

**Susan D. Ritenour**  
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June 20, 2006



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. 060001-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 through May 2006, Retail Cost Recovery Charges for Plant Crist, Plant Smith, and Plant Daniel. These schedules are being sent separate from the monthly filing.

Sincerely,

*Susan D. Ritenour*  
*bah*

bh

Enclosures

cc w/attachment: Florida Public Service Commission  
Sid Matlock

DOCUMENT NUMBER - DATE

05353 JUN 21 06

FPSC-COMMISSION CLERK

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

PERIOD OF: January 2006 - December 2006

CRIST 4	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
1. EAF (%)	93.8	85.2	85.1	100.0	99.7								
2. PH	744.0	672.0	744.0	719.0	744.0								
3. SH	698.1	574.6	633.4	719.0	744.0								
4. RSH	0.0	0.0	0.0	0.0	0.0								
5. UH	45.9	97.4	110.6	0.0	0.0								
6. POH	0.0	0.0	0.0	0.0	0.0								
7. FOH	0.0	0.0	0.0	0.0	0.0								
8. MOH	45.9	97.4	110.6	0.0	0.0								
9. PFOH	0.0	5.2	0.0	0.0	15.3								
10. LR pf (MW)	0.0	31.0	0.0	0.0	13.0								
11. PMOH	0.0	0.0	0.0	0.0	0.0								
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0								
13. NSC (MW)	78.0	78.0	78.0	78.0	78.0								
14. Oper MBtu	500638.0	435248.0	494071.0	562126.0	543263.0								
15. Net Gen (MWH)	47736.0	41511.0	46620.0	53326.0	50608.0								
16. ANOHR (Btu/KWH)	10488.0	10485.0	10598.0	10541.0	10735.0								
17. NOF %	87.7	92.6	94.4	95.1	87.2								
18. NPC (MW)	78.0	78.0	78.0	78.0	78.0								
19. ANOHR Equation	$10^6 / AKW * [ 498.36 - 12.78 * JAN - 8.72 * FEB ]$ $-4347 + 0.10869 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2006 - December 2006

CRIST 5	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
1. EAF (%)	100.0	85.6	86.8	100.0	98.8								
2. PH	744.0	672.0	744.0	719.0	744.0								
3. SH	744.0	576.3	645.9	719.0	744.0								
4. RSH	0.0	0.0	0.0	0.0	0.0								
5. UH	0.0	95.7	98.1	0.0	0.0								
6. POH	0.0	0.0	0.0	0.0	0.0								
7. FOH	0.0	0.0	0.0	0.0	0.0								
8. MOH	0.0	95.7	98.1	0.0	0.0								
9. PFOH	0.0	7.5	0.0	0.0	38.8								
10. LR pf (MW)	0.0	14.0	0.0	0.0	18.1								
11. PMOH	0.0	0.0	0.0	0.0	0.0								
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0								
13. NSC (MW)	80.0	80.0	80.0	80.0	80.0								
14. Oper MBtu	528360.0	410430.0	493170.0	539188.0	528793.0								
15. Net Gen (MWH)	50081.0	39593.0	46649.0	51618.0	49360.0								
16. ANOHR (Btu/KWH)	10550.0	10366.0	10572.0	10446.0	10713.0								
17. NOF %	84.1	85.9	90.3	89.7	82.9								
18. NPC (MW)	80.0	80.0	80.0	80.0	80.0								
19. ANOHR Equation	$10^6 / AKW * [ 563.97 - 15.45 * JAN - 14.34 * AUG - 16.27 * NOV ]$ $-5954 + 0.11802 * LSRF / AKW$												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

