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

11 FEB 18 AM 11:23

GULF POWER
A SOUTHERN COMPANY

February 17, 2011

110001-EI

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. 100001-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 January 2011, 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

vm

Enclosures

cc w/attachment: Florida Public Service Commission
Sid Matlock
Michael C. Barrett

COM	
APA	1
ECR	7
GCL	1
RAD	1
SSC	
ADM	
OPC	
CLK	

DOCUMENT NUMBER-DATE
01129 FEB 18 =
FPSC-COMMISSION CLERK

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2011 - December 2011

	CRIST 4	Jan '11												
1.	EAF (%)	0.0												
2.	PH	744												
3.	SH	0.0												
4.	RSH	0.0												
5.	UH	744.0												
6.	POH	744.0												
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												
14.	Oper MBtu	0.0												
15.	Net Gen (MWH)	0.0												
16.	ANOHR (Btu/KWH)	0.0												
17.	NOF %	0.0												
18.	NPC (MW)	75												

19.	ANOHR Equation	10^6 / AKW * [568.08 + 20.32 * MAR - 32.89 * APR - 30.60 * MAY + 39.21 * JUL + 19.97 * AUG + 19.18 * SEP + 14.84 * OCT] -6606 + 0.12936 * LSRF / AKW

DOCUMENT NUMBER-DATE
01129 FEB 18 =
FPSC-COMMISSION CLERK

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2011 - December 2011

	CRIST 5	Jan '11												
1.	EAF (%)	99.1												
2.	PH	744												
3.	SH	649.1												
4.	RSH	94.9												
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	18.9												
12.	LR pm (MW)	26.0												
13.	NSC (MW)	75												
14.	Oper MBtu	457359.0												
15.	Net Gen (MWH)	42831.0												
16.	ANOHR (Btu/KWH)	10678.0												
17.	NOF %	88.0												
18.	NPC (MW)	75												

19.	ANOHR Equation	10^6 / AKW * [117.46 - 18.06 * APR + 15.73 * JUN + 20.50 * JUL + 24.06 * AUG + 13.06 * SEP - 14.89 * NOV] + 8,947

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2011 - December 2011

	CRIST 6	Jan '11												
1.	EAF (%)	99.6												
2.	PH	744												
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	7.6												
10.	LR pf (MW)	106.0												
11.	PMOH	0.0												
12.	LR pm (MW)	0.0												
13.	NSC (MW)	291												
14.	Oper MBtu	1791087.0												
15.	Net Gen (MWH)	163709.0												
16.	ANOHR (Btu/KWH)	10941.0												
17.	NOF %	75.6												
18.	NPC (MW)	291												
19.	ANOHR Equation	10^6 / AKW * [768.86 + 57.27 * AUG + 47.68 * SEP + 90.47 * OCT - 72.87 * NOV] + 4,448 + 0.01249 * LSRF / AKW												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2011 - December 2011

	CRIST 7	Jan '11												
1.	EAF (%)	22.1												
2.	PH	744												
3.	SH	133.0												
4.	RSH	35.0												
5.	UH	576.0												
6.	POH	576.0												
7.	FOH	0.0												
8.	MOH	0.0												
9.	PFOH	0.0												
10.	LR pf (MW)	0.0												
11.	PMOH	168.0												
12.	LR pm (MW)	10.0												
13.	NSC (MW)	465												
14.	Oper MBtu	514150.0												
15.	Net Gen (MWH)	48939.0												
16.	ANOHR (Btu/KWH)	10506.0												
17.	NOF %	79.1												
18.	NPC (MW)	465												

19.	ANOHR Equation	10^6 / AKW * [1828.93 - 91.88 * JAN + 107.46 * AUG] + 766 + 0.01270 * LSRF / AKW

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2011 - December 2011

	SMITH 1	Jan '11												
1.	EAF (%)	87.8												
2.	PH	744												
3.	SH	406.9												
4.	RSH	247.8												
5.	UH	89.3												
6.	POH	0.0												
7.	FOH	0.0												
8.	MOH	89.3												
9.	PFOH	0.8												
10.	LR pf (MW)	32.0												
11.	PMOH	6.5												
12.	LR pm (MW)	32.0												
13.	NSC (MW)	162												
14.	Oper MBtu	593890.0												
15.	Net Gen (MWH)	56759.0												
16.	ANOHR (Btu/KWH)	10463.0												
17.	NOF %	86.1												
18.	NPC (MW)	162												
19.	ANOHR Equation	10^6 / AKW * [315.77 + 10.78 * JAN + 17.46 * FEB + 20.23 * JUN + 24.30 * JUL + 14.18 * AUG] + 6.339 + 0.01143 * LSRF / AKW												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2011 - December 2011

