ORIGINAL

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GULF POWER
A SOUTHERN COMPANY

March 31, 2000

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:

Enclosed for official filing in Docket No. 000001-EI are an original and ten copies of the following:

1. Prepared direct testimony and exhibit of M. F. Oaks. 04046-00
2. Prepared direct testimony and exhibit of J. R. Douglass. 04047-00
3. Prepared direct testimony of M. W. Howell. 04048-00
4. Prepared direct testimony and exhibit of T. A. Davis. 04049-00

Sincerely,

Susan D. Ritenour

Susan D. Ritenour
Assistant Secretary and Assistant Treasurer

AFA
APP
CAF
CMU
CTR
EAG
LEG 1
MAS 3 Trgs
OPC
RRR
SEC 1
WAW
OTH

lw

Enclosures

cc: Beggs and Lane
Jeffrey A. Stone, Esquire

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

IN RE: Fuel and Purchased Power Cost Recovery Clause with Generating Performance Incentive Factor

Docket No. 000001-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 31st day of March 2000 on the following:

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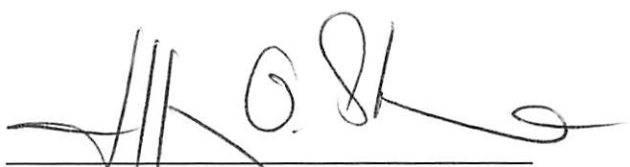

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ORIGINAL

GULF POWER COMPANY
TESTIMONY AND EXHIBITS OF
J. R. DOUGLASS

GENERATING PERFORMANCE INCENTIVE FACTOR

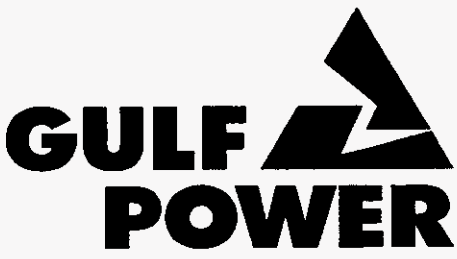
RESULTS FOR

JANUARY 1999 - DECEMBER 1999

Before

THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 000001-EI



A SOUTHERN COMPANY

GULF POWER COMPANY
Before the Florida Public Service Commission
Direct Testimony of
J. R. Douglass
Docket No. 000001-EI
Date of Filing April 3, 2000

Q. Please state your name, address and occupation.

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

Q. Please describe your educational and business background.

A. I received my Bachelor of Aviation Management Degree from Auburn University in 1989. Following graduation, I served as a commissioned officer in the U.S. Navy filling several shipboard roles including Electrical Division Officer, Engineering Officer of the Watch, and Deck Division Officer. After serving in the Navy, I worked in the Generation Planning and Development Department of Southern Company Services as a System Planning Analyst for six years and, as I previously stated, my current position is Performance Test Specialist at Gulf Power Company.

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

A. Yes, sir.

Q. Mr. Douglass, 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 January 1, 1999, through December 31, 1999.

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

A. Yes, it was.

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

Q. Mr. Douglass, are there any issues related to the GPIF targets for this period that were filed with the

Commission on October 5, 1998 in Docket 980001-EI which require clarification or amendment in this filing?

A. Yes, two (2) issues were discovered during the preparation of this filing that required changes in these results.

Q. Please describe the first issue and any changes made in order to account for it?

A. The first issue was the discovery of a typographical error and resulting calculation error in the GPIF target filing dated October 5, 1998. This error can be found on line 17 of page 4 in Schedule 3 of Exhibit (GDF-2). On this line in the target filing, the description states that the Estimated Maximum Allowed Incentive Dollars were multiplied by a factor of 0.5 to produce a number of $872,285 for the 1999 annual period. The use of this 0.5 factor was intended to adjust the Estimated Incentive Dollars to a six-month period. However, since this was an annual target filing, the factor should have been 1.0 resulting in an Estimated Maximum Allowed Incentive Dollar amount of $1,774,571 which would have been correct for the full twelve-month period.

In order to correct this error in the current filing, I have used the 1.0 factor along with the

updated actual Common Equity numbers for 1999 in all calculations found in my exhibit ___(JRD-1). The updated Actual Maximum Allowed Incentive Dollars amount for the 1999 period is $1,729,692 and can be found on line 17 of page 4 in Schedule 5 of exhibit ___(JRD-1). All other values that are calculated from this number, including the Actual Maximum Allowed Jurisdictional Incentive Dollars, Incentive Dollars per Point, and the Company Reward/Penalty are also corrected by this change. Please note that this correction does not change the targets themselves or the actual GPIF performance and points for Gulf Power. It simply changes the Incentive Dollars and the resulting Company Reward/Penalty to the correct amount for the annual vs. the semi-annual period.

Q. Please describe the second issue and any changes made in order to account for it?

A. The second issue is related to changes in the type of coal burned at Plant Daniel's Units 1 and 2 during 1999. These units, which had been burning a low-BTU sub-bituminous western coal for several years switched to a blend of approximately 80% high-BTU bituminous western and 20% low-BTU sub-bituminous western coal during the months of May through September 1999. The

heat rate targets filed in October 1998 for this period used historical data that were based only on the low-BTU coal burned in the last several years. At the time of the October 1998 filing, the coal type, amounts, and dates for burning the new coal blend were not certain.

When burning the mostly high-BTU coal, Plant Daniel's heat rates were lower than the targets set using the historical low-BTU coal. Consequently, there is no reasonable way to determine what portion of the lower heat rates for those units was due to generating performance and what portion was due to the higher-BTU coal. In accordance with past commission orders, Gulf has excluded Plant Daniel Units 1 and 2 from the GPIF heat rate calculations for the months when the high-BTU coal was burned. This was accomplished by setting the units ANOHR (Average Net Operating Heat Rate) equal to the target ANOHR at Actual Conditions as seen on lines 2 and 4 of pages 12 and 13 of Schedule 3 for each month of May through September 1999. This results in producing neither a reward nor a penalty for ANOHR for these two units for May though September of 1999.

It should be noted that, for the year 2000 and future GPIF filings, this situation has been accounted for and should no longer result in exclusion of units from the GPIF when adequate data is available. This was

accomplished by the addition of a new BTU/LB independent variable to the target heat rate equations for Plant Daniel Units 1 and 2 as described in the year 2000 GPIF target filing dated October 1, 1999. This addition was subsequently stipulated and approved in Commission order PSC-99-2512-FOF-EI.

Q. Mr. Douglass, before reviewing the GPIF Results for Gulf's units, is there any other 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 that 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 25 of Schedule 5 incorporate these changes. The data contained on these tables is the data upon which the GPIF calculation was made.

Q. Mr. Douglass, 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-98-1539-PHO-EI is on page 9 of Schedule 2. The results are: Crist 6, +10.00 points; Crist 7, +9.70 points; Smith 1, -10.00 points; Smith 2, +10.00 points; Daniel 1, -7.84 points, and Daniel 2, -10.00 points.

Q. Mr. Douglass, 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. As mentioned earlier, for Daniel Units 1 and 2, the actual average net operating heat rates have been set equal to the target heat rates at actual conditions for the months of May through September.

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 October 1998, are shown on page 15 of Schedule 3.

As calculated on page 16 of Schedule 3, the adjusted actual average net operating heat rates correspond to GPIF unit heat rate points of: +0.86 for Crist 6, 0.00 for Crist 7; +6.58 for Smith 1, +4.42 for Smith 2; 0.00 for Daniel 1; and 0.00 for Daniel 2.

Q. Mr. Douglass, 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 +1.10 as indicated on page 2 of Schedule 4. This calculated to a reward in the amount of $183,842.

Q. Mr. Douglass, 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 $183,842 as provided for by the GPIF plan.

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

A. Yes, Sir.

Florida Public Service Commission
Docket No. 000001-EI
Gulf Power Company
Witness: J. R. Douglass
Exhibit No. ___ (JRD-1)

EXHIBIT TO THE TESTIMONY OF

J. R. DOUGLASS

IN FPSC DOCKET 000001-EI

I. CORRECTIONS TO REPORTED DATA FOR THE JANUARY 1999 - DECEMBER 1999 PERIOD

Additions and Corrections to Outages Previously Reported
for the January 1999 - December 1999 Period

Date	Unit	Change	Outage Type	Hours	MW	Description
03/99	Daniel 1	Removed	PFOH	80.1	110.0	Event was Included in March PFOH Calculation in Error
04/99	Smith 1	LR pf	PFOH	18.9	62.0	Originally Reported as 12 MW

II. CALCULATIONS OF EQUIVALENT AVAILABILITY POINTS

Comparison of Forecast and Actual Planned Outages
for January 1999 - December 1999

Unit	Note	Forecast Planned Outage Schedule	Forecast Hours*	Actual Planned Outage Schedule	Actual Hours*
Crist 6	1	03/06/99 - 03/28/99	552.0	04/03/99 - 04/23/99	479.4
Crist 7	2	01/30/99 - 02/21/99	552.0	01/30/99 - 02/22/99	571.6
Smith 1	3	02/06/99 - 04/18/99	1727.0	02/04/99 - 04/13/99	1650.5
Smith 1	4	09/25/99 - 10/03/99	216.0	09/24/99 - 10/02/99	175.9
Smith 2	5	05/15/99 - 05/30/99	384.0	05/07/99 - 05/22/99	339.8
Smith 2	6	11/13/99 - 11/21/99	216.0	11/12/99 - 11/20/99	176.1
Daniel 1	7	03/27/99 - 04/25/99	719.0	04/03/99 - 04/10/99	183.5
Daniel 1	8	09/18/99 - 09/26/99	216.0	09/18/99 - 09/26/99	204.9
Daniel 2	9	02/06/99 - 04/18/99	1727.0	02/05/99 - 04/19/99	1751.4

* Planned outage hours in the January 1999 - December 1999 period only.

