

ORIGINAL

Susan D. Ritenour
Secretary and Treasurer
and Regulatory Manager

One Energy Place
Pensacola, Florida 32520-0781

Tel 850.444.6231
Fax 850.444.6026
SDRITEN0@southernco.com

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COMMISSION
GULF POWER
A SOUTHERN COMPANY

June 19, 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 May 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

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FPSC-COMMISSION CLERK

ORIGINAL

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	100.0								
2. PH	744.0	672.0	743.0	720.0	744.0								
3. SH	715.5	672.0	743.0	720.0	744.0								
4. RSH	28.5	0.0	0.0	0.0	0.0								
5. UH	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0								
9. PFOH	0.0	0.0	2.7	6.4	0.0								
10. LR pf (MW)	0.0	0.0	30.0	30.0	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)	78.0	78.0	78.0	78.0	78.0								
14. Oper MBtu	486146.0	469210.0	518554.0	509080.0	526318.0								
15. Net Gen (MWH)	45128.0	44005.0	48311.0	47388.0	47833.0								
16. ANOHR (Btu/KWH)	10773.0	10663.0	10734.0	10743.0	11003.0								
17. NOF %	80.9	84.0	83.4	84.4	82.4								
18. NPC (MW)	78.0	78.0	78.0	78.0	78.0								
19. ANOHR Equation	$10^6 / AKW * [32.38 - 15.16 * JAN - 14.84 * FEB + 13.60 * JUN + 10.74 * NOV]$ $+ 10.131$												

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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	100.0								
2. PH	744.0	672.0	743.0	720.0	744.0								
3. SH	720.8	585.0	743.0	720.0	744.0								
4. RSH	23.2	0.0	0.0	0.0	0.0								
5. UH	0.0	87.0	0.0	0.0	0.0								
6. POH	0.0	0.0	0.0	0.0	0.0								
7. FOH	0.0	5.2	0.0	0.0	0.0								
8. MOH	0.0	81.8	0.0	0.0	0.0								
9. PFOH	0.0	0.0	1.0	1.5	0.0								
10. LR pf (MW)	0.0	0.0	25.0	73.0	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)	78.0	78.0	78.0	78.0	78.0								
14. Oper MBtu	475692.0	400550.0	520086.0	508562.0	517995.0								
15. Net Gen (MWH)	44920.0	37352.0	49095.0	48336.0	48262.0								
16. ANOHR (Btu/KWH)	10590.0	10724.0	10593.0	10521.0	10733.0								
17. NOF %	79.9	81.9	84.7	86.1	83.2								
18. NPC (MW)	78.0	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	99.0								
2. PH	744.0	672.0	743.0	720.0	744.0								
3. SH	739.7	633.3	743.0	645.9	744.0								
4. RSH	0.0	0.0	0.0	0.0	0.0								
5. UH	4.3	38.7	0.0	74.1	0.0								
6. POH	0.0	0.0	0.0	0.0	0.0								
7. FOH	4.3	38.7	0.0	0.0	0.0								
8. MOH	0.0	0.0	0.0	74.1	0.0								
9. PFOH	0.7	0.0	0.0	16.5	0.0								
10. LR pf (MW)	127.0	0.0	0.0	22.0	0.0								
11. PMOH	0.0	0.0	0.0	0.0	13.0								
12. LR pm (MW)	0.0	0.0	0.0	0.0	177.0								
13. NSC (MW)	302.0	302.0	302.0	302.0	302.0								
14. Oper MBtu	1763121.0	1643916.0	1879736.0	1681410.0	1892412.0								
15. Net Gen (MWH)	166720.0	154904.0	177821.0	160957.0	176198.0								
16. ANOHR (Btu/KWH)	10575.0	10612.0	10571.0	10446.0	10740.0								
17. NOF %	74.6	81.0	79.2	82.5	78.4								
18. NPC (MW)	302.0	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	93.2								
2. PH	744.0	672.0	743.0	720.0	744.0								
3. SH	744.0	566.4	743.0	418.9	699.4								
4. RSH	0.0	0.0	0.0	0.0	0.0								
5. UH	0.0	105.6	0.0	301.1	44.6								
6. POH	0.0	0.0	0.0	301.1	0.0								
7. FOH	0.0	105.6	0.0	0.0	44.6								
8. MOH	0.0	0.0	0.0	0.0	0.0								
9. PFOH	56.6	0.0	266.4	236.9	52.0								
10. LR pf (MW)	54.5	0.0	40.6	40.0	17.5								
11. PMOH	15.1	0.0	0.0	0.0	8.3								
12. LR pm (MW)	92.7	0.0	0.0	0.0	214.0								
13. NSC (MW)	472.0	472.0	472.0	472.0	472.0								
14. Oper MBtu	3247367.0	2512916.0	3348918.0	1860331.0	3075629.0								
15. Net Gen (MWH)	311063.0	237365.0	313385.0	172164.0	288598.0								
16. ANOHR (Btu/KWH)	10440.0	10587.0	10686.0	10806.0	10657.0								
17. NOF %	88.6	88.8	89.4	87.1	87.4								
18. NPC (MW)	472.0	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	68.6								
2. PH	744.0	672.0	743.0	720.0	744.0								
3. SH	744.0	672.0	216.6	0.0	531.8								
4. RSH	0.0	0.0	0.0	0.0	0.0								
5. UH	0.0	0.0	526.4	720.0	212.2								
6. POH	0.0	0.0	526.4	720.0	212.2								
7. FOH	0.0	0.0	0.0	0.0	0.0								
8. MOH	0.0	0.0	0.0	0.0	0.0								
9. PFOH	4.7	1.2	0.0	0.0	0.4								
10. LR pf (MW)	9.0	97.0	0.0	0.0	65.0								
11. PMOH	0.0	0.0	0.0	0.0	23.0								
12. LR pm (MW)	0.0	0.0	0.0	0.0	149.7								
13. NSC (MW)	162.0	162.0	162.0	162.0	162.0								
14. Oper MBtu	1028584.0	948618.0	301309.0	0.0	745502.0								
15. Net Gen (MWH)	99259.0	91941.0	29083.0	0.0	72564.0								
16. ANOHR (Btu/KWH)	10363.0	10318.0	10360.0	0.0	10274.0								
17. NOF %	82.4	84.5	82.9	0.0	84.2								
18. NPC (MW)	162.0	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	100.0								
2.	PH	744.0	672.0	743.0	720.0	744.0								
3.	SH	705.8	672.0	671.2	396.2	744.0								
4.	RSH	0.0	0.0	0.0	0.0	0.0								
5.	UH	38.2	0.0	71.8	323.8	0.0								
6.	POH	0.0	0.0	71.8	201.6	0.0								
7.	FOH	0.0	0.0	0.0	0.0	0.0								
8.	MOH	38.2	0.0	0.0	122.2	0.0								
9.	PFOH	0.0	0.0	1.0	0.0	1.2								
10.	LR pf (MW)	0.0	0.0	53.0	0.0	59.0								
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)	195.0	195.0	195.0	195.0	195.0								
14.	Oper MBtu	1159360.0	1130800.0	1113343.0	703301.0	1321017.0								
15.	Net Gen (MWH)	111911.0	109668.0	108371.0	69467.0	129082.0								
16.	ANOHR (Btu/KWH)	10360.0	10311.0	10273.0	10124.0	10234.0								
17.	NOF %	81.3	83.7	82.8	89.9	89.0								
18.	NPC (MW)	195.0	195.0	195.0	195.0	195.0								
19.	ANOHR Equation	$10^6 / \text{AKW} * [273.24 - 36.28 * \text{MAR} + 49.10 * \text{APR} - 13.76 * \text{JUL}]$ $+ 6,470 + 0.01265 * \text{LSRF} / \text{AKW}$												

