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**ORIGINAL**

RECEIVED-FPSC

07 APR 23 AM 10:00



A SOUTHERN COMPANY

April 19, 2007

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

DISTRIBUTION CENTER  
07 APR 23 AM 7:23

Dear Ms. Cole:

070001

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 March 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

Enclosures

cc w/attachment: Florida Public Service Commission  
Sid Matlock

DOCUMENT NUMBER-DATE

03398 APR 23 5

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										
2. PH	744.0	672.0	743.0										
3. SH	715.5	672.0	743.0										
4. RSH	28.5	0.0	0.0										
5. UH	0.0	0.0	0.0										
6. POH	0.0	0.0	0.0										
7. FOH	0.0	0.0	0.0										
8. MOH	0.0	0.0	0.0										
9. PFOH	0.0	0.0	2.7										
10. LR pf (MW)	0.0	0.0	30.0										
11. PMOH	0.0	0.0	0.0										
12. LR pm (MW)	0.0	0.0	0.0										
13. NSC (MW)	78.0	78.0	78.0										
14. Oper MBtu	486146.0	469210.0	518554.0										
15. Net Gen (MWH)	45128.0	44005.0	48311.0										
16. ANOHR (Btu/KWH)	10773.0	10663.0	10734.0										
NOF %	80.9	84.0	83.4										
18. NPC (MW)	78.0	78.0	78.0										
19. ANOHR Equation	$10\% / AKW * [ 32.38 - 15.16 * JAN - 14.84 * FEB + 13.60 * JUN + 10.74 * NOV ]$ + 10,131												

ORIGINAL

CPSC - COMMISSION CLERK

03398 APR 23 2007

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										
2. PH	744.0	672.0	743.0										
3. SH	720.8	585.0	743.0										
4. RSH	23.2	0.0	0.0										
5. UH	0.0	87.0	0.0										
6. POH	0.0	0.0	0.0										
7. FOH	0.0	5.2	0.0										
8. MOH	0.0	81.8	0.0										
9. PFOH	0.0	0.0	1.0										
10. LR pf (MW)	0.0	0.0	25.0										
11. PMOH	0.0	0.0	0.0										
12. LR pm (MW)	0.0	0.0	0.0										
13. NSC (MW)	78.0	78.0	78.0										
14. Oper MBtu	475692.0	400550.0	520086.0										
15. Net Gen (MWH)	44920.0	37352.0	49095.0										
16. ANOHR (Btu/KWH)	10590.0	10724.0	10593.0										
17. NOF %	79.9	81.9	84.7										
18. NPC (MW)	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										
2. PH	744.0	672.0	743.0										
3. SH	739.7	633.3	743.0										
4. RSH	0.0	0.0	0.0										
5. UH	4.3	38.7	0.0										
6. POH	0.0	0.0	0.0										
7. FOH	4.3	38.7	0.0										
8. MOH	0.0	0.0	0.0										
9. PFOH	0.7	0.0	0.0										
10. LR pf (MW)	127.0	0.0	0.0										
11. PMOH	0.0	0.0	0.0										
12. LR pm (MW)	0.0	0.0	0.0										
13. NSC (MW)	302.0	302.0	302.0										
14. Oper MBtu	1763121.0	1643916.0	1879736.0										
15. Net Gen (MWH)	166720.0	154904.0	177821.0										
16. ANOHR (Btu/KWH)	10575.0	10612.0	10571.0										
17. NOF %	74.6	81.0	79.2										
18. NPC (MW)	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										
2. PH	744.0	672.0	743.0										
3. SH	744.0	566.4	743.0										
4. RSH	0.0	0.0	0.0										
5. UH	0.0	105.6	0.0										
6. POH	0.0	0.0	0.0										
7. FOH	0.0	105.6	0.0										
8. MOH	0.0	0.0	0.0										
9. PFOH	56.6	0.0	266.4										
10. LR pf (MW)	54.5	0.0	40.6										
11. PMOH	15.1	0.0	0.0										
12. LR pin (MW)	92.7	0.0	0.0										
13. NSC (MW)	472.0	472.0	472.0										
14. Oper MBtu	3247367.0	2512916.0	3348918.0										
15. Net Gen (MWH)	311063.0	237365.0	313385.0										
16. ANOHR (Btu/KWH)	10440.0	10587.0	10686.0										
17. NOF %	88.6	88.8	89.4										
18. NPC (MW)	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										
2.	PH	744.0	672.0	743.0										
3.	SH	744.0	672.0	216.6										
4.	RSH	0.0	0.0	0.0										
5.	UH	0.0	0.0	526.4										
6.	POH	0.0	0.0	526.4										
7.	FOH	0.0	0.0	0.0										
8.	MOH	0.0	0.0	0.0										
9.	PFOH	4.7	1.2	0.0										
10.	LR pf (MW)	9.0	97.0	0.0										
11.	PMOH	0.0	0.0	0.0										
12.	LR pm (MW)	0.0	0.0	0.0										
13.	NSC (MW)	162.0	162.0	162.0										
14.	Oper MBtu	1028584.0	948618.0	301309.0										
15.	Net Gen (MWH)	99259.0	91941.0	29083.0										
16.	ANOHR (Btu/KWH)	10363.0	10318.0	10360.0										
17.	NOF %	82.4	84.5	82.9										
18.	NPC (MW)	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										
2. PH	744.0	672.0	743.0										
3. SH	705.8	672.0	671.2										
4. RSH	0.0	0.0	0.0										
5. UH	38.2	0.0	71.8										
6. POH	0.0	0.0	71.8										
7. FOH	0.0	0.0	0.0										
8. MOH	38.2	0.0	0.0										
9. PFOH	0.0	0.0	1.0										
10. LR pf (MW)	0.0	0.0	53.0										
11. PMOH	0.0	0.0	0.0										
12. LR pm (MW)	0.0	0.0	0.0										
13. NSC (MW)	195.0	195.0	195.0										
14. Oper MBtu	1159360.0	1130800.0	1113343.0										
15. Net Gen (MWH)	111911.0	109668.0	108371.0										
16. ANOHR (Btu/KWH)	10360.0	10311.0	10273.0										
17. NOF %	81.3	83.7	82.8										
18. NPC (MW)	195.0	195.0	195.0										
19. ANOHR Equation	$10^6 / AKW * [ 273.24 - 36.28 * MAR + 49.10 * APR - 13.76 * JUL ]$ $+ 6,470 + 0.01265 * LSRE / AKW$												

