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ORIGINAL

GULF POWER
A SOUTHERN COMPANY

November 20, 1997

Ms. Blanca S. Bayo, Director
Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee FL 32399-0870

Dear Ms. Bayo:

RE: Docket No. 970001-EI

Enclosed for official filing in the above docket are an original and ten (10) copies of the following:

1. Prepared direct testimony and exhibit of S. D. Cranmer. 11936-97
2. Prepared direct testimony and exhibit of M. F. Oaks. 11937-97
3. Prepared direct testimony and exhibit of G. D. Fontaine. 11938-97
4. Prepared direct testimony of M. W. Howell. 11939-97

ACK
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Sincerely,

Susan D. Cranmer

Susan D. Cranmer
Assistant Secretary and Assistant Treasurer

lw
Enclosures

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

| | | |
|---|---|---|
| IN RE: Fuel and Purchased Power Cost Recovery Clause with Generating Performance Incentive Factor | ) ) ) ) | Docket No. 970001-EI |

Certificate of Service

I HEREBY CERTIFY that a true copy of the foregoing was furnished by hand delivery or the U. S. Mail this 19th day of November 1997 on the following:

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ORIGINAL

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

## GENERATING PERFORMANCE INCENTIVE FACTOR

## RESULTS FOR

## APRIL 1997 - SEPTEMBER 1997

Before

## THE FLORIDA PUBLIC SERVICE COMMISSION

## DOCKET NO. 970001-EI

GULF POWER COMPANY
Before the Florida Public Service Commission
Direct Testimony of
G. D. Fontaine
Docket No. 970001-EI
Date of Filing November 20, 1997

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 period of April 1, 1997, through September 30, 1997.

Q. Mr. Fontaine, have you prepared an exhibit that contains information to which you will refer in your testimony?

A. Yes, Sir, I have prepared an exhibit consisting of five schedules.

Q. Mr. Fontaine, was this exhibit prepared by you or under your direction and supervision?

A. Yes, it was.

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

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 this period. 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 incorporate these changes. The data contained on these tables is the data upon which the GPIF calculation was made.

Q. Mr. Fontaine, would you now review the Company's equivalent availability results for the 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. Pages 3 through 8 of Schedule 2 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-97-0359-FOF-EI is on page 9 of Schedule 2. The results are: Crist 6, +8.57 points; Crist 7, +3.64 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 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. 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, the target setting equations were used to adjust actual results to the target bases. These equations, submitted in January 1997, are shown on page 15 of Schedule 3.

As calculated on page 16 of Schedule 3, the adjusted actual average net operating heat rates correspond to GPIF unit heat rate points of: 0.00 for Crist 6, +0.67 for Crist 7; 0.00 for Smith 1, +8.10 for Smith 2; -8.37 for Daniel 1; and -10.00 for Daniel 2.

Q. Mr. Fontaine, what number of Company points were achieved during the 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 -3.50 as indicated on page 2 of Schedule 4. This calculated to a penalty in the amount of $300,745.

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, and the adjusted actual average net operating heat rates achieved, as shown on page 16 of Schedule 3, evidencing the Company's performance for the period, Gulf calculates a penalty in the amount of $300,745 as provided for by the GPIF plan.

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

A. Yes, Sir.

Florida Public Service Commission
Docket No. 970001-EI
Gulf Power Company
Witness: G. D. Fontaine
Exhibit No. ___ (GDF-1)

EXHIBIT TO THE TESTIMONY OF

G. D. FONTAINE

IN FPSC DOCKET 970001-EI

I. CORRECTIONS TO REPORTED DATA FOR THE APRIL 1997 - SEPTEMBER 1997 PERIOD

Additions and Corrections to Outages Previously Reported
for the April 1997 - September 1997 Period

| Date | Unit | Change | Outage Type | Hours | MW | Description |
|---|---|---|---|---|---|---|
| 06/97 | Daniel 1 | Add Event | PFOH | 199.3 | 28.6 | Not Originally Reported |

## II. CALCULATIONS OF EQUIVALENT AVAILABILITY POINTS

Comparison of Forecast and Actual Planned Outages
for April 1997 - September 1997

| Unit | Note | Forecast Planned Outage Schedule | Forecast Hours* | Actual Planned Outage Schedule | Actual Hours* |
|---|---|---|---|---|---|
| Crist 6 | 1 | 04/26/97 - 05/11/97 | 384.0 | None | 0.0 |
| Crist 7 | 2 | 04/05/97 - 04/20/97 | 383.0 | 04/26/97 - 06/05/97 | 965.9 |
| Smith 2 | 3 | 03/26/97 - 04/10/97 | 239.0 | 03/25/97 - 04/11/97 | 240.0 |
| Smith 2 | 4 | 09/13/97 - 09/21/97 | 216.0 | 09/12/97 - 09/19/97 | 148.3 |
| Daniel 1 | 5 | 04/26/97 - 05/04/97 | 216.0 | 05/02/97 - 05/10/97 | 175.8 |
| Daniel 2 | 6 | 05/03/97 - 05/11/97 | 216.0 | 04/25/97 - 05/04/97 | 210.8 |

* Planned outage hours in the April 1997 - September 1997 period only.

Notes:

1. This outage was deferred to the fall because necessary materials could not be delivered in time for the outage.
2. The outage date was changed subsequent to the target filing and was extended because of unforeseen turbine bearing problems.
3. This outage proceeded as scheduled.
4. This outage proceeded as scheduled with all work being completed ahead of schedule.
5. This outage was swapped with the Daniel Unit 2 outage due to the Daniel Unit 1 precipitator was in better operating condition than the Daniel Unit 2 precipitator.
6. This outage was swapped with the Daniel Unit 1 outage due to the Daniel Unit 1 precipitator was in better operating condition than the Daniel Unit 2 precipitator.

Calculation of Actual Equivalent Availability
for April 1997 - September 1997
Based on Target Planned Outage Hours
Crist 6

Results of Operations

| | Apr | May | Jun | Jul | Aug | Sep | Total |
|---|---|---|---|---|---|---|---|
| FOH | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 61.9 | 62.9 |
| EFOH | 0.0 | 5.5 | 0.7 | 121.2 | 34.5 | 1.6 | 163.7 |
| MOH | 0.0 | 14.4 | 0.0 | 0.0 | 0.0 | 0.0 | 14.4 |
| 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 | 82.6 | 0.0 | 0.0 | 0.0 | 0.0 | 82.6 |

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(62.9 + 163.7 + 14.4 + 0.0)}{(4391.0 - 0.0 - 82.6)}$$

EUOR = 0.0559

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

Target POH* = 384.0

Target RSH* = 0.0

$$EA = \left[ 1 - \frac{(384.0 + 0.0559\ (4391.0 - 384.0 - 0.0) )}{4391.0} \right] \times 100 = 86.2\ \%$$

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

Calculation of Actual Equivalent Availability
for April 1997 - September 1997
Based on Target Planned Outage Hours
Crist 7

Results of Operations

| | Apr | May | Jun | Jul | Aug | Sep | Total |
|---|---|---|---|---|---|---|---|
| FOH | 62.4 | 0.0 | 152.7 | 8.0 | 89.7 | 23.7 | 336.5 |
| EFOH | 5.1 | 0.0 | 15.5 | 8.5 | 3.8 | 8.2 | 41.1 |
| 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 | 120.0 | 744.0 | 101.9 | 0.0 | 0.0 | 0.0 | 965.9 |
| RSH | 0.0 | 0.0 | 14.8 | 0.0 | 0.0 | 0.0 | 14.8 |

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(336.5 + 41.1 + 0.0 + 0.0)}{(4391.0 - 965.9 - 14.8)}$$

EUOR = 0.1107

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

Target POH* = 383.0

Target RSH* = 0.0

$$EA = \left[ 1 - \frac{(383.0 + 0.1107\ (4391.0 - 383.0 - 0.0) )}{4391.0} \right] \times 100 = 81.2\ \%$$

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

Calculation of Actual Equivalent Availability
for April 1997 - September 1997
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 | 26.3 | 159.8 | 0.0 | 186.1 |
| EFOH | 0.0 | 1.1 | 0.2 | 2.1 | 0.0 | 0.3 | 3.7 |
| MOH | 0.0 | 52.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.0 |
| EMOH | 0.0 | 2.1 | 0.0 | 0.0 | 2.0 | 0.0 | 4.1 |
| 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 |

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(186.1 + 3.7 + 52.0 + 4.1)}{(4391.0 - 0.0 - 0.0)}$$

