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**GULF POWER**  
A SOUTHERN COMPANY  
DISTRIBUTION CENTER RECEIVED-PPSC  
FEB 22 AM 7:13  
COMMISSION CLERK

February 19, 2010

Ms. Ann Cole, Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee FL 32399-0850

100001-EI

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 January 2010, Retail Cost Recovery Charges for Plant Crist, Plant Smith, and Plant Daniel. These schedules are being sent separate from the monthly filing.

Sincerely,

COM \_\_\_\_\_  
APA \_\_\_\_\_  
ECR \_\_\_\_\_  
GCL \_\_\_\_\_  
RAD \_\_\_\_\_  
SSC \_\_\_\_\_  
ADM \_\_\_\_\_  
OPC \_\_\_\_\_  
CLK \_\_\_\_\_

*Susan D. Ritenour (lw)*

\_\_\_\_\_ mr  
\_\_\_\_\_ Enclosures

cc w/attachment: Florida Public Service Commission  
Sid Matlock

DOCUMENT NUMBER-DATE  
01136 FEB 22 2010  
FPSC-COMMISSION CLERK

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

	CRIST 4	Jan '10												
1.	EAF (%)	100.0												
2.	PH	744.0												
3.	SH	744.0												
4.	RSH	0.0												
5.	UH	0.0												
6.	POH	0.0												
7.	FOH	0.0												
8.	MOH	0.0												
9.	PFOH	0.0												
10.	LR pf (MW)	0.0												
11.	PMOH	0.0												
12.	LR pm (MW)	0.0												
13.	NSC (MW)	75.0												
14.	Oper MBtu	521640.0												
15.	Net Gen (MWH)	46518.0												
16.	ANOHR (Btu/KWH)	11214.0												
17.	NOF %	83.4												
18.	NPC (MW)	75.0												
19.	ANOHR Equation	$10^6 / AKW * [ 1360.90 - 26.57 * JAN - 25.71 * FEB - 43.72 * APR - 33.69 * MAY + 17.95 * AUG - 17.31 * NOV ]$ $-35180 + 0.37811 * LSRF / AKW$												

DOCUMENT NUMBER-DATE

01136 FEB 22 09

FPSC-COMMISSION CLERK

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

	CRIST 5	Jan '10												
1.	EAF (%)	100.0												
2.	PH	744.0												
3.	SH	744.0												
4.	RSH	0.0												
5.	UH	0.0												
6.	POH	0.0												
7.	FOH	0.0												
8.	MOH	0.0												
9.	PFOH	1.3												
10.	LR pf (MW)	15.0												
11.	PMOH	0.0												
12.	LR pm (MW)	0.0												
13.	NSC (MW)	75.0												
14.	Oper MBtu	510627.0												
15.	Net Gen (MWH)	45417.0												
16.	ANOHR (Btu/KWH)	11243.0												
17.	NOF %	81.4												
18.	NPC (MW)	75.0												
19.	ANOHR Equation	$10^6 / AKW * [ 68.22 + 26.89 * MAR + 21.84 * MAY + 29.87 * JUN + 31.73 * JUL + 49.76 * AUG + 33.72 * SEP + 15.55 * OCT ]$ + 9,414												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

	CRIST 6	Jan '10																		
1.	EAF (%)	100.0																		
2.	PH	744.0																		
3.	SH	744.0																		
4.	RSH	0.0																		
5.	UH	0.0																		
6.	POH	0.0																		
7.	FOH	0.0																		
8.	MOH	0.0																		
9.	PFOH	0.0																		
10.	LR pf (MW)	0.0																		
11.	PM(%)	0.0																		
12.	LR pm (MW)	0.0																		
13.	NSC (MW)	291.0																		
14.	Oper MBtu	1666272.0																		
15.	Net Gen (MWH)	152252.0																		
16.	ANOHR (Btu/KWH)	10944.0																		
17.	NOF %	70.3																		
18.	NPC (MW)	291.0																		
19.	ANOHR Equation	$10^6 / AKW * [ 296.07 - 47.17 * FEB - 87.78 * NOV ]$ $+ 9,538$																		

