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August 18, 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-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 July 2009, 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 (lw)*

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

mr

Enclosures

cc w/attachment: Florida Public Service Commission  
Sid Matlock

DOCUMENT NUMBER-DATE

08638 AUG 19 8

FPSC-COMMISSION CLERK

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

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

DOCUMENT NUMBER-DATE

08638 AUG 19 08

FPSC-COMMISSION CLERK

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						
1. EAF (%)	93.7	98.0	99.4	88.2	95.7	99.0	100.0						
2. PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0						
3. SH	342.8	672.0	738.4	482.7	405.7	712.8	744.0						
4. RSH	354.4	0.0	0.0	152.3	306.1	0.0	0.0						
5. UH	46.8	0.0	4.6	85.0	32.2	7.2	0.0						
6. POH	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						
8. MOH	46.8	0.0	0.0	80.5	32.2	0.0	0.0						
9. PFOH	1.1	39.5	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						
11. PMOH	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						
13. NSC (MW)	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						
15. Net Gen (MWH)	18249.0	38037.0	43702.0	27407.0	24469.0	39938.0	43172.0						
16. ANOHR (Btu/KWH)	10322.0	10630.0	11327.0	10474.0	10946.0	11070.0	11598.0						
17. NOF %	68.3	72.6	75.9	72.8	77.3	71.8	74.4						
18. NPC (MW)	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						
1.	EAF (%)	0.0	58.9	100.0	99.4	99.7	98.4	100.0						
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0						
3.	SH	0.0	438.1	490.0	677.9	714.1	205.8	528.4						
4.	RSH	0.0	0.0	253.0	42.1	28.0	502.4	215.6						
5.	UH	744.0	233.9	0.0	0.0	1.9	11.8	0.0						
6.	POH	744.0	156.6	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						
8.	MOH	0.0	0.0	0.0	0.0	0.0	6.0	0.0						
9.	PFOH	0.0	0.0	0.0	9.1	7.3	0.0	0.0						
10.	LR pf (MW)	0.0	0.0	0.0	131.9	14.0	0.0	0.0						
11.	PMOH	0.0	58.4	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						
13.	NSC (MW)	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						
15.	Net Gen (MWH)	0.0	69288.0	100643.0	115306.0	141688.0	40443.0	103512.0						
16.	ANOHR (Btu/KWH)	0.0	10934.0	11127.0	11433.0	11121.0	10890.0	10922.0						
17.	NOF %	0.0	52.4	68.0	56.3	65.7	65.1	64.9						
18.	NPC (MW)	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						
1.	EAF (%)	96.1	0.0	46.7	80.7	94.7	94.3	81.8						
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0						
3.	SH	602.1	0.0	401.0	346.2	736.8	720.0	608.7						
4.	RSH	117.9	0.0	0.0	262.6	0.0	0.0	0.0						
5.	UH	24.0	672.0	342.0	111.2	7.2	0.0	135.3						
6.	POH	24.0	672.0	315.5	0.0	0.0	0.0	0.0						
7.	FOH	0.0	0.0	2.8	0.0	0.0	0.0	135.3						
8.	MOH	0.0	0.0	23.7	111.2	7.2	0.0	0.0						
9.	PFOH	21.7	0.0	168.4	121.3	199.7	23.7	11.9						
10.	LR pf (MW)	81.2	0.0	152.1	107.2	60.3	19.1	13.9						
11.	PMOH	11.2	0.0	0.0	0.0	34.8	79.7	0.0						
12.	LR pm (MW)	65.0	0.0	0.0	0.0	96.0	238.4	0.0						
13.	NSC (MW)	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						
15.	Net Gen (MWH)	224958.0	0.0	126488.0	116302.0	273797.0	239364.0	227679.0						
16.	ANOHR (Bru/KWH)	10724.0	0.0	11347.0	11217.0	10836.0	11121.0	10818.0						
17.	NOF %	79.2	0.0	66.8	71.2	78.7	70.4	79.2						
18.	NPC (MW)	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 I	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	Jul '09						
1.	EAF (%)	100.0	100.0	100.0	40.0	63.4	96.6	100.0						
2.	PH	744.0	672.0	743	720.0	744.0	720.0	744.0						
3.	SH	744.0	142.8	266.2	0.0	489.8	437.4	744.0						
4.	RSH	0.0	529.2	476.8	288.0	0.0	258.1	0.0						
5.	UH	0.0	0.0	0.0	432.0	254.2	24.5	0.0						
6.	POH	0.0	0.0	0.0	432.0	211.8	0.0	0.0						
7.	FOH	0.0	0.0	0.0	0.0	42.4	24.5	0.0						
8.	MOH	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						
10.	LR pf (MW)	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						
12.	LR pm (MW)	0.0	0.0	0.0	0.0	72.0	0.0	0.0						
13.	NSC (MW)	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						
15.	Net Gen (MWH)	83280.0	18015.0	32731.0	0.0	57594.0	46244.0	87210.0						
16.	ANOHR (Btu/KWH)	10406.0	10416.0	10417.0	0.0	10569.0	10821.0	10812.0						
17.	NOF %	69.1	77.9	75.9	0.0	72.6	65.3	72.4						
18.	NPC (MW)	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						
1.	EAF (%)	99.3	99.0	100.0	80.2	84.6	99.5	91.0						
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0						
3.	SH	550.5	601.6	743.0	577.7	629.3	720.0	682.1						
4.	RSH	193.5	70.4	0.0	0.0	0.0	0.0	0.0						
5.	UH	0.0	0.0	0.0	142.3	114.7	0.0	61.9						
6.	POH	0.0	0.0	0.0	142.3	96.0	0.0	0.0						
7.	FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
8.	MOH	0.0	0.0	0.0	0.0	18.7	0.0	61.9						
9.	PFOH	14.3	16.2	0.0	0.0	0.2	0.3	58.6						
