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

GULF POWER
A SOUTHERN COMPANY

August 17, 2010

RECEIVED-FPSC
10 AUG 18 PM 3:56
COMMISSION
CLERK

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 through July 2010, 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)

vm

Enclosures

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

COM ___
APA 1
ECR 6
GCL 2
RAD 1
SSC ___
ADM ___
OPC ___
CLK ___

DOCUMENT NUMBER-DATE
06857 AUG 18 10
FPSC-COMMISSION CLERK

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

	CRIST 4	Jan '10	Feb '10	Mar '10	Apr '10	May '10	Jun '10	Jul '10						
1.	EAF (%)	100.0	100.0	99.8	100.0	100.0	92.1	100.0						
2.	PH	744	672	743	720	744	720	744						
3.	SH	744.0	533.4	218.8	149.1	0.0	451.5	744.0						
4.	RSH	0.0	138.6	524.2	570.9	744.0	219.9	0.0						
5.	UH	0.0	0.0	0.0	0.0	0.0	48.6	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	0.0	48.6	0.0						
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
9.	PFOH	0.0	0.0	4.8	0.0	0.0	4.5	0.0						
10.	LR pf (MW)	0.0	0.0	20.0	0.0	0.0	15.0	0.0						
11.	PMOH	0.0	0.0	0.0	0.0	0.0	18.8	0.0						
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	30.0	0.0						
13.	NSC (MW)	75	75	75	75	75	75	75						
14.	Oper MBtu	521640.0	349400.0	127174.0	82703.0	0.0	341422.0	491976.0						
15.	Net Gen (MWH)	46518.0	30015.0	10990.0	7496.0	0.0	26493.0	42273.0						
16.	ANOHR (Btu/KWH)	11214.0	11641.0	11572.0	11033.0	0.0	12887.0	11638.0						
17.	NOF %	83.4	75.0	67.0	67.0	0.0	78.2	75.8						
18.	NPC (MW)	75	75	75	75	75	75	75						

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
06857 AUG 18 10
FPSC-COMMISSION CLERK

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

	CRIST 5	Jan '10	Feb '10	Mar '10	Apr '10	May '10	Jun '10	Jul '10						
1.	EAF (%)	100.0	99.9	100.0	100.0	100.0	98.7	97.8						
2.	PH	744	672	743	720	744	720	744						
3.	SH	744.0	672.0	743.0	720.0	744.0	720.0	744.0						
4.	RSH	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	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	0.0	0.0	0.0						
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
9.	PFOH	1.3	0.6	0.0	0.0	0.0	15.1	0.0						
10.	LR pf (MW)	15.0	50.0	0.0	0.0	0.0	25.5	0.0						
11.	PMOH	0.0	0.0	0.0	0.0	0.0	10.6	37.5						
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	30.0	32.8						
13.	NSC (MW)	75	75	75	75	75	75	75						
14.	Oper MBtu	510627.0	437384.0	433460.0	380116.0	472548.0	490858.0	497332.0						
15.	Net Gen (MWH)	45417.0	38776.0	39631.0	33013.0	41974.0	43569.0	43611.0						
16.	ANOHR (Btu/KWH)	11243.0	11280.0	10937.0	11514.0	11258.0	11266.0	11404.0						
17.	NOF %	81.4	76.9	71.1	61.1	75.2	80.7	78.2						
18.	NPC (MW)	75	75	75	75	75	75	75						

