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COMMISSION
CLERK



January 15, 2010

100001-EI

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. 090001-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 December 2009, Retail Cost Recovery Charges for Plant Crist, Plant Smith, and Plant Daniel. These schedules are being sent separate from the monthly filing.

Sincerely,

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

mr

Enclosures

cc w/attachment: Florida Public Service Commission
Sid Matlock

DOCUMENT NUMBER-DATE

00433 JAN 19 09

FPSC-COMMISSION CLERK

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

CRIST 4	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	Jul '09	Aug '09	Sep '09	Oct '09	Nov '09	Dec '09	Total
1. EAF (%)	100.0	100.0	100.0	100.0	98.5	100.0	100.0	100.0	99.8	100.0	99.8	85.6	98.6
2. PH	744.0	672.0	743	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3. SH	617.3	574.0	102.8	0.0	282.5	0.0	104.8	0.0	171.6	545.8	662.2	636.6	3697.6
4. RSH	126.7	98.0	640.2	720.0	450.1	720.0	639.2	744.0	547.3	198.2	57.1	0.0	4940.8
5. UH	0.0	0.0	0.0	0.0	11.4	0.0	0.0	0.0	1.1	0.0	1.7	107.4	121.6
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	106.2	106.2
7. FOH	0.0	0.0	0.0	0.0	9.4	0.0	0.0	0.0	1.1	0.0	1.7	1.2	13.4
8. MOH	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
9. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. LR pf (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13. NSC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
14. Oper MBtu	371521.0	343977.0	64608.0	0.0	175289.0	0.0	76389.0	0.0	118448.0	403409.0	415927.0	446069.0	2415637.0
15. Net Gen (MWH)	35112.0	32516.0	5793.0	0.0	16701.0	0.0	6514.0	0.0	9766.0	37149.0	37735.0	40956.0	222242.0
16. ANOHR (Btu/KWH)	10581.0	10579.0	11153.0	0.0	10496.0	0.0	11727.0	0.0	12129.0	10859.0	11022.0	10891.0	10869.0
17. NOF %	72.9	72.6	72.2	0.0	75.8	0.0	79.7	0.0	73.0	87.3	73.1	82.5	77.1
18. NPC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
19. ANOHR Equation	$10^6 / AKW * [-381.74 + 11.33 * MAR + 21.63 * MAY + 36.12 * JUN + 26.37 * JUL + 39.93 * AUG + 26.37 * SEP + 18.89 * OCT + 12.20 * NOV]$ $+ 24,343 - 0.11694 * LSRF / AKW$												

DOCUMENT NUMBER DATE

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

CRIST 5	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	Jul '09	Aug '09	Sep '09	Oct '09	Nov '09	Dec '09	Total
1. EAF (%)	93.7	98.0	99.4	88.2	95.7	99.0	100.0	100.0	96.9	100.0	73.8	35.6	90.0
2. PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3. SH	342.8	672.0	738.4	482.7	405.7	712.8	744.0	744.0	559.8	744.0	303.0	264.8	6714.0
4. RSH	354.4	0.0	0.0	152.3	306.1	0.0	0.0	0.0	138.2	0.0	229.2	0.0	1180.2
5. UH	46.8	0.0	4.6	85.0	32.2	7.2	0.0	0.0	22.0	0.0	188.8	479.2	865.8
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	128.8	479.2	608.0
7. FOH	0.0	0.0	4.6	4.5	0.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	16.3
8. MOH	46.8	0.0	0.0	80.5	32.2	0.0	0.0	0.0	22.0	0.0	60.0	0.0	241.5
9. PFOH	1.1	39.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.6
10. LR pf (MW)	28.0	26.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.2
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13. NSC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
14. Oper MBtu	188358.0	404316.0	495028.0	287067.0	267826.0	442111.0	500695.0	440191.0	343652.0	514396.0	175469.0	179118.0	4238227.0
15. Net Gen (MWH)	18249.0	38037.0	43702.0	27407.0	24469.0	39938.0	43172.0	39507.0	28580.0	46761.0	15794.0	14903.0	380519.0
16. ANOHR (Btu/KWH)	10322.0	10630.0	11327.0	10474.0	10946.0	11070.0	11598.0	11142.0	12024.0	11001.0	11110.0	12019.0	11138.0
17. NOF %	68.3	72.6	75.9	72.8	77.3	71.8	74.4	68.1	65.5	80.6	66.8	72.2	72.7
18. NPC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
19. ANOHR Equation	$10^6 / AKW * [426.33 - 10.84 * APR + 13.62 * MAY + 14.07 * JUN + 22.79 * JUL + 23.21 * AUG + 28.04 * SEP + 23.17 * OCT]$ $-988 + 0.07491 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

