

One Energy Place  
Pensacola, Florida 32520

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ORIGINAL



May 18, 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 April, 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 Handover Susan D. Cranmer  
Assistant Secretary and Assistant Treasurer

APP \_\_\_\_\_  
CAF \_\_\_\_\_ lw

CMU \_\_\_\_\_ Attachment

CTR \_\_\_\_\_  
cc: Florida Public Service Commission  
EAG Handover Sid Matlock

LEG 1

LIN 3

OPC \_\_\_\_\_

RCH \_\_\_\_\_

SEC 1

WAS \_\_\_\_\_

OTH \_\_\_\_\_

DOCUMENT NUMBER DATE

05551 MAY 19 98

FPSC-RECORDS/REPORTING

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1998 - September 1998

	CRIST 6	Apr 98						
1.	EAF (%)	61.2						
2.	PH	719.0						
3.	SH	464.6						
4.	RSH	0.0						
5.	UH	254.4						
6.	POH	253.7						
7.	FOH	0.7						
8.	MOH	0.0						
9.	PFOH	93.9						
10.	LR pf (MW)	82.6						
11.	PMOH	0.0						
12.	LR pm (MW)	0.0						
13.	NSC (MW)	317.0						
14.	Oper MBtu	1081461.0						
15.	Net Gen (MWH)	102337.0						
16.	ANOHR (Btu/KWH)	10568.0						
17.	NOF %	69.5						
18.	NPC (MW)	317.0						
19.	ANOHR Equation	$10^6 / AKW * [ 593.85 - 27.74 * JAN - 40.10 * MAR + 30.09 * JUL + 26.73 * AUG - 25.29 * OCT ]$ $+ 5,067 + 0.01123 * LSRF / AKW$						

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1998 - September 1998

	CRIST 7	Apr '98				
1.	EAF (%)	96.5				
2.	PH	719.0				
3.	SH	696.7				
4.	RSH	0.0				
5.	UH	22.3				
6.	POH	0.0				
7.	FOH	22.3				
8.	MOH	0.0				
9.	PFOH	13.6				
10.	LR pf (MW)	113.6				
11.	PMOH	0.0				
12.	LR pm (MW)	0.0				
13.	NSC (MW)	504.0				
14.	Oper MBtu	3231604.0				
15.	Net Gen (MWH)	315480.0				
16.	ANOHR (Btu/KWH)	10243.0				
17.	NOF %	89.8				
18.	NPC (MW)	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				
1.	EAF (%)	99.8				
2.	PH	719.0				
3.	SH	719.0				
4.	RSH	0.0				
5.	UH	0.0				
6.	POH	0.0				
7.	FOH	0.0				
8.	MOH	0.0				
9.	PFOH	9.5				
10.	LR pf (MW)	26.7				
11.	PMOH	1.2				
12.	LR pm (MW)	26.0				
13.	NSC (MW)	161.0				
14.	Oper MBtu	1048591.0				
15.	Net Gen (MWH)	103185.0				
16.	ANOHR (Btu/KWH)	10162.0				
17.	NOF %	89.1				
18.	NPC (MW)	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				
1. EAF (%)	0.0				
2. PH	719.0				
3. SH	0.0				
4. RSH	0.0				
5. UH	719.0				
6. POH	719.0				
7. FOH	0.0				
8. MOH	0.0				
9. PFOH	0.0				
10. LR pf (MW)	0.0				
11. PMOH	0.0				
12. LR pm (MW)	0.0				
13. NSC (MW)	191.0				
14. Oper MBtu	105.0				
15. Net Gen (MWH)	0.0				
16. ANOHR (Btu/KWH)	0.0				
17. NOF %	0.0				
18. NPC (MW)	191.0				
19. ANOHR Equation	$10\% / AKW * [ -18.22 + 16.52 * MAR - 13.41 * MAY - 22.58 * SEP - 13.92 * NOV ]$ + 10,446				

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1998 - September 1998

DANIEL 1	Apr '98			
1. EAF (%)	85.2			
2. PH	719.0			
3. SH	626.8			
4. RSH	0.0			
5. UH	92.2			
6. POH	0.0			
7. FOH	92.2			
8. MOH	0.0			
9. PFOH	155.2			
10. LR pf (MW)	44.0			
11. PMOH	0.0			
12. LR pm (MW)	0.0			
13. NSC (MW)	477.0			
14. Oper MBtu	2581545.0			
15. Net Gen (MWH)	247583.0			
16. ANOHR (Btu/KWH)	10427.0			
17. NOF %	82.8			
18. NPC (MW)	477.0			
19. ANOHR Equation	$10^6 / AKW * [ -103.81 - 44.15 * MAR - 40.19 * NOV ]$ $+ 12,196 - 0.00343 * LSRF / AKW$			

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1998 - September 1998

	DANIEL 2	Apr '98				
1.	EAF (%)	65.8				
2.	PH	719.0				
3.	SH	498.7				
4.	RSH	0.0				
5.	UH	220.3				
6.	POH	0.0				
7.	FOH	0.0				
8.	MOH	220.3				
9.	PFOH	208.0				
10.	LR pf (MW)	58.7				
11.	PMOH	0.0				
12.	LR pm (MW)	0.0				
13.	NSC (MW)	477.0				
14.	Oper MBtu	2082081.0				
15.	Net Gen (MWH)	204942.0				
16.	ANOHR (Btu/KWH)	10159.0				
17.	NOF %	86.2				
18.	NPC (MW)	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

April, 1998

Smith 1

DATE	OUTAGE TYPE *	HOURS	(MW) AFFECTED	DESCRIPTION
04/09	PFO	2.2	46	Foreign Object In Pulverizer Mill
04/12	PFO	3.2	13	Boiler Feedwater Control Problem
04/16	PFO	1.3	25	Pulverizer Feeder Problem
04/22	PFO	2.9	28	Pulverizer Feeder Problem
04/26	PMO	0.8	26	Pulverizer Inspection
04/26	PMO	0.4	26	Pulverizer Inspection

\* 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**

April, 1998

Daniel 1

DATE	OUTAGE		(MW) AFFECTED	DESCRIPTION
	TYPE *	HOURS		
04/01	PFO	7.0	17	Boiler Control System Problem
04/03	PFO	28.1	7	Boiler Control System Problem
04/04	PFO	53.0	5	Boiler Control System Problem
04/09	PFO	2.2	222	Feedwater Pump Lube Oil Problem
04/10	PFO	8.0	227	Boiler Tube Leak - Economizer
04/10	FFO	61.4	477	Boiler Tube Leak - Economizer
04/17	FFO	30.7	477	Boiler Tube Leak - Furnace Wall
04/21	PFO	3.3	15	Boiler Tube Slagging Problem
04/23	PFO	0.4	5	Boiler Control System Problem
04/28	PFO	10.2	82	Wet Coal Problem
04/29	PFO	2.1	55	Wet Coal Problem
04/29	PFO	2.5	109	Pulverizer Control System Problem
04/29	PFO	8.9	72	Wet Coal Problem
04/29	PFO	29.5	69	Wet Coal Problem

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