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	Feb '10	Mar '10	Apr '10	May '10	Jun '10	Jul '10						
1.	EAF (%)	100.0	95.0	100.0	100.0	95.2	79.4	96.2						
2.	PH	744	672	743	720	744	720	744						
3.	SH	744.0	566.3	214.1	284.5	708.2	574.8	716.1						
4.	RSH	0.0	73.7	528.9	435.5	0.0	0.0	0.0						
5.	UH	0.0	32.0	0.0	0.0	35.8	145.2	27.9						
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	35.8	95.0	14.4						
8.	MOH	0.0	32.0	0.0	0.0	0.0	50.2	13.5						
9.	PFOH	0.0	1.9	0.0	0.0	0.0	3.5	20.4						
10.	LR pf (MW)	0.0	266.0	0.0	0.0	0.0	51.0	10.0						
11.	PMOH	0.0	0.0	0.0	0.0	0.0	3.3	0.0						
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	191.0	0.0						
13.	NSC (MW)	291	291	291	291	291	291	291						
14.	Oper MBtu	1666272.0	1212518.0	440197.0	493158.0	1560739.0	1436507.0	1892343.0						
15.	Net Gen (MWH)	152252.0	106646.0	39225.0	43023.0	135083.0	127159.0	161308.0						
16.	ANOHR (Btu/KWH)	10944.0	11370.0	11222.0	11463.0	11554.0	11297.0	11731.0						
17.	NOF %	70.3	64.7	63.0	52.0	65.5	76.0	77.4						
18.	NPC (MW)	291	291	291	291	291	291	291						

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	Feb '10	Mar '10	Apr '10	May '10	Jun '10	Jul '10						
1.	EAF (%)	85.0	100.0	99.1	83.7	96.0	99.4	73.6						
2.	PH	744	672	743	720	744	720	744						
3.	SH	708.7	672.0	743.0	621.7	744.0	720.0	720.4						
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
5.	UH	35.3	0.0	0.0	98.3	0.0	0.0	23.6						
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
7.	FOH	35.3	0.0	0.0	0.0	0.0	0.0	23.6						
8.	MOH	0.0	0.0	0.0	98.3	0.0	0.0	0.0						
9.	PFOH	169.4	0.0	16.9	65.4	73.7	11.4	411.8						
10.	LR pf (MW)	209.2	0.0	152.7	137.0	164.5	175.0	195.0						
11.	PMOH	0.0	0.0	2.5	0.0	10.1	0.0	0.0						
12.	LR pm (MW)	0.0	0.0	185.0	0.0	175.0	0.0	0.0						
13.	NSC (MW)	465	465	465	465	465	465	465						
14.	Oper MBtu	2677872.0	2494523.0	2380779.0	1993199.0	2738536.0	2749348.0	2664486.0						
15.	Net Gen (MWH)	250317.0	242776.0	224450.0	188323.0	258087.0	276634.0	248772.0						
16.	ANOHR (Btu/KWH)	10698.0	10275.0	10607.0	10584.0	10611.0	9939.0	10711.0						
17.	NOF %	76.0	77.7	65.0	65.1	74.6	82.6	74.3						
18.	NPC (MW)	465	465	465	465	465	465	465						

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	Feb '10	Mar '10	Apr '10	May '10	Jun '10	Jul '10						
1.	EAF (%)	97.9	99.7	99.9	59.3	100.0	99.6	99.4						
2.	PH	744	672	743	720	744	720	744						
3.	SH	744.0	672.0	743.0	426.9	744.0	720.0	741.1						
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
5.	UH	0.0	0.0	0.0	293.1	0.0	0.0	2.9						
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
7.	FOH	0.0	0.0	0.0	18.6	0.0	0.0	2.9						
8.	MOH	0.0	0.0	0.0	274.5	0.0	0.0	0.0						
9.	PFOH	28.6	18.2	0.6	0.0	0.3	0.6	0.8						
10.	LR pf (MW)	87.3	16.0	163.0	0.0	161.9	28.0	61.7						
11.	PMOH	0.0	0.0	0.0	0.0	0.0	14.8	4.1						
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	28.0	44.1						
13.	NSC (MW)	162	162	162	162	162	162	162						
14.	Oper MBtu	996634.0	874274.0	785457.0	420580.0	648766.0	886111.0	984944.0						
15.	Net Gen (MWH)	94090.0	82163.0	73148.0	38998.0	58561.0	82454.0	92958.0						
16.	ANOHR (Btu/KWH)	10592.0	10641.0	10738.0	10785.0	11078.0	10747.0	10596.0						
17.	NOF %	78.1	75.5	60.8	56.4	48.6	70.7	77.4						
18.	NPC (MW)	162	162	162	162	162	162	162						

