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COMMISSION
CLERK



July 13, 2010

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 June 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

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DOCUMENT NUMBER-DATE

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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							
1.	EAF (%)	100.0	100.0	99.8	100.0	100.0	92.1							
2.	PH	744	672	743	720	744	720							
3.	SH	744.0	533.4	218.8	149.1	0.0	451.5							
4.	RSH	0.0	138.6	524.2	570.9	744.0	219.9							
5.	UH	0.0	0.0	0.0	0.0	0.0	48.6							
6.	POH	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							
8.	MOH	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							
10.	LR pf (MW)	0.0	0.0	20.0	0.0	0.0	15.0							
11.	PMOH	0.0	0.0	0.0	0.0	0.0	18.8							
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	30.0							
13.	NSC (MW)	75	75	75	75	75	75							
14.	Oper MBtu	521640.0	349400.0	127174.0	82703.0	0.0	341422.0							
15.	Net Gen (MWH)	46518.0	30015.0	10990.0	7496.0	0.0	26493.0							
16.	ANOHR (Btu/KWH)	11214.0	11641.0	11572.0	11033.0	0.0	12887.0							
17.	NOF %	83.4	75.0	67.0	67.0	0.0	78.2							
18.	NPC (MW)	75	75	75	75	75	75							
19.	ANOHR Equation	$10^6 / AKW * [1360.90 - 26.57 * JAN - 25.71 * FEB - 43.72 * APR - 33.69 * MAY + 17.95 * AUG - 17.31 * NOV]$ $-35180 + 0.37811 * LSRF / AKW$												

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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							
1. EAF (%)	100.0	99.9	100.0	100.0	100.0	98.7							
2. PH	744	672	743	720	744	720							
3. SH	744.0	672.0	743.0	720.0	744.0	720.0							
4. RSH	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							
6. POH	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							
8. MOH	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							
10. LR pf (MW)	15.0	50.0	0.0	0.0	0.0	25.5							
11. PMOH	0.0	0.0	0.0	0.0	0.0	10.6							
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	30.0							
13. NSC (MW)	75	75	75	75	75	75							
14. Oper MBtu	510627.0	437384.0	433460.0	380116.0	472548.0	490858.0							
15. Net Gen (MWH)	45417.0	38776.0	39631.0	33013.0	41974.0	43569.0							
16. ANOHR (Btu/KWH)	11243.0	11280.0	10937.0	11514.0	11258.0	11266.0							
17. NOF %	81.4	76.9	71.1	61.1	75.2	80.7							
18. NPC (MW)	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							
1.	EAF (%)	100.0	95.0	100.0	100.0	95.2	79.4							
2.	PH	744	672	743	720	744	720							
3.	SH	744.0	566.3	214.1	284.5	708.2	574.8							
4.	RSH	0.0	73.7	528.9	435.5	0.0	0.0							
5.	UH	0.0	32.0	0.0	0.0	35.8	145.2							
6.	POH	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							
8.	MOH	0.0	32.0	0.0	0.0	0.0	50.2							
9.	PFOH	0.0	1.9	0.0	0.0	0.0	3.5							
10.	LR pf (MW)	0.0	266.0	0.0	0.0	0.0	51.0							
11.	PMOH	0.0	0.0	0.0	0.0	0.0	3.3							
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	191.0							
13.	NSC (MW)	291	291	291	291	291	291							
14.	Oper MBtu	1666272.0	1212518.0	440197.0	493158.0	1560739.0	1436507.0							
15.	Net Gen (MWH)	152252.0	106646.0	39225.0	43023.0	135083.0	127159.0							
16.	ANOHR (Btu/KWH)	10944.0	11370.0	11222.0	11463.0	11554.0	11297.0							
17.	NOF %	70.3	64.7	63.0	52.0	65.5	76.0							
18.	NPC (MW)	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							
1. EAF (%)	85.0	100.0	99.1	83.7	96.0	99.4							
2. PH	744	672	743	720	744	720							
3. SH	708.7	672.0	743.0	621.7	744.0	720.0							
4. RSH	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							
6. POH	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							
8. MOH	0.0	0.0	0.0	98.3	0.0	0.0							
9. PFOH	169.4	0.0	16.9	65.4	73.7	11.4							
10. LR pf (MW)	209.2	0.0	152.7	137.0	164.5	175.0							
11. PMOH	0.0	0.0	2.5	0.0	10.1	0.0							
12. LR pm (MW)	0.0	0.0	185.0	0.0	175.0	0.0							
13. NSC (MW)	465	465	465	465	465	465							
14. Oper MBtu	2677872.0	2494523.0	2380779.0	1993199.0	2738536.0	2749348.0							
15. Net Gen (MWH)	250317.0	242776.0	224450.0	188323.0	258087.0	276634.0							
16. ANOHR (Btu/KWH)	10698.0	10275.0	10607.0	10584.0	10611.0	9939.0							
17. NOF %	76.0	77.7	65.0	65.1	74.6	82.6							
18. NPC (MW)	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 I	Jan '10	Feb '10	Mar '10	Apr '10	May '10	Jun '10							
1. EAF (%)	97.9	99.7	99.9	59.3	100.0	99.6							
2. PH	744	672	743	720	744	720							
3. SH	744.0	672.0	743.0	426.9	744.0	720.0							
4. RSH	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							
6. POH	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							
8. MOH	0.0	0.0	0.0	274.5	0.0	0.0							
9. PFOH	28.6	18.2	0.6	0.0	0.3	0.6							
10. LR pf (MW)	87.3	16.0	163.0	0.0	161.9	28.0							
11. PMOH	0.0	0.0	0.0	0.0	0.0	14.8							
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	28.0							
13. NSC (MW)	162	162	162	162	162	162							
14. Oper MBtu	996634.0	874274.0	785457.0	420580.0	648766.0	886111.0							
15. Net Gen (MWH)	94090.0	82163.0	73148.0	38998.0	58561.0	82454.0							
16. ANOHR (Btu/KWH)	10592.0	10641.0	10738.0	10785.0	11078.0	10747.0							
17. NOF %	78.1	75.5	60.8	56.4	48.6	70.7							
18. NPC (MW)	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							
1.	EAF (%)	100.0	99.7	93.5	77.4	100.0	99.7							
2.	PH	744	672	743	720	744	720							
3.	SH	744.0	672.0	455.2	419.0	744.0	720.0							
4.	RSH	0.0	0.0	239.8	138.2	0.0	0.0							
5.	UH	0.0	0.0	48.0	162.8	0.0	0.0							
6.	POH	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							
8.	MOH	0.0	0.0	48.0	162.8	0.0	0.0							
9.	PFOH	0.0	12.7	53.3	0.6	0.0	0.0							
10.	LR pf (MW)	0.0	23.5	0.0	35.0	0.0	0.0							
11.	PMOH	0.0	3.0	0.0	0.0	0.0	2.9							
12.	LR pm (MW)	0.0	30.0	0.0	0.0	0.0	125.0							
13.	NSC (MW)	195	195	195	195	195	195							
14.	Oper MBtu	1144923.0	963384.0	589034.0	395158.0	1162276.0	1117457.0							
15.	Net Gen (MWH)	107900.0	93041.0	55953.0	36176.0	110547.0	105168.0							
16.	ANOHR (Btu/KWH)	10611.0	10354.0	10527.0	10923.0	10514.0	10625.0							
17.	NOF %	74.4	71.0	63.0	44.3	76.2	74.9							
18.	NPC (MW)	195	195	195	195	195	195							
19.	ANOHR Equation	$10^6 / AKW * [104.09 + 19.47 * JAN + 30.73 * JUN + 21.41 * JUL + 14.11 * AUG]$ $+ 9,055 + 0.00351 * LSRE / AKW$												