PERIOD OF: January 2006 - December 2006

CRIST 6	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
1. EAF (%)	98.0	95.8	50.6	0.0	52.2								
2. PH	744.0	672.0	744.0	719.0	744.0								
3. SH	744.0	644.1	377.8	0.0	388.0								
4. RSH	0.0	0.0	0.0	0.0	0.0								
5. UH	0.0	27.9	366.2	719.0	356.0								
6. POH	0.0	0.0	335.7	719.0	351.7								
7. FOH	0.0	0.0	30.5	0.0	4.3								
8. MOH	0.0	27.9	0.0	0.0	0.0								
9. PFOH	22.9	2.7	8.3	0.0	0.0								
10. LR pf (MW)	198.9	8.0	48.0	0.0	0.0								
11. PMOH	0.0	0.0	0.0	0.0	0.0								
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0								
13. NSC (MW)	302.0	302.0	302.0	302.0	302.0								
14. Oper MBtu	1935100.0	1821342.0	1082338.0	0.0	958094.0								
15. Net Gen (MWH)	191120.0	176354.0	105121.0	0.0	90624.0								
16. ANOHR (Btu/KWH)	10125.0	10328.0	10296.0	0.0	10572.0								
17. NOF %	85.1	90.7	92.1	0.0	77.3								
18. NPC (MW)	302.0	302.0	302.0	302.0	302.0								
19. ANOHR Equation	$10^6 / AKW * [ 313.41 ]$ + 9,123												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2006 - December 2006

CRIST 7	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
1. EAF (%)	99.9	84.7	93.8	92.5	89.7								
2. PH	744.0	672.0	744.0	719.0	744.0								
3. SH	744.0	576.8	716.2	692.6	671.7								
4. RSH	0.0	0.0	0.0	0.0	0.0								
5. UH	0.0	95.2	27.8	26.4	72.3								
6. POH	0.0	0.0	0.0	0.0	0.0								
7. FOH	0.0	4.4	0.0	0.0	0.0								
8. MOH	0.0	90.8	27.8	26.4	72.3								
9. PFOH	2.6	96.9	133.5	135.7	125.5								
10. LR pf (MW)	61.0	36.6	64.9	77.5	15.5								
11. PMOH	2.7	0.0	0.0	32.9	0.0								
12. LR pm (MW)	70.0	0.0	0.0	77.0	0.0								
13. NSC (MW)	477.0	477.0	477.0	477.0	477.0								
14. Oper MBtu	3358481.0	2710502.0	3377037.0	3201033.0	3094997.0								
15. Net Gen (MWH)	331585.0	261391.0	320786.0	307437.0	299371.0								
16. ANOHR (Btu/KWH)	10129.0	10370.0	10527.0	10412.0	10338.0								
17. NOF %	93.4	95.0	93.9	93.1	93.4								
18. NPC (MW)	477.0	477.0	477.0	477.0	477.0								
19. ANOHR Equation	10% / AKW * [ 512.95 ] + 9,084												

**ACTUAL UNIT PERFORMANCE DATA  
GULF POWER COMPANY**

**PERIOD OF: January 2006 - December 2006**

SMITH I	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
EAF (%)	99.7	99.8	99.1	100.0	86.7								
PH	744.0	672.0	744.0	719.0	744.0								
SH	744.0	672.0	744.0	719.0	647.5								
RSH	0.0	0.0	0.0	0.0	0.0								
UH	0.0	0.0	0.0	0.0	96.5								
POH	0.0	0.0	0.0	0.0	0.0								
FOH	0.0	0.0	0.0	0.0	0.0								
MOH	0.0	0.0	0.0	0.0	96.5								
PFOH	3.0	0.4	15.8	0.4	4.9								
LR pf (MW)	112.0	16.2	44.8	30.0	29.0								
PMOH	0.0	9.3	11.8	0.0	3.3								
LR pm (MW)	0.0	26.2	36.8	0.0	61.0								
NSC (MW)	162.0	162.0	162.0	162.0	162.0								
Oper MBtu	1156161.0	1071002.0	1178050.0	1133055.0	980635.0								
Net Gen (MWH)	112215.0	104480.0	115997.0	111425.0	96017.0								
ANOHR (Btu/KWH)	10303.0	10251.0	10156.0	10169.0	10213.0								
NOF %	93.1	96.0	96.2	95.7	91.5								
NPC (MW)	162.0	162.0	162.0	162.0	162.0								
ANOHR Equation	10% / AKW * [ 117.29 - 12.42 * AUG - 14.59 * OCT ]												
	+ 9,462												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2006 - December 2006**

