

Susan D. Ritenour
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REGISTRATION CENTER

07 SEP 22 AM 1:01



September 20, 2007

RECEIVED-FPSC
07 SEP 24 AM 9:22
COMMISSION
CLERK

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 August 2007, Retail Cost Recovery Charges for Plant Crist, Plant Smith, and Plant Daniel. These schedules are being sent separate from the monthly filing.

Sincerely,

CMP _____
COM _____ *Susan D. Ritenour*
CTR _____ *buh*

ECR _____

GCL 2

OPC _____ bh

RCA 1 Enclosures

SCR _____ cc w/attachment: Florida Public Service Commission

SGA _____ Sid Matlock

SEC _____

OTH _____

DOCUMENT NUMBER-DATE

08684 SEP 24 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	99.7	100.0	100.0	100.0	98.0					
2. PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0					
3. SH	715.5	672.0	743.0	720.0	744.0	720.0	744.0	744.0					
4. RSH	28.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5. UH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
9. PFOH	0.0	0.0	2.7	6.4	0.0	0.0	0.0	41.2					
10. LR pf (MW)	0.0	0.0	30.0	30.0	0.0	0.0	0.0	27.8					
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
13. NSC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0					
14. Oper MBtu	486146.0	469210.0	518554.0	509080.0	526318.0	557451.0	559407.0	544781.0					
15. Net Gen (MWH)	45128.0	44005.0	48311.0	47388.0	47833.0	49480.0	50199.0	47560.0					
16. ANOHR (Btu/KWH)	10773.0	10663.0	10734.0	10743.0	11003.0	11266.0	11144.0	11455.0					
17. NOF %	80.9	84.0	83.4	84.4	82.4	88.1	86.5	82.0					
18. NPC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0					
19. ANOHR Equation	$10^6 / AKW * [32.38 - 15.16 * JAN - 14.84 * FEB + 13.60 * JUN + 10.74 * NOV]$ $+ 10,131$												

