ORIGINAL

GULF POWER COMPANY
TESTIMONY AND EXHIBITS OF
G. D. FONTAINE

GENERATING PERFORMANCE INCENTIVE FACTOR

RESULTS FOR

APRIL 1998 - SEPTEMBER 1998
and
OCTOBER 1998 - DECEMBER 1998

Before

THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 990001-EI

GULF POWER COMPANY
Before the Florida Public Service Commission
Direct Testimony of
G. D. Fontaine
Docket No. 990001-EI
Date of Filing April 1, 1999

Q. Please state your name, address and occupation.

A. My name is George D. Fontaine, my business address is One Energy Place, Pensacola, Florida 32520-0335, and my position is Performance Test Specialist for Gulf Power Company.

Q. Please describe your educational and business background.

A. I received my Bachelor of Mechanical Engineering Degree from Auburn University in 1980. Following graduation, I joined Gulf Power Company as an Associate Engineer at the Scholz Electric Generating Plant, and as I previously stated, my current position is Performance Test Specialist. I am also a registered Professional Engineer in the State of Florida.

Q. Mr. Fontaine, have you previously testified in this Docket?

A. Yes, sir.

Q. Mr. Fontaine, what is the purpose of your testimony in this proceeding?

A. The purpose of my testimony is to present GPIF results for Gulf Power Company for the periods of April 1, 1998, through September 30, 1998 and October 1, 1998, through December 31, 1998.

Q. Mr. Fontaine, have you prepared exhibits that contain information to which you will refer in your testimony?

A. Yes, Sir, I have prepared two exhibits consisting of five schedules in each exhibit.

Q. Mr. Fontaine, were these exhibits prepared by you or under your direction and supervision?

A. Yes, they were.

Counsel: We ask that Mr. Fontaine's exhibits be marked for identification as exhibit _____(GDF-1) and exhibit _____(GDF-2).

Q. Mr. Fontaine, before reviewing the GPIF Results for Gulf's units, is there any information which has been supplied to the Commission pertaining to this GPIF period which requires amendment?

A. Yes, some corrections need to be made to the actual

unit performance data which was submitted monthly to the Commission during these periods. These corrections are based on discoveries made during our final review to determine the accuracy of this information prior to this proceeding. The Actual Unit Performance Data tables on pages 14 to 19 of Schedule 5 in Exhibits I and II incorporate these changes. The data contained on these tables is the data upon which the GPIF calculations were made.

Also, when the Estimated Calculation of Maximum Allowed Incentive Dollars was filed, in June 1998 for the October 1998 through December 1998 period, the calculation was erroneously made for a six month period instead of a three month period. The Actual Calculation of Maximum Allowed Incentive Dollars was correctly calculated for a three month period for the October 1998 through December 1998 period.

Q. Mr. Fontaine, would you now review the Company's equivalent availability results for the April 1998 through September 1998 period?

A. Actual equivalent availability and adjusted actual equivalent availability figures for each of the Company's GPIF units are shown on page 13 of Schedule 5, Exhibit I. Pages 3 through 8 of Schedule 2,

Exhibit I contain the calculations for the adjusted actual equivalent availabilities.

A calculation of GPIF availability points based on these availabilities and the targets established by Commission Order PSC-98-0412-FOF-EI is on page 9 of Schedule 2, Exhibit I. The results are: Crist 6, +7.22 points; Crist 7, -4.35 points; Smith 1, +10.00 points; Smith 2, -8.75 points; Daniel 1, +3.00 points, and Daniel 2, -10.00 points.

Q. Mr. Fontaine, what were the heat rate results for the April 1998 through September 1998 period?

A. The detailed calculation of the actual average net operating heat rates for the Company's GPIF units is on pages 2 through 7 of Schedule 3, Exhibit I. These heat rate figures have not, at this point, been adjusted in accordance with GPIF procedures for load and other factors to the bases of their targets.

As was done for the prior GPIF periods, and as indicated on pages 8 through 13 of Schedule 3, Exhibit I, the target setting equations were used to adjust actual results to the target bases. These equations, submitted in January 1998, are shown on page 15 of Schedule 3, Exhibit I.

As calculated on page 16 of Schedule 3, Exhibit I,

the adjusted actual average net operating heat rates correspond to GPIF unit heat rate points of: -3.00 for Crist 6, 0.00 for Crist 7; 0.00 for Smith 1, +9.40 for Smith 2; 0.00 for Daniel 1; and -1.03 for Daniel 2.

Q. Mr. Fontaine, what number of Company points were achieved during the April 1998 through September 1998 period, and what reward or penalty is indicated by these points according to the GPIF procedure?

A. Using the unit equivalent availability and heat rate points previously mentioned, along with the appropriate weighting factors, the Company points would be -0.90 as indicated on page 2 of Schedule 4, Exhibit I. This calculates to a penalty in the amount of $75,355 for the April 1998 through September 1998 period.

Q. Mr. Fontaine, would you now review the Company's equivalent availability results for the October 1998 through December 1998 period?

A. Actual equivalent availability and adjusted actual equivalent availability figures for each of the Company's GPIF units are shown on page 13 of Schedule 5, Exhibit II. Pages 3 through 8 of Schedule 2, Exhibit II contain the calculations for the adjusted actual equivalent availabilities.

A calculation of GPIF availability points based on these availabilities and the targets established by Commission Order PSC-98-1715-FOF-EI is on page 9 of Schedule 2, Exhibit II. The results are: Crist 6, +10.00 points; Crist 7, +10.00 points; Smith 1, -10.00 points; Smith 2, +10.00 points; Daniel 1, -10.00 points, and Daniel 2, -10.00 points.

Q. Mr. Fontaine, what were the heat rate results for the October 1998 through December 1998 period?

A. The detailed calculation of the actual average net operating heat rates for the Company's GPIF units is on pages 2 through 7 of Schedule 3, Exhibit II. These heat rate figures have not, at this point, been adjusted in accordance with GPIF procedures for load and other factors to the bases of their targets.

As was done for the prior GPIF periods, and as indicated on pages 8 through 13 of Schedule 3, Exhibit II, the target setting equations were used to adjust actual results to the target bases. These equations, submitted in June 1998, are shown on page 15 of Schedule 3, Exhibit II.

As calculated on page 16 of Schedule 3, Exhibit II, the adjusted actual average net operating heat rates correspond to GPIF unit heat rate points of:

-2.27 for Crist 6, 0.00 for Crist 7; +2.99 for Smith 1, +9.87 for Smith 2; -10.00 for Daniel 1; and 0.00 for Daniel 2.

Q. Mr. Fontaine, what number of Company points were achieved during the October 1998 through December 1998 period, and what reward or penalty is indicated by these points according to the GPIF procedure?

A. Using the unit equivalent availability and heat rate points previously mentioned, along with the appropriate weighting factors, the Company points would be +0.91 as indicated on page 2 of Schedule 4, Exhibit II. This calculates to a reward in the amount of $38,676 for the October 1998 through December 1998 period.

Q. Mr. Fontaine, would you please summarize your testimony?

A. Yes, Sir. In view of the adjusted actual equivalent availabilities, as shown on page 9 of Schedule 2, Exhibits I and II, and the adjusted actual average net operating heat rates achieved, as shown on page 16 of Schedule 3, Exhibits I and II, evidencing the Company's performance for the period, Gulf calculates a net penalty in the amount of $36,679 for the total period of April 1998 through December 1998 as provided for by

the GPIF plan.

Q. Mr. Fontaine, does this conclude your testimony?

A. Yes, Sir.

14

Florida Public Service Commission
Docket No. 990001-EI
Gulf Power Company
Witness: G. D. Fontaine
Exhibit No. ___ (GDF-1)

EXHIBIT I TO THE TESTIMONY OF

G. D. FONTAINE

IN FPSC DOCKET 990001-EI

I. CORRECTIONS TO REPORTED DATA FOR THE APRIL 1998 - SEPTEMBER 1998 PERIOD

Additions and Corrections to Outages Previously Reported
for the April 1998 - September 1998 Period

Date	Unit	Change	Outage Type	Hours	MW	Description
07/98	Crist 6	Event Type	FOH	13.8	317.0	Incorrectly Reported
07/98	Crist 7	Event Type	FOH	31.9	504.0	Incorrectly Reported
06/98	Daniel 2	LR pf	PFOH	630.8	47.7	Incorrectly Reported

II. CALCULATIONS OF EQUIVALENT AVAILABILITY POINTS

Comparison of Forecast and Actual Planned Outages
for April 1998 - September 1998

Unit	Note	Forecast Planned Outage Schedule	Forecast Hours*	Actual Planned Outage Schedule	Actual Hours*
Crist 6	1	04/11/98 - 04/26/98	384.0	04/17/98 - 04/28/98	253.7
Crist 7	2	03/21/98 - 04/05/98	119.0	None	0.0
Smith 1	3	05/16/98 - 05/31/98	384.0	06/04/98 - 06/13/98	215.9
Smith 1	4	09/19/98 - 09/27/98	216.0	09/18/98 - 09/25/98	152.4
Smith 2	5	02/28/98 - 05/10/98	959.0	02/27/98 - 05/15/98	1050.5
Daniel 1	6	03/07/98 - 04/19/98	455.0	None	0.0
Daniel 1	7	05/23/98 - 05/31/98	216.0	None	0.0
Daniel 1	8	09/12/98 - 12/13/98	456.0	09/11/98 - 12/13/98	458.5
Daniel 2	9	05/02/98 - 05/10/98	216.0	None	0.0

* Planned outage hours in the April 1998 - September 1998 period only.

Notes:

1. This outage was deferred one week and shortened because of system reserve requirements.
2. This outage was canceled because of planned work being completed during an extended forced outage in the preceding reporting period.
3. This outage was deferred until June and the work was completed quicker than forecasted.
4. This outage proceeded as scheduled.
5. This outage proceeded as scheduled and was lengthened to complete unforeseen work.
6. This outage was moved forward and completed in a preceding reporting period.
7. This outage was canceled because the planned work was completed during maintenance outages.
8. This outage proceeded as scheduled.
9. This outage was canceled because the planned work was completed during maintenance outages.

Calculation of Actual Equivalent Availability
for April 1998 - September 1998
Based on Target Planned Outage Hours
Crist 6

Results of Operations

	Apr	May	Jun	Jul	Aug	Sep	Total
FOH	0.7	34.3	57.2	13.8	0.0	38.9	144.9
EFOH	24.5	2.3	0.1	3.3	0.1	38.9	69.2
MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
POH	253.7	0.0	0.0	0.0	0.0	0.0	253.7
RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(144.9 + 69.2 + 0.0 + 0.0)}{(4391.0 - 253.7 - 0.0)}$$

EUOR = 0.0517

$$2.\ EA = \left[1 - \frac{(POH^* + EUOR\ (PH - POH^* - RSH^*))}{PH} \right] \times 100$$

Target POH* = 384.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(384.0 + 0.0517\ (4391.0 - 384.0 - 0.0))}{4391.0} \right] \times 100 = 86.5\ \%$$

Note: Please refer to page 10 of this schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
for April 1998 - September 1998
Based on Target Planned Outage Hours
Crist 7

Results of Operations

	Apr	May	Jun	Jul	Aug	Sep	Total
FOH	22.3	4.8	162.3	31.9	166.1	78.9	466.3
EFOH	3.1	8.1	12.6	9.1	6.0	50.2	89.1
MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(466.3 + 89.1 + 0.0 + 0.0)}{(4391.0 - 0.0 - 0.0)}$$

EUOR = 0.1265

$$2.\ EA = \left[1 - \frac{(POH^* + EUOR\ (PH - POH^* - RSH^*))}{PH} \right] \times 100$$

Target POH* = 119.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(119.0 + 0.1265\ (4391.0 - 119.0 - 0.0))}{4391.0} \right] \times 100 = 85.0\ \%$$

Note: Please refer to page 10 of this schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
for April 1998 - September 1998
Based on Target Planned Outage Hours
Smith 1

Results of Operations

	Apr	May	Jun	Jul	Aug	Sep	Total
FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EFOH	1.6	2.1	0.0	0.4	0.6	2.3	7.0
MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMOH	0.2	0.0	0.0	0.0	0.0	0.0	0.2
PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
POH	0.0	0.0	215.9	0.0	0.0	152.4	368.3
RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(0.0 + 7.0 + 0.0 + 0.2)}{(4391.0 - 368.3 - 0.0)}$$

$$EUOR = 0.0018$$

$$2.\ EA = \left[1 - \frac{(POH^* + EUOR\ (PH - POH^* - RSH^*))}{PH} \right] \times 100$$

$$\text{Target } POH^* = 600.0$$

$$\text{Target } RSH^* = 0.0$$

$$EA = \left[1 - \frac{(600.0 + 0.0018\ (4391.0 - 600.0 - 0.0))}{4391.0} \right] \times 100 = 86.2\ \%$$

Note: Please refer to page 10 of this schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
for April 1998 - September 1998
Based on Target Planned Outage Hours
Smith 2

Results of Operations

	Apr	May	Jun	Jul	Aug	Sep	Total
FOH	0.0	227.6	12.8	6.3	0.0	0.0	246.7
EFOH	0.0	24.8	0.5	42.6	1.1	0.0	69.0
MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMOH	0.0	0.0	2.6	0.0	0.0	0.0	2.6
PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
POH	719.0	331.5	0.0	0.0	0.0	0.0	1050.5
RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(246.7 + 69.0 + 0.0 + 2.6)}{(4391.0 - 1050.5 - 0.0)}$$

$$EUOR = 0.0953$$

$$2.\ EA = \left[1 - \frac{(POH^* + EUOR\ (PH - POH^* - RSH^*))}{PH} \right] \times 100$$

