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Pensacola, Florida 32520

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FLORIDA PUBLIC  
SERVICE COMMISSION

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MAIL ROOM



September 17, 1998

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. 980001-EI

Attached are the Actual Unit Performance Data Schedules and  
the Actual Unit Outage Data Schedules for August, 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*

Susan D. Cranmer  
Assistant Secretary and Assistant Treasurer

ACK \_\_\_\_\_  
AFA Validina  
APP \_\_\_\_\_ lw  
CAF \_\_\_\_\_ Attachment  
CMU \_\_\_\_\_  
CTR \_\_\_\_\_ cc: Florida Public Service Commission  
                    Sid Matlock  
EAG 1  
LEG 1  
LIN 3  
OPC \_\_\_\_\_  
RCH \_\_\_\_\_  
SEC 1  
WAS \_\_\_\_\_  
OTH \_\_\_\_\_

DOCUMENT NUMBER-DATE

10402 SEP 21 98

FPSC-RECORDS/REPORTING

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1998 - September 1998

CRIST 6	Apr '98	May '98	Jun '98	Jul '98	Aug '98
1. EAF (%)	61.2	95.1	92.0	97.7	100.0
2. PH	719.0	744.0	720.0	744.0	744.0
3. SH	464.6	709.7	662.8	730.2	744.0
4. RSH	0.0	0.0	0.0	0.0	0.0
5. UH	254.4	34.3	57.2	13.8	0.0
6. POH	253.7	0.0	0.0	0.0	0.0
7. FOH	0.7	34.3	57.2	0.0	0.0
8. MOH	0.0	0.0	0.0	13.8	0.0
9. PFOH	93.9	6.7	0.2	12.8	0.9
10. LR pf (MW)	82.6	110.2	191.0	80.6	50.6
11. PMOH	0.0	0.0	0.0	0.0	0.0
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0
13. NSC (MW)	317.0	317.0	317.0	317.0	317.0
14. Oper MBtu	1081461.0	1775066.0	1697944.0	1972769.0	1973270.0
15. Net Gen (MWH)	102337.0	169835.0	160682.0	184127.0	180910.0
16. ANOHR (Btu/KWH)	10568.0	10452.0	10567.0	10714.0	10907.0
17. NOF %	69.5	75.5	76.5	79.5	76.7
18. NPC (MW)	317.0	317.0	317.0	317.0	317.0
19. ANOHR Equation	$10\% / AKW * [ 593.85 - 27.74 * JAN - 40.10 * MAR + 30.09 * JUL + 26.73 * AUG - 25.29 * OCT ]$ $+ 5.067 + 0.01123 * LSRF / AKW$				

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1998 - September 1998

CRIST 7	Apr '98	May '98	Jun '98	Jul '98	Aug '98
1. EAF (%)	96.5	98.3	75.7	94.5	76.9
2. PH	719.0	744.0	720.0	744.0	744.0
3. SH	696.7	739.2	557.7	712.1	577.9
4. RSH	0.0	0.0	0.0	0.0	0.0
5. UH	22.3	4.8	162.3	31.9	166.1
6. POH	0.0	0.0	0.0	0.0	0.0
7. FOH	22.3	4.8	162.3	0.0	166.1
8. MOH	0.0	0.0	0.0	31.9	0.0
9. PFOH	13.6	46.1	58.7	41.1	70.9
10. LR pf (MW)	113.6	88.7	108.1	112.0	42.5
11. PMOH	0.0	0.0	0.0	0.0	0.0
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0
13. NSC (MW)	504.0	504.0	504.0	504.0	504.0
14. Oper MBtu	3231604.0	3526223.0	2456547.0	3175047.0	2505083.0
15. Net Gen (MWH)	315480.0	335210.0	240340.0	312843.0	242403.0
16. ANOHR (Btu/KWH)	10243.0	10519.0	10221.0	10149.0	10334.0
17. NOF %	89.8	90.0	85.5	87.2	83.2
18. NPC (MW)	504.0	504.0	504.0	504.0	504.0
19. ANOHR Equation	$10^6 / AKW * [ 276.36 + 63.12 * MAY + 69.54 * JUL ]$ $= 9,621$				

