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April 1, 2009

Ms. Ann Cole, Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee FL 32399-0870

RECEIVED-FPSC  
09 APR -2 AM 11:30  
COMMISSION  
CLERK

Dear Ms. Cole:

Enclosed for official filing in Docket No. 090001-EI are an original and ten copies of the following:

Prepared direct testimony and exhibit of M. A. Young III concerning the proposed Generating Performance Incentive Factor Results for January 2008 – December 2008.

Sincerely,

*Susan D. Ritenour (dw)*

mv

Enclosures

cc: Beggs & Lane  
Jeffrey A. Stone, Esq.

COM	5
ECR	1
GCL	1
OPC	1
RCP	1
SSC	1
SGA	1
ADM	1
CLK	1

DOCUMENT NUMBER-DATE

02918 APR-28

FPSC-COMMISSION CLERK

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

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

Docket No.: **090001-EI**

**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true copy of the foregoing was furnished by U. S. mail this 1st day of April, 2009, on the following:

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DOCUMENT NUMBER-DATE  
**02918 APR-28**

FPSC-COMMISSION CLERK

GULF POWER COMPANY  
TESTIMONY AND EXHIBITS OF  
M. A. YOUNG, III

GENERATING PERFORMANCE INCENTIVE FACTOR

RESULTS FOR

JANUARY 2008 - DECEMBER 2008

Before

THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 090001-EI



DOCUMENT NUMBER-DATE

2918 APR-28

FPSC-COMMISSION CLERK

1 **GULF POWER COMPANY**

2 **Before the Florida Public Service Commission**

3 **Direct Testimony of**

4 **M. A. Young, III**

5 **Docket No. 090001-EI**

6 **Date of Filing: April 3, 2009**

7

8 Q. Please state your name, address, and occupation.

9 A. My name is Melvin A. Young, III. My business address is One Energy Place,  
10 Pensacola, Florida 32520-0335. My current job position is Power Generation  
11 Specialist, Senior for Gulf Power Company.

12

13 Q. Please describe your educational and business background.

14 A. I received my Bachelor of Science degree in Mechanical Engineering from the  
15 University of Alabama in Birmingham in 1984. I joined the Southern Company  
16 with Alabama Power in 1981 as a co-op student and continued with Alabama  
17 Power upon graduation in 1984. During my time at Alabama Power, I worked at  
18 Plant Gorgas, Plant Gadsden and in Power Generation Services where I progressed  
19 through various engineering positions with increasing responsibilities as well as  
20 first line supervision in Operations and Maintenance. I joined Gulf Power in 1997  
21 as the Performance Engineer at Plant Crist. My primary responsibilities have been  
22 to monitor and test plant equipment and monitor overall plant heat rate. In addition  
23 to this, I have been responsible for major plant projects and was the primary  
24 reliability reporter. As previously mentioned in my testimony, my current job  
25 position is Power Generation Specialist, Senior at Gulf Power Company. In this

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FPSC-COMMISSION CLERK

1 position, I am responsible for preparing all Generating Performance Incentive  
2 Factor (GPIF) filings as well as other generating plant reliability and heat rate  
3 performance reporting for Gulf Power Company.  
4

5 Q. What is the purpose of your testimony in this proceeding?

6 A. The purpose of my testimony is to present GPIF results for Gulf Power Company  
7 for the period of January 1, 2008, through December 31, 2008.  
8

9 Q. Have you prepared an exhibit that contains information to which you will refer in  
10 your testimony?

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

12 Counsel: We ask that Mr. Young's Exhibit,  
13 consisting of five schedules, be marked  
14 for identification as Exhibit No. \_(MAY-1).  
15

16 Q. Is there any information that has been supplied to the Commission pertaining to  
17 this GPIF period that requires amendment?

18 A. Yes. Some corrections have been made to the actual unit performance data, which  
19 was submitted monthly to the Commission during this time period. These  
20 corrections are based on discoveries made during the final data review to ensure  
21 the accuracy of the information reported in this filing. The actual unit performance  
22 data tables on pages 16 through 31 of Schedule 5 of my exhibit incorporate these  
23 changes. The data contained in these tables is the data upon which the GPIF  
24 calculations were made.  
25

1 Q. Were average net operating heat rate (ANOHR) targets that include the BTU/LB  
2 independent variable approved in FPSC Order No. PSC-99-2512-FOF-EI used for  
3 Plant Daniel Units 1 and 2 for this period?

4 A. No. The target heat rate equations for Plant Daniel Units 1 and 2 did not include  
5 the BTU/LB independent variable originally approved in FPSC Order No. PSC-99-  
6 2512-FOF-EI. The BTU/LB variable has been incorporated in previous filings to  
7 account for the change in fuel mix at Plant Daniel, which was previously noted in  
8 the GPIF Target Filing for 2006 that was submitted to the FPSC on September 16,  
9 2005, as well as the GPIF Results Filing for 2005 that was submitted to the FPSC  
10 on April 3, 2006. The use of this BTU/LB variable was evaluated for the change in  
11 fuel mix at Plant Daniel, but the variable was not statistically significant and  
12 therefore not included in the target heat rate equation for Daniel 1 or Daniel 2.

13

14 Q. Please review the Company's equivalent availability results for the period.

15 A. Actual equivalent availability and adjusted actual equivalent availability figures for  
16 each of the Company's GPIF units are shown on page 15 of Schedule 5. Pages 3  
17 through 10 of Schedule 2 contain the calculations for the adjusted actual equivalent  
18 availabilities.

19

20 A calculation of GPIF availability points based on these availabilities and the  
21 targets established by FPSC Order No. PSC-08-0030-FOF-EI is on page 11 of  
22 Schedule 2. The results are: Crist 4, -10.00 points; Crist 5, +2.50 points;  
23 Crist 6, -10.00 points; Crist 7, +10.00 points; Smith 1, -10.00 points;  
24 Smith 2, +9.17 points; Daniel 1, -10.00 points; and Daniel 2, -10.00 points.

25

1 Q. What were the heat rate results for the period?

2 A. The detailed calculations of the actual average net operating heat rates for the  
3 Company's GPIF units are on pages 2 through 9 of Schedule 3.

4

5 As was done for the prior GPIF periods, and as indicated on pages 10 through 17 of  
6 Schedule 3, the target equations were used to adjust actual results to the target  
7 bases. These equations, submitted in September 2007, are shown on page 20 of  
8 Schedule 3. As calculated on page 21 of Schedule 3, the adjusted actual average  
9 net operating heat rates correspond to the following GPIF unit heat rate points:  
10 +1.75 for Crist 4, +2.81 for Crist 5, -6.02 for Crist 6, 0.00 for Crist 7,  
11 0.00 for Smith 1, -0.60 for Smith 2, 0.00 for Daniel 1, and +2.71 for Daniel 2.

12

13 Q. What number of Company points was achieved during the period, and what reward  
14 or penalty is indicated by these points according to the GPIF procedure?

15 A. Using the unit equivalent availability and heat rate points previously mentioned,  
16 along with the appropriate weighting factors, the number of Company points  
17 achieved was 0.36 as indicated on page 2 of Schedule 4. This calculated to a  
18 reward in the amount of \$113,177.

19

20 Q. Please summarize your testimony.

21 A. In view of the adjusted actual equivalent availabilities, as shown on page 11 of  
22 Schedule 2, and the adjusted actual average net operating heat rates achieved, as  
23 shown on page 21 of Schedule 3, evidencing the Company's performance for the  
24 period, Gulf calculates a reward in the amount of \$113,177 as provided for by the  
25 GPIF plan.

1

2 Q. Does this conclude your testimony?

3 A. Yes.

4

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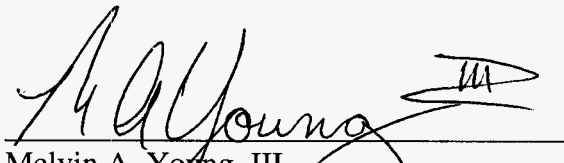


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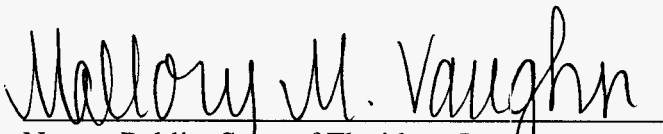
STATE OF FLORIDA     )  
                                  )  
COUNTY OF ESCAMBIA    )

Docket No. 090001-EI

Before me, the undersigned authority, personally appeared Melvin A. Young, III, who being first duly sworn, deposes, and says that he is the Power Generation Specialist, Senior for Gulf Power Company, a Florida corporation, and that the foregoing is true and correct to the best of his knowledge, information, and belief. He is personally known to me.

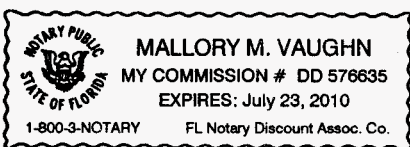
  
\_\_\_\_\_  
Melvin A. Young, III  
Power Generation Specialist, Senior

Sworn to and subscribed before me this 31st day of March, 2009.

  
\_\_\_\_\_  
Notary Public, State of Florida at Large

Commission Number: DD 570635

Commission Expires: July 23, 2010



Florida Public Service Commission  
Docket No. 090001-EI  
Gulf Power Company  
Witness: M. A. Young, III  
Exhibit No. \_\_\_\_ (MAY-1)

EXHIBIT TO THE TESTIMONY OF

M. A. YOUNG, III

IN FPSC DOCKET 090001-EI

I. CORRECTIONS TO REPORTED DATA FOR THE JANUARY 2008 - DECEMBER 2008 PERIOD

Additions and Corrections to Outages Previously Reported  
for the January 2008 - December 2008 Period

<u>Date</u>	<u>Unit</u>	<u>Change</u>	<u>Outage Type</u>	<u>Hours</u>	<u>MW</u>	<u>Description</u>
07/14/08	Crist 6	Event	PFO	6.3	0.0	Removed duplicate PFO
11/30/08	Crist 6	Event	PFO	20.3	42.0	Removed PFO
09/01/08	Crist 7	Event	PFO	12.0	0.0	Removed duplicate PFO
08/12/08	Daniel 2	Event	PFO	6.5	33.0	Removed PFO

II. CALCULATIONS OF EQUIVALENT AVAILABILITY POINTS

Comparison of Forecast and Actual Planned Outages  
for January 2008 - December 2008

<u>Unit</u>	<u>Note</u>	<u>Forecast Planned Outage Schedule</u>	<u>Forecast Hours*</u>	<u>Actual Planned Outage Schedule</u>	<u>Actual Hours*</u>
Crist 4	1	01/05/08 - 03/16/08	1727.0	01/05/08 - 03/17/08	1727.3
Crist 5	2	02/15/08 - 03/15/08	695.0	01/05/08 - 03/08/08	1526.5
	3	-	-	03/17/08 - 03/17/08	2.0
Crist 6	4	11/08/08 - 12/07/08	720.0	03/29/08 - 04/23/08	608.4
	5			04/29/08 - 04/29/08	1.1
	6			12/13/08 - 12/31/08	456.0
Crist 7	7	11/22/08 - 12/21/08	720.0	12/13/08 - 12/21/08	185.8
Smith 2	8	04/19/08 - 05/18/08	720.0	04/29/08 - 05/23/08	576.1
Daniel 1	9	11/08/08 - 11/16/08	216.0	-	
Daniel 2	10	03/03/08 - 03/16/08	336.0	03/03/08 - 03/13/08	227.9
	11	10/01/08 - 11/25/08	1345.0	10/28/08 - 12/16/08	1181.8
	12			12/16/08 - 12/16/08	2.6

\* Planned outage hours in the January 2008 - December 2008 period only.

- Notes:
1. The outage commenced as scheduled.
  2. The outage date and scope were changed subsequent to the target filing.
  3. This outage was for turbine overspeed test relative to the previous outage.
  4. The outage date and scope were changed subsequent to the target filing.
  5. This outage was for turbine overspeed test relative to the previous outage.
  6. The outage was added subsequent to the target filing.
  7. The outage date and scope were changed subsequent to the target filing.
  8. The outage date was changed subsequent to the target filing.
  9. The outage date was changed subsequent to the target filing.
  10. The outage commenced as scheduled.
  11. The outage date was changed subsequent to the target filing.
  12. This outage was for turbine overspeed test relative to the previous outage.