Target POH* = 959.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(959.0 + 0.0953\ (4391.0 - 959.0 - 0.0))}{4391.0} \right] \times 100 = 70.7\ \%$$

Note: Please refer to page 10 of this schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
for April 1998 - September 1998
Based on Target Planned Outage Hours
Daniel 1

Results of Operations

	Apr	May	Jun	Jul	Aug	Sep	Total
FOH	92.2	0.0	0.0	3.4	0.0	0.0	95.6
EFOH	14.3	14.8	32.1	47.8	17.0	16.9	142.9
MOH	0.0	0.0	0.0	72.1	0.0	0.0	72.1
EMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
POH	0.0	0.0	0.0	0.0	0.0	458.5	458.5
RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(95.6 + 142.9 + 72.1 + 0.0)}{(4391.0 - 458.5 - 0.0)}$$

EUOR = 0.0790

$$2.\ EA = \left[\ 1 - \frac{(\ POH^* + EUOR\ (PH - POH^* - RSH^*)\ )}{PH}\ \right] \times 100$$

Target POH* = 1127.0

Target RSH* = 0.0

$$EA = \left[\ 1 - \frac{(1127.0 + 0.0790\ (4391.0 - 1127.0 - 0.0)\ )}{4391.0}\ \right] \times 100 = 68.5\ \%$$

Note: Please refer to page 10 of this schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
for April 1998 - September 1998
Based on Target Planned Outage Hours
Daniel 2

Results of Operations

	Apr	May	Jun	Jul	Aug	Sep	Total
FOH	0.0	0.0	0.0	0.0	98.1	130.5	228.6
EFOH	25.6	63.9	63.1	62.9	60.9	66.4	342.8
MOH	220.3	21.0	83.5	0.0	0.0	0.0	324.8
EMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(228.6 + 342.8 + 324.8 + 0.0)}{(4391.0 - 0.0 - 0.0)}$$

$$EUOR = 0.2041$$

$$2.\ EA = \left[\ 1 - \frac{(\ POH^* + EUOR\ (PH - POH^* - RSH^*)\ )}{PH}\ \right] \times 100$$

Target POH* = 216.0

Target RSH* = 0.0

$$EA = \left[\ 1 - \frac{(216.0 + 0.2041\ (4391.0 - 216.0 - 0.0)\ )}{4391.0}\ \right] \times 100 = 75.7\ \%$$

Note: Please refer to page 10 of this schedule for an explanation of symbols.

Calculation of Equivalent Availability Points
for April 1998 - September 1998

(1) Unit	(2) Equivalent Availability Target*	(3) Actual Equivalent Availability Adjusted to Target Planned Outage Basis**	(4) Minimum or Maximum Attainable Equivalent Availability*	(5) Availability Points***
Crist 6	85.2	86.5	87.0	7.22
Crist 7	87.0	85.0	82.4	-4.35
Smith 1	83.4	86.2	84.2	10.00
Smith 2	72.8	70.7	70.4	-8.75
Daniel 1	67.9	68.5	69.9	3.00
Daniel 2	91.1	75.7	89.3	-10.00

* As appropriate from page 5, Schedule 3 of Exhibit to G. D. Fontaine's January 12, 1998 GPIF testimony in Docket 980001-EI.

** Refer to pages 3 through 8 of this schedule for calculations.

*** If (3) > (2)

$$\text{Availability Points} = \frac{(3) - (2)}{(4) - (2)} \times 10$$

If (3) < (2)

$$\text{Availability Points} = \frac{(3) - (2)}{(4) - (2)} \times -10$$

Summary of Equivalent Availability Symbols

EA - Equivalent Availability
POH - Planned Outage Hours
EUOR - Equivalent Unplanned Outage Rate
PH - Period Hours
FOH - Forced Outage Hours
EFOH - Equivalent Forced Outage Hours.
MOH - Maintenance Outage Hours
EMOH - Equivalent Maintenance Outage Hours
RSH - Reserve Shutdown Hours

III. CALCULATION OF GPIF UNIT HEAT RATE POINTS

Calculation of Average Net Operating Heat Rate Points
for April 1998 - September 1998

Crist 6

	Apr	May	Jun	Jul	Aug	Sep	Total
Pounds Coal(000's)	88305.5	149614.0	138429.3	163439.2	164668.3	137602.3	842058.6
BTU/Lb*	12218.0	11846.1	12276.9	12060.5	11977.9	11903.7	12032.7
Coal, MMBTU	1078916.6	1772342.4	1699482.7	1971158.5	1972380.4	1637976.5	10132257.1
Oil, MMBTU	410.7	638.6	1157.6	616.0	889.2	644.9	4357.0
Gas, MMBTU	6174.0	6125.0	1344.0	995.0	0.0	1257.0	15895.0
Startup, MMBTU **	-4040.0	-4040.0	-4040.0	0.0	0.0	-4040.0	-16160.0
Total Fuel Consumption, MMBTU	1081461.3	1775066.0	1697944.3	1972769.5	1973269.6	1635838.4	10136349.1
Net MWH Generation***	102337	169835	160682	184127	180910	151770	949661
Average Net Operating Heat Rate	10568	10452	10567	10714	10907	10778	10674

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for April 1998 - September 1998

Crist 7

	Apr	May	Jun	Jul	Aug	Sep	Total
Pounds Coal(000's)	269958.0	298537.1	199207.7	264246.9	209958.8	224951.3	1466859.8
BTU/Lb*	11962.1	11809.2	12310.1	12017.4	11942.5	11911.6	11977.7
Coal, MMBTU	3229264.6	3525484.3	2452266.7	3175560.7	2507433.0	2679529.9	17569539.2
Oil, MMBTU	333.4	420.0	452.2	666.1	748.0	522.4	3142.1
Gas, MMBTU	2006.0	319.0	6084.0	1076.0	3670.0	2920.0	16075.0
Startup, MMBTU **	0.0	0.0	-2256.0	-2256.0	-6768.0	-4512.0	-15792.0
Total Fuel Consumption, MMBTU	3231604.0	3526223.3	2456546.9	3175046.8	2505083.0	2678460.3	17572964.3
Net MWH Generation***	315480	335210	240340	312843	242403	258743	1705019
Average Net Operating Heat Rate	10243	10519	10221	10149	10334	10352	10307

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for April 1998 - September 1998

Smith 1

	Apr	May	Jun	Jul	Aug	Sep	Total
Pounds Coal(000's)	88186.6	98265.9	65403.0	100605.2	101211.8	74839.8	528512.3
BTU/Lb*	11888.9	11995.0	12044.8	11706.5	11508.7	11683.7	11791.3
Coal, MMBTU	1048441.7	1178699.5	787766.1	1177734.8	1164816.2	874405.8	6231864.1
Oil, MMBTU	149.5	182.8	1331.5	255.6	202.0	2013.6	4135.0
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	0.0	0.0	-964.0	0.0	0.0	-964.0	-1928.0
Total Fuel Consumption, MMBTU	1048591.2	1178882.3	788133.6	1177990.4	1165018.2	875455.4	6234071.1
Net MWH Generation***	103185	114787	77397	115257	114945	85742	611313
Average Net Operating Heat Rate	10162	10270	10183	10221	10135	10210	10198

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for April 1998 - September 1998

Smith 2

	Apr	May	Jun	Jul	Aug	Sep	Total
Pounds Coal(000's)	0.0	22357.8	109056.8	110822.8	120573.3	112784.5	475595.2
BTU/Lb*	0.0	11906.0	12057.5	11662.5	11440.4	11588.9	11690.8
Coal, MMBTU	0.0	266192.0	1314952.4	1292470.9	1379406.8	1307048.3	5560070.4
Oil, MMBTU	104.5	8941.3	1500.0	1123.7	303.9	600.9	12574.3
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	0.0	-4760.0	0.0	0.0	0.0	0.0	-4760.0
Total Fuel Consumption, MMBTU	104.5	270373.3	1316452.4	1293594.6	1379710.7	1307649.2	5567884.7
Net MWH Generation***	0	25830	131525	129034	137943	131676	556008
Average Net Operating Heat Rate	0	10467	10009	10025	10002	9931	10014

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for April 1998 - September 1998

Daniel 1

	Apr	May	Jun	Jul	Aug	Sep	Total
Pounds Coal(000's)	275086.8	339968.7	325374.0	299342.0	350219.9	128164.6	1718156.0
BTU/Lb*	9383.6	9248.9	9263.7	9212.2	9305.4	9275.3	9280.4
Coal, MMBTU	2581304.5	3144336.5	3014167.1	2757598.4	3258936.3	1188765.1	15945107.9
Oil, MMBTU	5018.4	4.8	69.4	6211.4	2176.3	1255.2	14735.5
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	-4777.4	0.0	0.0	-2388.7	0.0	0.0	-7166.1
Total Fuel Consumption, MMBTU	2581545.5	3144341.3	3014236.5	2761421.1	3261112.6	1190020.3	15952677.3
Net MWH Generation***	247583	303498	285918	263368	312346	114365	1527078
Average Net Operating Heat Rate	10427	10360	10542	10485	10441	10405	10447

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for April 1998 - September 1998

Daniel 2

	Apr	May	Jun	Jul	Aug	Sep	Total
Pounds Coal(000's)	221413.2	332223.1	301332.4	354762.1	300555.4	269094.8	1779381.0
BTU/Lb*	9397.2	9249.7	9251.1	9219.7	9311.9	9116.1	9252.6
Coal, MMBTU	2080664.1	3072964.0	2787656.2	3270800.1	2798741.8	2453095.1	16463921.3
Oil, MMBTU	3806.0	2624.5	2163.8	4.9	5728.9	3707.9	18036.0
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	-2388.7	0.0	-2388.7	0.0	-4777.4	-2388.7	-11943.5
Total Fuel Consumption, MMBTU	2082081.4	3075588.5	2787431.3	3270805.0	2799693.3	2454414.3	16470013.8
Net MWH Generation***	204942	301482	268711	310738	265423	233899	1585195
Average Net Operating Heat Rate	10159	10202	10373	10526	10548	10493	10390

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate
for April 1998 - September 1998
Adjusted to Target Basis Using Heat Rate
Equations Filed January 12, 1998

Crist 6

		Apr	May	Jun	Jul	Aug	Sep	Apr - Sep
1.	Target Heat Rate*	10534	10558	10534	10655	10643	10542	
2.	Target Heat Rate at Actual Conditions**	10512	10476	10472	10620	10600	10445	
3.	Adjustment to Actual Heat Rate (1-2)	22	82	62	35	43	97	
4.	Actual Heat Rate (Page 2 of Sched. 3)	10568	10452	10567	10714	10907	10778	
5.	Adjusted Actual Heat Rate (4+3)	10590	10534	10629	10749	10950	10875	
6.	Net MWH Generation	102337	169835	160682	184127	180910	151770	
7.	Adjusted Actual Heat Rate for April 1998 - September 1998 $=(\Sigma(5*6)/\Sigma 6)$							10732

* From page 18, schedule 3 of Exhibit to G. D. Fontaine's January 12, 1998 GPIF testimony in Docket 980001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

Calculation of Average Net Operating Heat Rate
for April 1998 - September 1998
Adjusted to Target Basis Using Heat Rate
Equations Filed January 12, 1998

Crist 7

		Apr	May	Jun	Jul	Aug	Sep	Apr - Sep
1.	Target Heat Rate*	10247	10414	10221	10374	10216	10258	
2.	Target Heat Rate at Actual Conditions**	10231	10370	10262	10408	10280	10306	
3.	Adjustment to Actual Heat Rate (1-2)	16	44	-41	-34	-64	-48	
4.	Actual Heat Rate (Page 3 of Sched. 3)	10243	10519	10221	10149	10334	10352	
5.	Adjusted Actual Heat Rate (4+3)	10259	10563	10180	10115	10270	10304	
6.	Net MWH Generation	315480	335210	240340	312843	242403	258743	
7.	Adjusted Actual Heat Rate for April 1998 - September 1998 $=(\Sigma(5*6)/\Sigma 6)$							10290

* From page 19, schedule 3 of Exhibit to G. D. Fontaine's January 12, 1998 GPIF testimony in Docket 980001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

Calculation of Average Net Operating Heat Rate
for April 1998 - September 1998
Adjusted to Target Basis Using Heat Rate
Equations Filed January 12, 1998

Smith 1

		Apr	May	Jun	Jul	Aug	Sep	Apr - Sep
1.	Target Heat Rate*	10194	10141	10182	10253	10181	10198	
2.	Target Heat Rate at Actual Conditions**	10226	10136	10195	10261	10192	10202	
3.	Adjustment to Actual Heat Rate (1-2)	-32	5	-13	-8	-11	-4	
4.	Actual Heat Rate (Page 4 of Sched. 3)	10162	10270	10183	10221	10135	10210	
5.	Adjusted Actual Heat Rate (4+3)	10130	10275	10170	10213	10124	10206	
6.	Net MWH Generation	103185	114787	77397	115257	114945	85742	
7.	Adjusted Actual Heat Rate for April 1998 - September 1998 $=(\Sigma(5*6)/\Sigma 6)$							10187

