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Jack L. Haskins
Manager of Rates and Regulatory Matters
and Assistant Secretary

the southern electric system

November 11, 1994

Ms. Blanca S. Bayo, Director
Division of Records and Reporting
Florida Public Service Commission
101 East Gaines Street
Tallahassee, FL 32399-0870

Dear Ms. Bayo:

RE: Docket No. 940001-EI

Enclosed for official filing in Docket No. 940001-EI are an original and fifteen (15) copies of the following:

1. Prepared direct testimony and exhibit of S. D. Cranmer.
2. Prepared direct testimony and exhibit of M. L. Gilchrist.
3. Prepared direct testimony and exhibit of G. D. Fontaine.
4. Prepared direct testimony of M. W. Howell.

Sincerely,

Jack L. Haskins

lw

Enclosures

ACK
AFA
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EAG
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SEC 1
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Cranmer
DOCUMENT NUMBER-DATE
11463 NOV 14 94
FPSC-RECORDS/REPORTING

Gilchrist
DOCUMENT NUMBER-DATE
11464 NOV 14 94
FPSC-RECORDS/REPORTING

Fontaine
DOCUMENT NUMBER-DATE
11465 NOV 14 94
FPSC-RECORDS/REPORTING

Howell
DOCUMENT NUMBER-DATE
11466 NOV 14 94
FPSC-RECORDS/REPORTING

"Our business is customer satisfaction"

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

IN RE: Fuel and Purchased Power Cost)
Recovery Clause with Generating)
Performance Incentive Factor) Docket No. 940001-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 14th day of November, 1994 on the following:

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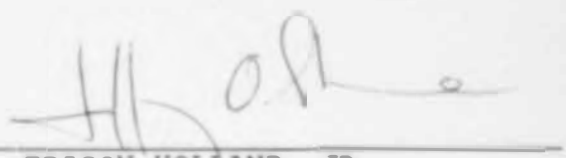

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GULF POWER COMPANY
TESTIMONY AND EXHIBITS OF
G. D. FONTAINE

GENERATING PERFORMANCE INCENTIVE FACTOR

RESULTS FOR

APRIL 1994 - SEPTEMBER 1994

Before

THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 940001-EI

GULF POWER COMPANY
Before the Florida Public Service Commission
Direct Testimony of
G. D. Fontaine
Docket No. 940001-EI
Date of Filing November 14, 1994

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 April 1, 1994, through September 30, 1994.

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-94-0390-FOF-EI is on page 9 of Schedule 2. The results are: Crist 6, -5.50 points; Crist 7, +10.00 points; Smith 1, +10.00 points; Smith 2, +10.00 points; Daniel 1, -10.00 points, and Daniel 2, +10.00 points.

Q. Mr. Fontaine, what were the heat rate results for the 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 1994, 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: -5.15 for Crist 6, -1.51 for Crist 7; 0.00 for Smith 1, -6.67 for Smith 2; +3.07 for Daniel 1; and +2.32 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 +0.28 as indicated on page 2 of Schedule 4. This calculated to a reward in the amount of $22,931.

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 $22,931 as provided for by the GPIF plan.

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

A. Yes, Sir.

Florida Public Service Commission
Docket No. 960001-EI
Gulf Power Company
Witness: G. D. Fontaine
Exhibit No. ___ (GDF-1)

EXHIBIT TO THE TESTIMONY OF

G. D. FONTAINE

IN FPSC DOCKET 960001-EI

1. CORRECTIONS TO REPORTED OUTAGES FOR THE APRIL 1996 - SEPTEMBER 1996 PERIOD

Additions and Corrections to Outages Previously Reported
for the April 1996 - September 1996 Period

Date	Unit	Change	Outage Type	Hours	MW	Description
07/96	Crist 6	PFON	PFO	172.6	106.9	Incorrectly Reported
07/96	Crist 6	MOH	FMO	70.8	317.0	Incorrectly Reported
07/96	Crist 7	PFON	PFO	64.8	57.6	Incorrectly Reported
05/96	Daniel 1	PFON	PFO	121.9	86.3	Incorrectly Reported
09/96	Daniel 1	MOH	FMO	142.3	510.0	Incorrectly Reported
06/96	Daniel 2	RSH	RSH	24.1	510.0	Incorrectly Reported

II. CALCULATIONS OF EQUIVALENT AVAILABILITY POINTS

Comparison of Forecast and Actual Planned Outages
for April 1994 - September 1994

Unit	Note	Forecast Planned Outage Schedule	Forecast Hours*	Actual Planned Outage Schedule	Actual Hours*
Crist 6	1	02/26/94 - 05/15/94	1079.0	03/02/94 - 05/23/94	1258.6
Smith 1	2	02/12/94 - 04/24/94	576.0	02/11/94 - 05/15/94	1161.9
Daniel 1	3	02/19/94 - 04/03/94	72.0	02/18/94 - 04/04/94	88.1
Daniel 1	4	09/17/94 - 10/30/94	336.0	None	0.0

* Planned outage hours in the April 1994 - September 1994 period only.

Notes:

1. This outage was deferred one week due to the precipitator construction schedule and then proceeded as planned.
2. This outage was extended because of unanticipated necessary turbine maintenance discovered during the outage.
3. This outage proceeded as scheduled.
4. This outage was canceled because the scheduled outage work was completed on other outages.

Calculation of Actual Equivalent Availability
for April 1996 - September 1996
Based on Target Planned Outage Hours
Crist 6

Results of Operations

	Apr	May	Jun	Jul	Aug	Sep	Total
FOH	0.0	17.1	36.0	59.7	0.0	0.0	110.8
EFOH	0.0	3.3	56.7	58.1	1.7	0.6	120.4
MOH	0.0	59.8	55.9	70.8	0.0	0.0	186.5
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	719.0	539.6	0.0	0.0	0.0	0.0	1258.6
RSH	0.0	0.0	0.0	0.0	26.4	253.6	280.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(110.8 + 120.4 + 186.5 + 0.0)}{(4391.0 - 1258.6 - 280.0)}$$

EUOR = 0.1464

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

Target POH^{*} = 1079.0

Target RSH^{*} = 0.0

$$EA = \left[1 - \frac{(1079.0 + 0.1464\ (4391.0 - 1079.0 - 0.0))}{4391.0} \right] \times 100 = 64.6\ \%$$

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

Calculation of Actual Equivalent Availability
for April 1994 - September 1994
Based on Target Planned Outage Hours
Crist 7

