

Diamond Williams

110001-EI

From: Milstead, Natalie [NB MILSTE@SOUTHERNCO.COM]
Sent: Monday, June 20, 2011 12:52 PM
To: Filings@psc.state.fl.us
Cc: Michael Barrett
Attachments: GPIC May 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

The attached document is Gulf Power Company's Actual Unit Performance Data Schedules and the Actual Unit Outage Data Schedules for May 2011.

6/20/2011

DOCUMENT NUMBER - DATE
04207 JUN 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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June 20, 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 May 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

nbn

Enclosures

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

DOCUMENT NUMBER DATE

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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	May '11								
1. EAF (%)	0.0	68.9	93.1	100.0	100.0								
2. PH	744	672	743	720	744								
3. SH	0.0	0.0	354.8	0.0	209.3								
4. RSH	0.0	463.0	337.2	720.0	534.7								
5. UH	744.0	209.0	51.0	0.0	0.0								
6. POH	744.0	209.0	0.0	0.0	0.0								
7. PPH	0.0	0.0	0.0	0.0	0.0								
8. MOH	0.0	0.0	51.0	0.0	0.0								
9. PFOH	0.0	0.0	0.0	0.0	0.0								
10. LR pf (MW)	0.0	0.0	0.0	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)	75	75	75	75	75								
14. Oper MBtu	0.0	0.0	238603.0	0.0	122525.0								
15. Net Gen (MWH)	0.0	0.0	20908.0	0.0	10154.0								
16. ANOHR (Btu/KWH)	0.0	0.0	11412.0	0.0	12067.0								
17. NOF %	0.0	0.0	78.6	0.0	64.7								
18. NPC (MW)	75	75	75	75	75								
19. ANOHR Equation	$10\% / AKW * [568.08 + 20.32 * MAR - 32.89 * APR - 30.60 * MAY + 39.21 * JUL + 19.97 * AUG + 19.18 * SEP + 14.84 * OCT]$ $-6606 + 0.12936 * LSRF / AKW$												

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2011 - December 2011

CRIST 5	Jan '11	Feb '11	Mar '11	Apr '11	May '11								
1. EAF (%)	99.1	99.7	100.0	100.0	100.0								
2. PH	744	672	743	720	744								
3. SH	649.1	670.2	427.8	720.0	744.0								
4. RSH	94.9	0.0	315.3	0.0	0.0								
5. UH	0.0	1.8	0.0	0.0	0.0								
6. POH	0.0	0.0	0.0	0.0	0.0								
7. FOH	0.0	1.8	0.0	0.0	0.0								
8. MOH	0.0	0.0	0.0	0.0	0.0								
9. PFOH	0.0	0.0	0.0	0.0	0.0								
10. LR pf (MW)	0.0	0.0	0.0	0.0	0.0								
11. PMOH	18.9	0.0	0.0	0.0	0.0								
12. LR pm (MW)	26.0	0.0	0.0	0.0	0.0								
13. NSC (MW)	75	75	75	75	75								
14. Oper MBtu	457359.0	458525.0	286055.0	482609.0	396999.0								
15. Net Gen (MWH)	42831.0	41909.0	26649.0	45867.0	35186.0								
16. ANOHR (Btu/KWH)	10678.0	10941.0	10734.0	10522.0	11283.0								
17. NOF %	88.0	83.4	83.1	84.9	63.1								
18. NPC (MW)	75	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	May '11								
1. EAF (%)	99.6	37.5	0.0	0.0	33.0								
2. PH	744	672	743	720	744								
3. SH	744.0	252.2	0.0	0.0	246.9								
4. RSH	0.0	0.0	0.0	0.0	0.0								
5. UH	0.0	419.9	743.0	720.0	497.2								
6. POH	0.0	419.9	743.0	720.0	374.0								
7. FOH	0.0	0.0	0.0	0.0	57.4								
8. MOH	0.0	0.0	0.0	0.0	65.8								
9. PFOH	7.6	0.0	0.0	0.0	5.5								
10. LR pf (MW)	106.0	0.0	0.0	0.0	51.0								
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)	291	291	291	291	291								
14. Oper MBtu	1791087.0	515685.0	0.0	0.0	454567.0								
15. Net Gen (MWH)	163709.0	46479.0	0.0	0.0	40066.0								
16. ANOHR (Btu/KWH)	10941.0	11095.0	0.0	0.0	11345.0								
17. NOF %	75.6	63.3	0.0	0.0	55.8								
18. NPC (MW)	291	291	291	291	291								
19. ANOHR Equation	$10\% / AKW * [768.86 + 57.27 * AUG + 47.68 * SEP + 90.47 * OCT - 72.87 * NOV]$ $+ 4,448 + 0.01249 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2011 - December 2011

