

Susan D. Ritenour
Secretary and Treasurer
and Regulatory Manager

One Energy Place
Pensacola, Florida 32520-0781

Tel 850.444.6231
Fax 850.444.6026
SDRITENO@southernco.com

ORIGINAL



October 19, 2004

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04 OCT 20 AM 10:10
COMMISSION
CLERK

Ms. Blanca S. Bayo, Director
Division of the Commission Clerk and Administrative Services
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee FL 32399-0870

Dear Ms. Bayo:

RE: COMMISSION STAFF'S MINIMUM FILING REQUIREMENTS IN SUPPORT
OF THE MONTHLY FUEL AND PURCHASED POWER COST RECOVERY
CHARGE IN DOCKET NO. 040001-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 for
September 2004, Retail Cost Recovery Charges for Plant Crist, Plant Smith, and
Plant Daniel. These schedules are being sent separate from the monthly filing.

- CMP _____
- COM 5 _____
- CTR _____
- ECR _____
- GCL _____
- OPC _____
- MMS _____
- RCA _____
- SCR _____
- SEC 1 _____
- OTH _____

Sincerely,

db

Attachment

cc: Florida Public Service Commission
Sid Matlock

04 OCT 20 AM 9:59

STATE PUBLIC SERVICE COMMISSION DISTRIBUTION CENTER

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FPSC-COMMISSION CLERK

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2004 - December 2004

CRIST 4	Jan '04	Feb '04	Mar '04	Apr '04	May '04	Jun '04	Jul '04	Aug '04	Sep '04	Oct '04	Nov '04	Dec '04	Total
1. EAF (%)	100.0	100.0	100.0	100.0	100.0	96.2	100.0	100.0	91.1				
2. PH	744.0	696.0	744.0	719.0	744.0	720.0	744.0	744.0	720.0				
3. SH	744.0	696.0	744.0	719.0	744.0	692.9	744.0	744.0	656.2				
4. RSH	0.0	0.0	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	27.1	0.0	0.0	63.8				
6. POH	0.0	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	63.8				
8. MOH	0.0	0.0	0.0	0.0	0.0	27.1	0.0	0.0	0.0				
9. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
10. LR pf (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
12. LR pm (MW)	0.0	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	78.0				
14. Oper MBtu	520852.0	515590.0	568887.0	540255.0	511404.0	481461.0	530572.0	540186.0	445134.0				
15. Net Gen (MWH)	49849.0	49777.0	55002.0	51719.0	48540.0	45249.0	49709.0	50779.0	41712.0				
16. ANOHR (Btu/KWH)	10449.0	10358.0	10343.0	10446.0	10536.0	10640.0	10674.0	10638.0	10672.0				
17. NOF %	85.9	91.7	94.8	92.2	83.6	83.7	85.7	87.5	81.5				
18. NPC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0				
19. ANOHR Equation	$10^6 / AKW * [617.42 + 9.96 * MAR - 23.05 * NOV]$ $-8329 + 0.13863 * LSRF / AKW$												

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PERIOD OF: January 2004 - December 2004

CRIST 5	Jan '04	Feb '04	Mar '04	Apr '04	May '04	Jun '04	Jul '04	Aug '04	Sep '04	Oct '04	Nov '04	Dec '04	Total
1. EAF (%)	100.0	95.5	100.0	100.0	100.0	100.0	100.0	96.3	92.3				
2. PH	744.0	696.0	744.0	719.0	744.0	720.0	744.0	744.0	720.0				
3. SH	744.0	669.9	744.0	719.0	744.0	720.0	744.0	716.4	664.8				
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
5. UH	0.0	26.1	0.0	0.0	0.0	0.0	0.0	27.6	55.2				
6. POH	0.0	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	55.2				
8. MOH	0.0	26.1	0.0	0.0	0.0	0.0	0.0	27.6	0.0				
9. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
10. LR pf (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
11. PMOH	0.0	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
12. LR pm (MW)	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
13. NSC (MW)	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0				
14. Oper MBtu	511660.0	484136.0	570915.0	542432.0	517338.0	508030.0	525981.0	524328.0	455618.0				
15. Net Gen (MWH)	49022.0	46011.0	55051.0	51691.0	48611.0	47805.0	49266.0	49679.0	42018.0				
16. ANOHR (Btu/KWH)	10437.0	10522.0	10371.0	10494.0	10642.0	10627.0	10676.0	10554.0	10843.0				
17. NOF %	82.4	85.9	92.5	89.9	81.7	83.0	82.8	86.7	79.0				
18. NPC (MW)	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0				
19. ANOHR Equation	$10^6 / AKW * [-136.85 - 13.15 * OCT - 21.65 * NOV]$ $+ 18,611 - 0.08694 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

