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COMMISSION
CLERK



September 15, 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 August 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 (lv)

vm

Enclosures

COM _____
APA | _____
ECR | 7 _____
GCL | _____
RAD | _____
SSC _____
ADM _____
OPC _____
CLK _____

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

DOCUMENT NUMBER DATE

07772 SEP 16 2

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	Aug '10					
1. EAF (%)	100.0	100.0	99.8	100.0	100.0	92.1	100.0	100.0					
2. PH	744	672	743	720	744	720	744	744					
3. SH	744.0	533.4	218.8	149.1	0.0	451.5	744.0	744.0					
4. RSH	0.0	138.6	524.2	570.9	744.0	219.9	0.0	0.0					
5. UH	0.0	0.0	0.0	0.0	0.0	48.6	0.0	0.0					
6. POH	0.0	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	0.0					
8. MOH	0.0	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	0.0					
10. LR pf (MW)	0.0	0.0	20.0	0.0	0.0	15.0	0.0	0.0					
11. PMOH	0.0	0.0	0.0	0.0	0.0	18.8	0.0	0.0					
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0					
13. NSC (MW)	75	75	75	75	75	75	75	75					
14. Oper MBtu	521640.0	349400.0	127174.0	82703.0	0.0	341422.0	491976.0	504253.0					
15. Net Gen (MWH)	46518.0	30015.0	10990.0	7496.0	0.0	26493.0	42273.0	43625.0					
16. ANOHR (Btu/KWH)	11214.0	11641.0	11572.0	11033.0	0.0	12887.0	11638.0	11559.0					
17. NOF %	83.4	75.0	67.0	67.0	0.0	78.2	75.8	78.2					
18. NPC (MW)	75	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