CRIST 7	Jan '11	Feb '11	Mar '11	Apr '11	May '11								
1. EAF (%)	22.1	68.6	99.9	99.0	91.8								
2. PH	744	672	743	720	744								
3. SH	133.0	473.7	741.9	720.0	683.4								
4. RSH	35.0	0.0	0.0	0.0	0.0								
5. UH	576.0	198.3	1.1	0.0	60.6								
6. POH	576.0	183.3	0.0	0.0	0.0								
7. FQH	0.0	15.0	1.1	0.0	0.0								
8. MOH	0.0	0.0	0.0	0.0	60.6								
9. PFOH	0.0	21.5	0.0	0.0	0.6								
10. LR pf (MW)	0.0	205.0	0.0	0.0	450.0								
11. FMOH	168.0	143.7	0.0	16.1	0.0								
12. LR pm (MW)	10.0	9.9	0.0	215.0	0.0								
13. NSC (MW)	465	465	465	465	465								
14. Oper MBtu	514150.0	1883360.0	3079878.0	3026246.0	2289587.0								
15. Net Gen (MWH)	48939.0	175368.0	295538.0	282184.0	210889.0								
16. ANOHR (Btu/KWH)	10506.0	10739.0	10421.0	10724.0	10857.0								
17. NOF %	79.1	79.6	85.7	84.3	66.4								
18. NPC (MW)	465	465	465	465	465								
19. ANOHR Equation	$10\% / AKW * [1828.93 - 91.88 * JAN + 107.46 * AUG]$ $+ 766 + 0.01270 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2011 - December 2011

