

The Energy Plant
Pinellas, Florida 32520

Telex 444 600

ORIGINAL



April 21, 1998

RECEIVED
FLORIDA PUBLIC SERVICE COMMISSION

Ms. Blanca S. Bayo, Director
Division of Records and Reporting
Florida Public Service Commission
3940 Shumard Oak Boulevard
Tallahassee FL 32399-0870

Dear Ms. Bayo:

RE: COMMISSION STAFF'S MINIMUM FILING REQUIREMENTS IN SUPPORT
OF THE MONTHLY FUEL AND PURCHASED POWER COST RECOVERY
CHARGE IN DOCKET NO. 980001-E1

Attached are the Actual Unit Performance Data Schedules and
the Actual Unit Outage Data Schedules for March, 1998. 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. Cranmer

ACK _____
AFA W. J. ... Susan D. Cranmer
Assistant Secretary and Assistant Treasurer

APP _____
CAF _____ lw

CMU _____ Attachment

CTR _____ cc: Florida Public Service Commission
EAG 1 Sid Matlock

LEG 1

LIN 3

OPC _____

RCH _____

SEC 1

WAS _____

OTH _____

04516

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1997 - March 1998

CRIST 6	Oct '97	Nov '97	Dec '97	Jan '98	Feb '98	Mar '98	Total
1. EAF (%)	41.5	0.0	88.5	98.1	95.8	99.9	70.6
2. PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
3. SH	311.8	0.0	463.0	581.1	672.0	744.0	2771.9
4. RSH	0.0	0.0	211.9	162.9	0.0	0.0	374.8
UH	433.2	720.0	69.1	0.0	0.0	0.0	1222.3
6. POH	339.5	720.0	44.0	0.0	0.0	0.0	1103.5
7. FOH	93.7	0.0	25.1	0.0	0.0	0.0	118.8
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9. PFOH	12.2	0.0	44.1	3.4	1.8	3.2	64.7
10. LR ₁ (MW)	59.6	0.0	120.4	291.6	5.0	52.2	112.7
11. PMOH	0.0	0.0	0.0	68.3	166.0	0.0	234.3
12. LR _{pm} (MW)	0.0	0.0	0.0	51.5	53.0	0.0	52.6
13. NSC (MW)	317.0	317.0	317.0	317.0	317.0	317.0	317.0
Oper Mbtu	653678.0	0.0	976005.0	1329098.0	1397115.0	1781671.0	6137567.0
Net Gen (MWH)	61980.0	0.0	88992.0	121638.0	131764.0	168221.0	572595.0
16. ANOHR (Btu/KWh)	10547.0	0.0	10967.0	10927.0	10603.0	10591.0	10719.0
17. NOF %	62.7	0.0	60.6	66.0	61.9	71.3	65.2
18. NPC (MW)	317.0	317.0	317.0	317.0	317.0	317.0	317.0
19. ANOHR Equation	$10\% / AKW * [654.55 - 35.22 * JAN - 46.17 * MAR - 35.64 * OCT]$ $+ 4.263 + 0.01390 * LSRF / AKW$						