CRIST 6	Jan '04	Feb '04	Mar '04	Apr '04	May '04	Jun '04	Jul '04	Aug '04	Sep '04	Oct '04	Nov '04	Dec '04	Total
1. EAF (%)	0.7	95.9	97.6	23.8	95.9	90.5	92.4	97.7	70.8				
2. PH	744.0	696.0	744.0	719.0	744.0	720.0	744.0	744.0	720.0				
3. SH	5.2	667.2	725.8	171.2	713.2	651.3	696.2	735.4	567.7				
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
5. UH	738.8	28.8	18.2	547.8	30.8	68.7	47.8	8.6	152.3				
6. POH	571.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
7. FOH	167.6	4.8	18.2	0.0	30.8	68.7	47.8	8.6	52.4				
8. MOH	0.0	24.0	0.0	547.8	0.0	0.0	0.0	0.0	99.9				
9. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0				
10. LR pf (MW)	0.0	0.0	0.0	0.0	0.0	0.0	38.0	0.0	0.0				
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	15.6	15.3	98.9				
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	162.0	167.5	176.0				
13. NSC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0				
14. Oper MBtu	56840.0	1775639.0	1967176.0	432163.0	1805887.0	1648371.0	1786099.0	2042729.0	1327417.0				
15. Net Gen (MWH)	336.0	185634.0	200102.0	42588.0	169810.0	161977.0	171620.0	194961.0	126804.0				
16. ANOHR (Btu/KWH)	169167.0	9565.0	9831.0	10148.0	10635.0	10177.0	10407.0	10478.0	10468.0				
17. NOF %	21.4	92.1	91.3	82.4	78.8	82.4	81.6	87.8	74.0				
18. NPC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0				
19. ANOHR Equation	$10^6 / AKW * [1069.69 + 44.52 * MAR - 33.07 * MAY + 30.91 * AUG]$ $+ 844 + 0.02012 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

	CRIST 7	Jan '04	Feb '04	Mar '04	Apr '04	May '04	Jun '04	Jul '04	Aug '04	Sep '04	Oct '04	Nov '04	Dec '04	Total
1.	EAF (%)	100.0	3.2	0.0	11.1	92.4	87.8	91.6	86.1	66.4				
2.	PH	744.0	696.0	744.0	719.0	744.0	720.0	744.0	744.0	720.0				
3.	SH	744.0	22.1	0.0	81.5	697.7	637.9	682.6	715.3	478.3				
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
5.	UH	0.0	673.9	744.0	637.5	46.3	82.1	61.4	28.7	241.7				
6.	POH	0.0	673.9	744.0	507.7	0.0	0.0	0.0	0.0	0.0				
7.	FOH	0.0	0.0	0.0	129.8	0.0	0.0	4.4	6.7	52.4				
8.	MOH	0.0	0.0	0.0	0.0	46.3	82.1	57.0	22.0	189.3				
9.	PFOH	0.0	0.0	0.0	2.8	2.6	13.9	9.6	213.3	0.0				
10.	LR pf (MW)	0.0	0.0	0.0	317.0	51.0	205.5	41.7	167.5	0.0				
11.	PMOH	0.0	0.0	0.0	0.0	17.5	0.0	0.0	0.0	0.0				
12.	LR pm (MW)	0.0	0.0	0.0	0.0	278.0	0.0	0.0	0.0	0.0				
13.	NSC (MW)	477.0	477.0	477.0	477.0	477.0	477.0	477.0	477.0	477.0				
14.	Oper MBtu	3209101.0	97787.0	0.0	383328.0	2808258.0	2504892.0	2817207.0	2900688.0	1945384.0				
15.	Net Gen (MWH)	314192.0	9866.0	0.0	35457.0	268569.0	242071.0	271888.0	275001.0	185784.0				
16.	ANOHR (Btu/KWH)	10214.0	9912.0	0.0	10811.0	10456.0	10348.0	10362.0	10548.0	10471.0				
17.	NOF %	88.5	93.6	0.0	91.2	80.7	79.6	83.5	80.6	81.4				
18.	NPC (MW)	477.0	477.0	477.0	477.0	477.0	477.0	477.0	477.0	477.0				
19.	ANOHR Equation	$10^6 / AKW * [349.83 - 96.07 * MAR + 61.52 * JUN + 115.03 * JUL + 78.38 * AUG + 90.36 * SEP + 64.01 * NOV]$ + 9,387												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2004 - December 2004

