500 Bayfront Parkway
Pensacola, FL 32520

Tel 904.444.6000

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GULF POWER
A SOUTHERN COMPANY

May 16, 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. - 05048-97
2. Prepared direct testimony and exhibit of M. F. Oaks. - 05049-97
3. Prepared direct testimony and exhibit of G. D. Fontaine. - 05050-97
4. Prepared direct testimony of M. W. Howell. - 05051-97

ACK ____
AFA 2
APP ____
CAF ____
CMU ____
CTR ____
EAG Bass
LEG 1
LIN 3+0+8
OPC ____
RCH ____
SEC 1
WAS ____
OTH ____

Sincerely,

Susan D. Cranmer

lw

Enclosures

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FPSC-BUREAU OF RECORDS

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

GENERATING PERFORMANCE INCENTIVE FACTOR

RESULTS FOR

OCTOBER 1996 - MARCH 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 May 20, 1997

Q. Please state your name, address and occupation.

A. My name is George D. Fontaine, my business address is Post Office Box 1151, Pensacola, Florida 32520, 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 October 1, 1996, through March 31, 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-96-1172-FOF-EI is on page 9 of Schedule 2. The results are: Crist 6, -10.00 points; Crist 7, +3.75 points; Smith 1, +7.78 points; Smith 2, +10.00 points; Daniel 1, +10.00 points, and Daniel 2, +7.37 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 June 1996, 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: +3.54 for Crist 6, +5.00 for Crist 7, +5.71 for Smith 1, +9.58 for Smith 2, -8.90 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 adjusted weighting factors, the Company points would be +0.13 as indicated on page 2 of Schedule 4. This calculates to a reward in the amount of $11,349.

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 reward in the amount of $11,349 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 OCTOBER 1996 - MARCH 1997 PERIOD

Additions and Corrections to Outages Previously Reported
for the October 1996 - March 1997 Period

Date	Unit	Change	Outage Type	Hours	MWH	Description
3/97	Smith 1	Hours	PO	387.7	161	Incorrectly Reported
3/97	Smith 1	Hours	RS	38.0	161	Incorrectly Reported
11/96	Daniel 1	Hours	PFO	169.0	48	Incorrectly Reported

II. CALCULATIONS OF EQUIVALENT AVAILABILITY POINTS

Comparison of Forecast and Actual Planned Outages
for October 1996 - March 1997

Unit	Note	Forecast Planned Outage Schedule	Forecast Hours*	Actual Planned Outage Schedule	Actual Hours*
Crist 6	1	11/30/96 - 12/08/96	216.0	11/29/96 - 12/09/96	238.8
Crist 7	2	11/16/96 - 11/24/96	216.0	11/29/96 - 12/16/96	431.7
Smith 1	3	11/02/96 - 11/10/96	216.0	11/01/96 - 11/09/96	179.1
Smith 1	4	None	0.0	03/15/97 - 03/31/97	387.7
Smith 2	5	11/16/96 - 11/24/96	216.0	11/15/96 - 11/23/96	202.0
Smith 2	6	None	0.0	03/25/97 - 04/11/97	144.3
Daniel 1	7	10/05/96 - 10/12/96	192.0	09/27/96 - 10/07/96	148.8
Daniel 1	8	02/22/97 - 04/06/97	912.0	01/10/97 - 02/04/97	592.3
Daniel 2	9	10/05/96 - 10/12/96	192.0	None	0.0
Daniel 2	10	03/15/97 - 04/06/97	408.0	01/18/97 - 02/12/97	592.0

* Planned outage hours in the October 1996 - March 1997 period only.

Notes:

1. This outage proceeded as scheduled.
2. This outage was moved to allow a common outage with Crist Unit 6 and was extended to replace deteriorated ductwork.
3. This outage proceeded as scheduled.
4. This outage was brought forward to allow a common outage with Smith Unit 2 and proceeded as scheduled.
5. This outage proceeded as scheduled.
6. This outage was brought forward to allow a common outage with Smith Unit 1 and proceeded as scheduled.
7. This outage was moved forward due to slagging problems and proceeded as scheduled.
8. This outage was brought forward due to slagging problems and was shortened because pulverizer work was performed while the unit was on-line.
9. This outage was canceled due to better than expected equipment conditions.
10. This outage was brought forward to allow a common outage with Daniel Unit 1 and proceeded as scheduled.

Calculation of Actual Equivalent Availability
for October 1996 - March 1997
Based on Target Planned Outage Hours
Crist 6

Results of Operations

	Oct	Nov	Dec	Jan	Feb	Mar	Total
FOH	0.0	0.0	19.0	0.0	0.0	0.0	19.0
EFOH	12.6	0.0	0.0	1.1	0.0	0.0	13.7
MOH	0.0	0.0	0.0	0.0	261.8	0.0	261.8
EMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
POH	0.0	43.0	195.8	0.0	0.0	0.0	238.8
RSH	0.0	92.9	0.0	0.0	282.6	557.6	933.1

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(19.0 + 13.7 + 261.8 + 0.0)}{(4369.0 - 238.8 - 933.1)}$$

EUOR = 0.0921

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

Target POH* = 216.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(216.0 + 0.0921\ (4369.0 - 216.0 - 0.0))}{4369.0} \right] \times 100 = 86.3\ \%$$

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

Calculation of Actual Equivalent Availability
for October 1996 - March 1997
Based on Target Planned Outage Hours
Crist 7

Results of Operations

	Oct	Nov	Dec	Jan	Feb	Mar	Total
FOH	2.4	18.9	0.0	116.4	39.2	120.3	297.2
EFOH	32.9	42.4	23.4	14.5	0.6	0.4	114.2
MOH	0.0	0.0	8.2	0.0	0.0	20.1	28.3
EMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
POH	0.0	48.0	383.7	0.0	0.0	0.0	431.7
RSH	0.0	132.0	77.9	106.1	0.0	57.5	373.5

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(297.2 + 114.2 + 28.3 + 0.0)}{(4369.0 - 431.7 - 373.5)}$$

EUOR = 0.1234

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

Target POH* = 216.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(216.0 + 0.1234\ (4369.0 - 216.0 - 0.0))}{4369.0} \right] \times 100 = 83.3\ \%$$