**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										
2.	PH	744.0	672.0	743.0										
3.	SH	744.0	672.0	556.2										
4.	RSH	0.0	0.0	0.0										
5.	UH	0.0	0.0	186.8										
6.	POH	0.0	0.0	186.8										
7.	FOH	0.0	0.0	0.0										
8.	MOH	0.0	0.0	0.0										
9.	PFOH	8.0	0.0	0.8										
10.	LR pf (MW)	231.8	0.0	81.0										
11.	PMOH	0.0	0.0	2.0										
12.	LR pm (MW)	0.0	0.0	275.0										
13.	NSC (MW)	503.0	503.0	503.0										
14.	Oper MBtu	3601824.0	3235916.0	2650857.0										
15.	Net Gen (MWH)	350736.0	319854.0	259404.0										
16.	ANOHR (Btu/KWH)	10269.0	10117.0	10219.0										
17.	NOF %	93.7	94.6	92.7										
18.	NPC (MW)	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										
2.	PH	744.0	672.0	743.0										
3.	SH	744.0	672.0	600.9										
4.	RSH	0.0	0.0	0.0										
5.	UH	0.0	0.0	142.1										
6.	POH	0.0	0.0	142.1										
7.	FOH	0.0	0.0	0.0										
8.	MOH	0.0	0.0	0.0										
9.	PFOH	3.9	0.0	16.5										
10.	LR pf (MW)	109.4	0.0	151.8										
11.	PMOH	0.0	0.0	0.0										
12.	LR pm (MW)	0.0	0.0	0.0										
13.	NSC (MW)	510.0	510.0	510.0										
14.	Oper MBtu	3018044.0	2583163.0	2163214.0										
15.	Net Gen (MWH)	295599.0	252786.0	212118.0										
16.	ANOHR (Btu/KWH)	10210.0	10219.0	10198.0										
17.	NOF %	77.9	73.8	69.2										
18.	NPC (MW)	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

March, 2007

Crist 4

<b>DATE</b>	<b>OUTAGE TYPE *</b>	<b>HOURS</b>	<b>(MW) AFFECTED</b>	<b>DESCRIPTION</b>
03/19	PFO	2.7	30.0	Low Pressure Heater 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**

March, 2007

Crist 7

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
03/16	PFO	3.5	36.0	Foreign Object In Pulverizer Mill
03/21	PFO	256.2	40.0	Secondary Air Heater Fouling
03/30	PFO	6.8	65.0	Foreign Object In Pulverizer Mill

\* 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

March, 2007

Smith 1

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
03/10	PO	526.4	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**

March, 2007

Smith 2

<b>DATE</b>	<b>OUTAGE TYPE *</b>	<b>HOURS</b>	<b>(MW) AFFECTED</b>	<b>DESCRIPTION</b>
03/14	PFO	1.0	53.0	Tube Sheet Fouling
03/29	PO	71.8	195.0	Steam Turbine 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

March, 2007

Daniel 2

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
03/12	PFO	10.0	228.0	Feedwater Turbine Problem
03/15	PFO	6.5	34.0	Pulverizer Feeder Problem
03/26	PO	142.1	510.0	Boiler Inspection and Maintenance

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