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COMMISSION
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March 14, 2011

Ms. Ann Cole, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Dear Ms. Cole:

Enclosed for official filing in Docket No. 110001-EI are an original and fifteen copies of the following:

Prepared direct testimony and exhibit of M. A. Young concerning the
Generating Performance Incentive Factor Results for January 2010 -
December 2010.

Sincerely,

vm
Enclosures

cc w/encl.: Jeffrey A. Stone, Esq.
Beggs & Lane

COM _____
APA _____
ECR _____
GCL _____
RAD _____
SSC _____
ADM _____
OPC _____
CLK _____

DOCUMENT NUMBER-DATE
01687 MAR 15 =
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.: 110001-EI

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing was furnished by U. S. Mail this 14th day of March, 2011, on the following:

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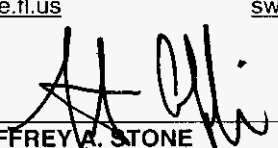
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GULF POWER COMPANY
TESTIMONY AND EXHIBIT OF
M. A. Young, III

GENERATING PERFORMANCE INCENTIVE FACTOR

RESULTS FOR

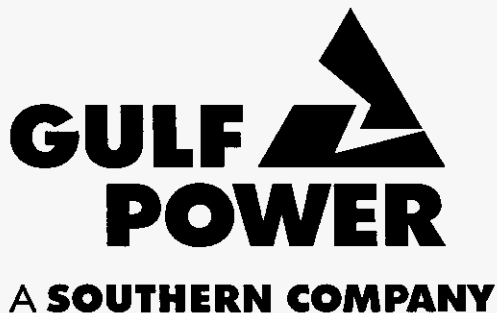
JANUARY 2010 - DECEMBER 2010

Before

THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 110001-EI

COM 5
APA 1
ECR 0
GCL 1
RAD 1
SSC
ADM
OPC
CLK CF.RPR



DOCUMENT NUMBER-DATE

01687 MAR 15 =

FPSC-COMMISSION CLERK

1 **GULF POWER COMPANY**

2 **Before the Florida Public Service Commission**

3 **Direct Testimony and Exhibit of**

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

5 **Docket No. 110001-EI**

6 **Date of Filing: March 15, 2011**

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
23 addition to this, I have been responsible for major plant projects and was the
24 primary reliability reporter. As previously mentioned in my testimony, my current
25 job position is Power Generation Specialist, Senior at Gulf Power Company.

DOCUMENT NUMBER-DATE

01687 MAR 15 =

FPSC-COMMISSION CLERK

1 In this position, I am responsible for preparing all Generating Performance
2 Incentive Factor (GPIF) filings as well as other generating plant reliability and heat
3 rate 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, 2010, through December 31, 2010.
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_____ 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. Please review the Company's equivalent availability results for the period.

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

6 A calculation of GPIF availability points based on these availabilities and
7 the targets established by FPSC Order No. PSC-09-0795-FOF-EI is on page 11 of
8 Schedule 2. The results are: Crist 4, +10.00 points; Crist 5, +10.00 points;
9 Crist 6, +2.73 points; Crist 7, +10.00 points; Smith 1, -5.26 points;
10 Smith 2, -10.00 points; Daniel 1, +2.67 points; and Daniel 2, +10.00 points.

11

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

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

15 As was done for the prior GPIF periods, and as indicated on pages 10
16 through 17 of Schedule 3, the target equations were used to adjust actual results to
17 the target basis. These equations, submitted in September 2009, are shown on
18 page 20 of Schedule 3. As calculated on page 21 of Schedule 3, the adjusted
19 actual average net operating heat rates correspond to the following GPIF unit heat
20 rate points: -10.00 for Crist 4, -10.00 for Crist 5, -10.00 for Crist 6, +6.04 for Crist
21 7, +1.20 for Smith 1, -4.68 for Smith 2, +10.00 for Daniel 1, and +10.00 for Daniel
22 2.

23

24

25

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

3 A. Using the unit equivalent availability and heat rate points previously mentioned,
4 along with the appropriate weighting factors, the number of Company points
5 achieved was +1.56 as indicated on page 2 of Schedule 4. This calculated to a
6 reward in the amount of \$645,511.

7

8 Q. Please summarize your testimony.

9 A. In view of the adjusted actual equivalent availabilities, as shown on page 11 of
10 Schedule 2, and the adjusted actual average net operating heat rates achieved, as
11 shown on page 21 of Schedule 3, evidencing the Company's performance for the
12 period, Gulf calculates a reward in the amount of \$645,511 as provided for by the
13 GPIF plan.

14

15 Q. Does this conclude your testimony?

16 A. Yes.

17

18

19

20

21

22

23

24

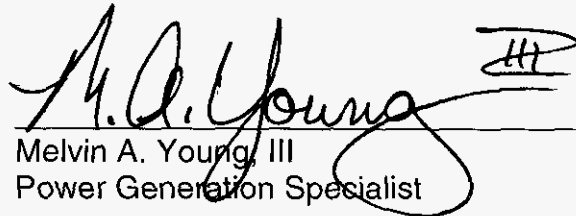
25

AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

Docket No. 110001-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 for Gulf Power Company, a Florida corporation, 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

Sworn to and subscribed before me
this 14th day of March, 2011.