Results of Operations

	Apr	May	Jun	Jul	Aug	Sep	Total
FOH	81.4	57.0	50.0	0.0	26.0	0.0	214.4
EFOH	42.4	7.6	10.2	7.4	2.8	1.3	71.7
MOH	0.0	61.8	0.0	0.0	0.0	0.0	61.8
EMOH	24.9	0.0	0.0	0.0	0.0	0.0	24.9
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	326.0	326.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(214.4 + 71.7 + 61.8 + 24.9)}{(4391.0 - 0.0 - 326.0)}$$

EUOR = 0.0917

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

Target POH* = 0.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(0.0 + 0.0917\ (4391.0 - 0.0 - 0.0))}{4391.0} \right] \times 100 = 90.8\ \%$$

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

Calculation of Actual Equivalent Availability
for April 1994 - September 1994
Based on Target Planned Outage Hours
Smith 1

Results of Operations

	Apr	May	Jun	Jul	Aug	Sep	Total
FOH	0.0	16.9	0.0	26.2	0.0	17.5	60.6
EFOH	0.0	1.0	0.5	0.8	2.3	2.9	7.5
MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMOH	0.0	0.2	0.0	0.0	1.4	0.0	1.6
PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
POH	719.0	442.9	0.0	0.0	0.0	0.0	1161.9
RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0

1. $EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(60.6 + 7.5 + 0.0 + 1.6)}{(4391.0 - 1161.9 - 0.0)}$

EUOR = 0.0216

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

Target POH^{o} = 576.0

Target RSH^{o} = 0.0

$EA = \left[1 - \frac{(576.0 + 0.0216 (4391.0 - 576.0 - 0.0))}{4391.0} \right] \times 100 = 85.0\ \%$

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

Calculation of Actual Equivalent Availability
for April 1996 - September 1996
Based on Target Planned Outage Hours
Smith 2

Results of Operations

	Apr	May	Jun	Jul	Aug	Sep	Total
FOH	0.0	29.8	0.0	33.5	0.0	0.0	63.3
EFOH	1.3	3.2	0.3	0.2	0.6	0.1	5.7
MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMOH	0.0	1.6	1.3	0.0	0.1	0.0	3.0
PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(63.3 + 5.7 + 0.0 + 3.0)}{(4391.0 - 0.0 - 0.0)}$$

EUOR = 0.0166

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

Target POH* = 0.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(0.0 + 0.0166\ (4391.0 - 0.0 - 0.0))}{4391.0} \right] \times 100 = 98.4\ \%$$

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

Calculation of Actual Equivalent Availability
for April 1994 - September 1994
Based on Target Planned Outage Hours
Daniel 1

Results of Operations

	Apr	May	Jun	Jul	Aug	Sep	Total
FOH	18.2	0.0	0.0	0.0	0.0	2.4	20.6
EFOH	38.1	20.1	5.7	0.6	2.0	16.1	82.6
MOH	0.0	0.0	0.0	36.6	0.0	142.3	178.9
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	88.1	0.0	0.0	0.0	0.0	0.0	88.1
RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(20.6 + 82.6 + 178.9 + 0.0)}{(4391.0 - 88.1 - 0.0)}$$

EUOR = 0.0656

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

Target POH* = 408.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(408.0 + 0.0656\ (4391.0 - 408.0 - 0.0))}{4391.0} \right] \times 100 = 84.8\ \%$$

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

Calculation of Actual Equivalent Availability
for April 1994 - September 1994
Based on Target Planned Outage Hours
Daniel 2

Results of Operations

	Apr	May	Jun	Jul	Aug	Sep	Total
FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EFOH	4.1	25.6	0.6	2.2	6.7	2.6	41.8
MOH	0.0	0.0	0.0	0.0	48.0	0.0	48.0
EMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RSH	0.0	152.2	24.1	60.0	0.0	0.0	236.3

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(0.0 + 41.8 + 48.0 + 0.0)}{(4391.0 - 0.0 - 236.3)}$$

EUOR = 0.0216

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

Target POH* = 0.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(0.0 + 0.0216\ (4391.0 - 0.0 - 0.0))}{4391.0} \right] \times 100 = 97.8\ \%$$

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

Calculation of Equivalent Availability Points
for April 1996 - September 1996

(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	66.6	64.4	62.6	-5.50
Crist 7	82.1	90.8	87.5	10.00
Smith 1	80.8	85.0	82.6	10.00
Smith 2	90.8	98.6	93.6	10.00
Daniel 1	86.8	84.8	85.1	-10.00
Daniel 2	96.8	97.8	97.8	10.00

* As appropriate from page 5, Schedule 3 of Exhibit to G. D. Fontaine's January 18, 1996 GPIF testimony in Docket 940001-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 1994 - September 1994

Crist 6

	Apr	May	Jun	Jul	Aug	Sep	Total
Pounds Coal (000's)	0.0	9702.4	120280.4	110316.6	132626.5	79130.2	452056.1
BTU/Lb*	0.0	11924.9	11675.3	11556.2	11712.9	11756.7	11676.9
Coal, MMBTU	0.0	115700.1	1404309.8	1274840.7	1553440.9	930310.0	5278601.5
Oil, MMBTU	0.0	881.6	1414.2	1004.0	694.7	1306.8	5301.3
Gas, MMBTU	0.0	76417.0	6317.0	3361.0	1485.0	3019.0	88599.0
Startup, MMBTU **	0.0	-12120.0	-4040.0	-8080.0	-4040.0	-4040.0	-32320.0
Total Fuel Consumption, MMBTU	0.0	178878.7	1408001.0	1271125.7	1551580.6	930595.8	5340181.8
Net MWH Generation***	0	15365	128666	113640	145726	85409	488806
Average Net Operating Heat Rate	---	11642	10943	11186	10647	10896	10925

* 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 1996 - September 1996

Crist 7

	Apr	May	Jun	Jul	Aug	Sep	Total
Pounds Coal (000's)	215588.9	222826.3	223233.2	232223.6	218306.1	94448.8	1206626.7
BTU/Lb*	11779.6	11797.9	11700.0	11560.2	11678.7	11865.8	11713.0
Coal, MMBTU	2539551.0	2628882.6	2611828.6	2684548.9	2549531.5	1118821.6	14133163.8
Oil, MMBTU	4322.7	4701.5	6793.5	6267.0	5237.2	1477.3	28799.2
Gas, MMBTU	5023.0	6130.0	3176.0	0.0	1799.0	6170.0	18296.0
Startup, MMBTU **	-6768.0	-4512.0	-2256.0	0.0	-2256.0	-2256.0	-18048.0
Total Fuel Consumption, MMBTU	2542128.7	2633201.9	2619539.9	2690815.9	2554311.7	1122212.9	14162211.0
Net MWH Generation***	246470	256183	249713	253253	239728	103698	1349045
Average Net Operating Heat Rate	10316	10279	10490	10625	10655	10822	10498