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1998 - September 1998

SMITH 1	Apr '98	May '98	Jun '98	Jul '98	Aug '98
1. EAF (%)	99.8	99.7	70.0	99.9	99.9
2. PH	719.0	744.0	720.0	744.0	744.0
3. SH	719.0	744.0	504.1	744.0	744.0
4. RSH	0.0	0.0	0.0	0.0	0.0
5. UH	0.0	0.0	215.9	0.0	0.0
6. POH	0.0	0.0	215.9	0.0	0.0
7. FOH	0.0	0.0	0.0	0.0	0.0
8. MOH	0.0	0.0	0.0	0.0	0.0
9. PFOH	9.5	12.8	0.0	24.6	2.2
10. LR pf (MW)	26.7	26.0	0.0	2.7	42.4
11. PMOH	1.2	0.0	0.0	0.0	0.0
12. LR pm (MW)	26.0	0.0	0.0	0.0	0.0
13. NSC (MW)	161.0	161.0	161.0	161.0	161.0
14. Oper MBtu	1048591.0	1178882.0	788134.0	1177990.0	1165018.0
15. Net Gen (MWH)	103185.0	114787.0	77397.0	115257.0	114945.0
16. ANOHR (Btu/KWH)	10162.0	10270.0	10183.0	10221.0	10135.0
17. NOF %	89.1	95.8	95.4	96.2	96.0
18. NPC (MW)	161.0	161.0	161.0	161.0	161.0
19. ANOHR Equation	$10^6 / AKW * [ 69.20 + 18.16 * JAN + 12.44 * FEB + 15.12 * MAR + 8.67 * MAY + 10.92 * JUL ]$ + 9,744				

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1998 - September 1998

SMITH 2	Apr '98	May '98	Jun '98	Jul '98	Aug '98
1. EAF (%)	0.0	21.5	97.8	93.4	99.8
2. PH	719.0	744.0	720.0	744.0	744.0
3. SH	0.0	184.9	707.2	737.7	744.0
4. RSH	0.0	0.0	0.0	0.0	0.0
5. UH	719.0	559.1	12.8	6.3	0.0
6. POH	719.0	331.5	0.0	0.0	0.0
7. FOH	0.0	227.6	12.8	6.3	0.0
8. MOH	0.0	0.0	0.0	0.0	0.0
9. PFOH	0.0	51.1	6.5	94.5	9.9
10. LR pf (MW)	0.0	92.8	14.1	86.1	21.8
11. PMOH	0.0	0.0	8.3	0.0	0.0
12. LR pen (MW)	0.0	0.0	60.0	0.0	0.0
13. NSC (MW)	191.0	191.0	191.0	191.0	191.0
14. Oper MBtu	105.0	270373.0	1316452.0	1293595.0	1379711.0
15. Net Gen (MWH)	0.0	25830.0	131525.0	129034.0	137943.0
16. ANOHR (Btu/KWH)	0.0	10467.0	10009.0	10025.0	10002.0
17. NOF %	0.0	73.1	97.4	91.6	97.1
18. NPC (MW)	191.0	191.0	191.0	191.0	191.0
19. ANOHR Equation	$10^6 / AKW * [ -18.22 + 16.52 * MAR - 13.41 * MAY - 22.58 * SEP - 13.92 * NOV ]$ $+ 10,446$				