Calculation of Actual Equivalent Availability  
for January 2008 - December 2008  
Based on Target Planned Outage Hours  
Crist 4

Results of Operations

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
FOH	0.0 0.0	0.0 0.0	10.0 0.0	0.0 0.0	0.0 1.7	0.0 37.6	49.3
EFOH	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
MOH	0.0 0.0	0.0 0.0	0.0 0.0	0.0 30.0	0.0 0.0	0.0 185.3	215.3
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	744.0 744.0	696.0 744.0	743.0 720.0	720.0 744.0	744.0 721.0	720.0 744.0	8784.0
POH	648.0 0.0	696.0 0.0	383.3 0.0	0.0 0.0	0.0 0.0	0.0 0.0	1727.3
RSH	96.0 0.0	0.0 0.0	251.1 0.0	45.2 475.9	79.9 419.5	0.0 10.0	1377.6

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(49.3 + 0.0 + 215.3 + 0.0)}{(8784.0 - 1727.3 - 1377.6)}$$

EUOR = 0.0466

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

Target POH\* = 1727.0

Target RSH\* = 0.0

$$\text{EA} = \left[ 1 - \frac{(1727.0 + 0.0466 (8784.0 - 1727.0 - 0.0))}{8784.0} \right] \times 100 = 76.6 \%$$

Note: Please refer to page 12 of this Schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability  
for January 2008 - December 2008  
Based on Target Planned Outage Hours  
Crist 5

Results of Operations

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
FOH	0.0	0.0	0.0	24.5	0.0	0.0	
	0.0	0.0	0.0	0.0	1.9	0.0	26.4
EFOH	0.0	0.0	0.0	0.0	11.9	8.1	
	0.0	4.6	10.3	9.0	3.6	2.6	50.1
MOH	0.0	0.0	0.0	41.2	1.7	81.9	
	0.0	0.0	0.0	0.0	0.0	0.0	124.8
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	696.0	743.0	720.0	744.0	720.0	
	744.0	744.0	720.0	744.0	721.0	744.0	8784.0
POH	648.0	696.0	184.4	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	1528.4
RSH	96.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	96.0

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(26.4 + 50.1 + 124.8 + 0.0)}{(8784.0 - 1528.4 - 96.0)}$$

$$\text{EUOR} = 0.0281$$

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

$$\text{Target POH}^* = 720.0$$

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

$$\text{EA} = \left[ 1 - \frac{(720.0 + 0.0281 (8784.0 - 720.0 - 0.0))}{8784.0} \right] \times 100 = 89.2 \%$$

Note: Please refer to page 12 of this Schedule for an explanation of symbols.



Calculation of Actual Equivalent Availability  
for January 2008 - December 2008  
Based on Target Planned Outage Hours  
Crist 6

Results of Operations

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
POH	29.5 26.9	0.0 76.4	42.2 27.6	143.8 0.0	24.1 0.0	53.7 0.0	424.2
EFOH	23.7 10.4	6.8 0.0	0.5 5.3	0.0 0.3	0.6 0.0	2.2 0.0	49.8
MOH	57.1 0.0	25.4 55.7	0.0 49.2	0.0 0.0	29.4 26.8	11.0 0.0	254.6
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	744.0 744.0	696.0 744.0	743.0 720.0	720.0 744.0	744.0 721.0	720.0 744.0	8784.0
POH	0.0 0.0	0.0 0.0	71.7 0.0	537.8 0.0	0.0 0.0	0.0 456.0	1065.5
RSH	0.0 0.0	0.0 0.0	0.0 0.0	0.0 576.9	76.3 361.5	0.0 4.0	1018.7

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(424.2 + 49.8 + 254.6 + 0.0)}{(8784.0 - 1065.5 - 1018.7)}$$

$$\text{EUOR} = 0.1087$$

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

$$\text{Target POH}^* = 720.0$$

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

$$\text{EA} = \left[ 1 - \frac{(720.0 + 0.1087 (8784.0 - 720.0 - 0.0))}{8784.0} \right] \times 100 = 81.8 \%$$

Note: Please refer to page 12 of this Schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability  
for January 2008 - December 2008  
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	35.6 0.0	0.0 0.0	0.0 28.8	0.0 0.0	0.0 68.7	81.6 0.0	214.7
EFOH	1.9 5.3	4.3 5.6	28.4 1.4	11.8 0.0	0.2 14.4	2.5 15.5	91.3
MOH	0.0 58.3	0.0 33.6	0.0 71.3	97.8 0.0	0.0 0.0	0.0 30.1	291.1
EMOH	0.0 0.0	6.9 15.0	0.0 1.7	0.0 3.2	1.4 0.0	0.0 0.0	28.2
PH	744.0 744.0	696.0 744.0	743.0 720.0	720.0 744.0	744.0 721.0	720.0 744.0	8784.0
POH	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 185.8	185.8
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

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(214.7 + 91.3 + 291.1 + 28.2)}{(8784.0 - 185.8 - 0.0)}$$

EUOR = 0.0727

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

Target POH\* = 720.0

Target RSH\* = 0.0

$$\text{EA} = \left[ 1 - \frac{(720.0 + 0.0727 (8784.0 - 720.0 - 0.0))}{8784.0} \right] \times 100 = 85.1 \%$$

Note: Please refer to page 12 of this Schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability  
for January 2008 - December 2008  
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	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
EFOH	0.0 0.0	1.4 10.3	0.0 0.0	0.0 0.0	0.0 0.1	0.7 0.0	12.5
MOH	0.0 0.0	0.0 0.0	0.0 0.0	271.2 183.3	0.0 12.1	0.0 29.2	495.8
EMOH	0.0 0.7	0.0 0.3	4.6 0.0	11.1 1.2	0.0 0.0	0.0 0.0	17.9
PH	744.0 744.0	696.0 744.0	743.0 720.0	720.0 744.0	744.0 721.0	720.0 744.0	8784.0
POH	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
RSH	0.0 0.0	0.0 0.0	0.0 0.0	0.0 305.5	0.0 129.7	0.0 0.0	435.2

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(0.0 + 12.5 + 495.8 + 17.9)}{(8784.0 - 0.0 - 435.2)}$$

EUOR = 0.0630

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

Target POH\* = 0.0

Target RSH\* = 0.0

$$\text{EA} = \left[ 1 - \frac{(0.0 + 0.0630 (8784.0 - 0.0 - 0.0))}{8784.0} \right] \times 100 = 93.7 \%$$

Note: Please refer to page 12 of this Schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability  
for January 2008 - December 2008  
Based on Target Planned Outage Hours  
Smith 2

Results of Operations

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
FOH	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 1.7	1.7
EFOH	0.9 1.8	165.5 13.5	24.1 0.0	0.0 0.0	2.2 0.0	23.7 2.9	234.6
MOH	0.0 0.0	49.7 0.0	0.0 96.3	0.0 37.2	0.0 0.0	87.0 0.0	270.2
EMOH	0.0 0.0	0.0 0.0	0.0 0.6	0.0 0.0	0.0 0.0	0.0 0.0	0.6
PH	744.0 744.0	696.0 744.0	743.0 720.0	720.0 744.0	744.0 721.0	720.0 744.0	8784.0
POH	0.0 0.0	0.0 0.0	0.0 0.0	47.6 0.0	528.5 0.0	0.0 0.0	576.1
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

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(1.7 + 234.6 + 270.2 + 0.6)}{(8784.0 - 576.1 - 0.0)}$$

$$\text{EUOR} = 0.0618$$

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

$$\text{Target POH}^* = 720.0$$

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

$$\text{EA} = \left[ 1 - \frac{(720.0 + 0.0618 (8784.0 - 720.0 - 0.0))}{8784.0} \right] \times 100 = 86.1 \%$$

Note: Please refer to page 12 of this Schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability  
for January 2008 - December 2008  
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	0.0 4.0	14.0 316.8	57.3 671.6	0.0 4.0	0.0 0.0	0.0 0.0	1067.7
EFOH	21.4 2.3	7.1 1.2	1.4 0.8	3.1 0.4	0.1 0.8	3.5 1.8	43.9
MOH	0.0 0.0	62.6 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	62.6
EMOH	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.4 0.0	0.7 0.0	1.1
PH	744.0 744.0	696.0 744.0	743.0 720.0	720.0 744.0	744.0 721.0	720.0 744.0	8784.0
POH	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
RSH	0.0 0.0	140.8 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	140.8

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(1067.7 + 43.9 + 62.6 + 1.1)}{(8784.0 - 0.0 - 140.8)}$$

$$\text{EUOR} = 0.1360$$

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

$$\text{Target POH}^* = 216.0$$

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

$$\text{EA} = \left[ 1 - \frac{(216.0 + 0.1360 (8784.0 - 216.0 - 0.0))}{8784.0} \right] \times 100 = 84.3 \%$$

Note: Please refer to page 12 of this Schedule for an explanation of symbols.

Calculation of Actual Equivalent Availability  
for January 2008 - December 2008  
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	234.6 0.0	0.0 3.9	0.0 0.0	0.0 0.0	0.0 0.0	0.0 4.2	242.7
EFOH	2.9 0.4	4.2 7.7	1.7 4.4	1.5 1.0	2.9 0.0	0.3 7.9	34.9
MOH	28.8 0.0	0.0 0.0	17.3 0.0	100.4 0.0	74.9 0.0	0.0 0.0	221.4
EMOH	2.3 0.0	3.6 0.0	0.7 0.0	1.4 0.0	5.2 0.0	2.7 3.6	19.5
PH	744.0 744.0	696.0 744.0	743.0 720.0	720.0 744.0	744.0 721.0	720.0 744.0	8784.0
POH	0.0 0.0	0.0 0.0	227.9 0.0	0.0 96.0	0.0 721.0	0.0 367.4	1412.3
RSH	0.0 0.0	0.0 2.9	0.0 0.0	0.0 242.1	0.0 0.0	0.0 0.0	245.0

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(242.7 + 34.9 + 221.4 + 19.5)}{(8784.0 - 1412.3 - 245.0)}$$

$$\text{EUOR} = 0.0728$$

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

$$\text{Target POH}^* = 1680.0$$

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

$$\text{EA} = \left[ 1 - \frac{(1680.0 + 0.0728 (8784.0 - 1680.0 - 0.0))}{8784.0} \right] \times 100 = 75.0 \%$$

Note: Please refer to page 12 of this Schedule for an explanation of symbols.

Calculation of Equivalent Availability Points  
for January 2008 - December 2008

(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 4	78.9	76.6	78.3	-10.00
Crist 5	89.0	89.2	89.8	2.50
Crist 6	84.9	81.8	81.8	-10.00
Crist 7	82.1	85.1	85.0	10.00
Smith 1	97.0	93.7	95.7	-10.00
Smith 2	83.9	86.1	86.3	9.17
Daniel 1	93.8	84.3	92.1	-10.00
Daniel 2	77.6	75.0	76.2	-10.00

\* As appropriate from page 5, Schedule 3 of Exhibit to L. S. Noack's  
September 04, 2007 GPIF Testimony in Docket 070001-EI.