EUOR = 0.0560

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

Target POH* = 0.0

Target RSH* = 0.0

$$EA = \left[ 1 - \frac{(0.0 + 0.0560\ (4391.0 - 0.0 - 0.0) )}{4391.0} \right] \times 100 = 94.4\ \%$$

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

Calculation of Actual Equivalent Availability
for April 1997 - September 1997
Based on Target Planned Outage Hours
Smith 2

Results of Operations

| | Apr | May | Jun | Jul | Aug | Sep | Total |
|---|---|---|---|---|---|---|---|
| FOH | 0.0 | 0.0 | 23.1 | 0.0 | 23.7 | 0.0 | 46.8 |
| EFOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.1 |
| 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 | 240.0 | 0.0 | 0.0 | 0.0 | 0.0 | 148.3 | 388.3 |
| RSH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(46.8 + 0.1 + 0.0 + 0.0)}{(4391.0 - 388.3 - 0.0)}$$

EUOR = 0.0117

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

Target POH* = 455.0

Target RSH* = 0.0

$$EA = \left[ 1 - \frac{(455.0 + 0.0117\ (4391.0 - 455.0 - 0.0) )}{4391.0} \right] \times 100 = 88.6\ \%$$

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

Calculation of Actual Equivalent Availability
for April 1997 - September 1997
Based on Target Planned Outage Hours
Daniel 1

Results of Operations

| | Apr | May | Jun | Jul | Aug | Sep | Total |
|---|---|---|---|---|---|---|---|
| FOH | 0.0 | 0.0 | 0.0 | 82.0 | 78.6 | 65.3 | 225.9 |
| EFOH | 17.3 | 40.3 | 12.7 | 62.8 | 5.7 | 27.6 | 166.4 |
| MOH | 78.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 78.7 |
| 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 | 175.8 | 0.0 | 0.0 | 0.0 | 0.0 | 175.8 |
| RSH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(225.9 + 166.4 + 78.7 + 0.0)}{(4391.0 - 175.8 - 0.0)}$$

EUOR = 0.1117

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

Target POH* = 216.0

Target RSH* = 0.0

$$EA = \left[ 1 - \frac{(216.0 + 0.1117\ (4391.0 - 216.0 - 0.0) )}{4391.0} \right] \times 100 = 84.5\ \%$$

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

Calculation of Actual Equivalent Availability
for April 1997 - September 1997
Based on Target Planned Outage Hours
Daniel 2

Results of Operations

| | Apr | May | Jun | Jul | Aug | Sep | Total |
|---|---|---|---|---|---|---|---|
| FOH | 0.0 | 11.4 | 0.0 | 78.4 | 0.0 | 0.0 | 89.8 |
| EFOH | 31.4 | 14.7 | 8.9 | 16.3 | 4.7 | 17.9 | 93.9 |
| MOH | 0.0 | 68.6 | 0.0 | 0.0 | 0.0 | 0.0 | 68.6 |
| 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 | 120.1 | 90.7 | 0.0 | 0.0 | 0.0 | 0.0 | 210.8 |
| RSH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(89.8 + 93.9 + 68.6 + 0.0)}{(4391.0 - 210.8 - 0.0)}$$

EUOR = 0.0604

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

Target POH* = 216.0

Target RSH* = 0.0

$$EA = \left[ 1 - \frac{(216.0 + 0.0604\ (4391.0 - 216.0 - 0.0) )}{4391.0} \right] \times 100 = 89.3\ \%$$

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

Calculation of Equivalent Availability Points
for April 1997 - September 1997

| (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 | 84.4 | 86.2 | 86.5 | 8.57 |
| Crist 7 | 80.0 | 81.2 | 83.3 | 3.64 |
| Smith 1 | 96.2 | 94.4 | 94.5 | -10.00 |
| Smith 2 | 82.6 | 88.6 | 84.7 | 10.00 |
| Daniel 1 | 87.8 | 84.5 | 84.6 | -10.00 |
| Daniel 2 | 91.9 | 89.3 | 90.5 | -10.00 |

* As appropriate from page 5, Schedule 3 of Exhibit to G. D. Fontaine's January 13, 1997 GPIF testimony in Docket 970001-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 1997 - September 1997

Crist 6

| | Apr | May | Jun | Jul | Aug | Sep | Total |
|---|---|---|---|---|---|---|---|
| Pounds Coal (000's) | 109406.5 | 97679.6 | 108685.3 | 128017.4 | 132785.2 | 121474.4 | 698048.4 |
| BTU/Lb* | 11736.8 | 12047.0 | 12153.0 | 11882.6 | 11835.3 | 11849.5 | 11910.1 |
| Coal, MMBTU | 1284082.2 | 1176746.1 | 1320852.5 | 1521179.6 | 1571552.7 | 1439410.9 | 8313824.0 |
| Oil, MMBTU | 1291.4 | 1710.8 | 2740.3 | 1573.8 | 1375.1 | 1441.5 | 10132.9 |
| Gas, MMBTU | 0.0 | 3064.0 | 92.0 | 0.0 | 2673.0 | 2688.0 | 8517.0 |
| Startup, MMBTU ** | 0.0 | -4040.0 | 0.0 | 0.0 | 0.0 | -4040.0 | -8080.0 |
| Total Fuel Consumption, MMBTU | 1285373.6 | 1177480.9 | 1323684.8 | 1522753.4 | 1575600.8 | 1439500.4 | 8324393.9 |
| Net MWH Generation*** | 120758 | 110073 | 120096 | 137678 | 147345 | 136612 | 772562 |
| Average Net Operating Heat Rate | 10644 | 10697 | 11022 | 11060 | 10693 | 10537 | 10775 |

* 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 1997 - September 1997

Crist 7

| | Apr | May | Jun | Jul | Aug | Sep | Total |
|---|---|---|---|---|---|---|---|
| Pounds Coal (000's) | 167539.2 | 0.0 | 127735.8 | 241611.5 | 213805.7 | 237553.8 | 988246.0 |
| BTU/Lb* | 11762.2 | 0.0 | 11851.8 | 11822.7 | 11812.8 | 11836.2 | 11817.3 |
| Coal, MMBTU | 1970629.6 | 0.0 | 1513899.2 | 2856500.3 | 2525644.0 | 2811734.3 | 11678407.4 |
| Oil, MMBTU | 343.7 | 13.2 | 685.5 | 333.4 | [illegible]8.2 | 463.3 | 2177.3 |
| Gas, MMBTU | 2585.0 | 2067.0 | 15086.0 | 481.0 | 7402.0 | 2110.0 | 29731.0 |
| Startup, MMBTU ** | -2256.0 | 0.0 | -11280.0 | 0.0 | -4512.0 | 0.0 | -18048.0 |
| Total Fuel Consumption, MMBTU | 1971302.3 | 2080.2 | 1518390.7 | 2857314.7 | 2528872.2 | 2814307.6 | 11692267.7 |
| Net MWH Generation*** | 190256 | 0 | 142240 | 269532 | 246556 | 275946 | 1124530 |
| Average Net Operating Heat Rate | 10361 | 0 | 10675 | 10601 | 10257 | 10199 | 10397 |

* 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 1997 - September 1997

### Smith 1

| | Apr | May | Jun | Jul | Aug | Sep | Total |
|---|---|---|---|---|---|---|---|
| Pounds Coal (000's) | 89051.9 | 80713.2 | 82476.1 | 90013.4 | 70085.0 | 89963.8 | 502303.4 |
| BTU/Lb* | 12181.1 | 11900.0 | 11768.5 | 11797.7 | 11850.5 | 11963.9 | 11914.4 |
| Coal, MMBTU | 1084750.1 | 960487.1 | 970620.0 | 1061951.1 | 830542.3 | 1076317.9 | 5984668.5 |
| Oil, MMBTU | 350.7 | 1145.4 | 237.0 | 1659.9 | 2086.8 | 393.3 | 5875.1 |
| Gas, MMBTU | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Startup, MMBTU ** | 0.0 | -964.0 | 0.0 | -964.0 | -964.0 | 0.0 | -2892.0 |
| Total Fuel Consumption, MMBTU | 1085100.8 | 960668.5 | 970857.0 | 1062647.0 | 831667.1 | 1076711.2 | 5987651.6 |
| Net MWH Generation*** | 108042 | 94720 | 94927 | 102703 | 81115 | 105725 | 587232 |
| Average Net Operating Heat Rate | 10043 | 10142 | 10227 | 10347 | 10253 | 10184 | 10196 |

