

One Energy Place  
Pensacola, Florida 32520

Tel 850 444 6111

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**ORIGINAL**



September 20, 2002

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. 020001-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 2002, Retail Cost Recovery Charges for Plant Crist, Plant Smith, and Plant Daniel. These schedules are being sent separate from the monthly filing.

AUS \_\_\_\_\_  
CAF \_\_\_\_\_  
CMP \_\_\_\_\_  
COM 3  
CTR \_\_\_\_\_  
ECR \_\_\_\_\_  
GCL \_\_\_\_\_  
OPC \_\_\_\_\_  
MMS \_\_\_\_\_  
SEC 1  
OTH \_\_\_\_\_

Sincerely,

Susan D. Ritenour  
Assistant Secretary and Assistant Treasurer

lw

Attachment

cc: Florida Public Service Commission  
Sid Matlock

DOCUMENT NUMBER DATE

10175 SEP 23 02

FPSC-COMMISSION CLERK

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2002 - December 2002

CRIST 4	Jan '02	Feb '02	Mar '02	Apr '02	May '02	Jun '02	Jul '02	Aug '02	Sep '02	Oct '02	Nov '02	Dec '02	Total
1. EAF (%)	100.0	96.0	99.9	100.0	100.0	100.0	100.0	98.9					
2. PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0	744.0					
3. SH	150.2	539.6	744.0	719.0	587.6	720.0	744.0	744.0					
4. RSH	593.8	105.8	0.0	0.0	156.4	0.0	0.0	0.0					
5. UH	0.0	26.6	0.0	0.0	0.0	0.0	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	10.2	0.0	0.0	0.0	0.0	0.0	0.0					
8. MOH	0.0	16.4	0.0	0.0	0.0	0.0	0.0	0.0					
9. PFOH	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0					
10. LR pf (MW)	0.0	0.0	58.0	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	32.0					
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.7					
13. NSC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0					
14. Oper MBtu	103318.0	285699.0	435488.0	439461.0	376975.0	420193.0	443221.0	435296.0					
15. Net Gen (MWH)	8533.0	24841.0	38451.0	39093.0	33273.0	35945.0	37756.0	38338.0					
16. ANOHR (Btu/KWH)	12108.0	11501.0	11326.0	11241.0	11330.0	11690.0	11739.0	11354.0					
17. NOF %	72.8	59.0	66.3	69.7	72.6	64.0	65.1	66.1					
18. NPC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0					
19. ANOHR Equation	$10^6 / AKW * [ 449.21 - 12.61 * JAN + 16.96 * JUN + 24.56 * JUL + 27.59 * AUG ]$ $-3640 + 0.10501 * LSRF / AKW$												

10175 SEP 23 08  
 FPSC-COMMISSION CLERK

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2002 - December 2002

CRIST 6	Jan '02	Feb '02	Mar '02	Apr '02	May '02	Jun '02	Jul '02	Aug '02	Sep '02	Oct '02	Nov '02	Dec '02	Total
1. EAF (%)	98.8	28.5	0.0	70.9	82.9	92.4	85.9	92.5					
2. PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0	744.0					
3. SH	735.3	191.7	0.0	550.7	617.1	665.0	639.7	688.1					
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5. UH	8.7	480.3	744.0	168.3	126.9	55.0	104.3	55.9					
6. POH	0.0	480.3	744.0	144.0	0.0	0.0	0.0	0.0					
7. FOH	8.7	0.0	0.0	24.3	0.8	0.0	40.0	4.0					
8. MOH	0.0	0.0	0.0	0.0	126.1	55.0	64.3	51.9					
9. PFOH	0.0	2.5	0.0	3.9	0.6	0.0	1.7	0.0					
10. LR pf (MW)	0.0	38.0	0.0	189.7	292.0	0.0	48.0	0.0					
11. PMOH	0.0	0.0	0.0	99.5	0.0	0.0	0.0	0.0					
12. LR pm (MW)	0.0	0.0	0.0	117.0	0.0	0.0	0.0	0.0					
13. NSC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0					
14. Oper MBtu	1399806.0	354765.0	0.0	1131432.0	1217508.0	1305932.0	1352093.0	1438819.0					
15. Net Gen (MWH)	123099.0	31507.0	0.0	104009.0	113976.0	117887.0	124159.0	133128.0					
16. ANOHR (Btu/KWH)	11371.0	11260.0	0.0	10878.0	10682.0	11078.0	10890.0	10808.0					
17. NOF %	55.4	54.4	0.0	62.5	61.2	58.7	64.3	64.1					
18. NPC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0					
19. ANOHR Equation	$10^6 / AKW * [ 187.63 - 85.12 * APR + 32.17 * JUN ]$ + 9,810												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2002 - December 2002**