SMITH 2	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
1. EAF (%)	99.5	93.4	99.9	85.6	90.5								
2. PH	744.0	672.0	744.0	719.0	744.0								
3. SH	744.0	632.2	744.0	615.5	736.5								
4. RSH	0.0	0.0	0.0	0.0	0.0								
5. UH	0.0	39.8	0.0	103.5	7.5								
6. POH	0.0	0.0	0.0	0.0	0.0								
7. FOH	0.0	0.0	0.0	0.0	7.5								
8. MOH	0.0	39.8	0.0	103.5	0.0								
9. PFOH	13.8	10.3	1.5	2.3	224.6								
10. LR pf (MW)	56.3	28.9	51.7	17.0	54.7								
11. PMOH	0.0	32.0	0.0	0.0	0.0								
12. LR pm (MW)	0.0	17.0	0.0	0.0	0.0								
13. NSC (MW)	195.0	195.0	195.0	195.0	195.0								
14. Oper MBtu	1374650.0	1195460.0	1437852.0	1157850.0	1225828.0								
15. Net Gen (MWH)	132283.0	115412.0	139483.0	111477.0	119292.0								
16. ANOHR (Btu/KWH)	10392.0	10358.0	10308.0	10386.0	10276.0								
17. NOF %	91.2	93.6	96.1	92.9	83.1								
18. NPC (MW)	195.0	195.0	195.0	195.0	195.0								
19. ANOHR Equation	$10^6 / AKW * [ 105.64 - 75.81 * MAR + 46.86 * APR ]$ + 9,669												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2006 - December 2006

DANIEL 1	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
1. EAF (%)	98.5	99.3	99.5	81.4	99.9								
2. PH	744.0	672.0	744.0	719.0	744.0								
3. SH	744.0	672.0	744.0	590.0	744.0								
4. RSH	0.0	0.0	0.0	0.0	0.0								
5. UH	0.0	0.0	0.0	129.0	0.0								
6. POH	0.0	0.0	0.0	0.0	0.0								
7. FOH	0.0	0.0	0.0	0.0	0.0								
8. MOH	0.0	0.0	0.0	129.0	0.0								
9. PFOH	11.4	31.7	8.9	8.4	8.6								
10. LR pf (MW)	319.2	55.9	175.9	206.8	47.5								
11. PMOH	9.3	4.6	3.0	2.4	0.0								
12. LR pm (MW)	208.5	126.1	134.0	245.8	0.0								
13. NSC (MW)	514.0	514.0	514.0	514.0	514.0								
14. Oper MBtu	3337191.0	3355757.0	3595471.0	2699979.0	3266166.0								
15. Net Gen (MWH)	328710.0	330423.0	358773.0	266568.0	320440.0								
16. ANOHR (Btu/KWH)	10152.0	10156.0	10022.0	10129.0	10193.0								
17. NOF %	86.0	95.7	93.8	87.9	83.8								
18. NPC (MW)	514.0	514.0	514.0	514.0	514.0								
19. ANOHR Equation	$10^6 / AKW * [ 2810.38 + 68.52 * APR - 58.18 * MAY - 90.02 * AUG ]$ $+ 2,265 + 10^6 / AKW * [ -0.1179 * BTU/LB ] + 0.00953 * LSRF / AKW$												