\*\* Refer to pages 3 through 10 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 2008 - December 2008

Crist 4

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	0.0 44518.0	0.0 41499.9	5354.0 40379.8	40648.2 13360.2	35955.5 16493.6	41506.3 30432.4	310147.9
BTU/Lb*	0.0 11626.9	0.0 11591.4	11674.4 11498.7	11454.2 11610.3	11467.0 11651.5	11612.9 11408.7	11542.4
Coal, MMBTU	0.0 517606.3	0.0 481041.9	62504.7 464315.2	465592.6 155115.9	412301.7 192175.2	482008.5 347194.1	3579856.1
Oil, MMBTU	0.0 109.2	0.0 228.1	111.1 1525.5	657.6 60.7	279.3 219.5	608.9 410.1	4210.0
Gas, MMBTU	0.0 166.0	0.0 278.0	6417.0 26889.0	11804.0 0.0	4191.0 2170.0	0.0 1464.0	53379.0
Startup, MMBTU **	0.0 0.0	0.0 0.0	-400.0 0.0	-400.0 0.0	-400.0 -400.0	0.0 -400.0	-2000.0
Total Fuel Consumption, MMBTU	0.0 517881.5	0.0 481548.0	68632.8 492729.7	477654.2 155176.6	416372.0 194164.7	482617.4 348668.2	3635445.1
Net MWH Generation***	0 47499	0 44809	4952 46048	46345 13753	39291 18229	43684 33197	337807
Average Net Operating Heat Rate	--- 10903	--- 10747	13860 10700	10306 11283	10597 10651	11048 10503	10762

\* 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 2008 - December 2008

Crist 5

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	0.0 47782.0	0.0 46789.2	25608.0 42155.9	40864.8 39762.0	43041.5 39041.9	38880.4 42834.3	406760.0
BTU/Lb*	0.0 11502.3	0.0 11576.0	11606.6 11514.2	11388.5 11548.8	11454.2 11680.3	11573.5 11371.6	11516.7
Coal, MMBTU	0.0 549602.9	0.0 541631.8	297221.8 485391.5	465388.8 459203.4	493005.9 456021.1	449982.3 487094.5	4684544.0
Oil, MMBTU	0.0 123.6	0.0 242.8	586.0 552.5	360.5 275.6	289.3 188.3	398.6 126.1	3143.3
Gas, MMBTU	0.0 363.0	0.0 2273.0	7748.0 24142.0	1285.0 0.0	305.0 283.0	3057.0 2734.0	42190.0
Startup, MMBTU **	0.0 0.0	0.0 0.0	-400.0 0.0	-400.0 0.0	0.0 0.0	-800.0 0.0	-1600.0
Total Fuel Consumption, MMBTU	0.0 550089.5	0.0 544147.6	305155.8 510086.0	466634.3 459479.0	493600.2 456492.4	452637.9 489954.6	4728277.3
Net MWH Generation***	0 50384	0 47754	31028 47115	45356 44047	45852 43761	40465 47022	442784
Average Net Operating Heat Rate	--- 10918	--- 11395	9835 10826	10288 10432	10765 10431	11186 10420	10679

\* 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 2008 - December 2008

Crist 6

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	170583.9 159359.1	167670.2 134390.4	102948.0 153894.5	4826.0 36859.5	125314.3 63482.4	137232.3 60097.6	1316658.2
BTU/Lb*	11365.2 11579.7	11465.5 11630.4	11550.8 11509.3	11594.0 11672.3	11542.5 11738.6	11656.1 11348.7	11536.2
Coal, MMBTU	1938720.1 1845330.6	1922422.7 1563014.1	1189131.8 1771218.0	55952.6 430235.1	1446440.3 745194.5	1599593.4 682029.6	15189282.8
Oil, MMBTU	0.0 0.0	0.0 1.5	0.0 0.0	0.0 0.0	0.0 0.0	24.7 0.0	26.2
Gas, MMBTU	2310.0 1848.0	2589.0 7329.0	6310.0 4728.0	13048.0 211.0	7163.0 12083.0	4152.0 570.0	62341.0
Startup, MMBTU **	-8080.0 -4040.0	-4040.0 -16160.0	-4040.0 -8080.0	-8080.0 0.0	-12120.0 -8080.0	-8080.0 0.0	-80800.0
Total Fuel Consumption, MMBTU	1932950.1 1843138.6	1920971.7 1554184.6	1191401.8 1767866.0	60920.6 430446.1	1441483.3 749197.5	1595690.1 682599.6	15170850.0
Net MWH Generation***	177033 172411	180542 137882	106316 158430	5498 36396	131040 71149	148447 65100	1390244
Average Net Operating Heat Rate	10919 10690	10640 11272	11206 11159	11081 11827	11000 10530	10749 10485	10912

\* 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 2008 - December 2008

Crist 7

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	293076.8 247666.4	286073.3 250157.3	215151.2 233174.9	236928.7 228870.1	259938.8 194938.2	220593.5 178281.0	2844850.2
BTU/Lb*	11264.6 11565.6	11461.5 11549.1	11603.4 11486.6	11537.8 11539.7	11491.6 11655.2	11662.8 11371.8	11509.4
Coal, MMBTU	3301392.9 2864410.5	3278829.1 2889091.7	2496485.4 2678386.8	2733636.0 2641092.3	2987112.7 2272043.7	2572737.9 2027375.9	32742594.9
Oil, MMBTU	118.9 203.0	48.6 518.1	16.1 338.9	170.6 60.0	25.7 588.2	285.8 821.3	3195.2
Gas, MMBTU	5259.0 4484.0	0.0 3659.0	0.0 3798.0	3927.0 0.0	214.0 1767.0	4099.0 6312.0	33519.0
Startup, MMBTU **	-2256.0 -4512.0	0.0 -2256.0	0.0 -4512.0	-2256.0 0.0	0.0 -2256.0	-4512.0 -4512.0	-27072.0
Total Fuel Consumption, MMBTU	3304514.8 2864585.5	3278877.7 2891012.8	2496501.5 2678011.7	2735477.6 2641152.3	2987352.4 2272142.9	2572610.7 2029997.2	32752237.1
Net MWH Generation***	316154 269656	306009 266162	226602 249379	257018 257933	275495 218306	239124 183950	3065788
Average Net Operating Heat Rate	10452 10623	10715 10862	11017 10739	10643 10240	10844 10408	10758 11036	10683

\* 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 2008 - December 2008

Smith 1

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	103540.6 92393.3	96391.3 90604.2	79370.9 85436.6	59039.3 30251.9	89627.7 73260.2	87589.3 90289.4	977794.7
BTU/Lb*	11444.2 11623.5	11490.5 11428.2	11571.5 11414.1	11527.3 11630.2	11578.1 11697.1	11803.0 11428.0	11544.6
Coal, MMBTU	1184939.3 1073933.5	1107584.2 1035442.9	918440.4 975181.9	680563.7 351835.6	1037718.5 856931.9	1033816.5 1031827.3	11288215.7
Oil, MMBTU	327.6 289.1	334.2 1342.9	243.2 831.2	2945.6 103.7	138.4 1738.7	304.3 1539.9	10138.8
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	0.0 0.0	-1928.0 0.0	0.0 -964.0	0.0 -964.0	-3856.0
Total Fuel Consumption, MMBTU	1185266.9 1074222.6	1107918.4 1036785.8	918683.6 976013.1	681581.3 351939.3	1037856.9 857706.6	1034120.8 1032403.2	11294498.5
Net MWH Generation***	116187 104096	108123 99918	89160 94159	66589 34356	102133 83489	99499 100455	1098164
Average Net Operating Heat Rate	10201 10320	10247 10376	10304 10366	10236 10244	10162 10273	10393 10277	10285

\* 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 2008 - December 2008

Smith 2

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	121657.8 108927.3	81127.5 111926.0	95415.1 93769.8	105911.5 97533.8	31455.1 106456.9	89248.8 105370.8	1148800.4
BTU/Lb*	11439.4 11614.7	11508.3 11414.4	11571.6 11448.4	11514.8 11611.1	11588.0 11727.7	11847.2 11426.6	11553.0
Coal, MMBTU	1391962.2 1265157.9	933639.6 1277568.1	1104105.4 1073514.2	1219549.7 1132474.7	364501.7 1248494.6	1057348.4 1204030.0	13272076.5
Oil, MMBTU	269.8 340.0	1907.3 1289.9	246.6 783.7	162.0 1600.7	3299.5 253.7	2347.5 717.0	13217.7
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	-1190.0 0.0	0.0 0.0	0.0 -1190.0	-1190.0 0.0	-1190.0 0.0	-4760.0
Total Fuel Consumption, MMBTU	1391962.0 1265497.9	934356.9 1278858.0	1104352.0 1074297.9	1219711.7 1132885.4	366611.2 1248748.3	1058505.9 1204747.0	13280534.2
Net MWH Generation***	135307 120915	89004 121420	105945 100881	117541 109149	34769 119880	100195 114698	1269704
Average Net Operating Heat Rate	10287 10466	10498 10533	10424 10649	10377 10379	10544 10417	10564 10504	10460

\* 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 2008 - December 2008

Daniel 1

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	337892.0 335254.0	207816.0 182904.0	324148.0 15818.0	325212.0 264956.0	337416.0 269626.0	325196.0 285024.0	3211262.0
BTU/Lb*	10708.0 10553.8	10491.1 10896.8	10545.3 11048.0	10744.5 9860.4	10605.7 10372.1	10682.0 10390.2	10537.8
Coal, MMBTU	3618147.5 3538203.7	2180218.4 1993068.3	3418237.9 174757.3	3494240.3 2612572.1	3578532.9 2796587.8	3473743.7 2961456.4	33839766.3
Oil, MMBTU	1.7 1338.7	1040.4 2358.3	3760.5 7230.6	3.4 5503.8	0.6 7.7	603.4 0.0	21849.1
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	-2388.7 -2388.7	0.0 0.0	0.0 0.0	0.0 0.0	-4777.4
Total Fuel Consumption, MMBTU	3618149.2 3539542.4	2181258.8 1995426.6	3419609.7 179599.2	3494243.7 2618075.9	3578533.5 2796595.5	3474347.1 2961456.4	33856838.0
Net MWH Generation***	355261 347405	219617 191753	338772 16382	349259 250618	349229 272923	343158 284323	3318700
Average Net Operating Heat Rate	10184 10189	9932 10406	10094 10963	10005 10446	10247 10247	10125 10416	10202

\* 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 2008 - December 2008

Daniel 2

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	207054.0 346338.0	298224.0 331418.0	221346.0 320018.0	271326.0 172422.0	302842.0 0.0	334698.0 113992.0	2919678.0
BTU/Lb*	10843.2 10273.7	10563.4 10529.7	10621.6 10623.5	10884.5 10461.7	10533.1 0.0	10421.7 11180.6	10584.6
Coal, MMBTU	2245127.9 3558172.7	3150259.4 3489732.1	2351048.7 3399711.2	2953247.8 1803827.2	3189865.1 0.0	3488122.1 1274499.0	30903613.2
Oil, MMBTU	9607.8 48.3	48.1 4098.7	11297.7 7235.6	3878.2 410.4	7905.1 0.0	22.6 12882.2	57434.7
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 **	-4777.4 0.0	0.0 0.0	-2388.7 0.0	-2388.7 0.0	-2388.7 0.0	0.0 -2388.7	-14332.2
Total Fuel Consumption, MMBTU	2249958.3 3558221.0	3150307.5 3493830.8	2359957.7 3406946.8	2954737.3 1804237.6	3195381.5 0.0	3488144.7 1284992.5	30946715.7
Net MWH Generation***	230517 358131	330839 345094	240149 342434	300596 181766	316558 0	351337 121352	3118773
Average Net Operating Heat Rate	9760 9936	9522 10124	9827 9949	9830 9926	10094 ---	9928 10589	9923

\* 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 January 2008 - December 2008  
Adjusted to Target Basis Using Heat Rate  
Equations Filed September 04, 2007

Crist 4

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10484 10758	0 10925	10534 10774	10426 10697	10782 10577	10914 10480	
2. Target Heat Rate at Actual Conditions**	10484 10949	0 11247	10237 11036	10454 10924	10824 10877	11149 10670	
3. Adjustment to Actual Heat Rate (1-2)	0 -191	0 -322	297 -262	-28 -227	-42 -300	-235 -190	
4. Actual Heat Rate (Page 2 of Sched. 3)	0 10903	0 10747	13860 10700	10306 11283	10597 10651	11048 10503	
5. Adjusted Actual Heat Rate (4+3)	0 10712	0 10425	14157 10438	10278 11056	10555 10351	10813 10313	
6. Net MWH Generation	0 47499	0 44809	4952 46048	46345 13753	39291 18229	43684 33197	
7. Adjusted Actual Heat Rate for January 2008 - December 2008 =(Σ(5*6)/Σ6)							10578

\* From pages 20 & 21, Schedule 3 of Exhibit to L. S. Noack's September 04, 2007 GPIF Testimony in Docket 070001-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 20 of this Schedule.

