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**ORIGINAL**

RECEIVED FPSC  
07 MAY 18 AM 9:44  
COMMISSION  
CLERK  
**GULF  
POWER**  
A SOUTHERN COMPANY

May 16, 2007

Ms. Ann Cole, Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee FL 32399-0850

Dear Ms. Cole:

RE: COMMISSION STAFF'S MINIMUM FILING REQUIREMENTS IN  
SUPPORT OF THE MONTHLY FUEL AND PURCHASED POWER COST  
RECOVERY CHARGE IN DOCKET NO. 070001-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 April 2007, 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*  
bh

bh

Enclosures

cc w/attachment: Florida Public Service Commission  
Sid Matlock

DOCUMENT NUMBER - DATE

04071 MAY 18 06

FPSC-COMMISSION CLERK

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2006 - December 2006

CRIST 4	Jan '07	Feb '07	Mar '07	Apr '07	May '07	Jun '07	Jul '07	Aug '07	Sep '07	Oct '07	Nov '07	Dec '07	Total
1. EAF (%)	100.0	100.0	99.9	99.7									
2. PH	744.0	672.0	743.0	720.0									
3. SH	715.5	672.0	743.0	720.0									
4. RSH	28.5	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	2.7	6.4									
10. LR pf (MW)	0.0	0.0	30.0	30.0									
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	486146.0	469210.0	518554.0	509080.0									
15. Net Gen (MWH)	45128.0	44005.0	48311.0	47388.0									
16. ANOHR (Btu/KWH)	10773.0	10663.0	10734.0	10743.0									
17. NOF %	80.9	84.0	83.4	84.4									
18. NPC (MW)	78.0	78.0	78.0	78.0									
ANOHR Equation	$10^6 / AKW * [ 32.38 - 15.16 * JAN - 14.84 * FEB + 13.60 * JUN + 10.74 * NOV ]$ + 10,131												

ORIGINAL

FPSC-COMMISSION CLERK

04071 MAY 18 05

DOCUMENT NUMBER-DATE

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2006 - December 2006

CRIST 5	Jan '07	Feb '07	Mar '07	Apr '07	May '07	Jun '07	Jul '07	Aug '07	Sep '07	Oct '07	Nov '07	Dec '07	Total
1. EAF (%)	100.0	87.1	100.0	99.8									
2. PH	744.0	672.0	743.0	720.0									
3. SH	720.8	585.0	743.0	720.0									
4. RSH	23.2	0.0	0.0	0.0									
5. UH	0.0	87.0	0.0	0.0									
6. POH	0.0	0.0	0.0	0.0									
7. FOH	0.0	5.2	0.0	0.0									
8. MOH	0.0	81.8	0.0	0.0									
9. PFOH	0.0	0.0	1.0	1.5									
10. LR pf (MW)	0.0	0.0	25.0	73.0									
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	475692.0	400550.0	520086.0	508562.0									
15. Net Gen (MWH)	44920.0	37352.0	49095.0	48336.0									
16. ANOHR (Btu/KWH)	10590.0	10724.0	10593.0	10521.0									
17. NOF %	79.9	81.9	84.7	86.1									
18. NPC (MW)	78.0	78.0	78.0	78.0									
19. ANOHR Equation	$10^6 / AKW * [ 66.40 - 11.85 * JAN ]$ + 9,596												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

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

CRIST 6	Jan '07	Feb '07	Mar '07	Apr '07	May '07	Jun '07	Jul '07	Aug '07	Sep '07	Oct '07	Nov '07	Dec '07	Total
1. EAF (%)	99.4	94.2	100.0	89.5									
2. PH	744.0	672.0	743.0	720.0									
3. SH	739.7	633.3	743.0	645.9									
4. RSH	0.0	0.0	0.0	0.0									
5. UH	4.3	38.7	0.0	74.1									
6. POH	0.0	0.0	0.0	0.0									
7. FOH	4.3	38.7	0.0	0.0									
8. MOH	0.0	0.0	0.0	74.1									
9. PFOH	0.7	0.0	0.0	16.5									
10. LR pf (MW)	127.0	0.0	0.0	22.0									
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	1763121.0	1643916.0	1879736.0	1681410.0									
15. Net Gen (MWH)	166720.0	154904.0	177821.0	160957.0									
16. ANOHR (Btu/KWH)	10575.0	10612.0	10571.0	10446.0									
17. NOF %	74.6	81.0	79.2	82.5									
18. NPC (MW)	302.0	302.0	302.0	302.0									
19. ANOHR Equation	$10^6 / AKW * [ 87.10 + 105.75 * JAN - 109.59 * FEB - 192.13 * MAR - 148.46 * APR ]$ + 10,071												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

