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COMMISSION
CLERK



October 19, 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 September 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

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

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

DOCUMENT NUMBER 08762

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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	Sep '10			
1.	EAF (%)	100.0	100.0	99.8	100.0	100.0	92.1	100.0	100.0	99.8			
2.	PH	744	672	743	720	744	720	744	744	720			
3.	SH	744.0	533.4	218.8	149.1	0.0	451.5	744.0	744.0	598.1			
4.	RSH	0.0	138.6	524.2	570.9	744.0	219.9	0.0	0.0	120.5			
5.	UH	0.0	0.0	0.0	0.0	0.0	48.6	0.0	0.0	1.4			
6.	POH	0.0	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	1.4			
8.	MOH	0.0	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	0.0			
10.	LR pf (MW)	0.0	0.0	20.0	0.0	0.0	15.0	0.0	0.0	0.0			
11.	PMOH	0.0	0.0	0.0	0.0	0.0	18.8	0.0	0.0	0.0			
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0			
13.	NSC (MW)	75	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	504911.0	412764.0			
15.	Net Gen (MWH)	46518.0	30015.0	10990.0	7496.0	0.0	26493.0	42273.0	43625.0	34755.0			
16.	ANOHR (Btu/KWH)	11214.0	11641.0	11572.0	11033.0	0.0	12887.0	11638.0	11574.0	11876.0			
17.	NOF %	83.4	75.0	67.0	67.0	0.0	78.2	75.8	78.2	77.5			
18.	NPC (MW)	75	75	75	75	75	75	75	75	75			
19.	ANOHR Equation	$10\% / AKW * [1360.90 - 26.57 * JAN - 25.71 * FEB - 43.72 * APR - 33.69 * MAY + 17.95 * AUG - 17.31 * NOV]$ $-35180 + 0.37811 * LSRF / AKW$											

