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ORIGINAL



RECEIVED-FPSC  
ON APR 28 AM 9:35  
COMMISSION  
CLERK

April 22, 2004

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. 040001-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 March 2004, Retail Cost Recovery Charges for Plant Crist, Plant Smith, and Plant Daniel. These schedules are being sent separate from the monthly filing.

Sincerely,

CMP \_\_\_\_\_  
COM 5 *Susan D. Ritenour*  
CTR \_\_\_\_\_

ECR \_\_\_\_\_ lw

GCL \_\_\_\_\_ Attachment

OPC \_\_\_\_\_

MMS \_\_\_\_\_ cc: Florida Public Service Commission  
Sid Matlock

RCA \_\_\_\_\_

SCR \_\_\_\_\_

SEC 1

OTH \_\_\_\_\_

DOCUMENT NUMBER-DATE

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2004 - December 2004

CRIST 4	Jan '04	Feb '04	Mar '04	Apr '04	May '04	Jun '04	Jul '04	Aug '04	Sep '04	Oct '04	Nov '04	Dec '04	Total
1. EAF (%)	100.0	100.0	100.0										
2. PH	744.0	696.0	744.0										
3. SH	744.0	696.0	744.0										
4. RSH	0.0	0.0	0.0										
5. UH	0.0	0.0	0.0										
6. POH	0.0	0.0	0.0										
7. FOH	0.0	0.0	0.0										
8. MOH	0.0	0.0	0.0										
9. PFOH	0.0	0.0	0.0										
10. LR pf (MW)	0.0	0.0	0.0										
11. PMOH	0.0	0.0	0.0										
12. LR pm (MW)	0.0	0.0	0.0										
13. NSC (MW)	78.0	78.0	78.0										
14. Oper MBtu	520852.0	515590.0	568887.0										
15. Net Gen (MWH)	49849.0	49777.0	55002.0										
16. ANOHR (Btu/KWH)	10449.0	10358.0	10343.0										
17. NOF %	85.9	91.7	94.8										
18. NPC (MW)	78.0	78.0	78.0										
19. ANOHR Equation	$10^6 / AKW * [ 617.42 + 9.96 * MAR - 23.05 * NOV ]$ $-8329 + 0.13863 * LSRF / AKW$												

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**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2004 - December 2004**

CRIST 5	Jan '04	Feb '04	Mar '04	Apr '04	May '04	Jun '04	Jul '04	Aug '04	Sep '04	Oct '04	Nov '04	Dec '04	Total
1. EAF (%)	100.0	95.5	100.0										
2. PH	744.0	696.0	744.0										
3. SH	744.0	669.9	744.0										
4. RSH	0.0	0.0	0.0										
5. UH	0.0	26.1	0.0										
6. POH	0.0	0.0	0.0										
7. FOH	0.0	0.0	0.0										
8. MOH	0.0	26.1	0.0										
9. PFOH	0.0	0.0	0.0										
10. LR pf (MW)	0.0	0.0	0.0										
11. PMOH	0.0	33.3	0.0										
12. LR pm (MW)	0.0	13.0	0.0										
13. NSC (MW)	80.0	80.0	80.0										
14. Oper MBtu	511660.0	484136.0	570915.0										
15. Net Gen (MWH)	49022.0	46011.0	55051.0										
16. ANOHR (Btu/KWH)	10437.0	10522.0	10371.0										
17. NOF %	82.4	85.9	92.5										
18. NPC (MW)	80.0	80.0	80.0										
19. ANOHR Equation	$10^6 / AKW * [ -136.85 - 13.15 * OCT - 21.65 * NOV ]$ $+ 18.611 - 0.08694 * LSRF / AKW$												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2004 - December 2004**