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

	CRIST 7	Jan '07	Feb '07	Mar '07	Apr '07	May '07	Jun '07	Jul '07	Aug '07	Sep '07	Oct '07	Nov '07	Dec '07	Total
1.	EAF (%)	98.7	84.3	96.9	55.4									
2.	PH	744.0	672.0	743.0	720.0									
3.	SH	744.0	566.4	743.0	418.9									
4.	RSH	0.0	0.0	0.0	0.0									
5.	UH	0.0	105.6	0.0	301.1									
6.	POH	0.0	0.0	0.0	301.1									
7.	FOH	0.0	105.6	0.0	0.0									
8.	MOH	0.0	0.0	0.0	0.0									
9.	PFOH	56.6	0.0	266.4	236.9									
10.	LR pf (MW)	54.5	0.0	40.6	40.0									
11.	PMOH	15.1	0.0	0.0	0.0									
12.	LR pm (MW)	92.7	0.0	0.0	0.0									
13.	NSC (MW)	472.0	472.0	472.0	472.0									
14.	Oper MBtu	3247367.0	2512916.0	3348918.0	1860331.0									
15.	Net Gen (MWH)	311063.0	237365.0	313385.0	172164.0									
16.	ANOHR (Btu/KWH)	10440.0	10587.0	10686.0	10806.0									
17.	NOF %	88.6	88.8	89.4	87.1									
18.	NPC (MW)	472.0	472.0	472.0	472.0									
19.	ANOHR Equation	$10^6 / AKW * [ 568.24 + 132.87 * MAR + 84.49 * APR ] + 8,992$												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

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

SMITH 1	Jan '07	Feb '07	Mar '07	Apr '07	May '07	Jun '07	Jul '07	Aug '07	Sep '07	Oct '07	Nov '07	Dec '07	Total
1. EAF (%)	100.0	99.9	29.2	0.0									
2. PH	744.0	672.0	743.0	720.0									
3. SH	744.0	672.0	216.6	0.0									
4. RSH	0.0	0.0	0.0	0.0									
5. UH	0.0	0.0	526.4	720.0									
6. POH	0.0	0.0	526.4	720.0									
7. FOH	0.0	0.0	0.0	0.0									
8. MOH	0.0	0.0	0.0	0.0									
9. PFOH	4.7	1.2	0.0	0.0									
10. LR pf (MW)	9.0	97.0	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)	162.0	162.0	162.0	162.0									
14. Oper MBtu	1028584.0	948618.0	301309.0	0.0									
15. Net Gen (MWH)	99259.0	91941.0	29083.0	0.0									
16. ANOHR (Btu/KWH)	10363.0	10318.0	10360.0	0.0									
17. NOF %	82.4	84.5	82.9	0.0									
18. NPC (MW)	162.0	162.0	162.0	162.0									
19. ANOHR Equation	$10^6 / AKW * [ 20.54 + 13.19 * FEB + 19.94 * JUN + 16.67 * JUL + 11.07 * AUG + 20.27 * SEP ]$ + 10,080												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

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

	SMITH 2	Jan '07	Feb '07	Mar '07	Apr '07	May '07	Jun '07	Jul '07	Aug '07	Sep '07	Oct '07	Nov '07	Dec '07	Total
1.	EAF (%)	94.9	100.0	90.3	55.0									
2.	PH	744.0	672.0	743.0	720.0									
3.	SH	705.8	672.0	671.2	396.2									
4.	RSH	0.0	0.0	0.0	0.0									
5.	UH	38.2	0.0	71.8	323.8									
6.	POH	0.0	0.0	71.8	201.6									
7.	FOH	0.0	0.0	0.0	0.0									
8.	MOH	38.2	0.0	0.0	122.2									
9.	PFOH	0.0	0.0	1.0	0.0									
10.	LR pf (MW)	0.0	0.0	53.0	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)	195.0	195.0	195.0	195.0									
14.	Oper MBtu	1159360.0	1130800.0	1113343.0	703301.0									
15.	Net Gen (MWH)	111911.0	109668.0	108371.0	69467.0									
16.	ANOHR (Btu/KWH)	10360.0	10311.0	10273.0	10124.0									
17.	NOF %	81.3	83.7	82.8	89.9									
18.	NPC (MW)	195.0	195.0	195.0	195.0									
19.	ANOHR Equation	$10^6 / AKW * [ 273.24 - 36.28 * MAR + 49.10 * APR - 13.76 * JUL ]$ $+ 6,470 + 0.01265 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2006 - December 2006