Notes:

1. The outage date was changed subsequent to the target filing and it proceeded as scheduled.
2. This outage proceeded as scheduled.
3. The outage date was changed subsequent to the target filing and it proceeded as scheduled.
4. This outage proceeded as scheduled with all work being completed ahead of schedule.
5. The outage date was changed subsequent to the target filing and it proceeded as scheduled with all work being completed ahead of schedule.
6. This outage proceeded as scheduled with all work being completed ahead of schedule.
7. The outage date was changed and its length was shortened subsequent to the target filing and it proceeded as scheduled.
8. This outage proceeded as scheduled.
9. This outage proceeded as scheduled.

Calculation of Actual Equivalent Availability
for January 1999 - December 1999
Based on Target Planned Outage Hours
Crist 6

Results of Operations

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
FOH	0.0	0.0	55.8	0.0	9.7	0.0	
	0.0	3.7	0.0	0.0	70.6	0.0	139.8
EFOH	2.7	0.0	0.0	0.4	15.2	0.0	
	0.3	1.1	0.0	0.0	0.0	38.5	58.2
MOH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	59.7	0.0	0.0	0.0	59.7
EMOH	0.0	0.0	0.0	0.0	7.9	1.1	
	0.0	0.0	15.6	31.6	0.0	0.0	56.2
PH	744.0	672.0	744.0	719.0	744.0	720.0	
	744.0	744.0	720.0	745.0	720.0	744.0	8760.0
POH	0.0	0.0	0.0	479.4	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	479.4
RSH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(139.8 + 58.2 + 59.7 + 56.2)}{(8760.0 - 479.4 - 0.0)}$$

$$EUOR = 0.0379$$

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

Target POH* = 552.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(552.0 + 0.0379\ (8760.0 - 552.0 - 0.0))}{8760.0} \right] \times 100 = 90.1\ \%$$

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

Calculation of Actual Equivalent Availability
for January 1999 - December 1999
Based on Target Planned Outage Hours
Crist 7

Results of Operations

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
FOH	0.0	0.0	90.6	137.0	0.0	48.5	
	0.0	0.0	0.0	15.9	0.0	116.3	408.3
EFOH	7.9	0.4	5.5	4.5	2.1	2.3	
	1.7	1.1	0.0	0.0	2.0	2.0	29.5
MOH	56.2	0.0	0.0	0.0	0.0	41.6	
	1.5	102.1	0.0	56.5	0.0	0.0	257.9
EMOH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PH	744.0	672.0	744.0	719.0	744.0	720.0	
	744.0	744.0	720.0	745.0	720.0	744.0	8760.0
POH	48.6	523.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	571.6
RSH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(408.3 + 29.5 + 257.9 + 0.0)}{(8760.0 - 571.6 - 0.0)}$$

$$EUOR = 0.0850$$

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

Target POH* = 552.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(552.0 + 0.0850\ (8760.0 - 552.0 - 0.0))}{8760.0} \right] \times 100 = 85.7\ \%$$

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

Calculation of Actual Equivalent Availability
for January 1999 - December 1999
Based on Target Planned Outage Hours
Smith 1

Results of Operations

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
FOH	25.0	30.8	0.0	100.1	0.0	0.0	
	64.3	0.0	7.8	0.0	0.0	0.0	228.0
EFOH	1.1	0.2	0.0	15.7	1.0	1.3	
	2.3	0.0	0.0	0.5	0.7	1.3	24.1
MOH	0.0	0.0	0.0	4.7	118.6	0.0	
	0.0	0.0	0.0	0.0	1.4	0.0	124.7
EMOH	4.1	0.0	0.0	5.3	0.0	0.0	
	0.0	16.1	0.0	0.0	0.0	0.0	25.5
PH	744.0	672.0	744.0	719.0	744.0	720.0	
	744.0	744.0	720.0	745.0	720.0	744.0	8760.0
POH	0.0	600.0	744.0	306.5	0.0	0.0	
	0.0	0.0	149.1	26.8	0.0	0.0	1826.4
RSH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(228.0 + 24.1 + 124.7 + 25.5)}{(8760.0 - 1826.4 - 0.0)}$$

$$EUOR = 0.0580$$

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

Target POH* = 1943.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(1943.0 + 0.0580\ (8760.0 - 1943.0 - 0.0))}{8760.0} \right] \times 100 = 73.3\ \%$$

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

Calculation of Actual Equivalent Availability
for January 1999 - December 1999
Based on Target Planned Outage Hours
Smith 2

Results of Operations

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
POH	1.5	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	3.0	0.0	0.0	134.8	139.3
EFOH	1.0	0.0	0.0	0.0	0.0	0.8	
	0.7	2.4	4.2	0.6	0.0	0.0	9.7
MOH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	23.5	0.0	0.0	0.0	23.5
EMOH	2.4	0.0	0.0	0.0	0.0	0.0	
	1.1	24.1	0.0	0.0	0.0	1.2	28.8
PH	744.0	672.0	744.0	719.0	744.0	720.0	
	744.0	744.0	720.0	745.0	720.0	744.0	8760.0
POH	0.0	0.0	0.0	0.0	339.8	0.0	
	0.0	0.0	0.0	0.0	176.1	0.0	515.9
RSH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(139.3 + 9.7 + 23.5 + 28.8)}{(8760.0 - 515.9 - 0.0)}$$

$$EUOR = 0.0244$$

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

Target POH* = 600.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(600.0 + 0.0244\ (8760.0 - 600.0 - 0.0))}{8760.0} \right] \times 100 = 90.9\ \%$$

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

Calculation of Actual Equivalent Availability
for January 1999 - December 1999
Based on Target Planned Outage Hours
Daniel 1

Results of Operations

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
FOH	179.1	15.8	166.2	0.0	18.2	0.0	
	0.0	0.0	65.8	0.0	115.1	76.9	637.1
EFOH	17.7	54.5	17.3	29.1	31.3	3.8	
	2.0	1.3	0.2	1.6	1.2	2.2	162.2
MOH	150.0	0.0	0.0	0.0	96.5	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	246.5
EMOH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.1	0.0	1.4	0.0	2.4	3.9
PH	744.0	672.0	744.0	719.0	744.0	720.0	
	744.0	744.0	720.0	745.0	720.0	744.0	8760.0
POH	0.0	0.0	0.0	183.5	0.0	0.0	
	0.0	0.0	204.9	0.0	0.0	0.0	388.4
RSH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(637.1 + 162.2 + 246.5 + 3.9)}{(8760.0 - 388.4 - 0.0)}$$

$$EUOR = 0.1254$$

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

Target POH* = 935.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(935.0 + 0.1254\ (8760.0 - 935.0 - 0.0))}{8760.0} \right] \times 100 = 78.1\ \%$$

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

Calculation of Actual Equivalent Availability
for January 1999 - December 1999
Based on Target Planned Outage Hours
Daniel 2

Results of Operations

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
FOH	39.3	0.0	0.0	63.9	0.0	9.5	
	0.6	37.3	79.9	0.0	89.7	0.0	320.2
EFOH	189.6	42.4	0.0	59.0	7.0	29.0	
	2.8	1.5	1.1	3.7	24.3	12.5	372.9
MOH	0.0	0.0	0.0	2.8	44.8	0.0	
	48.4	0.0	0.0	0.0	0.0	0.0	96.0
EMOH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	1.0	2.7	1.2	14.7	0.5	20.1
PH	744.0	672.0	744.0	719.0	744.0	720.0	
	744.0	744.0	720.0	745.0	720.0	744.0	8760.0
POH	0.0	554.6	744.0	452.8	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	1751.4
RSH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0

$$1.\ EUOR = \frac{(FOH + EFOH + MOH + EMOH)}{(PH - POH - RSH)} = \frac{(320.2 + 372.9 + 96.0 + 20.1)}{(8760.0 - 1751.4 - 0.0)}$$

$$EUOR = 0.1155$$

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

Target POH* = 1727.0

Target RSH* = 0.0

$$EA = \left[1 - \frac{(1727.0 + 0.1155\ (8760.0 - 1727.0 - 0.0))}{8760.0} \right] \times 100 = 71.0\ \%$$

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

Calculation of Equivalent Availability Points
for January 1999 - December 1999

(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	88.4	90.1	90.0	10.00
Crist 7	82.5	85.7	85.8	9.70
Smith 1	75.9	73.3	75.1	-10.00
Smith 2	88.8	90.9	90.1	10.00
Daniel 1	81.0	78.1	77.3	-7.84
Daniel 2	74.7	71.0	72.2	-10.00

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

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

*** If (3) > (2)

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

If (3) < (2)

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

Summary of Equivalent Availability Symbols

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

III. CALCULATION OF GPIF UNIT HEAT RATE POINTS

Calculation of Average Net Operating Heat Rate Points
for January 1999 - December 1999