Calculation of Average Net Operating Heat Rate  
for January 2008 - December 2008  
Adjusted to Target Basis Using Heat Rate  
Equations Filed September 04, 2007

Crist 5

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10406 10689	10412 10680	10371 10779	10253 10732	10653 10400	10592 10457	
2. Target Heat Rate at Actual Conditions**	10406 10872	10412 10983	10885 11020	10342 11155	10908 10713	10865 10649	
3. Adjustment to Actual Heat Rate (1-2)	0 -183	0 -303	-514 -241	-89 -423	-255 -313	-273 -192	
4. Actual Heat Rate (Page 3 of Sched. 3)	0 10918	0 11395	9835 10826	10288 10432	10765 10431	11186 10420	
5. Adjusted Actual Heat Rate (4+3)	0 10735	0 11092	9321 10585	10199 10009	10510 10118	10913 10228	
6. Net MWH Generation	0 50384	0 47754	31028 47115	45356 44047	45852 43761	40465 47022	
7. Adjusted Actual Heat Rate for January 2008 - December 2008 =(Σ(5*6)/Σ6)							10409

\* From pages 22 & 23, Schedule 3 of Exhibit to L. S. Noack's September 04, 2007 GPIF Testimony in Docket 070001-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 20 of this Schedule.

Calculation of Average Net Operating Heat Rate  
for January 2008 - December 2008  
Adjusted to Target Basis Using Heat Rate  
Equations Filed September 04, 2007

Crist 6

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10419 10363	10237 10350	10096 10386	10401 10235	10488 10389	10583 10495	
2. Target Heat Rate at Actual Conditions**	10459 10663	10257 10790	11087 10617	11954 10630	10903 10898	11010 10756	
3. Adjustment to Actual Heat Rate (1-2)	-40 -300	-20 -440	-991 -231	-1553 -395	-415 -509	-427 -261	
4. Actual Heat Rate (Page 4 of Sched. 3)	10919 10690	10640 11272	11206 11159	11081 11827	11000 10530	10749 10485	
5. Adjusted Actual Heat Rate (4+3)	10879 10390	10620 10832	10215 10928	9528 11432	10585 10021	10322 10224	
6. Net MWH Generation	177033 172411	180542 137882	106316 158430	5498 36396	131040 71149	148447 65100	
7. Adjusted Actual Heat Rate for January 2008 - December 2008 =(Σ(5*6)/Σ6)							10582

\* From pages 24 & 25, Schedule 3 of Exhibit to L. S. Noack's September 04, 2007 GPIF Testimony in Docket 070001-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 20 of this Schedule.

Calculation of Average Net Operating Heat Rate  
for January 2008 - December 2008  
Adjusted to Target Basis Using Heat Rate  
Equations Filed September 04, 2007

Crist 7

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10351 10315	10058 10310	10554 10318	10520 10331	10370 10321	10545 10363	
2. Target Heat Rate at Actual Conditions**	10371 10545	10080 10617	11352 10512	10687 10741	10635 10801	10895 10734	
3. Adjustment to Actual Heat Rate (1-2)	-20 -230	-22 -307	-798 -194	-167 -410	-265 -480	-350 -371	
4. Actual Heat Rate (Page 5 of Sched. 3)	10452 10623	10715 10862	11017 10739	10643 10240	10844 10408	10758 11036	
5. Adjusted Actual Heat Rate (4+3)	10432 10393	10693 10555	10219 10545	10476 9830	10579 9928	10408 10665	
6. Net MWH Generation	316154 269656	306009 266162	226602 249379	257018 257933	275495 218306	239124 183950	
7. Adjusted Actual Heat Rate for January 2008 - December 2008 =(Σ(5*6)/Σ6)							10401

\* From pages 26 & 27, Schedule 3 of Exhibit to L. S. Noack's September 04, 2007 GPIF Testimony in Docket 070001-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 20 of this Schedule.

Calculation of Average Net Operating Heat Rate  
for January 2008 - December 2008  
Adjusted to Target Basis Using Heat Rate  
Equations Filed September 04, 2007

Smith 1

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10232 10298	10235 10225	10222 10231	10232 10156	10239 10236	10308 10247	
2. Target Heat Rate at Actual Conditions**	10229 10382	10233 10330	10415 10349	10262 10241	10314 10281	10397 10298	
3. Adjustment to Actual Heat Rate (1-2)	3 -84	2 -105	-193 -118	-30 -85	-75 -45	-89 -51	
4. Actual Heat Rate (Page 6 of Sched. 3)	10201 10320	10247 10376	10304 10366	10236 10244	10162 10273	10393 10277	
5. Adjusted Actual Heat Rate (4+3)	10204 10236	10249 10271	10111 10248	10206 10159	10087 10228	10304 10226	
6. Net MWH Generation	116187 104096	108123 99918	89160 94159	66589 34356	102133 83489	99499 100455	
7. Adjusted Actual Heat Rate for January 2008 - December 2008 =( $\Sigma(5*6)$ )/ $\Sigma 6$ )							10215

\* From pages 28 & 29 , Schedule 3 of Exhibit to L. S. Noack's September 04, 2007 GPIF Testimony in Docket 070001-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 20 of this Schedule.

Calculation of Average Net Operating Heat Rate  
for January 2008 - December 2008  
Adjusted to Target Basis Using Heat Rate  
Equations Filed September 04, 2007

Smith 2

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10327 10259	10329 10320	10322 10273	10340 10333	10251 10327	10328 10339	
2. Target Heat Rate at Actual Conditions**	10321 10321	10587 10361	10440 10308	10335 10375	10287 10346	10405 10389	
3. Adjustment to Actual Heat Rate (1-2)	6 -62	-258 -41	-118 -35	5 -42	-36 -19	-77 -50	
4. Actual Heat Rate (Page 7 of Sched. 3)	10287 10466	10498 10533	10424 10649	10377 10379	10544 10417	10564 10504	
5. Adjusted Actual Heat Rate (4+3)	10293 10404	10240 10492	10306 10614	10382 10337	10508 10398	10487 10454	
6. Net MWH Generation	135307 120915	89004 121420	105945 100881	117541 109149	34769 119880	100195 114698	
7. Adjusted Actual Heat Rate for January 2008 - December 2008 =(Σ(5*6)/Σ6)							10403

\* From pages 30 & 31, Schedule 3 of Exhibit to L. S. Noack's September 04, 2007 GPIF Testimony in Docket 070001-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 20 of this Schedule.

Calculation of Average Net Operating Heat Rate  
for January 2008 - December 2008  
Adjusted to Target Basis Using Heat Rate  
Equations Filed September 04, 2007

Daniel 1

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10123 10114	10122 10101	10078 10124	10125 10200	10199 10122	10145 10153	
2. Target Heat Rate at Actual Conditions**	10142 10167	10201 10235	10093 10740	10119 10739	10167 10523	10145 10505	
3. Adjustment to Actual Heat Rate (1-2)	-19 -53	-79 -134	-15 -616	6 -539	32 -401	0 -352	
4. Actual Heat Rate*** (Page 8 of Sched. 3)	10184 10189	9932 10406	10094 10963	10005 10446	10247 10247	10125 10416	
5. Adjusted Actual Heat Rate (4+3)	10165 10136	9853 10272	10079 10347	10011 9907	10279 9846	10125 10064	
6. Net MWH Generation	355261 347405	219617 191753	338772 16382	349259 250618	349229 272923	343158 284323	
7. Adjusted Actual Heat Rate for January 2008 - December 2008 =( $\Sigma(5*6) / \Sigma 6$ )							10077

\* From pages 32 & 33, Schedule 3 of Exhibit to L. S. Noack's September 04, 2007 GPIF Testimony in Docket 070001-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 20 of this Schedule.



Calculation of Average Net Operating Heat Rate  
for January 2008 - December 2008  
Adjusted to Target Basis Using Heat Rate  
Equations Filed September 04, 2007

Daniel 2

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10069 10068	10066 10057	9813 9874	10065 -	9879 10136	10073 10086	
2. Target Heat Rate at Actual Conditions**	10092 10089	10099 10112	9830 9896	10082 10151	9875 10136	10078 10483	
3. Adjustment to Actual Heat Rate (1-2)	-23 -21	-33 -55	-17 -22	-17 -135	4 0	-5 -397	
4. Actual Heat Rate*** (Page 9 of Sched. 3)	9760 9936	9522 10124	9827 9949	9830 9926	10094 0	9928 10589	
5. Adjusted Actual Heat Rate (4+3)	9737 9915	9489 10069	9810 9927	9813 9791	10098 0	9923 10192	
6. Net MWH Generation	230517 358131	330839 345094	240149 342434	300596 181766	316558 0	351337 121352	
7. Adjusted Actual Heat Rate for January 2008 - December 2008 =(Σ(5*6) / Σ6)							9880

\* From pages 34 & 35, Schedule 3 of Exhibit to L. S. Noack's September 04, 2007 GPIF Testimony in Docket 070001-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 20 of this Schedule.

Actual Values of  
Target Heat Rate Equation Parameters  
for January 2008 - December 2008

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec
Crist 4						
+3						
AKW * 10	0.0	0.0	50.2	68.7	59.2	60.7
	63.8	60.2	64.0	57.8	60.8	65.0
+6						
LSRF * 10	0.0	0.0	2757.9	4850.3	3695.8	3837.8
	4219.8	3765.1	4205.2	3470.8	3798.9	4304.9
Crist 5						
+3						
AKW * 10	0.0	0.0	55.5	69.3	61.8	63.4
	67.7	64.2	65.4	59.2	60.9	63.2
+6						
LSRF * 10	0.0	0.0	3253.1	4963.2	4023.7	4191.6
	4703.9	4279.2	4400.3	3690.0	3846.9	4098.7
Crist 6						
+3						
AKW * 10	269.3	269.2	169.0	143.2	213.4	226.5
	240.4	225.3	246.3	217.8	213.9	229.2
+6						
LSRF * 10	74241.9	74433.9	30511.2	24827.5	50524.7	54875.4
	61006.0	54302.6	63487.1	50321.4	48914.6	54545.9
Crist 7						
+3						
AKW * 10	446.3	439.7	305.0	413.1	370.3	374.6
	393.3	374.7	402.3	346.7	334.7	348.3
+6						
LSRF * 10	201595.3	195098.6	98207.0	176631.8	145685.7	147542.8
	160976.4	148076.4	167171.3	127159.6	117266.0	127132.4
Smith 1						
+3						
AKW * 10	156.2	155.3	120.0	148.4	137.3	138.2
	139.9	134.3	130.8	134.6	144.1	140.5
+6						
LSRF * 10	24550.2	24303.7	14653.6	22583.1	19409.3	19719.0
	20355.5	18864.9	18490.0	18814.6	21301.3	20233.3
Smith 2						
+3						
AKW * 10	181.9	137.7	142.6	174.8	161.3	158.3
	162.5	163.2	161.7	154.4	166.3	154.5
+6						
LSRF * 10	33422.0	21603.3	21009.7	31097.6	27217.6	26341.5
	27714.5	27335.3	26956.8	24318.8	28178.2	24612.9

Actual Values of  
Target Heat Rate Equation Parameters  
for January 2008 - December 2008

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec
Daniel 1						
+3						
AKW * 10	477.5	458.9	494.1	485.1	469.4	476.6
	469.5	448.9	338.5	338.7	378.5	382.2
+6						
LSRF * 10	232881.8	216030.3	245149.6	238111.7	225377.2	230454.0
	224517.8	209866.1	148194.3	131764.7	155593.4	158912.5
Daniel 2						
+3						
AKW * 10	479.6	475.3	482.4	485.1	473.1	488.0
	481.4	468.1	475.6	447.8	0.0	325.9
+6						
LSRF * 10	235874.5	231220.0	242340.2	239322.8	229604.3	239798.5
	234421.2	225503.2	228653.2	205660.8	0.0	124781.7