DANIEL 1	Jan '07	Feb '07	Mar '07	Apr '07	May '07	Jun '07	Jul '07	Aug '07	Sep '07	Oct '07	Nov '07	Dec '07	Total
1. EAF (%)	99.5	100.0	74.7	100.0									
2. PH	744.0	672.0	743.0	720.0									
3. SH	744.0	672.0	556.2	720.0									
4. RSH	0.0	0.0	0.0	0.0									
5. UH	0.0	0.0	186.8	0.0									
6. POH	0.0	0.0	186.8	0.0									
7. FOH	0.0	0.0	0.0	0.0									
8. MOH	0.0	0.0	0.0	0.0									
9. PFOH	8.0	0.0	0.8	11.6									
10. LR pf (MW)	231.8	0.0	81.0	12.4									
11. PMOH	0.0	0.0	2.0	0.0									
12. LR pm (MW)	0.0	0.0	275.0	0.0									
13. NSC (MW)	503.0	503.0	503.0	503.0									
14. Oper MBtu	3601824.0	3235916.0	2650857.0	3149815.0									
15. Net Gen (MWH)	350736.0	319854.0	259404.0	311707.0									
16. ANOHR (Btu/KWH)	10269.0	10117.0	10219.0	10105.0									
17. NOF %	93.7	94.6	92.7	86.1									
18. NPC (MW)	503.0	503.0	503.0	503.0									
19. ANOHR Equation	$10^6 / AKW * [ 2547.49 + 95.70 * APR - 90.73 * SEP - 114.94 * OCT ]$ $- -538 + 10^6 / AKW * [ -0.0550 * BTU/LB ] + 0.01343 * LSRF / AKW$												



ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2006 - December 2006

	DANIEL 2	Jan '07	Feb '07	Mar '07	Apr '07	May '07	Jun '07	Jul '07	Aug '07	Sep '07	Oct '07	Nov '07	Dec '07	Total
1.	EAF (%)	99.9	100.0	80.2	77.5									
2.	PH	744.0	672.0	743.0	720.0									
3.	SH	744.0	672.0	600.9	680.0									
4.	RSH	0.0	0.0	0.0	0.0									
5.	UH	0.0	0.0	142.1	40.0									
6.	POH	0.0	0.0	142.1	24.9									
7.	FOH	0.0	0.0	0.0	15.1									
8.	MOH	0.0	0.0	0.0	0.0									
9.	PFOH	3.9	0.0	16.5	463.1									
10.	LR pf (MW)	109.4	0.0	151.8	133.6									
11.	PMOH	0.0	0.0	0.0	8.3									
12.	LR pm (MW)	0.0	0.0	0.0	44.0									
13.	NSC (MW)	510.0	510.0	510.0	510.0									
14.	Oper MBtu	3018044.0	2583163.0	2163214.0	2633294.0									
15.	Net Gen (MWH)	295599.0	252786.0	212118.0	261444.0									
16.	ANOHR (Btu/KWH)	10210.0	10219.0	10198.0	10072.0									
17.	NOF %	77.9	73.8	69.2	75.4									
18.	NPC (MW)	510.0	510.0	510.0	510.0									
19.	ANOHR Equation	$10^6 / AKW * [ 1237.97 + 120.49 * JUL - 109.59 * SEP ]$ $+ 9,584 + 10^6 / AKW * [ -0.0983 * BTU/LB ]$												

**ACTUAL UNIT OUTAGE DATA**

**GULF POWER COMPANY**

April, 2007

Crist 4

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
04/07	PFO	6.4	30.0	Precipitator 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

April, 2007

Crist 5

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
04/26	PFO	1.5	73.0	AC Instrument Power 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

April, 2007

Crist 6

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
04/26	PFO	16.5	22.0	Secondary Air Heater Fouling
04/26	FMO	74.1	302.0	Secondary Air Heater Fouling

\* 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**

April, 2007

Crist 7

DATE	OUTAGE TYPE *	HOURS	AFFECTED (MW)	DESCRIPTION
04/01	PFO	236.9	40.0	Secondary Air Heater Fouling
04/10	PO	301.1	472.0	New Cooling Tower Tie-In

- \* 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

April, 2007

Smith 1

DATE	OUTAGE TYPE *	HOURS	AFFECTED (MW)	DESCRIPTION
04/01	PO	720.0	162.0	Turbine Overhaul

- \* 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

April, 2007

Daniel 1

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
04/19	PFO	0.6	96.0	Pulverizer Feeder Problem
04/25	PFO	11.0	8.0	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

April, 2007

Daniel 2

DATE	OUTAGE		(MW)		DESCRIPTION
	TYPE *	HOURS	AFFECTED		
04/01	PO	24.9	510.0	510.0	Boiler Overhaul and Inspection
04/02	PFO	4.4	505.0	505.0	Boiler Control System Problem
04/02	FFO	4.8	510.0	510.0	Boiler Control System Problem
04/02	PFO	0.1	70.0	70.0	Boiler Tube Leak - Furnace Wall
04/02	PFO	2.4	50.0	50.0	Boiler Control System Problem
04/06	PFO	2.2	240.0	240.0	Boiler Feed Pump Problem
04/06	PFO	34.9	130.0	130.0	Boiler Feed Pump Problem
04/08	FFO	4.9	510.0	510.0	Primary Air Fan Drive Problem
04/08	PFO	287.7	130.0	130.0	Boiler Feed Pump Problem
04/20	FFO	5.4	510.0	510.0	DC Circuit Breaker Problem
04/20	PFO	131.4	130.0	130.0	Boiler Feed Pump Problem
04/30	PMO	8.3	44.0	44.0	Pulverizer Motor/Drive Problem

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