CRIST 6	Jan '04	Feb '04	Mar '04	Apr '04	May '04	Jun '04	Jul '04	Aug '04	Sep '04	Oct '04	Nov '04	Dec '04	Total
1. EAF (%)	0.7	95.9	97.6										
2. PH	744.0	696.0	744.0										
3. SH	5.2	667.2	725.8										
4. RSH	0.0	0.0	0.0										
5. UH	738.8	28.8	18.2										
6. POH	571.2	0.0	0.0										
7. FOH	167.6	4.8	18.2										
8. MOH	0.0	24.0	0.0										
9. PFOH	0.0	0.0	0.0										
10. LR pf (MW)	0.0	0.0	0.0										
11. PMOH	0.0	0.0	0.0										
12. LR pm (MW)	0.0	0.0	0.0										
13. NSC (MW)	302.0	302.0	302.0										
14. Oper MBtu	56840.0	1775639.0	1967176.0										
15. Net Gen (MWH)	336.0	185634.0	200102.0										
16. ANOHR (Btu/KWH)	169167.0	9565.0	9831.0										
17. NOF %	21.4	92.1	91.3										
18. NPC (MW)	302.0	302.0	302.0										
19. ANOHR Equation	$10^6 / AKW * [ 1069.69 + 44.52 * MAR - 33.07 * MAY + 30.91 * AUG ]$ $+ 844 + 0.02012 * LSRF / AKW$												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2004 - December 2004**

CRIST 7	Jan '04	Feb '04	Mar '04	Apr '04	May '04	Jun '04	Jul '04	Aug '04	Sep '04	Oct '04	Nov '04	Dec '04	Total
1. EAF (%)	100.0	3.2	0.0										
2. PH	744.0	696.0	744.0										
3. SH	744.0	22.1	0.0										
4. RSH	0.0	0.0	0.0										
5. UH	0.0	673.9	744.0										
6. POH	0.0	673.9	744.0										
7. FOH	0.0	0.0	0.0										
8. MOH	0.0	0.0	0.0										
9. PFOH	0.0	0.0	0.0										
10. LR pf (MW)	0.0	0.0	0.0										
11. PMOH	0.0	0.0	0.0										
12. LR pm (MW)	0.0	0.0	0.0										
13. NSC (MW)	477.0	477.0	477.0										
14. Oper MBtu	3209101.0	97787.0	0.0										
15. Net Gen (MWH)	314192.0	9866.0	0.0										
16. ANOHR (Btu/KWH)	10214.0	9912.0	0.0										
17. NOF %	88.5	93.6	0.0										
18. NPC (MW)	477.0	477.0	477.0										
19. ANOHR Equation	$10^6 / AKW * [ 349.83 - 96.07 * MAR + 61.52 * JUN + 115.03 * JUL + 78.38 * AUG + 90.36 * SEP + 64.01 * NOV ]$ + 9,387												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2004 - December 2004**

	SMITH 1	Jan '04	Feb '04	Mar '04	Apr '04	May '04	Jun '04	Jul '04	Aug '04	Sep '04	Oct '04	Nov '04	Dec '04	Total
1.	EAF (%)	99.8	99.9	100.0										
2.	PH	744.0	696.0	744.0										
3.	SH	744.0	696.0	744.0										
4.	RSH	0.0	0.0	0.0										
5.	UH	0.0	0.0	0.0										
6.	POH	0.0	0.0	0.0										
7.	FOH	0.0	0.0	0.0										
8.	MOH	0.0	0.0	0.0										
9.	PFOH	1.9	20.6	0.0										
10.	LR pf (MW)	142.0	3.7	0.0										
11.	PMOH	0.0	0.0	0.0										
12.	LR pm (MW)	0.0	0.0	0.0										
13.	NSC (MW)	162.0	162.0	162.0										
14.	Oper MBtu	1015202.0	1061279.0	1166910.0										
15.	Net Gen (MWH)	99035.0	102586.0	114343.0										
16.	ANOHR (Btu/KWH)	10251.0	10345.0	10205.0										
17.	NOF %	82.2	91.0	94.9										
18.	NPC (MW)	162.0	162.0	162.0										
19.	ANOHR Equation	$10^6 / AKW * [ 111.12 - 22.83 * JAN - 27.46 * FEB + 17.98 * APR ]$ + 9.412												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2004 - December 2004

