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ORIGINAL



October 17, 1997

Ms. Blanca S. Bayo, Director
Division of Records and Reporting
Florida Public Service Commission
2540 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. 970001-EI

Attached are the Actual Unit Performance Data Schedules and
the Actual Unit Outage Data Schedules for September, 1997,
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

Susan D. Cranmer
Assistant Secretary and Assistant Treasurer

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AEA *Handwritten* _____
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cc: Florida Public Service Commission
Sid Matlock

DOCUMENT NUMBER-DATE

10739 OCT 20 5

FPSC-RECORDS/REPORTING

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1997 - September 1997

CRIST 6	Apr '97	May '97	Jun '97	Jul '97	Aug '97	Sep '97	Total
1. EAF (%)	100.0	97.2	99.9	83.7	95.4	91.2	94.5
2. PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3. SH	719.0	646.0	720.0	744.0	744.0	658.1	4231.1
4. RSH	0.0	82.6	0.0	0.0	0.0	0.0	82.6
5. UH	0.0	15.4	0.0	0.0	0.0	61.9	77.3
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7. FOH	0.0	1.0	0.0	0.0	0.0	61.9	62.9
8. MOH	0.0	14.4	0.0	0.0	0.0	0.0	14.4
9. PFOH	0.0	11.6	1.2	529.3	191.9	7.1	741.1
10. LR pf (MW)	0.0	149.5	196.9	72.6	57.0	80.5	70.0
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)	317.0	317.0	317.0	317.0	317.0	317.0	317.0
14. Oper MBtu	1285374.0	1177481.0	1323685.0	1522753.0	1575601.0	1439900.0	8324394.0
15. Net Gen (MFWH)	120758.0	110073.0	120096.0	137678.0	147345.0	136612.0	772562.0
16. ANOHR (Btu/KWH)	10644.0	10697.0	11022.0	11060.0	10693.0	10537.0	10775.0
17. NOF %	53.0	53.8	52.6	58.4	62.5	65.5	57.6
18. NPC (MW)	317.0	317.0	317.0	317.0	317.0	317.0	317.0
19. ANOHR Equation	$10^6 / AKW * [725.82 + 23.97 * JUL - 45.30 * OCT - 27.45 * NOV]$ $+ 3,651 + 0.01474 * LSRF / AKW$						

DOCUMENT NUMBER-DATE

10739 OCT 20 5

FPSC-RECORDS/REPORTING

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1997 - September 1997

CRIST 7	Apr '97	May '97	Jun '97	Jul '97	Aug '97	Sep '97	Total
1. EAF (%)	73.9	0.0	62.5	97.8	87.4	95.6	69.4
2. PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3. SH	536.6	0.0	450.6	736.0	654.3	696.3	3073.8
4. RSH	0.0	0.0	14.8	0.0	0.0	0.0	14.8
5. UH	182.4	744.0	254.6	8.0	89.7	23.7	1302.4
6. POH	120.0	744.0	101.9	0.0	0.0	0.0	965.9
7. FOH	62.4	0.0	152.7	8.0	89.7	23.7	336.5
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9. PPOH	34.8	0.0	49.7	30.0	23.4	21.9	169.8
10. LR pf (MW)	74.5	0.0	157.2	142.7	81.4	129.2	122.0
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)	504.0	504.0	504.0	504.0	504.0	504.0	504.0
14. Oper MBtu	1971302.0	2080.0	1518391.0	2857315.0	2528872.0	2814308.0	11692268.0
15. Net Gen (MWH)	190256.0	0.0	142240.0	269532.0	246556.0	275946.0	1124530.0
16. ANOHR (Btu/KWH)	10361.0	0.0	10675.0	10601.0	10257.0	10199.0	10397.0
17. NOF %	70.3	0.0	62.6	72.7	74.8	78.6	72.6
18. NPC (MW)	504.0	504.0	504.0	504.0	504.0	504.0	504.0
19. ANOHR Equation	$10^6 / AKW * [301.11 + 46.41 * JUL + 35.39 * AUG]$ + 9,597						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1997 - September 1997

SMITH 1	Apr '97	May '97	Jun '97	Jul '97	Aug '97	Sep '97	Total
1. EAF (%)	100.0	92.6	100.0	96.2	78.3	100.0	94.4
2. PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3. SH	719.0	692.0	720.0	717.7	584.2	720.0	4152.9
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	0.0	52.0	0.0	26.3	159.8	0.0	238.1
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7. FOH	0.0	0.0	0.0	26.3	159.8	0.0	186.1
8. MOH	0.0	52.0	0.0	0.0	0.0	0.0	52.0
9. PFOH	0.0	5.0	1.3	6.2	0.0	0.5	13.0
10. LR pf (MW)	0.0	36.0	24.8	54.6	0.0	86.0	45.7
11. PMOH	0.0	4.8	0.0	0.0	3.3	0.0	8.1
12. LR pm (MW)	0.0	71.0	0.0	0.0	96.0	0.0	81.2
13. NSC (MW)	161.0	161.0	161.0	161.0	161.0	161.0	161.0
14. Oper MBtu	1085101.0	960668.0	970857.0	1062647.0	831667.0	1076711.0	5987651.0
15. Net Gen (MWH)	108042.0	94720.0	94927.0	102703.0	81115.0	105725.0	587232.0
16. ANOHR (Btu/KWH)	10043.0	10142.0	10227.0	10347.0	10253.0	10184.0	10196.0
17. NOF %	93.3	85.0	81.9	88.9	86.2	91.2	87.8
18. NPC (MW)	161.0	161.0	161.0	161.0	161.0	161.0	161.0
19. ANOHR Equation	$10^6 / AKW * [98.13 + 27.71 * JAN + 20.59 * FEB + 15.87 * MAR + 21.16 * APR + 16.05 * NOV]$ + 9,552						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1997 - September 1997