* 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 1997 - September 1997

Smith 2

| | Apr | May | Jun | Jul | Aug | Sep | Total |
|---|---|---|---|---|---|---|---|
| Pounds Coal (000's) | 65910.2 | 94545.7 | 87199.1 | 103390.1 | 97997.0 | 78270.1 | 527312.2 |
| BTU/Lb* | 12107.2 | 11917.4 | 11741.9 | 11754.6 | 11869.6 | 11910.2 | 11870.2 |
| Coal, MMBTU | 797988.0 | 1126738.9 | 1025883.1 | 1215309.3 | 1163185.2 | 932212.5 | 6259317.0 |
| Oil, MMBTU | 2131.2 | 359.0 | 1282.6 | 1063.3 | 1776.3 | 1923.3 | 8535.7 |
| Gas, MMBTU | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Startup, MMBTU ** | -1190.0 | 0.0 | 0.0 | 0.0 | 0.0 | -1190.0 | -2380.0 |
| Total Fuel Consumption, MMBTU | 798929.2 | 1127097.9 | 1025165.7 | 1216372.6 | 1164961.5 | 932945.8 | 6265472.7 |
| Net MWH Generation*** | 79143 | 110914 | 99596 | 118743 | 114960 | 93118 | 616474 |
| Average Net Operating Heat Rate | 10095 | 10162 | 10293 | 10244 | 10134 | 10019 | 10163 |

* 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 1997 - September 1997

Daniel 1

| | Apr | May | Jun | Jul | Aug | Sep | Total |
|---|---|---|---|---|---|---|---|
| Pounds Coal (000's) | 311958.8 | 245423.1 | 319927.4 | 297950.5 | 294242.6 | 273781.4 | 1743283.8 |
| BTU/Lb* | 9413.6 | 9525.6 | 9219.1 | 9170.6 | 9275.3 | 9303.7 | 9311.5 |
| Coal, MMBTU | 2936655.4 | 2337802.3 | 2949442.7 | 2732384.9 | 2729188.4 | 2547180.0 | 16232653.7 |
| Oil, MMBTU | 1375.8 | 6701.1 | 25.4 | 3061.8 | 5703.7 | 4100.6 | 20968.4 |
| Gas, MMBTU | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Startup, MMBTU ** | -2388.7 | -2388.7 | 0.0 | -2388.7 | -4777.4 | -4777.4 | -16720.9 |
| Total Fuel Consumption, MMBTU | 2935642.5 | 2342114.7 | 2949468.1 | 2733058.0 | 2730114.7 | 2546503.2 | 16236901.2 |
| Net MWH Generation*** | 278328 | 223625 | 278161 | 255524 | 255580 | 238566 | 1529784 |
| Average Net Operating Heat Rate | 10547 | 10473 | 10603 | 10696 | 10682 | 10674 | 10614 |

* 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 1997 - September 1997

Daniel 2

| | Apr | May | Jun | Jul | Aug | Sep | Total |
|---|---|---|---|---|---|---|---|
| Pounds Coal (000's) | 281553.2 | 262437.5 | 336199.1 | 318701.0 | 362950.6 | 339109.6 | 1900951.0 |
| BTU/Lb* | 9407.8 | 9408.5 | 9219.3 | 9165.7 | 9276.0 | 9308.5 | 9291.1 |
| Coal, MMBTU | 2648796.2 | 2469143.2 | 3099520.4 | 2921117.8 | 3366729.8 | 3156601.7 | 17661909.1 |
| Oil, MMBTU | 1311.3 | 12138.2 | 22.1 | 3795.5 | 12.6 | 5.8 | 17285.5 |
| Gas, MMBTU | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Startup, MMBTU ** | 0.0 | -4777.4 | 0.0 | -2388.7 | 0.0 | 0.0 | -7166.1 |
| Total Fuel Consumption, MMBTU | 2650107.5 | 2476504.0 | 3099542.5 | 2922524.6 | 3366742.4 | 3156607.5 | 17672028.5 |
| Net MWH Generation*** | 258017 | 239166 | 300247 | 282192 | 323887 | 305023 | 1708532 |
| Average Net Operating Heat Rate | 10271 | 10355 | 10323 | 10357 | 10395 | 10349 | 10343 |

* 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 1997 - September 1997
Adjusted to Target Basis Using Heat Rate
Equations Filed January 13, 1997

Crist 6

| | | Apr | May | Jun | Jul | Aug | Sep | Apr - Sep |
|---|---|---|---|---|---|---|---|---|
| 1. | Target Heat Rate* | 11012 | 11292 | 10867 | 10788 | 10600 | 10799 | |
| 2. | Target Heat Rate at Actual Conditions** | 10749 | 10918 | 10919 | 10864 | 10708 | 10694 | |
| 3. | Adjustment to Actual Heat Rate (1-2) | 263 | 374 | -52 | -76 | -108 | 105 | |
| 4. | Actual Heat Rate (Page 2 of Sched. 3) | 10644 | 10697 | 11022 | 11060 | 10693 | 10537 | |
| 5. | Adjusted Actual Heat Rate (4+3) | 10907 | 11071 | 10970 | 10984 | 10585 | 10642 | |
| 6. | Net MWH Generation | 120758 | 110073 | 120096 | 137678 | 147345 | 136612 | |
| 7. | Adjusted Actual Heat Rate for April 1997 - September 1997 =(Σ(5*6)/Σ6) | | | | | | | 10846 |

* From page 18, schedule 3 of Exhibit to G. D. Fontaine's January 13, 1997 GPIF testimony in Docket 970001-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 1997 - September 1997
Adjusted to Target Basis Using Heat Rate
Equations Filed January 13, 1997

Crist 7

| | | Apr | May | Jun | Jul | Aug | Sep | Apr - Sep |
|---|---|---|---|---|---|---|---|---|
| 1. | Target Heat Rate* | 10458 | 10588 | 10470 | 10525 | 10504 | 10447 | |
| 2. | Target Heat Rate at Actual Conditions** | 10446 | 10588 | 10551 | 10546 | 10490 | 10357 | |
| 3. | Adjustment to Actual Heat Rate (1-2) | 12 | 0 | -81 | -21 | 14 | 90 | |
| 4. | Actual Heat Rate (Page 3 of Sched. 3) | 10361 | 0 | 10675 | 10601 | 10257 | 10199 | |
| 5. | Adjusted Actual Heat Rate (4+3) | 10373 | 0 | 10594 | 10580 | 10271 | 10289 | |
| 6. | Net MWH Generation | 190256 | 0 | 142240 | 269532 | 246556 | 275946 | |
| 7. | Adjusted Actual Heat Rate for April 1997 - September 1997 $=(\Sigma(5*6)/\Sigma 6)$ | | | | | | | 10408 |

* From page 19, schedule 3 of Exhibit to G. D. Fontaine's January 13, 1997 GPIF testimony in Docket 970001-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 1997 - September 1997
Adjusted to Target Basis Using Heat Rate
Equations Filed January 13, 1997

Smith 1

| | | Apr | May | Jun | Jul | Aug | Sep | Apr - Sep |
|---|---|---|---|---|---|---|---|---|
| 1. | Target Heat Rate* | 10376 | 10283 | 10214 | 10201 | 10187 | 10223 | |
| 2. | Target Heat Rate at Actual Conditions** | 10346 | 10269 | 10297 | 10238 | 10259 | 10220 | |
| 3. | Adjustment to Actual Heat Rate (1-2) | 30 | 14 | -83 | -37 | -72 | 3 | |
| 4. | Actual Heat Rate (Page 4 of Sched. 3) | 10043 | 10142 | 10227 | 10347 | 10253 | 10184 | |
| 5. | Adjusted Actual Heat Rate (4+3) | 10073 | 10156 | 10144 | 10310 | 10181 | 10187 | |
| 6. | Net MWH Generation | 108042 | 94720 | 94927 | 102703 | 81115 | 105725 | |
| 7. | Adjusted Actual Heat Rate for April 1997 - September 1997 $=(\Sigma(5*6)/\Sigma 6)$ | | | | | | | 10175 |

* From page 20, schedule 3 of Exhibit to G. D. Fontaine's January 13, 1997 GPIF testimony in Docket 970001-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 1997 - September 1997
Adjusted to Target Basis Using Heat Rate
Equations Filed January 13, 1997