* 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 1994 - September 1994

Smith 1

	Apr	May	Jun	Jul	Aug	Sep	Total
Pounds Coal (000's)	0.0	35310.6	88362.0	86782.4	90212.4	81040.7	379707.9
BTU/Lb*	0.0	12030.0	12135.6	11895.0	11977.7	12142.6	12036.0
Coal, MMBTU	0.0	424784.1	1072308.2	1008486.6	1080537.1	984044.8	4570160.8
Oil, MMBTU	0.0	4489.3	653.0	1741.1	1245.8	1482.0	9611.2
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	0.0	-1928.0	0.0	-964.0	0.0	0.0	-2892.0
Total Fuel Consumption, MMBTU	0.0	427345.4	1072961.2	1009263.7	1081782.9	985526.8	4576880.0
Net MWH Generation***	0	41917	106375	97927	105534	96116	447869
Average Net Operating Heat Rate	---	10195	10087	10306	10251	10254	10219

* 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 1994 - September 1994

Smith 2

	Apr	May	Jun	Jul	Aug	Sep	Total
Pounds Coal (000's)	111862.6	106721.6	108814.7	97383.5	104776.0	88538.9	618097.1
BTU/Lb*	11911.9	11895.1	11553.5	11758.7	11898.6	12183.7	11858.6
Coal, MMBTU	1332493.7	1269464.1	1257190.6	1145103.4	1246687.7	1078731.4	7329670.9
Oil, MMBTU	1046.2	505.9	646.4	2038.5	1213.5	726.8	6177.3
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	0.0	-1190.0	0.0	-1190.0	0.0	0.0	-2380.0
Total Fuel Consumption, MMBTU	1333539.9	1268780.0	1257837.0	1145951.9	1247901.2	1079458.2	7333468.2
Net MWH Generation***	127575	121943	119686	109294	118640	104008	701166
Average Net Operating Heat Rate	10453	10405	10509	10485	10518	10379	10459

* 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 1994 - September 1994

Daniel 1

	Apr	May	Jun	Jul	Aug	Sep	Total
Pounds Coal (000's)	254996.9	196117.2	163001.6	158536.3	236192.9	190450.7	1199295.6
BTU/Lb*	9461.2	11072.9	11253.0	11293.8	11475.8	11669.5	10923.0
Coal, MMBTU	2412576.7	2171586.1	1834257.0	1790477.7	2710502.5	2180565.3	13099965.3
Oil, MMBTU	8691.3	164.7	570.1	2059.0	11.4	3747.1	15243.6
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	-2388.7	0.0	0.0	-2388.7	0.0	-2388.7	-7166.1
Total Fuel Consumption, MMBTU	2418879.3	2171750.8	1834827.1	1790148.0	2710513.9	2181923.7	13108042.8
Net MWH Generation***	240406	212304	175221	170401	266041	212353	1276726
Average Net Operating Heat Rate	10062	10229	10472	10506	10188	10275	10267

* 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 1994 - September 1994

Daniel 2

	Apr	May	Jun	Jul	Aug	Sep	Total
Pounds Coal (000's)	323445.2	174790.1	178028.6	181031.8	241685.3	240912.2	1339893.0
BTU/Lb*	9468.1	10915.0	11252.4	11006.6	11490.8	11473.2	10827.2
Coal, MMBTU	3062411.5	1907833.9	2003246.8	1992544.6	2777157.4	2764033.9	14507228.1
Oil, MMBTU	0.8	3339.3	2695.5	2959.2	2920.7	0.4	11915.9
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	0.0	-2388.7	-2388.7	-2388.7	-2388.7	0.0	-9554.8
Total Fuel Consumption, MMBTU	3062412.3	1908784.5	2003553.6	1993115.1	2777689.4	2764034.3	14509589.2
Net MWH Generation***	309614	193274	196539	201694	277607	276155	1452883
Average Net Operating Heat Rate	9891	9876	10194	9882	10006	10082	9987

* 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 1994 - September 1994
Adjusted to Target Basis Using Heat Rate
Equations Filed January 18, 1994

Crist 6

	Apr	May	Jun	Jul	Aug	Sep	Apr - Sep
1. Target Heat Rate*	0	10393	10342	10368	10361	10525	
2. Target Heat Rate at Actual Conditions**	0	11681	10615	10772	10623	10792	
3. Adjustment to Actual Heat Rate (1-2)	0	-1288	-273	-404	-282	-267	
4. Actual Heat Rate (Page 2 of Sched. 3)	0	11642	10943	11186	10647	10896	
5. Adjusted Actual Heat Rate (4+3)	0	10354	10670	10782	10365	10629	
6. Net MWH Generation	0	15365	128666	113640	165726	85409	
7. Adjusted Actual Heat Rate for April 1994 - September 1994 =(Σ (5*6) / Σ 6)							10588

* From page 18, schedule 3 of Exhibit to G. D. Fontaine's January 18, 1994 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 April 1994 - September 1994
Adjusted to Target Basis Using Heat Rate
Equations Filed January 18, 1994

Crist 7

	Apr	May	Jun	Jul	Aug	Sep	Apr - Sep
1. Target Heat Rate*	9891	10259	10212	10383	10341	10323	
2. Target Heat Rate at Actual Conditions**	9950	10196	10324	10637	10620	10847	
3. Adjustment to Actual Heat Rate (1-2)	-59	63	-112	-254	-279	-524	
4. Actual Heat Rate (Page 3 of Sched. 3)	10314	10279	10490	10625	10655	10822	
5. Adjusted Actual Heat Rate (4+3)	10255	10362	10378	10371	10376	10298	
6. Net MWH Generation	246470	256183	249713	253253	239728	103698	
7. Adjusted Actual Heat Rate for April 1994 - September 1994 =(Σ (5*6) / Σ 6)							10341

* From page 19, schedule 3 of Exhibit to G. D. Fontaine's January 18, 1994 GPIF testimony in Docket 940001-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 1996 - September 1996
Adjusted to Target Basis Using Heat Rate
Equations Filed January 18, 1994

