

**Susan D. Ritenour**  
Secretary and Treasurer  
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May 20, 2005

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. 050001-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 for April 2005, 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 black ink that reads "Susan D. Ritenour/db". The signature is written in a cursive style.

db

Attachment

cc: Florida Public Service Commission  
Sid Matlock

DOCUMENT NUMBER-DATE

04978 MAY 23 05

FPSC-COMMISSION CLERK

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2005 - December 2005

CRIST 4	Jan '05	Feb '05	Mar '05	Apr '05	May '05	Jun '05	Jul '05	Aug '05	Sep '05	Oct '05	Nov '05	Dec '05	Total
1. EAF (%)	73.8	100.0	100.0	86.8									
2. PH	744.0	672.0	744.0	719.0									
3. SH	486.7	672.0	744.0	645.8									
4. RSH	62.6	0.0	0.0	0.0									
5. UH	194.7	0.0	0.0	73.2									
6. POH	194.7	0.0	0.0	0.0									
7. FOH	0.0	0.0	0.0	0.0									
8. MOH	0.0	0.0	0.0	73.2									
9. PFOH	0.0	0.0	0.0	65.3									
10. LR pf (MW)	0.0	0.0	0.0	25.8									
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	318902.0	437473.0	524220.0	453066.0									
15. Net Gen (MWH)	30356.0	41425.0	49418.0	42140.0									
16. ANOHR (Btu/KWH)	10505.0	10561.0	10608.0	10751.0									
17. NOF %	80.0	79.0	85.2	83.7									
18. NPC (MW)	78.0	78.0	78.0	78.0									
19.	-7798 + 0.13404 * LSRF / AKW												

FPSC-COMMISSION CLERK

04978 MAY 23 2005

	CRIST 5	Jan '05	Feb '05	Mar '05	Apr '05	May '05	Jun '05	Jul '05	Aug '05	Sep '05	Oct '05	Nov '05	Dec '05	Total
1.	EAF (%)	73.5	95.4	100.0	90.8									
2.	PH	744.0	672.0	744.0	719.0									
3.	SH	475.0	641.4	744.0	654.2									
4.	RSH	72.0	0.0	0.0	0.0									
5.	UH	197.0	30.6	0.0	64.8									
6.	POH	192.0	0.0	0.0	0.0									
7.	FOH	0.0	0.0	0.0	0.0									
8.	MOH	5.0	30.6	0.0	64.8									
9.	PFOH	0.0	0.0	0.0	8.1									
10.	LR pf (MW)	0.0	0.0	0.0	10.0									
11.	PMOH	0.5	0.0	0.0	0.0									
12.	LR pm (MW)	30.0	0.0	0.0	0.0									
13.	NSC (MW)	80.0	80.0	80.0	80.0									
14.	Oper MBtu	319857.0	421365.0	545812.0	461543.0									
15.	Net Gen (MWH)	30254.0	40721.0	51803.0	43347.0									
16.	ANOHR (Btu/KWH)	10572.0	10348.0	10536.0	10648.0									
17.	NOF %	79.6	79.4	87.0	82.8									
18.	NPC (MW)	80.0	80.0	80.0	80.0									
19.	ANOHR Equation	$10^6 / AKW * [ 160.95 - 14.39 * JUL - 17.85 * AUG - 13.91 * SEP - 18.50 * OCT - 35.97 * NOV ]$ + 8,240												

**ACTUAL UNIT PERFORMANCE DATA**

**PERIOD OF: January 2005 - December 2005**

CRIST 6	Jan '05	Feb '05	Mar '05	Apr '05	May '05	Jun '05	Jul '05	Aug '05	Sep '05	Oct '05	Nov '05	Dec '05	Total
1. EAF (%)	97.7	99.6	<b>95.8</b>	89.0									
2. PH	744.0	672.0	744.0	719.0									
3. SH	726.9	672.0	713.7	646.1									
4. RSH	0.0	0.0	0.0	0.0									
5. UH	17.1	0.0	30.3	72.9									
6. POH	0.0	0.0	0.0	0.0									
7. FOH	1.4	0.0	30.3	72.9									
8. MOH	15.7	0.0	0.0	0.0									
9. PFOH	0.0	0.0	17.2	11.9									
10. LR pf (MW)	0.0	0.0	7.0	162.0									
11. PMOH	0.0	9.0	4.3	0.0									
12. LR pm (MW)	0.0	97.0	28.0	0.0									
13. NSC (MW)	302.0	302.0	302.0	302.0									
14. Oper MBtu	1991589.0	1743065.0	1987527.0	1835137.0									
15. Net Gen (MWH)	196901.0	170714.0	193513.0	178457.0									
16. ANOHR (Btu/KWH)	10115.0	10210.0	10271.0	10283.0									
17. NOF %	89.7	84.1	89.8	91.5									
18. NPC (MW)	302.0	302.0	302.0	302.0									
19. ANOHR Equation	$10^6 / AKW * [ 1533.78 + 120.92 * JAN + 64.73 * JUL + 71.04 * AUG + 66.84 * OCT ]$ $-3884 + 0.02998 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2005 - December 2005