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	Sep '10				
1. EAF (%)	100.0	99.9	100.0	100.0	100.0	98.7	97.8	99.7	99.0				
2. PH	744	672	743	720	744	720	744	744	720				
3. SH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	716.4				
4. RSH	0.0	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	3.6				
6. POH	0.0	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	3.6				
8. MOH	0.0	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	1.2				
10. LR pf (MW)	15.0	50.0	0.0	0.0	0.0	25.5	0.0	5.0	74.0				
11. PMOH	0.0	0.0	0.0	0.0	0.0	10.6	37.5	0.0	6.3				
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	30.0	32.8	0.0	30.0				
13. NSC (MW)	75	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	485066.0	469534.0				
15. Net Gen (MWH)	45417.0	38776.0	39631.0	33013.0	41974.0	43607.0	43611.0	42938.0	39522.0				
16. ANOHR (Btu/KWH)	11243.0	11280.0	10937.0	11514.0	11258.0	11256.0	11404.0	11297.0	11880.0				
17. NOF %	81.4	76.9	71.1	61.1	75.2	80.8	78.2	76.9	73.6				
18. NPC (MW)	75	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	Sep '10				
1. EAF (%)	100.0	95.0	100.0	100.0	95.2	79.4	96.2	98.4	84.8				
2. PH	744	672	743	720	744	720	744	744	720				
3. SH	744.0	566.3	214.1	284.5	708.2	574.8	716.1	744.0	619.0				
4. RSH	0.0	73.7	528.9	435.5	0.0	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	101.0				
6. POH	0.0	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	29.5				
8. MOH	0.0	32.0	0.0	0.0	0.0	50.2	13.5	0.0	71.5				
9. PFOH	0.0	1.9	0.0	0.0	0.0	3.5	20.4	291.8	241.3				
10. LR pf (MW)	0.0	266.0	0.0	0.0	0.0	51.0	10.0	10.0	10.0				
11. PMOH	0.0	0.0	0.0	0.0	0.0	3.3	0.0	163.0	0.0				
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	191.0	0.0	2.8	0.0				
13. NSC (MW)	291	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	1778059.0	1379743.0				
15. Net Gen (MWH)	152252.0	106646.0	39225.0	43023.0	135083.0	127217.0	161308.0	157947.0	119478.0				
16. ANOHR (Btu/KWH)	10944.0	11370.0	11222.0	11463.0	11554.0	11292.0	11731.0	11257.0	11548.0				
17. NOF %	70.3	64.7	63.0	52.0	65.5	76.1	77.4	73.0	66.3				
18. NPC (MW)	291	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	Sep '10				
1.	EAF (%)	85.0	100.0	99.1	83.7	96.0	99.4	73.6	93.0	95.4				
2.	PH	744	672	743	720	744	720	744	744	720				
3.	SH	708.7	672.0	743.0	621.7	744.0	720.0	720.4	735.8	716.9				
4.	RSH	0.0	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	3.1				
6.	POH	0.0	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	3.1				
8.	MOH	0.0	0.0	0.0	98.3	0.0	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	153.3				
10.	LR pf (MW)	209.2	0.0	152.7	137.0	164.5	175.0	195.0	83.2	89.9				
11.	PMOH	0.0	0.0	2.5	0.0	10.1	0.0	0.0	3.5	0.0				
12.	LR pm (MW)	0.0	0.0	185.0	0.0	175.0	0.0	0.0	217.0	0.0				
13.	NSC (MW)	465	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	2876653.0	2903268.0				
15.	Net Gen (MWH)	250317.0	242776.0	224450.0	188323.0	258087.0	276886.0	248772.0	272702.0	264135.0				
16.	ANOHR (Btu/KWH)	10698.0	10275.0	10607.0	10584.0	10611.0	9930.0	10711.0	10549.0	10992.0				
17.	NOF %	76.0	77.7	65.0	65.1	74.6	82.7	74.3	79.7	79.2				
18.	NPC (MW)	465	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	Sep '10			
1.	EAF (%)	97.9	99.7	99.9	59.3	100.0	99.6	99.4	95.4	99.4			
2.	PH	744	672	743	720	744	720	744	744	720			
3.	SH	744.0	672.0	743.0	426.9	744.0	720.0	741.1	715.3	720.0			
4.	RSH	0.0	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	0.0			
6.	POH	0.0	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	0.0			
8.	MOH	0.0	0.0	0.0	274.5	0.0	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	2.3			
10.	LR pf (MW)	87.3	16.0	163.0	0.0	161.9	28.0	61.7	39.4	32.0			
11.	PMOH	0.0	0.0	0.0	0.0	0.0	14.8	4.1	3.3	10.8			
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	28.0	44.1	32.0	59.7			