Target Heat Rate Equations

Crist 4 ANOHR =  $10^6 / AKW * [-508.01 + 11.33 * MAR + 21.63 * MAY + 36.12 * JUN + 26.37 * JUL + 39.93 * AUG + 26.37 * SEP + 18.89 * OCT + 12.20 * NOV] + 28,136 - 0.14571 * LSRF / AKW$

Crist 5 ANOHR =  $10^6 / AKW * [107.79 - 10.84 * APR + 13.62 * MAY + 14.07 * JUN + 22.79 * JUL + 23.21 * AUG + 28.04 * SEP + 23.17 * OCT] + 8,943$

Crist 6 ANOHR =  $10^6 / AKW * [457.20 - 54.35 * FEB - 64.08 * MAR + 52.17 * JUN - 50.16 * OCT] + 8,761$

Crist 7 ANOHR =  $10^6 / AKW * [575.62 - 135.35 * FEB + 117.15 * MAR + 87.68 * APR + 104.03 * JUN] + 9,081$

Smith 1 ANOHR =  $10^6 / AKW * [96.28 + 12.10 * JUN + 11.27 * JUL - 11.78 * OCT] + 9,613$

Smith 2 ANOHR =  $10^6 / AKW * [275.87 - 16.87 * MAY - 11.84 * JUL - 10.07 * SEP] + 7,294 + 0.00822 * LSRF / AKW$

Daniel 1 ANOHR =  $10^6 / AKW * [695.23] + 8,686$

Daniel 2 ANOHR =  $10^6 / AKW * [398.00 - 123.89 * MAR - 108.06 * MAY - 96.34 * SEP] + 9,262$

Where:

ANOHR	Average Net Operating Heat Rate, BTU/KWH
AKW	Average Kilowatt Load, KW
LSRF	Load Square Range Factor, KW <sup>2</sup>
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 2008 - December 2008

(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 4	10696	10578	10375	1.75
Crist 5	10552	10409	10235	2.81
Crist 6	10365	10582	10054	-6.02
Crist 7	10375	10401	10064	0.00
Smith 1	10238	10215	9931	0.00
Smith 2	10314	10403	10005	-0.60
Daniel 1	10132	10077	9828	0.00
Daniel 2	10016	9880	9716	2.71

\* From page 5, Schedule 3 of Exhibit to L. S. Noack's September 04, 2007 GPIF Testimony in Docket 070001-EI.

\*\* Refer to pages 10 through 17 of this Schedule for calculation.

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

(2) - (3) - 75

If [ (2) - (3) - 75 ] > 0 then points = ----- \* 10

(2) - (4) - 75

(2) - (3) + 75

If [ (2) - (3) + 75 ] < 0 then points = ----- \* 10

(2) - (4) - 75

IV. CALCULATION OF COMPANY GPIF POINTS AND REWARD/PENALTY

Calculation of Heat Rate Points  
GPIF Points and Reward or Penalty  
for January 2008 - December 2008

Unit	Availability Points	Availability* Weighting Factor	Heat Rate Points	Heat Rate* Weighting Factor
Crist 4	-10.00	0.001	1.75	0.033
Crist 5	2.50	0.002	2.81	0.037
Crist 6	-10.00	0.020	-6.02	0.111
Crist 7	10.00	0.085	0.00	0.213
Smith 1	-10.00	0.012	0.00	0.090
Smith 2	9.17	0.037	-0.60	0.085
Daniel 1	-10.00	0.007	0.00	0.129
Daniel 2	-10.00	0.020	2.71	0.116

$$\begin{aligned}
\text{Company GPIF Points} = & - 10.00 * 0.001 + 1.75 * 0.033 \\
& + 2.50 * 0.002 + 2.81 * 0.037 \\
& - 10.00 * 0.020 - 6.02 * 0.111 \\
& + 10.00 * 0.085 + 0.00 * 0.213 \\
& - 10.00 * 0.012 + 0.00 * 0.090 \\
& + 9.17 * 0.037 - 0.60 * 0.085 \\
& - 10.00 * 0.007 + 0.00 * 0.129 \\
& - 10.00 * 0.020 + 2.71 * 0.116 \\
= & 0.36
\end{aligned}$$

$$\begin{aligned}
\text{Company reward/penalty} = & 0.36 \text{ points} * \$314380 \text{ per point} \\
= & \$113,177
\end{aligned}$$

\* From page 5, Schedule 3 of Exhibit to L. S. Noack's  
September 04, 2007 GPIF Testimony in Docket 070001-EI.

V. GPIF MINIMUM FILING REQUIREMENTS FOR THE JANUARY 2008 - DECEMBER 2008 PERIOD



CONTENTS	SCHEDULE 5 <u>PAGE</u>
GPIF Reward/Penalty Table (Actual)	3
GPIF Calculation of Maximum Allowed Incentive Dollars (Actual)	4
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GPIF Unit Performance Summary	14
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Generating Performance Incentive Factor

Actual Reward/Penalty Table

Gulf Power Company

Period of: January 2008 - December 2008

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	10482	3144
+ 9	9434	2829
+ 8	8386	2515
+ 7	7337	2201
+ 6	6289	1886
+ 5	5241	1572
+ 4	4193	1258
+ 3	3145	943
+ 2	2096	629
+ 1	1048	314
0	0	0
- 1	-1159	-314
- 2	-2318	-629
- 3	-3476	-943
- 4	-4635	-1258
- 5	-5794	-1572
- 6	-6953	-1886
- 7	-8112	-2201
- 8	-9270	-2515
- 9	-10429	-2829
- 10	-11588	-3144
	Minimum Attainable Fuel Loss	Maximum Incentive Dollars Allowed by Commission During Period (Penalty)

Issued by: S. N. Story

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Schedule 5

Filed: April 01, 2009  
Suspended:  
Effective: April 01, 2009  
Docket No.: 090001-EI  
Order No.:

Generating Performance Incentive Factor  
Calculation of Maximum Allowed Incentive Dollars

Actual

Gulf Power Company

Period of: January 2008 - December 2008

Line 1	Beginning of Period Balance of Common Equity	\$729,252,993
	End of Month Balance of Common Equity:	
Line 2	Month of Jan '08	\$786,564,902
Line 3	Month of Feb '08	\$792,854,578
Line 4	Month of Mar '08	\$797,551,294
Line 5	Month of Apr '08	\$781,638,839
Line 6	Month of May '08	\$791,942,963
Line 7	Month of Jun '08	\$806,137,666
Line 8	Month of Jul '08	\$799,399,512
Line 9	Month of Aug '08	\$811,708,622
Line 10	Month of Sep '08	\$825,722,058
Line 11	Month of Oct '08	\$810,956,655
Line 12	Month of Nov '08	\$816,398,295
Line 13	Month of Dec '08	\$820,089,964
Line 14	Average Common Equity for the Period (sum of line 1 through line 13 divided by 13)	\$797,709,103
Line 15	25 Basis Points	0.0025
Line 16	Revenue Expansion Factor	61.3808%
Line 17	Maximum Allowed Incentive Dollars (line 14 multiplied by line 15 divided by line 16 multiplied by 1.0)	\$3,249,017
Line 18	Jurisdictional Sales (KWH)	11,543,399,139
Line 19	Total Territorial Sales (KWH)	11,929,722,895
Line 20	Jurisdictional Separation Factor (line 18 divided by line 19)	96.7617%
Line 21	Maximum Allowed Jurisdictional Incentive Dollars (line 17 multiplied by line 20)	\$3,143,803

Issued by: S. N. Story

Page 4 of 32  
Schedule 5

Filed: April 01, 2009  
Suspended:  
Effective: April 01, 2009  
Docket No.: 090001-EI  
Order No.:

## Calculation of System Actual GPIF Points

Gulf Power Company

Period of: January 2008 - December 2008

Plant & Unit	Performance Indicator (EAF or ANOHR)	Weighting Factor	Unit Points	Weighted Unit Points
Crist 4	EAF1	0.1%	-10.00	-0.011
Crist 4	ANOHR1	3.3%	1.75	0.058
Crist 5	EAF2	0.2%	2.50	0.005
Crist 5	ANOHR2	3.7%	2.81	0.103
Crist 6	EAF3	2.0%	-10.00	-0.199
Crist 6	ANOHR3	11.1%	-6.02	-0.669
Crist 7	EAF4	8.5%	10.00	0.855
Crist 7	ANOHR4	21.3%	0.00	0.000
Smith 1	EAF5	1.2%	-10.00	-0.119
Smith 1	ANOHR5	9.0%	0.00	0.000
Smith 2	EAF6	3.7%	9.17	0.343
Smith 2	ANOHR6	8.5%	-0.60	-0.051
Daniel 1	EAF7	0.7%	-10.00	-0.070
Daniel 1	ANOHR7	12.9%	0.00	0.000
Daniel 2	EAF8	2.0%	-10.00	-0.200
Daniel 2	ANOHR8	11.6%	2.71	0.314
Gulf Power GPIF Total		100.0%		0.36

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## Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2008 - December 2008

Crist 4

Equivalent Availability Points	Fuel Savings/ Loss (\$000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss (\$000)	Adjusted Actual Heat Rate
+ 10	12	79.40	+ 10	350	10,375
+ 9	11	79.35	+ 9	315	10,400
+ 8	10	79.30	+ 8	280	10,424
+ 7	8	79.25	+ 7	245	10,449
+ 6	7	79.20	+ 6	210	10,473
+ 5	6	79.15	+ 5	175	10,498
+ 4	5	79.10	+ 4	140	10,523
+ 3	4	79.05	+ 3	105	10,547
+ 2	2	79.00	+ 2	70	10,572
+ 1	1	78.95	+ 1	35	10,596
0	0	78.90	0	0	10,621
				0	10,696
				0	10,771
- 1	(3)	78.84	- 1	(35)	10,796
- 2	(6)	78.78	- 2	(70)	10,820
- 3	(9)	78.72	- 3	(105)	10,845
- 4	(12)	78.66	- 4	(140)	10,869
- 5	(15)	78.60	- 5	(175)	10,894
- 6	(18)	78.54	- 6	(210)	10,919
- 7	(21)	78.48	- 7	(245)	10,943
- 8	(24)	78.42	- 8	(280)	10,968
- 9	(27)	78.36	- 9	(315)	10,992
- 10	(30)	78.30	- 10	(350)	11,017
Weighting Factor:		0.0011	Weighting Factor:		0.0330

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## Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2008 - December 2008

Crist 5

Equivalent Availability Points	Fuel Savings/ Loss (\$000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss (\$000)	Adjusted Actual Heat Rate
+ 10	23	89.80	+ 10	385	10,235
+ 9	21	89.72	+ 9	347	10,259
+ 8	18	89.64	+ 8	308	10,283
+ 7	16	89.56	+ 7	270	10,308
+ 6	14	89.48	+ 6	231	10,332
+ 5	12	89.40	+ 5	193	10,356
+ 4	9	89.32	+ 4	154	10,380
+ 3	7	89.24	+ 3	116	10,404
+ 2	5	89.16	+ 2	77	10,429
+ 1	2	89.08	+ 1	39	10,453
0	0	89.00	0	0	10,477
				0	10,552
				0	10,627
- 1	(3)	88.87	- 1	(39)	10,651
- 2	(7)	88.74	- 2	(77)	10,675
- 3	(10)	88.61	- 3	(116)	10,700
- 4	(14)	88.48	- 4	(154)	10,724
- 5	(17)	88.35	- 5	(193)	10,748
- 6	(20)	88.22	- 6	(231)	10,772
- 7	(24)	88.09	- 7	(270)	10,796
- 8	(27)	87.96	- 8	(308)	10,821
- 9	(31)	87.83	- 9	(347)	10,845
- 10	(34)	87.70	- 10	(385)	10,869
Weighting Factor:		0.0022	Weighting Factor:		0.0367

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## Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2008 - December 2008