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	Feb '10	Mar '10	Apr '10	May '10	Jun '10	Jul '10						
1.	EAF (%)	100.0	99.7	93.5	77.4	100.0	99.7	99.9						
2.	PH	744	672	743	720	744	720	744						
3.	SH	744.0	672.0	455.2	419.0	744.0	720.0	744.0						
4.	RSH	0.0	0.0	239.8	138.2	0.0	0.0	0.0						
5.	UH	0.0	0.0	48.0	162.8	0.0	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	0.0	0.0	0.0						
8.	MOH	0.0	0.0	48.0	162.8	0.0	0.0	0.0						
9.	PFOH	0.0	12.7	53.3	0.6	0.0	0.0	0.3						
10.	LR pf (MW)	0.0	23.5	0.0	35.0	0.0	0.0	190.0						
11.	PMOH	0.0	3.0	0.0	0.0	0.0	2.9	2.0						
12.	LR pm (MW)	0.0	30.0	0.0	0.0	0.0	125.0	65.7						
13.	NSC (MW)	195	195	195	195	195	195	195						
14.	Oper MBtu	1144923.0	963384.0	589034.0	395158.0	1162276.0	1117457.0	1133898.0						
15.	Net Gen (MWH)	107900.0	93041.0	55953.0	36176.0	110547.0	105168.0	106566.0						
16.	ANOHR (Btu/KWH)	10611.0	10354.0	10527.0	10923.0	10514.0	10625.0	10640.0						
17.	NOF %	74.4	71.0	63.0	44.3	76.2	74.9	73.5						
18.	NPC (MW)	195	195	195	195	195	195	195						

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	Feb '10	Mar '10	Apr '10	May '10	Jun '10	Jul '10						
1.	EAF (%)	95.7	74.7	0.0	27.2	99.2	99.9	99.1						
2.	PH	744	672	743	720	744	720	744						
3.	SH	720.1	452.8	0.0	142.7	744.0	720.0	741.5						
4.	RSH	0.0	51.2	0.0	55.6	0.0	0.0	0.0						
5.	UH	23.9	168.0	743.0	521.7	0.0	0.0	2.5						
6.	POH	0.0	168.0	743.0	402.7	0.0	0.0	0.0						
7.	FOH	0.0	0.0	0.0	119.0	0.0	0.0	2.5						
8.	MOH	23.9	0.0	0.0	0.0	0.0	0.0	0.0						
9.	PFOH	27.8	8.3	0.0	0.0	0.0	11.6	1.8						
10.	LR pf (MW)	134.6	57.6	0.0	0.0	0.0	24.7	56.3						
11.	PMOH	2.0	6.0	0.0	10.9	10.7	0.0	9.2						
12.	LR pm (MW)	155.0	102.0	0.0	130.0	289.1	0.0	219.6						
13.	NSC (MW)	510	510	510	510	510	510	510						
14.	Oper MBtu	2730266.0	1108131.0	0.0	473304.0	2576159.0	2777111.0	2868163.0						
15.	Net Gen (MWH)	256697.0	100628.0	0.0	41348.0	259223.0	273640.0	283441.0						
16.	ANOHR (Btu/KWH)	10636.0	11012.0	0.0	11447.0	9938.0	10149.0	10119.0						
17.	NOF %	69.9	43.6	0.0	56.8	68.3	74.5	75.0						
18.	NPC (MW)	510	510	510	510	510	510	510						

