

Diamond Williams

110001-EI

From: Milstead, Natalie [NBMILSTE@SOUTHERNCO.COM]
Sent: Friday, May 20, 2011 10:16 AM
To: Filings@psc.state.fl.us
Cc: Michael Barrett
Subject: Gulf Power Company's Actual Unit Performance Data Schedules and the Actual Unit Outage Data Schedules for April 2011

Attachments: GPIF April 2011.pdf

- A. s/Susan D. Ritenour
Gulf Power Company
One Energy Place
Pensacola FL 32520
850.444.6231
sdriteno@southernco.com
- B. Docket No. 110001-EI
- C. Gulf Power Company
- D. Document consists of 17 pages
- E. The attached document is Gulf Power Company's Actual Unit Performance Data Schedules and the Actual Unit Outage Data Schedules for April 2011.

5/20/2011

DOCUMENT NUMBER-DATE

03541 MAY 20 =

FPSC-COMMISSION CLERK

Susan D. Ritenour
Secretary and Treasurer
and Regulatory Manager

One Energy Place
Pensacola, Florida 32520-0781

Tel 850.444.6231
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SDRITENO@southernco.com



May 19, 2011

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. 110001-EI

Attached for Official Filing are Gulf Power Company's Actual Unit Performance
Data Schedules and the Actual Unit Outage Data Schedules for April 2011,
Retail Cost Recovery Charges for Plant Crist, Plant Smith, and Plant Daniel.
These schedules are being sent separate from the monthly fuel filing.

Sincerely,

Susan D. Ritenour

nbm

Enclosures

cc w/attachment: Florida Public Service Commission
Michael C. Barrett

DOCUMENT NUMBER-DATE

03541 MAY 20 =

FPSC-COMMISSION CLERK

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2011 - December 2011

CRIST 4	Jan '11	Feb '11	Mar '11	Apr '11									
1. EAF (%)	0.0	68.9	93.1	100.0									
2. PH	744	672	743	720									
3. SH	0.0	0.0	354.8	0.0									
4. RSH	0.0	463.0	337.2	720.0									
5. UH	744.0	209.0	51.0	0.0									
6. POH	744.0	209.0	0.0	0.0									
7. FOH	0.0	0.0	0.0	0.0									
8. MOH	0.0	0.0	51.0	0.0									
9. PPOH	0.0	0.0	0.0	0.0									
10. LR pf (MW)	0.0	0.0	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)	75	75	75	75									
14. Oper MBtu	0.0	0.0	238603.0	0.0									
15. Net Gen (MWH)	0.0	0.0	20908.0	0.0									
16. ANOHR (Btu/KWH)	0.0	0.0	11412.0	0.0									
17. NOF %	0.0	0.0	78.6	0.0									
18. NPC (MW)	75	75	75	75									
19. ANOHR Equation	$10^6 / AKW * [568.08 + 20.32 * MAR - 32.89 * APR - 30.60 * MAY + 39.21 * JUL + 19.97 * AUG + 19.18 * SEP + 14.84 * OCT]$ $-6606 + 0.12936 * LSRF / AKW$												

DOCUMENT NUMBER - DATE

03541 MAY 20 =

FPSC-COMMISSION CLERK

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2011 - December 2011

CRIST 5	Jan '11	Feb '11	Mar '11	Apr '11									
1. EAF (%)	99.1	99.7	100.0	100.0									
2. PH	744	672	743	720									
3. SH	649.1	670.2	427.8	720.0									
4. RSH	94.9	0.0	315.3	0.0									
5. UH	0.0	1.8	0.0	0.0									
6. POH	0.0	0.0	0.0	0.0									
7. FOH	0.0	1.8	0.0	0.0									
8. MOH	0.0	0.0	0.0	0.0									
9. PFOH	0.0	0.0	0.0	0.0									
10. LR pf (MW)	0.0	0.0	0.0	0.0									
11. PMOH	18.9	0.0	0.0	0.0									
12. LR pm (MW)	26.0	0.0	0.0	0.0									
13. NSC (MW)	75	75	75	75									
14. Oper MBtu	457359.0	458525.0	286055.0	482609.0									
15. Net Gen (MWH)	42831.0	41909.0	26649.0	45867.0									
16. ANOHR (Btu/KWH)	10678.0	10941.0	10734.0	10522.0									
17. NOF %	88.0	83.4	83.1	84.9									
18. NPC (MW)	75	75	75	75									
19. ANOHR Equation	$10^6 / AKW * [117.46 - 18.06 * APR + 15.73 * JUN + 20.50 * JUL + 24.06 * AUG + 13.06 * SEP - 14.89 * NOV]$ + 8.947												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2011 - December 2011