CRIST 7	Jan '02	Feb '02	Mar '02	Apr '02	May '02	Jun '02	Jul '02	Aug '02	Sep '02	Oct '02	Nov '02	Dec '02	Total
1. EAF (%)	100.0	100.0	43.2	0.0	52.4	93.6	99.1	100.0					
2. PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0	744.0					
3. SH	744.0	672.0	321.4	0.0	462.2	676.4	737.6	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	422.6	719.0	281.8	43.6	6.4	0.0					
6. POH	0.0	0.0	384.2	719.0	170.9	0.0	0.0	0.0					
7. FOH	0.0	0.0	38.4	0.0	0.0	0.0	0.0	0.0					
8. MOH	0.0	0.0	0.0	0.0	110.9	43.6	6.4	0.0					
9. PFOH	0.0	0.0	0.0	0.0	0.0	1.8	1.2	0.0					
10. LR pf (MW)	0.0	0.0	0.0	0.0	0.0	249.0	32.0	0.0					
11. PMOH	0.0	0.0	0.0	0.0	172.8	14.7	0.0	0.0					
12. LR pm (MW)	0.0	0.0	0.0	0.0	199.0	40.0	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	2217797.0	1997229.0	1160156.0	0.0	1386561.0	2548391.0	3008386.0	3068888.0					
15. Net Gen (MWH)	207969.0	185501.0	123254.0	0.0	131263.0	242637.0	286808.0	294099.0					
16. ANOHR (Btu/KWH)	10664.0	10767.0	9413.0	0.0	10563.0	10503.0	10489.0	10435.0					
17. NOF %	58.6	57.9	80.4	0.0	59.5	75.2	81.5	82.9					
18. NPC (MW)	477.0	477.0	477.0	477.0	477.0	477.0	477.0	477.0					
19. ANOHR Equation	$10^6 / AKW * [ 204.45 - 44.16 * MAY + 83.05 * JUL + 67.20 * AUG + 91.16 * SEP + 58.82 * OCT ]$ $+ 9,704$												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

PERIOD OF: January 2002 - December 2002

SMITH 1	Jan '02	Feb '02	Mar '02	Apr '02	May '02	Jun '02	Jul '02	Aug '02	Sep '02	Oct '02	Nov '02	Dec '02	Total
1. EAF (%)	99.7	99.7	81.1	14.6	95.0	100.0	100.0	100.0					
2. PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0	744.0					
3. SH	687.2	669.7	603.5	118.7	744.0	720.0	744.0	744.0					
4. RSH	56.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5. UH	0.0	2.3	140.5	600.3	0.0	0.0	0.0	0.0					
6. POH	0.0	0.0	114.0	600.3	0.0	0.0	0.0	0.0					
7. FOH	0.0	2.3	26.5	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	3.6	0.0	1.2	4.8	0.0	0.0	0.0	0.0					
10. LR pf (MW)	95.5	0.0	37.0	52.0	0.0	0.0	0.0	0.0					
11. PMOH	0.0	0.0	0.0	37.0	117.0	0.0	0.0	0.0					
12. LR pm (MW)	0.0	0.0	0.0	52.0	52.0	0.0	0.0	0.0					
13. NSC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0					
14. Oper MBtu	848504.0	861182.0	872390.0	128734.0	890475.0	988861.0	1076408.0	1063449.0					
15. Net Gen (MWH)	84506.0	85005.0	85465.0	12054.0	86392.0	96517.0	104404.0	104245.0					
16. ANOHR (Btu/KWH)	10041.0	10131.0	10208.0	10680.0	10307.0	10245.0	10310.0	10201.0					
17. NOF %	75.9	78.4	87.4	62.7	71.7	82.7	86.6	86.5					
18. NPC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0					
19. ANOHR Equation	$10^6 / AKW * [ 43.96 - 17.87 * FEB - 12.85 * MAY - 18.43 * NOV ]$ $+ 9,793$												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2002 - December 2002**