Crist 6

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	121515.5	117874.3	130356.8	51495.6	127023.1	140297.9	
	167584.9	191268.9	130143.1	148644.9	129674.0	141206.0	1597085.0
BTU/Lb*	11833.7	11904.9	11915.8	11771.3	12038.6	11912.9	
	11943.8	11903.0	12117.6	12100.9	12110.9	11976.6	11969.9
Coal, MMBTU	1437978.0	1403281.8	1553305.6	606170.2	1529180.3	1671354.9	
	2001600.5	2276673.7	1577022.0	1798737.1	1570468.8	1691167.8	19116940.7
Oil, MMBTU	890.5	512.3	5073.9	1211.4	5622.7	1590.4	
	477.3	467.3	806.7	1353.4	584.9	1767.4	20358.2
Gas, MMBTU	0.0	0.0	1243.0	2331.0	1435.0	585.0	
	288.0	36.0	3947.0	0.0	1414.0	0.0	11279.0
Startup, MMBTU **	0.0	0.0	-4040.0	-4040.0	0.0	0.0	
	0.0	0.0	-4040.0	0.0	-4040.0	0.0	-16160.0
Total Fuel Consumption, MMBTU	1438868.5	1403794.1	1555582.5	605672.6	1536238.0	1673530.3	
	2002365.8	2277177.0	1577735.7	1800090.5	1568427.7	1692935.2	19132417.9
Net MWH Generation***	132650	128788	145890	57070	151329	163418	
	187498	221387	150056	169247	150981	167172	1825486
Average Net Operating Heat Rate	10847	10900	10663	10613	10152	10241	
	10679	10286	10514	10636	10388	10127	10481

* 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 January 1999 - December 1999

Crist 7

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	197300.5	46545.6	239746.9	218789.7	253284.8	217271.8	
	284701.9	248596.2	261609.1	244078.1	255862.6	223187.8	2690975.0
BTU/Lb*	11669.1	11957.7	11846.1	11961.1	12060.1	11877.3	
	11926.6	11915.2	11996.0	11935.3	12027.4	11963.7	11931.6
Coal, *MMBTU*	2302319.3	556578.3	2840065.8	2616965.5	3054640.0	2580602.4	
	3395525.7	2962073.4	3138262.8	2913145.3	3077361.8	2670151.9	32107692.2
Oil, MMBTU	0.0	15.8	269.1	118.1	31.5	82.9	
	11.1	26.9	7.0	431.8	48.3	70.7	1113.2
Gas, MMBTU	2556.0	4638.0	3120.0	4427.0	0.0	4249.0	
	0.0	3472.0	0.0	2620.0	0.0	6157.0	31239.0
Startup, MMBTU **	-2256.0	-2256.0	-4512.0	-6768.0	0.0	-4512.0	
	0.0	-4512.0	0.0	-2256.0	0.0	-4512.0	-31584.0
Total Fuel Consumption, MMBTU	2302619.3	558976.1	2838942.9	2614742.6	3054671.5	2580422.3	
	3395536.8	2961060.3	3138269.8	2913941.1	3077410.1	2671867.6	32108460.4
Net MWH Generation***	224939	52587	279681	257964	298853	257852	
	326247	288684	305606	279729	301775	262296	3136213
Average Net Operating Heat Rate	10237	10630	10151	10136	10221	10007	
	10408	10257	10269	10417	10198	10186	10238

* 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 January 1999 - December 1999

Smith 1

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	87032.8	4958.8	0.0	33288.9	73151.9	88909.7	
	84264.1	93053.1	65800.7	87633.3	88326.9	89773.8	796194.0
BTU/Lb*	11733.5	11064.2	0.0	11856.2	12152.8	12192.9	
	12298.9	12171.2	12272.6	12294.6	12420.7	12491.3	12203.3
Coal, MMBTU	1021199.4	54865.2	0.0	394679.9	889000.4	1084067.1	
	1036355.7	1132567.9	807545.7	1077416.4	1097081.9	1121391.5	9716171.1
Oil, MMBTU	2133.0	54.5	0.0	7414.0	2182.9	854.8	
	3386.0	1151.3	1329.4	1924.9	557.8	201.8	21190.4
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	-964.0	0.0	0.0	-1928.0	-1928.0	0.0	
	-1928.0	0.0	0.0	-964.0	0.0	0.0	-7712.0
Total Fuel Consumption, MMBTU	1022368.4	54919.7	0.0	400165.9	889255.3	1084921.9	
	1037813.7	1133719.2	808875.1	1078377.3	1097639.7	1121593.3	9729649.5
Net MWH Generation***	101650	5716	0	40530	90110	107604	
	103279	113019	81195	108318	110065	111503	972989
Average Net Operating Heat Rate	10058	9608	---	9873	9869	10083	
	10049	10031	9962	9956	9973	10059	10000

* 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 January 1999 - December 1999

Smith 2

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	112105.0	102011.5	115918.0	110746.4	60572.7	109063.8	
	112994.8	108132.0	102308.5	113319.4	81572.1	88210.0	1216954.2
BTU/Lb*	11694.2	11735.5	11982.3	11846.3	12108.1	12148.5	
	12282.0	12142.2	12294.9	12339.2	12409.7	12521.9	12113.2
Coal, MMBTU	1310978.3	1197156.0	1388964.3	1311935.1	733420.3	1324961.6	
	1387802.1	1312960.4	1257872.8	1398270.7	1012285.3	1104556.8	14741163.7
Oil, MMBTU	924.7	409.4	204.8	39.1	1437.6	621.3	
	791.1	704.2	1309.4	285.8	1810.6	910.2	9448.2
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	0.0	0.0	0.0	0.0	-1190.0	0.0	
	0.0	0.0	0.0	0.0	-1190.0	-1190.0	-3570.0
Total Fuel Consumption, MMBTU	1311903.0	1197565.4	1389169.1	1311974.2	733667.9	1325582.9	
	1388593.2	1313664.6	1259182.2	1398556.5	1012905.9	1104277.0	14747041.9
Net MWH Generation***	132222	118969	138859	131743	72763	130634	
	136395	129423	124035	138547	98773	110070	1462433
Average Net Operating Heat Rate	9922	10066	10004	9959	10083	10147	
	10181	10150	10152	10094	10255	10032	10084

* 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 January 1999 - December 1999

Daniel 1

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	164652.0	238535.6	264548.2	250405.5	245789.2	282433.1	
	320572.0	332456.0	180568.0	371570.0	305744.0	311422.0	3268695.6
BTU/Lb*	9243.2	10363.3	9548.0	9329.6	10730.0	10694.7	
	10733.8	10809.1	10723.2	9335.7	9450.0	9278.5	10013.9
Coal, MMBTU	1521911.4	2472016.0	2525906.2	2336183.2	2637318.1	3020537.3	
	3440955.7	3593550.1	1936266.8	3468866.0	2889280.8	2889529.0	32732320.6
Oil, MMBTU	7705.2	7121.7	7347.3	3009.8	6223.2	247.8	
	27.5	38.4	6002.0	145.0	6732.1	2384.4	46984.4
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	-7166.1	0.0	-7166.1	-2388.7	-2388.7	0.0	
	0.0	0.0	-4777.4	0.0	-2388.7	-2388.7	-28664.4
Total Fuel Consumption, MMBTU	1522450.5	2479137.7	2526087.4	2336804.3	2641152.6	3020785.1	
	3440983.2	3593588.5	1937491.4	3469011.0	2893624.2	2889524.7	32750640.6
Net MWH Generation***	144037	240317	245007	227175	251578	303866	
	339730	357868	188256	339205	275586	279152	3191777
Average Net Operating Heat Rate****	10570	10316	10310	10286	10559	10357	
	10274	10224	10334	10227	10500	10351	10344

* 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.
**** May - Sept values are set equal to targets at actual conditions for Daniel 1

Calculation of Average Net Operating Heat Rate Points
for January 1999 - December 1999

Daniel 2

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	264661.1	45030.1	0.0	73614.0	269528.8	271004.6	
	278296.0	304160.0	251470.0	367144.0	283170.0	335112.0	2743190.6
BTU/Lb*	9249.3	9453.2	0.0	9330.7	10983.2	10697.4	
	10784.8	10733.9	10818.8	9337.3	9487.2	9256.8	10069.8
Coal, MMBTU	2447929.9	425678.5	0.0	686870.1	2960288.7	2899044.6	
	3001366.7	3264823.0	2720603.6	3428133.7	2686490.4	3102064.8	27623294.0
Oil, MMBTU	2700.1	175.1	0.0	7368.9	2176.3	3855.9	
	2969.0	2364.5	1822.4	8.6	2830.7	74.7	26346.2
Gas, MMBTU	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Startup, MMBTU **	-2388.7	0.0	0.0	-4777.4	-2388.7	0.0	
	-2388.7	-2388.7	-2388.7	0.0	-2388.7	0.0	-19109.6
Total Fuel Consumption, MMBTU	2448241.3	425853.6	0.0	689461.6	2960076.3	2902900.5	
	3001947.0	3264798.8	2720037.3	3428142.3	2686932.4	3102139.5	27630530.6
Net MWH Generation***	231504	39266	0	63973	296745	291267	
	303714	322505	271314	337334	271723	301432	2730777
Average Net Operating Heat Rate****	10575	10845	---	10777	10228	10258	
	10214	10177	10276	10162	9888	10291	10245

* 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.
**** May - Sept values are set equal to targets at actual conditions for Daniel 2

Calculation of Average Net Operating Heat Rate
for January 1999 - December 1999
Adjusted to Target Basis Using Heat Rate
Equations Filed October 5, 1998

Crist 6

		Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1.	Target Heat Rate*	10827 10610	10431 10604	10489 10651	10587 10436	10577 10807	10629 10926	
2.	Target Heat Rate at Actual Conditions**	10829 10582	10511 10488	10542 10647	10505 10445	10574 10632	10648 10654	
3.	Adjustment to Actual Heat Rate (1-2)	-2 28	-80 116	-53 4	82 -9	3 175	-19 272	
4.	Actual Heat Rate (Page 2 of Sched. 3)	10847 10679	10900 10286	10663 10514	10613 10636	10152 10388	10241 10127	
5.	Adjusted Actual Heat Rate (4+3)	10845 10707	10820 10402	10610 10518	10695 10627	10155 10563	10222 10399	
6.	Net MWH Generation	132650 187498	128788 221387	145890 150056	57070 169247	151329 150981	163418 167172	
7.	Adjusted Actual Heat Rate for January 1999 - December 1999 $=(\Sigma(5*6)/\Sigma 6)$							10528

* From pages 18 & 19, schedule 3 of Exhibit to G. D. Fontaine's October 5, 1998 GPIF testimony in Docket 980001-EI.