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

Calculation of Actual Equivalent Availability
for October 1996 - March 1997
Based on Target Planned Outage Hours
Smith 1

Results of Operations

	Oct	Nov	Dec	Jan	Feb	Mar	Total
FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EFOH	0.4	3.4	7.8	5.7	4.1	0.2	21.6
MOH	0.0	0.0	25.2	34.5	0.0	0.0	59.7
EMOH	0.6	0.0	0.0	0.0	4.0	0.0	4.6
PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
POH	0.0	179.1	0.0	0.0	0.0	387.7	566.8
RSH	0.0	0.0	0.0	84.6	0.0	38.0	122.6

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(0.0 + 21.6 + 59.7 + 4.6)}{(4369.0 - 566.8 - 122.6)}$$

EUOR = 0.0233

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

Target POH* = 216.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(216.0 + 0.0233\ (4369.0 - 216.0 - 0.0))}{4369.0} \right] \times 100 = 92.8\ \%$$

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

Calculation of Actual Equivalent Availability
for October 1996 - March 1997
Based on Target Planned Outage Hours
Smith 2

Results of Operations

	Oct	Nov	Dec	Jan	Feb	Mar	Total
FOH	30.0	0.0	28.6	0.0	0.0	0.0	58.6
EFOH	5.2	0.0	0.5	11.3	0.2	0.0	17.2
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	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
POH	0.0	202.0	0.0	0.0	0.0	144.3	346.3
RSH	0.0	0.0	44.2	0.0	108.3	0.0	152.5

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(58.6 + 17.2 + 0.0 + 0.0)}{(4369.0 - 346.3 - 152.5)}$$

EUOR = 0.0196

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

Target POH* = 216.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(216.0 + 0.0196\ (4369.0 - 216.0 - 0.0))}{4369.0} \right] \times 100 = 93.2\ \%$$

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

Calculation of Actual Equivalent Availability
for October 1996 - March 1997
Based on Target Planned Outage Hours
Daniel 1

Results of Operations

	Oct	Nov	Dec	Jan	Feb	Mar	Total
FOH	0.0	0.0	0.0	0.0	0.0	37.6	37.6
EFOH	37.4	18.9	1.1	21.6	54.6	5.7	139.3
MOH	69.6	115.1	0.0	0.0	102.2	0.0	286.9
EMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
POH	148.8	0.0	0.0	505.5	86.8	0.0	741.1
RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(37.6 + 139.3 + 286.9 + 0.0)}{(4369.0 - 741.1 - 0.0)}$$

EUOR = 0.1278

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

Target POH* = 1104.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(1104.0 + 0.1278\ (4369.0 - 1104.0 - 0.0))}{4369.0} \right] \times 100 = 65.2\ \%$$

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

Calculation of Actual Equivalent Availability
for October 1996 - March 1997
Based on Target Planned Outage Hours
Daniel 2

Results of Operations

	Oct	Nov	Dec	Jan	Feb	Mar	Total
FOH	0.0	23.9	0.0	0.0	0.0	0.0	23.9
EFOH	0.9	13.7	1.2	12.2	27.5	3.2	58.7
MOH	0.0	132.3	0.0	0.0	2.1	0.0	134.4
EMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
POH	0.0	0.0	0.0	312.2	348.5	0.0	660.7
RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(23.9 + 58.7 + 134.4 + 0.0)}{(4369.0 - 660.7 - 0.0)}$$

EUOR = 0.0585

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

Target POH* = 600.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(600.0 + 0.0585\ (4369.0 - 600.0 - 0.0))}{4369.0} \right] \times 100 = 81.2\ \%$$

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

Calculation of Equivalent Availability Points
for October 1996 - March 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	90.0	86.3	87.8	-10.00
Crist 7	81.8	83.3	85.8	3.75
Smith 1	92.1	92.8	93.0	7.78
Smith 2	91.8	93.2	92.7	10.00
Daniel 1	60.8	65.2	65.0	10.00
Daniel 2	79.8	81.2	81.7	7.37

* As appropriate from page 5, Schedule 3 of Exhibit to G. D. Fontaine's June 24, 1996 GPIF testimony in Docket 960001-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 1996 - March 1997

Crist 6

	Oct	Nov	Dec	Jan	Feb	Mar	Total
Pounds Coal (000's)	100544.2	81501.8	69516.8	104566.1	15640.5	25928.6	397698.0
BTU/Lb*	11774.0	11961.5	11906.1	11781.8	11717.5	11670.5	11823.3
Coal, MMBTU	1183807.4	974883.8	827674.0	1229885.6	183267.6	302599.7	4702118.1
Oil, MMBTU	1810.4	518.5	638.5	606.7	298.3	756.1	4628.5
Gas, MMBTU	0.0	0.0	5934.0	0.0	2360.0	5772.0	14066.0
Startup, MMBTU **	0.0	0.0	-4040.0	0.0	-4040.0	-12120.0	-20200.0
Total Fuel Consumption, MMBTU	1185617.8	975402.3	830206.5	1230492.3	181885.9	297007.8	4700612.6
Net MWH Generation***	110711	90438	75877	114276	16667	27720	435689
Average Net Operating Heat Rate	10709	10785	10941	10768	10913	10715	10789

* 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 1996 - March 1997

Crist 7

	Oct	Nov	Dec	Jan	Feb	Mar	Total
Pounds Coal (000's)	179639.1	127221.8	64308.6	150523.8	168858.7	125046.6	815598.6
BTU/Lb*	11771.0	11957.2	11755.4	11761.8	11729.4	11650.9	11770.1
Coal, MMBTU	2114531.8	1521216.5	755973.3	1770430.8	1980611.2	1456905.4	9599669.0
Oil, MMBTU	1692.7	504.6	748.8	605.6	1222.3	1539.7	6313.7
Gas, MMBTU	277.0	859.0	5021.0	8607.0	2600.0	7835.0	25199.0
Startup, MMBTU **	0.0	0.0	-2256.0	-6768.0	-2256.0	-9024.0	-20304.0
Total Fuel Consumption, MMBTU	2116501.5	1522580.1	759487.1	1772875.4	1982177.5	1457256.1	9610877.7
Net MWH Generation***	202542	144695	72411	171317	190614	138211	919790
Average Net Operating Heat Rate	10450	10523	10489	10349	10399	10544	10449