Smith 2

| | | Apr | May | Jun | Jul | Aug | Sep | Apr - Sep |
|---|---|---|---|---|---|---|---|---|
| 1. | Target Heat Rate* | 10457 | 10382 | 10339 | 10437 | 10467 | 10344 | |
| 2. | Target Heat Rate at Actual Conditions** | 10435 | 10393 | 10415 | 10460 | 10508 | 10350 | |
| 3. | Adjustment to Actual Heat Rate (1-2) | 22 | -11 | -76 | -23 | -41 | -6 | |
| 4. | Actual Heat Rate (Page 5 of Sched. 3) | 10095 | 10162 | 10293 | 10244 | 10134 | 10019 | |
| 5. | Adjusted Actual Heat Rate (4+3) | 10117 | 10151 | 10217 | 10221 | 10093 | 10013 | |
| 6. | Net MWH Generation | 79143 | 110914 | 99596 | 118743 | 114960 | 93118 | |
| 7. | Adjusted Actual Heat Rate for April 1997 - September 1997 =($\Sigma$(5*6)/$\Sigma$6) | | | | | | | 10139 |

* From page 21, schedule 3 of Exhibit to G. D. Fontaine's January 13, 1997 GPIF testimony in Docket 970001-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 1997 - September 1997
Adjusted to Target Basis Using Heat Rate
Equations Filed January 13, 1997

Daniel 1

| | | Apr | May | Jun | Jul | Aug | Sep | Apr - Sep |
|---|---|---|---|---|---|---|---|---|
| 1. | Target Heat Rate* | 10272 | 10326 | 10244 | 10232 | 10216 | 10248 | |
| 2. | Target Heat Rate at Actual Conditions** | 10228 | 10336 | 10345 | 10384 | 10377 | 10416 | |
| 3. | Adjustment to Actual Heat Rate (1-2) | 44 | -10 | -101 | -152 | -161 | -168 | |
| 4. | Actual Heat Rate (Page 6 of Sched. 3) | 10547 | 10473 | 10603 | 10696 | 10682 | 10674 | |
| 5. | Adjusted Actual Heat Rate (4+3) | 10591 | 10463 | 10502 | 10544 | 10521 | 10506 | |
| 6. | Net MWH Generation | 278328 | 223625 | 278161 | 255524 | 255580 | 238566 | |
| 7. | Adjusted Actual Heat Rate for April 1997 - September 1997 =(Σ(5*6)/Σ6) | | | | | | | 10523 |

* From page 22, schedule 3 of Exhibit to G. D. Fontaine's January 13, 1997 GPIF testimony in Docket 970001-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 1997 - September 1997
Adjusted to Target Basis Using Heat Rate
Equations Filed January 13, 1997

Daniel 2

| | | Apr | May | Jun | Jul | Aug | Sep | Apr - Sep |
|---|---|---|---|---|---|---|---|---|
| 1. | Target Heat Rate* | 10058 | 10115 | 10027 | 10016 | 10129 | 10043 | |
| 2. | Target Heat Rate at Actual Conditions** | 9948 | 10007 | 10013 | 10031 | 10097 | 10013 | |
| 3. | Adjustment to Actual Heat Rate (1-2) | 110 | 108 | 14 | -15 | 32 | 30 | |
| 4. | Actual Heat Rate (Page 7 of Sched. 3) | 10271 | 10355 | 10323 | 10357 | 10395 | 10349 | |
| 5. | Adjusted Actual Heat Rate (4+3) | 10381 | 10463 | 10337 | 10342 | 10427 | 10379 | |
| 6. | Net MWH Generation | 258017 | 239166 | 300247 | 282192 | 323887 | 305023 | |
| 7. | Adjusted Actual Heat Rate for April 1997 - September 1997 =(Σ(5*6)/Σ6) | | | | | | | 10387 |

* From page 23, schedule 3 of Exhibit to G. D. Fontaine's January 13, 1997 GPIF testimony in Docket 970001-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 1997 - September 1997

| | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|
| **Crist 6** | | | | | | |
| AKW * $10^{+3}$ | 168.0 | 170.4 | 166.8 | 185.1 | 198.0 | 207.6 |
| LSRF * $10^{+6}$ | 31663.7 | 34768.1 | 33004.2 | 39716.8 | 45555.6 | 49949.8 |
| **Crist 7** | | | | | | |
| AKW * $10^{+3}$ | 354.6 | 0.0 | 315.7 | 366.2 | 376.8 | 396.3 |
| LSRF * $10^{+6}$ | 139699.7 | 0.0 | 120297.2 | 153242.6 | 161165.6 | 174147.9 |
| **Smith 1** | | | | | | |
| AKW * $10^{+3}$ | 150.3 | 136.9 | 131.8 | 143.1 | 138.8 | 146.8 |
| LSRF * $10^{+6}$ | 23034.1 | 19897.2 | 18814.2 | 21243.0 | 20285.2 | 22244.8 |
| **Smith 2** | | | | | | |
| AKW * $10^{+3}$ | 165.2 | 149.1 | 142.9 | 159.6 | 159.6 | 162.9 |
| LSRF * $10^{+6}$ | 28736.5 | 24617.7 | 22999.2 | 27197.1 | 27261.6 | 28214.1 |
| **Daniel 1** | | | | | | |
| AKW * $10^{+3}$ | 434.7 | 393.6 | 386.3 | 386.0 | 384.1 | 364.4 |
| LSRF * $10^{+6}$ | 191059.8 | 160973.3 | 156863.3 | 153062.6 | 152825.1 | 140739.0 |
| **Daniel 2** | | | | | | |
| AKW * $10^{+3}$ | 430.8 | 417.2 | 417.0 | 424.0 | 435.3 | 423.6 |
| LSRF * $10^{+6}$ | 193621.8 | 182828.2 | 182272.6 | 183960.9 | 194253.5 | 185256.5 |

**Target Heat Rate Equations**

Crist 6 ANOHR = 10^6 / AKW * [ 725.82 + 23.97 * JUL - 45.30 * OCT - 27.45 * NOV ]

+ 3,651 + 0.01474 * LSRF / AKW

Crist 7 ANOHR = 10^6 / AKW * [ 301.11 + 46.41 * JUL + 35.39 * AUG ]

+ 9,597

Smith 1 ANOHR = 10^6 / AKW * [ 96.13 + 27.71 * JAN + 20.59 * FEB + 15.87 * MAR + 21.16 * APR + 16.05 * NOV ]

+ 9,552

Smith 2 ANOHR = 10^6 / AKW * [ 221.33 + 14.81 * JAN + 20.38 * MAR + 16.00 * APR + 17.65 * JUL + 24.71 * AUG ]

+ 7,228 + 0.01018 * LSRF / AKW

Daniel 1 ANOHR = 10^6 / AKW * [ -63.11 ]

+ 12,153 - 0.00405 * LSRF / AKW

Daniel 2 ANOHR = 10^6 / AKW * [ -26.20 + 56.91 * AUG ]

+ 12,436 - 0.00540 * 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 April 1997 - September 1997

| (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 | 10833 | 10846 | 10508 | 0.00 |
| Crist 7 | 10499 | 10408 | 10184 | 0.67 |
| Smith 1 | 10244 | 10175 | 9937 | 0.00 |
| Smith 2 | 10406 | 10139 | 10094 | 8.10 |
| Daniel 1 | 10253 | 10523 | 9945 | -8.37 |
| Daniel 2 | 10062 | 10387 | 9760 | -10.00 |

* From page 5, Schedule 3 of Exhibit to G. D. Fontaine's January 13, 1997 GPIF testimony in Docket 970001-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 1997 - September 1997

| Unit | Availability Points | Availability* Weighting Factor | Heat Rate Points | Heat Rate* Weighting Factor |
|---|---|---|---|---|
| Crist 6 | 8.57 | 0.011 | 0.00 | 0.126 |
| Crist 7 | 3.64 | 0.023 | 0.67 | 0.237 |
| Smith 1 | -10.00 | 0.008 | 0.00 | 0.064 |
| Smith 2 | 10.00 | 0.008 | 8.10 | 0.059 |
| Daniel 1 | -10.00 | 0.028 | -8.37 | 0.200 |
| Daniel 2 | -10.00 | 0.026 | -10.00 | 0.210 |

Company GPIF Points = + 8.57 * 0.011 + 0.00 * 0.126
+ 3.64 * 0.023 + 0.67 * 0.237
- 10.00 * 0.008 + 0.00 * 0.064
+ 10.00 * 0.008 + 8.10 * 0.059
- 10.00 * 0.028 - 8.37 * 0.200
- 10.00 * 0.026 - 10.00 * 0.210
-3.50

Company reward/penalty = -3.50 points * $85927 per point

= ($300,745)

* From page 5, Schedule 3 of Exhibit to G. D. Fontaine's January 13, 1997 GPIF testimony in Docket 970001-EI.