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	209	87.00	+ 10	1,165	10,054
+ 9	188	86.79	+ 9	1,049	10,078
+ 8	167	86.58	+ 8	932	10,101
+ 7	146	86.37	+ 7	816	10,125
+ 6	125	86.16	+ 6	699	10,148
+ 5	105	85.95	+ 5	583	10,172
+ 4	84	85.74	+ 4	466	10,196
+ 3	63	85.53	+ 3	350	10,219
+ 2	42	85.32	+ 2	233	10,243
+ 1	21	85.11	+ 1	117	10,266
0	0	84.90	0	0	10,290
				0	10,365
				0	10,440
- 1	(44)	84.59	- 1	(117)	10,464
- 2	(88)	84.28	- 2	(233)	10,487
- 3	(133)	83.97	- 3	(350)	10,511
- 4	(177)	83.66	- 4	(466)	10,534
- 5	(221)	83.35	- 5	(583)	10,558
- 6	(265)	83.04	- 6	(699)	10,582
- 7	(309)	82.73	- 7	(816)	10,605
- 8	(354)	82.42	- 8	(932)	10,629
- 9	(398)	82.11	- 9	(1,049)	10,652
- 10	(442)	81.80	- 10	(1,165)	10,676
Weighting Factor:		0.0199	Weighting Factor:		0.1111

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## Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2008 - December 2008

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	896	85.00	+ 10	2,230	10,064
+ 9	806	84.71	+ 9	2,007	10,088
+ 8	717	84.42	+ 8	1,784	10,111
+ 7	627	84.13	+ 7	1,561	10,135
+ 6	538	83.84	+ 6	1,338	10,158
+ 5	448	83.55	+ 5	1,115	10,182
+ 4	358	83.26	+ 4	892	10,206
+ 3	269	82.97	+ 3	669	10,229
+ 2	179	82.68	+ 2	446	10,253
+ 1	90	82.39	+ 1	223	10,276
0	0	82.10	0	0	10,300
				0	10,375
				0	10,450
- 1	(132)	81.66	- 1	(223)	10,474
- 2	(263)	81.22	- 2	(446)	10,497
- 3	(395)	80.78	- 3	(669)	10,521
- 4	(527)	80.34	- 4	(892)	10,544
- 5	(659)	79.90	- 5	(1,115)	10,568
- 6	(790)	79.46	- 6	(1,338)	10,592
- 7	(922)	79.02	- 7	(1,561)	10,615
- 8	(1,054)	78.58	- 8	(1,784)	10,639
- 9	(1,185)	78.14	- 9	(2,007)	10,662
- 10	(1,317)	77.70	- 10	(2,230)	10,686
Weighting Factor:		0.0855	Weighting Factor:		0.2127

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## Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2008 - December 2008

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	125	97.90	+ 10	948	9,931
+ 9	113	97.81	+ 9	853	9,954
+ 8	100	97.72	+ 8	758	9,977
+ 7	88	97.63	+ 7	664	10,001
+ 6	75	97.54	+ 6	569	10,024
+ 5	63	97.45	+ 5	474	10,047
+ 4	50	97.36	+ 4	379	10,070
+ 3	38	97.27	+ 3	284	10,093
+ 2	25	97.18	+ 2	190	10,117
+ 1	13	97.09	+ 1	95	10,140
0	0	97.00	0	0	10,163
				0	10,238
				0	10,313
- 1	(16)	96.87	- 1	(95)	10,336
- 2	(33)	96.74	- 2	(190)	10,359
- 3	(49)	96.61	- 3	(284)	10,383
- 4	(66)	96.48	- 4	(379)	10,406
- 5	(82)	96.35	- 5	(474)	10,429
- 6	(98)	96.22	- 6	(569)	10,452
- 7	(115)	96.09	- 7	(664)	10,475
- 8	(131)	95.96	- 8	(758)	10,499
- 9	(148)	95.83	- 9	(853)	10,522
- 10	(164)	95.70	- 10	(948)	10,545
Weighting Factor:		0.0119	Weighting Factor:		0.0904

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## Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2008 - December 2008

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	392	86.30	+ 10	892	10,005
+ 9	353	86.06	+ 9	803	10,028
+ 8	314	85.82	+ 8	714	10,052
+ 7	274	85.58	+ 7	624	10,075
+ 6	235	85.34	+ 6	535	10,099
+ 5	196	85.10	+ 5	446	10,122
+ 4	157	84.86	+ 4	357	10,145
+ 3	118	84.62	+ 3	268	10,169
+ 2	78	84.38	+ 2	178	10,192
+ 1	39	84.14	+ 1	89	10,216
0	0	83.90	0	0	10,239
				0	10,314
				0	10,389
- 1	(57)	83.54	- 1	(89)	10,412
- 2	(115)	83.18	- 2	(178)	10,436
- 3	(172)	82.82	- 3	(268)	10,459
- 4	(230)	82.46	- 4	(357)	10,483
- 5	(287)	82.10	- 5	(446)	10,506
- 6	(344)	81.74	- 6	(535)	10,529
- 7	(402)	81.38	- 7	(624)	10,553
- 8	(459)	81.02	- 8	(714)	10,576
- 9	(517)	80.66	- 9	(803)	10,600
- 10	(574)	80.30	- 10	(892)	10,623
Weighting Factor:		0.0374	Weighting Factor:		0.0851

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## Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2008 - December 2008

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	73	94.90	+ 10	1,357	9,828
+ 9	66	94.79	+ 9	1,221	9,851
+ 8	58	94.63	+ 8	1,086	9,874
+ 7	51	94.57	+ 7	950	9,897
+ 6	44	94.46	+ 6	814	9,920
+ 5	37	94.35	+ 5	679	9,943
+ 4	29	94.24	+ 4	543	9,965
+ 3	22	94.13	+ 3	407	9,988
+ 2	15	94.02	+ 2	271	10,011
+ 1	7	93.91	+ 1	136	10,034
0	0	93.80	0	0	10,057
				0	10,132
				0	10,207
- 1	(21)	93.63	- 1	(136)	10,230
- 2	(41)	93.46	- 2	(271)	10,253
- 3	(62)	93.29	- 3	(407)	10,276
- 4	(82)	93.12	- 4	(543)	10,299
- 5	(103)	92.95	- 5	(679)	10,322
- 6	(123)	92.78	- 6	(814)	10,344
- 7	(144)	92.61	- 7	(950)	10,367
- 8	(164)	92.44	- 8	(1,086)	10,390
- 9	(185)	92.27	- 9	(1,221)	10,413
- 10	(205)	92.10	- 10	(1,357)	10,436
Weighting Factor:	0.0070		Weighting Factor:	0.1295	

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## Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2008 - December 2008

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	210	78.60	+ 10	1,215	9,716
+ 9	189	78.50	+ 9	1,094	9,739
+ 8	168	78.40	+ 8	972	9,761
+ 7	147	78.30	+ 7	851	9,784
+ 6	126	78.20	+ 6	729	9,806
+ 5	105	78.10	+ 5	608	9,829
+ 4	84	78.00	+ 4	486	9,851
+ 3	63	77.90	+ 3	365	9,874
+ 2	42	77.80	+ 2	243	9,896
+ 1	21	77.70	+ 1	122	9,919
0	0	77.60	0	0	9,941
				0	10,016
				0	10,091
- 1	(28)	77.46	- 1	(122)	10,114
- 2	(56)	77.32	- 2	(243)	10,136
- 3	(84)	77.18	- 3	(365)	10,159
- 4	(112)	77.04	- 4	(486)	10,181
- 5	(140)	76.90	- 5	(608)	10,204
- 6	(168)	76.76	- 6	(729)	10,226
- 7	(196)	76.62	- 7	(851)	10,249
- 8	(224)	76.48	- 8	(972)	10,271
- 9	(252)	76.34	- 9	(1,094)	10,294
- 10	(280)	76.20	- 10	(1,215)	10,316
Weighting Factor:		0.0200	Weighting Factor:		0.1159

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## GPIF Unit Performance Summary

## Gulf Power Company

Period of: January 2008 - December 2008

Plant & Unit	Weighting Factor %	EAF Target %	EAF Range		Max Fuel Savings (\$000)	Max Fuel Loss (\$000)	EAF Adjusted Actual %	Actual Fuel Savings/ Loss (\$000)
			Max %	Min %				
Crist 4	0.1	78.9	79.4	78.3	\$12	(\$30)	76.6	(\$30)
Crist 5	0.2	89.0	89.8	87.7	\$23	(\$34)	89.2	\$6
Crist 6	2.0	84.9	87.0	81.8	\$209	(\$442)	81.8	(\$442)
Crist 7	8.5	82.1	85.0	77.7	\$896	(\$1,317)	85.1	\$896
Smith 1	1.2	97.0	97.9	95.7	\$125	(\$164)	93.7	(\$164)
Smith 2	3.7	83.9	86.3	80.3	\$392	(\$574)	86.1	\$359
Daniel 1	0.7	93.8	94.9	92.1	\$73	(\$205)	84.3	(\$205)
Daniel 2	2.0	77.6	78.6	76.2	\$210	(\$280)	75.0	(\$280)
Total:	18.5							

Plant & Unit	Weighting Factor %	ANOHR Target BTU/KWH	Target NCF	ANOHR Range		Max Fuel Savings (\$000)	Max Fuel Loss (\$000)	ANOHR Adjusted Actual BTU/KWH	Actual Fuel Savings/ Loss (\$000)
				Max BTU/KWH	Min BTU/KWH				
Crist 4	3.3	10,696	94.1	11,017	10,375	\$350	(\$350)	10,578	\$61
Crist 5	3.7	10,552	94.4	10,869	10,235	\$385	(\$385)	10,409	\$108
Crist 6	11.1	10,365	92.3	10,676	10,054	\$1,165	(\$1,165)	10,582	(\$701)
Crist 7	21.3	10,375	97.7	10,686	10,064	\$2,230	(\$2,230)	10,401	\$0
Smith 1	9.0	10,238	96.0	10,545	9,931	\$948	(\$948)	10,215	\$0
Smith 2	8.5	10,314	94.3	10,623	10,005	\$892	(\$892)	10,403	(\$54)
Daniel 1	12.9	10,132	95.6	10,436	9,828	\$1,357	(\$1,357)	10,077	\$0
Daniel 2	11.6	10,016	96.2	10,316	9,716	\$1,215	(\$1,215)	9,880	\$329
Total:	81.5								

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## Actual Unit Performance Data

Gulf Power Company

Period of: January 2008 - December 2008

Plant & Unit	Actual EAF %	Adjustments* to EAF %	Adjusted Actual %
Crist 4	77.3	-0.7	76.6
Crist 5	80.3	8.9	89.2
Crist 6	79.6	2.2	81.8
Crist 7	90.8	-5.7	85.1
Smith 1	94.0	-0.3	93.7
Smith 2	87.7	-1.6	86.1
Daniel 1	86.6	-2.3	84.3
Daniel 2	78.0	-3.0	75.0

Plant & Unit	Actual ANOHR BTU/KWH	Adjustments** to ANOHR BTU/KWH	ANOHR Adjusted Actual BTU/KWH
Crist 4	10,762	-184	10,578
Crist 5	10,679	-270	10,409
Crist 6	10,912	-330	10,582
Crist 7	10,683	-282	10,401
Smith 1	10,285	-70	10,215
Smith 2	10,460	-57	10,403
Daniel 1	10,202	-125	10,077
Daniel 2	9,923	-43	9,880

\* Refer to pages 3 through 10, Schedule 2.

\*\* Refer to pages 10 through 17, Schedule 3.