SMITH 2	Jan '02	Feb '02	Mar '02	Apr '02	May '02	Jun '02	Jul '02	Aug '02	Sep '02	Oct '02	Nov '02	Dec '02	Total
1. EAF (%)	100.0	99.9	3.5	4.3	82.0	25.4	55.9	68.3					
2. PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0	744.0					
3. SH	589.6	646.3	26.2	26.8	610.1	183.1	553.7	744.0					
4. RSH	154.4	25.7	0.0	4.0	0.0	0.0	0.0	0.0					
5. UH	0.0	0.0	717.8	688.2	133.9	536.9	190.3	0.0					
6. POH	0.0	0.0	717.8	323.9	0.0	0.0	0.0	0.0					
7. FOH	0.0	0.0	0.0	159.3	133.9	345.4	131.4	0.0					
8. MOH	0.0	0.0	0.0	205.0	0.0	191.5	58.9	0.0					
9. PFOH	0.0	0.5	0.0	0.0	0.0	0.0	512.5	744.0					
10. LR pf (MW)	0.0	184.0	0.0	0.0	0.0	0.0	50.9	60.0					
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)	189.0	189.0	189.0	189.0	189.0	189.0	189.0	189.0					
14. Oper MBtu	752512.0	804290.0	43341.0	16067.0	811269.0	227825.0	762393.0	977037.0					
15. Net Gen (MWH)	76365.0	80475.0	4237.0	1238.0	80027.0	22122.0	71223.0	91351.0					
16. ANOHR (Btu/KWH)	9854.0	9994.0	10229.0	12978.0	10137.0	10299.0	10704.0	10695.0					
17. NOF %	68.5	65.9	85.6	24.4	69.4	63.9	68.1	65.0					
18. NPC (MW)	189.0	189.0	189.0	189.0	189.0	189.0	189.0	189.0					
19. ANOHR Equation	$10^6 / AKW * [ 410.85 - 30.87 * JAN - 38.46 * FEB - 38.20 * MAR - 18.64 * APR ]$ $+ 4,743 + 0.01678 * LSRF / AKW$												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2002 - December 2002**

	DANIEL 1	Jan '02	Feb '02	Mar '02	Apr '02	May '02	Jun '02	Jul '02	Aug '02	Sep '02	Oct '02	Nov '02	Dec '02	Total
1.	EAF (%)	80.4	92.1	98.9	60.2	93.0	97.7	95.8	99.7					
2.	PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0	744.0					
3.	SH	550.7	619.5	744.0	450.3	697.8	720.0	712.9	744.0					
4.	RSH	48.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5.	UH	145.0	52.5	0.0	268.7	46.2	0.0	31.1	0.0					
6.	POH	145.0	50.8	0.0	0.0	0.0	0.0	0.0	0.0					
7.	FOH	0.0	1.7	0.0	140.5	46.2	0.0	0.0	0.0					
8.	MOH	0.0	0.0	0.0	128.2	0.0	0.0	31.1	0.0					
9.	PFOH	1.5	0.5	27.3	38.0	13.5	39.0	1.4	15.1					
10.	LR pf (MW)	258.0	308.5	149.1	218.6	206.7	209.0	48.7	70.0					
11.	PMOH	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0					
12.	LR pm (MW)	0.0	0.0	0.0	146.0	0.0	0.0	0.0	0.0					
13.	NSC (MW)	501.0	501.0	501.0	501.0	501.0	501.0	501.0	501.0					
14.	Oper MBtu	1811340.0	1987385.0	3173495.0	1615230.0	2644301.0	2737324.0	2691591.0	2952511.0					
15.	Net Gen (MWH)	174076.0	193346.0	318152.0	158358.0	259465.0	267077.0	266391.0	291923.0					
16.	ANOHR (Btu/KWH)	10405.0	10279.0	9975.0	10200.0	10191.0	10249.0	10104.0	10114.0					
17.	NOF %	63.1	62.3	85.4	70.2	74.2	74.0	74.6	78.3					
18.	NPC (MW)	501.0	501.0	501.0	501.0	501.0	501.0	501.0	501.0					
19.	ANOHR Equation	$10^{-6} / \text{AKW} * [ -429.41 - 91.37 * \text{FEB} - 136.56 * \text{JUN} + 105.89 * \text{JUL} ]$ $+ 14,936 - 0.00805 * \text{LSRF} / \text{AKW}$												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2002 - December 2002**