* From page 20, schedule 3 of Exhibit to G. D. Fontaine's January 12, 1998 GPIF testimony in Docket 980001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

Calculation of Average Net Operating Heat Rate
for April 1998 - September 1998
Adjusted to Target Basis Using Heat Rate
Equations Filed January 12, 1998

Smith 2

		Apr	May	Jun	Jul	Aug	Sep	Apr - Sep
1.	Target Heat Rate*	-	10269	10348	10348	10349	10217	
2.	Target Heat Rate at Actual Conditions**	-	10220	10348	10342	10348	10223	
3.	Adjustment to Actual Heat Rate (1-2)	0	49	0	6	1	-6	
4.	Actual Heat Rate (Page 5 of Sched. 3)	0	10467	10009	10025	10002	9931	
5.	Adjusted Actual Heat Rate (4+3)	0	10516	10009	10031	10003	9925	
6.	Net MWH Generation	0	25830	131525	129034	137943	131676	
7.	Adjusted Actual Heat Rate for April 1998 - September 1998 $=(\Sigma(5*6)/\Sigma 6)$							10016

* From page 21, schedule 3 of Exhibit to G. D. Fontaine's January 12, 1998 GPIF testimony in Docket 980001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

Calculation of Average Net Operating Heat Rate
for April 1998 - September 1998
Adjusted to Target Basis Using Heat Rate
Equations Filed January 12, 1998

Daniel 1

		Apr	May	Jun	Jul	Aug	Sep	Apr - Sep
1.	Target Heat Rate*	10511	10547	10500	10500	10490	10535	
2.	Target Heat Rate at Actual Conditions**	10466	10469	10507	10511	10450	10447	
3.	Adjustment to Actual Heat Rate (1-2)	45	78	-7	-11	40	88	
4.	Actual Heat Rate (Page 6 of Sched. 3)	10427	10360	10542	10485	10441	10405	
5.	Adjusted Actual Heat Rate (4+3)	10472	10438	10535	10474	10481	10493	
6.	Net MWH Generation	247583	303498	285918	263368	312346	114365	
7.	Adjusted Actual Heat Rate for April 1998 - September 1998 $=(\Sigma(5*6)/\Sigma 6)$							10481

* From page 22, schedule 3 of Exhibit to G. D. Fontaine's January 12, 1998 GPIF testimony in Docket 980001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

Calculation of Average Net Operating Heat Rate
for April 1998 - September 1998
Adjusted to Target Basis Using Heat Rate
Equations Filed January 12, 1998

Daniel 2

		Apr	May	Jun	Jul	Aug	Sep	Apr - Sep
1.	Target Heat Rate*	10260	10340	10231	10232	10225	10371	
2.	Target Heat Rate at Actual Conditions**	10270	10334	10255	10261	10270	10395	
3.	Adjustment to Actual Heat Rate (1-2)	-10	6	-24	-29	-45	-24	
4.	Actual Heat Rate (Page 7 of Sched. 3)	10159	10202	10373	10526	10548	10493	
5.	Adjusted Actual Heat Rate (4+3)	10149	10208	10349	10497	10503	10469	
6.	Net MWH Generation	204942	301482	268711	310738	265423	233899	
7.	Adjusted Actual Heat Rate for April 1998 - September 1998 $=(\Sigma(5*6)/\Sigma 6)$							10369

* From page 23, schedule 3 of Exhibit to G. D. Fontaine's January 12, 1998 GPIF testimony in Docket 980001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

Actual Values of
Target Heat Rate Equation Parameters
for April 1998 - September 1998

	Apr	May	Jun	Jul	Aug	Sep
Crist 6						
AKW * 10^{+3}	220.3	239.3	242.4	252.2	243.2	222.8
LSRF * 10^{+6}	53936.4	62390.1	63790.1	69142.6	64567.6	53820.9
Crist 7						
AKW * 10^{+3}	452.8	453.5	430.9	439.3	419.5	403.6
LSRF * 10^{+6}	210106.6	210275.2	194424.9	200913.8	185679.4	173620.4
Smith 1						
AKW * 10^{+3}	143.5	154.3	153.5	154.9	154.5	151.1
LSRF * 10^{+6}	21412.2	23918.0	23803.1	24080.4	23916.2	23057.1
Smith 2						
AKW * 10^{+3}	0.0	139.7	186.0	174.9	185.4	182.9
LSRF * 10^{+6}	0.0	21681.6	34801.6	31593.3	34425.6	33594.7
Daniel 1						
AKW * 10^{+3}	395.0	407.9	397.1	394.0	419.8	437.3
LSRF * 10^{+6}	168919.1	175152.5	165327.8	163282.9	183390.8	192707.1
Daniel 2						
AKW * 10^{+3}	411.0	417.0	422.2	417.7	410.9	396.8
LSRF * 10^{+6}	173655.3	175497.6	180626.4	175218.4	171644.1	160691.9

Target Heat Rate Equations

Crist 6 ANOHR = 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

Crist 7 ANOHR = 10^6 / AKW * [276.36 + 63.12 * MAY + 69.54 * JUL]
+ 9,621

Smith 1 ANOHR = 10^6 / AKW * [69.20 + 18.16 * JAN + 12.44 * FEB + 15.12 * MAR - 8.67 * MAY + 10.92 * JUL]
+ 9,744

Smith 2 ANOHR = 10^6 / AKW * [-18.22 + 16.52 * MAR - 13.41 * MAY - 22.58 * SEP - 13.92 * NOV]
+ 10,446

Daniel 1 ANOHR = 10^6 / AKW * [-103.81 - 44.15 * MAR - 40.19 * NOV]
+ 12,196 - 0.00343 * LSRF / AKW

Daniel 2 ANOHR = 10^6 / AKW * [218.47 + 30.22 * MAY + 42.12 * SEP]
+ 9,738

Where:

ANOHR	Average Net Operating Heat Rate, BTU/KWH
AKW	Average Kilowatt Load, KW
LSRF	Load Square Range Factor, KW^2
JAN	January, 0 if not January, 1 if January
FEB	February, 0 if not February, 1 if February
MAR	March, 0 if not March, 1 if March
APR	April, 0 if not April, 1 if April
MAY	May, 0 if not May, 1 if May
JUN	June, 0 if not June, 1 if June
JUL	July, 0 if not July, 1 if July
AUG	August, 0 if not August, 1 if August
SEP	September, 0 if not September, 1 if September
OCT	October, 0 if not October, 1 if October
NOV	November, 0 if not November, 1 if November

Calculation of Heat Rate Points
for April 1998 - September 1998

(1)	(2)	(3)	(4)	(5)
Unit	Actual Average Average Net Operating Heat Rate Target*	Net Operating Heat Rate Adjusted to Target Basis**	Minimum Attainable Heat Rate*	Heat Rate Points***
Crist 6	10584	10732	10266	-3.00
Crist 7	10291	10290	9982	0.00
Smith 1	10197	10187	9891	0.00
Smith 2	10311	10016	10002	9.40
Daniel 1	10508	10481	10193	0.00
Daniel 2	10270	10369	9962	-1.03

* From page 5, Schedule 3 of Exhibit to G. D. Fontaine's January 12, 1998 GPIF testimony in Docket 980001-EI.

** Refer to pages 8 through 13 of this schedule for calculation.

*** If [(2) - 75] <= (3) <= [(2) + 75] then points = 0

$$\text{If } [\,(2) - (3) - 75\,] > 0 \text{ then points} = \frac{(2) - (3) - 75}{(2) - (4) - 75} * 10$$

$$\text{If } [\,(2) - (3) + 75\,] < 0 \text{ then points} = \frac{(2) - (3) + 75}{(2) - (4) - 75} * 10$$

IV. CALCULATION OF COMPANY GPIF POINTS AND REWARD/PENALTY

Calculation of Heat Rate Points

GPIF Points and Reward or Penalty

for April 1998 - September 1998

Unit	Availability Points	Availability* Weighting Factor	Heat Rate Points	Heat Rate* Weighting Factor
Crist 6	7.22	0.025	-3.00	0.105
Crist 7	-4.35	0.135	0.00	0.198
Smith 1	10.00	0.034	0.00	0.037
Smith 2	-8.75	0.008	9.40	0.037
Daniel 1	3.00	0.039	0.00	0.121
Daniel 2	-10.00	0.072	-1.03	0.191

Company GPIF Points = + 7.22 • 0.025 - 3.00 • 0.105
- 4.35 * 0.135 + 0.00 * 0.198
+ 10.00 * 0.034 + 0.00 • 0.037
- 8.75 • 0.008 + 9.40 * 0.037
• 3.00 * 0.039 + 0.00 * 0.121
- 10.00 * 0.072 - 1.03 * 0.191
-0.90

Company reward/penalty = -0.90 points * $83728 per point

= ($75,355)

* From page 5, Schedule 3 of Exhibit to G. D. Fontaine's January 12, 1998 GPIF testimony in Docket 980001-EI.

V. GPIF MINIMUM FILING REQUIREMENTS FOR THE APRIL 1998 - SEPTEMBER 1998 PERIOD

CONTENTS

Generating Performance Incentive Factor

Actual Reward/Penalty Table

Gulf Power Company

Period of: April 1998 - September 1998

Generating Performance Incentive Factor Points	Fuel Saving/Loss ($000)	Generating Performance Incentive Factor ($000)
	Maximum Attainable Fuel Savings	Maximum Incentive Dollars Allowed by Commission During Period (Reward)
+ 10	4073	837
+ 9	3666	754
+ 8	3258	670
+ 7	2851	586
+ 6	2444	502
+ 5	2037	419
+ 4	1629	335
+ 3	1222	251
+ 2	815	167
+ 1	407	84
0	0	0
- 1	-523	-84
- 2	-1047	-167
- 3	-1570	-251
- 4	-2093	-335
- 5	-2617	-419
- 6	-3140	-502
- 7	-3663	-586
- 8	-4186	-670
- 9	-4710	-754
- 10	-5233	-837
	Minimum Attainable Fuel Loss	Maximum Incentive Dollars Allowed by Commission During Period (Penalty)

Generating Performance Incentive Factor

Calculation of Maximum Allowed Incentive Dollars

Actual

Gulf Power Company

Period of: April 1998 - September 1998

Line 1	Beginning of Period Balance of Common Equity	$420,572,032
	End of Month Balance of Common Equity:	
Line 2	Month of Apr '98	$409,256,566
Line 3	Month of May '98	$415,131,266
Line 4	Month of Jun '98	$419,836,438
Line 5	Month of Jul '98	$414,593,716
Line 6	Month of Aug '98	$424,703,091
Line 7	Month of Sep '98	$432,725,103
Line 8	Average Common Equity for the Period (sum of line 1 through line 7 divided by 7)	$419,545,459
Line 9	25 Basis Points	0.0025
Line 10	Revenue Expansion Factor	60.4524%
Line 11	Maximum Allowed Incentive Dollars (line 8 multiplied by line 9 divided by line 10 multiplied by 0.5)	$867,512
Line 12	Jurisdictional Sales (KWH)	5,355,886,805
Line 13	Total Territorial Sales (KWH)	5,549,305,803
Line 14	Jurisdictional Separation Factor (line 12 divided by line 13)	96.5145%
Line 15	Maximum Allowed Jurisdictional Incentive Dollars (line 11 multiplied by line 14)	$837,275

Calculation of System Actual GPIF Points

Gulf Power Company

Period of: April 1998 - September 1998

Plant & Unit	Performance Indicator (EAF or ANOHR)	Weighting Factor	Unit Points	Weighted Unit Points
Crist 6	EAF1	2.5%	7.22	0.181
Crist 6	ANOHR1	10.5%	-3.00	-0.315
Crist 7	EAF2	13.5%	-4.35	-0.587
Crist 7	ANOHR2	19.8%	0.00	0.000
Smith 1	EAF3	3.4%	10.00	0.340
Smith 1	ANOHR3	3.7%	0.00	0.000
Smith 2	EAF4	0.8%	-8.75	-0.070
Smith 2	ANOHR4	3.7%	9.40	0.348
Daniel 1	EAF5	3.9%	3.00	0.117
Daniel 1	ANOHR5	12.1%	0.00	0.000
Daniel 2	EAF6	7.2%	-10.00	-0.720
Daniel 2	ANOHR6	19.1%	-1.03	-0.197
Gulf Power GPIF Total		100.2%		-0.90

Issued by: T. J. Bowden

Filed: April 1, 1999
Suspended:
Effective: April 1, 1999
Docket No.: 990001-EI
Order No.:

Generating Performance Incentive Points Table

Gulf Power Company

Period of: April 1998 - September 1998

Crist 6

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	102	87.00	+ 10	428	10,266
+ 9	92	86.82	+ 9	385	10,290
+ 8	82	86.64	+ 8	342	10,315
+ 7	71	86.46	+ 7	300	10,339
+ 6	61	86.28	+ 6	257	10,363
+ 5	51	86.10	+ 5	214	10,388
+ 4	41	85.92	+ 4	171	10,412
+ 3	31	85.74	+ 3	128	10,436
+ 2	20	85.56	+ 2	86	10,460
+ 1	10	85.38	+ 1	43	10,485
				0	10,509
0	0	85.20	0	0	10,584
				0	10,659
- 1	(17)	84.93	- 1	(43)	10,683
- 2	(34)	84.66	- 2	(86)	10,708
- 3	(52)	84.39	- 3	(128)	10,732
- 4	(69)	84.12	- 4	(171)	10,756
- 5	(86)	83.85	- 5	(214)	10,781
- 6	(103)	83.58	- 6	(257)	10,805
- 7	(120)	83.31	- 7	(300)	10,829
- 8	(138)	83.04	- 8	(342)	10,853
- 9	(155)	82.77	- 9	(385)	10,878
- 10	(172)	82.50	- 10	(428)	10,902
Weighting Factor:		0.025	Weighting Factor:		0.105

