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ORIGINAL

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04 MAY 24 AM 9:03



May 20, 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

RECEIVED-FPSC  
04 MAY 24 AM 10:38  
COMMISSION  
CLERK

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 April 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 S lw
- CTR \_\_\_\_\_ Attachment
- ECR \_\_\_\_\_
- GCL \_\_\_\_\_ cc: Florida Public Service Commission  
Sid Matlock
- OPC \_\_\_\_\_
- MMS \_\_\_\_\_
- RCA \_\_\_\_\_
- SCR \_\_\_\_\_
- SEC 1
- OTH \_\_\_\_\_

DOCUMENT NUMBER-DATE

05902 MAY 24 3

FPSC-COMMISSION CLERK

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	100.0									
2. PH	744.0	696.0	744.0	719.0									
3. SH	744.0	696.0	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	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	520852.0	515590.0	568887.0	540255.0									
15. Net Gen (MWH)	49849.0	49777.0	55002.0	51719.0									
16. ANOHR (Btu/KWH)	10449.0	10358.0	10343.0	10446.0									
17. NOF %	85.9	91.7	94.8	92.2									
18. NPC (MW)	78.0	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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FPSC-COMMISSION CLERK

05902 MAY 24 3

DOCUMENT NUMBER-DATE

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	100.0									
2.	PH	744.0	696.0	744.0	719.0									
3.	SH	744.0	669.9	744.0	719.0									
4.	RSH	0.0	0.0	0.0	0.0									
5.	UH	0.0	26.1	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	26.1	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	33.3	0.0	0.0									
12.	LR pm (MW)	0.0	13.0	0.0	0.0									
13.	NSC (MW)	80.0	80.0	80.0	80.0									
14.	Oper MBtu	511660.0	484136.0	570915.0	542432.0									
15.	Net Gen (MWH)	49022.0	46011.0	55051.0	51691.0									
16.	ANOHR (Btu/KWH)	10437.0	10522.0	10371.0	10494.0									
17.	NOF %	82.4	85.9	92.5	89.9									
18.	NPC (MW)	80.0	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	23.8									
2. PH	744.0	696.0	744.0	719.0									
3. SH	5.2	667.2	725.8	171.2									
4. RSH	0.0	0.0	0.0	0.0									
5. UH	738.8	28.8	18.2	547.8									
6. POH	571.2	0.0	0.0	0.0									
7. FOH	167.6	4.8	18.2	0.0									
8. MOH	0.0	24.0	0.0	547.8									
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)	302.0	302.0	302.0	302.0									
14. Oper MBtu	56840.0	1775639.0	1967176.0	432163.0									
15. Net Gen (MWH)	336.0	185634.0	200102.0	42588.0									
16. ANOHR (Btu/KWH)	169167.0	9565.0	9831.0	10148.0									
17. NOF %	21.4	92.1	91.3	82.4									
18. NPC (MW)	302.0	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	11.1									
2.	PH	744.0	696.0	744.0	719.0									
3.	SH	744.0	22.1	0.0	81.5									
4.	RSH	0.0	0.0	0.0	0.0									
5.	UH	0.0	673.9	744.0	637.5									
6.	POH	0.0	673.9	744.0	507.7									
7.	FOH	0.0	0.0	0.0	129.8									
8.	MOH	0.0	0.0	0.0	0.0									
9.	PFOH	0.0	0.0	0.0	2.8									
10.	LR pf (MW)	0.0	0.0	0.0	317.0									
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	3209101.0	97787.0	0.0	383328.0									
15.	Net Gen (MWH)	314192.0	9866.0	0.0	35457.0									
16.	ANOHR (Btu/KWH)	10214.0	9912.0	0.0	10811.0									
17.	NOF %	88.5	93.6	0.0	91.2									
18.	NPC (MW)	477.0	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	86.9									
2.	PH	744.0	696.0	744.0	719.0									
3.	SH	744.0	696.0	744.0	625.0									
4.	RSH	0.0	0.0	0.0	0.0									
5.	UH	0.0	0.0	0.0	94.0									
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	94.0									
9.	PFOH	1.9	20.6	0.0	0.0									
10.	LR pf (MW)	142.0	3.7	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)	162.0	162.0	162.0	162.0									
14.	Oper MBtu	1015202.0	1061279.0	1166910.0	938186.0									
15.	Net Gen (MWH)	99035.0	102586.0	114343.0	91949.0									
16.	ANOHR (Btu/KWH)	10251.0	10345.0	10205.0	10203.0									
17.	NOF %	82.2	91.0	94.9	90.8									
18.	NPC (MW)	162.0	162.0	162.0	162.0									
19.	ANOHR Equation	$10\% / AKW * [ 111.12 - 22.83 * JAN - 27.46 * FEB + 17.98 * APR ]$ + 9,412												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2004 - December 2004