V. GPIF MINIMUM FILING REQUIREMENTS FOR THE APRIL 1997 - SEPTEMBER 1997 PERIOD

| CONTENTS | SCHEDULE 5 PAGE |
|---|---|

Generating Performance Incentive Factor

Actual Reward/Penalty Table

Gulf Power Company

Period of: April 1997 - September 1997

| 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 | 3675 | 859 |
| + 9 | 3308 | 773 |
| + 8 | 2940 | 687 |
| + 7 | 2573 | 601 |
| + 6 | 2205 | 516 |
| + 5 | 1838 | 430 |
| + 4 | 1470 | 344 |
| + 3 | 1103 | 258 |
| + 2 | 735 | 172 |
| + 1 | 368 | 86 |
| 0 | 0 | 0 |
| - 1 | -384 | -86 |
| - 2 | -769 | -172 |
| - 3 | -1153 | -258 |
| - 4 | -1537 | -344 |
| - 5 | -1922 | -430 |
| - 6 | -2306 | -516 |
| - 7 | -2690 | -601 |
| - 8 | -3074 | -687 |
| - 9 | -3459 | -773 |
| - 10 | -3843 | -859 |
| | Minimum Attainable Fuel Loss | Maximum Incentive Dollars Allowed by Commission During Period (Penalty) |

Issued by: T. J. Bowden

Filed: November 20, 1997
Suspended:
Effective: November 20, 1997
Docket No.: 970001-EI
Order No.:

Generating Performance Incentive Factor

Calculation of Maximum Allowed Incentive Dollars

Actual

Gulf Power Company

Period of: April 1997 - September 1997

| | | |
|---|---|---|
| Line 1 | Beginning of Period Balance of Common Equity | $433,597,644 |
| | End of Month Balance of Common Equity: | |
| Line 2 | Month of Apr '97 | $419,606,102 |
| Line 3 | Month of May '97 | $424,459,920 |
| Line 4 | Month of Jun '97 | $430,082,821 |
| Line 5 | Month of Jul '97 | $425,437,608 |
| Line 6 | Month of Aug '97 | $436,279,938 |
| Line 7 | Month of Sep '97 | $443,866,860 |
| Line 8 | Average Common Equity for the Period (sum of line 1 through line 7 divided by 7) | $430,475,842 |
| 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) | $889,113 |
| Line 12 | Jurisdictional Sales (KWH) | 4,924,290,672 |
| Line 13 | Total Territorial Sales (KWH) | 5,101,033,144 |
| Line 14 | Jurisdictional Separation Factor (line 12 divided by line 13) | 96.5352% |
| Line 15 | Maximum Allowed Jurisdictional Incentive Dollars (line 11 multiplied by line 14) | $859,272 |

Issued by: T. J. Bowden

Filed: November 20, 1997
Suspended:
Effective: November 20, 1997
Docket No.: 970001-EI
Order No.:

Calculation of System Actual GPIF Points

Gulf Power Company

Period of: April 1997 - September 1997

| Plant & Unit | Performance Indicator (EAF or ANOHR) | Weighting Factor | Unit Points | Weighted Unit Points |
|---|---|---|---|---|
| Crist 6 | EAF1 | 1.1% | 8.57 | 0.094 |
| Crist 6 | ANOHR1 | 12.6% | 0.00 | 0.000 |
| Crist 7 | EAF2 | 2.3% | 3.64 | 0.084 |
| Crist 7 | ANOHR2 | 23.7% | 0.67 | 0.159 |
| Smith 1 | EAF3 | 0.8% | -10.00 | -0.080 |
| Smith 1 | ANOHR3 | 6.4% | 0.00 | 0.000 |
| Smith 2 | EAF4 | 0.8% | 10.00 | 0.080 |
| Smith 2 | ANOHR4 | 5.9% | 8.10 | 0.478 |
| Daniel 1 | EAF5 | 2.8% | -10.00 | -0.280 |
| Daniel 1 | ANOHR5 | 20.0% | -8.37 | -1.674 |
| Daniel 2 | EAF6 | 2.6% | -10.00 | -0.260 |
| Daniel 2 | ANOHR6 | 21.0% | -10.00 | -2.100 |
| Gulf Power GPIF Total | | 100.0% | | -3.50 |

Issued by: T. J. Bowden

Filed: November 20, 1997
Suspended:
Effective: November 20, 1997
Docket No.: 970001-EI
Order No.:

Generating Performance Incentive Points Table

Gulf Power Company

Period of: April 1997 - September 1997

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 | 42 | 86.50 | + 10 | 462 | 10,508 |
| + 9 | 38 | 86.29 | + 9 | 416 | 10,533 |
| + 8 | 34 | 86.08 | + 8 | 370 | 10,558 |
| + 7 | 29 | 85.87 | + 7 | 323 | 10,583 |
| + 6 | 25 | 85.66 | + 6 | 277 | 10,608 |
| + 5 | 21 | 85.45 | + 5 | 231 | 10,633 |
| + 4 | 17 | 85.24 | + 4 | 185 | 10,658 |
| + 3 | 13 | 85.03 | + 3 | 139 | 10,683 |
| + 2 | 8 | 84.82 | + 2 | 92 | 10,708 |
| + 1 | 4 | 84.61 | + 1 | 46 | 10,733 |
| | | | | 0 | 10,758 |
| 0 | 0 | 84.40 | 0 | 0 | 10,833 |
| | | | | 0 | 10,908 |
| - 1 | (6) | 84.09 | - 1 | (46) | 10,933 |
| - 2 | (12) | 83.78 | - 2 | (92) | 10,958 |
| - 3 | (18) | 83.47 | - 3 | (139) | 10,983 |
| - 4 | (24) | 83.16 | - 4 | (185) | 11,008 |
| - 5 | (30) | 82.85 | - 5 | (231) | 11,033 |
| - 6 | (35) | 82.54 | - 6 | (277) | 11,058 |
| - 7 | (41) | 82.23 | - 7 | (323) | 11,083 |
| - 8 | (47) | 81.92 | - 8 | (370) | 11,108 |
| - 9 | (53) | 81.61 | - 9 | (416) | 11,133 |
| - 10 | (59) | 81.30 | - 10 | (462) | 11,158 |
| Weighting Factor: | | 0.011 | Weighting Factor: | | 0.126 |

Issued by: T. J. Bowden

Filed: November 20, 1997
Suspended:
Effective: November 20, 1997
Docket No.: 970001-EI
Order No.:

## Generating Performance Incentive Points Table

### Gulf Power Company

### Period of: April 1997 - September 1997

### 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 | 84 | 82.30 | + 10 | 871 | 10,184 |
| + 9 | 76 | 82.97 | + 9 | 784 | 10,208 |
| + 8 | 67 | 82.64 | + 8 | 697 | 10,232 |
| + 7 | 59 | 82.31 | + 7 | 610 | 10,256 |
| + 6 | 50 | 81.98 | + 6 | 523 | 10,280 |
| + 5 | 42 | 81.65 | + 5 | 436 | 10,304 |
| + 4 | 34 | 81.32 | + 4 | 348 | 10,328 |
| + 3 | 25 | 80.99 | + 3 | 261 | 10,352 |
| + 2 | 17 | 80.66 | + 2 | 174 | 10,376 |
| + 1 | 8 | 80.33 | + 1 | 87 | 10,400 |
| | | | | 0 | 10,424 |
| 0 | 0 | 80.00 | 0 | 0 | 10,499 |
| | | | | 0 | 10,574 |
| - 1 | (13) | 79.48 | - 1 | (87) | 10,598 |
| - 2 | (26) | 78.96 | - 2 | (174) | 10,622 |
| - 3 | (39) | 78.44 | - 3 | (261) | 10,646 |
| - 4 | (52) | 77.92 | - 4 | (348) | 10,670 |
| - 5 | (65) | 77.40 | - 5 | (436) | 10,694 |
| - 6 | (78) | 76.88 | - 6 | (523) | 10,718 |
| - 7 | (91) | 76.36 | - 7 | (610) | 10,742 |
| - 8 | (104) | 75.84 | - 8 | (697) | 10,766 |
| - 9 | (117) | 75.32 | - 9 | (784) | 10,790 |
| - 10 | (130) | 74.80 | - 10 | (871) | 10,814 |
| Weighting Factor: | | 0.023 | Weighting Factor: | | 0.237 |

Issued by: T. J. Bowden

Filed: November 20, 1997
Suspended:
Effective: November 20, 1997
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## Generating Performance Incentive Points Table