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	Feb '10	Mar '10	Apr '10	May '10	Jun '10	Jul '10						
1.	EAF (%)	99.6	91.8	53.7	93.4	97.3	92.0	100.0						
2.	PH	744	672	743	720	744	720	744						
3.	SH	744.0	622.4	399.2	646.0	687.8	668.9	744.0						
4.	RSH	0.0	0.0	0.0	29.4	56.2	0.0	0.0						
5.	UH	0.0	49.6	343.8	44.6	0.0	51.1	0.0						
6.	POH	0.0	49.6	343.8	0.0	0.0	0.0	0.0						
7.	FOH	0.0	0.0	0.0	0.0	0.0	3.8	0.0						
8.	MOH	0.0	0.0	0.0	44.6	0.0	47.3	0.0						
9.	PFOH	22.3	20.9	3.8	8.8	91.4	17.0	0.7						
10.	LR pf (MW)	62.0	128.3	50.0	48.9	104.6	88.8	109.6						
11.	PMOH	0.0	0.0	0.0	2.9	1.2	6.0	0.0						
12.	LR pm (MW)	0.0	0.0	0.0	350.0	507.6	330.0	0.0						
13.	NSC (MW)	510	510	510	510	510	510	510						
14.	Oper MBtu	2755224.0	1505154.0	952300.0	1485750.0	2600984.0	2582790.0	2887221.0						
15.	Net Gen (MWH)	267470.0	140250.0	84433.0	133749.0	249973.0	252166.0	280428.0						
16.	ANOHR (Btu/KWH)	10301.0	10732.0	11279.0	11108.0	10405.0	10242.0	10296.0						
17.	NOF %	70.5	44.2	41.5	40.6	71.3	73.9	73.9						
18.	NPC (MW)	510	510	510	510	510	510	510						

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

ACTUAL UNIT OUTAGE DATA

GULF POWER COMPANY

July, 2010

Crist 4

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, 2010

Crist 5

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
07/11	PMO	7.0	30.0	Condenser Tube Leaks
07/15	PMO	9.6	30.0	Condenser Tube Leaks
07/18	PMO	16.4	35.0	Condenser Tube Leaks
07/19	PMO	4.6	35.0	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

July, 2010

Crist 6

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
07/09	FFO	14.4	291.0	Boiler Tube Leak - Superheater
07/10	FMO	13.5	291.0	Boiler Tube Leak - Superheater
07/30	PFO	6.1	10.0	Induced Draft Fan Problem
07/31	PFO	14.3	10.0	Induced Draft Fan Problem

* 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, 2010

Crist 7

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
07/11	FFO	23.6	465.0	Circulating Water Pump Problem
07/12	PFO	411.8	195.0	Circulating Water Pump Problem

* 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, 2010
Smith 1

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
07/11	FFO	1.0	162.0	Operator Error
07/20	PFO	0.1	157.0	Maintenance Error
07/20	FFO	2.0	162.0	Turbine Controls
07/20	PFO	0.7	47.0	Pulverizer Fuel And Air Piping
07/28	PMO	2.7	32.0	Pulverizer Feeder Problem
07/29	PMO	1.4	67.0	Pulverizer Inspection

* 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, 2010

Smith 2

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
07/12	PFO	0.3	195.0	Induced Draft Fan Speed ChangerProblem
07/13	PMO	0.6	105.0	Induced Draft Fan Problem
07/29	PMO	1.4	50.0	Pulverizer Inspection

* 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, 2010

Daniel 1

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
07/12	PFO	0.7	25.0	Wet Coal Problem
07/14	PMO	2.7	170.0	Feedwater Pump Drive Controls
07/20	PMO	6.5	240.0	Forced Draft Fan Problem
07/20	FFO	2.5	510.0	Induced Draft Fan Controls
07/27	PFO	1.1	75.0	Pulverizer Feeder Problem

* 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, 2010

Daniel 2

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
07/22	PFO	0.3	95.0	Boiler Control System Problem
07/24	PFO	0.3	125.0	High Pressure Heater Problems

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