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

Calculation of Average Net Operating Heat Rate
for January 1999 - December 1999
Adjusted to Target Basis Using Heat Rate
Equations Filed October 5, 1998

Crist 7

		Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1.	Target Heat Rate*	10180 10336	10130 10213	10174 10167	10209 10124	10595 10171	10143 10261	
2.	Target Heat Rate at Actual Conditions**	10336 10379	10334 10251	10185 10191	10161 10205	10622 10200	10217 10202	
3.	Adjustment to Actual Heat Rate (1-2)	-156 -43	-204 -38	-11 -24	48 -81	-27 -29	-74 59	
4.	Actual Heat Rate (Page 3 of Sched. 3)	10237 10408	10630 10257	10151 10269	10136 10417	10221 10198	10007 10186	
5.	Adjusted Actual Heat Rate (4+3)	10081 10365	10426 10219	10140 10245	10184 10336	10194 10169	9933 10245	
6.	Net MWH Generation	224939 326247	52587 288684	279681 305606	257964 279729	298853 301775	257852 262296	

7. Adjusted Actual Heat Rate for January 1999 - December 1999 =($\Sigma(5*6)/\Sigma 6$) 10202

* From pages 20 & 21, schedule 3 of Exhibit to G. D. Fontaine's October 5, 1998 GPIF testimony in Docket 980001-EI.

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

Calculation of Average Net Operating Heat Rate
for January 1999 - December 1999
Adjusted to Target Basis Using Heat Rate
Equations Filed October 5, 1998

Smith 1

		Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1.	Target Heat Rate*	10258	10277	-	10171	10171	10168	
		10242	10168	10168	10169	10169	10182	
2.	Target Heat Rate	10327	10361	-	10258	10217	10201	
	at Actual Conditions**	10272	10194	10216	10197	10190	10200	
3.	Adjustment to Actual	-69	-84	0	-87	-46	-33	
	Heat Rate (1-2)	-30	-26	-48	-28	-21	-18	
4.	Actual Heat Rate	10058	9608	0	9873	9869	10083	
	(Page 4 of Sched. 3)	10049	10031	9962	9956	9973	10059	
5.	Adjusted Actual	9989	9524	0	9786	9823	10050	
	Heat Rate (4+3)	10019	10005	9914	9928	9952	10041	
6.	Net MWH Generation	101650	5716	0	40530	90110	107604	
		103279	113019	81195	108318	110065	111503	
7.	Adjusted Actual Heat Rate for January 1999 - December 1999 $=(\Sigma(5*6)/\Sigma 6)$							9963

* From pages 22 & 23 , schedule 3 of Exhibit to G. D. Fontaine's October 5, 1998 GPIF testimony in Docket 980001-EI.

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

Calculation of Average Net Operating Heat Rate
for January 1999 - December 1999
Adjusted to Target Basis Using Heat Rate
Equations Filed October 5, 1998

Smith 2

		Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1.	Target Heat Rate*	10288 10368	10209 10343	10427 10209	10208 10209	10208 10209	10209 10205	
2.	Target Heat Rate at Actual Conditions**	10288 10373	10202 10349	10431 10203	10205 10206	10204 10204	10204 10204	
3.	Adjustment to Actual Heat Rate (1-2)	0 -5	7 -6	-4 6	3 3	4 5	5 1	
4.	Actual Heat Rate (Page 5 of Sched. 3)	9922 10181	10066 10150	10004 10152	9959 10094	10083 10255	10147 10032	
5.	Adjusted Actual Heat Rate (4+3)	9922 10176	10073 10144	10000 10158	9962 10097	10087 10260	10152 10033	
6.	Net MWH Generation	132222 136395	118969 129423	138859 124035	131743 138547	72763 98773	130634 110070	
7.	Adjusted Actual Heat Rate for January 1999 - December 1999 $=(\Sigma(5*6)/\Sigma 6)$							10085

* From pages 24 & 25, schedule 3 of Exhibit to G. D. Fontaine's October 5, 1998 GPIF testimony in Docket 980001-EI.

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

Calculation of Average Net Operating Heat Rate
for January 1999 - December 1999
Adjusted to Target Basis Using Heat Rate
Equations Filed October 5, 1998

Daniel 1

		Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1.	Target Heat Rate*	10477 10413	10413 10387	10366 10453	10489 10540	10515 10465	10430 10575	
2.	Target Heat Rate at Actual Conditions**	10601 10274	10549 10224	10312 10334	10414 10476	10559 10311	10357 10411	
3.	Adjustment to Actual Heat Rate (1-2)	-124 139	-136 163	54 119	75 64	-44 154	73 164	
4.	Actual Heat Rate*** (Page 6 of Sched. 3)	10570 10274	10316 10224	10310 10334	10286 10227	10559 10500	10357 10351	
5.	Adjusted Actual Heat Rate (4+3)	10446 10413	10180 10387	10364 10453	10361 10291	10515 10654	10430 10515	
6.	Net MWH Generation	144037 339730	240317 357868	245007 188256	227175 339205	251578 275586	303866 279152	
7.	Adjusted Actual Heat Rate for January 1999 - December 1999 $=(\Sigma(5*6)/\Sigma 6)$							10415

* From pages 26 & 27, schedule 3 of Exhibit to G. D. Fontaine's October 5, 1998 GPIF testimony in Docket 980001-EI.

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

*** May - Sept values are set equal to targets at actual conditions for Daniel 1

Calculation of Average Net Operating Heat Rate
for January 1999 - December 1999
Adjusted to Target Basis Using Heat Rate
Equations Filed October 5, 1998

Daniel 2

		Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1.	Target Heat Rate*	10157	10126	-	10321	10346	10267	
		10253	10232	10295	10159	10296	10401	
2.	Target Heat Rate	10401	10436	-	10519	10228	10258	
	at Actual Conditions**	10214	10177	10276	10142	10258	10318	
3.	Adjustment to Actual	-244	-310	0	-198	118	9	
	Heat Rate (1-2)	39	55	19	17	38	83	
4.	Actual Heat Rate***	10575	10845	0	10777	10228	10258	
	(Page 7 of Sched. 3)	10214	10177	10276	10162	9888	10291	
5.	Adjusted Actual	10331	10535	0	10579	10346	10267	
	Heat Rate (4+3)	10253	10232	10295	10179	9926	10374	
6.	Net MWH Generation	231504	39266	0	63973	296745	291267	
		303714	322505	271314	337334	271723	301432	
7.	Adjusted Actual Heat Rate for January 1999 - December 1999 $=(\Sigma(5*6)/\Sigma 6)$							10256

* From pages 28 & 29, schedule 3 of Exhibit to G. D. Fontaine's October 5, 1998 GPIF testimony in Docket 980001-EI.

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

*** May - Sept values are set equal to targets at actual conditions for Daniel 2

Actual Values of
Target Heat Rate Equation Parameters
for January 1999 - December 1999

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec
Crist 6						
AKW * 10^{+3}	178.3	191.6	212.0	238.2	206.1	227.0
	252.0	299.1	227.3	227.2	232.5	224.7
LSRF * 10^{+6}	35977.0	40975.4	49541.4	61799.8	47830.4	57138.0
	69153.8	89688.1	57945.5	58273.7	60015.2	56666.9
Crist 7						
AKW * 10^{+3}	351.9	352.9	428.0	443.2	401.7	409.4
	439.4	449.7	424.5	415.9	419.1	417.9
LSRF * 10^{+6}	134607.6	136334.4	190053.2	202885.7	170396.7	176847.6
	197825.3	205414.2	186756.9	180086.4	181980.1	182023.1
Smith 1						
AKW * 10^{+3}	141.4	138.7	0.0	131.7	144.1	149.5
	151.9	151.9	144.2	150.8	153.2	149.9
LSRF * 10^{+6}	20793.2	19570.0	0.0	18590.6	21578.4	22876.4
	23549.7	23435.5	21492.8	23198.9	23847.7	23155.5
Smith 2						
AKW * 10^{+3}	178.1	177.0	186.6	183.2	180.0	181.4
	183.3	174.0	178.9	186.0	181.6	180.7
LSRF * 10^{+6}	32301.6	32047.4	34887.4	33659.5	32853.9	33329.4
	33787.0	30980.3	32597.2	34685.8	33512.6	33078.8
Daniel 1						
AKW * 10^{+3}	347.2	366.2	424.0	424.2	399.8	422.0
	456.6	481.0	419.0	455.3	455.6	418.5
LSRF * 10^{+6}	132724.1	145678.0	186056.4	185667.9	158888.7	191162.9
	217791.4	236349.5	192277.0	208829.5	212723.5	183356.8
Daniel 2						
AKW * 10^{+3}	328.5	334.5	0.0	320.7	424.4	409.9
	437.0	456.4	423.9	452.8	431.1	405.2
LSRF * 10^{+6}	111237.8	111746.9	0.0	117296.0	194914.6	184437.9
	202497.4	216903.4	187000.9	206977.3	192809.6	173199.2