* 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 1996 - March 1997

Smith 1

	Oct	Nov	Dec	Jan	Feb	Mar	Total
Pounds Coal (000's)	91882.2	66333.4	75635.7	72111.8	69307.9	25647.0	400918.0
BTU/Lb*	11778.5	11959.5	11840.2	11908.2	12183.8	11916.9	11922.3
Coal, MMBTU	1082234.5	793314.3	895541.8	858721.7	844433.6	305632.7	4779878.6
Oil, MMBTU	306.3	2195.7	422.5	1854.0	450.3	1478.9	6707.7
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	0.0	-964.0	-2892.0
Total Fuel Consumption, MMBTU	1082540.8	794546.0	895964.3	859611.7	844883.9	306147.6	4783694.3
Net MWH Generation***	106935	79299	88030	83618	81895	28954	468731
Average Net Operating Heat Rate	10123	10020	10178	10280	10317	10574	10206

* 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 1996 - March 1997

Smith 2

	Oct	Nov	Dec	Jan	Feb	Mar	Total
Pounds Coal (000's)	98641.6	73088.4	76362.5	88234.5	60883.5	48514.6	445725.1
BTU/Lb*	11697.1	11982.3	11814.1	11863.1	12150.9	11819.9	11872.1
Coal, MMBTU	1153820.7	875767.1	902154.2	1046734.7	739789.3	573437.7	5291703.7
Oil, MMBTU	1336.7	1633.7	2544.2	868.3	1468.6	435.6	8287.1
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	-1190.0	-1190.0	-2380.0	0.0	-1190.0	0.0	-5950.0
Total Fuel Consumption, MMBTU	1153967.4	876210.8	902318.4	1047603.0	740067.9	573873.3	5294040.8
Net MWH Generation***	113001	86524	89391	102531	72250	55687	519384
Average Net Operating Heat Rate	10212	10127	10094	10217	10243	10305	10193

* 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 1996 - March 1997

Daniel 1

	Oct	Nov	Dec	Jan	Feb	Mar	Total
Pounds Coal (000's)	233062.7	274370.6	356193.3	105785.0	200763.5	316004.8	1486179.9
BTU/Lb*	9340.3	9357.0	9358.1	9357.0	9264.7	9242.2	9317.8
Coal, MMBTU	2176875.5	2567285.7	3333292.5	989830.2	1860013.6	2920579.6	13847877.1
Oil, MMBTU	8149.8	2948.8	43.8	217.4	12833.0	2378.9	26571.7
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	-4777.4	-2388.7	0.0	0.0	-7166.1	-2388.7	-16720.9
Total Fuel Consumption, MMBTU	2180247.9	2567845.8	3333336.3	990047.6	1865680.5	2920569.8	13857727.9
Net MWH Generation***	203514	244224	316553	91380	174781	279754	1310206
Average Net Operating Heat Rate	10713	10514	10530	10834	10674	10440	10577

* 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 1996 - March 1997

Daniel 2

	Oct	Nov	Dec	Jan	Feb	Mar	Total
Pounds Coal (000's)	346002.9	248754.4	344320.3	205886.1	129683.9	344518.6	1619166.2
BTU/Lb*	9269.6	9343.3	9359.7	9327.0	9214.4	9246.2	9298.0
Coal, MMBTU	3207308.5	2324187.0	3222734.7	1920299.7	1194959.3	3185487.9	15054977.1
Oil, MMBTU	5.8	5630.8	44.0	116.1	23295.9	3.8	29096.4
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	0.0	-2388.7	0.0	0.0	-4777.4	0.0	-7166.1
Total Fuel Consumption, MMBTU	3207314.3	2327429.1	3222778.7	1920415.8	1213477.8	3185491.7	15076907.4
Net MWH Generation***	309903	223731	312204	189259	114535	313440	1463072
Average Net Operating Heat Rate	10349	10403	10323	10147	10595	10163	10305

* 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 1996 - March 1997
Adjusted to Target Basis Using Heat Rate
Equations Filed June 24, 1996

Crist 6

		Oct	Nov	Dec	Jan	Feb	Mar	Oct - Mar
1.	Target Heat Rate*	10514	10691	10795	10916	10781	10658	
2.	Target Heat Rate at Actual Conditions**	10976	10899	11045	10914	11239	10974	
3.	Adjustment to Actual Heat Rate (1-2)	-462	-208	-250	2	-458	-316	
4.	Actual Heat Rate (Page 2 of Sched. 3)	10709	10785	10941	10768	10913	10715	
5.	Adjusted Actual Heat Rate (4+3)	10247	10577	10691	10770	10455	10399	
6.	Net MWH Generation	110711	90438	75877	114276	16667	27720	
7.	Adjusted Actual Heat Rate for October 1996 - March 1997 $=(\Sigma(5*6)/\Sigma 6)$							10548

* From page 18, schedule 3 of Exhibit to G. D. Fontaine's June 24, 1996 GPIF testimony in Docket 960001-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 1996 - March 1997
Adjusted to Target Basis Using Heat Rate
Equations Filed June 24, 1996

Crist 7

		Oct	Nov	Dec	Jan	Feb	Mar	Oct - Mar
1.	Target Heat Rate*	10474	10567	10684	10815	10678	10580	
2.	Target Heat Rate at Actual Conditions**	10703	10661	10758	10486	10579	10789	
3.	Adjustment to Actual Heat Rate (1-2)	-229	-94	-74	329	99	-209	
4.	Actual Heat Rate (Page 3 of Sched. 3)	10450	10523	10489	10349	10399	10544	
5.	Adjusted Actual Heat Rate (4+3)	10221	10429	10415	10678	10498	10335	
6.	Net MWH Generation	202542	144695	72411	171317	190614	138211	
7.	Adjusted Actual Heat Rate for October 1996 - March 1997 =(Σ(5*6)/Σ6)							10429

* From page 19, schedule 3 of Exhibit to G. D. Fontaine's June 24, 1996 GPIF testimony in Docket 960001-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 1996 - March 1997
Adjusted to Target Basis Using Heat Rate
Equations Filed June 24, 1996