CRIST 6	Jan '11	Feb '11	Mar '11	Apr '11									
1. EAF (%)	99.6	37.5	0.0	0.0									
2. PH	744	672	743	720									
3. SH	744.0	252.2	0.0	0.0									
4. RSH	0.0	0.0	0.0	0.0									
5. UH	0.0	419.9	743.0	720.0									
6. POH	0.0	419.9	743.0	720.0									
7. FOH	0.0	0.0	0.0	0.0									
8. MOH	0.0	0.0	0.0	0.0									
9. PFOH	7.6	0.0	0.0	0.0									
10. LR pf (MW)	106.0	0.0	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)	291	291	291	291									
14. Oper MBtu	1791087.0	515685.0	0.0	0.0									
15. Nct Gen (MWH)	163709.0	46479.0	0.0	0.0									
16. ANOHR (Btu/KWH)	10941.0	11095.0	0.0	0.0									
17. NOF %	75.6	63.3	0.0	0.0									
18. NPC (MW)	291	291	291	291									
19. ANOHR Equation	$10 * 6 / AKW * [768.86 + 57.27 * AUG + 47.68 * SEP + 90.47 * OCT - 72.87 * NOV]$ $+ 4,448 + 0.01249 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2011 - December 2011

CRIST 7	Jan '11	Feb '11	Mar '11	Apr '11									
1. EAF (%)	22.1	68.6	99.9	99.0									
2. PH	744	672	743	720									
3. SH	133.0	473.7	741.9	720.0									
4. RSH	35.0	0.0	0.0	0.0									
5. UH	576.0	198.3	1.1	0.0									
6. POH	576.0	183.3	0.0	0.0									
7. FOH	0.0	15.0	1.1	0.0									
8. MOH	0.0	0.0	0.0	0.0									
9. PFOH	0.0	21.5	0.0	0.0									
10. I.R pf (MW)	0.0	205.0	0.0	0.0									
11. PMOH	168.0	143.7	0.0	16.1									
12. I.R pm (MW)	10.0	9.9	0.0	215.0									
13. NSC (MW)	465	465	465	465									
14. Oper MBtu	514150.0	1883360.0	3079878.0	3026246.0									
15. Net Gen (MWH)	48939.0	175368.0	295538.0	282184.0									
16. ANOHR (Btu/KWH)	10506.0	10739.0	10421.0	10724.0									
17. NOF %	79.1	79.6	85.7	84.3									
18. NPC (MW)	465	465	465	465									
19. ANOHR Equation	$10^6 / AKW * [1828.93 - 91.88 * JAN + 107.46 * AUG]$ $+ 766 + 0.01270 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2011 - December 2011

SMITH 1	Jan '11	Feb '11	Mar '11	Apr '11									
1. EAF (%)	87.8	99.3	18.9	83.7									
2. PH	744	672	743	720									
3. SH	406.9	526.6	144.4	602.6									
4. RSH	247.8	145.4	0.0	0.0									
5. UH	89.3	0.0	598.6	117.4									
6. POH	0.0	0.0	552.6	0.0									
7. FOH	0.0	0.0	10.9	0.0									
8. MOH	89.3	0.0	35.1	117.4									
9. PFOH	0.8	18.3	9.8	0.0									
10. LR pf (MW)	32.0	31.6	61.3	0.0									
11. PMOH	6.5	6.4	0.0	0.0									
12. LR pm (MW)	32.0	34.9	0.0	0.0									
13. NSC (MW)	162	162	162	162									
14. Oper MBtu	593890.0	559146.0	182283.0	838495.0									
15. Net Gen (MWH)	56759.0	52327.0	17045.0	80175.0									
16. ANOHR (Btu/KWH)	10463.0	10686.0	10694.0	10458.0									
17. NOF %	86.1	61.3	72.9	82.1									
18. NPC (MW)	162	162	162	162									
19. ANOHR Equation	$10\% / AKW * [315.77 + 10.78 * JAN + 17.46 * FEB + 20.23 * JUN + 24.30 * JUL + 14.18 * AUG]$ $+ 6,339 + 0.01143 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2011 - December 2011