Target Heat Rate Equations

Crist 6 ANOHR = 10^6 / AKW * [150.42 - 49.59 * FEB - 32.29 * MAR - 26.52 * APR - 29.06 * MAY - 45.84 * OCT]
+ 9,985

Crist 7 ANOHR = 10^6 / AKW * [299.56 + 157.29 * MAY + 93.18 * JUL + 45.08 * AUG]
+ 9,485

Smith 1 ANOHR = 10^6 / AKW * [63.65 + 14.44 * JAN + 17.67 * FEB + 12.53 * MAR + 11.92 * JUL]
+ 9,775

Smith 2 ANOHR = 10^6 / AKW * [-14.48 + 15.27 * JAN + 41.91 * MAR + 30.74 * JUL + 25.75 * AUG]
+ 10,284

Daniel 1 ANOHR = 10^6 / AKW * [-39.36 - 41.46 * MAR + 60.97 * OCT]
+ 12,144 - 0.00374 * LSRF / AKW

Daniel 2 ANOHR = 10^6 / AKW * [60.76 - 60.56 * JAN - 52.82 * FEB - 44.61 * MAR - 37.43 * OCT]
+ 11,284 - 0.00261 * 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 January 1999 - December 1999

(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	10624	10528	10305	0.86
Crist 7	10232	10202	9925	0.00
Smith 1	10190	9963	9884	6.58
Smith 2	10263	10085	9955	4.42
Daniel 1	10455	10415	10141	0.00
Daniel 2	10264	10256	9956	0.00

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

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

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

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 January 1999 - December 1999

Unit	Availability Points	Availability* Weighting Factor	Heat Rate Points	Heat Rate* Weighting Factor
Crist 6	10.00	0.019	0.86	0.095
Crist 7	9.70	0.092	0.00	0.201
Smith 1	-10.00	0.005	6.58	0.038
Smith 2	10.00	0.026	4.42	0.054
Daniel 1	-7.84	0.053	0.00	0.198
Daniel 2	-10.00	0.035	0.00	0.183

Company GPIF Points + 10.00 * 0.019 + 0.86 * 0.095
+ 9.70 * 0.092 + 0.00 * 0.201
- 10.00 * 0.005 + 6.58 * 0.038
+ 10.00 * 0.026 + 4.42 * 0.054
- 7.84 * 0.053 + 0.00 * 0.198
- 10.00 * 0.035 + 0.00 * 0.183
1.10

Company reward/penalty = 1.10 points * $167129 per point**

= $183,842

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

** Dollars per Point corrected to 12-month period instead of 6-month period as erroneously filed in Schedule 3 of Exhibit to G. D. Fontaine's October 5, 1998 GPIF Testimony in Docket 980001-EI

V. GPIF MINIMUM FILING REQUIREMENTS FOR THE JANUARY 1999 - DECEMBER 1999 PERIOD

CONTENTS	SCHEDULE 5 PAGE

Generating Performance Incentive Factor

Actual Reward/Penalty Table

Gulf Power Company

Period of: January 1999 - December 1999

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	7028	1671
+ 9	6325	1504
+ 8	5622	1337
+ 7	4920	1170
+ 6	4217	1003
+ 5	3514	836
+ 4	2811	669
+ 3	2108	501
+ 2	1406	334
+ 1	703	167
0	0	0
- 1	-780	-167
- 2	-1559	-334
- 3	-2339	-501
- 4	-3118	-669
- 5	-3898	-836
- 6	-4678	-1003
- 7	-5457	-1170
- 8	-6237	-1337
- 9	-7016	-1504
- 10	-7796	-1671
	Minimum Attainable Fuel Loss	Maximum Incentive Dollars Allowed by Commission During Period (Penalty)

Generating Performance Incentive Factor

Calculation of Maximum Allowed Incentive Dollars

Actual

Gulf Power Company

Period of: January 1999 - December 1999

Line 1	Beginning of Period Balance of Common Equity	$427,652,271
	End of Month Balance of Common Equity:	
Line 2	Month of Jan '99	$430,599,811
Line 3	Month of Feb '99	$416,399,632
Line 4	Month of Mar '99	$417,451,313
Line 5	Month of Apr '99	$404,558,577
Line 6	Month of May '99	$408,707,550
Line 7	Month of Jun '99	$415,577,652
Line 8	Month of Jul '99	$409,300,105
Line 9	Month of Aug '99	$421,155,638
Line 10	Month of Sep '99	$428,859,529
Line 11	Month of Oct '99	$416,892,366
Line 12	Month of Nov '99	$418,491,977
Line 13	Month of Dec '99	$422,313,404
Line 14	Average Common Equity for the Period (sum of line 1 through line 13 divided by 13)	$418,304,602
Line 15	25 Basis Points	0.0025
Line 16	Revenue Expansion Factor	60.4594%
Line 17	Maximum Allowed Incentive Dollars (line 14 multiplied by line 15 divided by line 16 multiplied by 1.0)	$1,729,692
Line 18	Jurisdictional Sales (KWH)	9,559,183,000
Line 19	Total Territorial Sales (KWH)	9,893,213,000
Line 20	Jurisdictional Separation Factor (line 18 divided by line 19)	96.6236%
Line 21	Maximum Allowed Jurisdictional Incentive Dollars (line 17 multiplied by line 20)	$1,671,292

Calculation of System Actual GPIF Points

Gulf Power Company

Period of: January 1999 - December 1999

Plant & Unit	Performance Indicator (EAF or ANOHR)	Weighting Factor	Unit Points	Weighted Unit Points
Crist 6	EAF1	1.9%	10.00	0.190
Crist 6	ANOHR1	9.5%	0.86	0.082
Crist 7	EAF2	9.2%	9.70	0.892
Crist 7	ANOHR2	20.1%	0.00	0.000
Smith 1	EAF3	0.5%	-10.00	-0.050
Smith 1	ANOHR3	3.8%	6.58	0.250
Smith 2	EAF4	2.6%	10.00	0.260
Smith 2	ANOHR4	5.4%	4.42	0.239
Daniel 1	EAF5	5.3%	-7.84	-0.416
Daniel 1	ANOHR5	19.8%	0.00	0.000
Daniel 2	EAF6	3.5%	-10.00	-0.350
Daniel 2	ANOHR6	18.3%	0.00	0.000
Gulf Power GPIF Total		99.9%		1.10

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 1999 - December 1999

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	132	90.00	+ 10	665	10,305
+ 9	119	89.84	+ 9	599	10,329
+ 8	106	89.68	+ 8	532	10,354
+ 7	92	89.52	+ 7	466	10,378
+ 6	79	89.36	+ 6	399	10,403
+ 5	66	89.20	+ 5	333	10,427
+ 4	53	89.04	+ 4	266	10,451
+ 3	40	88.88	+ 3	200	10,476
+ 2	26	88.72	+ 2	133	10,500
+ 1	13	88.56	+ 1	67	10,525
				0	10,549
0	0	88.40	0	0	10,624
				0	10,699
- 1	(20)	88.17	- 1	(67)	10,723
- 2	(40)	87.94	- 2	(133)	10,748
- 3	(60)	87.71	- 3	(200)	10,772
- 4	(80)	87.48	- 4	(266)	10,797
- 5	(100)	87.25	- 5	(333)	10,821
- 6	(120)	87.02	- 6	(399)	10,845
- 7	(140)	86.79	- 7	(466)	10,870
- 8	(160)	86.56	- 8	(532)	10,894
- 9	(180)	86.33	- 9	(599)	10,919
- 10	(200)	86.10	- 10	(665)	10,943
Weighting Factor:		0.019	Weighting Factor:		0.095

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 1999 - December 1999

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	650	85.80	+ 10	1,413	9,925
+ 9	585	85.47	+ 9	1,272	9,948
+ 8	520	85.14	+ 8	1,130	9,971
+ 7	455	84.81	- 7	989	9,995
+ 6	390	84.48	- 6	848	10,018
+ 5	325	84.15	- 5	707	10,041
+ 4	260	83.82	- 4	565	10,064
+ 3	195	83.49	+ 3	424	10,087
+ 2	130	83.16	+ 2	283	10,111
+ 1	65	82.83	+ 1	141	10,134
				0	10,157
0	0	82.50	0	0	10,232
				0	10,307
- 1	(103)	81.99	- 1	(141)	10,330
- 2	(205)	81.48	- 2	(283)	10,353
- 3	(308)	80.97	- 3	(424)	10,377
- 4	(410)	80.46	- 4	(565)	10,400
- 5	(513)	79.95	- 5	(707)	10,423
- 6	(616)	79.44	- 6	(848)	10,446
- 7	(718)	78.93	- 7	(989)	10,469
- 8	(821)	78.42	- 8	(1,130)	10,493
- 9	(923)	77.91	- 9	(1,272)	10,516
- 10	(1,026)	77.40	- 10	(1,413)	10,539
Weighting Factor:		0.092	Weighting Factor:		0.201