Notary Public, State of Florida at Large

(SEAL) 

EXHIBIT TO THE TESTIMONY OF
M. A. YOUNG, III
IN FPSC DOCKET 110001-EI

I. CORRECTIONS TO REPORTED DATA FOR THE JANUARY 2010 - DECEMBER 2010 PERIOD

Additions and Corrections to Outages Previously Reported
 for the January 2010 - December 2010 Period

<u>Date</u>	<u>Unit</u>	<u>Change</u>	<u>Outage Type</u>	<u>Hours</u>	<u>MW</u>	<u>Description</u>
January filing	Crist 7	PFOH - NC	D1 - NC	5.6	43.0	Pulverizer derate changed to non-curtailing event LRpf increased. EAF 85% to 83.8%
March filing*	Crist 7	LRpf & LRpm				EAF changed 99.1% to 98.9%
April filing	Daniel 1	PFOH -PMOH		10.9	130.0	Planned derate changed PFOH to PMOH
April filing	Daniel 2	PFOH		8.8	48.9	Typo on original PFOH and LRpf at 0.0
April filing	Daniel 2	MOH & RSH				Outage time changed increased MOH and RSH decreased EAF 94.2% to 93.4%
April filing*	Crist 7	LRpf				EAF changed 83.7% to 83.1%
May filing*	Crist 7	LRpf & LRpm				EAF changed 96.0% to 95.3%
June filing	Crist 4	LRpf & LRpm				EAF changed 92.1% to 91.81%
June filing*	Crist 7	LRpf				EAF changed 99.4% to 99.1%
July filing*	Crist 7	LR pf	D1	411.8	120.0	LRpf changed from 195 to 120 EAF changed 73.6% to 82.55%
Sept filing	Crist 6	RSH				Added 44.6 RSH no change EAF

* An error was made in reporting the reduction due to using gross generation instead of net generation.

II. CALCULATIONS OF EQUIVALENT AVAILABILITY POINTS

Comparison of Forecast and Actual Planned Outages
 for January 2010 - December 2010

<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	11/13/10 - 12/12/10	720.0	12/07/10 - 12/31/10	600.0
Smith 2	2	04/24/10 - 05/16/10	552.0	09/27/10 - 10/31/10	816.0
Daniel 1	3	02/22/10 - 04/25/10	1512.0	02/22/10 - 04/18/10	1313.7
Daniel 2	4	03/27/10 - 04/16/10	504.0	02/26/10 - 03/15/10	393.4
Crist 5	5	-	0.0	12/07/10 - 12/22/10	360.0

* Planned outage hours in the January 2010 - December 2010 period only.

- Notes:
1. The outage date was changed subsequent to the target filing.
 2. The outage date was changed subsequent to the target filing.
 3. This outage proceeded as scheduled and was completed ahead of schedule.
 4. The outage date was changed subsequent to the target filing.
 5. This outage was added subsequent to the target filing.

Calculation of Actual Equivalent Availability
 for January 2010 - December 2010
 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	0.0 1.4	0.0 0.0	0.0 0.0	48.6 0.0	50.1
EFOH	0.0 0.0	0.0 0.0	1.3 0.0	0.0 0.0	0.0 0.0	1.3 0.0	2.6
MOH	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
EMOH	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	9.0 0.0	9.0
PH	744.0 744.0	672.0 744.0	743.0 720.0	720.0 744.0	744.0 721.0	720.0 744.0	8760.0
POH	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 600.0	600.0
RSH	0.0 0.0	138.6 0.0	527.2 120.5	570.9 647.6	744.0 721.0	219.9 144.0	3833.7

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(50.1 + 2.6 + 0.0 + 9.0)}{(8760.0 - 600.0 - 3833.7)}$$

$$\text{EUOR} = 0.0143$$

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

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

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

$$\text{EA} = \left[1 - \frac{(720.0 + 0.0143 (8760.0 - 720.0 - 0.0))}{8760.0} \right] \times 100 = 90.5 \%$$

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

Calculation of Actual Equivalent Availability
 for January 2010 - December 2010
 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 0.0	0.0 3.6	0.0 50.7	0.0 3.1	0.0 0.0	57.3
EFOH	0.3 0.0	0.4 2.5	0.0 1.2	0.0 0.0	0.0 0.0	5.1 0.5	10.0
MOH	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
EMOH	0.0 16.4	0.0 0.0	0.0 2.5	0.0 23.4	0.0 0.0	4.2 16.0	62.5
PH	744.0 744.0	672.0 744.0	743.0 720.0	720.0 744.0	744.0 721.0	720.0 744.0	8760.0
POH	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 360.0	360.0
RSH	0.0 0.0	0.0 0.0	0.0 0.0	0.0 87.2	0.0 0.0	0.0 255.2	342.3

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(57.3 + 10.0 + 0.0 + 62.5)}{(8760.0 - 360.0 - 342.3)}$$

$$\text{EUOR} = 0.0161$$

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

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

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

$$\text{EA} = \left[1 - \frac{(0.0 + 0.0161 (8760.0 - 0.0 - 0.0))}{8760.0} \right] \times 100 = 98.4 \%$$

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

Calculation of Actual Equivalent Availability
 for January 2010 - December 2010
 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 14.4	0.0 0.8	0.0 29.5	0.0 5.2	35.8 0.0	95.0 36.8	217.5
EFOH	0.0 0.7	1.7 10.0	0.0 8.3	0.0 0.0	0.0 1.3	0.6 0.6	23.2
MOH	0.0 13.5	32.0 0.0	0.0 71.5	0.0 24.0	0.0 0.0	50.2 0.0	191.2
EMOH	0.0 0.0	0.0 1.6	0.0 0.0	0.0 0.0	0.0 0.0	2.2 0.0	3.8
PH	744.0 744.0	672.0 744.0	743.0 720.0	720.0 744.0	744.0 721.0	720.0 744.0	8760.0
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	73.7 0.0	528.9 44.6	435.5 607.4	0.0 666.4	0.0 102.0	2458.4