SMITH 1	Jan '11	Feb '11	Mar '11	Apr '11	May '11								
1. EAF (%)	87.8	99.3	18.9	83.7	100.0								
2. PH	744	672	743	720	744								
3. SH	406.9	526.6	144.4	602.6	744.0								
4. RSH	247.8	145.4	0.0	0.0	0.0								
5. UH	89.3	0.0	598.6	117.4	0.0								
6. POH	0.0	0.0	552.6	0.0	0.0								
7. FOH	0.0	0.0	10.9	0.0	0.0								
8. MOH	89.3	0.0	35.1	117.4	0.0								
9. PFOH	0.8	18.3	9.8	0.0	0.0								
10. LR pf (MW)	32.0	31.6	61.3	0.0	0.0								
11. PMOH	6.5	6.4	0.0	0.0	0.0								
12. LR pm (MW)	32.0	34.9	0.0	0.0	0.0								
13. NSC (MW)	162	162	162	162	162								
14. Oper MBtu	593890.0	559146.0	182283.0	838495.0	660912.0								
15. Net Gen (MWH)	56759.0	52327.0	17045.0	80175.0	60042.0								
16. ANOHR (Btu/KWH)	10463.0	10686.0	10694.0	10458.0	11007.0								
17. NOF %	86.1	61.3	72.9	82.1	49.8								
18. NPC (MW)	162	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	May '11								
1. EAF (%)	99.8	99.6	54.3	73.2	96.9								
2. PH	744	672	743	720	744								
3. SH	532.5	672.0	355.2	132.8	323.3								
4. RSH	211.6	0.0	48.0	394.3	397.4								
5. UH	0.0	0.0	339.9	193.0	23.3								
6. POH	0.0	0.0	0.0	0.0	0.0								
7. FOH	0.0	0.0	1.1	1.0	23.3								
8. MOH	0.0	0.0	338.8	192.0	0.0								
9. PFOH	3.8	0.0	0.0	0.0	0.0								
10. LR pf (MW)	92.3	0.0	0.0	0.0	0.0								
11. PMOH	0.0	4.9	0.0	0.0	0.0								
12. LR pm (MW)	0.0	95.0	0.0	0.0	0.0								
13. NSC (MW)	195	195	195	195	195								
14. Oper MBtu	831768.0	1062823.0	551172.0	217957.0	308493.0								
15. Net Gen (MWH)	79219.0	100140.0	53211.0	20740.0	27817.0								
16. ANOHR (Btu/KWH)	10500.0	10613.0	10358.0	10509.0	11090.0								
17. NOF %	76.3	76.4	76.8	80.1	44.1								
18. NPC (MW)	195	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	May '11								
1. EAF (%)	85.0	63.2	76.9	99.9	99.3								
2. PH	744	672	743	720	744								
3. SH	695.2	431.8	575.4	695.3	685.0								
4. RSH	0.0	0.0	0.0	24.7	54.1								
5. UH	48.8	240.2	167.6	0.0	4.9								
6. POH	0.0	0.0	0.0	0.0	0.0								
7. FOH	0.0	0.0	108.0	0.0	4.9								
8. MOH	48.8	240.2	59.7	0.0	0.0								
9. PFOH	157.7	30.7	16.2	2.5	0.0								
10. LR pf (MW)	203.9	117.1	127.8	60.0	0.0								
11. PMOH	0.0	0.0	0.0	14.6	0.0								
12. LR pm (MW)	0.0	0.0	0.0	24.5	0.0								
13. NSC (MW)	510	510	510	510	510								
14. Oper MBtu	2737049.0	1029869.0	1715184.0	2689403.0	1911690.0								
15. Net Gen (MWH)	271179.0	96757.0	156985.0	270264.0	176331.0								
16. ANOHR (Btu/KWH)	10093.0	10644.0	10926.0	9951.0	10829.0								
17. NOF %	76.5	43.9	53.5	76.2	50.5								
18. NPC (MW)	510	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	May '11								
1.	EAF (%)	0.0	0.0	74.4	88.9	99.6								
2.	PH	744	672	743	720	744								
3.	SH	0.0	0.0	394.3	0.0	545.6								
4.	RSH	0.0	0.0	166.0	640.4	197.7								
5.	UH	744.0	672.0	182.7	79.6	0.8								
6.	POH	744.0	672.0	33.9	0.0	0.0								
7.	FOH	0.0	0.0	83.1	0.0	0.0								
8.	MOH	0.0	0.0	65.7	79.6	0.8								
9.	PFOH	0.0	0.0	162.8	0.0	4.8								
10.	LR pf (MW)	0.0	0.0	23.2	0.0	195.6								
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)	510	510	510	510	510								
14.	Oper MBtu	0.0	0.0	970085.0	0.0	1628562.0								
15.	Net Gen (MWH)	0.0	0.0	89923.0	0.0	149115.0								
16.	ANOHR (Btu/KWH)	0.0	0.0	10788.0	0.0	10922.0								
17.	NOF %	0.0	0.0	44.7	0.0	53.6								
18.	NPC (MW)	510	510	510	510	510								
19.	ANOHR Equation	$10^6 / AKW * [-184.42 - 82.46 * JAN - 47.27 * FEB + 60.25 * MAY - 41.09 * OCT]$ $+ 13,823 - 0.00726 * LSRF / AKW$												