Smith 1

	Apr	May	Jun	Jul	Aug	Sep	Apr - Sep
1. Target Heat Rate*	10155	10183	10160	10152	10151	10167	
2. Target Heat Rate at Actual Conditions**	10155	10213	10200	10285	10222	10253	
3. Adjustment to Actual Heat Rate (1-2)	0	-30	-40	-133	-71	-86	
4. Actual Heat Rate (Page 4 of Sched. 3)	0	10195	10087	10306	10251	10254	
5. Adjusted Actual Heat Rate (4+3)	0	10165	10047	10173	10180	10168	
6. Net MWH Generation	0	61917	106375	97927	105534	96116	
7. Adjusted Actual Heat Rate for April 1996 - September 1996 =(Σ (5*6) / Σ 6)							10143

* From page 20, schedule 3 of Exhibit to G. D. Fontaine's January 18, 1994 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 April 1994 - September 1994
Adjusted to Target Basis Using Heat Rate
Equations Filed January 18, 1994

Smith 2

	Apr	May	Jun	Jul	Aug	Sep	Apr - Sep
1. Target Heat Rate*	10173	10181	10286	10172	10172	10175	
2. Target Heat Rate at Actual Conditions**	10170	10188	10317	10258	10203	10268	
3. Adjustment to Actual Heat Rate (1-2)	3	-7	-31	-86	-31	-93	
4. Actual Heat Rate (Page 5 of Sched. 3)	10453	10405	10509	10485	10518	10379	
5. Adjusted Actual Heat Rate (4+3)	10456	10398	10478	10399	10487	10286	
6. Net MWH Generation	127575	121963	119686	109294	118640	104008	
7. Adjusted Actual Heat Rate for April 1994 - September 1994 =(Σ (5*6) / Σ 6)							10421

* From page 21, schedule 3 of Exhibit to G. D. Fontaine's January 18, 1994 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 April 1996 - September 1996
Adjusted to Target Basis Using Heat Rate
Equations Filed January 18, 1996

Daniel 1

	Apr	May	Jun	Jul	Aug	Sep	Apr - Sep
1. Target Heat Rate*	10257	11134	10485	10323	10298	10460	
2. Target Heat Rate at Actual Conditions**	10268	10803	10589	10598	10302	10283	
3. Adjustment to Actual Heat Rate (1-2)	9	331	-104	-275	-4	177	
4. Actual Heat Rate (Page 6 of Sched. 3)	10062	10229	10472	10506	10188	10275	
5. Adjusted Actual Heat Rate (4+3)	10071	10560	10368	10231	10184	10452	
6. Net MWH Generation	240606	212304	175221	170401	266041	212353	
7. Adjusted Actual Heat Rate for April 1996 - September 1996 $=(\Sigma(5*6)/\Sigma 6)$							10301

* From page 22, schedule 3 of Exhibit to G. D. Fontaine's January 18, 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 April 1994 - September 1994
Adjusted to Target Basis Using Heat Rate
Equations Filed January 18, 1994

Daniel 2

	Apr	May	Jun	Jul	Aug	Sep	Apr - Sep
1. Target Heat Rate*	9809	10233	10226	10045	10016	10337	
2. Target Heat Rate at Actual Conditions**	9879	10035	10350	10332	10030	10219	
3. Adjustment to Actual Heat Rate (1-2)	-70	198	-124	-287	-14	118	
4. Actual Heat Rate (Page 7 of Sched. 3)	9891	9876	10194	9882	10006	10082	
5. Adjusted Actual Heat Rate (4+3)	9821	10074	10070	9595	9992	10200	
6. Net MWH Generation	309614	193276	196539	201694	277607	274155	9961
7. Adjusted Actual Heat Rate for April 1994 - September 1994 =(Σ(5*6)/Σ6)							

* From page 23, Schedule 3 of Exhibit to G. D. Fontaine's January 18, 1994 GDIF testimony in Docket 940001-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 1994 - September 1994

	Apr	May	Jun	Jul	Aug	Sep
Crist 6						
AKW * 10^{+3}	0.0	120.5	204.2	185.2	203.1	183.1
LSRF * 10^{+6}	0.0	17656.5	47001.8	40907.9	48067.4	41228.7
Crist 7						
AKW * 10^{+3}	386.6	409.8	372.7	340.6	333.9	263.2
LSRF * 10^{+6}	163300.1	179432.8	154071.2	131876.0	129202.1	81488.9
Smith 1						
AKW * 10^{+3}	0.0	147.5	147.7	136.4	141.8	136.8
LSRF * 10^{+6}	0.0	22568.3	22497.6	19973.8	20967.5	19783.5
Smith 2						
AKW * 10^{+3}	177.4	170.7	166.2	153.8	159.5	144.5
LSRF * 10^{+6}	31984.1	30194.6	28943.1	25867.3	27048.7	23183.1
Daniel 1						
AKW * 10^{+3}	392.4	285.6	243.6	240.9	357.6	369.1
LSRF * 10^{+6}	159283.8	100008.1	76176.1	76716.0	147690.1	151877.8
Daniel 2						
AKW * 10^{+3}	430.6	326.6	282.4	294.9	398.9	380.8
LSRF * 10^{+6}	186160.9	127642.1	97670.5	102562.8	172617.4	157527.2

Target Heat Rate Equations:

Crist 6 ANOHR = 10^6 / AKW * [313.61 + 67.43 * JAN - 32.04 * OCT]
+ 9,080

Crist 7 ANOHR = 10^6 / AKW * [-231.40 - 59.47 * MAR - 127.01 * APR + 60.00 * JUL + 56.40 * AUG]
+ 16,058 - 0.00753 * LSRF / AKW

Smith 1 ANOHR = 10^6 / AKW * [295.15 + 12.03 * JAN + 17.52 * MAR - 14.12 * OCT - 15.05 * NOV]
+ 6,097 + 0.01382 * LSRF / AKW

Smith 2 ANOHR = 10^6 / AKW * [333.12 + 24.79 * MAR + 20.35 * JUN]
+ 5,298 + 0.01661 * LSRF / AKW

Daniel 1 ANOHR = 10^6 / AKW * [218.79 + 64.88 * MAR + 98.95 * MAY]
+ 9,690

Daniel 2 ANOHR = 10^6 / AKW * [89.26 - 89.43 * MAR - 57.63 * APR - 50.59 * MAY + 49.53 * SEP]
+ 10,947 - 0.00264 * 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 1996 - September 1996

(1) Unit	(2) Actual Average Average Net Operating Heat Rate Target*	(3) Net Operating Heat Rate Adjusted to Target Basis**	(4) Minimum Attainable Heat Rate*	(5) Heat Rate Points***
Crist 6	10391	10588	10079	-5.15
Crist 7	10231	10341	9926	-1.51
Smith 1	10162	10163	9857	0.00
Smith 2	10192	10421	9886	-6.67
Daniel 1	10449	10301	10136	3.07
Daniel 2	10089	9961	9786	2.32

* From page 5, Schedule 3 of Exhibit to G. D. Fontaine's January 18, 1994 GPIF testimony in Docket 940001-EI.

