

ORIGINAL

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

DISTRIBUTION CENTER

04 JUL 21 AM 8:30



July 19, 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 June 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
RCA _____ Sid Matlock
SCR _____
SEC 1
OTH Cover letter

DOCUMENT NUMBER - DATE

07922 JUL 21 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	100.0	96.2							
PH	744.0	696.0	744.0	719.0	744.0	720.0							
SH	744.0	696.0	744.0	719.0	744.0	692.9							
RSH	0.0	0.0	0.0	0.0	0.0	0.0							
UH	0.0	0.0	0.0	0.0	0.0	27.1							
FOH	0.0	0.0	0.0	0.0	0.0	0.0							
FOH	0.0	0.0	0.0	0.0	0.0	0.0							
MOH	0.0	0.0	0.0	0.0	0.0	27.1							
PFOH	0.0	0.0	0.0	0.0	0.0	0.0							
LR pf (MW)	0.0	0.0	0.0	0.0	0.0	0.0							
PMOH	0.0	0.0	0.0	0.0	0.0	0.0							
LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0							
NSC (MW)	78.0	78.0	78.0	78.0	78.0	78.0							
Oper MBtu	520852.0	515590.0	568887.0	540255.0	511404.0	481461.0							
Net Gen (MWH)	49849.0	49777.0	55002.0	51719.0	48540.0	45249.0							
ANOHR (Btu/KWH)	10449.0	10358.0	10343.0	10446.0	10536.0	10640.0							
NOF %	85.9	91.7	94.8	92.2	83.6	83.7							
NPC (MW)	78.0	78.0	78.0	78.0	78.0	78.0							
19. ANOHR Equation:	$10^6 / AKW * [617.42 + 9.96 * MAR + 23.05 * NOV]$ $-8329 + 0.13863 * LSRF / AKW$												

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	100.0	100.0							
PH	744.0	696.0	744.0	719.0	744.0	720.0							
SH	744.0	669.9	744.0	719.0	744.0	720.0							
RSH	0.0	0.0	0.0	0.0	0.0	0.0							
UH	0.0	26.1	0.0	0.0	0.0	0.0							
POH	0.0	0.0	0.0	0.0	0.0	0.0							
FOH	0.0	0.0	0.0	0.0	0.0	0.0							
MOH	0.0	26.1	0.0	0.0	0.0	0.0							
PFOH	0.0	0.0	0.0	0.0	0.0	0.0							
LR pf (MW)	0.0	0.0	0.0	0.0	0.0	0.0							
PMOH	0.0	33.3	0.0	0.0	0.0	0.0							
LR pm (MW)	0.0	13.0	0.0	0.0	0.0	0.0							
NSC (MW)	80.0	80.0	80.0	80.0	80.0	80.0							
Oper MBtu	511660.0	484136.0	570915.0	542432.0	517338.0	508030.0							
Net Gen (MWH)	49922.0	46011.0	55051.0	51691.0	48611.0	47805.0							
ANCHR (Btu/KWH)	10437.0	10522.0	10371.0	10494.0	10642.0	10627.0							
NOF %	82.4	85.9	92.5	89.9	81.7	83.0							
NPC (MW)	80.0	80.0	80.0	80.0	80.0	80.0							

19.