Issued by: T. J. Bowden

Filed: April 1, 1999
Suspended:
Effective: April 1, 1999
Docket No.: 990001-EI
Order No.:

Generating Performance Incentive Points Table

Gulf Power Company

Period of: April 1998 - September 1998

Crist 7

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	549	90.10	+ 10	806	9,982
+ 9	494	89.79	+ 9	725	10,005
+ 8	439	89.48	+ 8	645	10,029
+ 7	384	89.17	+ 7	564	10,052
+ 6	329	88.86	+ 6	484	10,076
+ 5	275	88.55	+ 5	403	10,099
+ 4	220	88.24	+ 4	322	10,122
+ 3	165	87.93	+ 3	242	10,146
+ 2	110	87.62	+ 2	161	10,169
+ 1	55	87.31	+ 1	81	10,193
				0	10,216
0	0	87.00	0	0	10,291
				0	10,366
- 1	(99)	86.54	- 1	(81)	10,389
- 2	(198)	86.08	- 2	(161)	10,413
- 3	(297)	85.62	- 3	(242)	10,436
- 4	(396)	85.16	- 4	(322)	10,460
- 5	(495)	84.70	- 5	(403)	10,483
- 6	(593)	84.24	- 6	(484)	10,506
- 7	(692)	83.78	- 7	(564)	10,530
- 8	(791)	83.32	- 8	(645)	10,553
- 9	(890)	82.86	- 9	(725)	10,577
- 10	(989)	82.40	- 10	(806)	10,600
Weighting Factor:		0.135	Weighting Factor:		0.198

Issued by: T. J. Bowden

Filed: April 1, 1999
Suspended:
Effective: April 1, 1999
Docket No.: 990001-EI
Order No.:

Generating Performance Incentive Points Table

Gulf Power Company

Period of: April 1998 - September 1998

Smith 1

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	137	84.20	+ 10	150	9,891
+ 9	123	84.12	+ 9	135	9,914
+ 8	110	84.04	+ 8	120	9,937
+ 7	96	83.96	+ 7	105	9,960
+ 6	82	83.88	+ 6	90	9,983
+ 5	69	83.80	+ 5	75	10,007
+ 4	55	83.72	+ 4	60	10,030
+ 3	41	83.64	+ 3	45	10,053
+ 2	27	83.56	+ 2	30	10,076
+ 1	14	83.48	+ 1	15	10,099
				0	10,122
0	0	83.40	0	0	10,197
				0	10,272
- 1	(52)	83.26	- 1	(15)	10,295
- 2	(105)	83.12	- 2	(30)	10,318
- 3	(157)	82.98	- 3	(45)	10,341
- 4	(210)	82.84	- 4	(60)	10,364
- 5	(262)	82.70	- 5	(75)	10,388
- 6	(314)	82.56	- 6	(90)	10,411
- 7	(367)	82.42	- 7	(105)	10,434
- 8	(419)	82.28	- 8	(120)	10,457
- 9	(472)	82.14	- 9	(135)	10,480
- 10	(524)	82.00	- 10	(150)	10,503
Weighting Factor:		0.034	Weighting Factor:		0.037

Generating Performance Incentive Points Table

Gulf Power Company

Period of: April 1998 - September 1998

Smith 2

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
				149	10,002
+ 10	31	74.40	+ 10	134	10,025
+ 9	28	74.24	+ 9	119	10,049
+ 8	25	74.08	+ 8	104	10,072
+ 7	22	73.92	+ 7	89	10,096
+ 6	19	73.76	+ 6	75	10,119
+ 5	16	73.60	+ 5	60	10,142
+ 4	12	73.44	+ 4	45	10,166
+ 3	9	73.28	+ 3	30	10,189
+ 2	6	73.12	+ 2	15	10,213
+ 1	3	72.96	+ 1	0	10,236
0	0	72.80	0	0	10,311
				0	10,386
- 1	(4)	72.56	- 1	(15)	10,409
- 2	(8)	72.32	- 2	(30)	10,433
- 3	(11)	72.08	- 3	(45)	10,456
- 4	(15)	71.84	- 4	(60)	10,480
- 5	(19)	71.60	- 5	(75)	10,503
- 6	(23)	71.36	- 6	(89)	10,526
- 7	(27)	71.12	- 7	(104)	10,550
- 8	(30)	70.88	- 8	(119)	10,573
- 9	(34)	70.64	- 9	(134)	10,597
- 10	(38)	70.40	- 10	(149)	10,620
Weighting Factor:		0.008	Weighting Factor:		0.037

Generating Performance Incentive Points Table

Gulf Power Company

Period of: April 1998 - September 1998

Daniel 1

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	157	69.90	+ 10	493	10,193
+ 9	141	69.70	+ 9	444	10,217
+ 8	126	69.50	+ 8	394	10,241
+ 7	110	69.30	+ 7	345	10,265
+ 6	94	69.10	+ 6	296	10,289
+ 5	79	68.90	+ 5	247	10,313
+ 4	63	68.70	+ 4	197	10,337
+ 3	47	68.50	+ 3	148	10,361
+ 2	31	68.30	+ 2	99	10,385
+ 1	16	68.10	+ 1	49	10,409
				0	10,433
0	0	67.90	0	0	10,508
				0	10,583
- 1	(15)	67.61	- 1	(49)	10,607
- 2	(30)	67.32	- 2	(99)	10,631
- 3	(45)	67.03	- 3	(148)	10,655
- 4	(60)	66.74	- 4	(197)	10,679
- 5	(76)	66.45	- 5	(247)	10,703
- 6	(91)	66.16	- 6	(296)	10,727
- 7	(106)	65.87	- 7	(345)	10,751
- 8	(121)	65.58	- 8	(394)	10,775
- 9	(136)	65.29	- 9	(444)	10,799
- 10	(151)	65.00	- 10	(493)	10,823
Weighting Factor:		0.039	Weighting Factor:		0.121

Issued by: T. J. Bowden

Filed: April 1, 1999
Suspended:
Effective: April 1, 1999
Docket No.: 990001-EI
Order No.:

Generating Performance Incentive Points Table

Gulf Power Company

Period of: April 1998 - September 1998

Daniel 2

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	295	92.30	+ 10	776	9,962
+ 9	266	92.18	+ 9	698	9,985
+ 8	236	92.06	+ 8	621	10,009
+ 7	207	91.94	+ 7	543	10,032
+ 6	177	91.82	+ 6	466	10,055
+ 5	148	91.70	+ 5	388	10,079
+ 4	118	91.58	+ 4	310	10,102
+ 3	89	91.46	+ 3	233	10,125
+ 2	59	91.34	+ 2	155	10,148
+ 1	30	91.22	+ 1	78	10,172
				0	10,195
0	0	91.10	0	0	10,270
				0	10,345
- 1	(56)	90.92	- 1	(78)	10,368
- 2	(111)	90.74	- 2	(155)	10,392
- 3	(167)	90.56	- 3	(233)	10,415
- 4	(223)	90.38	- 4	(310)	10,438
- 5	(279)	90.20	- 5	(388)	10,462
- 6	(334)	90.02	- 6	(466)	10,485
- 7	(390)	89.84	- 7	(543)	10,508
- 8	(446)	89.66	- 8	(621)	10,531
- 9	(501)	89.48	- 9	(698)	10,555
- 10	(557)	89.30	- 10	(776)	10,578
Weighting Factor:	0.072		Weighting Factor:	0.191	

Issued by: T. J. Bowden

Filed: April 1, 1999
Suspended:
Effective: April 1, 1999
Docket No.: 990001-EI
Order No.:

GPIF Unit Performance Summary

Gulf Power Company

Period of: April 1998 - September 1998

Plant & Unit	Weighting Factor %	EAF Target %	EAF Range Max %	EAF Range Min %	Max Fuel Savings ($000)	Max Fuel Loss ($000)	EAF Adjusted Actual %	Actual Fuel Savings/ Loss ($000)
Crist 6	2.5	85.2	87.0	82.5	102	-172	86.5	$74
Crist 7	13.5	87.0	90.1	82.4	549	-989	85.0	($430)
Smith 1	3.4	83.4	84.2	82.0	137	-524	86.2	$137
Smith 2	0.8	72.8	74.4	70.4	31	-38	70.7	($33)
Daniel 1	3.9	67.9	69.9	65.0	157	-151	68.5	$47
Daniel 2	7.2	91.1	92.3	89.3	295	-557	75.7	($557)
Total:	31.3							

Plant & Unit	Weighting Factor %	ANOHR Target BTU/KWH	Target NOF	ANOHR Range Max BTU/KWH	ANOHR Range Min BTU/KWH	Max Fuel Savings ($000)	Max Fuel Loss ($000)	ANOHR Adjusted Actual BTU/KWH	Actual Fuel Savings/ Loss ($000)
Crist 6	10.5	10,584	74.6	10,902	10,266	$428	($428)	10,732	($128)
Crist 7	19.8	10,291	89.0	10,600	9,982	$806	($806)	10,290	$0
Smith 1	3.7	10,197	96.8	10,503	9,891	$150	($150)	10,187	$0
Smith 2	3.7	10,311	96.1	10,620	10,002	$149	($149)	10,016	$140
Daniel 1	12.1	10,508	83.5	10,823	10,193	$493	($493)	10,481	$0
Daniel 2	19.1	10,270	90.3	10,578	9,962	$776	($776)	10,369	($80)
Total:	68.9								

Issued by: T. J. Bowden

Filed: April 1, 1999
Suspended:
Effective: April 1, 1999
Docket No.: 990001-EI
Order No.:

Actual Unit Performance Data

Gulf Power Company

Period of: April 1998 - September 1998

Plant & Unit	Actual EAF %	Adjustments* to EAF %	Adjusted Actual %
Crist 6	89.3	-2.8	86.5
Crist 7	87.4	-2.4	85.0
Smith 1	91.4	-5.2	86.2
Smith 2	68.8	1.9	70.7
Daniel 1	82.5	-14.0	68.5
Daniel 2	79.6	-3.9	75.7

Plant & Unit	Actual ANOHR BTU/KWH	Adjustments** to ANOHR BTU/KWH	ANOHR Adjusted Actual BTU/KWH
Crist 6	10,674	58	10,732
Crist 7	10,307	-17	10,290
Smith 1	10,198	-11	10,187
Smith 2	10,014	2	10,016
Daniel 1	10,447	34	10,481
Daniel 2	10,390	-21	10,369

* Refer to pages 3 through 8, Schedule 2.

** Refer to pages 8 through 13, Schedule 3.

Issued by: T. J. Bowden

Filed: April 1, 1999
Suspended:
Effective: April 1, 1999
Docket No.: 990001-EI
Order No.:

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	Sep '98	Total
1.	EAF (%)	61.2	95.1	92.0	97.7	100.0	89.2	89.3
2.	PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3.	SH	464.6	709.7	662.8	730.2	744.0	681.1	3992.4
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	254.4	34.3	57.2	13.8	0.0	38.9	398.6
6.	POH	253.7	0.0	0.0	0.0	0.0	0.0	253.7
7.	FOH	0.7	34.3	57.2	13.8	0.0	38.9	144.9
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	PFOH	93.9	6.7	0.2	12.8	0.9	106.3	220.8
10.	LR pf (MW)	82.6	110.2	191.0	80.6	50.6	116.1	99.4
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)	317.0	317.0	317.0	317.0	317.0	317.0	317.0
14.	Oper MBtu	1081461	1775066	1697944	1972769	1973270	1635838	10136348
15.	Net Gen (MWH)	102337	169835	160682	184127	180910	151770	949661
16.	ANOHR (Btu/KWH)	10568	10452	10567	10714	10907	10778	10674
17.	NOF %	69.5	75.5	76.5	79.5	76.7	70.3	75.0
18.	NPC (MW)	317.0	317.0	317.0	317.0	317.0	317.0	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						

Issued by: T. J. Bowden

Filed: April 1, 1999
Suspended:
Effective: April 1, 1999
Docket No.: 990001-EI
Order No.:

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	Sep '98	Total
1.	EAF (%)	96.5	98.3	75.7	94.5	76.9	82.1	87.4
2.	PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3.	SH	696.7	739.2	557.7	712.1	577.9	641.1	3924.7
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	22.3	4.8	162.3	31.9	166.1	78.9	466.3
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.	FOH	22.3	4.8	162.3	31.9	166.1	78.9	466.3
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	PFOH	13.6	46.1	58.7	41.1	70.9	305.2	535.6
10.	LR pf (MW)	113.6	88.7	108.1	112.0	42.5	82.9	83.8
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)	504.0	504.0	504.0	504.0	504.0	504.0	504.0
14.	Oper MBtu	3231604	3526223	2456547	3175047	2505083	2678460	17572964
15.	Net Gen (MWH)	315480	335210	240340	312843	242403	258743	1705019
16.	ANOHR (Btu/KWH)	10243	10519	10221	10149	10334	10352	10307
17.	NOF %	89.8	90.0	85.5	87.2	83.2	80.1	86.2
18.	NPC (MW)	504.0	504.0	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						