	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. SMITH 2													
1. EAF (%)	100.0	94.0	96.6	52.6									
2. PH	744.0	696.0	744.0	719.0									
3. SH	744.0	658.0	719.5	378.3									
4. RSH	0.0	0.0	0.0	0.0									
5. UH	0.0	38.0	24.5	340.7									
6. POH	0.0	0.0	0.0	340.7									
7. FOH	0.0	38.0	24.5	0.0									
8. MOH	0.0	0.0	0.0	0.0									
9. PFOH	4.7	53.4	3.3	0.0									
10. LR pf (MW)	9.0	7.7	49.0	0.0									
11. PMOH	0.0	11.0	0.0	0.0									
12. LR pm (MW)	0.0	29.0	0.0	0.0									
13. NSC (MW)	189.0	189.0	189.0	189.0									
14. Oper MBtu	1151294.0	1129417.0	1232878.0	653845.0									
15. Net Gen (MWH)	113613.0	110797.0	124970.0	61809.0									
16. ANOHR (Btu/KWH)	10133.0	10194.0	9865.0	10578.0									
17. NOF %	80.8	89.1	91.9	86.4									
18. NPC (MW)	189.0	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	85.0									
2.	PH	744.0	696.0	744.0	719.0									
3.	SH	744.0	691.7	426.8	619.9									
4.	RSH	0.0	0.0	0.0	0.0									
5.	UH	0.0	4.3	317.2	99.1									
6.	POH	0.0	0.0	317.2	74.8									
7.	FOH	0.0	4.3	0.0	24.3									
8.	MOH	0.0	0.0	0.0	0.0									
9.	PFOH	3.1	0.3	2.9	17.0									
10.	LR pf (MW)	64.0	511.0	140.0	155.0									
11.	PMOH	0.0	0.0	0.0	10.7									
12.	LR pm (MW)	0.0	0.0	0.0	184.7									
13.	NSC (MW)	514.0	514.0	514.0	514.0									
14.	Oper MBtu	3740671.0	3402533.0	2057881.0	2991614.0									
15.	Net Gen (MWH)	363598.0	336226.0	203907.0	289817.0									
16.	ANOHR (Btu/KWH)	10288.0	10120.0	10092.0	10322.0									
17.	NOF %	95.1	94.6	92.9	91.0									
18.	NPC (MW)	514.0	514.0	514.0	514.0									
19.	ANOHR Equation	$10^6 / \text{AKW} * [ -528.45 - 59.78 * \text{MAY} + 139.64 * \text{JUL} + 75.47 * \text{AUG} ]$ $+ 15,490 - 0.00906 * \text{LSRF} / \text{AKW}$												



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	99.8									
2.	PH	744.0	696.0	744.0	719.0									
3.	SH	525.9	694.6	702.0	719.0									
4.	RSH	0.0	0.0	0.0	0.0									
5.	UH	218.1	1.4	42.0	0.0									
6.	POH	164.3	0.0	0.0	0.0									
7.	FOH	25.0	1.4	0.0	0.0									
8.	MOH	28.8	0.0	42.0	0.0									
9.	PFOH	8.0	11.6	0.8	15.0									
10.	LR pf (MW)	92.6	78.9	39.6	58.5									
11.	PMOH	0.0	4.8	4.0	0.0									
12.	LR pm (MW)	0.0	202.0	51.7	0.0									
13.	NSC (MW)	514.0	514.0	514.0	514.0									
14.	Oper MBtu	2315221.0	3267921.0	3322599.0	3400813.0									
15.	Net Gen (MWH)	243582.0	342971.0	338437.0	346245.0									
16.	ANOHR (Btu/KWH)	9505.0	9528.0	9817.0	9822.0									
17.	NOF %	90.1	96.1	93.8	93.7									
18.	NPC (MW)	514.0	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												

