SMITH 2	Jan '11	Feb '11	Mar '11	Apr '11									
1. EAF (%)	99.8	99.6	54.3	73.2									
2. PH	744	672	743	720									
3. SH	532.5	672.0	355.2	132.8									
4. RSH	211.6	0.0	48.0	344.3									
5. UH	0.0	0.0	339.9	193.0									
6. POH	0.0	0.0	0.0	0.0									
7. FOH	0.0	0.0	1.1	1.0									
8. MOH	0.0	0.0	338.8	192.0									
9. PFOH	3.8	0.0	0.0	0.0									
10. LR pf (MW)	92.3	0.0	0.0	0.0									
11. PMOH	0.0	4.9	0.0	0.0									
12. LR pm (MW)	0.0	95.0	0.0	0.0									
13. NSC (MW)	195	195	195	195									
14. Oper MBtu	831768.0	1062823.0	551172.0	217957.0									
15. Net Gen (MWH)	79219.0	100140.0	53211.0	20740.0									
16. ANOHR (Btu/KWH)	10500.0	10613.0	10358.0	10509.0									
17. NOF %	76.3	76.4	76.8	80.1									
18. NPC (MW)	195	195	195	195									
19. ANOHR Equation	$10\% / AKW * [153.01 + 21.03 * JAN + 24.53 * JUN - 23.25 * OCT - 18.59 * NOV]$ $+ 8.464 + 0.00563 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2011 - December 2011

	DANIEL 1	Jan '11	Feb '11	Mar '11	Apr '11								
1.	EAF (%)	85.0	63.2	76.9	99.9								
2.	PH	744	672	743	720								
3.	SH	695.2	431.8	575.4	695.3								
4.	RSH	0.0	0.0	0.0	24.7								
5.	UH	48.8	240.2	167.6	0.0								
6.	POH	0.0	0.0	0.0	0.0								
7.	FOH	0.0	0.0	108.0	0.0								
8.	MOH	48.8	240.2	59.7	0.0								
9.	PFOH	157.7	30.7	16.2	2.5								
10.	LR pf (MW)	203.9	117.1	127.8	60.0								
11.	PMOH	0.0	0.0	0.0	14.6								
12.	LR pm (MW)	0.0	0.0	0.0	24.5								
13.	NSC (MW)	510	510	510	510								
14.	Oper MBtu	2737049.0	1029869.0	1715184.0	2689403.0								
15.	Net Gen (MWH)	271179.0	96757.0	156985.0	270264.0								
16.	ANOHR (Btu/KWH)	10093.0	10644.0	10926.0	9951.0								
17.	NOF %	76.5	43.9	53.5	76.2								
18.	NPC (MW)	510	510	510	510								
19.	ANOHR Equation	$10^6 / AKW * [1162.32 + 71.73 * JAN + 69.88 * JUL]$ $+ 4,870 + 0.00577 * LSRF / AKW$											

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2011 - December 2011

DANIEL 2	Jan '11	Feb '11	Mar '11	Apr '11									
1. EAF (%)	0.0	0.0	74.4	88.9									
2. PH	744	672	743	720									
3. SH	0.0	0.0	394.3	0.0									
4. RSH	0.0	0.0	166.0	640.4									
5. UH	744.0	672.0	182.7	79.6									
6. POH	744.0	672.0	33.9	0.0									
7. FOH	0.0	0.0	83.1	0.0									
8. MOH	0.0	0.0	65.7	79.6									
9. PPOH	0.0	0.0	162.8	0.0									
10. LR pf (MW)	0.0	0.0	23.2	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)	510	510	510	510									
14. Oper MBtu	0.0	0.0	970085.0	0.0									
15. Net Gen (MWII)	0.0	0.0	89923.0	0.0									
16. ANOHR (Btu/KWH)	0.0	0.0	10788.0	0.0									
17. NOF %	0.0	0.0	44.7	0.0									
18. NPC (MW)	510	510	510	510									
19. ANOHR Equation	$10\% / AKW * [-184.42 - 82.46 * JAN - 47.27 * FEB + 60.25 * MAY - 41.09 * OCT]$ $+ 13.823 - 0.00726 * LSRF / AKW$												

ACTUAL UNIT OUTAGE DATA

GULF POWER COMPANY

April, 2011

Crist 6

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
04/01/11	PO	720.00	291	Major Boiler Outage

- 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, 2011

Smith 1

DATE	OUTAGE TYPE *	HOURS	AFFECTED (MW)	DESCRIPTION
4/11/11	FMO	117.38	162	Waterwall Leak

- **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, 2011

Smith 2

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
4/10/11	FFO	1.00	195	Combustion controls
4/26/11	FMO	192.00	195	Economizer Leak

- 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, 2011

Daniel 2

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
4/12/11	FMO	79.58	510	Boiler recirculation Pump motor

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