10.	LR pf (MW)	66.3	78.6	0.0	0.0	195.0	116.0	18.0						
11.	PMOH	0.0	0.0	0.0	0.0	0.0	7.0	0.0						
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	90.0	0.0						
13.	NSC (MW)	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						
15.	Net Gen (MWH)	78073.0	87294.0	106740.0	82129.0	88802.0	77475.0	81063.0						
16.	ANOHR (Btu/KWH)	10595.0	10265.0	10257.0	10354.0	10129.0	10647.0	10542.0						
17.	NOF %	72.7	74.4	73.7	72.9	72.4	55.2	60.9						
18.	NPC (MW)	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						
1.	EAF (%)	99.9	99.6	99.9	96.5	99.9	93.8	93.6						
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0						
3.	SH	541.9	244.1	135.9	683.0	744.0	717.5	744.0						
4.	RSH	202.1	425.2	607.1	37.0	0.0	0.0	0.0						
5.	UH	0.0	2.7	0.0	0.0	0.0	2.5	0.0						
6.	POH	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						
8.	MOH	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						
10.	LR pl (MW)	106.1	60.9	10.0	168.1	68.9	63.0	477.6						
11.	PMOH	0.0	0.0	0.0	174.8	0.0	717.5	744.0						
12.	LR pm (MW)	0.0	0.0	0.0	64.5	0.0	30.0	30.0						
13.	NSC (MW)	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						
15.	Net Gen (MWH)	136732.0	60603.0	50745.0	240656.0	278131.0	250577.0	266524.0						
16.	ANOHR (Btu/KWH)	11448.0	11404.0	10278.0	10574.0	10713.0	10647.0	10704.0						
17.	NOF %	49.5	48.7	73.2	69.1	73.3	68.5	70.2						
18.	NPC (MW)	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						
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1.	EAf (%)	99.4	99.0	100.0	96.1	10.1	97.5	91.8					
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2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0					
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3.	SH	551.8	387.4	140.7	688.9	75.1	720.0	700.3					
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4.	RSH	192.2	279.3	602.3	28.9	0.0	0.0	0.0					
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5.	UH	0.0	5.3	0.0	2.2	668.9	0.0	43.7					
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6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
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7.	FOH	0.0	5.3	0.0	2.2	0.0	0.0	0.0					
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8.	MOH	0.0	0.0	0.0	0.0	668.9	0.0	43.7					
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9.	PFOH	10.3	7.6	2.6	9.8	0.6	12.3	4.6					
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10.	LR pf (MW)	221.1	113.3	30.0	86.3	40.0	34.8	68.7					
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11.	PMOH	0.0	0.0	0.0	178.2	0.0	720.0	700.3					
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12.	LR pm (MW)	0.0	0.0	0.0	69.6	0.0	12.0	12.0					
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13.	NSC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0					
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14.	Oper MBtu	2141600.0	1466471.0	508733.0	2521701.0	232183.0	2804373.0	2644200.0					
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15.	Net Gen (MWH)	218294.0	136248.0	49638.0	235859.0	21617.0	269319.0	260182.0					
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16.	ANOHR (Btu/KWH)	9811.0	10763.0	10249.0	10692.0	10741.0	10413.0	10163.0					
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17.	NOF %	77.6	69.0	69.2	67.1	56.4	73.3	72.8					
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18.	NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0					
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19.	ANOHR Equation	10*6 / AKW * [ 1440.20 - 123.89 * MAR - 108.06 * MAY - 96.34 * SEP ] + 8,444											
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**ACTUAL UNIT OUTAGE DATA**

**GULF POWER COMPANY**

July, 2009

Crist 5

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
				No Events This Month

- \* 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

July, 2009

Crist 6

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
				No Events This Month

\* 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

July, 2009

Crist 7

DATE	OUTAGE TYPE *	HOURS	AFFECTED (MW)	DESCRIPTION
07/02	PFO	3.7	27.0	Induced Draft Fan Motor Problem
07/03	PFO	4.7	8.0	Induced Draft Fan Motor Problem
07/05	PFO	3.5	8.0	Induced Draft Fan Motor Problem
07/14	FFO	135.3	472.0	Generator Main Leads

\* 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

July, 2009

Daniel 1

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
07/01	PMO	744.0	30.0	Low Btu Coal
07/06	PFO	3.8	478.0	Low Btu Coal

\* 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

July, 2009

Daniel 2

DATE	OUTAGE TYPE *	HOURS	AFFECTED (MW)	DESCRIPTION
07/01	PMO	700.3	12.0	Low Btu Coal
07/15	PFO	2.7	23.0	Pulverizer Feeder Problem
07/16	PFO	1.9	133.0	Induced Draft Fan Problem
07/30	FMO	43.7	510.0	Boiler Tube Leak - Furnace Wall

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