### Gulf Power Company

### Period of: April 1997 - September 1997

### 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 | 28 | 97.30 | + 10 | 237 | 9,937 |
| + 9 | 25 | 97.19 | + 9 | 213 | 9,960 |
| + 8 | 22 | 97.08 | + 8 | 190 | 9,983 |
| + 7 | 20 | 96.97 | + 7 | 166 | 10,007 |
| + 6 | 17 | 96.86 | + 6 | 142 | 10,030 |
| + 5 | 14 | 96.75 | + 5 | 119 | 10,053 |
| + 4 | 11 | 96.64 | + 4 | 95 | 10,076 |
| + 3 | 8 | 96.53 | + 3 | 71 | 10,099 |
| + 2 | 6 | 96.42 | + 2 | 47 | 10,123 |
| + 1 | 3 | 96.31 | + 1 | 24 | 10,146 |
| | | | | 0 | 10,169 |
| 0 | 0 | 96.20 | 0 | 0 | 10,244 |
| | | | | 0 | 10,319 |
| - 1 | (6) | 96.03 | - 1 | (24) | 10,342 |
| - 2 | (11) | 95.86 | - 2 | (47) | 10,365 |
| - 3 | (17) | 95.69 | - 3 | (71) | 10,389 |
| - 4 | (22) | 95.52 | - 4 | (95) | 10,412 |
| - 5 | (28) | 95.35 | - 5 | (119) | 10,435 |
| - 6 | (34) | 95.18 | - 6 | (142) | 10,458 |
| - 7 | (39) | 95.01 | - 7 | (166) | 10,481 |
| - 8 | (45) | 94.84 | - 8 | (190) | 10,505 |
| - 9 | (50) | 94.67 | - 9 | (213) | 10,528 |
| - 10 | (56) | 94.50 | - 10 | (237) | 10,551 |
| Weighting Factor: | | 0.008 | Weighting Factor: | | 0.064 |

Generating Performance Incentive Points Table

Gulf Power Company

Period of: April 1997 - September 1997

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 | 29 | 84.70 | + 10 | 215 | 10,094 |
| + 9 | 26 | 84.49 | + 9 | 194 | 10,118 |
| + 8 | 23 | 84.28 | + 8 | 172 | 10,141 |
| + 7 | 20 | 84.07 | + 7 | 151 | 10,165 |
| + 6 | 17 | 83.86 | + 6 | 129 | 10,189 |
| + 5 | 15 | 83.65 | + 5 | 108 | 10,213 |
| + 4 | 12 | 83.44 | + 4 | 86 | 10,236 |
| + 3 | 9 | 83.23 | + 3 | 65 | 10,260 |
| + 2 | 6 | 83.02 | + 2 | 43 | 10,284 |
| + 1 | 3 | 82.81 | + 1 | 22 | 10,307 |
| | | | | 0 | 10,331 |
| 0 | 0 | 82.60 | 0 | 0 | 10,406 |
| | | | | 0 | 10,481 |
| - 1 | (5) | 82.28 | - 1 | (22) | 10,505 |
| - 2 | (10) | 81.96 | - 2 | (43) | 10,528 |
| - 3 | (15) | 81.64 | - 3 | (65) | 10,552 |
| - 4 | (20) | 81.32 | - 4 | (86) | 10,576 |
| - 5 | (25) | 81.00 | - 5 | (108) | 10,600 |
| - 6 | (29) | 80.68 | - 6 | (129) | 10,623 |
| - 7 | (34) | 80.36 | - 7 | (151) | 10,647 |
| - 8 | (39) | 80.04 | - 8 | (172) | 10,671 |
| - 9 | (44) | 79.72 | - 9 | (194) | 10,694 |
| - 10 | (49) | 79.40 | - 10 | (215) | 10,718 |
| Weighting Factor: | | 0.008 | Weighting Factor: | | 0.059 |

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## Generating Performance Incentive Points Table

Gulf Power Company

Period of: April 1997 - September 1997

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 | 104 | 90.00 | + 10 | 736 | 9,945 |
| + 9 | 94 | 89.78 | + 9 | 662 | 9,968 |
| + 8 | 83 | 89.56 | + 8 | 589 | 9,992 |
| + 7 | 73 | 89.34 | + 7 | 515 | 10,015 |
| + 6 | 62 | 89.12 | + 6 | 442 | 10,038 |
| + 5 | 52 | 88.90 | + 5 | 368 | 10,062 |
| + 4 | 42 | 88.68 | + 4 | 294 | 10,085 |
| + 3 | 31 | 88.46 | + 3 | 221 | 10,108 |
| + 2 | 21 | 88.24 | + 2 | 147 | 10,131 |
| + 1 | 10 | 88.02 | + 1 | 74 | 10,155 |
| | | | | 0 | 10,178 |
| 0 | 0 | 87.80 | 0 | 0 | 10,253 |
| | | | | 0 | 10,328 |
| - 1 | (16) | 87.48 | - 1 | (74) | 10,351 |
| - 2 | (33) | 87.16 | - 2 | (147) | 10,375 |
| - 3 | (49) | 86.84 | - 3 | (221) | 10,398 |
| - 4 | (66) | 86.52 | - 4 | (294) | 10,421 |
| - 5 | (82) | 86.20 | - 5 | (368) | 10,445 |
| - 6 | (98) | 85.88 | - 6 | (442) | 10,468 |
| - 7 | (115) | 85.56 | - 7 | (515) | 10,491 |
| - 8 | (131) | 85.24 | - 8 | (589) | 10,514 |
| - 9 | (148) | 84.92 | - 9 | (662) | 10,538 |
| - 10 | (164) | 84.60 | - 10 | (736) | 10,561 |
| Weighting Factor: | | 0.028 | Weighting Factor: | | 0.200 |

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## Generating Performance Incentive Points Table

Gulf Power Company

Period of: April 1997 - September 19v7

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 | 96 | 92.90 | + 10 | 771 | 9,760 |
| + 9 | 86 | 92.80 | + 9 | 694 | 9,783 |
| + 8 | 77 | 92.70 | + 8 | 617 | 9,805 |
| + 7 | 67 | 92.60 | + 7 | 540 | 9,828 |
| + 6 | 58 | 92.50 | + 6 | 463 | 9,851 |
| + 5 | 48 | 92.40 | + 5 | 386 | 9,874 |
| + 4 | 38 | 92.30 | + 4 | 308 | 9,896 |
| + 3 | 29 | 92.20 | + 3 | 231 | 9,919 |
| + 2 | 19 | 92.10 | + 2 | 154 | 9,942 |
| + 1 | 10 | 92.00 | + 1 | 77 | 9,964 |
| | | | | 0 | 9,987 |
| 0 | 0 | 91.90 | 0 | 0 | 10,062 |
| | | | | 0 | 10,137 |
| - 1 | (9) | 91.76 | - 1 | (77) | 10,160 |
| - 2 | (19) | 91.62 | - 2 | (154) | 10,182 |
| - 3 | (28) | 91.48 | - 3 | (231) | 10,205 |
| - 4 | (37) | 91.34 | - 4 | (308) | 10,228 |
| - 5 | (47) | 91.20 | - 5 | (386) | 10,251 |
| - 6 | (56) | 91.06 | - 6 | (463) | 10,273 |
| - 7 | (65) | 90.92 | - 7 | (540) | 10,296 |
| - 8 | (74) | 90.78 | - 8 | (617) | 10,319 |
| - 9 | (84) | 90.64 | - 9 | (694) | 10,341 |
| - 10 | (93) | 90.50 | - 10 | (771) | 10,364 |
| Weighting Factor: | | 0.026 | Weighting Factor: | | 0.210 |

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GPIF Unit Performance Summary

Gulf Power Company

Period of: April 1997 - September 1997

| 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 | 1.1 | 84.4 | 86.5 | 81.3 | 42 | -59 | 86.2 | $36 |
| Crist 7 | 2.3 | 80.0 | 83.3 | 74.8 | 84 | -130 | 81.2 | $31 |
| Smith 1 | 0.8 | 96.2 | 97.3 | 94.5 | 28 | -56 | 94.4 | ($56) |
| Smith 2 | 0.8 | 82.6 | 84.7 | 79.4 | 29 | -49 | 88.6 | $29 |
| Daniel 1 | 2.8 | 87.8 | 90.0 | 84.6 | 104 | -164 | 84.5 | ($164) |
| Daniel 2 | 2.6 | 91.9 | 92.9 | 90.5 | 96 | -93 | 89.3 | ($93) |
| Total: | 10.4 | | | | | | | |

| 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 | 12.6 | 10,833 | 55.5 | 11,158 | 10,508 | $462 | ($462) | 10,846 | $0 |
| Crist 7 | 23.7 | 10,499 | 69.7 | 10,814 | 10,184 | $871 | ($871) | 10,408 | $58 |
| Smith 1 | 6.4 | 10,244 | 91.0 | 10,551 | 9,937 | $237 | ($237) | 10,175 | $0 |
| Smith 2 | 5.9 | 10,406 | 84.7 | 10,718 | 10,094 | $215 | ($215) | 10,139 | $174 |
| Daniel 1 | 20.0 | 10,253 | 90.4 | 10,561 | 9,945 | $736 | ($736) | 10,523 | ($616) |
| Daniel 2 | 21.0 | 10,062 | 90.7 | 10,364 | 9,760 | $771 | ($771) | 10,387 | ($771) |
| Total: | 89.6 | | | | | | | | |

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Actual Unit Performance Data

Gulf Power Company

Period of: April 1997 - September 1997

| Plant & Unit | Actual EAF % | Adjustments* to EAF % | Adjusted Actual % |
|---|---|---|---|
| Crist 6 | 94.5 | -8.3 | 86.2 |
| Crist 7 | 69.4 | 11.8 | 81.2 |
| Smith 1 | 94.4 | 0.0 | 94.4 |
| Smith 2 | 90.1 | -1.5 | 88.6 |
| Daniel 1 | 85.3 | -0.8 | 84.5 |
| Daniel 2 | 89.5 | -0.2 | 89.3 |

| Plant & Unit | Actual ANOHR BTU/KWH | Adjustments** to ANOHR BTU/KWH | ANOHR Adjusted Actual BTU/KWH |
|---|---|---|---|
| Crist 6 | 10,775 | 71 | 10,846 |
| Crist 7 | 10,397 | 11 | 10,408 |
| Smith 1 | 10,196 | -21 | 10,175 |
| Smith 2 | 10,163 | -24 | 10,139 |
| Daniel 1 | 10,614 | -91 | 10,523 |
| Daniel 2 | 10,343 | 44 | 10,387 |

* Refer to pages 3 through 8, Schedule 2.

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

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1997 - September 1997

| | CRIST 6 | Apr '97 | May '97 | Jun '97 | Jul '97 | Aug '97 | Sep '97 | Total |
|---|---|---|---|---|---|---|---|---|
| 1. | EAF (%) | 100.0 | 97.2 | 99.9 | 83.7 | 95.4 | 91.2 | 94.5 |
| 2. | PH | 719.0 | 744.0 | 720.0 | 744.0 | 744.0 | 720.0 | 4391.0 |
| 3. | SH | 719.0 | 646.0 | 720.0 | 744.0 | 744.0 | 658.1 | 4231.1 |
| 4. | RSH | 0.0 | 82.6 | 0.0 | 0.0 | 0.0 | 0.0 | 82.6 |
| 5. | UH | 0.0 | 15.4 | 0.0 | 0.0 | 0.0 | 61.9 | 77.3 |
| 6. | POH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7. | FOH | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 61.9 | 62.9 |
| 8. | MOH | 0.0 | 14.4 | 0.0 | 0.0 | 0.0 | 0.0 | 14.4 |
| 9. | PFOH | 0.0 | 11.6 | 1.2 | 529.3 | 191.9 | 7.1 | 741.1 |
| 10. | LR pf (MW) | 0.0 | 149.5 | 196.9 | 72.6 | 57.0 | 80.5 | 70.0 |
| 11. | PMOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12. | LR pm (MW) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 13. | NSC (MW) | 317.0 | 317.0 | 317.0 | 317.0 | 317.0 | 317.0 | 317.0 |
| 14. | Oper MBtu | 1285374 | 1177481 | 1323685 | 1522753 | 1575601 | 1439500 | 8324394 |
| 15. | Net Gen (MWH) | 120758 | 110073 | 120096 | 137678 | 147545 | 136612 | 772562 |
| 16. | ANOHR (Btu/KWH) | 10644 | 10697 | 11022 | 11060 | 10693 | 10537 | 10775 |
| 17. | NOF % | 53.0 | 53.8 | 52.6 | 58.4 | 62.5 | 65.5 | 57.6 |
| 18. | NPC (MW) | 317.0 | 317.0 | 317.0 | 317.0 | 317.0 | 317.0 | 317.0 |

| | | |
|---|---|---|
| 19. | ANOHR Equation | $10^{6} / ANOW * [725.82 + 23.97 * JUL - 45.30 * OCT - 27.45 * NOV] + 3,681 + 0.01474 * LSRF / ANOW$ |

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1997 - September 1997

| | CRIST 7 | Apr '97 | May '97 | Jun '97 | Jul '97 | Aug '97 | Sep '97 | Total |
|---|---|---|---|---|---|---|---|---|
| 1. | EAF (%) | 73.9 | 0.0 | 62.5 | 97.8 | 87.4 | 95.6 | 69.4 |
| 2. | PH | 719.0 | 744.0 | 720.0 | 744.0 | 744.0 | 720.0 | 4391.0 |
| 3. | SH | 536.6 | 0.0 | 450.6 | 736.0 | 654.3 | 696.3 | 3073.8 |
| 4. | RSH | 0.0 | 0.0 | 14.8 | 0.0 | 0.0 | 0.0 | 14.8 |
| 5. | UH | 182.4 | 744.0 | 254.6 | 8.0 | 89.7 | 23.7 | 1302.4 |
| 6 | POH | 120.0 | 744.0 | 101.9 | 0.0 | 0.0 | 0.0 | 965.9 |
| 7. | FOH | 62.4 | 0.0 | 152.7 | 8.0 | 89.7 | 23.7 | 336.5 |
| 8. | MOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9. | PFOH | 34.8 | 0.0 | 49.7 | 30.0 | 23.4 | 31.9 | 169.8 |
| 10. | LR pf (MW) | 74.5 | 0.0 | 157.2 | 142.7 | 81.4 | 129.2 | 122.0 |
| 11. | PMOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12. | LR pm (MW) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 13. | NSC (MW) | 504.0 | 504.0 | 504.0 | 504.0 | 504.0 | 504.0 | 504.0 |
| 14. | Oper Mbtu | 1971302 | 2080 | 1518391 | 2857315 | 2528872 | 2814308 | 11692268 |
| 15. | Net Gen (MWH) | 190256 | 0 | 142240 | 269532 | 246556 | 275946 | 1124530 |
| 16. | ANOHR (Btu/KWH) | 10361 | 0 | 10675 | 10601 | 10257 | 10199 | 10397 |
| 17. | NOF % | 70.3 | 0.0 | 62.6 | 72.7 | 74.8 | 78.6 | 72.6 |
| 18. | NPC (MW) | 504.0 | 504.0 | 504.0 | 504.0 | 504.0 | 504.0 | 504.0 |
| 19. | ANOHR Equation | 10^6 / AKW * [ 301.11 + 46.41 * JUL + 35.39 * AUG ] + 9,597 | | | | | | |

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1997 - September 1997

| | SMITH 1 | Apr '97 | May '97 | Jun '97 | Jul '97 | Aug '97 | Sep '97 | Total |
|---|---|---|---|---|---|---|---|---|
| 1. | EAF (%) | 100.0 | 92.6 | 100.0 | 96.2 | 78.3 | 100.0 | 94.4 |
| 2. | PH | 719.0 | 744.0 | 720.0 | 744.0 | 744.0 | 720.0 | 4391.0 |
| 3. | SH | 719.0 | 692.0 | 720.0 | 717.7 | 584.2 | 720.0 | 4152.9 |
| 4. | RSH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5. | UH | 0.0 | 52.0 | 0.0 | 26.3 | 159.8 | 0.0 | 238.1 |
| 6. | POH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7. | FOH | 0.0 | 0.0 | 0.0 | 26.3 | 159.8 | 0.0 | 186.1 |
| 8. | MOH | 0.0 | 52.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.0 |
| 9. | PFOH | 0.0 | 5.0 | 1.3 | 6.2 | 0.0 | 0.5 | 13.0 |
| 10. | LR pf (MW) | 0.0 | 36.0 | 24.8 | 54.6 | 0.0 | 86.0 | 45.7 |
| 11. | PMOH | 0.0 | 4.8 | 0.0 | 0.0 | 3.3 | 0.0 | 8.1 |
| 12. | LR pm (MW) | 0.0 | 71.0 | 0.0 | 0.0 | 96.0 | 0.0 | 81.2 |
| 13. | NSC (MW) | 161.0 | 161.0 | 161.0 | 161.0 | 161.0 | 161.0 | 161.0 |
| 14. | Oper MBtu | 1085101 | 960668 | 970857 | 1062647 | 831667 | 1076711 | 5987651 |
| 15. | Net Gen (MWH) | 108042 | 94720 | 94927 | 102703 | 81115 | 105725 | 587232 |
| 16. | ANOHR (Btu/KWH) | 10043 | 10142 | 10227 | 10347 | 10253 | 10184 | 10196 |
| 17. | NOF % | 93.3 | 85.0 | 81.9 | 88.9 | 86.2 | 91.2 | 87.8 |
| 18. | NPC (MW) | 161.0 | 161.0 | 161.0 | 161.0 | 161.0 | 161.0 | 161.0 |

| | | |
|---|---|---|
| 19 | ANOHR Equation | $10^6$ / AKW * [98.13 + 27.71 * JAN + 20.59 * FEB + 15.87 * MAR + 21.16 * APR + 16.05 * NOV] + 9,552 |