	DANIEL 2	Jan '02	Feb '02	Mar '02	Apr '02	May '02	Jun '02	Jul '02	Aug '02	Sep '02	Oct '02	Nov '02	Dec '02	Total
1.	EAF (%)	51.6	0.0	0.0	53.1	89.9	98.0	88.1	99.5					
2.	PH	744.0	672.0	744.0	719.0	744.0	720.0	744.0	744.0					
3.	SH	386.9	0.0	0.0	393.6	675.4	716.2	657.9	744.0					
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5.	UH	357.1	672.0	744.0	325.4	68.6	3.8	86.1	0.0					
6.	POH	312.8	672.0	744.0	311.6	0.0	0.0	0.0	0.0					
7.	FOH	44.3	0.0	0.0	13.8	28.8	3.8	16.0	0.0					
8.	MOH	0.0	0.0	0.0	0.0	39.8	0.0	70.1	0.0					
9.	PFOH	16.3	0.0	0.0	64.6	21.3	26.2	5.3	15.3					
10.	LR pf (MW)	86.7	0.0	0.0	94.6	151.7	214.6	144.0	115.4					
11.	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	39.3	0.0					
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	15.3	0.0					
13.	NSC (MW)	510.0	510.0	510.0	514.0	514.0	514.0	514.0	514.0					
14.	Oper MBtu	1770260.0	0.0	0.0	1581548.0	2602626.0	2794556.0	2521702.0	2980646.0					
15.	Net Gen (MWH)	187779.0	0.0	0.0	148343.0	254171.0	273477.0	248149.0	294998.0					
16.	ANOHR (Btu/KWH)	9427.0	0.0	0.0	10661.0	10240.0	10219.0	10162.0	10104.0					
17.	NOF %	95.2	0.0	0.0	73.3	73.2	74.3	73.4	77.1					
18.	NPC (MW)	510.0	510.0	510.0	514.0	514.0	514.0	514.0	514.0					
19.	ANOHR Equation	$10^6 / AKW * [ -42.23 + 77.21 * MAY + 79.18 * JUL + 123.19 * AUG - 68.28 * NOV ]$ $+ 13,010 - 0.00640 * LSRF / AKW$												



ACTUAL UNIT OUTAGE DATA

GULF POWER COMPANY

August, 2002

Crist 4

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
08/27	PMO	26.2	18.0	Condenser Tube Leaks
08/29	PMO	5.8	33.0	Condenser Tube Leaks

\* 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, 2002

Crist 6

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
08/01	FMO	51.9	302.0	Boiler Tube Leak
08/11	FFO	0.5	302.0	Steam Turbine Problems
08/11	FFO	2.3	302.0	Steam Turbine Problems
08/27	FFO	1.3	302.0	Boiler Feed Pump 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**

August, 2002

Smith 1

<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, 2002

Smith 2

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
08/01	PFO	744.0	60.0	Boiler Tube Problems

\* 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, 2002

Daniel 1

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
08/05	PFO	4.5	63.0	Pulverizer Feeder Problem
08/09	PFO	0.3	116.0	Wet Coal Problem
08/09	PFO	0.4	116.0	Wet Coal Problem
08/09	PFO	0.3	116.0	Wet Coal Problem
08/09	PFO	4.1	116.0	Wet Coal Problem
08/09	PFO	4.7	21.0	Wet Coal Problem
08/22	PFO	0.2	73.0	Wet Coal Problem
08/22	PFO	0.3	148.0	Wet Coal Problem
08/22	PFO	0.3	73.0	Wet Coal 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

August, 2002

Daniel 2

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
08/07	PFO	1.4	90.0	Wet Coal Problem
08/07	PFO	0.9	70.0	Wet Coal Problem
08/08	PFO	0.8	136.0	Wet Coal Problem
08/08	PFO	1.7	110.0	Wet Coal Problem
08/09	PFO	1.4	127.0	Wet Coal Problem
08/09	PFO	1.3	136.0	Wet Coal Problem
08/09	PFO	0.7	136.0	Wet Coal Problem
08/09	PFO	0.7	136.0	Wet Coal Problem
08/09	PFO	1.3	111.0	Wet Coal Problem
08/10	PFO	0.4	157.0	Wet Coal Problem
08/11	PFO	0.5	86.0	Wet Coal Problem
08/12	PFO	0.2	59.0	Pulverizer Feeder Problem
08/22	PFO	1.2	84.0	Wet Coal Problem
08/23	PFO	1.3	111.0	Wet Coal Problem
08/23	PFO	0.9	111.0	Wet Coal Problem
08/29	PFO	0.9	184.0	Pulverizer Problem

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