**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2006 - December 2006**

	DANIEL 2	Jan '06	Feb '06	Mar '06	Apr '06	May '06	Jun '06	Jul '06	Aug '06	Sep '06	Oct '06	Nov '06	Dec '06	Total
1.	EAF (%)	99.6	98.5	38.4	0.6	70.7								
2.	PH	744.0	672.0	744.0	719.0	744.0								
3.	SH	744.0	672.0	287.5	4.3	534.4								
4.	RSH	0.0	0.0	0.0	0.0	0.0								
5.	UH	0.0	0.0	456.5	714.7	209.6								
6.	POH	0.0	0.0	456.5	659.8	0.0								
7.	FOH	0.0	0.0	0.0	54.9	209.6								
8.	MOH	0.0	0.0	0.0	0.0	0.0								
9.	PFOH	34.9	88.1	24.0	0.0	41.0								
10.	LR pf (MW)	12.5	58.5	33.6	0.0	106.5								
11.	PMOH	14.5	3.9	0.0	0.0	0.0								
12.	LR pm (MW)	78.0	7.0	0.0	0.0	0.0								
13.	NSC (MW)	500.0	500.0	500.0	500.0	500.0								
14.	Oper MBtu	3359842.0	3255022.0	1301415.0	59745.0	2213104.0								
15.	Net Gen (MWH)	332654.0	324547.0	137642.0	529.0	226785.0								
16.	ANOHR (Btu/KWH)	10100.0	10029.0	9455.0	112940.0	9759.0								
17.	NOF %	89.4	96.6	95.8	24.6	84.9								
18.	NPC (MW)	500.0	500.0	500.0	500.0	500.0								
19.	ANOHR Equation	$10^6 / AKW * [ 2174.94 + 62.25 * JUN + 85.53 * JUL - 82.98 * AUG + 86.31 * OCT ]$ $+ 8,739 + 10^6 / AKW * [ -0.1460 * BTU/LB ]$												

**ACTUAL UNIT OUTAGE DATA**

**GULF POWER COMPANY**

May, 2006

Crist 4

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
05/08	PFO	15.3	13.0	Liquid Cooling System 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**

**May, 2006**

**Crist 5**

<b>DATE</b>	<b>OUTAGE TYPE *</b>	<b>HOURS</b>	<b>(MW) AFFECTED</b>	<b>DESCRIPTION</b>
05/04	PFO	0.5	23.0	Pulverizer Fire
05/08	PFO	15.3	15.0	Liquid Cooling System Problem
05/29	PFO	23.0	20.0	Pulverizer 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**

May, 2006

Smith 1

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
05/06	FMO	96.5	162.0	Boiler Inspection
05/10	PFO	4.9	29.0	Pulverizer Coal Leak
05/18	PMO	3.3	61.0	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

May, 2006

Daniel 1

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
05/03	PFO	1.3	44.0	Boiler Control System Problem
05/24	PFO	1.2	184.0	Pulverizer Feeder Problem
05/29	PFO	1.0	26.0	Boiler Control System Problem
05/31	PFO	5.2	22.0	Boiler Control System 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

May, 2006

Daniel 2

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
04/28	FFO	71.8	500.0	Generator Exciter Problem
05/04	FFO	1.4	500.0	Electrical Protection Device
05/04	FFO	136.4	500.0	Boiler Tube Leak
05/10	PFO	6.8	207.0	Pulverizer Coal Leak
05/10	PFO	7.5	75.0	Pulverizer Skidding
05/10	PFO	2.0	70.0	Foreign Object In Pulverizer Mill
05/11	PFO	0.3	32.0	Pulverizer Problem
05/11	PFO	1.8	32.0	Pulverizer Problem
05/12	PFO	4.9	28.0	Boiler Control System Problem
05/13	PFO	1.6	73.0	Pulverizer Mill Problem
05/14	PFO	3.1	228.0	Feedwater Instrumentation Problem
05/23	PFO	2.6	235.0	Feedwater Pump Lube Oil Problem
05/24	PFO	0.9	47.0	Pulverizer Feeder Problem
05/29	PFO	0.9	47.0	Pulverizer Feeder Problem
05/29	PFO	0.7	12.0	Boiler Control System Problem
05/31	PFO	1.8	75.0	Pulverizer Mill Problem
05/31	PFO	4.9	74.0	Pulverizer Fire
05/31	PFO	1.3	18.0	Boiler Control System Problem

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