Smith 1

		Oct	Nov	Dec	Jan	Feb	Mar	Oct - Mar
1.	Target Heat Rate*	10171	10269	10202	10365	10316	10296	
2.	Target Heat Rate at Actual Conditions**	10228	10328	10351	10497	10532	10828	
3.	Adjustment to Actual Heat Rate (1-2)	-57	-59	-149	-132	-216	-532	
4.	Actual Heat Rate (Page 4 of Sched. 3)	10123	10020	10178	10280	10317	10574	
5.	Adjusted Actual Heat Rate (4+3)	10066	9961	10029	10148	10101	10042	
6.	Net MWH Generation	106935	79299	88030	83618	81895	28954	
7.	Adjusted Actual Heat Rate for October 1996 - March 1997 $=(\Sigma(5*6)/\Sigma 6)$							10061

* From page 20, schedule 3 of Exhibit to G. D. Fontaine's June 24, 1996 GPIF testimony in Docket 960001-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 1996 - March 1997
Adjusted to Target Basis Using Heat Rate
Equations Filed June 24, 1996

Smith 2

		Oct	Nov	Dec	Jan	Feb	Mar	Oct - Mar
1.	Target Heat Rate*	10311	10302	10341	10404	10313	10431	
2.	Target Heat Rate at Actual Conditions**	10363	10336	10456	10548	10480	10911	
3.	Adjustment to Actual Heat Rate (1-2)	-52	-34	-115	-144	-167	-480	
4.	Actual Heat Rate (Page 5 of Sched. 3)	10212	10127	10094	10217	10243	10305	
5.	Adjusted Actual Heat Rate (4+3)	10160	10093	9979	10073	10076	9825	
6.	Net MWH Generation	113001	86524	89391	102531	72250	55687	
7.	Adjusted Actual Heat Rate for October 1996 - March 1997 =(Σ(5*6)/Σ6)							10053

* From page 21, schedule 3 of Exhibit to G. D. Fontaine's June 24, 1996 GPIF testimony in Docket 960001-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 1996 - March 1997
Adjusted to Target Basis Using Heat Rate
Equations Filed June 24, 1996

Daniel 1

		Oct	Nov	Dec	Jan	Feb	Mar	Oct - Mar
1.	Target Heat Rate*	10348	10338	10431	10419	10366	0	
2.	Target Heat Rate at Actual Conditions**	10308	10314	10200	10384	10390	10249	
3.	Adjustment to Actual Heat Rate (1-2)	40	24	231	35	-24	136	
4.	Actual Heat Rate (Page 6 of Sched. 3)	10713	10514	10530	10834	10674	10440	
5.	Adjusted Actual Heat Rate (4+3)	10753	10538	10761	10869	10650	10576	
6.	Net MWH Generation	203514	244224	316553	91380	174781	279754	
7.	Adjusted Actual Heat Rate for October 1996 - March 1997 =(Σ(5*6)/Σ6)							10671

* From page 22, schedule 3 of Exhibit to G. D. Fontaine's June 24, 1996 GPIF testimony in Docket 960001-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 1996 - March 1997
Adjusted to Target Basis Using Heat Rate
Equations Filed June 24, 1996

Daniel 2

		Oct	Nov	Dec	Jan	Feb	Mar	Oct - Mar
1.	Target Heat Rate*	10113	10109	10236	10127	10108	10155	
2.	Target Heat Rate at Actual Conditions**	9932	10048	9894	9864	10088	9895	
3.	Adjustment to Actual Heat Rate (1-2)	181	61	342	263	20	260	
4.	Actual Heat Rate (Page 7 of Sched. 3)	10349	10403	10323	10147	10595	10163	
5.	Adjusted Actual Heat Rate (4+3)	10530	10464	10665	10410	10615	10423	
6.	Net MWH Generation	309903	223731	312204	189259	114535	313440	
7.	Adjusted Actual Heat Rate for October 1996 - March 1997 =(Σ(5*6)/Σ6)							10517

* From page 23, schedule 3 of Exhibit to G. D. Fontaine's June 24, 1996 GPIF testimony in Docket 960001-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 1996 - March 1997

	Oct	Nov	Dec	Jan	Feb	Mar
Crist 6						
AKW * 10^{+3}	148.6	154.8	143.4	153.6	130.6	148.7
LSRF * 10^{+6}	24601.6	26299.8	22997.2	26645.3	17800.5	17979.9
Crist 7						
AKW * 10^{+3}	272.7	277.7	264.1	328.5	301.2	253.1
LSRF * 10^{+6}	84243.6	86199.4	79277.0	122541.6	103539.5	69797.8
Smith 1						
AKW * 10^{+3}	143.5	146.6	122.5	133.8	121.9	91.0
LSRF * 10^{+6}	21370.3	22102.9	16499.1	19219.1	16334.3	9555.6
Smith 2						
AKW * 10^{+3}	158.0	167.0	133.2	137.8	128.2	92.9
LSRF * 10^{+6}	26820.7	29034.6	20216.4	21402.9	18749.1	10066.9
Daniel 1						
AKW * 10^{+3}	386.5	403.7	425.5	383.1	361.9	396.0
LSRF * 10^{+6}	157803.0	166053.5	186565.1	150430.4	139550.9	167168.1
Daniel 2						
AKW * 10^{+3}	416.0	396.8	419.6	438.3	356.4	421.3
LSRF * 10^{+6}	180679.9	164915.6	184711.8	195460.6	144673.3	185467.9

Target Heat Rate Equations

Crist 6 ANOHR = 10^6 / AKW * [283.63 + 41.78 * MAY + 47.50 * JUN + 71.49 * JUL + 69.47 * AUG + 53.54 * SEP]

+ 9,067

Crist 7 ANOHR = 10^6 / AKW * [715.72 + 37.42 * MAY + 72.62 * JUL + 65.06 * AUG]

+ 6,979 + 0.00356 * LSRF / AKW

Smith 1 ANOHR = 10^6 / AKW * [102.51 + 28.97 * JAN + 21.60 * FEB + 17.09 * MAR + 16.86 * NOV]

+ 9,514

Smith 2 ANOHR = 10^6 / AKW * [79.43 + 15.31 * JAN + 18.19 * MAR + 18.86 * APR + 33.80 * JUN - 17.79 * SEP]

+ 9,860

Daniel 1 ANOHR = 10^6 / AKW * [-196.30]

+ 12,928 - 0.00516 * LSRF / AKW

Daniel 2 ANOHR = 10^6 / AKW * [-86.94]