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

	CRIST 7	Jan '10																	
1.	EAF (%)	85.0																	
2.	PH	744.0																	
3.	SH	708.7																	
4.	RSH	0.0																	
5.	UH	35.3																	
6.	POH	0.0																	
7.	FOH	35.3																	
8.	MOH	0.0																	
9.	PFOH	169.4																	
10.	LR pf (MW)	209.2																	
11.	PMOH	0.0																	
12.	LR pm (MW)	0.0																	
13.	NSC (MW)	465.0																	
14.	Oper MBtu	2677872.0																	
15.	Net Gen (MWH)	250317.0																	
16.	ANOHR (Btu/KWH)	10698.0																	
17.	NOF %	76.0																	
18.	NPC (MW)	465.0																	
19.	ANOHR Equation	$10^6 / AKW * [ 173.73 + 162.82 * MAR + 163.38 * APR + 110.30 * MAY + 180.34 * JUN + 70.53 * JUL + 158.99 * AUG + 84.09 * SEP ]$ + 10,050																	

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

	SMITH 1	Jan '10																		
1.	EAF (%)	97.9																		
2.	PH	744.0																		
3.	SH	744.0																		
4.	RSH	0.0																		
5.	UH	0.0																		
6.	POH	0.0																		
7.	FOH	0.0																		
8.	MOH	0.0																		
9.	PFOH	28.6																		
10.	LR pf (MW)	87.3																		
11.	PMOH	0.0																		
12.	LR pm (MW)	0.0																		
13.	NSC (MW)	162.0																		
14.	Oper MBtu	996634.0																		
15.	Net Gen (MWH)	94090.0																		
16.	ANOHR (Btu/KWH)	10592.0																		
17.	NOF %	78.1																		
18.	NPC (MW)	162.0																		
19.	ANOHR Equation	$10^6 / AKW * [ 687.91 - 14.60 * MAY + 14.79 * JUL - 15.35 * SEP - 8.29 * OCT ]$ $+ 84 + 0.03669 * LSRF / AKW$																		

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

	SMITH 2	Jan '10																	
1.	EAF (%)	100.0																	
2.	PH	744.0																	
3.	SH	744.0																	
4.	RSH	0.0																	
5.	UH	0.0																	
6.	POH	0.0																	
7.	FOH	0.0																	
8.	MOH	0.0																	
9.	PFOH	0.0																	
10.	LR pf (MW)	0.0																	
11.	PMOH	0.0																	
12.	LR pm (MW)	0.0																	
13.	NSC (MW)	195.0																	
14.	Oper MBtu	1144923.0																	
15.	Net Gen (MWH)	107900.0																	
16.	ANOHR (Btu/KWH)	10611.0																	
17.	NOF %	74.4																	
18.	NPC (MW)	195.0																	
19.	ANOHR Equation	$10^6 / AKW * [ 104.09 + 19.47 * JAN + 30.73 * JUN + 21.41 * JUL + 14.11 * AUG ]$ $+ 9.055 + 0.00351 * LSRF / AKW$																	

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

	DANIEL 1	Jan '10																	
1.	EAF (%)	95.7																	
2.	PH	744.0																	
3.	SH	720.1																	
4.	RSH	0.0																	
5.	UH	23.9																	
6.	POH	0.0																	
7.	FOH	0.0																	
8.	MOH	23.9																	
9.	PFOH	27.8																	
10.	LR pf (MW)	134.6																	
11.	PMOH	2.0																	
12.	LR pm (MW)	155.0																	
13.	NSC (MW)	510.0																	
14.	Oper MBtu	2730266.0																	
15.	Net Gen (MWH)	256697.0																	
16.	ANOHR (Btu/KWH)	10636.0																	
17.	NOF %	69.9																	
18.	NPC (MW)	510.0																	
19.	ANOHR Equation	$10^6 / AKW * [ 1634.36 + 42.82 * JAN + 46.68 * MAY ]$ $+ 2,345 + 0.00898 * LSRF / AKW$																	



ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

	DANIEL 2	Jan '10												
1.	EAF (%)	99.6												
2.	PH	744.0												
3.	SH	744.0												
4.	RSH	0.0												
5.	UH	0.0												
6.	POH	0.0												
7.	FOH	0.0												
8.	MOH	0.0												
9.	PFOH	22.3												
10.	LR pf (MW)	62.0												
11.	PMOH	0.0												
12.	LR pm (MW)	0.0												
13.	NSC (MW)	510.0												
14.	Oper MBtu	2755224.0												
15.	Net Gen (MWH)	267470.0												
16.	ANOHR (Btu/KWH)	10301.0												
17.	NOF %	70.5												
18.	NPC (MW)	510.0												
19.	ANOHR Equation	$10^6 / AKW * [ 1662.56 - 88.78 * JAN - 74.02 * FEB - 93.64 * MAR + 51.38 * AUG + 58.75 * SEP ]$ $+ 2.870 + 0.00738 * LSRF / AKW$												

