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(217.5 + 23.2 + 191.2 + 3.8)}{(8760.0 - 0.0 - 2458.4)}$$

EUOR = 0.0691

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

Target POH* = 0.0

Target RSH* = 0.0

$$\text{EA} = \left[1 - \frac{(0.0 + 0.0691 (8760.0 - 0.0 - 0.0))}{8760.0} \right] \times 100 = 93.1 \%$$

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

Calculation of Actual Equivalent Availability
 for January 2010 - December 2010
 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	35.3 23.6	0.0 8.3	0.0 3.1	0.0 0.0	0.0 0.0	0.0 0.0	70.3
EFOH	84.9 106.3	0.0 42.5	6.7 29.6	23.6 0.0	30.4 0.0	5.0 0.0	329.0
MOH	0.0 0.0	0.0 0.0	0.0 0.0	98.3 0.0	0.0 0.0	0.0 0.0	98.3
EMOH	0.0 0.0	0.0 1.6	1.2 0.0	0.0 0.0	4.5 0.0	0.0 8.1	15.4
PH	744.0 744.0	672.0 744.0	743.0 720.0	720.0 744.0	744.0 721.0	720.0 744.0	8760.0
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 0.0	0.0 0.0	0.0 0.0	0.0

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(70.3 + 329.0 + 98.3 + 15.4)}{(8760.0 - 0.0 - 0.0)}$$

$$\text{EUOR} = 0.0586$$

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

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

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

$$\text{EA} = \left[1 - \frac{(0.0 + 0.0586 (8760.0 - 0.0 - 0.0))}{8760.0} \right] \times 100 = 94.1 \%$$

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

Calculation of Actual Equivalent Availability
 for January 2010 - December 2010
 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 2.9	0.0 28.7	0.0 0.0	18.6 0.0	0.0 57.4	0.0 0.0	107.6
EFOH	15.4 0.3	1.8 4.5	0.6 0.4	0.0 1.2	0.3 7.3	0.1 0.0	31.9
MOH	0.0 0.0	0.0 0.0	0.0 0.0	274.5 0.0	0.0 0.0	0.0 0.0	274.5
EMOH	0.0 1.1	0.0 0.6	0.0 4.0	0.0 0.0	0.0 34.2	2.5 0.0	42.4
PH	744.0 744.0	672.0 744.0	743.0 720.0	720.0 744.0	744.0 721.0	720.0 744.0	8760.0
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 0.0	0.0 0.0	0.0 0.0	0.0

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(107.6 + 31.9 + 274.5 + 42.4)}{(8760.0 - 0.0 - 0.0)}$$

$$\text{EUOR} = 0.0521$$

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

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

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

$$\text{EA} = \left[1 - \frac{(0.0 + 0.0521 (8760.0 - 0.0 - 0.0))}{8760.0} \right] \times 100 = 94.8 \%$$

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

Calculation of Actual Equivalent Availability
 for January 2010 - December 2010
 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 34.6	34.6
EFOH	0.0 0.3	1.5 1.5	0.0 1.3	0.1 0.0	0.0 20.8	0.0 0.0	25.5
MOH	0.0 0.0	0.0 0.0	48.0 0.0	162.8 0.0	0.0 48.0	0.0 146.1	404.9
EMOH	0.0 0.7	0.5 2.1	0.0 3.1	0.0 0.0	0.0 0.0	1.9 0.0	8.3
PH	744.0 744.0	672.0 744.0	743.0 720.0	720.0 744.0	744.0 721.0	720.0 744.0	8760.0
POH	0.0 0.0	0.0 0.0	0.0 96.0	0.0 720.0	0.0 0.0	0.0 0.0	816.0
RSH	0.0 0.0	0.0 0.0	239.8 20.3	138.2 24.0	0.0 286.8	0.0 380.4	1089.6

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(34.6 + 25.5 + 404.9 + 8.3)}{(8760.0 - 816.0 - 1089.6)}$$

$$\text{EUOR} = 0.0691$$

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

$$\text{Target POH}^* = 552.0$$

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

$$\text{EA} = \left[1 - \frac{(552.0 + 0.0691 (8760.0 - 552.0 - 0.0))}{8760.0} \right] \times 100 = 87.2 \%$$

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

Calculation of Actual Equivalent Availability
 for January 2010 - December 2010
 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 2.5	0.0 0.0	0.0 0.0	119.0 22.4	0.0 0.0	0.0 149.6	293.5
EFOH	7.3 0.2	0.9 0.0	0.0 2.5	0.0 3.9	0.0 0.5	0.6 5.8	21.7
MOH	23.9 0.0	0.0 0.0	0.0 0.0	0.0 54.4	0.0 0.0	0.0 0.0	78.3
EMOH	0.6 3.9	1.2 0.0	0.0 0.0	2.8 0.0	6.1 0.0	0.0 1.2	15.8
PH	744.0 744.0	672.0 744.0	743.0 720.0	720.0 744.0	744.0 721.0	720.0 744.0	8760.0
POH	0.0 0.0	168.0 0.0	743.0 0.0	402.7 0.0	0.0 0.0	0.0 0.0	1313.7
RSH	0.0 0.0	51.2 0.0	0.0 0.0	55.6 20.4	0.0 0.0	0.0 0.0	127.2