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1997 - September 1997

| | SMITH 2 | Apr '97 | May '97 | Jun '97 | Jul '97 | Aug '97 | Sep '97 | Total |
|---|---|---|---|---|---|---|---|---|
| 1. | EAF (%) | 66.6 | 100.0 | 96.8 | 100.0 | 96.8 | 79.4 | 90.1 |
| 2. | PH | 719.0 | 744.0 | 720.0 | 744.0 | 744.0 | 720.0 | 4391.0 |
| 3. | SH | 479.0 | 744.0 | 696.9 | 744.0 | 720.3 | 571.7 | 3955.9 |
| 4. | RSH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5. | UH | 240.0 | 0.0 | 23.1 | 0.0 | 23.7 | 148.3 | 435.1 |
| 6. | POH | 240.0 | 0.0 | 0.0 | 0.0 | 0.0 | 148.3 | 388.3 |
| 7. | FOH | 0.0 | 0.0 | 23.1 | 0.0 | 23.7 | 0.0 | 46.8 |
| 8. | MOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9. | PFOH | 0.2 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.5 |
| 10. | LR pf (MW) | 31.0 | 0.0 | 0.0 | 0.0 | 51.0 | 0.0 | 43.0 |
| 11. | PMOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12. | LR pm (MW) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 13. | NSC (MW) | 191.0 | 191.0 | 191.0 | 191.0 | 191.0 | 191.0 | 191.0 |
| 14. | Oper MBtu | 798929 | 1127098 | 1025166 | 1216373 | 1164962 | 932946 | 6265474 |
| 15. | Net Gen (MWH) | 79143 | 110914 | 99596 | 118743 | 114960 | 93118 | 616474 |
| 16. | ANOHR (Btu/KWH) | 10095 | 10162 | 10293 | 10244 | 10134 | 10019 | 10163 |
| 17. | NOF % | 86.5 | 78.1 | 74.8 | 83.6 | 83.6 | 85.3 | 81.6 |
| 18. | NPC (MW) | 191.0 | 191.0 | 191.0 | 191.0 | 191.0 | 191.0 | 191.0 |
| 19. | ANOHR Equation | 10^6 / AKW * [ 221.33 + 14.81 * JAN + 20.38 * MAR + 16.00 * APR + 17.65 * JUL + 24.71 * AUG ] + 7,228 + 0.01018 * LSRF / AKW | | | | | | |

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GULF POWER COMPANY

PERIOD OF: April 1997 - September 1997

| | DANIEL 1 | Apr '97 | May '97 | Jun '97 | Jul '97 | Aug '97 | Sep '97 | Total |
|---|---|---|---|---|---|---|---|---|
| 1. | EAF (%) | 86.7 | 70.9 | 98.2 | 80.5 | 88.7 | 87.1 | 85.3 |
| 2. | PH | 719.0 | 744.0 | 720.0 | 744.0 | 744.0 | 720.0 | 4391.0 |
| 3. | SH | 640.3 | 568.2 | 720.0 | 662.0 | 665.4 | 654.7 | 3910.6 |
| 4. | RSH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5. | UH | 78.7 | 175.8 | 0.0 | 82.0 | 78.6 | 65.3 | 480.4 |
| 6. | POH | 0.0 | 175.8 | 0.0 | 0.0 | 0.0 | 0.0 | 175.8 |
| 7. | FOH | 0.0 | 0.0 | 0.0 | 82.0 | 78.6 | 65.3 | 225.9 |
| 8. | MOH | 78.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 78.7 |
| 9. | PFOH | 263.0 | 394.1 | 199.3 | 534.4 | 36.6 | 535.8 | 1963.2 |
| 10. | LR pf (MW) | 30.8 | 48.0 | 28.6 | 52.9 | 70.0 | 23.2 | 38.7 |
| 11. | PMOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12. | LR pm (MW) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 13. | NSC (MW) | 469.0 | 469.0 | 450.0 | 450.0 | 450.0 | 450.0 | 456.3 |
| 14. | Oper MBtu | 2935642 | 2342115 | 2949468 | 2733058 | 2730115 | 2546503 | 16236901 |
| 15. | Net Gen (MWH) | 278328 | 223625 | 278161 | 255524 | 255580 | 238566 | 1529784 |
| 16. | ANOHR (Btu/KWH) | 10547 | 10473 | 10603 | 10696 | 10682 | 10674 | 10614 |
| 17. | NOF % | 92.7 | 83.9 | 85.9 | 85.8 | 85.4 | 81.0 | 85.7 |
| 18. | NPC (MW) | 469.0 | 469.0 | 450.0 | 450.0 | 450.0 | 450.0 | 456.3 |

| | | |
|---|---|---|
| 19. | ANOHR Equation | 10^6 / AKW * [-63.11]<br>+ 12,153 - 0.00405 * LSRF / AKW |

Issued by: T. J. Bowden

Filed: November 20, 1997
Suspended:
Effective: November 20, 1997
Docket No.: 970001-EI
Order No.:

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1997 - September 1997

| | DANIEL 2 | Apr '97 | May '97 | Jun '97 | Jul '97 | Aug '97 | Sep '97 | Total |
|---|---|---|---|---|---|---|---|---|
| 1. | EAF (%) | 78.9 | 75.1 | 98.8 | 87.3 | 99.4 | 97.5 | 89.5 |
| 2. | PH | 719.0 | 744.0 | 720.0 | 744.0 | 744.0 | 720.0 | 4391.0 |
| 3. | SH | 598.9 | 573.3 | 720.0 | 665.6 | 744.0 | 720.0 | 4021.8 |
| 4. | RSH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5. | UH | 120.1 | 170.7 | 0.0 | 78.4 | 0.0 | 0.0 | 369.2 |
| 6. | POH | 120.1 | 90.7 | 0.0 | 0.0 | 0.0 | 0.0 | 210.8 |
| 7. | FOH | 0.0 | 11.4 | 0.0 | 78.4 | 0.0 | 0.0 | 89.8 |
| 8. | MOH | 0.0 | 68.6 | 0.0 | 0.0 | 0.0 | 0.0 | 68.6 |
| 9. | PFOH | 126.8 | 173.1 | 164.1 | 218.4 | 206.3 | 609.4 | 1498.1 |
| 10. | LR pf (MW) | 118.2 | 40.4 | 25.8 | 35.5 | 10.8 | 14.0 | 29.9 |
| 11. | PMOH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12. | LR pm (MW) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 13. | MSC (MW) | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 |
| 14. | Oper MBtu | 2650107 | 2476504 | 3099542 | 2922525 | 3366742 | 3156607 | 17672027 |
| 15. | Net Gen (MWH) | 258017 | 239166 | 300247 | 282192 | 323887 | 305023 | 1708532 |
| 16. | ANOHR (Btu/KWH) | 10271 | 10355 | 10323 | 10357 | 10395 | 10349 | 10343 |
| 17. | NOF % | 90.3 | 87.5 | 87.4 | 88.9 | 91.3 | 88.8 | 89.1 |
| 18. | NPC (MW) | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 | 477.0 |
| 19. | ANOHR Equation | 10^6 / AKW * [ -26.20 + 56.91 * AUG ] + 12,436 - 0.00540 * LSRF / AKW | | | | | | |

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Planned Outage Schedules (Actual)

Period of: April 1997 - September 1997

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. 970001-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 of 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 17th day of November, 1997.

Rolanda R. Cothran
Notary Public, State of Florida at Large