13.	NSC (MW)	162	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	889625.0			
15.	Net Gen (MWH)	94090.0	82163.0	73148.0	38998.0	58561.0	82454.0	92958.0	89807.0	84795.0			
16.	ANOHR (Btu/KWH)	10592.0	10641.0	10738.0	10785.0	11078.0	10747.0	10596.0	10508.0	10491.0			
17.	NOF %	78.1	75.5	60.8	56.4	48.6	70.7	77.4	77.5	72.7			
18.	NPC (MW)	162	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	Sep '10				
1.	EAF (%)	100.0	99.7	93.5	77.4	100.0	99.7	99.9	99.5	86.1				
2.	PH	744	672	743	720	744	720	744	744	720				
3.	SH	744.0	672.0	455.2	419.0	744.0	720.0	744.0	744.0	603.7				
4.	RSH	0.0	0.0	239.8	138.2	0.0	0.0	0.0	0.0	20.3				
5.	UH	0.0	0.0	48.0	162.8	0.0	0.0	0.0	0.0	96.0				
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	96.0				
7.	FOH	0.0	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	0.0				
9.	PFOH	0.0	12.7	53.3	0.6	0.0	0.0	0.3	2.5	6.1				
10.	LR pf (MW)	0.0	23.5	0.0	35.0	0.0	0.0	190.0	120.0	43.0				
11.	PMOH	0.0	3.0	0.0	0.0	0.0	2.9	2.0	3.6	4.7				
12.	LR pm (MW)	0.0	30.0	0.0	0.0	0.0	125.0	65.7	115.0	127.0				
13.	NSC (MW)	195	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	913111.0				
15.	Net Gen (MWH)	107900.0	93041.0	55953.0	36176.0	110547.0	105168.0	106566.0	107391.0	85952.0				
16.	ANOHR (Btu/KWH)	10611.0	10354.0	10527.0	10923.0	10514.0	10625.0	10640.0	10601.0	10623.0				
17.	NOF %	74.4	71.0	63.0	44.3	76.2	74.9	73.5	74.0	73.0				
18.	NPC (MW)	195	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	Sep '10				
1.	EAF (%)	95.7	74.7	0.0	27.2	99.2	99.9	99.1	100.0	99.7				
2.	PH	744	672	743	720	744	720	744	744	720				
3.	SH	720.1	452.8	0.0	142.7	744.0	720.0	741.5	744.0	720.0				
4.	RSH	0.0	51.2	0.0	55.6	0.0	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	0.0				
6.	POH	0.0	168.0	743.0	402.7	0.0	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	0.0				
8.	MOH	23.9	0.0	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	26.0				
10.	LR pf (MW)	134.6	57.6	0.0	0.0	0.0	24.7	56.3	0.0	48.2				
11.	PMOH	2.0	6.0	0.0	10.9	10.7	0.0	9.2	0.0	0.0				
12.	LR pm (MW)	155.0	102.0	0.0	130.0	289.1	0.0	219.6	0.0	0.0				
13.	NSC (MW)	510	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	2740288.0				
15.	Net Gen (MWH)	256697.0	100628.0	0.0	41348.0	259223.0	273640.0	283441.0	286756.0	278462.0				
16.	ANOHR (Btu/KWH)	10636.0	11012.0	0.0	11447.0	9938.0	10149.0	10119.0	10172.0	9841.0				
17.	NOF %	69.9	43.6	0.0	56.8	68.3	74.5	75.0	75.6	75.8				
18.	NPC (MW)	510	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	Sep '10				
1. EAF (%)	99.6	91.8	53.7	93.4	97.3	92.0	100.0	99.4	99.5				
2. PH	744	672	743	720	744	720	744	744	720				
3. SH	744.0	622.4	399.2	646.0	687.8	668.9	744.0	741.3	720.0				
4. RSH	0.0	0.0	0.0	29.4	56.2	0.0	0.0	0.0	0.0				
5. UH	0.0	49.6	343.8	44.6	0.0	51.1	0.0	2.7	0.0				
6. POH	0.0	49.6	343.8	0.0	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	0.0				
8. MOH	0.0	0.0	0.0	44.6	0.0	47.3	0.0	0.0	0.0				
9. PFOH	22.3	20.9	3.8	8.8	91.4	17.0	0.7	11.6	17.6				
10. LR pf (MW)	62.0	128.3	50.0	48.9	104.6	88.8	109.6	78.8	107.7				
11. PMOH	0.0	0.0	0.0	2.9	1.2	6.0	0.0	0.0	3.0				
12. LR pm (MW)	0.0	0.0	0.0	350.0	507.6	330.0	0.0	0.0	15.0				
13. NSC (MW)	510	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	2798571.0				
15. Net Gen (MWH)	267470.0	140250.0	84433.0	133749.0	249973.0	252166.0	280428.0	273575.0	273050.0				
16. ANOHR (Btu/KWH)	10301.0	10732.0	11279.0	11108.0	10405.0	10242.0	10296.0	10366.0	10249.0				
17. NOF %	70.5	44.2	41.5	40.6	71.3	73.9	73.9	72.4	74.4				
18. NPC (MW)	510	510	510	510	510	510	510	510	510				
19. ANOHR Equation	$10^6 / AKW * [1662.56 - 88.78 * JAN - 74.02 * FEB - 93.64 * MAR + 51.38 * AUG + 58.75 * SEP]$ $+ 2.870 + 0.00738 * LSRF / AKW$												