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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	Aug '10					
1. EAF (%)	100.0	99.9	100.0	100.0	100.0	98.7	97.8	99.7					
2. PH	744	672	743	720	744	720	744	744					
3. SH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0					
4. RSH	0.0	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	0.0					
6. POH	0.0	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	0.0					
8. MOH	0.0	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	36.9					
10. LR pf (MW)	15.0	50.0	0.0	0.0	0.0	25.5	0.0	5.0					
11. PMOH	0.0	0.0	0.0	0.0	0.0	10.6	37.5	0.0					
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	30.0	32.8	0.0					
13. NSC (MW)	75	75	75	75	75	75	75	75					
14. Oper MBtu	510627.0	437384.0	433460.0	380116.0	472548.0	490858.0	497332.0	484741.0					
15. Net Gen (MWH)	45417.0	38776.0	39631.0	33013.0	41974.0	43569.0	43611.0	42938.0					
16. ANOHR (Btu/KWH)	11243.0	11280.0	10937.0	11514.0	11258.0	11266.0	11404.0	11289.0					
17. NOF %	81.4	76.9	71.1	61.1	75.2	80.7	78.2	76.9					
18. NPC (MW)	75	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	Aug '10					
1. EAF (%)	100.0	95.0	100.0	100.0	95.2	79.4	96.2	98.4					
2. PH	744	672	743	720	744	720	744	744					
3. SH	744.0	566.3	214.1	284.5	708.2	574.8	716.1	744.0					
4. RSH	0.0	73.7	528.9	435.5	0.0	0.0	0.0	0.0					
5. UH	0.0	32.0	0.0	0.0	35.8	145.2	27.9	0.0					
6. POH	0.0	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	0.0					
8. MOH	0.0	32.0	0.0	0.0	0.0	50.2	13.5	0.0					
9. PFOH	0.0	1.9	0.0	0.0	0.0	3.5	20.4	291.8					
10. LR pf (MW)	0.0	266.0	0.0	0.0	0.0	51.0	10.0	10.0					
11. PMOH	0.0	0.0	0.0	0.0	0.0	3.3	0.0	163.0					
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	191.0	0.0	2.8					
13. NSC (MW)	291	291	291	291	291	291	291	291					
14. Oper MBtu	1666272.0	1212518.0	440197.0	493158.0	1560739.0	1436507.0	1892343.0	1776055.0					
15. Net Gen (MWH)	152252.0	106646.0	39225.0	43023.0	135083.0	127159.0	161308.0	157947.0					
16. ANOHR (Btu/KWH)	10944.0	11370.0	11222.0	11463.0	11554.0	11297.0	11731.0	11245.0					
17. NOF %	70.3	64.7	63.0	52.0	65.5	76.0	77.4	73.0					
18. NPC (MW)	291	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	Aug '10					
1. EAF (%)	85.0	100.0	99.1	83.7	96.0	99.4	73.6	93.0					
2. PH	744	672	743	720	744	720	744	744					
3. SH	708.7	672.0	743.0	621.7	744.0	720.0	720.4	735.8					
4. RSH	0.0	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	8.3					
6. POH	0.0	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	8.3					
8. MOH	0.0	0.0	0.0	98.3	0.0	0.0	0.0	0.0					
9. PFOH	169.4	0.0	16.9	65.4	73.7	11.4	411.8	237.8					
10. LR pf (MW)	209.2	0.0	152.7	137.0	164.5	175.0	195.0	83.2					
11. PMOH	0.0	0.0	2.5	0.0	10.1	0.0	0.0	3.5					
12. LR pm (MW)	0.0	0.0	185.0	0.0	175.0	0.0	0.0	217.0					
13. NSC (MW)	465	465	465	465	465	465	465	465					
14. Oper MBtu	2677872.0	2494523.0	2380779.0	1993199.0	2738536.0	2749348.0	2664486.0	2873251.0					
15. Net Gen (MWH)	250317.0	242776.0	224450.0	188323.0	258087.0	276634.0	248772.0	272702.0					
16. ANOHR (Btu/KWH)	10698.0	10275.0	10607.0	10584.0	10611.0	9939.0	10711.0	10536.0					
17. NOF %	76.0	77.7	65.0	65.1	74.6	82.6	74.3	79.7					
18. NPC (MW)	465	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	Aug '10				
1.	EAF (%)	97.9	99.7	99.9	59.3	100.0	99.6	99.4	95.4				
2.	PH	744	672	743	720	744	720	744	744				
3.	SH	744.0	672.0	743.0	426.9	744.0	720.0	741.1	715.3				
4.	RSH	0.0	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	28.7				
6.	POH	0.0	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	28.7				
8.	MOH	0.0	0.0	0.0	274.5	0.0	0.0	0.0	0.0				
9.	PFOH	28.6	18.2	0.6	0.0	0.3	0.6	0.8	18.6				
10.	LR pf (MW)	87.3	16.0	163.0	0.0	161.9	28.0	61.7	39.4				
11.	PMOH	0.0	0.0	0.0	0.0	0.0	14.8	4.1	3.3				
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	28.0	44.1	32.0				
13.	NSC (MW)	162	162	162	162	162	162	162	162				
14.	Oper MBtu	996634.0	874274.0	785457.0	420580.0	648766.0	886111.0	984944.0	943718.0				
15.	Net Gen (MWH)	94090.0	82163.0	73148.0	38998.0	58561.0	82454.0	92958.0	89807.0				
16.	ANOHR (Btu/KWH)	10592.0	10641.0	10738.0	10785.0	11078.0	10747.0	10596.0	10508.0				
17.	NOF %	78.1	75.5	60.8	56.4	48.6	70.7	77.4	77.5				
18.	NPC (MW)	162	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	Aug '10				
1.	EAF (%)	100.0	99.7	93.5	77.4	100.0	99.7	99.9	99.5				
2.	PH	744	672	743	720	744	720	744	744				
3.	SH	744.0	672.0	455.2	419.0	744.0	720.0	744.0	744.0				
4.	RSH	0.0	0.0	239.8	138.2	0.0	0.0	0.0	0.0				
5.	UH	0.0	0.0	48.0	162.8	0.0	0.0	0.0	0.0				
6.	POH	0.0	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	0.0				
8.	MOH	0.0	0.0	48.0	162.8	0.0	0.0	0.0	0.0				
9.	PFOH	0.0	12.7	53.3	0.6	0.0	0.0	0.3	2.5				
10.	LR pf (MW)	0.0	23.5	0.0	35.0	0.0	0.0	190.0	120.0				
11.	PMOH	0.0	3.0	0.0	0.0	0.0	2.9	2.0	3.6				
12.	LR pm (MW)	0.0	30.0	0.0	0.0	0.0	125.0	65.7	115.0				
13.	NSC (MW)	195	195	195	195	195	195	195	195				
14.	Oper MBtu	1144923.0	963384.0	589034.0	395158.0	1162276.0	1117457.0	1133898.0	1138429.0				
15.	Net Gen (MWH)	107900.0	93041.0	55953.0	36176.0	110547.0	105168.0	106566.0	107391.0				
16.	ANOHR (Btu/KWH)	10611.0	10354.0	10527.0	10923.0	10514.0	10625.0	10640.0	10601.0				
17.	NOF %	74.4	71.0	63.0	44.3	76.2	74.9	73.5	74.0				
18.	NPC (MW)	195	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	Aug '10				
1.	EAF (%)	95.7	74.7	0.0	27.2	99.2	99.9	99.1	100.0				
2.	PH	744	672	743	720	744	720	744	744				
3.	SH	720.1	452.8	0.0	142.7	744.0	720.0	741.5	744.0				
4.	RSH	0.0	51.2	0.0	55.6	0.0	0.0	0.0	0.0				
5.	UH	23.9	168.0	743.0	521.7	0.0	0.0	2.5	0.0				
6.	POH	0.0	168.0	743.0	402.7	0.0	0.0	0.0	0.0				
7.	FOH	0.0	0.0	0.0	119.0	0.0	0.0	2.5	0.0				
8.	MOH	23.9	0.0	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	0.0				
10.	LR pf (MW)	134.6	57.6	0.0	0.0	0.0	24.7	56.3	0.0				
11.	PMOH	2.0	6.0	0.0	10.9	10.7	0.0	9.2	0.0				
12.	LR pm (MW)	155.0	102.0	0.0	130.0	289.1	0.0	219.6	0.0				
13.	NSC (MW)	510	510	510	510	510	510	510	510				
14.	Oper MBtu	2730266.0	1108131.0	0.0	473304.0	2576159.0	2777111.0	2868163.0	2916813.0				
15.	Net Gen (MWH)	256697.0	100628.0	0.0	41348.0	259223.0	273640.0	283441.0	286756.0				
16.	ANOHR (Btu/KWH)	10636.0	11012.0	0.0	11447.0	9938.0	10149.0	10119.0	10172.0				
17.	NOF %	69.9	43.6	0.0	56.8	68.3	74.5	75.0	75.6				
18.	NPC (MW)	510	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	Aug '10					
1.	EAF (%)	99.6	91.8	53.7	93.4	97.3	92.0	100.0	99.4					
2.	PH	744	672	743	720	744	720	744	744					
3.	SH	744.0	622.4	399.2	646.0	687.8	668.9	744.0	741.3					
4.	RSH	0.0	0.0	0.0	29.4	56.2	0.0	0.0	0.0					
5.	UH	0.0	49.6	343.8	44.6	0.0	51.1	0.0	2.7					
6.	POH	0.0	49.6	343.8	0.0	0.0	0.0	0.0	0.0					
7.	FOH	0.0	0.0	0.0	0.0	0.0	3.8	0.0	2.7					
8.	MOH	0.0	0.0	0.0	44.6	0.0	47.3	0.0	0.0					
9.	PFOH	22.3	20.9	3.8	8.8	91.4	17.0	0.7	11.6					
10.	LR pf (MW)	62.0	128.3	50.0	48.9	104.6	88.8	109.6	78.8					
11.	PMOH	0.0	0.0	0.0	2.9	1.2	6.0	0.0	0.0					
12.	LR pm (MW)	0.0	0.0	0.0	350.0	507.6	330.0	0.0	0.0					
13.	NSC (MW)	510	510	510	510	510	510	510	510					
14.	Oper MBtu	2755224.0	1505154.0	952300.0	1485750.0	2600984.0	2582790.0	2887221.0	2836003.0					
15.	Net Gen (MWH)	267470.0	140250.0	84433.0	133749.0	249973.0	252166.0	280428.0	273575.0					
16.	ANOHR (Btu/KWH)	10301.0	10732.0	11279.0	11108.0	10405.0	10242.0	10296.0	10366.0					
17.	NOF %	70.5	44.2	41.5	40.6	71.3	73.9	73.9	72.4					
18.	NPC (MW)	510	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