CRIST 6	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	Jul '09	Aug '09	Sep '09	Oct '09	Nov '09	Dec '09	Total
1. EAF (%)	0.0	58.9	100.0	99.4	99.7	98.4	100.0	100.0	100.0	37.0	88.9	99.4	81.8
2. PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3. SH	0.0	438.1	490.0	677.9	714.1	205.8	528.4	570.5	0.0	227.1	641.5	739.3	5232.7
4. RSH	0.0	0.0	253.0	42.1	28.0	502.4	215.6	173.5	720.0	48.0	0.0	0.0	1982.6
5. UH	744.0	233.9	0.0	0.0	1.9	11.8	0.0	0.0	0.0	468.9	79.5	4.7	1544.7
6. POH	744.0	156.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	468.9	79.5	0.0	1449.0
7. FOH	0.0	77.3	0.0	0.0	1.9	5.8	0.0	0.0	0.0	0.0	0.0	4.7	89.7
8. MOH	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
9. PFOH	0.0	0.0	0.0	9.1	7.3	0.0	0.0	0.0	0.0	0.0	0.6	0.0	17.0
10. LR pf (MW)	0.0	0.0	0.0	131.9	14.0	0.0	0.0	0.0	0.0	0.0	282.0	0.0	86.6
11. PMOH	0.0	58.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.4
12. LR pm (MW)	0.0	217.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	217.0
13. NSC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0
14. Oper MBtu	0.0	757590.0	1119840.0	1318298.0	1575741.0	440405.0	1130519.0	1046705.0	0.0	458266.0	1082372.0	1580747.0	10510483.0
15. Net Gen (MWH)	0.0	69288.0	100643.0	115306.0	141688.0	40443.0	103512.0	88523.0	0.0	38478.0	93561.0	146546.0	937988.0
16. ANOHR (Btu/KWH)	0.0	10934.0	11127.0	11433.0	11121.0	10890.0	10922.0	11824.0	0.0	11910.0	11569.0	10787.0	11205.0
17. NOF %	0.0	52.4	68.0	56.3	65.7	65.1	64.9	51.4	0.0	56.1	48.3	65.6	59.4
18. NPC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0	302.0
19. ANOHR Equation	$10^6 / AKW * [1564.72 - 54.35 * FEB - 64.08 * MAR + 52.17 * JUN - 50.16 * OCT]$ $-2641 + 0.02701 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

CRIST 7	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	Jul '09	Aug '09	Sep '09	Oct '09	Nov '09	Dec '09	Total
1. EAF (%)	96.1	0.0	46.7	80.7	94.7	94.3	81.8	94.8	100.0	2.3	0.0	61.4	63.2
2. PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3. SH	602.1	0.0	401.0	346.2	736.8	720.0	608.7	710.1	720.0	16.8	0.0	482.9	5344.6
4. RSH	117.9	0.0	0.0	262.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	380.5
5. UH	24.0	672.0	342.0	111.2	7.2	0.0	135.3	33.9	0.0	727.2	721.0	261.1	3034.9
6. POH	24.0	672.0	315.5	0.0	0.0	0.0	0.0	0.0	0.0	727.2	721.0	104.6	2564.3
7. FOH	0.0	0.0	2.8	0.0	0.0	0.0	135.3	33.9	0.0	0.0	0.0	11.7	183.7
8. MOH	0.0	0.0	23.7	111.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	144.8	286.9
9. PFOH	21.7	0.0	168.4	121.3	199.7	23.7	11.9	6.6	0.0	0.0	0.0	55.4	608.8
10. LR pf (MW)	81.2	0.0	152.1	107.2	60.3	19.1	13.9	329.3	0.0	0.0	0.0	221.9	110.9
11. PMOH	11.2	0.0	0.0	0.0	34.8	79.7	0.0	0.0	0.0	0.0	0.0	0.0	125.7
12. LR pm (MW)	65.0	0.0	0.0	0.0	96.0	238.4	0.0	0.0	0.0	0.0	0.0	0.0	183.5
13. NSC (MW)	472.0	472.0	472.0	472.0	472.0	472.0	472.0	472.0	472.0	472.0	472.0	472.0	472.0
14. Oper MBtu	2412471.0	0.0	1435251.0	1304533.0	2966969.0	2662013.0	2463015.0	2359402.0	2392308.0	66628.0	0.0	1815691.0	19878281.0
15. Net Gen (MWH)	224958.0	0.0	126488.0	116302.0	273797.0	239364.0	227679.0	208560.0	215259.0	5187.0	0.0	164169.0	1801763.0
16. ANOHR (Btu/KWH)	10724.0	0.0	11347.0	11217.0	10836.0	11121.0	10818.0	11313.0	11114.0	12845.0	0.0	11060.0	11033.0
17. NOF %	79.2	0.0	66.8	71.2	78.7	70.4	79.2	62.2	63.3	65.4	0.0	72.0	71.4
18. NPC (MW)	472.0	472.0	472.0	472.0	472.0	472.0	472.0	472.0	472.0	472.0	472.0	472.0	472.0
19. ANOHR Equation	$10\% / AKW * [503.94 - 136.35 * FEB + 117.15 * MAR + 87.68 * APR + 104.03 * JUN]$ $+ 9,321$												