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(293.5 + 21.7 + 78.3 + 15.8)}{(8760.0 - 1313.7 - 127.2)}$$

$$\text{EUOR} = 0.0559$$

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

$$\text{Target POH}^* = 1511.0$$

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

$$\text{EA} = \left[1 - \frac{(1511.0 + 0.0559 (8760.0 - 1511.0 - 0.0))}{8760.0} \right] \times 100 = 78.1 \%$$

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

Calculation of Actual Equivalent Availability
 for January 2010 - December 2010
 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	0.0	0.0	0.0	0.0	0.0	3.8	
	0.0	2.7	0.0	0.0	0.0	0.0	6.5
EFOH	2.7	5.3	0.4	0.8	18.7	3.0	
	0.1	1.8	3.7	1.6	0.4	14.8	53.3
MOH	0.0	0.0	0.0	44.6	0.0	47.3	
	0.0	0.0	0.0	0.0	0.0	0.0	91.9
EMOH	0.0	0.0	0.0	2.0	1.2	3.9	
	0.0	0.0	0.1	0.2	0.0	0.0	7.4
PH	744.0	672.0	743.0	720.0	744.0	720.0	
	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
POH	0.0	49.6	343.8	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	393.4
RSH	0.0	0.0	0.0	29.4	56.2	0.0	
	0.0	0.0	0.0	0.0	0.0	11.7	97.3
$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(6.5 + 53.3 + 91.9 + 7.4)}{(8760.0 - 393.4 - 97.3)}$							

EUOR = 0.0192

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

Target POH* = 504.0

Target RSH* = 0.0

EA = [1 - $\frac{(504.0 + 0.0192 (8760.0 - 504.0 - 0.0))}{8760.0}$] x 100 = 92.4 %

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

Calculation of Equivalent Availability Points
 for January 2010 - December 2010

(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	89.4	90.5	90.1	10.00
Crist 5	96.3	98.4	97.4	10.00
Crist 6	92.5	93.1	94.7	2.73
Crist 7	87.6	94.1	91.3	10.00
Smith 1	95.8	94.8	93.9	-5.26
Smith 2	89.9	87.2	88.2	-10.00
Daniel 1	77.7	78.1	79.2	2.67
Daniel 2	87.8	92.4	89.8	10.00

* As appropriate from page 5, Schedule 3 of Exhibit to M. A. Young, III's
 September 01, 2009 GPIF Testimony in Docket 090001-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 2010 - December 2010

Crist 4

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	42575.1 41664.9	26735.8 40659.5	10563.2 32914.0	6317.1 4606.0	0.0 0.0	29044.4 0.0	235080.0
BTU/Lb*	11414.3 11573.1	11438.5 11371.5	11362.2 11471.4	11591.9 11877.7	0.0 0.0	11579.3 0.0	11477.7
Coal, MMBTU	485965.0 482192.1	305817.4 462359.5	120021.2 377569.7	73227.2 54708.7	0.0 0.0	336313.8 0.0	2698174.6
Oil, MMBTU	3296.4 670.2	2001.3 5101.7	505.3 3600.1	156.1 141.1	0.0 0.0	1357.4 0.0	16829.6
Gas, MMBTU	32379.0 9114.0	41981.0 37450.0	6648.0 31594.0	9720.0 1593.0	0.0 0.0	4551.0 0.0	175030.0
Startup, MMBTU **	0.0 0.0	-400.0 0.0	0.0 0.0	-400.0 -400.0	0.0 0.0	-800.0 0.0	-2000.0
Total Fuel Consumption, MMBTU	521640.4 491976.3	349399.7 504911.2	127174.5 412763.8	82703.3 56042.8	0.0 0.0	341422.2 0.0	2888034.2
Net MWH Generation***	46518 42273	30015 43625	10990 34755	7496 5113	0 0	26493 0	247278
Average Net Operating Heat Rate	11214 11638	11641 11574	11572 11876	11033 10961	--- ---	12887 ---	11679

* 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 2010 - December 2010

Crist 5

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	41717.4 42944.8	31925.9 40102.1	37173.7 38461.1	32837.4 27485.4	40810.3 35555.7	41873.1 8203.7	419090.6
BTU/Lb*	11423.9 11559.7	11439.8 11370.5	11405.3 11561.6	11567.5 11786.7	11560.9 11579.1	11567.8 11650.9	11525.3
Coal, MMBTU	476575.4 496429.0	365225.9 455980.9	423977.2 444671.9	379846.6 323962.2	471803.8 411703.0	484379.6 95580.5	4830136.0
Oil, MMBTU	2325.8 460.0	2245.1 2936.2	1131.4 2195.4	235.4 343.1	207.4 2363.5	698.3 2005.4	17147.0
Gas, MMBTU	31726.0 443.0	69913.0 26149.0	8351.0 22667.0	34.0 3378.0	537.0 20355.0	5780.0 167.0	189500.0
Startup, MMBTU **	0.0 0.0	0.0 0.0	0.0 0.0	0.0 -400.0	0.0 0.0	0.0 0.0	-400.0
Total Fuel Consumption, MMBTU	510627.2 497332.0	437384.0 485066.1	433459.6 469534.3	380116.0 327283.3	472548.2 434421.5	490857.9 97752.9	5036383.0
Net MWH Generation***	45417 43611	38776 42938	39631 39522	33013 27944	41974 38541	43607 8074	443048
Average Net Operating Heat Rate	11243 11404	11280 11297	10937 11880	11514 11712	11258 11272	11256 12107	11368