SMITH 1	Jan '04	Feb '04	Mar '04	Apr '04	May '04	Jun '04	Jul '04	Aug '04	Sep '04	Oct '04	Nov '04	Dec '04	Total
1. EAF (%)	99.8	99.9	100.0	86.9	99.9	100.0	100.0	99.8	99.7				
2. PH	744.0	696.0	744.0	719.0	744.0	720.0	744.0	744.0	720.0				
3. SH	744.0	696.0	744.0	625.0	744.0	720.0	744.0	744.0	717.8				
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
5. UH	0.0	0.0	0.0	94.0	0.0	0.0	0.0	0.0	2.2				
6. POH	0.0	0.0	0.0	94.0	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	2.2				
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
9. PFOH	1.9	20.6	0.0	0.0	1.7	1.8	0.0	1.1	0.0				
10. LR pf (MW)	142.0	3.7	0.0	0.0	47.0	32.0	0.0	42.0	0.0				
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0				
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.0	0.0				
13. NSC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0				
14. Oper MBtu	1015202.0	1061279.0	1166910.0	938186.0	983861.0	978257.0	1001235.0	1072740.0	948402.0				
15. Net Gen (MWH)	99035.0	102586.0	114343.0	91949.0	96175.0	95364.0	98792.0	106626.0	92429.0				
16. ANOHR (Btu/KWH)	10251.0	10345.0	10205.0	10203.0	10230.0	10258.0	10135.0	10061.0	10261.0				
17. NOF %	82.2	91.0	94.9	90.8	79.8	81.8	82.0	88.5	79.5				
18. NPC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0				
19. ANOHR Equation	$10^6 / AKW * [111.12 - 22.83 * JAN - 27.46 * FEB + 17.98 * APR]$ + 9,412												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

	SMITH 2	Jan '04	Feb '04	Mar '04	Apr '04	May '04	Jun '04	Jul '04	Aug '04	Sep '04	Oct '04	Nov '04	Dec '04	Total
1.	EAF (%)	100.0	94.0	96.6	52.6	95.8	100.0	100.0	99.8	99.8				
2.	PH	744.0	696.0	744.0	719.0	744.0	720.0	744.0	744.0	720.0				
3.	SH	744.0	658.0	719.5	378.3	712.7	720.0	744.0	744.0	720.0				
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
5.	UH	0.0	38.0	24.5	340.7	31.3	0.0	0.0	0.0	0.0				
6.	POH	0.0	0.0	0.0	340.7	0.0	0.0	0.0	0.0	0.0				
7.	FOH	0.0	38.0	24.5	0.0	0.0	0.0	0.0	0.0	0.0				
8.	MOH	0.0	0.0	0.0	0.0	31.3	0.0	0.0	0.0	0.0				
9.	PFOH	4.7	53.4	3.3	0.0	0.0	0.0	0.2	1.3	1.3				
10.	LR pf (MW)	9.0	7.7	49.0	0.0	0.0	0.0	182.0	172.0	185.0				
11.	PMOH	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
12.	LR pm (MW)	0.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
13.	NSC (MW)	189.0	189.0	189.0	189.0	189.0	189.0	189.0	189.0	189.0				
14.	Oper MBtu	1151294.0	1129417.0	1232878.0	653845.0	1058448.0	1102606.0	1155464.0	1262628.0	1092548.0				
15.	Net Gen (MWH)	113613.0	110797.0	124970.0	61809.0	102145.0	106089.0	111088.0	120774.0	104190.0				
16.	ANOHR (Btu/KWH)	10133.0	10194.0	9865.0	10578.0	10362.0	10393.0	10401.0	10454.0	10486.0				
17.	NOF %	80.8	89.1	91.9	86.4	75.8	78.0	79.0	85.9	76.6				
18.	NPC (MW)	189.0	189.0	189.0	189.0	189.0	189.0	189.0	189.0	189.0				
19.	ANOHR Equation	$10^6 / AKW * [139.59 - 38.77 * JAN - 43.18 * FEB - 42.50 * MAR - 16.17 * MAY + 27.46 * JUL + 19.26 * AUG]$ $+ 9,289$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2004 - December 2004