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 1999 - December 1999

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	37	76.50	+ 10	265	9,884
+ 9	33	76.44	+ 9	239	9,907
+ 8	30	76.38	+ 8	212	9,930
+ 7	26	76.32	+ 7	186	9,953
+ 6	22	76.26	+ 6	159	9,976
+ 5	19	76.20	+ 5	133	10,000
+ 4	15	76.14	+ 4	106	10,023
+ 3	11	76.08	+ 3	80	10,046
+ 2	7	76.02	+ 2	53	10,069
+ 1	4	75.96	+ 1	27	10,092
				0	10,115
0	0	75.90	0	0	10,190
				0	10,265
- 1	(7)	75.82	- 1	(27)	10,288
- 2	(15)	75.74	- 2	(53)	10,311
- 3	(22)	75.66	- 3	(80)	10,334
- 4	(29)	75.58	- 4	(106)	10,357
- 5	(37)	75.50	- 5	(133)	10,381
- 6	(44)	75.42	- 6	(159)	10,404
- 7	(51)	75.34	- 7	(186)	10,427
- 8	(58)	75.26	- 8	(212)	10,450
- 9	(66)	75.18	- 9	(239)	10,473
- 10	(73)	75.10	- 10	(265)	10,496
Weighting Factor:		0.005	Weighting Factor:		0.038

Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 1999 - December 1999

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	183	90.10	+ 10	378	9,955
+ 9	165	89.97	+ 9	340	9,978
+ 8	146	89.84	+ 8	302	10,002
+ 7	128	89.71	+ 7	265	10,025
+ 6	110	89.58	+ 6	227	10,048
+ 5	92	89.45	+ 5	189	10,072
+ 4	73	89.32	+ 4	151	10,095
+ 3	55	89.19	+ 3	113	10,118
+ 2	37	89.06	+ 2	76	10,141
+ 1	18	88.93	+ 1	38	10,165
				0	10,188
0	0	88.80	0	0	10,263
				0	10,338
- 1	(24)	88.60	- 1	(38)	10,361
- 2	(48)	88.40	- 2	(76)	10,385
- 3	(72)	88.20	- 3	(113)	10,408
- 4	(96)	88.00	- 4	(151)	10,431
- 5	(120)	87.80	- 5	(189)	10,455
- 6	(144)	87.60	- 6	(227)	10,478
- 7	(168)	87.40	- 7	(265)	10,501
- 8	(192)	87.20	- 8	(302)	10,524
- 9	(216)	87.00	- 9	(340)	10,548
- 10	(240)	86.80	- 10	(378)	10,571
Weighting Factor:		0.026	Weighting Factor:		0.054

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 1999 - December 1999

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	374	83.50	+ 10	1,394	10,141
+ 9	337	83.25	+ 9	1,255	10,165
+ 8	299	83.00	+ 8	1,115	10,189
+ 7	262	82.75	+ 7	976	10,213
+ 6	224	82.50	+ 6	836	10,237
+ 5	187	82.25	+ 5	697	10,261
+ 4	150	82.00	+ 4	558	10,285
+ 3	112	81.75	+ 3	418	10,308
+ 2	75	81.50	+ 2	279	10,332
+ 1	37	81.25	+ 1	139	10,356
				0	10,380
0	0	81.00	0	0	10,455
				0	10,530
- 1	(51)	80.63	- 1	(139)	10,554
- 2	(102)	80.26	- 2	(279)	10,578
- 3	(153)	79.89	- 3	(418)	10,602
- 4	(204)	79.52	- 4	(558)	10,626
- 5	(255)	79.15	- 5	(697)	10,650
- 6	(305)	78.78	- 6	(836)	10,673
- 7	(356)	78.41	- 7	(976)	10,697
- 8	(407)	78.04	- 8	(1,115)	10,721
- 9	(458)	77.67	- 9	(1,255)	10,745
- 10	(509)	77.30	- 10	(1,394)	10,769
Weighting Factor:		0.053	Weighting Factor:		0.198

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 1999 - December 1999

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	248	76.40	+ 10	1,289	9,956
+ 9	223	76.23	+ 9	1,160	9,979
+ 8	198	76.06	+ 8	1,031	10,003
+ 7	174	75.89	+ 7	902	10,026
+ 6	149	75.72	+ 6	773	10,049
+ 5	124	75.55	+ 5	645	10,073
+ 4	99	75.38	+ 4	516	10,096
+ 3	74	75.21	+ 3	387	10,119
+ 2	50	75.04	+ 2	258	10,142
+ 1	25	74.87	+ 1	129	10,166
				0	10,189
0	0	74.70	0	0	10,264
				0	10,339
- 1	(34)	74.45	- 1	(129)	10,362
- 2	(69)	74.20	- 2	(258)	10,386
- 3	(103)	73.95	- 3	(387)	10,409
- 4	(138)	73.70	- 4	(516)	10,432
- 5	(172)	73.45	- 5	(645)	10,456
- 6	(206)	73.20	- 6	(773)	10,479
- 7	(241)	72.95	- 7	(902)	10,502
- 8	(275)	72.70	- 8	(1,031)	10,525
- 9	(310)	72.45	- 9	(1,160)	10,549
- 10	(344)	72.20	- 10	(1,289)	10,572
Weighting Factor:		0.035	Weighting Factor:		0.183

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GPIF Unit Performance Summary

Gulf Power Company

Period of: January 1999 - December 1999

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	88.4	90.0	86.1	132.0	-200.0	90.1	$132
Crist 7	9.2	82.5	85.8	77.4	650.0	-1026.0	85.7	$631
Smith 1	0.5	75.9	76.5	75.1	37.0	-73.0	73.3	($73)
Smith 2	2.6	88.8	90.1	86.8	183.0	-240.0	90.9	$183
Daniel 1	5.3	81.0	83.5	77.3	374.0	-509.0	78.1	($399)
Daniel 2	3.5	74.7	76.4	72.2	248.0	-344.0	71.0	($344)
Total:	23.0							

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	9.5	10,624	70.7	10,943	10,305	$665	($665)	10,528	$57
Crist 7	20.1	10,232	88.5	10,539	9,925	$1,413	($1,413)	10,202	$0
Smith 1	3.8	10,190	99.4	10,496	9,884	$265	($265)	9,963	$174
Smith 2	5.4	10,263	99.0	10,571	9,955	$378	($378)	10,085	$167
Daniel 1	19.8	10,455	86.5	10,769	10,141	$1,394	($1,394)	10,415	$0
Daniel 2	18.3	10,264	88.1	10,572	9,956	$1,289	($1,289)	10,256	$0
Total:	76.9								

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Actual Unit Performance Data

Gulf Power Company

Period of: January 1999 - December 1999

Plant & Unit	Actual EAF %	Adjustments* to EAF %	Adjusted Actual %
Crist 6	90.9	-0.8	90.1
Crist 7	85.5	0.2	85.7
Smith 1	74.6	-1.3	73.3
Smith 2	91.8	-0.9	90.9
Daniel 1	83.6	-5.5	78.1
Daniel 2	70.9	0.1	71.0

Plant & Unit	Actual ANOHR BTU/KWH	Adjustments** to ANOHR BTU/KWH	ANOHR Adjusted Actual BTU/KWH
Crist 6	10,481	47	10,528
Crist 7	10,238	-36	10,202
Smith 1	10,000	-37	9,963
Smith 2	10,084	1	10,085
Daniel 1	10,344	71	10,415
Daniel 2	10,245	11	10,256

* Refer to pages 3 through 8, Schedule 2.

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

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 1999 - December 1999

	CRIST 6	Jan '99	Feb '99	Mar '99	Apr '99	May '99	Jun '99	
1.	EAF (%)	99.6	100.0	92.5	33.3	95.6	99.8	
2.	PH	744.0	672.0	744.0	719.0	744.0	720.0	
3.	SH	744.0	672.0	688.2	239.6	734.3	720.0	
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	
5.	UH	0.0	0.0	55.8	479.4	9.7	0.0	
6.	POH	0.0	0.0	0.0	479.4	0.0	0.0	
7.	FOH	0.0	0.0	55.8	0.0	9.7	0.0	
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	
9.	PFOH	6.1	0.0	0.0	1.0	32.5	0.0	
10.	LR pf (MW)	136.0	0.0	0.0	117.0	141.6	0.0	
11.	PMOH	0.0	0.0	0.0	0.0	11.7	2.8	
12.	LR pm (MW)	0.0	0.0	0.0	0.0	202.7	122.0	
13.	NSC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	
14.	Oper MBtu	1438869	1403794	1555582	605673	1536238	1673530	
15.	Net Gen (MWH)	132650	128788	145890	57070	151329	163418	
16.	ANOHR (Btu/KWH)	10847	10900	10663	10613	10152	10241	
17.	NOF %	59.0	63.5	70.2	78.9	68.2	75.2	
18.	NPC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	

