

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



October 11, 2004

RECEIVED-FPSC  
04 OCT 12 AM 9:59  
COMMISSION  
CLERK

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 August 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 \_\_\_\_\_ db  
ECR \_\_\_\_\_  
GCL \_\_\_\_\_ Attachment  
OPC \_\_\_\_\_ cc: Florida Public Service Commission  
MMS \_\_\_\_\_ Sid Matlock  
RCA \_\_\_\_\_  
SCR \_\_\_\_\_  
SEC 1  
OTH Cover letter  
OPC

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DISTRIBUTION CENTER

DOCUMENT NUMBER-DATE

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FPSC-COMMISSION CLERK

*Kmp*

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	100.0	100.0					
2. PH	744.0	696.0	744.0	719.0	744.0	720.0	744.0	744.0					
3. SH	744.0	696.0	744.0	719.0	744.0	692.9	744.0	744.0					
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5. UH	0.0	0.0	0.0	0.0	0.0	27.1	0.0	0.0					
6. POH	0.0	0.0	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	0.0	0.0					
8. MOH	0.0	0.0	0.0	0.0	0.0	27.1	0.0	0.0					
9. PFOH	0.0	0.0	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	0.0	0.0					
11. PMOH	0.0	0.0	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	0.0	0.0					
13. NSC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0					
14. Oper MBtu	520852.0	515590.0	568887.0	540255.0	511404.0	481461.0	530572.0	540186.0					
15. Net Gen (MWH)	49849.0	49777.0	55002.0	51719.0	48540.0	45249.0	49709.0	50779.0					
ANOHR (Btu/KWH)	10449.0	10358.0	10343.0	10446.0	10536.0	10640.0	10674.0	10638.0					
NOF %	85.9	91.7	94.8	92.2	83.6	83.7	85.7	87.5					
NPC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0					
ANOHR Equation	$10^6 / AKW * [ 617.42 + 9.96 * MAR - 23.05 * NOV ]$ $-8329 + 0.13863 * LSRF / AKW$												

ORIGINAL

FPSC-COMMISSION CLERK

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DOCUMENT NUMBER DATE

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2004 - December 2004

CRJST5	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	100.0	96.3					
2. PH	744.0	696.0	744.0	719.0	744.0	720.0	744.0	744.0					
3. SH	744.0	669.9	744.0	719.0	744.0	720.0	744.0	716.4					
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5. UH	0.0	26.1	0.0	0.0	0.0	0.0	0.0	27.6					
6. POH	0.0	0.0	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	0.0	0.0					
8. MOH	0.0	26.1	0.0	0.0	0.0	0.0	0.0	27.6					
9. PFOH	0.0	0.0	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	0.0	0.0					
11. PMOH	0.0	33.3	0.0	0.0	0.0	0.0	0.0	0.0					
12. LR pm (MW)	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0					
13. NSC (MW)	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0					
14. Oper MBtu	511660.0	484136.0	570915.0	542432.0	517338.0	508030.0	525981.0	524328.0					
15. Net Gen (MWH)	49022.0	46011.0	55051.0	51691.0	48611.0	47805.0	49266.0	49679.0					
16. ANOHR (Btu/KWH)	10437.0	10522.0	10371.0	10494.0	10642.0	10627.0	10676.0	10554.0					
17. NOF %	82.4	85.9	92.5	89.9	81.7	83.0	82.8	86.7					
18. NPC (MW)	80.0	80.0	80.0	80.0	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	95.9	90.5	92.4	97.7					
2. PH	744.0	696.0	744.0	719.0	744.0	720.0	744.0	744.0					
3. SH	5.2	667.2	725.8	171.2	713.2	651.3	696.2	735.4					
4. RSH	0.0	0.0	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	47.8	8.6					
6. POH	571.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
7. FOH	167.6	4.8	18.2	0.0	30.8	68.7	47.8	8.6					
8. MOH	0.0	24.0	0.0	547.8	0.0	0.0	0.0	0.0					
9. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0					
10. LR pf (MW)	0.0	0.0	0.0	0.0	0.0	0.0	38.0	0.0					
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	15.6	15.3					
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	162.0	167.5					
13. NSC (MW)	302.0	302.0	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	1786099.0	2042729.0					
15. Net Gen (MWH)	336.0	185634.0	200102.0	42588.0	169810.0	161977.0	171620.0	194961.0					
16. ANOHR (Btu/KWH)	169167.0	9565.0	9831.0	10148.0	10635.0	10177.0	10407.0	10478.0					
17. NOF %	21.4	92.1	91.3	82.4	78.8	82.4	81.6	87.8					
18. NPC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0					
19. ANOHR Equation	$10^6 / \text{AKW} * [ 1069.69 + 44.52 * \text{MAR} - 33.07 * \text{MAY} + 30.91 * \text{AUG} ]$ $+ 844 + 0.02012 * \text{LSRF} / \text{AKW}$												