CRIST 7	Jan '05	Feb '05	Mar '05	Apr '05	May '05	Jun '05	Jul '05	Aug '05	Sep '05	Oct '05	Nov '05	Dec '05	Total
1. EAF (%)	89.6	0.0	0.0	44.5									
2. PH	744.0	672.0	744.0	719.0									
3. SH	670.7	0.0	0.0	339.5									
4. RSH	0.0	0.0	0.0	0.0									
5. UH	73.3	672.0	744.0	379.5									
6. POH	73.3	672.0	744.0	310.0									
7. FOH	0.0	0.0	0.0	2.1									
8. MOH	0.0	0.0	0.0	67.4									
9. PFOH	17.7	0.0	0.0	43.7									
10. LR pf (MW)	107.8	0.0	0.0	217.0									
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)	477.0	477.0	477.0	477.0									
14. Oper MBtu	3034134.0	0.0	0.0	928508.0									
15. Net Gen (MWH)	299438.0	0.0	0.0	71555.0									
16. ANOHR (Btu/KWH)	10133.0	0.0	0.0	12976.0									
17. NOF %	93.6	0.0	0.0	44.2									
18. NPC (MW)	477.0	477.0	477.0	477.0									
19. ANOHR Equation	$10^6 / AKW * [ 1414.12 - 52.99 * JAN - 235.50 * MAR + 42.16 * JUL + 51.30 * SEP - 45.57 * OCT ]$ $+ 2.568 + 0.00993 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2005 - December 2005

	SMITH 1	Jan '05	Feb '05	Mar '05	Apr '05	May '05	Jun '05	Jul '05	Aug '05	Sep '05	Oct '05	Nov '05	Dec '05	Total
1.														
2.	PH	744.0	672.0	744.0	719.0									
3.	SH	744.0	672.0	693.1	686.8									
4.	RSH	0.0	0.0	0.0	0.0									
5.	UH	0.0	0.0	50.9	32.2									
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	50.9	31.2									
9.	PFOH	0.0	0.0	4.5	2.4									
10.	LR pf (MW)	0.0	0.0	17.0	115.1									
11.	PMOH	0.0	0.0	0.0	12.8									
12.	LR pm (MW)	0.0	0.0	0.0	80.1									
13.	NSC (MW)	162.0	162.0	162.0	162.0									
14.	Oper MBtu	1155929.0	925946.0	1070066.0	1071765.0									
15.	Net Gen (MWH)	112271.0	90026.0	104699.0	104039.0									
16.	ANOHR (Btu/KWH)	10296.0	10285.0	10220.0	10302.0									
17.	NOF %	93.1	82.7	93.2	93.5									
18.	NPC (MW)	162.0	162.0	162.0	162.0									
19.	ANOHR Equation	$10^6 / AKW * [ 334.98 - 12.87 * JAN ]$ $+ 4,856 + 0.02059 * LSRF / AKW$												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2005 - December 2005**