19.	ANOHR Equation	10^6 / AKW * [150.42 - 49.59 * FEB - 32.29 * MAR - 26.52 * APR - 29.06 * MAY - 45.84 * OCT] + 9,985

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 1999 - December 1999

	CRIST 6	Jul '99	Aug '99	Sep '99	Oct '99	Nov '99	Dec '99	Total
1.	EAF (%)	100.0	99.4	89.5	95.8	90.2	94.8	90.9
2.	PH	744.0	744.0	720.0	745.0	720.0	744.0	8760.0
3.	SH	744.0	740.3	660.3	745.0	649.4	744.0	8081.1
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	0.0	3.7	59.7	0.0	70.6	0.0	678.9
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	479.4
7.	FOH	0.0	3.7	0.0	0.0	70.6	0.0	139.8
8.	MOH	0.0	0.0	59.7	0.0	0.0	0.0	59.7
9.	PFOH	1.3	1.7	0.0	0.0	0.0	55.1	97.7
10.	LR pf (MW)	67.0	200.4	0.0	0.0	0.0	210.8	180.1
11.	PMOH	0.0	0.0	22.0	45.0	0.0	0.0	81.5
12.	LR pm (MW)	0.0	0.0	214.0	211.8	0.0	0.0	208.0
13.	NSC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	302.0
14.	Oper MBtu	2002366	2277177	1577736	1800090	1568428	1692935	19132418
15.	Net Gen (MWH)	187498	221387	150056	169247	150981	167172	1825486
16.	ANOHR (Btu/KWH)	10679	10286	10514	10636	10388	10127	10481
17.	NOF %	83.4	99.0	75.2	75.2	77.0	74.4	74.8
18.	NPC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	302.0
19.	ANOHR Equation	10^6 / AKW * [150.42 - 49.59 * FEB - 32.29 * MAR - 26.52 * APR - 29.06 * MAY - 45.84 * OCT] + 9,985						

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GULF POWER COMPANY

PERIOD OF: January 1999 - December 1999

	CRIST 7	Jan '99	Feb '99	Mar '99	Apr '99	May '99	Jun '99	
1.	EAF (%)	84.9	22.1	87.1	80.3	99.7	87.2	
2.	PH	744.0	672.0	744.0	719.0	744.0	720.0	
3.	SH	639.2	149.0	653.4	582.0	744.0	629.9	
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	
5.	UH	104.8	523.0	90.6	137.0	0.0	90.1	
6.	POH	48.6	523.0	0.0	0.0	0.0	0.0	
7.	FOH	0.0	0.0	90.6	137.0	0.0	48.5	
8.	MOH	56.2	0.0	0.0	0.0	0.0	41.6	
9.	PFOH	47.8	3.5	21.3	15.8	4.7	13.7	
10.	LR pf (MW)	81.8	59.0	128.5	141.0	219.6	79.0	
11.	PMOH	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	
13.	NSC (MW)	495.0	495.0	495.0	495.0	495.0	467.0	
14.	Oper MBtu	2302619	558976	2838943	2614743	3054672	2580422	
15.	Net Gen (MWH)	224939	52587	279681	257964	298853	257852	
16.	ANOHR (Btu/KWH)	10237	10630	10151	10136	10221	10007	
17.	NOF %	71.1	71.3	86.5	89.5	81.1	87.7	
18.	NPC (MW)	495.0	495.0	495.0	495.0	495.0	467.0	

19.	ANOHR Equation	10^6 / AKW * [299.56 + 157.29 * MAY + 93.18 * JUL + 45.08 * AUG] + 9,485

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GULF POWER COMPANY

PERIOD OF: January 1999 - December 1999

	CRIST 7	Jul '99	Aug '99	Sep '99	Oct '99	Nov '99	Dec '99	Total
1.	EAF (%)	99.6	86.1	100.0	90.3	99.7	84.1	85.5
2.	PH	744.0	744.0	720.0	745.0	720.0	744.0	8760.0
3.	SH	742.5	641.9	720.0	672.6	720.0	627.7	7522.2
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	1.5	102.1	0.0	72.4	0.0	116.3	1237.8
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	571.6
7.	FOH	0.0	0.0	0.0	15.9	0.0	116.3	408.3
8.	MOH	1.5	102.1	0.0	56.5	0.0	0.0	257.9
9.	PFOH	6.3	2.5	0.0	0.0	19.9	3.4	138.9
10.	LR pf (MW)	126.5	204.3	0.0	0.0	47.0	268.0	103.3
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)	467.0	467.0	467.0	467.0	467.0	467.0	478.7
14.	Oper MBtu	3395537	2961060	3138270	2913941	3077410	2671868	32108461
15.	Net Gen (MWH)	326247	288684	305606	279729	301775	262296	3136213
16.	ANOHR (Btu/KWH)	10408	10257	10269	10417	10198	10186	10238
17.	NOF %	94.1	96.3	90.9	89.1	89.7	89.5	87.1
18.	NPC (MW)	467.0	467.0	467.0	467.0	467.0	467.0	478.7
19.	ANOHR Equation	10^6 / AKW * [299.56 + 157.29 * MAY + 93.18 * JUL + 45.08 * AUG] + 9,485						

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GULF POWER COMPANY

PERIOD OF: January 1999 - December 1999

	SMITH 1	Jan '99	Feb '99	Mar '99	Apr '99	May '99	Jun '99	
1.	EAF (%)	95.9	6.1	0.0	39.9	83.9	99.8	
2.	PH	744.0	672.0	744.0	719.0	744.0	720.0	
3.	SH	719.0	41.2	0.0	307.7	625.4	720.0	
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	
5.	UH	25.0	630.8	744.0	411.3	118.6	0.0	
6.	POH	0.0	600.0	744.0	306.5	0.0	0.0	
7.	FOH	25.0	30.8	0.0	100.1	0.0	0.0	
8.	MOH	0.0	0.0	0.0	4.7	118.6	0.0	
9.	PFOH	8.9	3.0	0.0	52.6	4.8	7.4	
10.	LR pf (MW)	20.4	9.0	0.0	48.5	32.9	27.4	
11.	PMOH	13.9	0.0	0.0	71.5	0.0	0.0	
12.	LR pm (MW)	48.3	0.0	0.0	12.0	0.0	0.0	
13.	NSC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	
14.	Oper MBtu	1022368	54920	0	400166	889255	1084922	
15.	Net Gen (MWH)	101650	5716	0	40530	90110	107604	
16.	ANOHR (Btu/KWH)	10058	9608	0	9873	9869	10083	
17.	NOF %	87.3	85.6	0.0	81.3	88.9	92.3	
18.	NPC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	

19.	ANOHR Equation	10^6 / AKW * [63.65 + 14.44 * JAN + 17.67 * FEB + 12.53 * MAR + 11.92 * JUL] + 9,775

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GULF POWER COMPANY

PERIOD OF: January 1999 - December 1999

	SMITH 1	Jul '99	Aug '99	Sep '99	Oct '99	Nov '99	Dec '99	Total
1.	EAF (%)	91.1	97.8	78.2	96.3	99.7	99.8	74.6
2.	PH	744.0	744.0	720.0	745.0	720.0	744.0	8760.0
3.	SH	679.7	744.0	563.1	718.2	718.6	744.0	6580.9
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	64.3	0.0	156.9	26.8	1.4	0.0	2179.1
6.	POH	0.0	0.0	149.1	26.8	0.0	0.0	1826.4
7.	FOH	64.3	0.0	7.8	0.0	0.0	0.0	228.0
8.	MOH	0.0	0.0	0.0	0.0	1.4	0.0	124.7
9.	PFOH	17.6	0.3	0.0	0.5	1.9	3.0	100.0
10.	LR pf (MW)	20.9	24.0	0.0	152.0	57.4	70.6	38.9
11.	PMOH	0.0	58.5	0.0	0.0	0.0	0.0	143.9
12.	LR pm (MW)	0.0	44.5	0.0	0.0	0.0	0.0	28.7
13.	NSC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0
14.	Oper MBtu	1037814	1133719	808875	1078377	1097640	1121593	9729649
15.	Net Gen (MWH)	103279	113019	81195	108318	110065	111503	972989
16.	ANOHR (Btu/KWH)	10049	10031	9962	9956	9973	10059	10000
17.	NOF %	93.8	93.8	89.0	93.1	94.5	92.5	91.3
18.	NPC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0

19.	ANOHR Equation	10^6 / AKW * [63.65 + 14.44 * JAN + 17.67 * FEB + 12.53 * MAR + 11.92 * JUL] + 9,775

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GULF POWER COMPANY

PERIOD OF: January 1999 - December 1999

	SMITH 2	Jan '99	Feb '99	Mar '99	Apr '99	May '99	Jun '99	
1.	EAF (%)	99.4	100.0	100.0	100.0	54.3	99.9	
2.	PH	744.0	672.0	744.0	719.0	744.0	720.0	
3.	SH	742.5	672.0	744.0	719.0	404.2	720.0	
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	
5.	UH	1.5	0.0	0.0	0.0	339.8	0.0	
6.	POH	0.0	0.0	0.0	0.0	339.8	0.0	
7.	FOH	1.5	0.0	0.0	0.0	0.0	0.0	
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	
9.	PFOH	2.3	0.0	0.0	0.0	0.0	3.6	
10.	LR pf (MW)	80.3	0.0	0.0	0.0	0.0	41.6	
11.	PMOH	8.3	0.0	0.0	0.0	0.0	0.0	
12.	LR pm (MW)	55.0	0.0	0.0	0.0	0.0	0.0	
13.	NSC (MW)	193.0	193.0	193.0	193.0	193.0	193.0	
14.	Oper MBtu	1311903	1197565	1389169	1311974	733668	1325583	
15.	Net Gen (MWH)	132222	118969	138859	131743	72763	130634	
16.	ANOHR (Btu/KWH)	9922	10066	10004	9959	10083	10147	
17.	NOF %	92.3	91.7	96.7	94.9	93.3	94.0	
18.	NPC (MW)	193.0	193.0	193.0	193.0	193.0	193.0	