* 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 2010 - December 2010

Crist 6

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	146840.6 164157.7	107560.6 155298.7	37767.4 120052.0	41702.2 14454.0	136301.8 7419.4	125031.6 129440.3	1186026.3
BTU/Lb*	11334.2 11534.4	11289.3 11369.3	11417.9 11472.7	11555.0 11705.6	11455.8 11531.6	11555.0 11676.7	11467.3
Coal, MMBTU	1664320.7 1893460.6	1214283.9 1765637.5	431224.4 1377320.6	481868.9 169192.7	1561446.2 85557.6	1444740.1 1511435.6	13600488.8
Oil, MMBTU	357.5 0.0	100.4 0.0	0.0 0.0	2.1 0.0	0.0 0.0	0.0 0.0	460.0
Gas, MMBTU	1594.0 2922.0	2174.0 12421.0	8973.0 6462.0	19367.0 3431.0	3333.0 2002.0	7927.0 39301.0	109907.0
Startup, MMBTU **	0.0 -4040.0	-4040.0 0.0	0.0 -4040.0	-8080.0 -4040.0	-4040.0 -4040.0	-16160.0 -8080.0	-56560.0
Total Fuel Consumption, MMBTU	1666272.2 1892342.6	1212518.3 1778058.5	440197.4 1379742.6	493158.0 168583.7	1560739.2 83519.6	1436507.1 1542656.6	13654295.8
Net MWH Generation***	152252 161308	106646 157947	39225 119478	43023 12962	135083 6934	127217 138087	1200162
Average Net Operating Heat Rate	10944 11731	11370 11257	11222 11548	11463 13006	11554 12045	11292 11172	11377

* 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 2010 - December 2010

Crist 7

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	236620.0 230883.1	219486.1 252019.5	206911.3 252377.4	173013.8 195596.6	239156.7 216224.5	238309.4 277680.3	2738278.7
BTU/Lb*	11288.3 11538.2	11364.6 11401.7	11503.9 11498.9	11505.7 11831.6	11448.1 11579.8	11532.6 11633.6	11507.4
Coal, MMBTU	2671037.5 2663975.4	2494371.7 2873450.7	2380286.9 2902062.5	1990644.9 2314220.7	2737889.8 2503836.5	2748327.0 3230421.5	31510525.1
Oil, MMBTU	755.8 137.7	151.5 1233.4	304.8 148.5	210.7 70.5	109.6 177.6	282.0 371.9	3954.0
Gas, MMBTU	8335.0 2629.0	0.0 1969.0	187.0 1057.0	4599.0 27.0	537.0 0.0	739.0 1868.0	21947.0
Startup, MMBTU **	-2256.0 -2256.0	0.0 0.0	0.0 0.0	-2256.0 0.0	0.0 0.0	0.0 0.0	-6768.0
Total Fuel Consumption, MMBTU	2677872.3 2664486.1	2494523.2 2876653.1	2380778.7 2903268.0	1993198.6 2314318.2	2738536.4 2504014.1	2749348.0 3232661.4	31529658.1
Net MWH Generation***	250317 248772	242776 272702	224450 264135	188323 215650	258087 234525	276886 308398	2985021
Average Net Operating Heat Rate	10698 10711	10275 10549	10607 10992	10584 10732	10611 10677	9930 10482	10563

* 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 2010 - December 2010

Smith 1

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	87663.1 84465.4	75582.1 80092.0	66581.3 75370.4	34996.4 54351.3	55034.2 70241.4	77424.8 100536.2	862338.6
BTU/Lb*	11349.0 11653.6	11545.5 11771.1	11783.1 11798.0	11965.3 11761.9	11762.7 11292.8	11436.0 11067.2	11555.8
Coal, MMBTU	994888.5 984326.0	872633.1 942770.9	784534.1 889220.0	418742.4 639274.6	647350.8 793222.1	885430.0 1112654.2	9965046.7
Oil, MMBTU	1745.0 618.3	1640.5 1910.7	923.2 405.5	2801.7 424.6	1415.3 3035.6	681.0 571.6	16173.0
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 -964.0	0.0 0.0	-964.0 0.0	0.0 -964.0	0.0 0.0	-2892.0
Total Fuel Consumption, MMBTU	996633.5 984944.3	874273.6 943717.6	785457.3 889625.5	420580.1 639699.2	648766.1 795293.7	886111.0 1113225.8	9978327.7
Net MWH Generation***	94090 92958	82163 89807	73148 84795	38998 58185	58561 75125	82454 107353	937637
Average Net Operating Heat Rate	10592 10596	10641 10508	10738 10491	10785 10994	11078 10586	10747 10370	10642

* 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 2010 - December 2010

Smith 2

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	100659.5 97391.7	83399.7 96775.1	49821.9 76879.8	32868.1 0.0	99137.7 48889.3	97544.3 22207.0	805574.1
BTU/Lb*	11356.6 11637.8	11531.3 11758.2	11813.8 11873.7	12007.8 0.0	11712.3 11318.5	11449.3 11079.5	11606.2
Coal, MMBTU	1143149.7 1133425.1	961707.0 1137901.0	588586.0 912847.7	394673.6 0.0	1161130.5 553353.5	1116814.0 246042.5	9349630.6
Oil, MMBTU	1773.5 473.3	1677.1 528.0	448.3 262.5	2864.2 0.0	1145.9 2347.1	643.3 1714.8	13878.0
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	-2380.0 0.0	0.0 -1190.0	0.0 -1190.0	-4760.0
Total Fuel Consumption, MMBTU	1144923.2 1133898.4	963384.1 1138429.0	589034.3 913110.2	395157.8 0.0	1162276.4 554510.6	1117457.3 246567.3	9358748.6
Net MWH Generation***	107900 106566	93041 107391	55953 85952	36176 0	110547 52221	105168 23039	883954
Average Net Operating Heat Rate	10611 10640	10354 10601	10527 10623	10923 ---	10514 10619	10625 10702	10587