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

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

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

If [(2) - (3) + 75] < 0 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 1996 - September 1996

Unit	Availability Points	Availability* Weighting Factor	Heat Rate Points	Heat Rate* Weighting Factor
Crist 6	-5.50	0.019	-5.15	0.080
Crist 7	10.00	0.035	-1.51	0.192
Smith 1	10.00	0.012	0.00	0.075
Smith 2	10.00	0.015	-6.67	0.097
Daniel 1	-10.00	0.036	3.07	0.181
Daniel 2	10.00	0.041	2.32	0.218

Company GPIF Points = - 5.50 • 0.019 - 5.15 • 0.080
+ 10.00 • 0.035 - 1.51 • 0.192
+ 10.00 • 0.012 + 0.00 • 0.075
+ 10.00 • 0.015 - 6.67 • 0.097
- 10.00 • 0.036 + 3.07 • 0.181
+ 10.00 • 0.041 + 2.32 • 0.218
0.28

Company reward/penalty = 0.28 points • $81898 per point
= $22,931

* From page 5, Schedule 3 of Exhibit to G. D. Fontaine's January 18, 1996 GPIF testimony in Docket 940001-EI.

V. GPIF MINIMUM FILING REQUIREMENTS FOR THE APRIL 1994 - SEPTEMBER 1994 PERIOD

CONTENTS

Generating Performance Incentive Factor

Actual Reward/Penalty Table

Gulf Power Company

Period of: April 1994 - September 1994

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	3439	819
+ 9	3095	737
+ 8	2751	655
+ 7	2407	573
+ 6	2063	491
+ 5	1720	409
+ 4	1376	328
+ 3	1032	246
+ 2	688	164
+ 1	344	82
0	0	0
- 1	-354	-82
- 2	-709	-164
- 3	-1063	-246
- 4	-1418	-328
- 5	-1772	-409
- 6	-2125	-491
- 7	-2481	-573
- 8	-2835	-655
- 9	-3190	-737
- 10	-3544	-819
	Minimum Attainable Fuel Loss	Maximum Incentive Dollars Allowed by Commission During Period (Penalty)

Issued by: T. J. Bowden

Filed: November 14, 1994
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Docket No.: 940001-EI
Order No.:

Generating Performance Incentive Factor

Calculation of Maximum Allowed Incentive Dollars

Actual

Gulf Power Company

Period of: April 1994 - September 1994

Line 1	Beginning of Period Balance of Common Equity	
	End of Month Balance of Common Equity:	
Line 2	Month of Apr '94	$413,367,328
Line 3	Month of May '94	
Line 4	Month of Jun '94	$401,922,129
Line 5	Month of Jul '94	$404,551,766
Line 6	Month of Aug '94	$411,248,972
Line 7	Month of Sep '94	$406,689,939
Line 8	Average Common Equity for the Period (sum of line 1 through line 7 divided by 7)	$414,639,138
Line 9	25 Basis Points	$422,078,921
Line 10	Revenue Expansion Factor	$410,642,599
Line 11	Maximum Allowed Incentive Dollars (line 8 multiplied by line 9 divided by line 10 multiplied by 0.5)	0.0025
Line 12	Jurisdictional Sales (KWH)	60.4524%
Line 13	Total Territorial Sales (KWH)	$849,103
Line 14	Jurisdictional Separation Factor (line 12 divided by line 13)	4,437,606,751
Line 15	Maximum Allowed Jurisdictional Incentive Dollars (line 11 multiplied by line 14)	6,600,834,097
		96.4522%
		$818,979

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Calculation of System Actual GPIF Points

Gulf Power Company

Period of: April 1994 - September 1994

Plant & Unit	Performance Indicator (EAF or ANOHR)	Weighting Factor	Unit Points	Weighted Unit Points
Crist 6	EAF1	1.9%	-5.50	-0.105
Crist 6	ANOHR1	8.0%	-5.15	-0.412
Crist 7	EAF2	3.5%	10.00	0.350
Crist 7	ANOHR2	19.2%	-1.51	-0.290
Smith 1	EAF3	1.2%	10.00	0.120
Smith 1	ANOHR3	7.5%	0.00	0.000
Smith 2	EAF4	1.5%	10.00	0.150
Smith 2	ANOHR4	9.7%	-6.67	-0.647
Daniel 1	EAF5	3.6%	-10.00	-0.360
Daniel 1	ANOHR5	18.1%	3.07	0.556
Daniel 2	EAF6	4.1%	10.00	0.410
Daniel 2	ANOHR6	21.8%	2.32	0.506
Gulf Power GPIF Total		100.1%		0.28

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: April 1994 - September 1994

Criet 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	65	69.20	+ 10	274	10,079
+ 9	59	68.94	+ 9	247	10,103
+ 8	52	68.68	+ 8	219	10,126
+ 7	46	68.42	+ 7	192	10,150
+ 6	39	68.16	+ 6	164	10,174
+ 5	33	67.90	+ 5	137	10,198
+ 4	26	67.64	+ 4	110	10,221
+ 3	20	67.38	+ 3	82	10,245
+ 2	13	67.12	+ 2	55	10,269
+ 1	7	66.86	+ 1	27	10,292
0	0	66.60	0	0	10,316
- 1	(9)	66.20	- 1	0	10,391
- 2	(18)	65.80	- 2	(27)	10,466
- 3	(27)	65.40	- 3	(55)	10,490
- 4	(36)	65.00	- 4	(82)	10,513
- 5	(46)	64.60	- 5	(110)	10,537
- 6	(55)	64.20	- 6	(137)	10,561
- 7	(64)	63.80	- 7	(164)	10,585
- 8	(73)	63.60	- 8	(192)	10,608
- 9	(82)	63.00	- 9	(219)	10,632
- 10	(91)	62.60	- 10	(247)	10,656
				(274)	10,679
Weighting Factor:		0.019	Weighting Factor:		10,703
					0.080

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Docket No.: 940001-EI
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Generating Performance Incentive Points Table