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	99.8								
2.	PH	744.0	672.0	743.0	720.0	744.0								
3.	SH	744.0	672.0	556.2	720.0	744.0								
4.	RSH	0.0	0.0	0.0	0.0	0.0								
5.	UH	0.0	0.0	186.8	0.0	0.0								
6.	POH	0.0	0.0	186.8	0.0	0.0								
7.	FOH	0.0	0.0	0.0	0.0	0.0								
8.	MOH	0.0	0.0	0.0	0.0	0.0								
9.	PFOH	8.0	0.0	0.8	11.6	1.5								
10.	LR pf (MW)	231.8	0.0	81.0	12.4	33.0								
11.	PMOH	0.0	0.0	2.0	0.0	5.0								
12.	LR pm (MW)	0.0	0.0	275.0	0.0	123.0								
13.	NSC (MW)	503.0	503.0	503.0	503.0	503.0								
14.	Oper MBtu	3601824.0	3235916.0	2650857.0	3149815.0	3205020.0								
15.	Net Gen (MWH)	350736.0	319854.0	259404.0	311707.0	308417.0								
16.	ANOHR (Btu/KWH)	10269.0	10117.0	10219.0	10105.0	10392.0								
17.	NOF %	93.7	94.6	92.7	86.1	82.4								
18.	NPC (MW)	503.0	503.0	503.0	503.0	503.0								
19.	ANOHR Equation	$10^6 / \text{AKW} * [2547.49 + 95.70 * \text{APR} - 90.73 * \text{SEP} - 114.94 * \text{OCT}]$ $- -538 + 10^6 / \text{AKW} * [-0.0550 * \text{BTU/LB}] + 0.01343 * \text{LSRF} / \text{AKW}$												

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	99.2								
2.	PH	744.0	672.0	743.0	720.0	744.0								
3.	SH	744.0	672.0	600.9	680.0	744.0								
4.	RSH	0.0	0.0	0.0	0.0	0.0								
5.	UH	0.0	0.0	142.1	40.0	0.0								
6.	POH	0.0	0.0	142.1	24.9	0.0								
7.	FOH	0.0	0.0	0.0	15.1	0.0								
8.	MOH	0.0	0.0	0.0	0.0	0.0								
9.	PFOH	3.9	0.0	16.5	463.1	10.0								
10.	LR pf (MW)	109.4	0.0	151.8	133.6	65.6								
11.	PMOH	0.0	0.0	0.0	8.3	19.4								
12.	LR pm (MW)	0.0	0.0	0.0	44.0	126.4								
13.	NSC (MW)	510.0	510.0	510.0	510.0	510.0								
14.	Oper MBtu	3018044.0	2583163.0	2163214.0	2633294.0	3212261.0								
15.	Net Gen (MWH)	295599.0	252786.0	212118.0	261444.0	324038.0								
16.	ANOHR (Btu/KWH)	10210.0	10219.0	10198.0	10072.0	9913.0								
17.	NOF %	77.9	73.8	69.2	75.4	85.4								
18.	NPC (MW)	510.0	510.0	510.0	510.0	510.0								
19.	ANOHR Equation	$10^6 / AKW * [1237.97 + 120.49 * JUL - 109.59 * SEP]$ $+ 9,584 + 10^6 / AKW * [-0.0983 * BTU/LB]$												