* 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 2010 - December 2010

Daniel 1

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	266822.0 289698.0	115986.0 286604.0	0.0 270124.0	42514.0 238899.9	244782.0 293908.0	275396.0 236062.0	2560795.9
BTU/Lb*	10224.4 9894.7	9547.6 10176.7	0.0 10141.4	11011.9 10190.6	10524.3 9531.3	10083.5 9514.9	10020.8
Coal, MMBTU	2728094.9 2866474.8	1107387.9 2916682.9	0.0 2739435.5	468159.9 2434533.3	2576159.2 2801325.3	2776955.6 2246106.3	25661315.6
Oil, MMBTU	4560.2 1688.5	743.0 130.2	0.0 852.4	9922.0 4954.7	0.0 57.5	155.3 7466.0	30529.8
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 **	-2388.7 0.0	0.0 0.0	0.0 0.0	-4777.4 -2388.7	0.0 0.0	0.0 -2388.7	-11943.5
Total Fuel Consumption, MMBTU	2730266.4 2868163.3	1108130.9 2916813.1	0.0 2740287.9	473304.5 2437099.3	2576159.2 2801382.8	2777110.9 2251183.6	25679901.9
Net MWH Generation***	256697 283441	100628 286756	0 278462	41348 237222	259223 278876	273640 226058	2522351
Average Net Operating Heat Rate	10636 10119	11012 10172	--- 9841	11447 10273	9938 10045	10149 9958	10181

* 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 2010 - December 2010

Daniel 2

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	250360.0 271074.0	153422.0 267922.0	98842.0 279436.0	151602.0 276356.0	245062.0 173816.0	243084.0 221862.0	2632838.0
BTU/Lb*	10997.0 10651.0	9808.9 10582.6	9606.7 10012.4	9799.5 10339.1	10599.9 9610.6	10619.6 9780.7	10289.4
Coal, MMBTU	2753208.9 2887209.2	1504901.1 2835311.4	949545.4 2797825.0	1485623.8 2857272.3	2597632.7 1670476.0	2581454.8 2169965.7	27090426.3
Oil, MMBTU	2015.1 11.5	253.0 691.3	5142.9 745.8	126.6 12.4	5740.0 130.9	3723.7 827.7	19420.9
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 0.0	0.0 0.0	-2388.7 0.0	-2388.7 0.0	-7166.1
Total Fuel Consumption, MMBTU	2755224.0 2887220.7	1505154.1 2836002.7	952299.6 2798570.8	1485750.4 2857284.7	2600984.0 1670606.9	2582789.8 2170793.4	27102681.1
Net MWH Generation***	267470 280428	140250 273575	84433 273050	133749 279698	249973 152212	252166 208060	2595064
Average Net Operating Heat Rate	10301 10296	10732 10366	11279 10249	11108 10216	10405 10976	10242 10433	10444

* 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 2010 - December 2010
 Adjusted to Target Basis Using Heat Rate
 Equations Filed September 01, 2009

Crist 4

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10598 10988	10609 11271	11035 10989	10294 11001	10452 10725	10993 10988	
2. Target Heat Rate at Actual Conditions**	10700 11712	10592 11652	11303 11482	11625 12117	10452 10725	11366 10988	
3. Adjustment to Actual Heat Rate (1-2)	-102 -724	17 -381	-268 -493	-1331 -1116	0 0	-373 0	
4. Actual Heat Rate (Page 2 of Sched. 3)	11214 11638	11641 11574	11572 11876	11033 10961	0 0	12887 0	
5. Adjusted Actual Heat Rate (4+3)	11112 10914	11658 11193	11304 11383	9702 9845	0 0	12514 0	
6. Net MWH Generation	46518 42273	30015 43625	10990 34755	7496 5113	0 0	26493 0	
7. Adjusted Actual Heat Rate for January 2010 - December 2010 =($\Sigma(5*6) / \Sigma 6$)							11287

* From pages 20 & 21, Schedule 3 of Exhibit to M. A. Young, III's September 01, 2009 GPIF Testimony in Docket 090001-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 2010 - December 2010
 Adjusted to Target Basis Using Heat Rate
 Equations Filed September 01, 2009

Crist 5

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10467 11003	10495 11257	10873 11027	10516 10713	10864 10493	10991 10509	
2. Target Heat Rate at Actual Conditions**	10532 11120	10596 11459	11198 11261	10900 11231	11011 10684	11033 10502	
3. Adjustment to Actual Heat Rate (1-2)	-65 -117	-101 -202	-325 -234	-384 -518	-147 -191	-42 7	
4. Actual Heat Rate (Page 3 of Sched. 3)	11243 11404	11280 11297	10937 11880	11514 11712	11258 11272	11256 12107	
5. Adjusted Actual Heat Rate (4+3)	11178 11287	11179 11095	10612 11646	11130 11194	11111 11081	11214 12114	
6. Net MWH Generation	45417 43611	38776 42938	39631 39522	33013 27944	41974 38541	43607 8074	
7. Adjusted Actual Heat Rate for January 2010 - December 2010 = $(\Sigma(5*6)/\Sigma 6)$							11175