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1998 - September 1998

DANIEL 1	Apr '98	May '98	Jun '98	Jul '98	Aug '98
1. EAF (%)	85.2	98.0	95.5	83.4	97.7
2. PH	719.0	744.0	720.0	744.0	744.0
3. SH	626.8	744.0	720.0	668.5	744.0
4. RSH	0.0	0.0	0.0	0.0	0.0
5. UH	92.2	0.0	0.0	75.5	0.0
6. POH	0.0	0.0	0.0	0.0	0.0
7. FOH	92.2	0.0	0.0	3.4	0.0
8. MOH	0.0	0.0	0.0	72.1	0.0
9. PFOH	155.2	138.9	470.4	482.7	202.8
10. LR pf (MW)	44.0	50.9	32.6	47.2	40.0
11. PMOH	0.0	0.0	0.0	0.0	0.0
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0
13. NSC (MW)	477.0	477.0	477.0	477.0	477.0
14. Oper MBtu	2581545.0	3140341.0	3014237.0	2761421.0	3261113.0
15. Net Gen (MWH)	247583.0	303498.0	285918.0	263368.0	312346.0
16. ANOHR (Btu/KWH)	10427.0	10360.0	10542.0	10485.0	10441.0
17. NOF %	82.8	85.5	83.3	82.6	88.0
18. NPC (MW)	477.0	477.0	477.0	477.0	477.0
19. ANOHR Equation	$10^6 / \text{AKW} * [ -103.81 - 44.15 * \text{MAR} - 40.19 * \text{NOV} ]$ $+ 12.196 - 0.00343 * \text{LSRF} / \text{AKW}$				

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1998 - September 1998

DANIEL 2	Apr '98	May '98	Jun '98	Jul '98	Aug '98
1. EAF (%)	65.8	88.6	79.8	91.5	78.6
2. PH	719.0	744.0	720.0	744.0	744.0
3. SH	498.7	723.0	636.5	744.0	645.9
4. RSH	0.0	0.0	0.0	0.0	0.0
5. UH	220.3	21.0	83.5	0.0	98.1
6. POH	0.0	0.0	0.0	0.0	0.0
7. FOH	0.0	0.0	0.0	0.0	98.1
8. MOH	220.3	21.0	83.5	0.0	0.0
9. PFOH	208.0	639.0	630.8	587.6	592.7
10. LR pf (MW)	58.7	47.7	47.1	51.1	49.0
11. PMOH	0.0	0.0	0.0	0.0	0.0
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0
13. NSC (MW)	477.0	477.0	477.0	477.0	477.0
14. Oper MBtu	2082081.0	3075589.0	2787471.0	3270805.0	2799693.0
15. Net Gen (MWH)	204942.0	301482.0	268711.0	310738.0	265423.0
16. ANOHR (Btu/KWH)	10159.0	10202.0	10373.0	10526.0	10548.0
17. NOF %	86.2	87.4	88.5	87.6	86.1
18. NPC (MW)	477.0	477.0	477.0	477.0	477.0
19. ANOHR Equation	$10^6 / AKW * [ 218.47 + 30.22 * MAY + 42.12 * SEP ]$ $+ 9.738$				

ACTUAL UNIT OUTAGE DATA

GULF POWER COMPANY

August, 1998

Crist 6

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
08/12	PFO	0.3	73	Pulverizer Control System Problem
08/20	PFO	0.3	57	Pulverizer Feeder Problem
08/25	PFO	0.3	13	Low Btu Coal

- \* 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, 1998

Crist 7

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
08/02	PFO	0.7	117	Burner Problem
08/05	PFO	1.3	20	Pulverizer Mill Problem
08/06	PFO	0.7	68	Pulverizer Feeder Problem
08/06	PFO	0.3	97	Burner Problem
08/09	PFO	12.5	20	Boiler Steam Flow Restriction
08/10	PFO	15.4	20	Boiler Steam Flow Restriction
08/11	FFO	73.1	504	Boiler Tube Leak - Superheater
08/15	PFO	8.4	20	Boiler Steam Flow Restriction
08/17	PFO	9.1	15	Boiler Steam Flow Restriction
08/17	FFO	45.4	504	Boiler Tube Leak - Furnace Wall
08/24	PFO	0.5	78	Burner Problem
08/25	PFO	0.4	59	Pulverizer Feeder Problem
08/26	PFO	12.7	78	Low Btu Coal
08/27	FFO	47.7	504	Boiler Tube Leak - Furnace Wall
08/29	PFO	4.8	88	Pulverizer Mill Problem
08/29	PFO	4.3	118	Pulverizer Mill Problem

- \* FFO - Full Forced Outage
- PFO - Partial Forced Outage
- FMO - Full Maintenance Outage
- PMO - Partial Maintenance Outage
- PO - Planned Outage