August, 2010

Crist 6

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
07/31	PFO	0.5	10.0	Induced Draft Fan Problem
08/01	PFO	13.8	10.0	Induced Draft Fan Problem
08/03	PFO	2.7	10.0	Induced Draft Fan Problem
08/06	PFO	4.5	10.0	Induced Draft Fan Problem
08/07	PFO	47.2	9.8	Induced Draft Fan Problem
08/08	FFO	0.8	291.0	Operator Error
08/09	PFO	14.7	10.0	Induced Draft Fan Problem
08/10	PFO	13.3	10.0	Induced Draft Fan Problem
08/12	PFO	11.8	10.0	Induced Draft Fan Problem
08/15	PFO	9.9	10.0	Induced Draft Fan Problem
08/16	PFO	12.5	10.0	Induced Draft Fan Problem
08/17	PFO	7.7	10.0	Induced Draft Fan Problem
08/18	PMO	2.8	163.0	Condenser Tube Cleaning
08/18	PFO	13.2	10.0	Induced Draft Fan Problem
08/19	PFO	6.8	10.0	Induced Draft Fan Problem
08/20	PFO	12.0	10.0	Induced Draft Fan Problem
08/21	PFO	7.1	10.0	Induced Draft Fan Problem
08/22	PFO	13.8	10.0	Induced Draft Fan Problem
08/23	PFO	14.0	10.0	Induced Draft Fan Problem
08/24	PFO	6.0	10.0	Induced Draft Fan Problem
08/25	PFO	13.0	10.0	Induced Draft Fan Problem
08/26	PFO	15.2	10.0	Induced Draft Fan Problem
08/27	PFO	13.0	10.0	Induced Draft Fan Problem
08/28	PFO	10.8	10.0	Induced Draft Fan Problem
08/29	PFO	13.5	10.0	Induced Draft Fan Problem
08/30	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

August, 2010

Smith 2

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
08/13	PFO	2.5	120.0	Circulating Water Piping
08/19	PMO	3.6	115.0	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

August, 2010

Daniel 1

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

August, 2010

Daniel 2

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
08/01	FFO	2.7	510.0	Intake Grating Fouling
08/02	PFO	1.2	310.0	Intake Grating Fouling
08/09	PFO	10.5	53.0	Pulverizer Feeder Problem

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