	SMITH 2	Jan '05	Feb '05	Mar '05	Apr '05	May '05	Jun '05	Jul '05	Aug '05	Sep '05	Oct '05	Nov '05	Dec '05	Total
1.	EAF (%)	99.8	62.5	0.0	2.7									
2.	PH	744.0	672.0	744.0	719.0									
3.	SH	744.0	421.2	0.0	19.4									
4.	RSH	0.0	0.0	0.0	0.0									
5.	UH	0.0	250.8	744.0	699.6									
6.	POH	0.0	250.8	744.0	699.6									
7.	FOH	0.0	0.0	0.0	0.0									
8.	MOH	0.0	0.0	0.0	0.0									
9.	PFOH	3.0	3.2	0.0	0.0									
10.	LR pf (MW)	114.0	59.0	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)	189.0	189.0	189.0	189.0									
14.	Oper MBtu	1325383.0	676137.0	0.0	27458.0									
15.	Net Gen (MWH)	126868.0	64250.0	0.0	2298.0									
16.	ANOHR (Btu/KWH)	10447.0	10524.0	0.0	11949.0									
17.	NOF %	90.2	80.7	0.0	62.7									
18.	NPC (MW)	189.0	189.0	189.0	189.0									
19.	ANOHR Equation	$10^6 / AKW * [ -318.85 - 47.20 * JAN - 23.05 * FEB - 61.42 * MAR + 62.94 * APR + 16.98 * MAY + 24.15 * JUN ]$ $+ 15,607 - 0.02010 * LSRF / AKW$												

DANIEL 1	Jan '05	Feb '05	Mar '05	Apr '05	May '05	Jun '05	Jul '05	Aug '05	Sep '05	Oct '05	Nov '05	Dec '05	Total
1. EAF (%)	100.0	99.8	97.0	93.7									
2. PH	744.0	672.0	744.0	719.0									
3. SH	744.0	672.0	731.7	692.2									
4. RSH	0.0	0.0	0.0	0.0									
5. UH	0.0	0.0	12.3	26.8									
6. POH	0.0	0.0	0.0	0.0									
7. FOH	0.0	0.0	12.3	26.8									
8. MOH	0.0	0.0	0.0	0.0									
9. PFOH	0.3	4.4	10.5	29.6									
10. LR pf (MW)	88.0	171.8	294.3	319.4									
11. PMOH	0.0	0.0	12.4	1.9									
12. LR pm (MW)	0.0	0.0	151.6	60.9									
13. NSC (MW)	514.0	514.0	514.0	514.0									
14. Oper MBtu	3707546.0	3378423.0	3604174.0	3504782.0									
15. Net Gen (MWH)	368952.0	333108.0	354591.0	333539.0									
16. ANOHR (Btu/KWH)	10049.0	10142.0	10164.0	10508.0									
17. NOF %	96.5	96.4	94.3	93.7									
18. NPC (MW)	514.0	514.0	514.0	514.0									
19. ANOHR Equation	$10^6 / AKW * [ 382.13 + 83.86 * JAN - 72.84 * OCT ]$ + 9.183												



ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2005 - December 2005

DANIEL 2	Jan '05	Feb '05	Mar '05	Apr '05	May '05	Jun '05	Jul '05	Aug '05	Sep '05	Oct '05	Nov '05	Dec '05	Total
1. EAF (%)	98.2	99.9	12.4	80.4									
PH	744.0	672.0	744.0	719.0									
SH	744.0	672.0	92.2	694.7									
RSH	0.0	0.0	0.0	0.0									
UH	0.0	0.0	651.8	24.3									
POH	0.0	0.0	651.0	0.0									
FOH	0.0	0.0	0.8	24.3									
MOH	0.0	0.0	0.0	0.0									
PFOH	185.0	3.1	0.0	301.3									
LR pf (MW)	36.3	68.4	0.0	189.0									
PMOH	0.4	0.0	0.0	16.5									
LR pm (MW)	74.0	0.0	0.0	92.4									
NSC (MW)	500.0	500.0	500.0	500.0									
14. Oper MBtu	3664367.0	3408762.0	448516.0	2827650.0									
15. Net Gen (MWH)	354509.0	332955.0	42687.0	272448.0									
16. ANOHR (Btu/KWH)	10336.0	10238.0	10507.0	10379.0									
17. NOF %	95.3	99.1	92.6	78.4									
18. NPC (MW)	500.0	500.0	500.0	500.0									
19. ANOHR Equation	$10^6 / AKW * [ 1305.50 - 156.38 * JAN - 119.09 * FEB - 75.83 * MAR + 57.36 * APR ]$ $+ 3,696 + 0.00694 * LSRF / AKW$												

**ACTUAL UNIT OUTAGE DATA**

**GULF POWER COMPANY**

April, 2005

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**OUTAGE**

**(MW)**

04/20	PFO	3.4	4.0	Convection Pass Wall Slagging
04/22	PFO	61.9	27.0	Convection Pass Wall Slagging
04/25	FMO	73.2	78.0	Convection Pass Wall Slagging

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