**ACTUAL UNIT PERFORMANCE DATA
GULF POWER COMPANY**

PERIOD OF: January 2009 - December 2009

SMITH 2	Jan 09	Feb 09	Mar 09	Apr 09	May 09	Jun 09	Jul 09	Aug 09	Sep 09	Oct 09	Nov 09	Dec 09	Total
1. EAF (%)	99.3	99.0	100.0	80.2	84.6	99.5	91.0	97.6	84.4	100.0	100.0	94.3	94.2
2. PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	744.0	720.0	744.0	744.0	8760.0
3. SH	550.5	601.6	743.0	577.7	629.3	720.0	682.1	593.0	167.0	744.0	721.0	405.8	7135.0
4. RSH	193.5	70.4	0.0	0.0	0.0	0.0	0.0	133.5	442.6	0.0	0.0	295.8	1135.8
5. UH	0.0	0.0	0.0	142.3	114.7	0.0	61.9	17.5	110.4	0.0	0.0	42.4	489.2
6. POH	0.0	0.0	0.0	142.3	96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	238.3
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.4	1.8
8. MOH	0.0	0.0	0.0	0.0	18.7	0.0	61.9	17.5	109.0	0.0	0.0	42.0	249.1
9. PFOH	14.3	16.2	0.0	0.0	0.2	0.3	58.6	0.0	0.1	0.0	0.1	0.0	89.8
10. LR pf (MW)	66.3	78.6	0.0	0.0	195.0	116.0	18.0	0.0	195.0	0.0	194.0	0.0	37.7
11. PMOH	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	3.2	0.0	0.0	0.0	10.2
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	90.0	0.0	0.0	110.0	0.0	0.0	0.0	96.3
13. NSC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0
14. Oper Mbitu	827184.0	896037.0	1094873.0	850335.0	899471.0	824876.0	854539.0	748288.0	209231.0	1064170.0	888638.0	547040.0	9704682.0
15. Net Gen (MWH)	78073.0	87294.0	106740.0	82129.0	88802.0	77475.0	81063.0	71593.0	20161.0	104622.0	88268.0	51118.0	937338.0
16. ANOHR (Btu/KWH)	10595.0	10265.0	10257.0	10354.0	10129.0	10647.0	10542.0	10452.0	10378.0	10172.0	10067.0	10702.0	10353.0
17. NOF %	72.7	74.4	73.7	72.9	72.4	55.2	60.9	61.9	61.9	72.1	62.8	64.6	67.4
18. NPC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0
19. ANOHR Equation	10/6 / AKW * [55.14 - 16.87 * MAY - 11.84 * JUL - 10.07 * SEP]												+ 9,987