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							
1.	EAF (%)	95.7	74.7	0.0	27.2	99.2	99.9							
2.	PH	744	672	743	720	744	720							
3.	SH	720.1	452.8	0.0	142.7	744.0	720.0							
4.	RSH	0.0	51.2	0.0	55.6	0.0	0.0							
5.	UH	23.9	168.0	743.0	521.7	0.0	0.0							
6.	POH	0.0	168.0	743.0	402.7	0.0	0.0							
7.	FOH	0.0	0.0	0.0	119.0	0.0	0.0							
8.	MOH	23.9	0.0	0.0	0.0	0.0	0.0							
9.	PFOH	27.8	8.3	0.0	0.0	0.0	11.6							
10.	LR pf (MW)	134.6	57.6	0.0	0.0	0.0	24.7							
11.	PMOH	2.0	6.0	0.0	10.9	10.7	0.0							
12.	LR pm (MW)	155.0	102.0	0.0	130.0	289.1	0.0							
13.	NSC (MW)	510	510	510	510	510	510							
14.	Oper MBtu	2730266.0	1108131.0	0.0	473304.0	2576159.0	2777111.0							
15.	Net Gen (MWH)	256697.0	100628.0	0.0	41348.0	259223.0	273640.0							
16.	ANOHR (Btu/KWH)	10636.0	11012.0	0.0	11447.0	9938.0	10149.0							
17.	NOF %	69.9	43.6	0.0	56.8	68.3	74.5							
18.	NPC (MW)	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						
1.	EAF (%)	99.6	91.8	53.7	93.4	97.3	92.0						
2.	PH	744	672	743	720	744	720						
3.	SH	744.0	622.4	399.2	646.0	687.8	668.9						
4.	RSH	0.0	0.0	0.0	29.4	56.2	0.0						
5.	UH	0.0	49.6	343.8	44.6	0.0	51.1						
6.	POH	0.0	49.6	343.8	0.0	0.0	0.0						
7.	FOH	0.0	0.0	0.0	0.0	0.0	3.8						
8.	MOH	0.0	0.0	0.0	44.6	0.0	47.3						
9.	PFOH	22.3	20.9	3.8	8.8	91.4	17.0						
10.	LR pf (MW)	62.0	128.3	50.0	48.9	104.6	88.8						
11.	PMOH	0.0	0.0	0.0	2.9	1.2	6.0						
12.	LR pm (MW)	0.0	0.0	0.0	350.0	507.6	330.0						
13.	NSC (MW)	510	510	510	510	510	510						
14.	Oper MBtu	2755224.0	1505154.0	952300.0	1485750.0	2600984.0	2582790.0						
15.	Net Gen (MWH)	267470.0	140250.0	84433.0	133749.0	249973.0	252166.0						
16.	ANOHR (Btu/KWH)	10301.0	10732.0	11279.0	11108.0	10405.0	10242.0						
17.	NOF %	70.5	44.2	41.5	40.6	71.3	73.9						
18.	NPC (MW)	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

June, 2010

Crist 5

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
06/12	PFO	4.5	15.0	Thermal Discharge Limits
06/18	PMO	10.6	30.0	Condenser Tube Leaks
06/20	PFO	10.6	30.0	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

June, 2010

Daniel 2

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
06/04	PFO	15.8	82.0	Pulverizer Motor/Drive Problem
06/04	PMO	6.0	330.0	Condenser Tube Leaks
06/08	PFO	0.8	115.0	Pulverizer Feeder Problem
06/26	FMO	47.3	510.0	Second Superheater Tube Slagging
06/29	PFO	0.3	281.0	Boiler Control System Problem
06/29	PFO	0.1	530.0	Boiler Control System Problem
06/29	FFO	3.8	510.0	Boiler Control System Problem

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