+ 13,068 - 0.00674 * 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 1996 - March 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	10710	10548	10389	3.54
Crist 7	10626	10429	10307	5.00
Smith 1	10269	10061	9961	5.71
Smith 2	10354	10053	10043	9.58
Daniel 1	10385	10671	10073	-8.90
Daniel 2	10141	10517	9837	-10.00

* From page 5, Schedule 3 of Exhibit to G. D. Fontaine's June 24, 1996 GPIF testimony in Docket 960001-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 October 1996 - March 1997

Unit	Availability Points	Availability* Weighting Factor	Heat Rate Points	Heat Rate* Weighting Factor
Crist 6	-10.00	0.001	3.54	0.140
Crist 7	3.75	0.002	5.00	0.212
Smith 1	7.78	0.005	5.71	0.115
Smith 2	10.00	0.005	9.58	0.127
Daniel 1	10.00	0.008	-8.90	0.156
Daniel 2	7.37	0.011	-10.00	0.216

Company GPIF Points = - 10.00 * 0.001 + 3.54 * 0.140
+ 3.75 * 0.002 + 5.00 * 0.212
+ 7.78 * 0.005 + 5.71 * 0.115
+ 10.00 * 0.005 + 9.58 * 0.127
+ 10.00 * 0.008 - 8.90 * 0.156
+ 7.37 * 0.011 - 10.00 * 0.216
0.13

Company reward/penalty = 0.13 points * $87302 per point
= $11,349

* From page 5, Schedule 3 of Exhibit to G. D. Fontaine's June 24, 1996 GPIF testimony in Docket 960001-EI.

V. GPIF MINIMUM FILING REQUIREMENTS FOR THE OCTOBER 1996 - MARCH 1997 PERIOD

CONTENTS	SCHEDULE 5 PAGE

Generating Performance Incentive Factor

Actual Reward/Penalty Table

Gulf Power Company

Period of: October 1996 - March 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	2731	873
+ 9	2458	786
+ 8	2185	698
+ 7	1912	611
+ 6	1639	524
+ 5	1366	437
+ 4	1092	349
+ 3	819	262
+ 2	546	175
+ 1	273	87
0	0	0
- 1	-277	-87
- 2	-553	-175
- 3	-830	-262
- 4	-1106	-349
- 5	-1383	-437
- 6	-1659	-524
- 7	-1936	-611
- 8	-2212	-698
- 9	-2489	-786
- 10	-2765	-873
	Minimum Attainable Fuel Loss	Maximum Incentive Dollars Allowed by Commission During Period (Penalty)

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Docket No.: 970001-EI
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Generating Performance Incentive Factor

Calculation of Maximum Allowed Incentive Dollars

Actual

Gulf Power Company

Period of: October 1996 - March 1997

Line 1	Beginning of Period Balance of Common Equity	$446,672,332
	End of Month Balance of Common Equity:	
Line 2	Month of Oct '96	$437,535,851
Line 3	Month of Nov '96	$442,618,137
Line 4	Month of Dec '96	$435,757,155
Line 5	Month of Jan '97	$439,677,618
Line 6	Month of Feb '97	$430,386,106
Line 7	Month of Mar '97	$433,597,644
Line 8	Average Common Equity for the Period (sum of line 1 through line 7 divided by 7)	$438,034,978
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)	$905,744
Line 12	Jurisdictional Sales (KWH)	3,917,519,994
Line 13	Total Territorial Sales (KWH)	4,064,345,748
Line 14	Jurisdictional Separation Factor (line 12 divided by line 13)	96.3875%
Line 15	Maximum Allowed Jurisdictional Incentive Dollars (line 11 multiplied by line 14)	$873,024

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Calculation of System Actual GPIF Points

Gulf Power Company

Period of: October 1996 - March 1997

Plant & Unit	Performance Indicator (EAF or ANOHR)	Weighting Factor	Unit Points	Weighted Unit Points
Crist 6	EAF1	0.1%	-10.00	-0.010
Crist 6	ANOHR1	14.0%	3.54	0.496
Crist 7	EAF2	0.2%	3.75	0.008
Crist 7	ANOHR2	21.2%	5.00	1.060
Smith 1	EAF3	0.5%	7.78	0.039
Smith 1	ANOHR3	11.5%	5.71	0.657
Smith 2	EAF4	0.5%	10.00	0.050
Smith 2	ANOHR4	12.7%	9.58	1.217
Daniel 1	EAF5	0.8%	10.00	0.080
Daniel 1	ANOHR5	15.6%	-8.90	-1.388
Daniel 2	EAF6	1.1%	7.37	0.081
Daniel 2	ANOHR6	21.6%	-10.00	-2.160
Gulf Power GPIF Total		99.8%		0.13

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Docket No.: 970001-EI
Order No.:

Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1996 - March 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	3	91.50	+ 10	383	10,389
+ 9	3	91.35	+ 9	345	10,414
+ 8	2	91.20	+ 8	306	10,438
+ 7	2	91.05	+ 7	268	10,463
+ 6	2	90.90	+ 6	230	10,487
+ 5	2	90.75	+ 5	192	10,512
+ 4	1	90.60	+ 4	153	10,537
+ 3	1	90.45	+ 3	115	10,561
+ 2	1	90.30	+ 2	77	10,586
+ 1	0	90.15	+ 1	38	10,610
				0	10,635
0	0	90.00	0	0	10,710
				0	10,785
- 1	(0)	89.78	- 1	(38)	10,810
- 2	(1)	89.56	- 2	(77)	10,834
- 3	(1)	89.34	- 3	(115)	10,859
- 4	(1)	89.12	- 4	(153)	10,883
- 5	(2)	88.90	- 5	(192)	10,908
- 6	(2)	88.68	- 6	(230)	10,933
- 7	(2)	88.46	- 7	(268)	10,957
- 8	(2)	88.24	- 8	(306)	10,982
- 9	(3)	88.02	- 9	(345)	11,006
- 10	(3)	87.80	- 10	(383)	11,031
Weighting Factor:		0.001	Weighting Factor:		0.140

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Order No.:

Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1996 - March 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	5	85.80	+ 10	580	10,307
+ 9	5	85.40	+ 9	522	10,331
+ 8	4	85.00	+ 8	464	10,356
+ 7	4	84.60	+ 7	406	10,380
+ 6	3	84.20	+ 6	348	10,405
+ 5	3	83.80	+ 5	290	10,429
+ 4	2	83.40	+ 4	232	10,453
+ 3	2	83.00	+ 3	174	10,478
+ 2	1	82.60	+ 2	116	10,502
+ 1	1	82.20	+ 1	58	10,527
				0	10,551
0	0	81.80	0	0	10,626
				0	10,701
- 1	(1)	81.20	- 1	(58)	10,725
- 2	(1)	80.60	- 2	(116)	10,750
- 3	(2)	80.00	- 3	(174)	10,774
- 4	(3)	79.40	- 4	(232)	10,799
- 5	(4)	78.80	- 5	(290)	10,823
- 6	(4)	78.20	- 6	(348)	10,847
- 7	(5)	77.60	- 7	(406)	10,872
- 8	(6)	77.00	- 8	(464)	10,896
- 9	(6)	76.40	- 9	(522)	10,921
- 10	(7)	75.80	- 10	(580)	10,945
Weighting Factor:		0.002	Weighting Factor:		0.212

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1996 - March 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	14	93.00	+ 10	314	9,961
+ 9	13	92.91	+ 9	283	9,984
+ 8	11	92.82	+ 8	251	10,008
+ 7	10	92.73	+ 7	220	10,031
+ 6	8	92.64	+ 6	188	10,054
+ 5	7	92.55	+ 5	157	10,078
+ 4	6	92.46	+ 4	126	10,101
+ 3	4	92.37	+ 3	94	10,124
+ 2	3	92.28	+ 2	63	10,147
+ 1	1	92.19	+ 1	31	10,171
				0	10,194
0	0	92.10	0	0	10,269
				0	10,344
- 1	(1)	91.97	- 1	(31)	10,367
- 2	(2)	91.84	- 2	(63)	10,391
- 3	(4)	91.71	- 3	(94)	10,414
- 4	(5)	91.58	- 4	(126)	10,437
- 5	(6)	91.45	- 5	(157)	10,461
- 6	(7)	91.32	- 6	(188)	10,484
- 7	(8)	91.19	- 7	(220)	10,507
- 8	(10)	91.06	- 8	(251)	10,530
- 9	(11)	90.93	- 9	(283)	10,554
- 10	(12)	90.80	- 10	(314)	10,577
Weighting Factor:		0.005	Weighting Factor:		0.115

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Docket No.: 970001-EI
Order No.:

Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1996 - March 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	15	92.70	+ 10	346	10,043
+ 9	14	92.61	+ 9	311	10,067
+ 8	12	92.52	+ 8	277	10,090
+ 7	11	92.43	+ 7	242	10,114
+ 6	9	92.34	+ 6	208	10,137
+ 5	8	92.25	+ 5	173	10,161
+ 4	6	92.16	+ 4	138	10,185
+ 3	5	92.07	+ 3	104	10,208
+ 2	3	91.98	+ 2	69	10,232
+ 1	2	91.89	+ 1	35	10,255
				0	10,279
0	0	91.80	0	0	10,354
				0	10,429
- 1	(1)	91.65	- 1	(35)	10,453
- 2	(3)	91.50	- 2	(69)	10,476
- 3	(4)	91.35	- 3	(104)	10,500
- 4	(6)	91.20	- 4	(138)	10,523
- 5	(7)	91.05	- 5	(173)	10,547
- 6	(8)	90.90	- 6	(208)	10,571
- 7	(10)	90.75	- 7	(242)	10,594
- 8	(11)	90.60	- 8	(277)	10,618
- 9	(13)	90.45	- 9	(311)	10,641
- 10	(14)	90.30	- 10	(346)	10,665
Weighting Factor:		0.005	Weighting Factor:		0.127

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1996 - March 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	23	65.00	+ 10	427	10,073
+ 9	21	64.58	+ 9	384	10,097
+ 8	18	64.16	+ 8	342	10,120
+ 7	16	63.74	+ 7	299	10,144
+ 6	14	63.32	+ 6	256	10,168
+ 5	12	62.90	+ 5	214	10,192
+ 4	9	62.48	+ 4	171	10,215
+ 3	7	62.06	+ 3	128	10,239
+ 2	5	61.64	+ 2	85	10,263
+ 1	2	61.22	+ 1	43	10,286
				0	10,310
0	0	60.80	0	0	10,385
				0	10,460
- 1	(4)	60.18	- 1	(43)	10,484
- 2	(8)	59.56	- 2	(85)	10,507
- 3	(12)	58.94	- 3	(128)	10,531
- 4	(16)	58.32	- 4	(171)	10,555
- 5	(21)	57.70	- 5	(214)	10,579
- 6	(25)	57.08	- 6	(256)	10,602
- 7	(29)	56.46	- 7	(299)	10,626
- 8	(33)	55.84	- 8	(342)	10,650
- 9	(37)	55.22	- 9	(384)	10,673
- 10	(41)	54.60	- 10	(427)	10,697
Weighting Factor:		0.008	Weighting Factor:		0.156

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

Generating Performance Incentive Points Table

Gulf Power Company

Period of: October 1996 - March 1997

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	31	81.70	+ 10	590	9,837
+ 9	28	81.51	+ 9	531	9,860
+ 8	25	81.32	+ 8	472	9,883
+ 7	22	81.13	+ 7	413	9,906
+ 6	19	80.94	+ 6	354	9,929
+ 5	16	80.75	+ 5	295	9,952
+ 4	12	80.56	+ 4	236	9,974
+ 3	9	80.37	+ 3	177	9,997
+ 2	6	80.18	+ 2	118	10,020
+ 1	3	79.99	+ 1	59	10,043
				0	10,066
0	0	79.80	0	0	10,141
				0	10,216
- 1	(5)	79.51	- 1	(59)	10,239
- 2	(10)	79.22	- 2	(118)	10,262
- 3	(14)	78.93	- 3	(177)	10,285
- 4	(19)	78.64	- 4	(236)	10,308
- 5	(24)	78.35	- 5	(295)	10,331
- 6	(29)	78.06	- 6	(354)	10,353
- 7	(34)	77.77	- 7	(413)	10,376
- 8	(38)	77.48	- 8	(472)	10,399
- 9	(43)	77.19	- 9	(531)	10,422
- 10	(48)	76.90	- 10	(590)	10,445
Weighting Factor:		0.011	Weighting Factor:		0.216