DOCUMENT NUMBER-DATE

08684 SEP 24 5

FPSC-COMMISSION CLERK

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	100.0	94.3	97.1					
2. PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0					
3. SH	720.8	585.0	743.0	720.0	744.0	720.0	701.4	744.0					
4. RSH	23.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5. UH	0.0	87.0	0.0	0.0	0.0	0.0	42.6	0.0					
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
7. FOH	0.0	5.2	0.0	0.0	0.0	0.0	42.6	0.0					
8. MOH	0.0	81.8	0.0	0.0	0.0	0.0	0.0	0.0					
9. PFOH	0.0	0.0	1.0	1.5	0.0	0.0	0.0	122.6					
10. LR pf (MW)	0.0	0.0	25.0	73.0	0.0	0.0	0.0	13.7					
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
13. NSC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0					
14. Oper MBtu	475692.0	400550.0	520086.0	508562.0	517995.0	540362.0	523713.0	537828.0					
15. Net Gen (MWH)	44920.0	37352.0	49095.0	48336.0	48262.0	49993.0	47647.0	48391.0					
16. ANOHR (Btu/KWH)	10590.0	10724.0	10593.0	10521.0	10733.0	10809.0	10992.0	11114.0					
17. NOF %	79.9	81.9	84.7	86.1	83.2	89.0	87.1	83.4					
18. NPC (MW)	78.0	78.0	78.0	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	100.0	87.9	96.2					
2. PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0					
3. SH	739.7	633.3	743.0	645.9	744.0	720.0	673.5	715.5					
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5. UH	4.3	38.7	0.0	74.1	0.0	0.0	70.5	28.5					
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
7. FOH	4.3	38.7	0.0	0.0	0.0	0.0	0.0	0.0					
8. MOH	0.0	0.0	0.0	74.1	0.0	0.0	70.5	28.5					
9. PFOH	0.7	0.0	0.0	16.5	0.0	1.2	314.8	0.0					
10. LR pf (MW)	127.0	0.0	0.0	22.0	0.0	83.0	18.8	0.0					
11. PMOH	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0					
12. LR pm (MW)	0.0	0.0	0.0	0.0	177.0	0.0	0.0	0.0					
13. NSC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0					
14. Oper MBtu	1763121.0	1643916.0	1879736.0	1681410.0	1892412.0	2068164.0	1848769.0	1862379.0					
15. Net Gen (MWH)	166720.0	154904.0	177821.0	160957.0	176198.0	192957.0	169220.0	175215.0					
16. ANOHR (Btu/KWH)	10575.0	10612.0	10571.0	10446.0	10740.0	10718.0	10925.0	10629.0					
17. NOF %	74.6	81.0	79.2	82.5	78.4	88.7	83.2	81.1					
18. NPC (MW)	302.0	302.0	302.0	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 (%)	98.8	84.3	96.9	55.4	93.2	84.5	86.5	94.4					
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0					
3.	SH	744.0	566.4	743.0	418.9	699.4	613.6	645.4	703.2					
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5.	UH	0.0	105.6	0.0	301.1	44.6	106.4	98.6	40.8					
6.	POH	0.0	0.0	0.0	301.1	0.0	0.0	0.0	0.0					
7.	FOH	0.0	105.6	0.0	0.0	44.6	106.4	68.5	40.8					
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	30.1	0.0					
9.	PFOH	56.6	0.0	266.4	236.9	52.0	155.3	48.6	23.4					
10.	LR pf (MW)	48.3	0.0	40.6	40.0	17.5	15.0	18.0	19.8					
11.	PMOH	15.1	0.0	0.0	0.0	8.3	0.0	0.0	0.0					
12.	LR pm (MW)	87.7	0.0	0.0	0.0	214.0	0.0	0.0	0.0					
13.	NSC (MW)	472.0	472.0	472.0	472.0	472.0	472.0	472.0	472.0					
14.	Oper MBtu	3247367.0	2512916.0	3348918.0	1860331.0	3075629.0	2954756.0	3075361.0	3393872.0					
15.	Net Gen (MWH)	311063.0	237365.0	313385.0	172164.0	288598.0	271602.0	287142.0	310915.0					
16.	ANOHR (Btu/KWH)	10440.0	10587.0	10686.0	10806.0	10657.0	10879.0	10710.0	10916.0					
17.	NOF %	88.6	88.8	89.4	87.1	87.4	93.8	94.3	93.7					
18.	NPC (MW)	472.0	472.0	472.0	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 I	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	100.0	59.0	95.3					
2. PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0					
3. SH	744.0	672.0	216.6	0.0	531.8	720.0	455.6	709.3					
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5. UH	0.0	0.0	526.4	720.0	212.2	0.0	288.4	34.7					
6. POH	0.0	0.0	526.4	720.0	212.2	0.0	0.0	0.0					
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	288.4	34.7					
9. PFOH	4.7	1.2	0.0	0.0	0.4	0.0	109.9	0.0					
10. LR pf (MW)	9.0	97.0	0.0	0.0	65.0	0.0	24.6	0.0					