DANIEL 1	Jan '04	Feb '04	Mar '04	Apr '04	May '04	Jun '04	Jul '04	Aug '04	Sep '04	Oct '04	Nov '04	Dec '04	Total
1. EAF (%)	99.9	99.3	57.3	85.0	95.4	87.3	95.5	95.5	99.4				
2. PH	744.0	696.0	744.0	719.0	744.0	720.0	744.0	744.0	720.0				
3. SH	744.0	691.7	426.8	619.9	710.4	628.4	711.9	744.0	708.1				
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.9				
5. UH	0.0	4.3	317.2	99.1	33.6	91.6	32.1	0.0	0.0				
6. POH	0.0	0.0	317.2	74.8	0.0	0.0	0.0	0.0	0.0				
7. FOH	0.0	4.3	0.0	24.3	0.0	24.7	0.0	0.0	0.0				
8. MOH	0.0	0.0	0.0	0.0	33.6	66.9	32.1	0.0	0.0				
9. PFOH	3.1	0.3	2.9	17.0	3.3	0.3	4.0	103.6	4.4				
10. LR pf (MW)	64.0	511.0	140.0	155.0	132.6	94.0	154.0	166.0	59.4				
11. PMOH	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0	11.2				
12. LR pm (MW)	0.0	0.0	0.0	184.7	0.0	0.0	0.0	0.0	168.4				
13. NSC (MW)	514.0	514.0	514.0	514.0	514.0	514.0	514.0	514.0	514.0				
14. Oper MBtu	3740671.0	3402533.0	2057881.0	2991614.0	3129962.0	3018641.0	3522497.0	3390896.0	3199581.0				
15. Net Gen (MWH)	363598.0	336226.0	203907.0	289817.0	298651.0	290363.0	345675.0	339849.0	303265.0				
16. ANOHR (Btu/KWH)	10288.0	10120.0	10092.0	10322.0	10480.0	10396.0	10190.0	9978.0	10550.0				
17. NOF %	95.1	94.6	92.9	91.0	81.8	89.9	94.5	88.9	83.3				
18. NPC (MW)	514.0	514.0	514.0	514.0	514.0	514.0	514.0	514.0	514.0				
19. ANOHR Equation	$10^6 / AKW * [-528.45 - 59.78 * MAY + 139.64 * JUL + 75.47 * AUG]$ $+ 15,490 - 0.00906 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2004 - December 2004

DANIEL 2	Jan '04	Feb '04	Mar '04	Apr '04	May '04	Jun '04	Jul '04	Aug '04	Sep '04	Oct '04	Nov '04	Dec '04	Total
1. EAF (%)	70.5	99.3	94.3	99.8	99.7	100.0	99.6	89.5	99.8				
2. PH	744.0	696.0	744.0	719.0	744.0	720.0	744.0	744.0	720.0				
3. SH	525.9	694.6	702.0	719.0	744.0	720.0	744.0	669.2	720.0				
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
5. UH	218.1	1.4	42.0	0.0	0.0	0.0	0.0	74.8	0.0				
6. POH	164.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
7. FOH	25.0	1.4	0.0	0.0	0.0	0.0	0.0	43.3	0.0				
8. MOH	28.8	0.0	42.0	0.0	0.0	0.0	0.0	31.5	0.0				
9. PFOH	8.0	11.6	0.8	13.4	11.7	1.8	30.2	12.6	8.0				
10. LR pf (MW)	84.5	64.9	25.6	50.3	13.4	60.0	55.3	128.3	76.3				
11. PMOH	0.0	4.8	4.0	0.0	5.9	0.0	0.0	0.0	0.0				
12. LR pm (MW)	0.0	187.9	37.7	0.0	170.0	0.0	0.0	0.0	0.0				
13. NSC (MW)	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0				
14. Oper MBtu	2315221.0	3267921.0	3322599.0	3400813.0	3203966.0	3313302.0	3526561.0	3037857.0	3099015.0				
15. Net Gen (MWH)	243582.0	342971.0	338437.0	346245.0	324431.0	332493.0	346502.0	313796.0	310867.0				
16. ANOHR (Btu/KWH)	9505.0	9528.0	9817.0	9822.0	9876.0	9965.0	10178.0	9681.0	9969.0				
17. NOF %	92.6	98.8	96.4	96.3	87.2	92.4	93.1	93.8	86.4				
18. NPC (MW)	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0	500.0				
19. ANOHR Equation	10^6 / AKW * [571.00 - 118.56 * JAN - 87.31 * FEB - 88.00 * MAR - 88.36 * NOV]												
	+ 8,698												

ACTUAL UNIT OUTAGE DATA

GULF POWER COMPANY

September, 2004

Crist 5

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
09/16	FFO	55.2	80.0	Hurricane - Transmission and System Demand Los

* 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

September, 2004

Daniel 2

DATE	OUTAGE TYPE *	HOURS	AFFECTED (MW)	DESCRIPTION
09/18	PFO	0.8	86.0	Wet Coal Problem
09/19	PFO	0.5	460.0	Boiler Control System Problem
09/23	PFO	2.7	74.0	Hydraulic Control System Problem
09/23	PFO	4.0	28.0	Pulverizer Feeder Problem

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