**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	91.6	86.1					
2.	PH	744.0	696.0	744.0	719.0	744.0	720.0	744.0	744.0					
3.	SH	744.0	22.1	0.0	81.5	697.7	637.9	682.6	715.3					
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5.	UH	0.0	673.9	744.0	637.5	46.3	82.1	61.4	28.7					
6.	POH	0.0	673.9	744.0	507.7	0.0	0.0	0.0	0.0					
7.	FOH	0.0	0.0	0.0	129.8	0.0	0.0	4.4	6.7					
8.	MOH	0.0	0.0	0.0	0.0	46.3	82.1	57.0	22.0					
9.	PFOH	0.0	0.0	0.0	2.8	2.6	13.9	9.6	213.3					
10.	LR pf (MW)	0.0	0.0	0.0	317.0	51.0	205.5	41.7	167.5					
11.	PMOH	0.0	0.0	0.0	0.0	17.5	0.0	0.0	0.0					
12.	LR pm (MW)	0.0	0.0	0.0	0.0	278.0	0.0	0.0	0.0					
13.	NSC (MW)	477.0	477.0	477.0	477.0	477.0	477.0	477.0	477.0					
14.	Oper MBtu	3209101.0	97787.0	0.0	383328.0	2808258.0	2504892.0	2817207.0	2900688.0					
15.	Net Gen (MWH)	314192.0	9866.0	0.0	35457.0	268569.0	242071.0	271888.0	275001.0					
16.	ANOHR (Btu/KWH)	10214.0	9912.0	0.0	10811.0	10456.0	10348.0	10362.0	10548.0					
17.	NOF %	88.5	93.6	0.0	91.2	80.7	79.6	83.5	80.6					
18.	NPC (MW)	477.0	477.0	477.0	477.0	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	99.9	100.0	100.0	99.8					
2. PH	744.0	696.0	744.0	719.0	744.0	720.0	744.0	744.0					
3. SH	744.0	696.0	744.0	625.0	744.0	720.0	744.0	744.0					
4. RSH	0.0	0.0	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	0.0	0.0					
6. POH	0.0	0.0	0.0	94.0	0.0	0.0	0.0	0.0					
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
9. PFOH	1.9	20.6	0.0	0.0	1.7	1.8	0.0	1.1					
10. LR pf (MW)	142.0	3.7	0.0	0.0	47.0	32.0	0.0	42.0					
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1					
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.0					
13. NSC (MW)	162.0	162.0	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	1001235.0	1072740.0					
15. Net Gen (MWH)	99035.0	102586.0	114343.0	91949.0	96175.0	95364.0	98792.0	106626.0					
16. ANOHR (Btu/KWH)	10251.0	10345.0	10205.0	10203.0	10230.0	10258.0	10135.0	10061.0					
17. NOF %	82.2	91.0	94.9	90.8	79.8	81.8	82.0	88.5					
18. NPC (MW)	162.0	162.0	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	100.0	99.8					
2.	PH	744.0	696.0	744.0	719.0	744.0	720.0	744.0	744.0					
3.	SH	744.0	658.0	719.5	378.3	712.7	720.0	744.0	744.0					
4.	RSH	0.0	0.0	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	0.0	0.0					
6.	POH	0.0	0.0	0.0	340.7	0.0	0.0	0.0	0.0					
7.	FOH	0.0	38.0	24.5	0.0	0.0	0.0	0.0	0.0					
8.	MOH	0.0	0.0	0.0	0.0	31.3	0.0	0.0	0.0					
9.	PFOH	4.7	53.4	3.3	0.0	0.0	0.0	0.2	1.3					
10.	LR pf (MW)	9.0	7.7	49.0	0.0	0.0	0.0	182.0	172.0					
11.	PMOH	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0					
12.	LR pm (MW)	0.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0					
13.	NSC (MW)	189.0	189.0	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	1155464.0	1262628.0					
15.	Net Gen (MWH)	113613.0	110797.0	124970.0	61809.0	102145.0	106089.0	111088.0	120774.0					
16.	ANOHR (Btu/KWH)	10133.0	10194.0	9865.0	10578.0	10362.0	10393.0	10401.0	10454.0					