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## ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

CRIST 4	Jan '08	Feb '08	Mar '08	Apr '08	May '08	Jun '08	
1. EAF (%)	12.9	0.0	47.1	100.0	100.0	100.0	
2. PH	744.0	696.0	743.0	720.0	744.0	720.0	
3. SH	0.0	0.0	98.6	674.8	664.1	720.0	
4. RSH	96.0	0.0	251.1	45.2	79.9	0.0	
5. UH	648.0	696.0	393.3	0.0	0.0	0.0	
6. POH	648.0	696.0	383.3	0.0	0.0	0.0	
7. FOH	0.0	0.0	10.0	0.0	0.0	0.0	
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	
9. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	
10. LR pf (MW)	0.0	0.0	0.0	0.0	0.0	0.0	
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)	78.0	78.0	78.0	78.0	78.0	78.0	
14. Oper MBtu	0	0	68633	477654	416372	482617	
15. Net Gen (MWH)	0	0	4952	46345	39291	43684	
16. ANOHR (Btu/KWH)	0	0	13860	10306	10597	11048	
17. NOF %	0.0	0.0	64.4	88.1	75.9	77.8	
18. NPC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	
19. ANOHR Equation	$10\% / AKW * [-508.01 + 11.33 * MAR + 21.63 * MAY + 36.12 * JUN + 26.37 * JUL + 39.93 * AUG + 26.37 * SEP + 18.89 * OCT + 12.20 * NOV] + 23,136 - 0.14571 * LSRF / AKW$						

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## ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

CRIST 4	Jul '08	Aug '08	Sep '08	Oct '08	Nov '08	Dec '08	Total
1. EAF (%)	100.0	100.0	100.0	96.0	99.8	70.0	77.3
2. PH	744.0	744.0	720.0	744.0	721.0	744.0	8784.0
3. SH	744.0	744.0	720.0	238.1	299.8	511.1	5414.5
4. RSH	0.0	0.0	0.0	475.9	419.5	10.0	1377.6
5. UH	0.0	0.0	0.0	30.0	1.7	222.9	1991.9
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	1727.3
7. FOH	0.0	0.0	0.0	0.0	1.7	37.6	49.3
8. MOH	0.0	0.0	0.0	30.0	0.0	185.3	215.3
9. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. LR pf (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13. NSC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0
14. Oper MBtu	517882	481548	492730	155177	194165	348668	3635446
15. Net Gen (MWH)	47499	44809	46048	13753	18229	33197	337807
16. ANOHR (Btu/KWH)	10903	10747	10700	11283	10651	10503	10762
17. NOF %	81.8	77.2	82.0	74.1	78.0	83.3	80.0
18. NPC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0
19. ANOHR Equation	$10^6 / AKW * [-508.01 + 11.33 * MAR + 21.63 * MAY + 36.12 * JUN + 26.37 * JUL + 39.93 * AUG + 26.37 * SEP + 18.89 * OCT + 12.20 * NOV] + 28,136 - 0.14571 * LSRF / AKW$						

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## ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

CRIST 5	Jan '08	Feb '08	Mar '08	Apr '08	May '08	Jun '08	
1. EAF (%)	12.9	0.0	75.2	90.9	98.2	87.5	
2. PH	744.0	696.0	743.0	720.0	744.0	720.0	
3. SH	0.0	0.0	558.6	654.3	742.3	638.1	
4. RSH	96.0	0.0	0.0	0.0	0.0	0.0	
5. UH	648.0	696.0	184.4	65.7	1.7	81.9	
6. POH	648.0	696.0	184.4	0.0	0.0	0.0	
7. FOH	0.0	0.0	0.0	24.5	0.0	0.0	
8. MOH	0.0	0.0	0.0	41.2	1.7	81.9	
9. PFOH	0.0	0.0	0.0	0.0	29.1	16.6	
10. LR pf (MW)	0.0	0.0	0.0	0.0	32.0	38.0	
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)	78.0	78.0	78.0	78.0	78.0	78.0	
14. Oper MBtu	0	0	305156	466634	493600	452638	
15. Net Gen (MWH)	0	0	31028	45356	45852	40465	
16. ANOHR (Btu/KWH)	0	0	9835	10288	10765	11186	
17. NOF %	0.0	0.0	71.2	88.9	79.2	81.3	
18. NPC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	
19. ANOHR Equation	$10^6 / AKW * [ 107.79 - 10.84 * APR + 13.62 * MAY + 14.07 * JUN + 22.79 * JUL + 23.21 * AUG + 28.04 * SEP + 23.17 * OCT ] + 8,943$						

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## ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

CRIST 5	Jul '08	Aug '08	Sep '08	Oct '08	Nov '08	Dec '08	Total
1. EAF (%)	100.0	99.4	98.6	98.8	99.2	99.7	80.3
2. PH	744.0	744.0	720.0	744.0	721.0	744.0	8784.0
3. SH	744.0	744.0	720.0	744.0	719.1	744.0	7008.4
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	96.0
5. UH	0.0	0.0	0.0	0.0	1.9	0.0	1679.6
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	1528.4
7. FOH	0.0	0.0	0.0	0.0	1.9	0.0	26.4
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	124.8
9. PFOH	0.0	15.0	24.3	21.6	7.7	8.0	122.3
10. LR pf (MW)	0.0	24.0	33.0	32.6	36.0	25.0	31.9
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13. NSC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0
14. Oper MBtu	550090	544148	510086	459479	456492	489955	4728278
15. Net Gen (MWH)	50384	47754	47115	44047	43761	47022	442784
16. ANOHR (Btu/KWH)	10918	11395	10826	10432	10431	10420	10679
17. NOF %	86.8	82.3	83.9	75.9	78.0	81.0	81.0
18. NPC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0
19. ANOHR Equation	$10\% / AKW * [107.79 - 10.84 * APR + 13.62 * MAY + 14.07 * JUN + 22.79 * JUL + 23.21 * AUG + 28.04 * SEP + 23.17 * OCT] + 8,943$						

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## ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

	CRIST 6	Jan '08	Feb '08	Mar '08	Apr '08	May '08	Jun '08	
1.	EAF (%)	85.2	95.4	84.6	5.3	92.7	90.7	
2.	PH	744.0	696.0	743.0	720.0	744.0	720.0	
3.	SH	657.4	670.6	629.1	38.4	614.2	655.3	
4.	RSH	0.0	0.0	0.0	0.0	76.3	0.0	
5.	UH	86.6	25.4	113.9	681.6	53.5	64.7	
6.	POH	0.0	0.0	71.7	537.8	0.0	0.0	
7.	FOH	29.5	0.0	42.2	143.8	24.1	53.7	
8.	MOH	57.1	25.4	0.0	0.0	29.4	11.0	
9.	PFOH	402.1	74.0	23.8	0.0	9.9	29.1	
10.	LR pf (MW)	17.8	27.8	6.0	0.0	18.4	23.2	
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)	302.0	302.0	302.0	302.0	302.0	302.0	
14.	Oper MBtu	1932950	1920972	1191402	60921	1441483	1595690	
15.	Net Gen (MWH)	177033	180542	106316	5498	131040	148447	
16.	ANOHR (Btu/KWH)	10919	10640	11206	11081	11000	10749	
17.	NOF %	89.2	89.1	56.0	47.4	70.6	75.0	
18.	NPC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	
19.	ANOHR Equation	10*6 / AKW * [ 457.20 - 54.35 * FEB - 64.08 * MAR + 52.17 * JUN - 50.16 * OCT ] + 8,761						

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## ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

CRIST 6	Jul '08	Aug '08	Sep '08	Oct '08	Nov '08	Dec '08	Total
1. EAF (%)	95.0	82.2	88.6	100.0	96.3	38.7	79.6
2. PH	744.0	744.0	720.0	744.0	721.0	744.0	8784.0
3. SH	717.1	611.9	643.2	167.1	332.7	284.0	6021.0
4. RSH	0.0	0.0	0.0	576.9	361.5	4.0	1018.7
5. UH	26.9	132.1	76.8	0.0	26.8	456.0	1744.3
6. POH	0.0	0.0	0.0	0.0	0.0	456.0	1065.5
7. FOH	26.9	76.4	27.6	0.0	0.0	0.0	424.2
8. MOH	0.0	55.7	49.2	0.0	26.8	0.0	254.6
9. PFOH	57.9	0.0	99.9	3.9	0.0	0.0	700.6
10. LR pf (MW)	54.3	0.0	16.0	22.0	0.0	0.0	21.5
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13. NSC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	302.0
14. Oper MBtu	1843139	1554185	1767866	430446	749198	682600	15170852
15. Net Gen (MWH)	172411	137882	158430	36396	71149	65100	1390244
16. ANOHR (Btu/KWH)	10690	11272	11159	11827	10530	10485	10912
17. NOF %	79.6	74.6	81.6	72.1	70.8	75.9	76.5
18. NPC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	302.0
19. ANOHR Equation	10*6 / AKW * [ 457.20 - 54.35 * FEB - 64.08 * MAR + 52.17 * JUN - 50.16 * OCT ] + 8,761						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

CRIST 7	Jan '08	Feb '08	Mar '08	Apr '08	May '08	Jun '08	
1. EAF (%)	95.0	98.4	96.2	84.8	99.8	88.3	
2. PH	744.0	696.0	743.0	720.0	744.0	720.0	
3. SH	708.4	696.0	743.0	622.2	744.0	638.4	
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	
5. UH	35.6	0.0	0.0	97.8	0.0	81.6	
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	
7. FOH	35.6	0.0	0.0	0.0	0.0	81.6	
8. MOH	0.0	0.0	0.0	97.8	0.0	0.0	
9. PFOH	88.9	470.8	111.0	256.9	11.8	4.6	
10. LR pf (MW)	10.1	4.3	120.6	21.7	8.0	252.0	
11. PMOH	0.0	63.7	0.0	0.0	19.3	0.0	
12. LR pm (MW)	0.0	50.8	0.0	0.0	33.9	0.0	
13. NSC (MW)	472.0	472.0	472.0	472.0	472.0	472.0	
14. Oper MBtu	3304515	3278878	2496502	2735478	2987352	2572611	
15. Net Gen (MWH)	316154	306009	226602	257018	275495	239124	
16. ANOHR (Btu/KWH)	10452	10715	11017	10643	10844	10758	
17. NOF %	94.6	93.2	64.6	87.5	78.5	79.4	
18. NPC (MW)	472.0	472.0	472.0	472.0	472.0	472.0	
19. ANOHR Equation	10% / AKW * [ 575.62 * FEB + 117.15 * MAR + 87.68 * APR + 104.03 * JUN ] + 9,081						

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## ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

	CRIST 7	Jul '08	Aug '08	Sep '08	Oct '08	Nov '08	Dec '08	Total
1.	EAF (%)	91.4	92.7	85.7	99.6	88.5	68.9	90.8
2.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8784.0
3.	SH	685.7	710.4	619.9	744.0	652.3	528.1	8092.4
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	58.3	33.6	100.1	0.0	68.7	215.9	691.6
6.	POH	0.0	0.0	0.0	0.0	0.0	185.8	185.8
7.	FOH	0.0	0.0	28.8	0.0	68.7	0.0	214.7
8.	MOH	58.3	33.6	71.3	0.0	0.0	30.1	291.1
9.	PFOH	65.3	32.8	25.1	0.0	74.1	75.8	1217.1
10.	LR pf (MW)	38.4	81.3	26.9	0.0	91.5	96.8	35.4
11.	PMOH	0.0	25.1	9.5	5.9	0.0	0.0	123.5
12.	LR pm (MW)	0.0	282.0	85.0	254.0	0.0	0.0	107.5
13.	NSC (MW)	472.0	472.0	472.0	472.0	472.0	472.0	472.0
14.	Oper MBtu	2864585	2891013	2678012	2641152	2272143	2029997	32752238
15.	Net Gen (MWH)	269656	266162	249379	257933	218306	183950	3065788
16.	ANOHR (Btu/KWH)	10623	10862	10739	10240	10408	11036	10683
17.	NOF %	83.3	79.4	85.2	73.5	70.9	73.8	80.3
18.	NPC (MW)	472.0	472.0	472.0	472.0	472.0	472.0	472.0
19.	ANOHR Equation	10*6 / AKW * [ 575.62 - 136.35 * FEB + 117.15 * MAR + 87.68 * APR + 104.03 * JUN ] + 9,081						

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## ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