SMITH 2	Jan '04	Feb '04	Mar '04	Apr '04	May '04	Jun '04	Jul '04	Aug '04	Sep '04	Oct '04	Nov '04	Dec '04	Total
1. EAF (%)	100.0	94.0	96.6										
2. PH	744.0	696.0	744.0										
3. SH	744.0	658.0	719.5										
4. RSH	0.0	0.0	0.0										
5. UH	0.0	38.0	24.5										
6. POH	0.0	0.0	0.0										
7. FOH	0.0	38.0	24.5										
8. MOH	0.0	0.0	0.0										
9. PFOH	4.7	53.4	3.3										
10. LR pf (MW)	9.0	7.7	49.0										
11. PMOH	0.0	11.0	0.0										
12. LR pm (MW)	0.0	29.0	0.0										
13. NSC (MW)	189.0	189.0	189.0										
14. Oper MBtu	1151294.0	1129417.0	1232878.0										
15. Net Gen (MWH)	113613.0	110797.0	124970.0										
16. ANOHR (Btu/KWH)	10133.0	10194.0	9865.0										
17. NOF %	80.8	89.1	91.9										
18. NPC (MW)	189.0	189.0	189.0										
19. ANOHR Equation	$10^6 / AKW * [ 139.59 - 38.77 * JAN - 43.18 * FEB - 42.50 * MAR - 16.17 * MAY + 27.46 * JUL + 19.26 * AUG ]$ + 9,289												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2004 - December 2004**

	DANIEL 1	Jan '04	Feb '04	Mar '04	Apr '04	May '04	Jun '04	Jul '04	Aug '04	Sep '04	Oct '04	Nov '04	Dec '04	Total
1.	EAF (%)	99.9	99.3	57.3										
2.	PH	744.0	696.0	744.0										
3.	SH	744.0	691.7	426.8										
4.	RSH	0.0	0.0	0.0										
5.	UH	0.0	4.3	317.2										
6.	POH	0.0	0.0	317.2										
7.	FOH	0.0	4.3	0.0										
8.	MOH	0.0	0.0	0.0										
9.	PFOH	3.1	0.3	2.9										
10.	LR pf (MW)	64.0	511.0	140.0										
11.	PMOH	0.0	0.0	0.0										
12.	LR pm (MW)	0.0	0.0	0.0										
13.	NSC (MW)	514.0	514.0	514.0										
14.	Oper MBtu	3740671.0	3402533.0	2057881.0										
15.	Net Gen (MWH)	363598.0	336226.0	203907.0										
16.	ANOHR (Btu/KWH)	10288.0	10120.0	10092.0										
17.	NOF %	95.1	94.6	92.9										
18.	NPC (MW)	514.0	514.0	514.0										
19.	ANOHR Equation	$10^6 / AKW * [ -528.45 - 59.78 * MAY + 139.64 * JUL + 75.47 * AUG ]$ $+ 15.490 - 0.00906 * LSRF / AKW$												



**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2004 - December 2004**

DANIEL 2	Jan '04	Feb '04	Mar '04	Apr '04	May '04	Jun '04	Jul '04	Aug '04	Sep '04	Oct '04	Nov '04	Dec '04	Total
1. EAF (%)	70.5	99.3	94.3										
2. PH	744.0	696.0	744.0										
3. SH	525.9	694.6	702.0										
4. RSH	0.0	0.0	0.0										
5. UH	218.1	1.4	42.0										
6. POH	164.3	0.0	0.0										
7. FOH	25.0	1.4	0.0										
8. MOH	28.8	0.0	42.0										
9. PFOH	8.0	11.6	0.8										
10. LR pf (MW)	92.6	78.9	39.6										
11. PMOH	0.0	4.8	4.0										
12. LR pm (MW)	0.0	202.0	51.7										
13. NSC (MW)	514.0	514.0	514.0										
14. Oper MBtu	2315221.0	3267921.0	3322599.0										
15. Net Gen (MWH)	243582.0	342971.0	338437.0										
16. ANOHR (Btu/KWH)	9505.0	9528.0	9817.0										
17. NOF %	90.1	96.1	93.8										
18. NPC (MW)	514.0	514.0	514.0										
19. ANOHR Equation	$10^6 / AKW * [ 571.00 - 118.56 * JAN - 87.31 * FEB - 88.00 * MAR - 88.36 * NOV ]$ + 8,698												

