Issued by: T. J. Bowden

Filed: April 1, 1999
Suspended:
Effective: April 1, 1999
Docket No.: 990001-EI
Order No.:

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	Sep '98	Total
1.	EAF (%)	99.8	99.7	70.0	99.9	99.9	78.5	91.4
2.	PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3.	SH	719.0	744.0	504.1	744.0	744.0	567.6	4022.7
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	0.0	0.0	215.9	0.0	0.0	152.4	368.3
6.	POH	0.0	0.0	215.9	0.0	0.0	152.4	368.3
7.	FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	PFOH	9.5	12.8	0.0	24.6	2.2	14.3	63.4
10.	LR pf (MW)	26.7	26.0	0.0	2.7	42.4	26.1	17.7
11.	PMOH	1.2	0.0	0.0	0.0	0.0	0.0	1.2
12.	LR pm (MW)	26.0	0.0	0.0	0.0	0.0	0.0	26.0
13.	NSC (MW)	161.0	161.0	161.0	161.0	161.0	161.0	161.0
14.	Oper MBtu	1048591	1178882	788134	1177990	1165018	875455	6234070
15.	Net Gen (MWH)	103185	114787	77397	115257	114945	85742	611313
16.	ANOHR (Btu/KWH)	10162	10270	10183	10221	10135	10210	10198
17.	NOF %	89.1	95.8	95.4	96.2	96.0	93.8	94.4
18.	NPC (MW)	161.0	161.0	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						

Issued by: T. J. Bowden

Filed: April 1, 1999
Suspended:
Effective: April 1, 1999
Docket No.: 990001-EI
Order No.:

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	Sep '98	Total
1.	EAF (%)	0.0	21.5	97.8	93.4	99.8	100.0	68.8
2.	PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3.	SH	0.0	184.9	707.2	737.7	744.0	720.0	3093.8
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	719.0	559.1	12.8	6.3	0.0	0.0	1297.2
6.	POH	719.0	331.5	0.0	0.0	0.0	0.0	1050.5
7.	FOH	0.0	227.6	12.8	6.3	0.0	0.0	246.7
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	PFOH	0.0	51.1	6.5	94.5	9.9	0.0	162.0
10.	LR pf (MW)	0.0	92.8	14.1	86.1	21.8	0.0	81.4
11.	PMOH	0.0	0.0	8.3	0.0	0.0	0.0	8.3
12.	LR pm (MW)	0.0	0.0	60.0	0.0	0.0	0.0	60.0
13.	NSC (MW)	191.0	191.0	191.0	191.0	191.0	191.0	191.0
14.	Oper MBtu	105	270373	1316452	1293595	1379711	1307649	5567885
15.	Net Gen (MWH)	0	25830	131525	129034	137943	131676	556008
16.	ANOHR (Btu/KWH)	0	10467	10009	10025	10002	9931	10014
17.	NOF %	0.0	73.1	97.4	91.6	97.1	95.8	94.1
18.	NPC (MW)	191.0	191.0	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						

Issued by: T. J. Bowden

Filed: April 1, 1999
Suspended:
Effective: April 1, 1999
Docket No.: 990001-EI
Order No.:

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	Sep '98	Total
1.	EAF (%)	85.2	98.0	95.5	83.4	97.7	34.0	82.5
2.	PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3.	SH	626.8	744.0	720.0	668.5	744.0	261.5	3764.8
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	92.2	0.0	0.0	75.5	0.0	458.5	626.2
6.	POH	0.0	0.0	0.0	0.0	0.0	458.5	458.5
7.	FOH	92.2	0.0	0.0	3.4	0.0	0.0	95.6
8.	MOH	0.0	0.0	0.0	72.1	0.0	0.0	72.1
9.	PFOH	155.2	138.9	470.4	482.7	202.8	230.7	1680.7
10.	LR pf (MW)	44.0	50.9	32.6	47.2	40.0	35.0	40.6
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	2581545	3144341	3014237	2761421	3261113	1190020	15952677
15.	Net Gen (MWH)	247583	303498	285918	263368	312346	114365	1527078
16.	ANOHR (Btu/KWH)	10427	10360	10542	10485	10441	10405	10447
17.	NOF %	82.8	85.5	83.3	82.6	88.0	91.7	85.0
18.	NPC (MW)	477.0	477.0	477.0	477.0	477.0	477.0	477.0
19.	ANOHR Equation	10^6 / AKW * [-103.81 - 44.15 * MAR - 40.19 * NOV] + 12,196 - 0.00343 * LSRF / AKW						

Issued by: T. J. Bowden

Filed: April 1, 1999
Suspended:
Effective: April 1, 1999
Docket No.: 990001-EI
Order No.:

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	Sep '98	Total
1.	EAF (%)	65.8	88.6	79.6	91.5	78.6	72.7	79.6
2.	PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3.	SH	498.7	723.0	636.5	744.0	645.9	589.5	3837.6
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	220.3	21.0	83.5	0.0	98.1	130.5	553.4
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.	FOH	0.0	0.0	0.0	0.0	98.1	130.5	228.6
8.	MOH	220.3	21.0	83.5	0.0	0.0	0.0	324.8
9.	PFOH	208.0	639.0	630.8	587.6	592.7	497.0	3155.1
10.	LR pf (MW)	58.7	47.7	47.7	51.1	49.0	63.7	51.8
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)	477.0	477.0	477.0	477.0	477.0	477.0	477.0
14.	Oper MBtu	2082081	3075589	2787431	3270805	2799693	2454414	16470013
15.	Net Gen (MWH)	204942	301482	268711	310738	265423	233899	1585195
16.	ANOHR (Btu/KWH)	10159	10202	10373	10526	10548	10493	10390
17.	NOF %	86.2	87.4	88.5	87.6	86.1	83.2	86.6
18.	NPC (MW)	477.0	477.0	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						

Issued by: T. J. Bowden

Filed: April 1, 1999
Suspended:
Effective: April 1, 1999
Docket No.: 990001-EI
Order No.:

Planned Outage Schedules (Actual)

Period of: April 1998 - September 1998

Critical path bar charts of actual work activity performed during major planned outages are not shown here since corresponding bar charts of forecast work activity were not provided earlier in conformance with agreement with Staff to avoid the premature production of charts prior to their normal course of development. Forecast and actual critical path bar charts are developed for each planned outage and, per agreement with Staff, these charts will be provided on request.

Florida Public Service Commission
Docket No. 990001-EI
Gulf Power Company
Witness: G. D. Fontaine
Exhibit No. ___ (GDF-2)

EXHIBIT II TO THE TESTIMONY OF

G. D. FONTAINE

IN FPSC DOCKET 990001-EI

15

ATTACHMENT "A"
October 1, 1999

TAMPA ELECTRIC COMPANY
GPIF TARGETS
January 1, 2000 - December 31, 2000

Availability				Heat Rate
Unit	**EAF**	**POF**	**EUOF**	
Gannon 5	75.3	5.7	19.0	10,562[1/]
Gannon 6	72.2	5.7	22.1	10,507[2/]
Big Bend 1	78.1	5.7	16.1	10,127[3/]
Big Bend 2	80.6	4.9	14.5	10,061[4/]
Big Bend 3	76.3	5.7	18.0	10,197[5/]
Big Bend 4	84.4	1.9	13.7	9,976[6/]

[1/] Original Sheet 8.401.99E, Pg. 13

[2/] Original Sheet 8.401.99E, Pg. 14

[3/] Original Sheet 8.401.99E, Pg. 15

[4/] Original Sheet 8.401.99E, Pg. 16

[5/] Original Sheet 8.401.99E, Pg. 17

[6/] Original Sheet 8.401.99E, Pg. 18

Additions and Corrections to Outages Previously Reported
for the October 1998 - December 1998 Period

Date	Unit	Change	Outage Type	Hours	MWH	Description
			None			

II. CALCULATIONS OF EQUIVALENT AVAILABILITY POINTS

Comparison of Forecast and Actual Planned Outages
for October 1998 - December 1998

Unit	Note	Forecast Planned Outage Schedule	Forecast Hours*	Actual Planned Outage Schedule	Actual Hours*
Crist 6	1	10/17/98 - 10/25/98	217.0	10/30/98 - 11/07/98	193.6
Crist 7	2	10/31/98 - 11/08/98	216.0	10/16/98 - 10/25/98	206.7
Smith 2	3	12/12/98 - 12/20/98	216.0	12/12/98 - 12/19/98	170.6
Daniel 1	4	09/12/98 - 12/13/98	1777.0	09/11/98 - 12/21/98	1950.2
Daniel 2	5	10/10/98 - 10/18/98	216.0	11/07/98 - 11/30/98	555.3

* Planned outage hours in the October 1998 - December 1998 period only.

Notes:

1. This outage was swapped with Crist Unit 7 and proceeded as scheduled.
2. This outage was swapped with Crist Unit 6 and proceeded as scheduled.
3. This outage proceeded as scheduled and was completed quicker than forecasted.
4. This outage proceeded as scheduled and was extended due to work taking longer to complete than expected.
5. This outage was lenghtened to include stack repairs and moved to accommodate system reserve requirements.

Calculation of Actual Equivalent Availability
for October 1998 - December 1998
Based on Target Planned Outage Hours
Crist 7

Results of Operations

	Oct	Nov	Dec	Total
FOH	0.0	106.7	0.0	106.7
EFOH	28.2	14.5	19.4	62.1
MOH	0.0	0.0	0.0	0.0
EMOH	0.0	0.0	0.0	0.0
PH	745.0	720.0	744.0	2209.0
POH	206.7	0.0	0.0	206.7
RSH	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(106.7 + 62.1 + 0.0 + 0.0)}{(2209.0 - 206.7 - 0.0)}$$

$$EUOR = 0.0843$$

$$2.\ EA = \left[1 - \frac{(POH^* + EUOR\ (PH - POH^* - RSH^*))}{PH} \right] \times 100$$

Target POH* = 216.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(216.0 + 0.0843\ (2209.0 - 216.0 - 0.0))}{2209.0} \right] \times 100 = 82.6\ \%$$

Note: Please refer to page 10 of this schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
for October 1998 - December 1998
Based on Target Planned Outage Hours
Smith 1

Results of Operations

	Oct	Nov	Dec	Total
FOH	0.0	24.3	26.7	51.0
EFOH	2.9	5.1	1.2	9.2
MOH	0.0	0.0	0.0	0.0
EMOH	0.0	0.0	0.0	0.0
PH	745.0	720.0	744.0	2209.0
POH	0.0	0.0	0.0	0.0
RSH	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(51.0 + 9.2 + 0.0 + 0.0)}{(2209.0 - 0.0 - 0.0)}$$

EUOR = 0.0273

$$2.\ EA = \left[1 - \frac{(POH^* + EUOR\ (PH - POH^* - RSH^*))}{PH} \right] \times 100$$

Target POH* = 0.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(0.0 + 0.0273\ (2209.0 - 0.0 - 0.0))}{2209.0} \right] \times 100 = 97.3\ \%$$

Note: Please refer to page 10 of this schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
for October 1998 - December 1998
Based on Target Planned Outage Hours
Smith 2

Results of Operations

	Oct	Nov	Dec	Total
FOH	0.0	0.0	29.1	29.1
EFOH	1.9	0.1	0.1	2.1
MOH	0.0	0.0	3.7	3.7
EMOH	0.0	0.0	0.0	0.0
PH	745.0	720.0	744.0	2209.0
POH	0.0	0.0	170.6	170.6
RSH	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(29.1 + 2.1 + 3.7 + 0.0)}{(2209.0 - 170.6 - 0.0)}$$

$$EUOR = 0.0171$$

$$2.\ EA = \left[1 - \frac{(POH^* + EUOR\ (PH - POH^* - RSH^*))}{PH} \right] \times 100$$

Target POH* = 216.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(216.0 + 0.0171\ (2209.0 - 216.0 - 0.0))}{2209.0} \right] \times 100 = 88.7\ \%$$

Note: Please refer to page 10 of this schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
for October 1998 - December 1998
Based on Target Planned Outage Hours
Daniel 1

Results of Operations

	Oct	Nov	Dec	Total
FOH	0.0	0.0	0.0	0.0
EFOH	0.0	0.0	3.9	3.9
MOH	0.0	0.0	225.5	225.5
EMOH	0.0	0.0	0.0	0.0
PH	745.0	720.0	744.0	2209.0
POH	745.0	720.0	485.2	1950.2
RSH	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(0.0 + 3.9 + 225.5 + 0.0)}{(2209.0 - 1950.2 - 0.0)}$$

$$EUOR = 0.8864$$

$$2.\ EA = \left[1 - \frac{(POH^* + EUOR\ (PH - POH^* - RSH^*))}{PH} \right] \times 100$$

Target POH* = 1777.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(1777.0 + 0.8864\ (2209.0 - 1777.0 - 0.0))}{2209.0} \right] \times 100 = 2.2\ \%$$

Note: Please refer to page 10 of this schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability
for October 1998 - December 1998
Based on Target Planned Outage Hours
Daniel 2

Results of Operations

	Oct	Nov	Dec	Total
FOH	145.3	0.0	23.7	169.0
EFOH	90.0	35.5	170.9	296.4
MOH	0.0	0.0	38.0	38.0
EMOH	4.2	0.0	0.0	4.2
PH	745.0	720.0	744.0	2209.0
POH	0.0	555.3	0.0	555.3
RSH	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(169.0 + 296.4 + 38.0 + 4.2)}{(2209.0 - 555.3 - 0.0)}$$

$$EUOR = 0.3069$$

$$2.\ EA = \left[1 - \frac{(POH^* + EUOR\ (PH - POH^* - RSH^*))}{PH} \right] \times 100$$

Target POH* = 216.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(216.0 + 0.3069\ (2209.0 - 216.0 - 0.0))}{2209.0} \right] \times 100 = 62.5\ \%$$

Note: Please refer to page 10 of this schedule for an explanation of symbols.