100

4010 10/22/98

100

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1997 - March 1998

CRIST	Oct 97	Nov 97	Dec 97	Jan 98	Feb 98	Mar 98	Total
1. EAF (%)	81.9	87.9	33.4	75.5	41.1	69.0	65.1
2. PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
3. SH	619.8	606.3	257.9	600.2	278.2	529.3	2891.7
4. RSH	0.0	43.5	0.0	0.0	0.0	0.0	43.5
PH	125.2	70.2	486.1	143.8	393.8	214.7	1433.8
POH	0.0	48.0	439.6	0.0	0.0	192.0	579.6
7. FOH	0.8	0.0	46.5	48.8	393.8	22.7	512.6
MOH	124.4	22.2	0.0	95.0	0.0	0.0	241.6
9. PFOH	73.2	77.1	16.0	213.1	21.8	83.0	484.2
10. LR pf (MW)	67.2	58.6	285.2	91.0	51.3	95.1	87.6
11. PMOH	0.0	204.1	0.0	0.0	0.0	0.0	204.1
12. LR pm (MW)	0.0	19.0	0.0	0.0	0.0	0.0	19.0
13. NSC (MW)	504.0	504.0	504.0	504.0	504.0	504.0	504.0
14. Oper MBtu	2361155.0	2148812.0	691666.0	2284883.0	1113612.0	2247125.0	10847253.0
15. Net Gen (MWH)	230963.0	208035.0	65575.0	219958.0	110480.0	222863.0	1057874.0
16. ANOHR (Btu/KWH)	10223.0	10329.0	10548.0	10388.0	10080.0	10083.0	10254.0
17. NOF %	73.9	68.1	50.4	72.7	78.8	83.5	72.6
18. NPC (MW)	504.0	504.0	504.0	504.0	504.0	504.0	504.0
19. ANOHR Equation	$10^6 / AKW * [252.95 + 36.09 * JUL + 46.37 * AUG]$ + 9,712						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1997 - March 1998

SMITH 1	Oct 97	Nov 97	Dec 97	Jan 98	Feb 98	Mar 98	Total
1. EAF (%)	77.4	81.8	98.8	99.4	99.7	96.1	92.1
2. PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
3. SH	576.4	694.4	744.0	744.0	672.0	719.0	4149.8
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	168.6	25.6	0.0	0.0	0.0	25.0	219.2
6. PCH	168.6	25.6	0.0	0.0	0.0	0.0	194.2
7. PM	0.0	0.0	0.0	0.0	0.0	25.0	25.0
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9. PFOH	0.0	322.8	179.6	27.5	53.2	6.7	589.8
10. LR pf (MW)	0.0	52.6	7.9	27.1	6.8	102.7	34.2
11. PMOH	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
13. NSC (MW)	161.0	161.0	161.0	161.0	161.0	161.0	161.0
14. Oper MBtu	844066.0	876259.0	1052424.0	995174.0	878698.0	1010167.0	5656788.0
15. Net Gen (MWH)	82710.0	84859.0	102245.0	96191.0	84402.0	98008.0	548415.0
16. ANOHR (Btu/KWH)	10205.0	10326.0	10293.0	10346.0	10411.0	10307.0	10315.0
17. NOF %	89.1	75.9	85.4	80.3	78.0	84.7	82.1
18. NPC (MW)	161.0	161.0	161.0	161.0	161.0	161.0	161.0
19. ANOHR Equation	$10^6 / AKW * [66.85 + 18.60 * JAN + 12.96 * FEB + 15.65 * MAR + 22.26 * APR]$ + 9.758						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1997 - March 1998

SMITH 2	Oct '97	Nov '97	Dec '97	Jan '98	Feb '98	Mar '98	Total
1. EAF (%)	100.0	96.8	84.4	93.6	96.0	0.0	78.1
2. PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
3. SH	745.0	696.7	554.5	714.2	645.7	0.0	3356.1
4. RSH	0.0	0.0	73.8	0.0	0.0	0.0	73.8
5. UH	0.0	23.3	115.7	29.8	26.3	744.0	939.1
6. PCH	0.0	0.0	0.0	0.0	26.3	744.0	770.3
7. FOH	0.0	23.3	115.7	29.8	0.0	0.0	168.8
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9. PFOH	0.0	0.0	0.0	233.2	5.1	0.0	238.3
10. LR pl (MW)	0.0	0.0	0.0	14.5	15.9	0.0	14.5
11. PMOH	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
13. NSC (MW)	191.0	191.0	191.0	191.0	191.0	191.0	191.0
14. Oper Mbits	1217179.0	1116262.0	869453.0	1160113.0	1104831.0	0.0	5467838.0
15. Net Gen (MWh)	121509.0	110954.0	86253.0	114725.0	109765.0	0.0	543206.0
16. ANOHR (Btu/KWh)	10017.0	10061.0	10080.0	10112.0	10065.0	0.0	10066.0
17. NOF %	85.4	83.4	81.4	84.1	89.0	0.0	84.7
18. NPC (MW)	191.0	191.0	191.0	191.0	191.0	191.0	191.0
19. ANOHR Equation	$10 * 6 / AKW * [-4.92 + 14.46 * MAR + 12.91 * APR + 17.84 * JUL + 24.13 * AUG - 15.09 * NOV]$ $+ 10,366$						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1997 - March 1998

