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COMMISSION  
CLERK



October 16, 2009

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. 090001-E1

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 September 2009, Retail Cost Recovery Charges for Plant Crist, Plant Smith, and Plant Daniel. These schedules are being sent separate from the monthly filing.

Sincerely,

COM \_\_\_\_\_  
**ECR** \_\_\_\_\_  
GCL 2 \_\_\_\_\_  
OPC \_\_\_\_\_  
RCP 1 \_\_\_\_\_  
SSC \_\_\_\_\_  
SGA 1 \_\_\_\_\_  
ADM \_\_\_\_\_  
CLK \_\_\_\_\_

mr

Enclosures

cc w/attachment: Florida Public Service Commission  
Sid Matlock

DOCUMENT NUMBER-DATE

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

CRIST 4	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	Jul '09	Aug '09	Sep '09				
1. EAF (%)	100.0	100.0	100.0	100.0	98.5	100.0	100.0	100.0	99.8				
2. PH	744.0	672.0	743	720.0	744.0	720.0	744.0	744.0	720.0				
3. SH	617.3	574.0	102.8	0.0	282.5	0.0	104.8	0.0	171.6				
4. RSH	126.7	98.0	640.2	720.0	450.1	720.0	639.2	744.0	547.3				
5. UH	0.0	0.0	0.0	0.0	11.4	0.0	0.0	0.0	1.1				
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	9.4	0.0	0.0	0.0	1.1				
8. MOH	0.0	0.0	0.0	0.0	2.0	0.0	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	371521.0	343977.0	64608.0	0.0	175289.0	0.0	76389.0	0.0	118448.0				
15. Net Gen (MWH)	35112.0	32516.0	5793.0	0.0	16701.0	0.0	6514.0	0.0	9766.0				
16. ANOHR (Btu/KWH)	10581.0	10579.0	11153.0	0.0	10496.0	0.0	11727.0	0.0	12129.0				
17. NOF %	72.9	72.6	72.2	0.0	75.8	0.0	79.7	0.0	73.0				
18. NPC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0				
19. ANOHR Equation	$10\% / AKW * [ -381.74 + 11.33 * MAR + 21.63 * MAY + 36.12 * JUN + 26.37 * JUL + 39.93 * AUG + 26.37 * SEP + 18.89 * OCT + 12.20 * NOV ]$ $+ 24.343 - 0.11694 * LSRF / AKW$												

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

CRIST 5	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	Jul '09	Aug '09	Sep '09				
1. EAF (%)	93.7	98.0	99.4	88.2	95.7	99.0	100.0	100.0	96.9				
2. PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0				
3. SH	342.8	672.0	738.4	482.7	405.7	712.8	744.0	744.0	559.8				
4. RSH	354.4	0.0	0.0	152.3	306.1	0.0	0.0	0.0	138.2				
5. UH	46.8	0.0	4.6	85.0	32.2	7.2	0.0	0.0	22.0				
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	4.6	4.5	0.0	7.2	0.0	0.0	0.0				
8. MOH	46.8	0.0	0.0	80.5	32.2	0.0	0.0	0.0	22.0				
9. PFOH	1.1	39.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
10. LR pf (MW)	28.0	26.1	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	188358.0	404316.0	495028.0	287067.0	267826.0	442111.0	500695.0	440191.0	343652.0				
15. Net Gen (MWH)	18249.0	38037.0	43702.0	27407.0	24469.0	39938.0	43172.0	39507.0	28580.0				
16. ANOHR (Btu/KWH)	10322.0	10630.0	11327.0	10474.0	10946.0	11070.0	11598.0	11142.0	12024.0				
17. NOF %	68.3	72.6	75.9	72.8	77.3	71.8	74.4	68.1	65.5				
18. NPC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0				
19. ANOHR Equation	$10^6 / AKW * [ 426.33 - 10.84 * APR + 13.62 * MAY + 14.07 * JUN + 22.79 * JUL + 23.21 * AUG + 28.04 * SEP + 23.17 * OCT ]$ $-988 + 0.07491 * LSRF / AKW$												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2009 - December 2009**

