	92.6	94.4	95.1									
18.	NPC (MW)	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									
2.	PH	744.0	672.0	744.0	719.0									
3.	SH	744.0	576.3	645.9	719.0									
4.	RSH	0.0	0.0	0.0	0.0									
5.	UH	0.0	95.7	98.1	0.0									
6.	POH	0.0	0.0	0.0	0.0									
7.	FOH	0.0	0.0	0.0	0.0									
8.	MOH	0.0	95.7	98.1	0.0									
9.	PFOH	0.0	7.5	0.0	0.0									
10.	LR pf (MW)	0.0	14.0	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)	80.0	80.0	80.0	80.0									
14.	Oper MBtu	528360.0	410430.0	493170.0	539188.0									
15.	Net Gen (MWH)	50081.0	39593.0	46649.0	51618.0									
16.	ANOHR (Btu/KWH)	10550.0	10366.0	10572.0	10446.0									
17.	NOF %	84.1	85.9	90.3	89.7									
18.	NPC (MW)	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									
2. PH	744.0	672.0	744.0	719.0									
3. SH	744.0	644.1	377.8	0.0									
4. RSH	0.0	0.0	0.0	0.0									
5. UH	0.0	27.9	366.2	719.0									
6. POH	0.0	0.0	335.7	719.0									
7. FOH	0.0	0.0	30.5	0.0									
8. MOH	0.0	27.9	0.0	0.0									
9. PFOH	22.9	2.7	8.3	0.0									
10. LR pf (MW)	198.9	8.0	48.0	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	1935100.0	1821342.0	1082338.0	0.0									
15. Net Gen (MWH)	191120.0	176354.0	105121.0	0.0									
16. ANOHR (Btu/KWH)	10125.0	10328.0	10296.0	0.0									
17. NOF %	85.1	90.7	92.1	0.0									
18. NPC (MW)	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	93.8	92.5									
2. PH	744.0	672.0	744.0	719.0									
3. SH	744.0	576.8	716.2	692.6									
4. RSH	0.0	0.0	0.0	0.0									
5. UH	0.0	95.2	27.8	26.4									
6. POH	0.0	0.0	0.0	0.0									
7. FOH	0.0	4.4	0.0	0.0									
8. MOH	0.0	90.8	27.8	26.4									
9. PFOH	2.6	96.9	133.5	135.7									
10. LR pf (MW)	61.0	36.6	64.9	77.5									
11. PMOH	2.7	0.0	0.0	32.9									
12. LR pm (MW)	70.0	0.0	0.0	77.0									
13. NSC (MW)	477.0	477.0	477.0	477.0									
14. Oper MBtu	3358481.0	2710502.0	3377037.0	3201033.0									
15. Net Gen (MWH)	331585.0	261391.0	320786.0	307437.0									
16. ANOHR (Btu/KWH)	10129.0	10370.0	10527.0	10412.0									
17. NOF %	93.4	95.0	93.9	93.1									
18. NPC (MW)	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	99.1	100.0									
2. PH	744.0	672.0	744.0	719.0									
3. SH	744.0	672.0	744.0	719.0									
4. RSH	0.0	0.0	0.0	0.0									
5. UH	0.0	0.0	0.0	0.0									
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	0.0									
9. PFOH	3.0	0.4	15.8	0.4									
10. LR pf (MW)	112.0	16.2	44.8	30.0									
11. PMOH	0.0	9.3	11.8	0.0									
12. LR pm (MW)	0.0	26.2	36.8	0.0									
13. NSC (MW)	162.0	162.0	162.0	162.0									
14. Oper MBtu	1156161.0	1071002.0	1178050.0	1133055.0									
15. Net Gen (MWH)	112215.0	104480.0	115997.0	111425.0									
16. ANOHR (Btu/KWH)	10303.0	10251.0	10156.0	10169.0									
17. NOF %	93.1	96.0	96.2	95.7									
18. NPC (MW)	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									
2. PH	744.0	672.0	744.0	719.0									
3. SH	744.0	632.2	744.0	615.5									
4. RSH	0.0	0.0	0.0	0.0									
5. UH	0.0	39.8	0.0	103.5									
6. POH	0.0	0.0	0.0	0.0									
7. FOH	0.0	0.0	0.0	0.0									
8. MOH	0.0	39.8	0.0	103.5									
9. PFOH	13.8	10.3	1.5	2.3									
10. LR pf (MW)	56.3	28.9	51.7	17.0									
11. PMOH	0.0	32.0	0.0	0.0									
12. LR pm (MW)	0.0	17.0	0.0	0.0									
13. NSC (MW)	195.0	195.0	195.0	195.0									
14. Oper MBtu	1374650.0	1195460.0	1437852.0	1157850.0									
15. Net Gen (MWH)	132283.0	115412.0	139483.0	111477.0									
16. ANOHR (Btu/KWH)	10392.0	10358.0	10308.0	10386.0									
17. NOF %	91.2	93.6	96.1	92.9									
18. NPC (MW)	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									
2. PH	744.0	672.0	744.0	719.0									
3. SH	744.0	672.0	744.0	590.0									
4. RSH	0.0	0.0	0.0	0.0									
5. UH	0.0	0.0	0.0	129.0									
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	129.0									
9. PFOH	11.4	31.7	8.9	8.4									
10. LR pf (MW)	319.2	55.9	175.9	206.8									
11. PMOH	9.3	4.6	3.0	2.4									
12. LR pm (MW)	208.5	126.1	134.0	245.8									
13. NSC (MW)	514.0	514.0	514.0	514.0									
14. Oper MBtu	3337191.0	3355757.0	3595471.0	2699979.0									
15. Net Gen (MWH)	328710.0	330423.0	358773.0	266568.0									
16. ANOHR (Btu/KWH)	10152.0	10156.0	10022.0	10129.0									
17. NOF %	86.0	95.7	93.8	87.9									
18. NPC (MW)	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									
2.	PH	744.0	672.0	744.0	719.0									
3.	SH	744.0	672.0	287.5	4.3									
4.	RSH	0.0	0.0	0.0	0.0									
5.	UH	0.0	0.0	456.5	714.7									
6.	POH	0.0	0.0	456.5	659.8									
7.	FOH	0.0	0.0	0.0	54.9									
8.	MOH	0.0	0.0	0.0	0.0									
9.	PFOH	34.9	88.1	24.0	0.0									
10.	LR pf (MW)	12.5	58.5	33.6	0.0									
11.	PMOH	14.5	3.9	0.0	0.0									
12.	LR pm (MW)	78.0	7.0	0.0	0.0									
13.	NSC (MW)	500.0	500.0	500.0	500.0									
14.	Oper MBtu	3359842.0	3255022.0	1301415.0	59745.0									
15.	Net Gen (MWH)	332654.0	324547.0	137642.0	529.0									
16.	ANOHR (Btu/KWH)	10100.0	10029.0	9455.0	112940.0									
17.	NOF %	89.4	96.6	95.8	24.6									
18.	NPC (MW)	500.0	500.0	500.0	500.0									
19.	ANOHR Equation	$10^6 / AKW * [2174.94 + 62.25 * JUN + 85.53 * JUL - 82.98 * AUG + 86.31 * OCT]$ $+ 8,739 + 10^6 / AKW * [-0.1460 * BTU/LB]$												