Calculation of Equivalent Availability Points
for October 1998 - December 1998

(1) Unit	(2) Equivalent Availability Target*	(3) Actual Equivalent Availability Adjusted to Target Planned Outage Basis**	(4) Minimum or Maximum Attainable Equivalent Availability*	(5) Availability Points***
Crist 6	85.9	87.6	87.2	10.00
Crist 7	76.8	82.6	80.8	10.00
Smith 1	98.1	97.3	97.3	-10.00
Smith 2	87.1	88.7	88.0	10.00
Daniel 1	17.3	2.2	16.3	-10.00
Daniel 2	83.1	62.5	79.9	-10.00

* As appropriate from page 5, Schedule 3 of Exhibit to G. D. Fontaine's June 22, 1998 GPIF testimony in Docket 980001-EI.

** Refer to pages 3 through 8 of this schedule for calculations.

*** If (3) > (2)

$$\text{Availability Points} = \frac{(3) - (2)}{(4) - (2)} \times 10$$

If (3) < (2)

$$\text{Availability Points} = \frac{(3) - (2)}{(4) - (2)} \times -10$$

Summary of Equivalent Availability Symbols

EA - Equivalent Availability
POH - Planned Outage Hours
EUOR - Equivalent Unplanned Outage Rate
PH - Period Hours
FOH - Forced Outage Hours
EFOH - Equivalent Forced Outage Hours
MOH - Maintenance Outage Hours
EMOH - Equivalent Maintenance Outage Hours
RSH - Reserve Shutdown Hours

III. CALCULATION OF GPIF UNIT HEAT RATE POINTS

Calculation of Average Net Operating Heat Rate Points
for October 1998 - December 1998

Crist 6

	Oct	Nov	Dec	Total
Pounds Coal(000's)	137814.8	112813.8	133194.0	383822.6
BTU/Lb*	11763.2	11815.7	11665.6	11744.8
Coal, MMBTU	1621143.1	1332974.0	1553787.9	4507905.0
Oil, MMBTU	1028.7	1375.7	1689.8	4094.2
Gas, MMBTU	500.0	3650.0	0.0	4150.0
Startup, MMBTU **	0.0	-4040.0	0.0	-4040.0
Total Fuel Consumption, MMBTU	1622671.8	1333959.7	1555477.7	4512109.2
Net MWH Generation***	148447	125595	146354	420396
Average Net Operating Heat Rate	10931	10621	10628	10733

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for October 1998 - December 1998

Crist 7

	Oct	Nov	Dec	Total
Pounds Coal(000's)	182145.4	212149.3	253251.9	647546.6
BTU/Lb*	11728.8	11694.6	11704.3	11708.0
Coal, MMBTU	2136347.0	2481001.2	2964136.2	7581484.4
Oil, MMBTU	498.3	1235.7	1339.0	3073.0
Gas, MMBTU	3470.0	7137.0	7686.0	18293.0
Startup, MMBTU **	-2256.0	-4512.0	0.0	-6768.0
Total Fuel Consumption, MMBTU	2138059.3	2484861.9	2973161.2	7596082.4
Net MWH Generation***	206383	243105	293705	743193
Average Net Operating Heat Rate	10360	10221	10123	10221

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for October 1998 - December 1998

Smith 1

	Oct	Nov	Dec	Total
Pounds Coal(000's)	97150.6	85394.9	86306.0	268851.5
BTU/Lb*	11857.3	11767.9	11811.3	11814.1
Coal, MMBTU	1151943.8	1004918.6	1019386.1	3176248.5
Oil, MMBTU	482.8	1681.6	1491.7	3656.1
Gas, MMBTU	0.0	0.0	0.0	0.0
Startup, MMBTU **	0.0	-964.0	-964.0	-1928.0
Total Fuel Consumption, MMBTU	1152426.6	1005636.2	1019913.8	3177976.6
Net MWH Generation***	113422	100881	101250	315553
Average Net Operating Heat Rate	10161	9969	10073	10071

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for October 1998 - December 1998

Smith 2

	Oct	Nov	Dec	Total
Pounds Coal(000's)	113681.2	111864.2	79553.5	305098.9
BTU/Lb*	11793.5	11752.9	11734.3	11763.2
Coal, MMBTU	1340699.2	1314728.8	933504.6	3588932.6
Oil, MMBTU	232.2	216.9	2332.8	2781.9
Gas, MMBTU	0.0	0.0	0.0	0.0
Startup, MMBTU **	0.0	0.0	-1190.0	-1190.0
Total Fuel Consumption, MMBTU	1340931.4	1314945.7	934647.4	3590524.5
Net MWH Generation***	135252	132201	93443	360896
Average Net Operating Heat Rate	9914	9947	10002	9949

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for October 1998 - December 1998

Daniel 1

	Oct	Nov	Dec	Total
Pounds Coal(000's)	0.0	0.0	4652.1	4652.1
BTU/Lb*	0.0	0.0	9223.4	9223.4
Coal, MMBTU	0.0	0.0	42908.2	42908.2
Oil, MMBTU	0.0	0.0	7522.9	7522.9
Gas, MMBTU	0.0	0.0	0.0	0.0
Startup, MMBTU **	0.0	0.0	-2388.7	-2388.7
Total Fuel Consumption, MMBTU	0.0	0.0	48042.4	48042.4
Net MWH Generation***	0	0	3297	3297
Average Net Operating Heat Rate	--	--	14572	14572

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate Points
for October 1998 - December 1998

Daniel 2

	Oct	Nov	Dec	Total
Pounds Coal(000's)	245598.3	59765.5	251742.6	557106.4
BTU/Lb*	9191.0	9337.9	9207.3	9214.1
Coal, MMBTU	2257294.0	558084.3	2317869.6	5133247.9
Oil, MMBTU	11167.4	3848.9	5483.4	20499.7
Gas, MMBTU	0.0	0.0	0.0	0.0
Startup, MMBTU **	-9554.8	-2388.7	-2388.7	-14332.2
Total Fuel Consumption, MMBTU	2258906.6	559544.5	2320964.3	5139415.4
Net MWH Generation***	215074	52914	222012	490000
Average Net Operating Heat Rate	10503	10575	10454	10489

* Weighted average of daily as-burned BTU/Lb values.
** Based on number of unit starts after unit off-line 24 hours or more.
*** Not reduced by off-line station service.

Calculation of Average Net Operating Heat Rate
for October 1998 - December 1998
Adjusted to Target Basis Using Heat Rate
Equations Filed June 22, 1998

Crist 6

		Oct	Nov	Dec	Oct - Dec
1.	Target Heat Rate*	10466	10797	10930	
2.	Target Heat Rate at Actual Conditions**	10448	10639	10696	
3.	Adjustment to Actual Heat Rate (1-2)	18	158	234	
4.	Actual Heat Rate (Page 2 of Sched. 3)	10931	10621	10628	
5.	Adjusted Actual Heat Rate (4+3)	10949	10779	10862	
6.	Net MWH Generation	148447	125595	146354	
7.	Adjusted Actual Heat Rate for October 1998 - December 1998 $=(\Sigma(5*6)/\Sigma 6)$				10868

* From page 18, schedule 3 of Exhibit to G. D. Fontaine's June 22, 1998 GPIF testimony in Docket 980001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

Calculation of Average Net Operating Heat Rate
for October 1998 - December 1998
Adjusted to Target Basis Using Heat Rate
Equations Filed June 22, 1998

Crist 7

		Oct	Nov	Dec	Oct - Dec
1.	Target Heat Rate*	10114	10135	10216	
2.	Target Heat Rate at Actual Conditions**	10258	10232	10235	
3.	Adjustment to Actual Heat Rate (1-2)	-144	-97	-19	
4.	Actual Heat Rate (Page 3 of Sched. 3)	10360	10221	10123	
5.	Adjusted Actual Heat Rate (4+3)	10216	10124	10104	
6.	Net MWH Generation	206383	243105	293705	
7.	Adjusted Actual Heat Rate for October 1998 - December 1998 $=(\Sigma(5*6)/\Sigma 6)$				10142

* From page 19, schedule 3 of Exhibit to G. D. Fontaine's June 22, 1998 GPIF testimony in Docket 980001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

Calculation of Average Net Operating Heat Rate
for October 1998 - December 1998
Adjusted to Target Basis Using Heat Rate
Equations Filed June 22, 1998

Smith 1

		Oct	Nov	Dec	Oct - Dec
1.	Target Heat Rate*	10186	10196	10242	
2.	Target Heat Rate at Actual Conditions**	10198	10219	10232	
3.	Adjustment to Actual Heat Rate (1-2)	-12	-23	10	
4.	Actual Heat Rate (Page 4 of Sched. 3)	10161	9969	10073	
5.	Adjusted Actual Heat Rate (4+3)	10149	9946	10083	
6.	Net MWH Generation	113422	100881	101250	
7.	Adjusted Actual Heat Rate for October 1998 - December 1998 $=(\Sigma(5*6)/\Sigma 6)$				10063

* From page 20, schedule 3 of Exhibit to G. D. Fontaine's June 22, 1998 GPIF testimony in Docket 980001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

Calculation of Average Net Operating Heat Rate
for October 1998 - December 1998
Adjusted to Target Basis Using Heat Rate
Equations Filed June 22, 1998

Smith 2

		Oct	Nov	Dec	Oct - Dec
1.	Target Heat Rate*	10263	10251	10211	
2.	Target Heat Rate at Actual Conditions**	10261	10265	10222	
3.	Adjustment to Actual Heat Rate (1-2)	2	-14	-11	
4.	Actual Heat Rate (Page 5 of Sched. 3)	9914	9947	10002	
5.	Adjusted Actual Heat Rate (4+3)	9916	9933	9991	
6.	Net MWH Generation	135252	132201	93443	
7.	Adjusted Actual Heat Rate for October 1998 - December 1998 $=(\Sigma(5*6)/\Sigma 6)$				9942

* From page 21, schedule 3 of Exhibit to G. D. Fontaine's June 22, 1998 GPIF testimony in Docket 980001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

Calculation of Average Net Operating Heat Rate
for October 1998 - December 1998
Adjusted to Target Basis Using Heat Rate
Equations Filed June 22, 1998

Daniel 1

		Oct	Nov	Dec	Oct - Dec
1.	Target Heat Rate*	-	-	10655	
2.	Target Heat Rate at Actual Conditions**	-	-	10550	
3.	Adjustment to Actual Heat Rate (1-2)	0	0	105	
4.	Actual Heat Rate (Page 6 of Sched. 3)	0	0	14571	
5.	Adjusted Actual Heat Rate (4+3)	0	0	14676	
6.	Net MWH Generation	0	0	3297	
7.	Adjusted Actual Heat Rate for October 1998 - December 1998 $=(\Sigma(5*6)/\Sigma 6)$				14676

* From page 22, schedule 3 of Exhibit to G. D. Fontaine's June 22, 1998 GPIF testimony in Docket 980001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

Calculation of Average Net Operating Heat Rate
for October 1998 - December 1998
Adjusted to Target Basis Using Heat Rate
Equations Filed June 22, 1998

Daniel 2

		Oct	Nov	Dec	Oct - Dec
1.	Target Heat Rate*	10182	10309	10385	
2.	Target Heat Rate at Actual Conditions**	10345	10550	10589	
3.	Adjustment to Actual Heat Rate (1-2)	-163	-241	-204	
4.	Actual Heat Rate (Page 7 of Sched. 3)	10503	10575	10454	
5.	Adjusted Actual Heat Rate (4+3)	10340	10334	10250	
6.	Net MWH Generation	215074	52914	222012	
7.	Adjusted Actual Heat Rate for October 1998 - December 1998 $=(\Sigma(5*6)/\Sigma 6)$				10299

* From page 23, schedule 3 of Exhibit to G. D. Fontaine's June 22, 1998 GPIF testimony in Docket 980001-EI.

** Based on target heat rate equation from page 2, Schedule 1 of above mentioned filing using actual rather than forecast variable values. The equations are also shown for convenience on page 15 of this schedule.

Actual Values of
Target Heat Rate Equation Parameters
for October 1998 - December 1998

	Oct	Nov	Dec
Crist 6			
AKW * 10^{+3}	206.5	228.1	196.7
LSRF * 10^{+6}	47250.6	57334.5	43301.9
Crist 7			
AKW * 10^{+3}	383.4	396.4	394.8
LSRF • 10^{+6}	158188.1	170204.8	169943.8
Smith 1			
AKW * 10^{+3}	152.2	145.0	141.2
LSRF * 10^{+6}	23376.0	21511.6	20628.2
Smith 2			
AKW * 10^{+3}	181.5	183.6	172.9
LSRF * 10^{+6}	33201.9	33786.6	30572.2
Daniel 1			
AKW * 10^{+3}	0.0	0.0	99.0
LSRF * 10^{+6}	0.0	0.0	14196.3
Daniel 2			
AKW * 10^{+3}	358.6	321.3	325.4
LSRF * 10^{+6}	137327.3	112432.0	109565.0

Target Heat Rate Equations

Crist 6 ANOHR = 10^6 / AKW * [425.50 - 38.13 * FEB - 32.39 * MAR - 43.76 * OCT]
+ 6,831 + 0.00773 * LSRF / AKW

Crist 7 ANOHR = 10^6 / AKW * [306.05 + 76.91 * MAY + 35.39 * JUN + 95.55 * JUL + 47.29 * AUG]
+ 9,460

Smith 1 ANOHR = 10^6 / AKW * [66.60 + 13.44 * JAN + 16.58 * FEB + 11.46 * MAR - 8.41 * MAY + 11.13 * JUL]
+ 9,760

Smith 2 ANOHR = 10^6 / AKW * [159.06 + 14.06 * JAN + 42.51 * MAR + 24.16 * JUL + 20.05 * AUG]
+ 6,911 + 0.01352 * LSRF / AKW

Daniel 1 ANOHR = 10^6 / AKW * [-141.87 - 50.17 * MAR]
+ 12,568 - 0.00408 * LSRF / AKW

Daniel 2 ANOHR = 10^6 / AKW * [4.25 - 61.50 * JAN - 54.19 * FEB - 46.22 * MAR - 38.23 * OCT]
+ 11,573 - 0.00296 * LSRF / AKW

Where:		
	ANOHR	Average Net Operating Heat Rate, BTU/KWH
	AKW	Average Kilowatt Load, KW
	LSRF	Load Square Range Factor, KW^2
	JAN	January, 0 if not January, 1 if January
	FEB	February, 0 if not February, 1 if February
	MAR	March, 0 if not March, 1 if March
	APR	April, 0 if not April, 1 if April
	MAY	May, 0 if not May, 1 if May
	JUN	June, 0 if not June, 1 if June
	JUL	July, 0 if not July, 1 if July
	AUG	August, 0 if not August, 1 if August
	SEP	September, 0 if not September, 1 if September
	OCT	October, 0 if not October, 1 if October
	NOV	November, 0 if not November, 1 if November

Calculation of Heat Rate Points
for October 1998 - December 1998

(1)	(2)	(3)	(4)	(5)
Unit	Actual Average Average Net Operating Heat Rate Target*	Net Operating Heat Rate Adjusted to Target Basis**	Minimum Attainable Heat Rate*	Heat Rate Points***
Crist 6	10737	10868	10415	-2.27
Crist 7	10156	10142	9851	0.00
Smith 1	10207	10063	9901	2.99
Smith 2	10246	9942	9939	9.87
Daniel 1	10655	14676	10335	-10.00
Daniel 2	10300	10299	9991	0.00

* From page 5, Schedule 3 of Exhibit to G. D. Fontaine's June 22, 1998 GPIF testimony in Docket 980001-EI.

** Refer to pages 8 through 13 of this schedule for calculation.

*** If [(2) - 75] <= (3) <= [(2) + 75] then points = 0

$$\text{If } [\,(2) - (3) - 75\,] > 0 \text{ then points} = \frac{(2) - (3) - 75}{(2) - (4) - 75} * 10$$

$$\text{If } [\,(2) - (3) + 75\,] < 0 \text{ then points} = \frac{(2) - (3) + 75}{(2) - (4) - 75} * 10$$

Calculation of Heat Rate Points

GPIF Points and Reward or Penalty

for October 1998 - December 1998

Unit	Availability Points	Availability* Weighting Factor	Heat Rate Points	Heat Rate* Weighting Factor
Crist 6	10.00	0.008	-2.27	0.113
Crist 7	10.00	0.118	0.00	0.247
Smith 1	-10.00	0.019	2.99	0.059
Smith 2	10.00	0.032	9.87	0.055
Daniel 1	-10.00	0.018	-10.00	0.042
Daniel 2	-10.00	0.034	0.00	0.255

Company GPIF Points = + 10.00 * 0.008 - 2.27 * 0.113
+ 10.00 * 0.118 + 0.00 * 0.247
- 10.00 * 0.019 + 2.99 * 0.059
+ 10.00 * 0.032 + 9.87 * 0.055
- 10.00 * 0.018 - 10.00 * 0.042
- 10.00 * 0.034 + 0.00 * 0.255
0.91

Company reward/penalty = 0.91 points * $42501 per point

= $38,676

* From page 5, Schedule 3 of Exhibit to G. D. Fontaine's June 22, 1998 GPIF testimony in Docket 980001-EI.

V. GPIF MINIMUM FILING REQUIREMENTS FOR THE OCTOBER 1998 - DECEMBER 1998 PERIOD

Generating Performance Incentive Factor

Actual Reward/Penalty Table

Gulf Power Company

Period of: October 1998 - December 1998

Generating Performance Incentive Factor Points	Fuel Saving/Loss ($000)	Generating Performance Incentive Factor ($000)
	Maximum Attainable Fuel Savings	Maximum Incentive Dollars Allowed by Commission During Period (Reward)
+ 10	1344	425
+ 9	1210	383
+ 8	1075	340
+ 7	941	298
+ 6	806	255
+ 5	672	213
+ 4	538	170
+ 3	403	128
+ 2	269	85
+ 1	134	43
0	0	0
- 1	-152	-43
- 2	-304	-85
- 3	-456	-128
- 4	-608	-170
- 5	-760	-213
- 6	-912	-255
- 7	-1064	-298
- 8	-1216	-340
- 9	-1368	-383
- 10	-1520	-425
	Minimum Attainable Fuel Loss	Maximum Incentive Dollars Allowed by Commission During Period (Penalty)

Generating Performance Incentive Factor

Calculation of Maximum Allowed Incentive Dollars

Actual

Gulf Power Company

Period of: October 1998 - December 1998

Line 1	Beginning of Period Balance of Common Equity	$432,725,103
	End of Month Balance of Common Equity:	
Line 2	Month of Oct '98	$420,345,891
Line 3	Month of Nov '98	$422,966,199
Line 4	Month of Dec '98	$427,652,271
Line 5	Average Common Equity for the Period (sum of line 1 through line 4 divided by 4)	$425,922,366
Line 6	25 Basis Points	0.0025
Line 7	Revenue Expansion Factor	60.4524%
Line 8	Maximum Allowed Incentive Dollars (line 5 multiplied by line 6 divided by line 7 multiplied by 0.25)	$440,349
Line 9	Jurisdictional Sales (KWH)	2,064,403,827
Line 10	Total Territorial Sales (KWH)	2,138,911,706
Line 11	Jurisdictional Separation Factor (line 9 divided by line 10)	96.5166%
Line 12	Maximum Allowed Jurisdictional Incentive Dollars (line 8 multiplied by line 11)	$425,010

Issued by: T. J. Bowden

Filed: April 1,1999
Suspended:
Effective: April 1,1999
Docket No.: 990001-EI
Order No.:

Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1998 - December 1998

Crist 6

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	11	87.20	+ 10	152	10,415
+ 9	10	87.07	+ 9	137	10,440
+ 8	9	86.94	+ 8	122	10,464
+ 7	8	86.81	+ 7	106	10,489
+ 6	7	86.68	+ 6	91	10,514
+ 5	6	86.55	+ 5	76	10,539
+ 4	4	86.42	+ 4	61	10,563
+ 3	3	86.29	+ 3	46	10,588
+ 2	2	86.16	+ 2	30	10,613
+ 1	1	86.03	+ 1	15	10,637
				0	10,662
0	0	85.90	0	0	10,737
				0	10,812
- 1	(8)	85.71	- 1	(15)	10,837
- 2	(16)	85.52	- 2	(30)	10,861
- 3	(24)	85.33	- 3	(46)	10,886
- 4	(32)	85.14	- 4	(61)	10,911
- 5	(40)	84.95	- 5	(76)	10,936
- 6	(47)	84.76	- 6	(91)	10,960
- 7	(55)	84.57	- 7	(106)	10,985
- 8	(63)	84.38	- 8	(122)	11,010
- 9	(71)	84.19	- 9	(137)	11,034
- 10	(79)	84.00	- 10	(152)	11,059
Weighting Factor:		0.008	Weighting Factor:		0.113

Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1998 - December 1998

Crist 7

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	158	80.80	+ 10	332	9,851
+ 9	142	80.40	+ 9	299	9,874
+ 8	126	80.00	+ 8	266	9,897
+ 7	111	79.60	+ 7	232	9,920
+ 6	95	79.20	+ 6	199	9,943
+ 5	79	78.80	+ 5	166	9,966
+ 4	63	78.40	+ 4	133	9,989
+ 3	47	78.00	+ 3	100	10,012
+ 2	32	77.60	+ 2	66	10,035
+ 1	16	77.20	+ 1	33	10,058
				0	10,081
0	0	76.80	0	0	10,156
				0	10,231
- 1	(20)	76.20	- 1	(33)	10,254
- 2	(40)	75.60	- 2	(66)	10,277
- 3	(60)	75.00	- 3	(100)	10,300
- 4	(80)	74.40	- 4	(133)	10,323
- 5	(100)	73.80	- 5	(166)	10,346
- 6	(119)	73.20	- 6	(199)	10,369
- 7	(139)	72.60	- 7	(232)	10,392
- 8	(159)	72.00	- 8	(266)	10,415
- 9	(179)	71.40	- 9	(299)	10,438
- 10	(199)	70.80	- 10	(332)	10,461
Weighting Factor:		0.118	Weighting Factor:		0.247

Issued by: T. J. Bowden

Filed: April 1,1999
Suspended:
Effective: April 1,1999
Docket No.: 990001-EI
Order No.:

Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1998 - December 1998

Smith 1

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	25	98.70	+ 10	79	9,901
+ 9	23	98.64	+ 9	71	9,924
+ 8	20	98.58	+ 8	63	9,947
+ 7	18	98.52	+ 7	55	9,970
+ 6	15	98.46	+ 6	47	9,993
+ 5	13	98.40	+ 5	40	10,017
+ 4	10	98.34	+ 4	32	10,040
+ 3	8	98.28	+ 3	24	10,063
+ 2	5	98.22	+ 2	16	10,086
+ 1	3	98.16	+ 1	8	10,109
				0	10,132
0	0	98.10	0	0	10,207
				0	10,282
- 1	(3)	98.02	- 1	(8)	10,305
- 2	(7)	97.94	- 2	(16)	10,328
- 3	(10)	97.86	- 3	(24)	10,351
- 4	(14)	97.78	- 4	(32)	10,374
- 5	(17)	97.70	- 5	(40)	10,398
- 6	(20)	97.62	- 6	(47)	10,421
- 7	(24)	97.54	- 7	(55)	10,444
- 8	(27)	97.46	- 8	(63)	10,467
- 9	(31)	97.38	- 9	(71)	10,490
- 10	(34)	97.30	- 10	(79)	10,513
Weighting Factor:		0.019	Weighting Factor:		0.059

Issued by: T. J. Bowden

Filed: April 1,1999
Suspended:
Effective: April 1,1999
Docket No.: 990001-EI
Order No.:

Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1998 - December 1998

Smith 2

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	43	88.00	+ 10	74	9,939
+ 9	39	87.91	+ 9	67	9,962
+ 8	34	87.82	+ 8	59	9,985
+ 7	30	87.73	+ 7	52	10,009
+ 6	26	87.64	+ 6	44	10,032
+ 5	22	87.55	+ 5	37	10,055
+ 4	17	87.46	+ 4	30	10,078
+ 3	13	87.37	+ 3	22	10,101
+ 2	9	87.28	+ 2	15	10,125
+ 1	4	87.19	+ 1	7	10,148
				0	10,171
0	0	87.10	0	0	10,246
				0	10,321
- 1	(7)	86.96	- 1	(7)	10,344
- 2	(13)	86.82	- 2	(15)	10,367
- 3	(20)	86.68	- 3	(22)	10,391
- 4	(26)	86.54	- 4	(30)	10,414
- 5	(33)	86.40	- 5	(37)	10,437
- 6	(40)	86.26	- 6	(44)	10,460
- 7	(46)	86.12	- 7	(52)	10,483
- 8	(53)	85.98	- 8	(59)	10,507
- 9	(59)	85.84	- 9	(67)	10,530
- 10	(66)	85.70	- 10	(74)	10,553
Weighting Factor:		0.032	Weighting Factor:		0.055

Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1998 - December 1998

Daniel 1

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	24	18.00	+ 10	57	10,335
+ 9	22	17.93	+ 9	51	10,360
+ 8	19	17.86	+ 8	46	10,384
+ 7	17	17.79	+ 7	40	10,409
+ 6	14	17.72	+ 6	34	10,433
+ 5	12	17.65	+ 5	29	10,458
+ 4	10	17.58	+ 4	23	10,482
+ 3	7	17.51	+ 3	17	10,507
+ 2	5	17.44	+ 2	11	10,531
+ 1	2	17.37	+ 1	6	10,556
				0	10,580
0	0	17.30	0	0	10,655
				0	10,730
- 1	(2)	17.20	- 1	(6)	10,755
- 2	(3)	17.10	- 2	(11)	10,779
- 3	(5)	17.00	- 3	(17)	10,804
- 4	(6)	16.90	- 4	(23)	10,828
- 5	(8)	16.80	- 5	(29)	10,853
- 6	(9)	16.70	- 6	(34)	10,877
- 7	(11)	16.60	- 7	(40)	10,902
- 8	(12)	16.50	- 8	(46)	10,926
- 9	(14)	16.40	- 9	(51)	10,951
- 10	(15)	16.30	- 10	(57)	10,975
Weighting Factor:		0.018	Weighting Factor:		0.042

Issued by: T. J. Bowden

Filed: April 1,1999
Suspended:
Effective: April 1,1999
Docket No.: 990001-EI
Order No.:

Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1998 - December 1998

Daniel 2

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	46	85.20	+ 10	343	9,991
+ 9	41	84.99	+ 9	309	10,014
+ 8	37	84.78	+ 8	274	10,038
+ 7	32	84.57	+ 7	240	10,061
+ 6	28	84.36	+ 6	206	10,085
+ 5	23	84.15	+ 5	172	10,108
+ 4	18	83.94	+ 4	137	10,131
+ 3	14	83.73	+ 3	103	10,155
+ 2	9	83.52	+ 2	69	10,178
+ 1	5	83.31	+ 1	34	10,202
				0	10,225
0	0	83.10	0	0	10,300
				0	10,375
- 1	(9)	82.78	- 1	(34)	10,398
- 2	(18)	82.46	- 2	(69)	10,422
- 3	(27)	82.14	- 3	(103)	10,445
- 4	(36)	81.82	- 4	(137)	10,469
- 5	(45)	81.50	- 5	(172)	10,492
- 6	(54)	81.18	- 6	(206)	10,515
- 7	(63)	80.86	- 7	(240)	10,539
- 8	(72)	80.54	- 8	(274)	10,562
- 9	(81)	80.22	- 9	(309)	10,586
- 10	(90)	79.90	- 10	(343)	10,609
Weighting Factor:		0.034	Weighting Factor:		0.255

Issued by: T. J. Bowden

Filed: April 1,1999
Suspended:
Effective: April 1,1999
Docket No.: 990001-EI
Order No.:

GPIF Unit Performance Summary

Gulf Power Company

Period of: October 1998 - December 1998

Plant & Unit	Weighting Factor %	EAF Target %	EAF Range Max %	EAF Range Min %	Max Fuel Savings ($000)	Max Fuel Loss ($000)	EAF Adjusted Actual %	Actual Fuel Savings/ Loss ($000)
Crist 6	0.8	85.9	87.2	84.0	11	-79	87.6	$11
Crist 7	11.8	76.8	80.8	70.8	158	-199	82.6	$158
Smith 1	1.9	98.1	98.7	97.3	25	-34	97.3	($34)
Smith 2	3.2	87.1	88.0	85.7	43	-66	88.7	$43
Daniel 1	1.8	17.3	18.0	16.3	24	-15	2.2	($15)
Daniel 2	3.4	83.1	85.2	79.9	46	-90	62.5	($90)
Total:	22.9							

Plant & Unit	Weighting Factor %	ANOHR Target BTU/KWH	Target NOF	ANOHR Range Max BTU/KWH	ANOHR Range Min BTU/KWH	Max Fuel Savings ($000)	Max Fuel Loss ($000)	ANOHR Adjusted Actual BTU/KWH	Actual Fuel Savings/ Loss ($000)
Crist 6	11.3	10,737	58.4	11,059	10,415	$152	($152)	10,868	($35)
Crist 7	24.7	10,156	87.3	10,461	9,851	$332	($332)	10,142	$0
Smith 1	5.9	10,207	92.6	10,513	9,901	$79	($79)	10,063	$24
Smith 2	5.5	10,246	90.9	10,553	9,939	$74	($74)	9,942	$73
Daniel 1	4.2	10,655	65.1	10,975	10,335	$57	($57)	14,676	($57)
Daniel 2	25.5	10,300	84.4	10,609	9,991	$343	($343)	10,299	$0
Total:	77.1								

Issued by: T. J. Bowden

Filed: April 1,1999
Suspended:
Effective: April 1,1999
Docket No.: 990001-EI
Order No.:

Actual Unit Performance Data

Gulf Power Company

Period of: October 1998 - December 1998

Plant & Unit	Actual EAF %	Adjustments* to EAF %	Adjusted Actual %
Crist 6	88.6	-1.0	87.6
Crist 7	83.0	-0.4	82.6
Smith 1	97.3	0.0	97.3
Smith 2	90.7	-2.0	88.7
Daniel 1	1.3	0.9	2.2
Daniel 2	51.9	10.6	62.5

Plant & Unit	Actual ANOHR BTU/KWH	Adjustments** to ANOHR BTU/KWH	ANOHR Adjusted Actual BTU/KWH
Crist 6	10,733	135	10,868
Crist 7	10,221	-79	10,142
Smith 1	10,071	-8	10,063
Smith 2	9,949	-7	9,942
Daniel 1	14,571	105	14,676
Daniel 2	10,489	-190	10,299

* Refer to pages 3 through 8, Schedule 2.

** Refer to pages 8 through 13, Schedule 3.

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1998 - December 1998

	CRIST 7	Oct '98	Nov '98	Dec '98				Total
1.	EAF (%)	68.5	83.2	97.4				83.0
2.	PH	745.0	720.0	744.0				2209.0
3.	SH	538.3	613.3	744.0				1895.6
4.	RSH	0.0	0.0	0.0				0.0
5.	UH	206.7	106.7	0.0				313.4
6.	POH	206.7	0.0	0.0				206.7
7.	FOH	0.0	106.7	0.0				106.7
8.	MOH	0.0	0.0	0.0				0.0
9.	PFOH	286.0	93.9	61.2				441.1
10.	LR pf (MW)	49.7	77.9	159.6				71.0
11.	PMOH	0.0	0.0	0.0				0.0
12.	LR pm (MW)	0.0	0.0	0.0				0.0
13.	NSC (MW)	504.0	504.0	504.0				504.0
14.	Oper MBtu	2138059	2484862	2973161				7596082
15.	Net Gen (MWH)	206383	243105	293705				743193
16.	ANOHR (Btu/KWH)	10360	10221	10123				10221
17.	NOF %	76.1	78.6	78.3				77.8
18.	NPC (MW)	504.0	504.0	504.0				504.0
19.	ANOHR Equation	10^6 / AKW * [306.05 + 76.91 * MAY + 35.39 * JUN + 95.55 * JUL + 47.29 * AUG] + 9,460						

Issued by: T. J. Bowden

Filed: April 1,1999
Suspended:
Effective: April 1,1999
Docket No.: 990001-EI
Order No.:

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1998 - December 1998

	SMITH 1	Oct '98	Nov '98	Dec '98				Total
1.	EAF (%)	99.6	95.9	96.3				97.3
2.	PH	745.0	720.0	744.0				2209.0
3.	SH	745.0	695.7	717.3				2158.0
4.	RSH	0.0	0.0	0.0				0.0
5.	UH	0.0	24.3	26.7				51.0
6.	POH	0.0	0.0	0.0				0.0
7.	FOH	0.0	24.3	26.7				51.0
8.	MOH	0.0	0.0	0.0				0.0
9.	PFOH	9.4	28.1	6.4				43.9
10.	LR pf (MW)	50.1	29.1	29.5				33.7
11.	PMOH	0.0	0.0	0.0				0.0
12.	LR pm (MW)	0.0	0.0	0.0				0.0
13.	NSC (MW)	161.0	161.0	161.0				161.0
14.	Oper MBtu	1152427	1005636	1019914				3177977
15.	Net Gen (MWH)	113422	100881	101250				315553
16.	ANOHR (Btu/KWH)	10161	9969	10073				10071
17.	NOF %	94.6	90.1	87.7				90.8
18.	NPC (MW)	161.0	161.0	161.0				161.0
19.	ANOHR Equation	10^6 / AKW * [66.60 + 13.44 * JAN + 16.58 * FEB + 11.46 * MAR - 8.41 * MAY + 11.13 * JUL] + 9,760						

Issued by: T. J. Bowden

Filed: April 1,1999
Suspended:
Effective: April 1,1999
Docket No.: 990001-EI
Order No.:

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1998 - December 1998

	SMITH 2	Oct '98	Nov '98	Dec '98				Total
1.	EAF (%)	99.7	100.0	72.6				90.7
2.	PH	745.0	720.0	744.0				2209.0
3.	SH	745.0	720.0	540.6				2005.6
4.	RSH	0.0	0.0	0.0				0.0
5.	UH	0.0	0.0	203.4				203.4
6.	POH	0.0	0.0	170.6				170.6
7.	FOH	0.0	0.0	29.1				29.1
8.	MOH	0.0	0.0	3.7				3.7
9.	PFOH	11.9	2.5	4.8				19.2
10.	LR pf (MW)	30.8	6.0	5.4				21.2
11.	PMOH	0.0	0.0	0.0				0.0
12.	LR pm (MW)	0.0	0.0	0.0				0.0
13.	NSC (MW)	191.0	191.0	191.0				191.0
14.	Oper MBtu	1340931	1314946	934647				3590524
15.	Net Gen (MWH)	135252	132201	93443				360896
16.	ANOHR (Btu/KWH)	9914	9947	10002				9949
17.	NOF %	95.1	96.1	90.5				94.2
18.	NPC (MW)	191.0	191.0	191.0				191.0
19.	ANOHR Equation	10^6 / AKW * [159.06 + 14.06 * JAN + 42.51 * MAR + 24.16 * JUL + 20.05 * AUG] + 6,911 + 0.01352 * LSRF / AKW						

Issued by: T. J. Bowden

Filed: April 1,1999
Suspended:
Effective: April 1,1999
Docket No.: 990001-EI
Order No.:

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1998 - December 1998

	DANIEL 1	Oct '98	Nov '98	Dec '98				Total
1.	EAF (%)	0.0	0.0	4.0				1.3
2.	PH	745.0	720.0	744.0				2209.0
3.	SH	0.0	0.0	33.3				33.3
4.	RSH	0.0	0.0	0.0				0.0
5.	UH	745.0	720.0	710.7				2175.7
6.	POH	745.0	720.0	485.2				1950.2
7.	FOH	0.0	0.0	0.0				0.0
8.	MOH	0.0	0.0	225.5				225.5
9.	PFOH	0.0	0.0	8.5				8.5
10.	LR pf (MW)	0.0	0.0	219.4				219.4
11.	PMOH	0.0	0.0	0.0				0.0
12.	LR pm (MW)	0.0	0.0	0.0				0.0
13.	NSC (MW)	477.0	477.0	477.0				477.0
14.	Oper MBtu	0	0	48042				48042
15.	Net Gen (MWH)	0	0	3297				3297
16.	ANOHR (Btu/KWH)	0	0	14571				14571
17.	NOF %	0.0	0.0	20.8				20.8
18.	NPC (MW)	477.0	477.0	477.0				477.0
19.	ANOHR Equation	10^6 / AKW * [-141.87 - 50.17 * MAR] + 12,568 - 0.00408 * LSRF / AKW						

Issued by: T. J. Bowden

Filed: April 1,1999
Suspended:
Effective: April 1,1999
Docket No.: 990001-EI
Order No.:

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1998 - December 1998

	DANIEL 2	Oct '98	Nov '98	Dec '98				Total
1.	EAF (%)	67.8	17.9	68.7				51.9
2.	PH	745.0	720.0	744.0				2209.0
3.	SH	599.7	164.7	682.3				1446.7
4.	RSH	0.0	0.0	0.0				0.0
5.	UH	145.3	555.3	61.7				762.3
6.	POH	0.0	555.3	0.0				555.3
7.	FOH	145.3	0.0	23.7				169.0
8.	MOH	0.0	0.0	38.0				38.0
9.	PFOH	505.0	105.6	640.9				1251.5
10.	LR pf (MW)	85.0	160.4	127.2				113.0
11.	PMOH	16.3	0.0	0.0				16.3
12.	LR pm (MW)	124.0	0.0	0.0				124.0
13.	NSC (MW)	477.0	477.0	477.0				477.0
14.	Oper MBtu	2258907	559544	2320964				5139415
15.	Net Gen (MWH)	215074	52914	222012				490000
16.	ANOHR (Btu/KWH)	10503	10575	10454				10489
17.	NOF %	75.2	67.4	68.2				71.0
18.	NPC (MW)	477.0	477.0	477.0				477.0
19.	ANOHR Equation	10^6 / AKW * [4.25 - 61.50 * JAN - 54.19 * FEB - 46.22 * MAR - 38.23 * OCT] + 11,573 - 0.00296 * LSRF / AKW						

Issued by: T. J. Bowden

Filed: April 1,1999
Suspended:
Effective: April 1,1999
Docket No.: 990001-EI
Order No.:

Planned Outage Schedules (Actual)

Period of: October 1998 - December 1998

Critical path bar charts of actual work activity performed during major planned outages are not shown here since corresponding bar charts of forecast work activity were not provided earlier in conformance with agreement with Staff to avoid the premature production of charts prior to their normal course of development. Forecast and actual critical path bar charts are developed for each planned outage and, per agreement with Staff, these charts will be provided on request.

AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

Docket No. 990001-EI

Before me the undersigned authority, personally appeared George D. Fontaine, who being first duly sworn, deposes, and says that he is the Performance Test Specialist for Gulf Power Company, a Maine Corporation, and that the foregoing is true and correct to the best of his knowledge, information, and belief. He is personally known to me.

George D. Fontaine
Performance Test Specialist

Sworn to and subscribed before me this 30 day of March, 1999.

Notary Public, State of Florida at Large

PEGGY A. WILSON
Notary Public-State of FL
Comm. Exp: Sept. 1, 2001
Comm. No: CC 676351