SMITH 2	Apr '97	May '97	Jun '97	Jul '97	Aug '97	Sep '97	Total
1. EAF (%)	66.6	100.0	96.8	100.0	96.8	79.4	90.1
2. PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3. SH	479.0	744.0	596.9	744.0	720.3	571.7	3955.9
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	240.0	0.0	23.1	0.0	23.7	148.3	435.1
6. POH	240.0	0.0	0.0	0.0	0.0	148.3	388.3
7. FOH	0.0	0.0	23.1	0.0	23.7	0.0	46.8
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9. PFOH	0.2	0.0	0.0	0.0	0.3	0.0	0.5
10. LR pf (MW)	31.0	0.0	0.0	0.0	51.0	0.0	43.0
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 MBtu	798929.0	1127098.0	1025166.0	1216373.0	1164962.0	932946.0	6265474.0
15. Net Gen (MWH)	79143.0	110914.0	99596.0	118743.0	114960.0	93118.0	616474.0
16. ANOHR (Btu/KWH)	10095.0	10162.0	10293.0	10244.0	10134.0	10019.0	10163.0
17. NOF %	86.5	78.1	74.8	83.6	83.6	85.3	81.6
18. NPC (MW)	191.0	191.0	191.0	191.0	191.0	191.0	191.0
19. ANOHR Equation	$10\% / AKW * [221.33 + 14.81 * JAN + 20.38 * MAR + 16.00 * APR + 17.65 * JUL + 24.71 * AUG]$ $+ 7,228 + 0.01018 * LSRF / AKW$						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1997 - September 1997

DANIEL 1	Apr '97	May '97	Jun '97	Jul '97	Aug '97	Sep '97	Total
1. EAF (%)	86.7	70.9	98.3	80.5	*8.7	87.1	85.3
2. PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3. SH	640.3	568.2	720.0	662.0	665.4	654.7	3910.6
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	78.7	175.8	0.0	82.0	78.6	65.3	480.4
6. POH	0.0	175.8	0.0	0.0	0.0	0.0	175.8
7. FOH	0.0	0.0	0.0	82.0	78.6	65.3	225.9
8. MOH	78.7	0.0	0.0	0.0	0.0	0.0	78.7
9. PFOH	263.0	394.1	186.4	534.4	36.6	535.8	1950.3
10. LR pf (MW)	30.8	48.0	29.2	52.9	70.0	23.2	38.8
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)	469.0	469.0	450.0	450.0	450.0	450.0	456.3
14. Oper MBtu	2935642.0	2342115.0	2949468.0	2733058.0	2730115.0	2546503.0	16236901.0
15. Net Gen (MWH)	278328.0	223625.0	278161.0	255524.0	255580.0	238566.0	1529784.0
16. ANOHR (Btu/°CWH)	10547.0	10473.0	10603.0	10696.0	10682.0	10674.0	10614.0
17. NOF %	92.7	83.9	85.9	85.8	85.4	81.0	85.7
18. NPC (MW)	469.0	469.0	450.0	450.0	450.0	450.0	456.3
19. ANOHR Equation	$10\% / AKW * [-63.11]$ $+ 12,153 - 0.00405 * LSRF / AKW$						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1997 - September 1997

DANIEL 2	Apr '97	May '97	Jun '97	Jul '97	Aug '97	Sep '97	Total
1. EAF (%)	78.9	75.1	98.8	87.3	99.4	97.5	89.5
2. PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3. SH	598.9	573.3	720.0	665.6	744.0	720.0	4021.8
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	120.1	170.7	0.0	78.4	0.0	0.0	369.2
6. POH	120.1	90.7	0.0	0.0	0.0	0.0	210.8
7. FOH	0.0	11.4	0.0	78.4	0.0	0.0	89.8
8. MOH	0.0	68.6	0.0	0.0	0.0	0.0	68.6
9. PFOH	126.8	173.1	164.1	218.4	206.3	609.4	1498.1
10. LR pf (MW)	118.2	40.4	25.8	35.5	10.8	14.0	29.9
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	2650107.0	2476504.0	3099542.0	2922525.0	3366742.0	3156607.0	17672027.0
15. Net Gen (MWH)	258017.0	239166.0	300247.0	282192.0	323887.0	305023.0	1708532.0
16. ANOHR (Btu/KWH)	10271.0	10355.0	10323.0	10357.0	10395.0	10349.0	10343.0
17. NOF %	90.3	87.5	87.4	88.9	91.3	88.8	89.1
18. NPC (MW)	477.0	477.0	477.0	477.0	477.0	477.0	477.0
19. ANOHR Equation	$10\% / AKW * [-26.20 + 56.91 * AUG]$ $+ 12,436 - 0.00540 * LSRF / AKW$						