ANCHR 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	95.9	90.5							
2. PH	744.0	696.0	744.0	719.0	744.0	720.0							
3. SH	5.2	667.2	725.8	171.2	713.2	651.3							
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0							
5. UH	738.8	28.8	18.2	547.8	30.8	68.7							
6. POH	571.2	0.0	0.0	0.0	0.0	0.0							
7. FOH	167.6	4.8	18.2	0.0	30.8	68.7							
8. MOH	0.0	24.0	0.0	547.8	0.0	0.0							
9. PFOH	0.0	0.0	0.0	0.0	0.0	0.0							
10. LR pf (MW)	0.0	0.0	0.0	0.0	0.0	0.0							
11. PMOH	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							
13. NSC (MW)	302.0	302.0	302.0	302.0	302.0	302.0							
14. Oper MBtu	56840.0	1775639.0	1967176.0	432163.0	1805887.0	1648371.0							
15. Net Gen (MWH)	336.0	185634.0	200102.0	42588.0	169810.0	161977.0							
16. ANOHR (Btu/KWH)	169167.0	9565.0	9831.0	10148.0	10635.0	10177.0							
17. NOF %	21.4	92.1	91.3	82.4	78.8	82.4							
18. NPC (MW)	302.0	302.0	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	92.4	87.8							
PH	744.0	696.0	744.0	719.0	744.0	720.0							
SH	744.0	22.1	0.0	81.5	697.7	637.9							
RSH	0.0	0.0	0.0	0.0	0.0	0.0							
UH	0.0	673.9	744.0	637.5	46.3	82.1							
6. FOH	0.0	673.9	744.0	507.7	0.0	0.0							
7. FOH	0.0	0.0	0.0	129.8	0.0	0.0							
8. MOH	0.0	0.0	0.0	0.0	46.3	82.1							
9. PFOH	0.0	0.0	0.0	2.8	2.6	13.9							
10. LR pf (MW)	0.0	0.0	0.0	317.0	51.0	205.5							
11. PMOH	0.0	0.0	0.0	0.0	17.5	0.0							
12. LR pm (MW)	0.0	0.0	0.0	0.0	278.0	0.0							
13. NSC (MW)	477.0	477.0	477.0	477.0	477.0	477.0							
Operer MBtu	3209101.0	97787.0	0.0	383328.0	2808258.0	2504892.0							
Net Gen (MWH)	314192.0	9866.0	0.0	35457.0	268569.0	242071.0							
ANOHR (Btu/KWH)	10214.0	9912.0	0.0	10811.0	10456.0	10348.0							
NOF %	88.5	93.6	0.0	91.2	80.7	79.6							
19. ANOHR Equation	$10^6 / AKW * [349.83 - 96.07 * MAR + 61.52 * JUN + 115.03 * JUL + 78.38 * AUG + 90.36 * SEP + 64.01 * NOV] + 9,387$												

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	99.9	100.0							
2. PH	744.0	696.0	744.0	719.0	744.0	720.0							
3. SH	744.0	696.0	744.0	625.0	744.0	720.0							
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0							
5. UH	0.0	0.0	0.0	94.0	0.0	0.0							
6. POH	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							
8. MOH	0.0	0.0	0.0	94.0	0.0	0.0							
9. PFOH	1.9	20.6	0.0	0.0	1.7	1.8							
10. LR pf (MW)	142.0	3.7	0.0	0.0	47.0	32.0							
11. PMOH	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							
13. NSC (MW)	162.0	162.0	162.0	162.0	162.0	162.0							
14. Oper MBtu	1015202.0	1061279.0	1166910.0	938186.0	983861.0	978257.0							
15. Net Gen (MWH)	99035.0	102586.0	114343.0	91949.0	96175.0	95364.0							
16. ANOHR (Btu/KWH)	10251.0	10345.0	10205.0	10203.0	10230.0	10258.0							
17. NOF %	82.2	91.0	94.9	90.8	79.8	81.8							
18. NPC (MW)	162.0	162.0	162.0	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	52.6	95.8	100.0							
2. PH	744.0	696.0	744.0	719.0	744.0	720.0							
3. SH	744.0	658.0	719.5	378.3	712.7	720.0							
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0							
5. UH	0.0	38.0	24.5	340.7	31.3	0.0							
6. POH	0.0	0.0	0.0	340.7	0.0	0.0							
7. FOH	0.0	38.0	24.5	0.0	0.0	0.0							
8. MOH	0.0	0.0	0.0	0.0	31.3	0.0							
9. PFOH	4.7	53.4	3.3	0.0	0.0	0.0							
10. LR pf (MW)	9.0	7.7	49.0	0.0	0.0	0.0							
11. PMOH	0.0	11.0	0.0	0.0	0.0	0.0							
12. LR pm (MW)	0.0	29.0	0.0	0.0	0.0	0.0							
13. NSC (MW)	189.0	189.0	189.0	189.0	189.0	189.0							
14. Oper MBtu	1151294.0	1129417.0	1232878.0	653845.0	1058448.0	1102606.0							
15. Net Gen (MWH)	113613.0	110797.0	124970.0	61809.0	102145.0	106089.0							
16. ANOHR (Btu/KWH)	10133.0	10194.0	9865.0	10578.0	10362.0	10393.0							
17. NOF %	80.8	89.1	91.9	86.4	75.8	78.0							
18. NPC (MW)	189.0	189.0	189.0	189.0	189.0	189.0							
19. ANOHR Equation	$10\% / AKW * [139.59 - 38.77 * JAN - 43.18 * FEB - 42.50 * MAR - 16.17 * MAY + 27.46 * JUL + 19.26 * AUG]$ $+ 9.289$												