	SMITH 2	Jan '11												
1.	EAF (%)	99.8												
2.	PH	744												
3.	SH	532.5												
4.	RSH	211.6												
5.	UH	0.0												
6.	POH	0.0												
7.	FOH	0.0												
8.	MOH	0.0												
9.	PFOH	3.8												
10.	LR pf (MW)	92.3												
11.	PMOH	0.0												
12.	LR pm (MW)	0.0												
13.	NSC (MW)	195												
14.	Oper MBtu	831768.0												
15.	Net Gen (MWH)	79219.0												
16.	ANOHR (Btu/KWH)	10500.0												
17.	NOF %	76.3												
18.	NPC (MW)	195												
19.	ANOHR Equation	10^6 / AKW * [153.01 + 21.03 * JAN + 24.53 * JUN - 23.25 * OCT - 18.59 * NOV] + 8,464 + 0.00563 * LSRF / AKW												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2011 - December 2011

	DANIEL 1	Jan '11												
1.	EAF (%)	85.0												
2.	PH	744												
3.	SH	695.2												
4.	RSH	0.0												
5.	UH	48.8												
6.	POH	0.0												
7.	FOH	0.0												
8.	MOH	48.8												
9.	PFOH	157.7												
10.	LR pf (MW)	203.9												
11.	PMOH	0.0												
12.	LR pm (MW)	0.0												
13.	NSC (MW)	510												
14.	Oper MBtu	2737049.0												
15.	Net Gen (MWH)	271179.0												
16.	ANOHR (Btu/KWH)	10093.0												
17.	NOF %	76.5												
18.	NPC (MW)	510												
19.	ANOHR Equation	10^6 / AKW * [1162.32 + 71.73 * JAN + 69.88 * JUL] + 4.870 + 0.00577 * LSRF / AKW												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2011 - December 2011

	DANIEL 2	Jan '11												
1.	EAF (%)	0.0												
2.	PH	744												
3.	SH	0.0												
4.	RSH	0.0												
5.	UH	744.0												
6.	POH	744.0												
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)	510												
14.	Oper MBtu	0.0												
15.	Net Gen (MWH)	0.0												
16.	ANOHR (Btu/KWH)	0.0												
17.	NOF %	0.0												
18.	NPC (MW)	510												
19.	ANOHR Equation	10^6 / AKW * { -184.42 - 82.46 * JAN - 47.27 * FEB + 60.25 * MAY - 41.09 * OCT } + 13,823 - 0.00726 * LSRF / AKW												

ACTUAL UNIT OUTAGE DATA

GULF POWER COMPANY

January, 2011

Crist 4

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
1/1/2011	PO	744.0	75.0	Main Turbine Lube Oil Pump repairs

* 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
January, 2011
Crist 5

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
1/23/2011	PMO	18.9	26.0	Condenser Tube Leaks

* 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

January, 2011

Crist 6

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
1/23/2011	PFO	7.6	106.0	Gas Burner Piping Leak

* 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

January, 2011

Crist 7

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
1/1/2011	PMO	168.0	10.0	Circulating Water Pump out of service
1/8/2011	PO	576.0	465.0	Major boiler overhaul

* 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

January, 2011

Smith 1

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
01/05/2011	PMO	2.0	32.0	Pulverizer Coal Leak
01/07/2011	PMO	4.5	32.0	Pulverizer Inspection
01/08/2011	PFO	0.8	32.0	Foreign Object in Pulverizer
01/21/2011	FMO	89.3	162.0	Air Heater Wash

* 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

January, 2011

Smith 2

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
1/21/2011	PFO	3.3	100.0	ID fan beaing
1/25/2011	PFO	0.5	45.0	Pulverizer Coal Leak

* 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

January, 2011

Daniel 1

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
01/02/2011	PFO	0.3	60.0	Pulverizer Feeder Control
01/03/2011	PFO	17.2	105.0	Puverizer Fire
01/04/2011	PFO	0.9	85.0	Pulverizer Inspection
01/04/2011	PFO	3.5	35.0	Pulverizer Broken Spring
01/06/2011	PFO	7.0	35.0	Pulverizer Seal Air
01/07/2011	FMO	48.8	510.0	Waterwall Leak
01/11/2011	PFO	0.7	70.0	Pulverizer Feeder foreign object
01/12/2011	PFO	0.7	55.0	Pulverizer Feeder foreign object
01/13/2011	PFO	1.1	95.0	Pulverizer Feeder foreign object
01/21/2011	PFO	126.4	235.0	FD fan bearing

* 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

January, 2011

Daniel 2

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
01/01/2011	PO	744.0	510.0	Major Turbine Overhaul

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