11. PMOH	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0					
12. LR pm (MW)	0.0	0.0	0.0	0.0	149.7	0.0	0.0	0.0					
13. NSC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0					
14. Oper MBtu	1028584.0	948618.0	301309.0	0.0	745502.0	1098909.0	676565.0	1050973.0					
15. Net Gen (MWH)	99259.0	91941.0	29083.0	0.0	72500.0	107545.0	65153.0	101874.0					
16. ANOHR (Btu/KWH)	10363.0	10318.0	10360.0	0.0	10283.0	10218.0	10384.0	10316.0					
17. NOF %	82.4	84.5	82.9	0.0	84.2	92.2	88.3	88.7					
18. NPC (MW)	162.0	162.0	162.0	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	95.3	100.0	100.0					
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0					
3.	SH	705.8	672.0	671.2	396.2	744.0	686.0	744.0	744.0					
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5.	UH	38.2	0.0	71.8	323.8	0.0	34.0	0.0	0.0					
6.	POH	0.0	0.0	71.8	201.6	0.0	0.0	0.0	0.0					
7.	FOH	0.0	0.0	0.0	0.0	0.0	34.0	0.0	0.0					
8.	MOH	38.2	0.0	0.0	122.2	0.0	0.0	0.0	0.0					
9.	PFOH	0.0	0.0	1.0	0.0	1.2	0.0	0.0	0.0					
10.	LR pf (MW)	0.0	0.0	53.0	0.0	59.0	0.0	0.0	0.0					
11.	PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
13.	NSC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0					
14.	Oper MBtu	1159360.0	1130800.0	1113343.0	703301.0	1321017.0	1273251.0	1384565.0	1330313.0					
15.	Net Gen (MWH)	111911.0	109668.0	108371.0	69467.0	129082.0	122353.0	132028.0	128326.0					
16.	ANOHR (Btu/KWH)	10360.0	10311.0	10273.0	10124.0	10234.0	10406.0	10487.0	10367.0					
17.	NOF %	81.3	83.7	82.8	89.9	89.0	91.5	91.0	88.5					
18.	NPC (MW)	195.0	195.0	195.0	195.0	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	99.8	98.8	100.0	99.7					
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0					
3.	SH	744.0	672.0	556.2	720.0	744.0	720.0	744.0	744.0					
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5.	UH	0.0	0.0	186.8	0.0	0.0	0.0	0.0	0.0					
6.	POH	0.0	0.0	186.8	0.0	0.0	0.0	0.0	0.0					
7.	FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
9.	PFOH	8.0	0.0	0.8	11.6	1.5	4.7	0.0	2.2					
10.	LR pf (MW)	231.8	0.0	81.0	12.4	33.0	291.1	0.0	497.0					
11.	PMOH	0.0	0.0	2.0	0.0	5.0	13.6	0.0	0.0					
12.	LR pm (MW)	0.0	0.0	275.0	0.0	123.0	208.0	0.0	0.0					
13.	NSC (MW)	503.0	503.0	503.0	503.0	503.0	503.0	503.0	503.0					
14.	Oper MBtu	3601824.0	3235916.0	2650857.0	3149815.0	3205020.0	3278615.0	3414096.0	3297870.0					
15.	Net Gen (MWH)	350736.0	319854.0	259404.0	311707.0	308417.0	325334.0	331360.0	323212.0					
16.	ANOHR (Btu/KWH)	10269.0	10117.0	10219.0	10105.0	10392.0	10078.0	10303.0	10203.0					
17.	NOF %	93.7	94.6	92.7	86.1	82.4	89.8	88.5	86.4					
18.	NPC (MW)	503.0	503.0	503.0	503.0	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	99.2	99.9	99.1	83.5					
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0					
3.	SH	744.0	672.0	600.9	680.0	744.0	720.0	744.0	630.5					
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
5.	UH	0.0	0.0	142.1	40.0	0.0	0.0	0.0	113.5					
6.	POH	0.0	0.0	142.1	24.9	0.0	0.0	0.0	0.0					
7.	FOH	0.0	0.0	0.0	15.1	0.0	0.0	0.0	2.5					
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	111.0					
9.	PFOH	3.9	0.0	16.5	463.1	10.0	7.4	29.4	3.8					
10.	LR pf (MW)	109.4	0.0	151.8	133.6	65.6	49.5	87.4	203.3					
11.	PMOH	0.0	0.0	0.0	8.3	19.4	4.3	3.5	12.4					
12.	LR pm (MW)	0.0	0.0	0.0	44.0	126.4	14.0	258.1	322.6					
13.	NSC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0					
14.	Oper MBtu	3018044.0	2583163.0	2163214.0	2633294.0	3212261.0	3390375.0	3347570.0	2764711.0					
15.	Net Gen (MWH)	295599.0	252786.0	212118.0	261444.0	324038.0	335238.0	336384.0	273715.0					
16.	ANOHR (Btu/KWH)	10210.0	10219.0	10198.0	10072.0	9913.0	10113.0	9952.0	10101.0					
17.	NOF %	77.9	73.8	69.2	75.4	85.4	91.3	88.7	85.1					
18.	NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0					
19.	ANOHR Equation	$10^6 / AKW * [1237.97 + 120.49 * JUL - 109.59 * SEP]$ $+ 9,584 + 10^6 / AKW * [-0.0983 * BTU/LB]$												