17.	NOF %	80.8	89.1	91.9	86.4	75.8	78.0	79.0	85.9					
18.	NPC (MW)	189.0	189.0	189.0	189.0	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 I	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	95.5	95.5					
2.	PH	744.0	696.0	744.0	719.0	744.0	720.0	744.0	744.0					
3.	SH	744.0	691.7	426.8	619.9	710.4	628.4	711.9	744.0					
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5.	UH	0.0	4.3	317.2	99.1	33.6	91.6	32.1	0.0					
6.	POH	0.0	0.0	317.2	74.8	0.0	0.0	0.0	0.0					
7.	FOH	0.0	4.3	0.0	24.3	0.0	24.7	0.0	0.0					
8.	MOH	0.0	0.0	0.0	0.0	33.6	66.9	32.1	0.0					
9.	PFOH	3.1	0.3	2.9	17.0	3.3	0.3	4.0	103.6					
10.	LR pf (MW)	64.0	511.0	140.0	155.0	132.6	94.0	154.0	166.0					
11.	PMOH	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0					
12.	LR pm (MW)	0.0	0.0	0.0	184.7	0.0	0.0	0.0	0.0					
13.	NSC (MW)	514.0	514.0	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	3522497.0	3390896.0					
15.	Net Gen (MWH)	363598.0	336226.0	203907.0	289817.0	298651.0	290363.0	345675.0	339849.0					
16.	ANOHR (Btu/KWH)	10288.0	10120.0	10092.0	10322.0	10480.0	10396.0	10190.0	9978.0					
17.	NOF %	95.1	94.6	92.9	91.0	81.8	89.9	94.5	88.9					
18.	NPC (MW)	514.0	514.0	514.0	514.0	514.0	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	99.8	99.7	100.0	99.6	89.5					
2.	PH	744.0	696.0	744.0	719.0	744.0	720.0	744.0	744.0					
3.	SH	525.9	694.6	702.0	719.0	744.0	720.0	744.0	669.2					
4.	RSH	0.0	0.0	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	0.0	74.8					
6.	POH	164.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
7.	FOH	25.0	1.4	0.0	0.0	0.0	0.0	0.0	43.3					
8.	MOH	28.8	0.0	42.0	0.0	0.0	0.0	0.0	31.5					
9.	PFOH	8.0	11.6	0.8	13.4	11.7	1.8	30.2	12.6					
10.	LR pf (MW)	84.5	64.9	25.6	50.3	13.4	60.0	55.3	128.3					
11.	PMOH	0.0	4.8	4.0	0.0	5.9	0.0	0.0	0.0					
12.	LR pm (MW)	0.0	187.9	37.7	0.0	170.0	0.0	0.0	0.0					
13.	NSC (MW)	500.0	500.0	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	3526561.0	3037857.0					
15.	Net Gen (MWH)	243582.0	342971.0	338437.0	346245.0	324431.0	332493.0	346502.0	313796.0					
16.	ANOHR (Btu/KWH)	9505.0	9528.0	9817.0	9822.0	9876.0	9965.0	10178.0	9681.0					
17.	NOF %	92.6	98.8	96.4	96.3	87.2	92.4	93.1	93.8					
18.	NPC (MW)	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0					
19.	ANOHR Equation	$10^6 / AKW * [ 571.00 - 118.56 * JAN - 87.31 * FEB - 88.00 * MAR - 88.36 * NOV ]$ + 8,698												

**ACTUAL UNIT OUTAGE DATA**

**GULF POWER COMPANY**

August, 2004

Crist 4

<b>DATE</b>	<b>OUTAGE TYPE *</b>	<b>HOURS</b>	<b>(MW) AFFECTED</b>	<b>DESCRIPTION</b>
				No Events This Month

- \* 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

August, 2004

Crist 5

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
08/28	FMO	27.6	80.0	Boiler Tube Leak - Economizer

\* 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**

August, 2004

Daniel 1

DATE	OUTAGE TYPE *	HOURS	AFFECTED (MW)	DESCRIPTION
08/03	PFO	103.6	166.0	Circulating Water Pump Motor

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