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	95.4	87.3							
PH	744.0	696.0	744.0	719.0	744.0	720.0							
SH	744.0	691.7	426.8	619.9	710.4	628.4							
RSH	0.0	0.0	0.0	0.0	0.0	0.0							
UH	0.0	4.3	317.2	99.1	33.6	91.6							
6. POH	0.0	0.0	317.2	74.8	0.0	0.0							
7. POH	0.0	4.3	0.0	24.3	0.0	24.7							
8. MOH	0.0	0.0	0.0	0.0	33.6	66.9							
9. PPOH	3.1	0.3	2.9	17.0	3.3	0.3							
10. LR pf (MW)	64.0	511.0	140.0	155.0	132.6	94.0							
11. PMOH	0.0	0.0	0.0	10.7	0.0	0.0							
12. LR pm (MW)	0.0	0.0	0.0	184.7	0.0	0.0							
13. NSC (MW)	514.0	514.0	514.0	514.0	514.0	514.0							
14. Oper MBtu	3740671.0	3402533.0	2057881.0	2991614.0	3129962.0	3018641.0							
15. Net Gen (MWH)	363598.0	336226.0	203907.0	289817.0	298651.0	290363.0							
16. ANOHR (Btu/KWH)	10288.0	10120.0	10092.0	10322.0	10480.0	10396.0							
17. NOF %	95.1	94.6	92.9	91.0	81.8	89.9							
18. NPC (MW)	514.0	514.0	514.0	514.0	514.0	514.0							
19. ANOHR Equation	$10\% / \text{AKW} * [-528.45 - 59.78 * \text{MAY} + 139.64 * \text{JUL} + 75.47 * \text{AUG}]$ $+ 15,490 - 0.00906 * \text{LSRF} / \text{AKW}$												

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	99.7	100.0							
2. PH	744.0	696.0	744.0	719.0	744.0	720.0							
3. SH	525.9	694.6	702.0	719.0	744.0	720.0							
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0							
5. UH	218.1	1.4	42.0	0.0	0.0	0.0							
6. POH	164.3	0.0	0.0	0.0	0.0	0.0							
7. FOH	25.0	1.4	0.0	0.0	0.0	0.0							
8. MOH	28.8	0.0	42.0	0.0	0.0	0.0							
9. PFOH	8.0	11.6	0.8	13.4	11.7	1.8							
10. LR pf (MW)	84.5	64.9	25.6	50.3	13.4	60.0							
11. PMOH	0.0	4.8	4.0	0.0	5.9	0.0							
12. LR pm (MW)	0.0	187.9	37.7	0.0	170.0	0.0							
13. NSC (MW)	500.0	500.0	500.0	500.0	500.0	500.0							
14. Oper MBtu	2315221.0	3267921.0	3322599.0	3400813.0	3203966.0	3313302.0							
15. Net Gen (MWH)	243582.0	342971.0	338437.0	346245.0	324431.0	332493.0							
16. ANOHR (Btu/KWH)	9505.0	9528.0	9817.0	9822.0	9876.0	9965.0							
17. NOF %	92.6	98.8	96.4	96.3	87.2	92.4							
18. NPC (MW)	500.0	500.0	500.0	500.0	500.0	500.0							
19. ANOHR Equation	$10\% / AKW * [571.00 - 118.56 * JAN - 87.31 * FEB - 88.00 * MAR - 88.36 * NOV]$ <p>+ 8.698</p>												

ACTUAL UNIT OUTAGE DATA

GULF POWER COMPANY

June, 2004

Daniel 1

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
06/01	FMO	14.6	514.0	Main Steam Valve Problem
06/09	FFO	24.7	514.0	Boiler Tube Leak
06/16	FFO	0.3	94.0	Wet Coal Problem
06/26	FMO	52.3	514.0	Boiler Recirculation Pump Motor Problem

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

ACTUAL UNIT OUTAGE DATA

GULF POWER COMPANY

June, 2004

Daniel 2

(MW)

OUTAGE

06/15	PFO	0.3	60.0	Pulverizer Feeder Problem
06/15	PFO	0.3	60.0	Pulverizer Feeder Problem
06/15	PFO	0.3	60.0	Pulverizer Feeder Problem
06/18	PFO	0.3	60.0	Pulverizer Feeder Problem
06/18	PFO	0.8	60.0	Pyrite Hopper System Problems

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