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

	DANIEL 1	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	Jul '09	Aug '09	Sep '09	Oct '09	Nov '09	Dec '09	Total
1.	EAF (%)	99.9	99.6	99.9	96.5	99.9	93.8	93.6	94.9	98.2	96.8	99.0	99.9	97.7
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3.	SH	541.9	244.1	135.9	683.0	744.0	717.5	744.0	744.0	720.0	720.3	714.6	331.3	7040.6
4.	RSH	202.1	425.2	607.1	37.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	412.7	1684.1
5.	UH	0.0	2.7	0.0	0.0	0.0	2.5	0.0	0.0	0.0	23.7	6.4	0.0	35.3
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.	FOH	0.0	2.7	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	5.2
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.7	6.4	0.0	30.1
9.	PFOH	2.8	0.2	50.6	8.3	6.3	1.9	3.8	16.4	2.5	1.0	2.6	5.3	101.7
10.	LR pf (MW)	106.1	60.9	10.0	168.1	68.9	63.0	477.6	8.7	35.0	105.0	99.3	69.7	54.5
11.	PMOH	0.0	0.0	0.0	174.8	0.0	717.5	744.0	744.0	720.0	0.3	0.0	0.0	3100.6
12.	LR pm (MW)	0.0	0.0	0.0	64.5	0.0	30.0	30.0	26.0	9.0	35.0	0.0	0.0	26.1
13.	NSC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0
14.	Oper MBtu	1565364.0	691112.0	521534.0	2544716.0	2979705.0	2667947.0	2852773.0	2857830.0	2719449.0	2922093.0	2930244.0	1155468.0	26408236.0
15.	Net Gen (MWH)	136732.0	60603.0	50745.0	240656.0	278131.0	250577.0	266524.0	278821.0	272786.0	289472.0	278373.0	106837.0	2510257.0
16.	ANOHR (Btu/KWH)	11448.0	11404.0	10278.0	10574.0	10713.0	10647.0	10704.0	10250.0	9969.0	10095.0	10526.0	10815.0	10520.0
17.	NOF %	49.5	48.7	73.2	69.1	73.3	68.5	70.2	73.5	74.3	78.8	76.4	63.2	69.9
18.	NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0
19.	ANOHR Equation	$10^6 / AKW * [1635.53]$ $+ 2,739 + 0.00821 * LSRF / AKW$												

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

DANIEL 2	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	Jul '09	Aug '09	Sep '09	Oct '09	Nov '09	Dec '09	Total
1. EAF (%)	99.4	99.0	100.0	96.1	10.1	97.5	91.8	95.5	95.7	100.0	81.5	99.7	88.7
2. PH	744.0	672.0	743.0	720.0	744.0	720.0	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3. SH	551.8	387.4	140.7	688.9	75.1	720.0	700.3	744.0	720.0	744.0	589.9	744.0	6806.1
4. RSH	192.2	279.3	602.3	28.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1102.7
5. UH	0.0	5.3	0.0	2.2	668.9	0.0	43.7	0.0	0.0	0.0	131.1	0.0	851.2
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7. FOH	0.0	5.3	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	130.4	0.0	137.9
8. MOH	0.0	0.0	0.0	0.0	668.9	0.0	43.7	0.0	0.0	0.0	0.7	0.0	713.3
9. PFOH	10.3	7.6	2.6	9.8	0.6	12.3	4.6	13.1	6.3	3.1	6.6	18.9	95.8
10. LR pf (MW)	221.1	113.3	30.0	86.3	40.0	34.8	68.7	102.3	44.2	43.0	181.3	60.2	93.1
11. PMOH	0.0	0.0	0.0	178.2	0.0	720.0	700.3	744.0	720.0	1.2	0.0	0.0	3063.7
12. LR pm (MW)	0.0	0.0	0.0	69.6	0.0	12.0	12.0	21.4	21.7	15.0	0.0	0.0	19.9
13. NSC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0
14. Oper MBtu	2141600.0	1466471.0	508733.0	2521701.0	232183.0	2804373.0	2644200.0	2856563.0	2638882.0	3032665.0	2271690.0	2689186.0	25808247.0
15. Net Gen (MWH)	218294.0	136248.0	49638.0	235859.0	21617.0	269319.0	260182.0	282252.0	259449.0	302521.0	223818.0	241632.0	2500829.0
16. ANOHR (Btu/KWH)	9811.0	10763.0	10249.0	10692.0	10741.0	10413.0	10163.0	10121.0	10171.0	10025.0	10150.0	11129.0	10320.0
17. NOF %	77.6	69.0	69.2	67.1	56.4	73.3	72.8	74.4	70.7	79.7	74.4	63.7	72.0
18. NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0	510.0
19. ANOHR Equation	$10^6 / AKW * [1440.20 - 123.89 * MAR - 108.06 * MAY - 96.34 * SEP]$ + 8,444												