Gulf Power Company

Period of: April 1994 - September 1994

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	120	87.50	+ 10	659	9,924
+ 9	108	86.96	+ 9	593	9,947
+ 8	96	86.42	+ 8	527	9,970
+ 7	84	85.88	+ 7	461	9,994
+ 6	72	85.34	+ 6	395	10,017
+ 5	60	84.80	+ 5	330	10,040
+ 4	48	84.26	+ 4	264	10,063
+ 3	36	83.72	+ 3	198	10,086
+ 2	24	83.18	+ 2	132	10,110
+ 1	12	82.64	+ 1	66	10,133
0	0	82.10	0	0	10,156
				0	10,231
- 1	(17)	81.30	- 1	0	10,306
- 2	(35)	80.50	- 2	(66)	10,329
- 3	(52)	79.70	- 3	(132)	10,352
- 4	(70)	78.90	- 4	(198)	10,376
- 5	(87)	78.10	- 5	(264)	10,399
- 6	(104)	77.30	- 6	(330)	10,422
- 7	(122)	76.50	- 7	(395)	10,445
- 8	(139)	75.70	- 8	(461)	10,468
- 9	(157)	74.90	- 9	(527)	10,492
- 10	(174)	74.10	- 10	(593)	10,515
				(659)	10,538
Weighting Factor:		0.035	Weighting Factor:		0.192

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Suspended:
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Docket No.: 940001-EI
Order No.:

Generating Performance Incentive Points Table

Gulf Power Company

Period of: April 1996 - September 1996

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	42	82.60	+ 10	259	9,857
+ 9	38	82.42	+ 9	233	9,880
+ 8	34	82.24	+ 8	207	9,903
+ 7	29	82.06	+ 7	181	9,926
+ 6	25	81.88	+ 6	155	9,949
+ 5	21	81.70	+ 5	130	9,972
+ 4	17	81.52	+ 4	104	9,995
+ 3	13	81.34	+ 3	78	10,018
+ 2	8	81.16	+ 2	52	10,041
+ 1	4	80.98	+ 1	26	10,064
0	0	80.80	0	0	10,087
- 1	(5)	80.52		0	10,162
- 2	(10)	80.26	- 1	(26)	10,237
- 3	(16)	79.96	- 2	(52)	10,260
- 4	(21)	79.68	- 3	(78)	10,283
- 5	(26)	79.40	- 4	(104)	10,306
- 6	(31)	79.12	- 5	(130)	10,329
- 7	(36)	78.84	- 6	(155)	10,352
- 8	(42)	78.56	- 7	(181)	10,375
- 9	(47)	78.28	- 8	(207)	10,398
- 10	(52)	78.00	- 9	(233)	10,421
			- 10	(259)	10,444
Weighting Factor:		0.012	Weighting Factor:		10,467
					0.075

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: April 1994 - September 1994

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	53	93.60	+ 10	333	9,886
+ 9	48	93.32	+ 9	300	9,909
+ 8	42	93.04	+ 8	266	9,932
+ 7	37	92.76	+ 7	233	9,955
+ 6	32	92.48	+ 6	200	9,978
+ 5	27	92.20	+ 5	167	10,002
+ 4	21	91.92	+ 4	133	10,025
+ 3	16	91.64	+ 3	100	10,048
+ 2	11	91.36	+ 2	67	10,071
+ 1	5	91.08	+ 1	33	10,094
				0	10,117
0	0	90.80	0	0	10,192
				0	10,267
- 1	(7)	90.39	- 1	(33)	10,290
- 2	(14)	89.98	- 2	(67)	10,313
- 3	(21)	89.57	- 3	(100)	10,336
- 4	(28)	89.16	- 4	(133)	10,359
- 5	(35)	88.75	- 5	(167)	10,383
- 6	(41)	88.34	- 6	(200)	10,406
- 7	(48)	87.93	- 7	(233)	10,429
- 8	(55)	87.52	- 8	(266)	10,452
- 9	(62)	87.11	- 9	(300)	10,475
- 10	(69)	86.70	- 10	(333)	10,498
Weighting Factor:		0.015	Weighting Factor:		0.097

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Filed: November 14, 1994
Suspended:
Effective: November 14, 1994
Docket No.: 940001-EI
Order No.:

Generating Performance Incentive Points Table

Gulf Power Company

Period of: April 1994 - September 1994

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	124	88.00	+ 10	622	10,136
+ 9	112	87.88	+ 9	560	10,160
+ 8	99	87.76	+ 8	498	10,184
+ 7	87	87.64	+ 7	435	10,207
+ 6	74	87.52	+ 6	373	10,231
+ 5	62	87.40	+ 5	311	10,255
+ 4	50	87.28	+ 4	249	10,279
+ 3	37	87.16	+ 3	187	10,303
+ 2	25	87.04	+ 2	124	10,326
+ 1	12	86.92	+ 1	62	10,350
0	0	86.80	0	0	10,374
				0	10,449
- 1	(13)	86.63		0	10,524
- 2	(26)	86.46	- 1	(62)	10,548
- 3	(40)	86.29	- 2	(124)	10,572
- 4	(53)	86.12	- 3	(187)	10,595
- 5	(66)	85.95	- 4	(249)	10,619
- 6	(79)	85.78	- 5	(311)	10,643
- 7	(92)	85.61	- 6	(373)	10,667
- 8	(106)	85.44	- 7	(435)	10,691
- 9	(119)	85.27	- 8	(498)	10,716
- 10	(132)	85.10	- 9	(560)	10,738
			- 10	(622)	10,762
Weighting Factor:		0.036	Weighting Factor:		0.181

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Order No.:

Generating Performance Incentive Points Table

Gulf Power Company

Period of: April 1994 - September 1994

Daniel 2

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability
+ 10	160	97.80
+ 9	126	97.70
+ 8	112	97.60
+ 7	98	97.50
+ 6	84	97.40
+ 5	70	97.30
+ 4	56	97.20
+ 3	42	97.10
+ 2	28	97.00
+ 1	14	96.90
0	0	96.80
- 1	(13)	96.66
- 2	(26)	96.52
- 3	(39)	96.38
- 4	(52)	96.24
- 5	(66)	96.10
- 6	(79)	95.96
- 7	(92)	95.82
- 8	(105)	95.68
- 9	(118)	95.54
- 10	(131)	95.40
Weighting Factor:		0.041

Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	748	9,786
+ 9	673	9,809
+ 8	598	9,832
+ 7	524	9,854
+ 6	449	9,877
+ 5	374	9,900
+ 4	299	9,923
+ 3	224	9,946
+ 2	150	9,968
+ 1	75	9,991
0	0	10,014
- 1	0	10,089
- 2	0	10,164
- 3	(75)	10,187
- 4	(150)	10,210
- 5	(224)	10,232
- 6	(299)	10,255
- 7	(374)	10,278
- 8	(449)	10,301
- 9	(524)	10,324
- 10	(598)	10,346
	(673)	10,369
	(748)	10,392
Weighting Factor:		0.218