19.	ANOHR Equation	10^6 / AKW * [-14.48 + 15.27 * JAN + 41.91 * MAR + 30.74 * JUL + 25.75 * AUG] + 10,284

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GULF POWER COMPANY

PERIOD OF: January 1999 - December 1999

	SMITH 2	Jul '99	Aug '99	Sep '99	Oct '99	Nov '99	Dec '99	Total
1.	EAF (%)	99.8	96.4	95.7	99.9	75.5	81.7	91.8
2.	PH	744.0	744.0	720.0	745.0	720.0	744.0	8760.0
3.	SH	744.0	744.0	693.5	745.0	543.9	609.2	8081.3
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	0.0	0.0	26.5	0.0	176.1	134.8	678.7
6.	POH	0.0	0.0	0.0	0.0	176.1	0.0	515.9
7.	FOH	0.0	0.0	3.0	0.0	0.0	134.8	139.3
8.	MOH	0.0	0.0	23.5	0.0	0.0	0.0	23.5
9.	PFOH	3.1	5.0	7.7	2.4	0.0	0.3	24.4
10.	LR pf (MW)	45.0	92.8	105.9	45.9	0.0	8.0	76.5
11.	PMOH	3.5	55.8	0.0	0.0	0.0	1.8	69.4
12.	LR pm (MW)	60.9	83.4	0.0	0.0	0.0	124.0	79.9
13.	NSC (MW)	193.0	193.0	193.0	193.0	193.0	193.0	193.0
14.	Oper MBtu	1388593	1313665	1259182	1398557	1012906	1104277	14747042
15.	Net Gen (MWH)	136395	129423	124035	138547	98773	110070	1462433
16.	ANOHR (Btu/KWH	10181	10150	10152	10094	10255	10032	10084
17.	NOF %	95.0	90.1	92.7	96.4	94.1	93.6	93.8
18.	NPC (MW)	193.0	193.0	193.0	193.0	193.0	193.0	193.0
19.	ANOHR Equation	10^6 / AKW * [-14.48 + 15.27 * JAN + 41.91 * MAR + 30.74 * JUL + 25.75 * AUG] + 10,284						

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GULF POWER COMPANY

PERIOD OF: January 1999 - December 1999

	DANIEL 1	Jan '99	Feb '99	Mar '99	Apr '99	May '99	Jun '99	
1.	EAF (%)	53.4	89.5	75.3	70.4	80.4	99.5	
2.	PH	744.0	672.0	744.0	719.0	744.0	720.0	
3.	SH	414.9	656.2	577.8	535.5	629.3	720.0	
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	
5.	UH	329.1	15.8	166.2	183.5	114.7	0.0	
6.	POH	0.0	0.0	0.0	183.5	0.0	0.0	
7.	FOH	179.1	15.8	166.2	0.0	18.2	0.0	
8.	MOH	150.0	0.0	0.0	0.0	96.5	0.0	
9.	PFOH	231.9	355.8	110.1	112.5	95.6	36.0	
10.	LR pf (MW)	36.4	73.2	75.2	123.6	167.2	54.2	
11.	PMOH	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	
13.	NSC (MW)	478.0	478.0	478.0	478.0	510.0	510.0	
14.	Oper MBtu	1522450	2479138	2526087	2336804	2641153	3020785	
15.	Net Gen (MWH)	144037	240317	245007	227175	251578	303866	
16.	ANOHR (Btu/KWH)	10570	10316	10310	10286	10559	10357	
17.	NOF %	72.6	76.6	88.7	88.8	78.4	82.8	
18.	NPC (MW)	478.0	478.0	478.0	478.0	510.0	510.0	

19.	ANOHR Equation	10^6 / AKW * [-39.36 - 41.46 * MAR + 60.97 * OCT] + 12,144 - 0.00374 * LSRF / AKW

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GULF POWER COMPANY

PERIOD OF: January 1999 - December 1999

	DANIEL 1	Jul '99	Aug '99	Sep '99	Oct '99	Nov '99	Dec '99	Total
1.	EAF (%)	99.7	99.8	62.4	99.6	83.8	89.0	83.6
2.	PH	744.0	744.0	720.0	745.0	720.0	744.0	8760.0
3.	SH	744.0	744.0	449.3	745.0	604.9	667.1	7488.0
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	0.0	0.0	270.7	0.0	115.1	76.9	1272.0
6.	POH	0.0	0.0	204.9	0.0	0.0	0.0	388.4
7.	FOH	0.0	0.0	65.8	0.0	115.1	76.9	637.1
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	246.5
9.	PFOH	13.4	8.9	2.0	40.4	3.5	10.1	1020.2
10.	LR pf (MW)	75.5	74.0	60.0	18.6	163.2	105.5	77.2
11.	PMOH	0.0	0.4	0.0	4.1	0.0	5.7	10.2
12.	LR pm (MW)	0.0	75.0	0.0	164.8	0.0	200.4	181.2
13.	NSC (MW)	510.0	510.0	510.0	478.0	478.0	478.0	491.3
14.	Oper MBtu	3440983	3593589	1937491	3469011	2893624	2889525	32750641
15.	Net Gen (MWH)	339730	357868	188256	339205	275586	279152	3191777
16.	ANOHR (Btu/KWH)	10274	10224	10334	10227	10500	10351	10344
17.	NOF %	89.5	94.3	82.2	95.3	95.3	87.5	86.8
18.	NPC (MW)	510.0	510.0	510.0	478.0	478.0	478.0	491.3
19.	ANOHR Equation	10^6 / AKW * [-39.36 - 41.46 * MAR + 60.97 * OCT] + 12,144 - 0.00374 * LSRF / AKW						

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	DANIEL 2	Jan '99	Feb '99	Mar '99	Apr '99	May '99	Jun '99	
1.	EAF (%)	69.2	11.2	0.0	19.5	93.0	94.7	
2.	PH	744.0	672.0	744.0	719.0	744.0	720.0	
3.	SH	704.7	117.4	0.0	199.5	699.2	710.5	
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	
5.	UH	39.3	554.6	744.0	519.5	44.8	9.5	
6.	POH	0.0	554.6	744.0	452.8	0.0	0.0	
7.	FOH	39.3	0.0	0.0	63.9	0.0	9.5	
8.	MOH	0.0	0.0	0.0	2.8	44.8	0.0	
9.	PFOH	687.1	117.4	0.0	122.9	29.6	109.7	
10.	LR pf (MW)	131.9	172.8	0.0	229.5	120.6	134.7	
11.	PMOH	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	
13.	NSC (MW)	478.0	478.0	478.0	478.0	510.0	510.0	
14.	Oper MBtu	2448241	425854	0	689462	2960076	2902900	
15.	Net Gen (MWH)	231504	39266	0	63973	296745	291267	
16.	ANOHR (Btu/KWH	10575	10845	0	10777	10228	10258	
17.	NOF %	68.7	70.0	0.0	67.1	83.2	80.4	
18.	NPC (MW)	478.0	478.0	478.0	478.0	510.0	510.0	

19.	ANOHR Equation	10^6 / AKW * [60.76 - 60.56 * JAN - 52.82 * FEB - 44.61 * MAR - 37.43 * OCT] + 11,284 - 0.00261 * LSRF / AKW

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 1999 - December 1999

	DANIEL 2	Jul '99	Aug '99	Sep '99	Oct '99	Nov '99	Dec '99	Total
1.	EAF (%)	93.0	94.7	88.4	99.3	82.1	98.3	70.9
2.	PH	744.0	744.0	720.0	745.0	720.0	744.0	8760.0
3.	SH	695.0	706.7	640.1	745.0	630.3	744.0	6592.4
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	49.0	37.3	79.9	0.0	89.7	0.0	2167.6
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	1751.4
7.	FOH	0.6	37.3	79.9	0.0	89.7	0.0	320.2
8.	MOH	48.4	0.0	0.0	0.0	0.0	0.0	96.0
9.	PFOH	9.4	33.6	5.2	57.5	77.5	182.6	1432.5
10.	LR pf (MW)	150.7	22.8	105.6	30.7	149.6	32.8	125.3
11.	PMOH	0.0	2.2	3.8	6.0	83.0	1.0	96.0
12.	LR pm (MW)	0.0	230.0	365.0	95.1	84.4	218.0	100.9
13.	NSC (MW)	510.0	510.0	510.0	478.0	478.0	478.0	491.3
14.	Oper MBtu	3001947	3264799	2720037	3428142	2686932	3102140	27630530
15.	Net Gen (MWH)	303714	322505	271314	337334	271723	301432	2730777
16.	ANOHR (Btu/KWH)	10214	10177	10276	10162	9888	10291	10245
17.	NOF %	85.7	89.5	83.1	94.7	90.2	84.8	84.3
18.	NPC (MW)	510.0	510.0	510.0	478.0	478.0	478.0	491.3

19.	ANOHR Equation	10^6 / AKW * [60.76 - 60.56 * JAN - 52.82 * FEB - 44.61 * MAR - 37.43 * OCT] + 11,284 - 0.00261 * LSRF / AKW

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Planned Outage Schedules (Actual)

Period of: January 1999 - December 1999

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. 000001-EI

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

James R. Douglass
Performance Test Specialist

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

Notary Public, State of Florida at Large

Jackie L Whipple
My Commission CC662984
Expires August 23, 2001

Commission Number:

Commission Expires: