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GULF POWER
A SOUTHERN COMPANY

DISTRIBUTION CENTER
10 MAR 16 AM 7:11

March 15, 2010

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

RECEIVED-FPSC
10 MAR 16 AM 11:12
COMMISSION
CLERK

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 February 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

COM _____
APA 2
ECR 1
GCL 1
RAD 1
SSC _____
ADM _____
OPC _____
CLK _____

mr

Enclosures

cc w/attachment: Florida Public Service Commission
Sid Matlock

DOCUMENT NUMBER-DATE

01821 MAR 16 e

FPSC-COMMISSION CLERK

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

	CRIST 4	Jan '10	Feb '10											
1.	EAF (%)	100.0	100.0											
2.	PH	744.0	672.0											
3.	SH	744.0	533.4											
4.	RSH	0.0	138.6											
5.	UH	0.0	0.0											
6.	POH	0.0	0.0											
7.	FOH	0.0	0.0											
8.	MOH	0.0	0.0											
9.	PFOH	0.0	0.0											
10.	LR pf (MW)	0.0	0.0											
11.	PMOH	0.0	0.0											
12.	LR pm (MW)	0.0	0.0											
13.	NSC (MW)	75.0	75.0											
14.	Oper MBtu	521640.0	346896.0											
15.	Net Gen (MWH)	46518.0	30015.0											
16.	ANOHR (Btu/KWH)	11214.0	11557.0											
17.	NOF %	83.4	75.0											
18.	NPC (MW)	75.0	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
 01821 MAR 16 2010
 SUBMISSION CLERK

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

CRIST 5	Jan '10	Feb '10												
1. EAF (%)	100.0	99.9												
2. PH	744.0	672.0												
3. SH	744.0	672.0												
4. RSH	0.0	0.0												
5. UH	0.0	0.0												
6. POH	0.0	0.0												
7. FOH	0.0	0.0												
8. MOH	0.0	0.0												
9. PFOH	1.3	0.6												
10. LR pf (MW)	15.0	50.0												
11. PMOH	0.0	0.0												
12. LR pm (MW)	0.0	0.0												
13. NSC (MW)	75.0	75.0												
14. Oper MBtu	510627.0	435175.0												
15. Net Gen (MWH)	45417.0	38776.0												
16. ANOHR (Btu/KWH)	11243.0	11223.0												
17. NOF %	81.4	76.9												
18. NPC (MW)	75.0	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	Feb '10										
1.	EAF (%)	100.0	95.0										
2.	PH	744.0	672.0										
3.	SH	744.0	566.3										
4.	RSH	0.0	73.7										
5.	UH	0.0	32.0										
6.	POH	0.0	0.0										
7.	FOH	0.0	0.0										
8.	MOH	0.0	32.0										
9.	PFOH	0.0	1.9										
10.	LR pf (MW)	0.0	266.0										
11.	PMOH	0.0	0.0										
12.	LR pm (MW)	0.0	0.0										
13.	NSC (MW)	291.0	291.0										
14.	Oper MBtu	1666272.0	1203609.0										
15.	Net Gen (MWH)	152252.0	106646.0										
16.	ANOHR (Btu/KWH)	10944.0	11286.0										
17.	NOF %	70.3	64.7										
18.	NPC (MW)	291.0	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	Feb '10											
1.	EAF (%)	85.0	100.0											
2.	PH	744.0	672.0											
3.	SH	708.7	672.0											
4.	RSH	0.0	0.0											
5.	UH	35.3	0.0											
6.	POH	0.0	0.0											
7.	FOH	35.3	0.0											
8.	MOH	0.0	0.0											
9.	PFOH	169.4	0.0											
10.	LR pf (MW)	209.2	0.0											
11.	PMOH	0.0	0.0											
12.	LR pm (MW)	0.0	0.0											
13.	NSC (MW)	465.0	465.0											
14.	Oper MBtu	2677872.0	2480605.0											
15.	Net Gen (MWH)	250317.0	242776.0											
16.	ANOHR (Btu/KWH)	10698.0	10218.0											
17.	NOF %	76.0	77.7											
18.	NPC (MW)	465.0	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	Feb '10											
1.	EAF (%)	97.9	99.7											
2.	PH	744.0	672.0											
3.	SH	744.0	672.0											
4.	RSH	0.0	0.0											
5.	UH	0.0	0.0											
6.	POH	0.0	0.0											
7.	FOH	0.0	0.0											
8.	MOH	0.0	0.0											
9.	PFOH	28.6	18.2											
10.	LR pf (MW)	87.3	16.0											
11.	PMOH	0.0	0.0											
12.	LR pm (MW)	0.0	0.0											
13.	NSC (MW)	162.0	162.0											
14.	Oper MBtu	996634.0	874274.0											
15.	Net Gen (MWH)	94090.0	82163.0											
16.	ANOHR (Btu/KWH)	10592.0	10641.0											
17.	NOF %	78.1	75.5											
18.	NPC (MW)	162.0	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	Feb '10										
1.	EAF (%)	100.0	99.7										
2.	PH	744.0	672.0										
3.	SH	744.0	672.0										
4.	RSH	0.0	0.0										
5.	UH	0.0	0.0										
6.	POH	0.0	0.0										
7.	FOH	0.0	0.0										
8.	MOH	0.0	0.0										
9.	PFOH	0.0	12.7										
10.	LR pf (MW)	0.0	23.5										
11.	PMOH	0.0	3.0										
12.	LR pm (MW)	0.0	30.0										
13.	NSC (MW)	195.0	195.0										
14.	Oper MBtu	1144923.0	963384.0										
15.	Net Gen (MWH)	107900.0	93041.0										
16.	ANOHR (Btu/KWH)	10611.0	10354.0										
17.	NOF %	74.4	71.0										
18.	NPC (MW)	195.0	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	Feb '10											
1.	EAF (%)	95.7	74.7											
2.	PH	744.0	672.0											
3.	SH	720.1	452.8											
4.	RSH	0.0	51.2											
5.	UH	23.9	168.0											
6.	POH	0.0	168.0											
7.	FOH	0.0	0.0											
8.	MOH	23.9	0.0											
9.	PFOH	27.8	8.3											
10.	LR pf (MW)	134.6	57.6											
11.	PMOH	2.0	6.0											
12.	LR pm (MW)	155.0	102.0											
13.	NSC (MW)	510.0	510.0											
14.	Oper MBtu	2730266.0	1108131.0											
15.	Net Gen (MWH)	256697.0	100628.0											
16.	ANOHR (Btu/KWH)	10636.0	11012.0											
17.	NOF %	69.9	43.6											
18.	NPC (MW)	510.0	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	Feb '10											
1.	EAF (%)	99.6	91.8											
2.	PH	744.0	672.0											
3.	SH	744.0	622.4											
4.	RSH	0.0	0.0											
5.	UH	0.0	49.6											
6.	POH	0.0	49.6											
7.	FOH	0.0	0.0											
8.	MOH	0.0	0.0											
9.	PFOH	22.3	20.9											
10.	LR pf (MW)	62.0	128.3											
11.	PMOH	0.0	0.0											
12.	LR pm (MW)	0.0	0.0											
13.	NSC (MW)	510.0	510.0											
14.	Oper MBtu	2755224.0	1505154.0											
15.	Net Gen (MWH)	267470.0	140250.0											
16.	ANOHR (Btu/KWH)	10301.0	10732.0											
17.	NOF %	70.5	44.2											
18.	NPC (MW)	510.0	510.0											
19.	ANOHR Equation	$10^6 / AKW * [1662.56 - 88.78 * JAN - 74.02 * FEB - 93.64 * MAR + 51.38 * AUG + 58.75 * SEP]$ $+ 2.870 + 0.00738 * LSRF / AKW$												

ACTUAL UNIT OUTAGE DATA

GULF POWER COMPANY

February, 2010

Crist 6

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
02/05	FMO	32.0	291.0	Secondary Air Heater Fouling
02/10	PFO	1.5	266.0	Seal air to Pulverizers
02/11	PFO	0.4	266.0	Seal air to Pulverizers

* 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

February, 2010

Smith 1

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
02/06	PFO	2.7	30.0	Wet Coal Problem
02/12	PFO	11.8	14.0	Wet Coal Problem
02/13	PFO	3.7	12.0	Wet Coal 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

February, 2010

Smith 2

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
02/10	PMO	3.0	30.0	Pulverizer Inspection
02/12	PFO	8.0	11.0	Wet Coal Problem
02/13	PFO	4.7	45.0	Pulverizer Mill 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

February, 2010

Daniel 1

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
02/05	PFO	0.3	57.0	Wet Coal Problem
02/06	PFO	2.4	23.0	Pulverizer Problem
02/08	PFO	1.2	25.0	Pulverizer Feeder Problem
02/11	PMO	6.0	102.0	Pulverizer Feeder Problem
02/11	PFO	1.6	102.0	Pulverizer Fire
02/11	PFO	0.8	102.0	Wet Coal Problem
02/11	PFO	0.9	24.0	Wet Coal Problem
02/16	PFO	1.1	83.0	Primary Air Duct/Damper Problem
02/22	PO	168.0	510.0	Turbine and Boiler Outage

- * 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

February, 2010

Daniel 2

DATE	OUTAGE	HOURS	(MW)	DESCRIPTION
	TYPE *		AFFECTED	
02/01	PFO	6.4	150.0	Pulverizer Feeder Problem
02/06	PFO	1.8	23.0	Pulverizer Mill Problem
02/13	PFO	4.7	84.0	Primary Air Duct/Damper Problem
02/23	PFO	6.0	160.0	Feedwater Pump Problem
02/23	PFO	2.0	160.0	Feedwater Pump Drive Controls
02/26	PO	49.6	510.0	Boiler Inspection

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