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Effective: November 14, 1994
Docket No.: 940001-EI
Order No.:

GPIF Unit Performance Summary

Gulf Power Company

Period of: April 1994 - September 1994

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	1.9	66.6	69.2	62.6	65	-91	64.4	($50)
Crist 7	3.5	82.1	87.5	74.1	120	-174	90.8	$120
Smith 1	1.2	80.8	82.6	78.0	42	-52	85.0	$42
Smith 2	1.5	90.8	93.6	86.7	53	-69	98.4	$53
Daniel 1	3.6	86.8	88.0	85.1	124	-132	84.8	($132)
Daniel 2	4.1	96.8	97.8	95.4	140	-131	97.8	$140
Total:	15.8							

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	8.0	10,391	75.4	10,703	10,079	$274	($274)	10,588	($141)
Crist 7	19.2	10,231	79.7	10,538	9,924	$659	($659)	10,341	($100)
Smith 1	7.5	10,162	97.7	10,467	9,857	$259	($259)	10,143	$0
Smith 2	9.7	10,192	95.3	10,498	9,886	$333	($333)	10,421	($222)
Daniel 1	18.1	10,449	61.4	10,762	10,136	$622	($622)	10,301	$191
Daniel 2	21.8	10,089	66.2	10,392	9,786	$748	($748)	9,961	$174
Total:	84.3								

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Filed: November 14, 1994
Suspended:
Effective: November 14, 1994
Docket No.: 940001-EI
Order No.:

Actual Unit Performance Data

Gulf Power Company

Period of: April 1994 - September 1994

Plant & Unit	Actual EAF %	Adjustments* to EAF %	Adjusted Actual %
Crist 6	61.8	2.6	64.4
Crist 7	91.5	-0.7	90.8
Smith 1	72.0	13.0	85.0
Smith 2	98.4	0.0	98.4
Daniel 1	91.7	-6.9	84.8
Daniel 2	97.9	-0.1	97.8

Plant & Unit	Actual ANOHR BTU/KWH	Adjustments** to ANOHR BTU/KWH	ANOHR Adjusted Actual BTU/KWH
Crist 6	10,925	-337	10,588
Crist 7	10,498	-157	10,341
Smith 1	10,219	-76	10,143
Smith 2	10,459	-38	10,421
Daniel 1	10,267	34	10,301
Daniel 2	9,987	-26	9,961

* Refer to pages 3 through 8, Schedule 2.

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

Issued by: T. J. Bowden

Filed: November 14, 1994
Suspended:
Effective: November 14, 1994
Docket No.: 940001-EI
Order No.:

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1994 - September 1994

	CRIST 6	Apr '94	May '94	Jun '94	Jul '94	Aug '94	Sep '94	Total
1.	EAF (%)	0.0	16.7	79.6	74.6	99.8	99.9	61.8
2.	PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3.	SH	0.0	127.5	630.1	613.5	717.6	466.4	2555.1
4.	RSH	0.0	0.0	0.0	0.0	26.4	253.6	280.0
5.	UH	719.0	616.5	89.9	130.5	0.0	0.0	1555.9
6.	POH	719.0	539.6	0.0	0.0	0.0	0.0	1258.6
7.	FOH	0.0	17.1	36.0	59.7	0.0	0.0	110.8
8.	MOH	0.0	59.8	55.9	70.8	0.0	0.0	186.5
9.	PFOH	0.0	9.3	185.0	172.4	5.3	2.9	374.9
10.	LR pf (MW)	0.0	113.4	97.1	106.9	99.9	61.6	101.8
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.	MSC (MW)	317.0	317.0	317.0	317.0	317.0	317.0	317.0
14.	Oper MBtu	0	178879	1408001	1271126	1551581	930596	5340183
15.	Net Gen (MWH)	0	15365	128666	113640	145726	85409	488806
16.	ANOHR (Btu/KWH)	0	11642	10943	11186	10647	10896	10925
17.	NOF %	0.0	38.0	64.4	58.4	64.1	57.8	60.3
18.	NPC (MW)	317.0	317.0	317.0	317.0	317.0	317.0	317.0

19.	ANOHR Equation	10^6 / AKV * [313.41 * 47.43 * JAN - 32.04 * OCT] * 9,080

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Docket No.: 940001-EI
Order No.:

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD Of: April 1996 - September 1996

	CRIST 7	Apr '96	May '96	Jun '96	Jul '96	Aug '96	Sep '96	Total
1.	EAF (%)	79.3	83.0	91.6	99.0	96.1	99.8	91.5
2.	PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3.	SH	637.6	625.2	670.0	744.0	718.0	394.0	3788.8
4.	RSH	0.0	0.0	0.0	0.0	0.0	326.0	326.0
5.	UH	81.6	118.8	50.0	0.0	26.0	0.0	276.2
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.	FOH	81.6	57.0	50.0	0.0	26.0	0.0	214.6
8.	MOH	0.0	61.8	0.0	0.0	0.0	0.0	61.8
9.	PFOH	81.9	90.6	102.3	64.8	15.7	5.4	360.7
10.	LR pf (MW)	261.2	42.3	50.1	57.6	89.1	122.7	100.2
11.	PMOH	162.5	0.0	0.0	0.0	0.0	0.0	142.5
12.	LR pm (MW)	88.0	0.0	0.0	0.0	0.0	0.0	88.0
13.	NSC (MW)	504.0	504.0	504.0	504.0	504.0	504.0	504.0
14.	Oper MBtu	2542129	2633202	2619560	2690816	2554312	1122213	14162212
15.	Net Gen (MWH)	246470	256183	249713	253253	239728	103698	1349045
16.	ANOHR (Btu/KWH)	10314	10279	10490	10625	10655	10822	10498
17.	NOF %	76.7	81.3	73.9	67.5	66.2	52.2	70.6
18.	NPC (MW)	504.0	504.0	504.0	504.0	504.0	504.0	504.0

19.	ANOHR Equation	10^6 / AKW * [-231.40 - 59.47 * MAR - 127.01 * APR + 60.00 * JUL + 56.40 * AUG] + 14,058 - 0.00753 * LSRF / AKW

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Docket No.: 940001-EI
Order No.:

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1996 - September 1996

	SMITH 1	Apr '96	May '96	Jun '96	Jul '96	Aug '96	Sep '96	Total
1.	EAF (%)	0.0	38.0	99.9	96.4	99.5	97.2	72.0
2.	PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3.	SH	0.0	284.2	720.0	717.8	744.0	702.5	3168.5
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	719.0	459.8	0.0	26.2	0.0	17.5	1222.5
6.	POH	719.0	442.9	0.0	0.0	0.0	0.0	1161.9
7.	FOH	0.0	16.9	0.0	26.2	0.0	17.5	60.6
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	PFOH	0.0	1.9	3.3	1.0	7.0	6.1	19.3
10.	LR pf (MW)	0.0	80.8	24.7	134.9	52.2	75.7	62.0
11.	PMOH	0.0	1.2	0.0	0.0	6.0	0.0	7.2
12.	LR pm (MW)	0.0	29.0	0.0	0.0	38.0	0.0	36.5
13.	MSC (MW)	161.0	161.0	161.0	161.0	161.0	161.0	161.0
14.	Oper MBtu	0	427345	1072961	1009264	1081783	985527	4576880
15.	Net Gen (MWH)	0	41917	106375	97927	105534	96116	447869
16.	ANOHR (Btu/KWH)	0	10195	10087	10306	10251	10254	10219
17.	NOF %	0.0	91.6	91.8	84.7	88.1	85.0	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 * [295.15 + 12.03 * JAN + 17.52 * MAR - 14.12 * OCT - 15.05 * NOV] + 6,097 + 0.01382 * LSRF / AKW

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Docket No.: 960001-EI
Order No.:

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1994 - September 1994

	SMITH 2	Apr '94	May '94	Jun '94	Jul '94	Aug '94	Sep '94	Total
1.	EAF (%)	99.8	95.4	99.8	95.5	99.9	100.0	98.6
2.	PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3.	SH	719.0	714.2	720.0	710.5	744.0	720.0	4327.7
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	0.0	29.8	0.0	33.5	0.0	0.0	63.3
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.	FOH	0.0	29.8	0.0	33.5	0.0	0.0	63.3
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	PFOH	10.9	18.7	2.0	0.3	5.0	1.1	38.0
10.	LR pf (MW)	22.8	32.6	30.5	144.3	23.7	22.0	29.1
11.	PMOH	0.0	13.5	2.8	0.0	0.7	0.0	17.0
12.	LR pm (MW)	0.0	22.0	85.7	0.0	28.0	0.0	32.7
13.	NSC (MW)	191.0	191.0	191.0	191.0	191.0	191.0	191.0
14.	Oper MBtu	1333540	1268780	1257837	1145952	1247901	1079458	7333468
15.	Net Gen (MWH)	127575	121943	119686	109294	118640	104008	701146
16.	ANOHR (Btu/KWH)	10453	10405	10509	10485	10518	10379	10459
17.	NOF %	92.9	89.6	87.0	80.5	83.5	75.6	84.8
18.	NPC (MW)	191.0	191.0	191.0	191.0	191.0	191.0	191.0

19.	ANOHR Equation	10^6 / AKW * [333.12 + 24.79 * MAR + 20.35 * JUN] + 5,298 + 0.01661 * LSRF / AKW

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Docket No.: 940001-EI
Order No.:

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1996 - September 1996

	DANIEL 1	Apr '96	May '96	Jun '96	Jul '96	Aug '96	Sep '96	Total
1.	EAF (%)	79.9	97.3	99.2	95.0	99.7	77.7	91.7
2.	PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3.	SH	612.7	744.0	720.0	707.4	744.0	575.3	4103.4
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	106.3	0.0	0.0	36.6	0.0	144.7	287.6
6.	POH	88.1	0.0	0.0	0.0	0.0	0.0	88.1
7.	FOH	18.2	0.0	0.0	0.0	0.0	2.4	20.6
8.	MOH	0.0	0.0	0.0	36.6	0.0	142.3	178.9
9.	PFOH	161.4	121.9	18.8	15.2	18.7	38.7	374.7
10.	LR pf (MW)	101.5	84.3	155.1	19.6	56.7	212.7	104.4
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)	430.0	510.0	510.0	510.0	510.0	510.0	496.7
14.	Oper MBtu	2418879	2171751	1834827	1790168	2710514	2181924	13108043
15.	Net Gen (MWH)	240406	212304	175221	170401	266041	212353	1276726
16.	ANOHR (Btu/KWH)	10062	10229	10472	10506	10188	10275	10267
17.	NOF %	91.2	56.0	47.7	47.2	70.1	72.4	62.6
18.	NPC (MW)	430.0	510.0	510.0	510.0	510.0	510.0	496.7

19. ANOHR Equation: 10^6 / AKW * [218.79 + 64.88 * MAR + 98.95 * MAY]
+ 9,690

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Order No.:

ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: April 1996 - September 1996

	DANIEL 2	Apr '96	May '96	Jun '96	Jul '96	Aug '96	Sep '96	Total
1.	EAF (%)	99.4	96.6	99.9	99.7	92.7	99.6	97.9
2.	PH	719.0	744.0	720.0	744.0	744.0	720.0	4391.0
3.	SH	719.0	591.8	695.9	684.0	696.0	720.0	4106.7
4.	RSH	0.0	152.2	24.1	60.0	0.0	0.0	236.3
5.	UH	0.0	0.0	0.0	0.0	48.0	0.0	48.0
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.	FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	MOH	0.0	0.0	0.0	0.0	48.0	0.0	48.0
9.	PFOH	38.4	192.2	9.4	28.2	40.5	28.8	337.5
10.	LR pf (MW)	45.7	67.9	35.0	40.1	84.1	46.8	62.3
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	510.0	510.0	510.0	510.0	510.0	496.7
14.	Oper MBtu	3062412	1908785	2003554	1993115	2777689	2764034	14509589
15.	Net Gen (MWH)	309614	193274	196539	201694	277607	274155	1452883
16.	ANOHR (Btu/KWH)	9891	9876	10194	9882	10006	10082	9987
17.	NOF %	100.1	64.0	55.4	57.8	78.2	74.7	71.2
18.	NPC (MW)	430.0	510.0	510.0	510.0	510.0	510.0	496.7
19.	ANOHR Equation	10^6 / AKW * [89.26 - 89.43 * MAR - 57.63 * APR - 50.59 * MAY + 49.53 * SEP] + 10,947 - 0.00264 * LSRF / AKW						

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Docket No.: 940001-EI
Order No.:

Planned Outage Schedules (Actual)

Period of: April 1994 - September 1994

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. 940001-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 9 day of December, 1994.

Peggy Allen Wilson
Notary Public, State of Florida at Large
PEGGY ALLEN WILSON
"Notary Public-State of Florida"
My Commission expires July 29, 1997
CC303770

Commission Number: _____

Commission Expires: _____