DANIEL 1	Oct '97	Nov '97	Dec '97	Jan '98	Feb '98	Mar '98	Total
1. EAF (%)	67.2	91.9	88.1	90.8	19.9	39.2	66.8
2. PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
3. SH	537.4	672.4	676.4	744.0	143.9	296.2	3070.3
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	207.6	47.6	67.6	0.0	528.1	447.8	1298.7
6. POH	184.6	0.0	0.0	0.0	528.1	447.8	1160.5
7. FOH	0.0	2.8	67.6	0.0	0.0	0.0	70.4
8. MOH	23.0	44.8	0.0	0.0	0.0	0.0	67.8
9. PFOH	399.9	142.4	399.8	713.8	132.9	25.6	1814.4
10. LR pf (MW)	41.5	35.0	24.2	43.9	36.0	86.6	38.4
11. PMOH	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
13. NSC (MW)	450.0	469.0	469.0	458.0	469.0	469.0	464.0
14. Oper MBtu	2100170.0	2684324.0	2636752.0	2633200.0	527623.0	1105492.0	11707561.0
15. Net Gen (MWH)	196212.0	256834.0	248770.0	250230.0	49801.0	105681.0	1107528.0
16. ANOHR (Btu/KWH)	10704.0	10452.0	10599.0	10603.0	10595.0	10461.0	10571.0
17. NOF %	81.1	81.4	78.4	73.4	73.8	76.1	77.7
18. NPC (MW)	450.0	469.0	469.0	458.0	469.0	469.0	464.0
19. ANOHR Equation	$10^6 / AKW * [-115.93]$ $+ 12,398 - 0.00411 * LSRF / AKW$						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1997 - March 1998

DANIEL 2	Oct 97	Nov 97	Dec 97	Jan 98	Feb 98	Mar 98	Total
1. EAF (%)	65.4	89.9	96.1	78.2	97.6	80.6	84.4
2. PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
3. SH	501.5	665.2	744.0	620.3	672.0	648.3	3851.3
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	243.5	54.8	0.0	123.7	0.0	95.7	517.7
6. POH	205.9	0.0	0.0	0.0	0.0	0.0	205.9
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8. MOH	37.6	54.8	0.0	123.7	0.0	95.7	311.8
9. PFOH	159.1	104.3	377.9	405.2	324.7	510.5	1881.7
10. LR pf (MW)	42.9	81.5	36.8	45.0	23.8	45.4	41.6
11. PMOH	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
13. NSC (MW)	477.0	477.0	477.0	477.0	477.0	477.0	477.0
14. Oper MBtu	2164625.0	2906812.0	3255709.0	2558729.0	2868640.0	2676909.0	16431424.0
15. Net Gen (MWH)	213696.0	286336.0	319618.0	252185.0	282447.0	262469.0	1616752.0
16. ANOHR (lbu/KWH)	10129.0	10152.0	10186.0	10146.0	10156.0	10199.0	10163.0
17. NOF %	89.3	90.2	90.1	85.2	88.1	84.9	88.0
18. NPC (MW)	477.0	477.0	477.0	477.0	477.0	477.0	477.0
19. ANOHR Equation	$10^6 / AKW * [74.15]$ $+ 11,439 - 0.00339 * LSRF / AKW$						