CRIST 6	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	Jul '09	Aug '09	Sep '09				
1. EAF (%)	0.0	58.9	100.0	99.4	99.7	98.4	100.0	100.0	100.0				
2. PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0				
3. SH	0.0	438.1	490.0	677.9	714.1	205.8	528.4	570.5	0.0				
4. RSH	0.0	0.0	253.0	42.1	28.0	502.4	215.6	173.5	720.0				
5. UH	744.0	233.9	0.0	0.0	1.9	11.8	0.0	0.0	0.0				
6. POH	744.0	156.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
7. FOH	0.0	77.3	0.0	0.0	1.9	5.8	0.0	0.0	0.0				
8. MOH	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0				
9. PFOH	0.0	0.0	0.0	9.1	7.3	0.0	0.0	0.0	0.0				
10. LR pf (MW)	0.0	0.0	0.0	131.9	14.0	0.0	0.0	0.0	0.0				
11. PMOH	0.0	58.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
12. LR pm (MW)	0.0	217.0	0.0	0.0	0.0	0.0	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	302.0				
14. Oper MBtu	0.0	757590.0	1119840.0	1318298.0	1575741.0	440405.0	1130519.0	1046705.0	0.0				
15. Net Gen (MWH)	0.0	69288.0	100643.0	115306.0	141688.0	40443.0	103512.0	88523.0	0.0				
16. ANOHR (Btu/KWH)	0.0	10934.0	11127.0	11433.0	11121.0	10890.0	10922.0	11824.0	0.0				
17. NOF %	0.0	52.4	68.0	56.3	65.7	65.1	64.9	51.4	0.0				
18. NPC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0				
19. ANOHR Equation	$10^6 / AKW * [ 1564.72 - 54.35 * FEB - 64.08 * MAR + 52.17 * JUN - 50.16 * OCT ]$ $-2641 + 0.02701 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

CRIST 7	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	Jul '09	Aug '09	Sep '09				
1. EAF (%)	96.1	0.0	46.7	80.7	94.7	94.3	81.8	94.8	100.0				
2. PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0				
3. SH	602.1	0.0	401.0	346.2	736.8	720.0	608.7	710.1	720.0				
4. RSH	117.9	0.0	0.0	262.6	0.0	0.0	0.0	0.0	0.0				
5. UH	24.0	672.0	342.0	111.2	7.2	0.0	135.3	33.9	0.0				
6. POH	24.0	672.0	315.5	0.0	0.0	0.0	0.0	0.0	0.0				
7. FOH	0.0	0.0	2.8	0.0	0.0	0.0	135.3	33.9	0.0				
8. MOH	0.0	0.0	23.7	111.2	7.2	0.0	0.0	0.0	0.0				
9. PFOH	21.7	0.0	168.4	121.3	199.7	23.7	11.9	6.6	0.0				
10. LR pf (MW)	81.2	0.0	152.1	107.2	60.3	19.1	13.9	329.3	0.0				
11. PMOH	11.2	0.0	0.0	0.0	34.8	79.7	0.0	0.0	0.0				
12. LR pm (MW)	65.0	0.0	0.0	0.0	96.0	238.4	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	472.0				
14. Oper MBtu	2412471.0	0.0	1435251.0	1304533.0	2966969.0	2662013.0	2463015.0	2359402.0	2392308.0				
15. Net Gen (MWH)	224958.0	0.0	126488.0	116302.0	273797.0	239364.0	227679.0	208560.0	215259.0				
16. ANOHR (Btu/KWH)	10724.0	0.0	11347.0	11217.0	10836.0	11121.0	10818.0	11313.0	11114.0				
17. NOF %	79.2	0.0	66.8	71.2	78.7	70.4	79.2	62.2	63.3				
18. NPC (MW)	472.0	472.0	472.0	472.0	472.0	472.0	472.0	472.0	472.0				
19. ANOHR Equation	$10^6 / AKW * [ 503.94 - 136.35 * FEB + 117.15 * MAR + 87.68 * APR + 104.03 * JUN ]$ $+ 9,321$												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2009 - December 2009**