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Order No.:

GPIF Unit Performance Summary

Gulf Power Company

Period of: October 1996 - March 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	0.1	90.0	91.5	87.8	3	-3	86.3	($3)
Crist 7	0.2	81.8	85.8	75.8	5	-7	83.3	$2
Smith 1	0.5	92.1	93.0	90.8	14	-12	92.8	$11
Smith 2	0.5	91.8	92.7	90.3	15	-14	93.2	$15
Daniel 1	0.8	60.8	65.0	54.6	23	-41	65.2	$23
Daniel 2	1.1	79.8	81.7	76.9	31	-48	81.2	$23
Total:	3.2							

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	14.0	10,710	54.5	11,031	10,389	$383	($383)	10,548	$136
Crist 7	21.2	10,626	58.3	10,945	10,307	$580	($580)	10,429	$290
Smith 1	11.5	10,269	95.6	10,577	9,961	$314	($314)	10,061	$179
Smith 2	12.7	10,354	90.7	10,665	10,043	$346	($346)	10,053	$331
Daniel 1	15.6	10,385	74.6	10,697	10,073	$427	($427)	10,671	($380)
Daniel 2	21.6	10,141	78.1	10,445	9,837	$590	($590)	10,517	($590)
Total:	96.6								

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

Actual Unit Performance Data

Gulf Power Company

Period of: October 1996 - March 1997

Plant & Unit	Actual EAF %	Adjustments* to EAF %	Adjusted Actual %
Crist 6	87.8	-1.5	86.3
Crist 7	80.1	3.2	83.3
Smith 1	85.1	7.7	92.8
Smith 2	90.3	2.9	93.2
Daniel 1	72.4	-7.2	65.2
Daniel 2	79.9	1.3	81.2

Plant & Unit	Actual ANOHR BTU/KWH	Adjustments** to ANOHR BTU/KWH	ANOHR Adjusted Actual BTU/KWH
Crist 6	10,789	-241	10,548
Crist 7	10,449	-20	10,429
Smith 1	10,206	-145	10,061
Smith 2	10,193	-140	10,053
Daniel 1	10,577	94	10,671
Daniel 2	10,305	212	10,517

* Refer to pages 3 through 8, Schedule 2.

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

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Order No.:

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1996 - March 1997

	CRIST 6	Oct '96	Nov '96	Dec '96	Jan '97	Feb '97	Mar '97	Total
1.	EAF (%)	98.3	94.0	71.1	77.9	61.0	100.0	87.8
2.	PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
3.	SH	745.0	584.1	529.2	744.0	127.6	186.4	2916.3
4.	RSH	0.0	92.9	0.0	0.0	282.6	557.6	933.1
5.	UH	0.0	43.0	214.8	0.0	261.8	0.0	519.6
6.	POH	0.0	43.0	195.8	0.0	0.0	0.0	238.8
7.	FOH	0.0	0.0	19.0	0.0	0.0	0.0	19.0
8.	MOH	0.0	0.0	0.0	0.0	261.8	0.0	261.8
9.	PFOH	18.4	0.0	0.0	6.5	0.0	0.0	24.9
10.	LR pf (MW)	217.4	0.0	0.0	53.0	0.0	0.0	174.5
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	1185618	975402	830206	1230492	181886	297008	4700612
15.	Net Gen (MWH)	110711	90438	75877	114276	16667	27720	435689
16.	ANOHR (Btu/KWH)	10709	10785	10941	10768	10913	10715	10789
17.	NOF %	46.9	48.8	45.2	48.5	41.2	46.9	47.1
18.	NPC (MW)	317.0	317.0	317.0	317.0	317.0	317.0	317.0
19.	ANOHR Equation	10^6 / AKW * [283.63 + 41.78 * MAY + 47.80 * JUN + 71.49 * JUL + 69.47 * AUG + 53.54 * SEP] + 9,087						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1996 - March 1997

	CRIST 7	Oct '96	Nov '96	Dec '96	Jan '97	Feb '97	Mar '97	Total
1.	EAF (%)	95.3	84.8	44.2	82.4	94.1	81.1	80.1
2.	PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
3.	SH	742.6	521.1	274.2	521.5	632.8	546.1	3238.3
4.	RSH	0.0	132.0	77.9	106.1	0.0	57.5	373.5
5.	UH	2.4	66.9	391.9	116.4	39.2	140.4	757.2
6.	POH	0.0	48.0	383.7	0.0	0.0	0.0	431.7
7.	FOH	2.4	18.9	0.0	116.4	39.2	120.3	297.2
8.	MOH	0.0	0.0	8.2	0.0	0.0	20.1	28.3
9.	PFOH	207.7	123.9	200.5	145.7	6.9	2.6	687.3
10.	LR pf (MW)	79.8	172.3	58.7	50.3	46.8	78.0	83.7
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)	504.0	504.0	504.0	504.0	504.0	504.0	504.0
14.	Oper MBtu	2116502	1522580	759487	1772875	1982178	1457256	9610878
15.	Net Gen (MWH)	202542	144695	72411	171317	190614	138211	919790
16.	ANOHR (Btu/KWH)	10450	10523	10489	10349	10399	10544	10449
17.	NOF %	54.1	55.1	52.4	65.2	59.8	50.2	56.4
18.	NPC (MW)	504.0	504.0	504.0	504.0	504.0	504.0	504.0
19.	ANOHR Equation	10^6 / AKW * [715.72 + 37.42 * MAY + 72.62 * JUL + 65.08 * AUG] + 6,979 + 0.00356 * LSRF / AKW						