SMITH 1	Jan '08	Feb '08	Mar '08	Apr '08	May '08	Jun '08	
1. EAF (%)	100.0	99.8	99.4	60.8	100.0	99.9	
2. PH	744.0	696.0	743.0	720.0	744.0	720.0	
3. SH	744.0	696.0	743.0	448.8	744.0	720.0	
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	
5. UH	0.0	0.0	0.0	271.2	0.0	0.0	
6. POH	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	
8. MOH	0.0	0.0	0.0	271.2	0.0	0.0	
9. PFOH	0.0	5.5	0.0	0.0	0.0	4.3	
10. LR pf (MW)	0.0	42.0	0.0	0.0	0.0	27.0	
11. PMOH	0.0	0.0	18.9	46.0	0.0	0.0	
12. LR pm (MW)	0.0	0.0	39.0	39.0	0.0	0.0	
13. NSC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	
14. Oper MBtu	1185267	1107918	918684	681581	1037857	1034121	
15. Net Gen (MWH)	116187	108123	89160	66589	102133	99499	
16. ANOHR (Btu/KWH)	10201	10247	10304	10236	10162	10393	
17. NOF %	96.4	95.9	74.1	91.6	84.7	85.3	
18. NPC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	
19. ANOHR Equation	$10^6 / AKW * [ 96.28 + 12.10 * JUN + 11.27 * JUL - 11.78 * OCT ]$ + 9,613						

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## ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

SMITH 1	Jul '08	Aug '08	Sep '08	Oct '08	Nov '08	Dec '08	Total
1. EAF (%)	99.9	98.6	100.0	75.2	98.3	96.1	94.0
2. PH	744.0	744.0	720.0	744.0	721.0	744.0	8784.0
3. SH	744.0	744.0	720.0	255.2	579.2	714.8	7853.0
4. RSH	0.0	0.0	0.0	305.5	129.7	0.0	435.2
5. UH	0.0	0.0	0.0	183.3	12.1	29.2	495.8
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	183.3	12.1	29.2	495.8
9. PFOH	0.0	122.8	0.0	0.0	0.4	0.0	133.0
10. LR pf (MW)	0.0	13.6	0.0	0.0	22.0	0.0	15.2
11. PMOH	3.2	2.0	0.0	6.2	0.0	0.0	76.3
12. LR pm (MW)	37.0	24.0	0.0	32.0	0.0	0.0	38.0
13. NSC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0
14. Oper MBtu	1074223	1036786	976013	351939	857707	1032403	11294499
15. Net Gen (MWH)	104096	99918	94159	34356	83489	100455	1098164
16. ANOHR (Btu/KWH)	10320	10376	10366	10244	10273	10277	10285
17. NOF %	86.4	82.9	80.7	83.1	89.0	86.8	86.3
18. NPC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0
19. ANOHR Equation	$10^6 / AKW * [96.28 + 12.10 * JUN + 11.27 * JUL - 11.78 * OCT]$ + 9,613						

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## ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

	SMITH 2	Jan '08	Feb '08	Mar '08	Apr '08	May '08	Jun '08	
1.	EAF (%)	99.9	69.1	96.8	93.4	28.7	84.6	
2.	PH	744.0	696.0	743.0	720.0	744.0	720.0	
3.	SH	744.0	646.3	743.0	672.4	215.5	633.0	
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	
5.	UH	0.0	49.7	0.0	47.6	528.5	87.0	
6.	POH	0.0	0.0	0.0	47.6	528.5	0.0	
7.	FOH	0.0	0.0	0.0	0.0	0.0	0.0	
8.	MOH	0.0	49.7	0.0	0.0	0.0	87.0	
9.	PFOH	5.0	291.8	41.9	0.0	42.0	128.2	
10.	LR pf (MW)	35.0	110.6	112.0	0.0	10.0	36.1	
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)	195.0	195.0	195.0	195.0	195.0	195.0	
14.	Oper MBtu	1391962	934357	1104352	1219712	366611	1058506	
15.	Net Gen (MWH)	135307	89004	105945	117541	34769	100195	
16.	ANOHR (Btu/KWH)	10287	10498	10424	10377	10544	10564	
17.	NOF %	93.3	70.6	73.1	89.6	82.7	81.2	
18.	NPC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	
19.	ANOHR Equation	$10^6 / AKW * [ 275.87 - 16.87 * MAY - 11.84 * JUL - 10.07 * SEP ]$ $+ 7,294 + 0.00822 * LSRF / AKW$						

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## ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

SMITH 2	Jul '08	Aug '08	Sep '08	Oct '08	Nov '08	Dec '08	Total
1. EAF (%)	99.8	98.2	86.5	95.0	100.0	99.4	87.7
2. PH	744.0	744.0	720.0	744.0	721.0	744.0	8784.0
3. SH	744.0	744.0	623.7	706.8	721.0	742.3	7936.0
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	0.0	0.0	96.3	37.2	0.0	1.7	848.0
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	576.1
7. FOH	0.0	0.0	0.0	0.0	0.0	1.7	1.7
8. MOH	0.0	0.0	96.3	37.2	0.0	0.0	270.2
9. PFOH	4.4	115.6	0.0	0.0	0.0	9.6	638.5
10. LR pf (MW)	78.0	22.8	0.0	0.0	0.0	59.2	71.6
11. PMOH	0.0	0.0	1.0	0.0	0.0	0.0	1.0
12. LR pm (MW)	0.0	0.0	126.0	0.0	0.0	0.0	126.0
13. NSC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	195.0
14. Oper MBtu	1265498	1278858	1074298	1132885	1248748	1204747	13280534
15. Net Gen (MWH)	120915	121420	100881	109149	119880	114698	1269704
16. ANOHR (Btu/KWH)	10466	10533	10649	10379	10417	10504	10460
17. NOF %	83.3	83.7	82.9	79.2	85.3	79.2	82.0
18. NPC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	195.0
19. ANOHR Equation	$10^6 / AKW * [275.87 - 16.87 * MAY - 11.84 * JUL - 10.07 * SEP]$ $+ 7,294 + 0.00822 * LSRF / AKW$						

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Docket No.: 090001-EI  
Order No.:

## ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

	DANIEL 1	Jan '08	Feb '08	Mar '08	Apr '08	May '08	Jun '08	
1.	EAF (%)	97.1	88.0	92.1	99.6	99.9	99.4	
2.	PH	744.0	696.0	743.0	720.0	744.0	720.0	
3.	SH	744.0	478.6	685.7	720.0	744.0	720.0	
4.	RSH	0.0	140.8	0.0	0.0	0.0	0.0	
5.	UH	0.0	76.6	57.3	0.0	0.0	0.0	
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	
7.	FOH	0.0	14.0	57.3	0.0	0.0	0.0	
8.	MOH	0.0	62.6	0.0	0.0	0.0	0.0	
9.	PFOH	39.9	14.9	10.3	9.0	2.5	8.0	
10.	LR pF (MW)	268.3	237.2	65.6	170.7	10.0	218.5	
11.	PMOH	0.0	0.0	0.0	0.0	5.5	7.0	
12.	LR pm (MW)	0.0	0.0	0.0	0.0	33.2	50.5	
13.	NSC (MW)	500.0	500.0	500.0	500.0	500.0	500.0	
14.	Oper MBtu	3618149	2181259	3419610	3494244	3578533	3474347	
15.	Net Gen (MWH)	355261	219617	338772	349259	349229	343158	
16.	ANOHR (Btu/KWH)	10184	9932	10094	10005	10247	10125	
17.	NOF %	95.5	91.8	98.8	97.0	93.9	95.3	
18.	NPC (MW)	500.0	500.0	500.0	500.0	500.0	500.0	
19.	ANOHR Equation	10^6 / AKW * [ 695.23 ] + 8,686						

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## ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

DANIEL 1	Jul '08	Aug '08	Sep '08	Oct '08	Nov '08	Dec '08	Total
1. EAF (%)	99.2	57.3	6.6	99.4	99.9	99.8	86.6
2. PH	744.0	744.0	720.0	744.0	721.0	744.0	8784.0
3. SH	740.0	427.2	48.4	740.0	721.0	744.0	7512.9
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	140.8
5. UH	4.0	316.8	671.6	4.0	0.0	0.0	1130.3
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7. FOH	4.0	316.8	671.6	4.0	0.0	0.0	1067.7
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	62.6
9. PFOH	9.8	10.1	0.8	1.5	11.8	14.3	132.9
10. LR pf (MW)	115.8	58.8	470.0	143.5	35.0	63.1	164.5
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	12.5
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	42.9
13. NSC (MW)	500.0	500.0	500.0	500.0	500.0	500.0	500.0
14. Oper MBtu	3539542	1995427	179599	2618076	2796596	2961456	33856839
15. Net Gen (MWH)	347405	191753	16382	250618	272923	284323	3318700
16. ANOHR (Btu/KWH)	10189	10406	10963	10446	10247	10416	10202
17. NOF %	93.9	89.8	67.7	67.7	75.7	76.4	88.3
18. NPC (MW)	500.0	500.0	500.0	500.0	500.0	500.0	500.0
19. ANOHR Equation	$10^6 / AKW * [695.23]$ + 8,686						

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## ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

	DANIEL 2	Jan '08	Feb '08	Mar '08	Apr '08	May '08	Jun '08	
1.	EAF (%)	63.9	98.9	66.7	85.6	88.9	99.6	
2.	PH	744.0	696.0	743.0	720.0	744.0	720.0	
3.	SH	480.6	696.0	497.8	619.6	669.1	720.0	
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	
5.	UH	263.4	0.0	245.2	100.4	74.9	0.0	
6.	POH	0.0	0.0	227.9	0.0	0.0	0.0	
7.	FOH	234.6	0.0	0.0	0.0	0.0	0.0	
8.	MOH	28.8	0.0	17.3	100.4	74.9	0.0	
9.	PFOH	28.8	14.2	5.0	12.9	17.2	3.5	
10.	LR pf (MW)	50.7	150.5	176.0	59.9	84.3	45.3	
11.	PMOH	3.5	6.8	9.9	23.7	8.8	3.7	
12.	LR pm (MW)	339.9	270.0	37.8	31.0	298.0	367.0	
13.	NSC (MW)	507.0	507.0	507.0	507.0	507.0	507.0	
14.	Oper MBtu	2249958	3150307	2359958	2954737	3195381	3488145	
15.	Net Gen (MWH)	230517	330839	240149	300596	316558	351337	
16.	ANOHR (Btu/KWH)	9760	9522	9827	9830	10094	9928	
17.	NOF %	94.6	93.8	95.2	95.7	93.3	96.2	
18.	NPC (MW)	507.0	507.0	507.0	507.0	507.0	507.0	
19.	ANOHR Equation	10^6 / AKW * [ 398.00 - 123.89 * MAR - 108.06 * MAY - 96.34 * SEP ]						
		+ 9,262						

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## ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2008 - December 2008

	DANIEL 2	Jul '08	Aug '08	Sep '08	Oct '08	Nov '08	Dec '08	Total
1.	EAF (%)	99.9	98.4	99.4	87.0	0.0	48.5	78.0
2.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8784.0
3.	SH	744.0	737.2	720.0	405.9	0.0	372.4	6662.6
4.	RSH	0.0	2.9	0.0	242.1	0.0	0.0	245.0
5.	UH	0.0	3.9	0.0	96.0	721.0	371.6	1876.4
6.	POH	0.0	0.0	0.0	96.0	721.0	367.4	1412.3
7.	FOH	0.0	3.9	0.0	0.0	0.0	4.2	242.7
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	221.4
9.	PFOH	2.9	23.7	23.3	6.3	0.0	22.1	159.9
10.	LR pf (MW)	65.7	164.1	94.9	81.0	0.0	182.2	110.6
11.	PMOH	0.0	0.0	0.0	0.0	0.0	10.4	66.8
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	177.0	149.0
13.	NSC (MW)	507.0	507.0	507.0	507.0	507.0	507.0	507.0
14.	Oper MBtu	3558221	3493831	3406947	1804238	0	1284992	30946715
15.	Net Gen (MWH)	358131	345094	342434	181766	0	121352	3118773
16.	ANOHR (Btu/KWH)	9936	10124	9949	9926	0	10589	9923
17.	NOF %	94.9	92.3	93.8	88.3	0.0	64.3	92.3
18.	NPC (MW)	507.0	507.0	507.0	507.0	507.0	507.0	507.0
19.	ANOHR Equation	$10^6 / AKW * [398.00 - 123.89 * MAR - 108.06 * MAY - 96.34 * SEP]$ + 9,262						

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Planned Outage Schedules (Actual)

Period of: January 2008 - December 2008

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.

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