SMITH 1	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	Jul '09	Aug '09	Sep '09				
1. EAF (%)	100.0	100.0	100.0	40.0	63.4	96.6	100.0	100.0	99.4				
2. PH	744.0	672.0	743	720.0	744.0	720.0	744.0	744.0	720.0				
3. SH	744.0	142.8	266.2	0.0	489.8	437.4	744.0	744.0	720.0				
4. RSH	0.0	529.2	476.8	288.0	0.0	258.1	0.0	0.0	0.0				
5. UH	0.0	0.0	0.0	432.0	254.2	24.5	0.0	0.0	0.0				
6. POH	0.0	0.0	0.0	432.0	211.8	0.0	0.0	0.0	0.0				
7. FOH	0.0	0.0	0.0	0.0	42.4	24.5	0.0	0.0	0.0				
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	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	40.0	0.0	0.0	0.0	32.4				
12. LR pm (MW)	0.0	0.0	0.0	0.0	72.0	0.0	0.0	0.0	22.0				
13. NSC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0				
14. Oper MBtu	866648.0	187650.0	340964.0	0.0	608735.0	500397.0	942946.0	814202.0	761110.0				
15. Net Gen (MWH)	83280.0	18015.0	32731.0	0.0	57594.0	46244.0	87210.0	74755.0	69754.0				
16. ANOHR (Btu/KWH)	10406.0	10416.0	10417.0	0.0	10569.0	10821.0	10812.0	10892.0	10911.0				
17. NOF %	69.1	77.9	75.9	0.0	72.6	65.3	72.4	62.0	59.8				
18. NPC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0	162.0				
19. ANOHR Equation	$10^6 / AKW * [ 373.33 + 12.10 * JUN + 11.27 * JUL - 11.78 * OCT ]$ $+ 5.085 + 0.01746 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

SMITH 2	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	Jul '09	Aug '09	Sep '09				
1. EAF (%)	99.3	99.0	100.0	80.2	84.6	99.5	91.0	97.6	84.4				
2. PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0				
3. SH	550.5	601.6	743.0	577.7	629.3	720.0	682.1	593.0	167.0				
4. RSH	193.5	70.4	0.0	0.0	0.0	0.0	0.0	133.5	442.6				
5. UH	0.0	0.0	0.0	142.3	114.7	0.0	61.9	17.5	110.4				
6. POH	0.0	0.0	0.0	142.3	96.0	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	1.4				
8. MOH	0.0	0.0	0.0	0.0	18.7	0.0	61.9	17.5	109.0				
9. PFOH	14.3	16.2	0.0	0.0	0.2	0.3	58.6	0.0	0.1				
10. LR pf (MW)	66.3	78.6	0.0	0.0	195.0	116.0	18.0	0.0	195.0				
11. PMOH	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	3.2				
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	90.0	0.0	0.0	110.0				
13. NSC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0				
14. Oper MBtu	827184.0	896037.0	1094873.0	850335.0	899471.0	824876.0	854539.0	748288.0	209231.0				
15. Net Gen (MWH)	78073.0	87294.0	106740.0	82129.0	88802.0	77475.0	81063.0	71593.0	20161.0				
16. ANOHR (Btu/KWH)	10595.0	10265.0	10257.0	10354.0	10129.0	10647.0	10542.0	10452.0	10378.0				
17. NOF %	72.7	74.4	73.7	72.9	72.4	55.2	60.9	61.9	61.9				
18. NPC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0				
19. ANOHR Equation	$10^6 / AKW * [ 55.14 - 16.87 * MAY - 11.84 * JUL - 10.07 * SEP ]$ + 9.987												