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

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1996 - March 1997

	SMITH 1	Oct '96	Nov '96	Dec '96	Jan '97	Feb '97	Mar '97	Total
1.	EAF (%)	99.9	74.7	95.6	94.6	98.8	47.9	85.1
2.	PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
3.	SH	745.0	540.9	718.8	624.9	672.0	318.3	3619.9
4.	RSH	0.0	0.0	0.0	84.6	0.0	38.0	122.6
5.	UH	0.0	179.1	25.2	34.5	0.0	387.7	626.5
6.	POH	0.0	179.1	0.0	0.0	0.0	387.7	566.8
7.	FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	MOH	0.0	0.0	25.2	34.5	0.0	0.0	59.7
9.	PFOH	0.6	9.6	18.2	16.2	10.2	1.0	55.8
10.	LR pf (MW)	108.3	56.5	68.6	56.3	65.3	31.0	62.1
11.	PMOH	2.1	0.0	0.0	0.0	8.4	0.0	10.5
12.	LR pm (MW)	48.0	0.0	0.0	0.0	76.0	0.0	70.4
13.	NSC (MW)	161.0	161.0	161.0	161.0	161.0	161.0	161.0
14.	Oper MBtu	1082541	794546	895964	859612	844884	306148	4783695
15.	Net Gen (MWH)	106935	79299	88030	83618	81895	28954	468731
16.	ANOHR (Btu/KWH)	10123	10020	10178	10280	10317	10574	10206
17.	NOF %	89.2	91.1	76.1	83.1	75.7	56.5	80.4
18.	NPC (MW)	161.0	161.0	161.0	161.0	161.0	161.0	161.0
19.	ANOHR Equation	10^6 / AKW * [102.51 * 28.97 * JAN + 21.80 * FEB + 17.09 * MAR + 16.86 * NOV] + 9,514						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1996 - March 1997

	SMITH 2	Oct '96	Nov '96	Dec '96	Jan '97	Feb '97	Mar '97	Total
1.	EAF (%)	95.3	71.9	96.1	98.5	100.0	80.6	90.3
2.	PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
3.	SH	715.0	518.0	671.2	744.0	563.7	599.7	3811.6
4.	RSH	0.0	0.0	44.2	0.0	108.3	0.0	152.5
5.	UH	30.0	202.0	28.6	0.0	0.0	144.3	404.9
6.	POH	0.0	202.0	0.0	0.0	0.0	144.3	346.3
7.	FOH	30.0	0.0	28.6	0.0	0.0	0.0	58.6
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	PFOH	20.9	0.0	2.2	23.2	0.2	0.0	46.5
10.	LR pf (MW)	47.1	0.0	44.5	92.8	181.0	0.0	70.4
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.	MSC (MW)	191.0	191.0	191.0	191.0	191.0	191.0	191.0
14.	Oper MBtu	1153967	876211	902318	1047603	740068	573873	5294040
15.	Net Gen (MWH)	113001	86524	89391	102531	72250	55687	519384
16.	ANOHR (Btu/KWH)	10212	10127	10094	10217	10243	10305	10193
17.	NOF %	82.7	87.5	69.7	72.2	67.1	48.6	71.3
18.	NPC (MW)	191.0	191.0	191.0	191.0	191.0	191.0	191.0
19.	ANOHR Equation	$10^6 / ANOH * [79.43 + 15.31 * JAN + 18.19 * MAR + 18.86 * APR + 33.80 * JUN - 17.79 * SEP] + 9,860$						

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Docket No.: 970001-EI
Order No.:

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1996 - March 1997

	DANIEL 1	Oct '96	Nov '96	Dec '96	Jan '97	Feb '97	Mar '97	Total
1.	EAF (%)	65.7	81.4	99.9	29.2	63.7	94.2	72.4
2.	PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
3.	SH	526.6	604.9	744.0	238.5	483.0	706.4	3303.4
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	218.4	115.1	0.0	505.5	189.0	37.6	1065.6
6.	POH	148.8	0.0	0.0	505.5	86.8	0.0	741.1
7.	FOH	0.0	0.0	0.0	0.0	0.0	37.6	37.6
8.	MOH	69.6	115.1	0.0	0.0	102.2	0.0	286.9
9.	PFOH	151.6	169.0	6.1	232.5	330.2	158.3	1047.7
10.	LR pf (MW)	106.2	48.0	77.6	43.6	77.6	16.8	60.2
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)	430.0	430.0	430.0	469.0	469.0	469.0	449.5
14.	Oper MBtu	2180248	2567846	3333336	990048	1865680	2920570	13857728
15.	Net Gen (MWH)	203514	244224	316553	91380	174781	279754	1310206
16.	ANOHR (Btu/KWH)	10713	10514	10530	10834	10674	10440	10577
17.	NOF %	89.9	93.9	98.9	81.7	77.2	84.4	88.2
18.	NPC (MW)	430.0	430.0	430.0	469.0	469.0	469.0	449.5
19.	ANOHR Equation	10^6 / AKW * [-198.30] + 12,928 - 0.00516 * LSRF / AKW						

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Order No.:

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: October 1996 - March 1997

	DANIEL 2	Oct '96	Nov '96	Dec '96	Jan '97	Feb '97	Mar '97	Total
1.	EAF (%)	99.9	76.4	99.8	56.4	43.7	99.6	79.9
2.	PH	745.0	720.0	744.0	744.0	672.0	744.0	4369.0
3.	SH	745.0	563.8	744.0	431.8	321.4	744.0	3550.0
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	0.0	156.2	0.0	312.2	350.6	0.0	819.0
6.	POH	0.0	0.0	0.0	312.2	348.5	0.0	660.7
7.	FOH	0.0	23.9	0.0	0.0	0.0	0.0	23.9
8.	MOH	0.0	132.3	0.0	0.0	2.1	0.0	134.4
9.	PFOH	8.1	98.6	5.0	333.5	111.5	25.4	582.1
10.	LR pf (MW)	48.4	59.8	100.0	17.5	117.5	59.6	46.8
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)	430.0	430.0	430.0	477.0	477.0	477.0	453.5
14.	Oper MBtu	3207314	2327429	3222779	1920416	1213478	3185492	15076908
15.	Net Gen (MWH)	309903	223731	312204	189259	114535	313440	1463072
16.	ANOHR (Btu/KWH)	10349	10403	10323	10147	10595	10163	10305
17.	NOF %	96.7	92.3	97.6	91.9	74.7	88.3	90.9
18.	NPC (MW)	430.0	430.0	430.0	477.0	477.0	477.0	453.5

19.	ANOHR Equation	$10^{\wedge}6$ / AKW * [-66.94]
		+ 13,088 - 0.00674 * LSRF / AKW

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Docket No.: 970001-EI
Order No.:

Planned Outage Schedules (Actual)

Period of: October 1996 - March 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 15th day of May, 1997.

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