**ACTUAL UNIT PERFORMANCE DATA**

**GULF POWER COMPANY**

**PERIOD OF: January 2009 - December 2009**

	DANIEL 1	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	Jul '09	Aug '09	Sep '09				
1.	EAF (%)	99.9	99.6	99.9	96.5	99.9	93.8	93.6	94.9	98.2				
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0				
3.	SH	541.9	244.1	135.9	683.0	744.0	717.5	744.0	744.0	720.0				
4.	RSH	202.1	425.2	607.1	37.0	0.0	0.0	0.0	0.0	0.0				
5.	UH	0.0	2.7	0.0	0.0	0.0	2.5	0.0	0.0	0.0				
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
7.	FOH	0.0	2.7	0.0	0.0	0.0	2.5	0.0	0.0	0.0				
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
9.	PFOH	2.8	0.2	50.6	8.3	6.3	1.9	3.8	16.4	2.5				
10.	LR pf (MW)	106.1	60.9	10.0	168.1	68.9	63.0	477.6	8.7	35.0				
11.	PMOH	0.0	0.0	0.0	174.8	0.0	717.5	744.0	744.0	720.0				
12.	LR pm (MW)	0.0	0.0	0.0	64.5	0.0	30.0	30.0	26.0	9.0				
13.	NSC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0				
14.	Oper MBtu	1565364.0	691112.0	521534.0	2544716.0	2979705.0	2667947.0	2852773.0	2857830.0	2719449.0				
15.	Net Gen (MWH)	136732.0	60603.0	50745.0	240656.0	278131.0	250577.0	266524.0	278821.0	272786.0				
16.	ANOHR (Btu/KWH)	11448.0	11404.0	10278.0	10574.0	10713.0	10647.0	10704.0	10250.0	9969.0				
17.	NOF %	49.5	48.7	73.2	69.1	73.3	68.5	70.2	73.5	74.3				
18.	NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0				
19.	ANOHR Equation	$10^6 / AKW * [ 1635.53 ]$ $+ 2.739 + 0.00821 * LSRF / AKW$												



ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

DANIEL 2	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	Jul '09	Aug '09	Sep '09				
1. EAF (%)	99.4	99.0	100.0	96.1	10.1	97.5	91.8	95.5	95.7				
2. PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0				
3. SH	551.8	387.4	140.7	688.9	75.1	720.0	700.3	744.0	720.0				
4. RSH	192.2	279.3	602.3	28.9	0.0	0.0	0.0	0.0	0.0				
5. UH	0.0	5.3	0.0	2.2	668.9	0.0	43.7	0.0	0.0				
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
7. FOH	0.0	5.3	0.0	2.2	0.0	0.0	0.0	0.0	0.0				
8. MOH	0.0	0.0	0.0	0.0	668.9	0.0	43.7	0.0	0.0				
9. PFOH	10.3	7.6	2.6	9.8	0.6	12.3	4.6	13.1	6.3				
10. LR pf (MW)	221.1	113.3	30.0	86.3	40.0	34.8	68.7	102.3	44.2				
11. PMOH	0.0	0.0	0.0	178.2	0.0	720.0	700.3	744.0	720.0				
12. LR pm (MW)	0.0	0.0	0.0	69.6	0.0	12.0	12.0	21.4	21.7				
13. NSC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0				
14. Oper MBtu	2141600.0	1466471.0	508733.0	2521701.0	232183.0	2804373.0	2644200.0	2856563.0	2638882.0				
15. Net Gen (MWH)	218294.0	136248.0	49638.0	235859.0	21617.0	269319.0	260182.0	282252.0	259449.0				
16. ANOHR (Btu/KWH)	9811.0	10763.0	10249.0	10692.0	10741.0	10413.0	10163.0	10121.0	10171.0				
17. NOF %	77.6	69.0	69.2	67.1	56.4	73.3	72.8	74.4	70.7				
18. NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0				
19. ANOHR Equation	$10^6 / AKW * [ 1440.20 - 123.89 * MAR - 108.06 * MAY - 96.34 * SEP ]$ + 8.444												

