* From pages 22 & 23, Schedule 3 of Exhibit to M. A. Young, III's September 01, 2009 GPIF Testimony in Docket 090001-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 2010 - December 2010
 Adjusted to Target Basis Using Heat Rate
 Equations Filed September 01, 2009

Crist 6

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	11022 10881	10798 10862	10916 10894	11018 10920	11012 10560	10950 11074	
2. Target Heat Rate at Actual Conditions**	10985 10852	10860 10931	11154 10961	11496 11991	11091 11179	10876 10835	
3. Adjustment to Actual Heat Rate (1-2)	37 29	-62 -69	-238 -67	-478 -1071	-79 -619	74 239	
4. Actual Heat Rate (Page 4 of Sched. 3)	10944 11731	11370 11257	11222 11548	11463 13006	11554 12045	11292 11172	
5. Adjusted Actual Heat Rate (4+3)	10981 11760	11308 11188	10984 11481	10985 11935	11475 11426	11366 11411	
6. Net MWH Generation	152252 161308	106646 157947	39225 119478	43023 12962	135083 6934	127217 138087	
7. Adjusted Actual Heat Rate for January 2010 - December 2010 =($\Sigma(5*6) / \Sigma 6$)							11351

* From pages 24 & 25, Schedule 3 of Exhibit to M. A. Young, III's September 01, 2009 GPIF Testimony in Docket 090001-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 2010 - December 2010
 Adjusted to Target Basis Using Heat Rate
 Equations Filed September 01, 2009

Crist 7

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10459 10612	10458 10812	10839 10661	10892 10466	10732 10471	10899 10450	
2. Target Heat Rate at Actual Conditions**	10542 10757	10531 10948	11164 10750	11163 10649	10869 10584	10971 10469	
3. Adjustment to Actual Heat Rate (1-2)	-83 -145	-73 -136	-325 -89	-271 -183	-137 -113	-72 -19	
4. Actual Heat Rate (Page 5 of Sched. 3)	10698 10711	10275 10549	10607 10992	10584 10732	10611 10677	9930 10482	
5. Adjusted Actual Heat Rate (4+3)	10615 10566	10202 10413	10282 10903	10313 10549	10474 10564	9858 10463	
6. Net MWH Generation	250317 248772	242776 272702	224450 264135	188323 215650	258087 234525	276886 308398	
7. Adjusted Actual Heat Rate for January 2010 - December 2010 =($\Sigma(5*6)/\Sigma 6$)							10433

* From pages 26 & 27, Schedule 3 of Exhibit to M. A. Young, III's September 01, 2009 GPIF Testimony in Docket 090001-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 2010 - December 2010
 Adjusted to Target Basis Using Heat Rate
 Equations Filed September 01, 2009

Smith 1

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10247 10454	10259 10332	10259 10243	10299 10233	10269 10326	10364 10342	
2. Target Heat Rate at Actual Conditions**	10382 10739	10380 10623	10818 10648	11014 11869	11704 10697	10816 10289	
3. Adjustment to Actual Heat Rate (1-2)	-135 -285	-121 -291	-559 -405	-715 -1636	-1435 -371	-452 53	
4. Actual Heat Rate (Page 6 of Sched. 3)	10592 10596	10641 10508	10738 10491	10785 10994	11078 10586	10747 10370	
5. Adjusted Actual Heat Rate (4+3)	10457 10311	10520 10217	10179 10086	10070 9358	9643 10215	10295 10423	
6. Net MWH Generation	94090 92958	82163 89807	73148 84795	38998 58185	58561 75125	82454 107353	
7. Adjusted Actual Heat Rate for January 2010 - December 2010 =($\Sigma(5*6) / \Sigma 6$)							10197

* From pages 28 & 29 , Schedule 3 of Exhibit to M. A. Young, III's September 01, 2009 GPIF Testimony in Docket 090001-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 2010 - December 2010
 Adjusted to Target Basis Using Heat Rate
 Equations Filed September 01, 2009

Smith 2

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10405 10432	10285 10380	10284 10295	10297 10290	10299 10304	10506 10309	
2. Target Heat Rate at Actual Conditions**	10437 10499	10310 10447	10348 10352	10571 10290	10333 10359	10552 10340	
3. Adjustment to Actual Heat Rate (1-2)	-32 -67	-25 -67	-64 -57	-274 0	-34 -55	-46 -31	
4. Actual Heat Rate (Page 7 of Sched. 3)	10611 10640	10354 10601	10527 10623	10923 0	10514 10619	10625 10702	
5. Adjusted Actual Heat Rate (4+3)	10579 10573	10329 10534	10463 10566	10649 0	10480 10564	10579 10671	
6. Net MWH Generation	107900 106566	93041 107391	55953 85952	36176 0	110547 52221	105168 23039	
7. Adjusted Actual Heat Rate for January 2010 - December 2010 = $(\Sigma(5*6)/\Sigma 6)$							10530

* From pages 30 & 31, Schedule 3 of Exhibit to M. A. Young, III's September 01, 2009 GPIF Testimony in Docket 090001-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 2010 - December 2010
 Adjusted to Target Basis Using Heat Rate
 Equations Filed September 01, 2009

Daniel 1

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10521 10379	10402 10338	0 10384	10383 10377	10492 10428	10455 10403	
2. Target Heat Rate at Actual Conditions**	10650 10452	11995 10447	0 10444	11351 10567	10882 10450	10493 10472	
3. Adjustment to Actual Heat Rate (1-2)	-129 -73	-1593 -109	0 -60	-968 -190	-390 -22	-38 -69	
4. Actual Heat Rate*** (Page 8 of Sched. 3)	10636 10119	11012 10172	0 9841	11447 10273	9938 10045	10149 9958	
5. Adjusted Actual Heat Rate (4+3)	10507 10046	9419 10063	0 9781	10479 10083	9548 10023	10111 9889	
6. Net MWH Generation	256697 283441	100628 286756	0 278462	41348 237222	259223 278876	273640 226058	
7. Adjusted Actual Heat Rate for January 2010 - December 2010 =($\Sigma(5*6)/\Sigma 6$)							9990

* From pages 32 & 33, Schedule 3 of Exhibit to M. A. Young, III's September 01, 2009 GPIF Testimony in Docket 090001-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 2010 - December 2010
 Adjusted to Target Basis Using Heat Rate
 Equations Filed September 01, 2009

Daniel 2

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	9867 10256	10009 10329	9897 10412	10314 10250	10242 10340	10347 10264	
2. Target Heat Rate at Actual Conditions**	10134 10423	11708 10607	11995 10571	12557 10465	10512 12468	10418 11155	
3. Adjustment to Actual Heat Rate (1-2)	-267 -167	-1699 -278	-2098 -159	-2243 -215	-270 -2128	-71 -891	
4. Actual Heat Rate*** (Page 9 of Sched. 3)	10301 10296	10732 10366	11279 10249	11108 10216	10405 10976	10242 10433	
5. Adjusted Actual Heat Rate (4+3)	10034 10129	9033 10088	9181 10090	8865 10001	10135 8848	10171 9542	
6. Net MWH Generation	267470 280428	140250 273575	84433 273050	133749 279698	249973 152212	252166 208060	
7. Adjusted Actual Heat Rate for January 2010 - December 2010 = $(\Sigma(5*6) / \Sigma 6)$							9824

* From pages 34 & 35, Schedule 3 of Exhibit to M. A. Young, III's September 01, 2009 GPIF Testimony in Docket 090001-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 2010 - December 2010

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec
Crist 4						
+3						
AKW * 10	62.5	56.3	50.9	50.3	0.0	58.7
	56.8	58.6	58.1	53.0	0.0	0.0
+6						
LSRF * 10	4054.9	3284.2	2658.2	2742.9	0.0	3626.9
	3445.0	3611.4	3570.8	3030.4	0.0	0.0
Crist 5						
+3						
AKW * 10	61.0	57.7	53.3	45.9	56.4	60.6
	58.6	57.7	55.2	46.1	53.7	62.7
+6						
LSRF * 10	3849.0	3469.0	2962.6	2181.8	3409.3	3862.8
	3634.8	3502.8	3248.9	2506.1	2992.6	4082.4
Crist 6						
+3						
AKW * 10	204.6	188.3	183.2	151.2	190.7	221.3
	225.3	212.5	208.0	120.7	126.9	228.2
+6						
LSRF * 10	46853.9	39736.1	38293.6	25932.8	41418.1	54387.8
	55378.0	49618.8	47796.1	15539.7	17970.0	55882.4
Crist 7						
+3						
AKW * 10	353.2	361.3	302.1	302.9	346.9	384.6
	345.3	370.6	368.5	289.9	325.3	414.5
+6						
LSRF * 10	139182.0	137940.0	96668.1	97134.6	129336.9	156023.4
	124967.3	144455.3	143568.9	88763.1	113302.0	175626.9
Smith 1						
+3						
AKW * 10	126.5	122.3	98.4	91.4	78.7	114.5
	125.4	125.6	117.8	78.2	113.2	144.3
+6						
LSRF * 10	16755.0	15571.1	10038.3	8478.4	6574.3	14742.6
	17265.6	17327.6	15585.4	6594.4	13996.0	21387.8
Smith 2						
+3						
AKW * 10	145.0	138.5	122.9	86.3	148.6	146.1
	143.2	144.3	142.4	0.0	135.2	126.0
+6						
LSRF * 10	21885.7	19845.7	15615.1	7617.1	24459.4	23905.3
	23172.3	23531.6	22950.3	0.0	20582.1	16483.6

Actual Values of
 Target Heat Rate Equation Parameters
 for January 2010 - December 2010

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec
Daniel 1						
AKW * 10	356.5	222.2	0.0	289.8	348.4	380.1
	382.3	385.4	386.8	366.7	386.8	380.3
LSRF * 10	142942.0	56790.0	0.0	108653.9	144001.4	162896.6
	163125.7	165723.3	166852.6	153743.6	167121.3	162187.2
Daniel 2						
AKW * 10	359.5	225.3	211.5	207.0	363.4	377.0
	376.9	369.1	379.2	375.9	211.1	284.1
LSRF * 10	140618.9	54571.0	48906.4	46417.6	151003.6	160326.5
	160434.4	154736.2	162456.1	161547.9	49271.1	93645.5

Target Heat Rate Equations

Crist 4 ANOHR = $10^6 / AKW * [1360.90 - 26.57 * JAN - 25.71 * FEB - 43.72 * APR - 33.69 * MAY + 17.95 * AUG - 17.31 * NOV] - 35180 + 0.37811 * LSRF / AKW$

Crist 5 ANOHR = $10^6 / AKW * [68.22 + 26.89 * MAR + 21.84 * MAY + 29.87 * JUN + 31.73 * JUL + 49.76 * AUG + 33.72 * SEP + 15.55 * OCT] + 9,414$

Crist 6 ANOHR = $10^6 / AKW * [296.07 - 47.17 * FEB - 87.78 * NOV] + 9,538$

Crist 7 ANOHR = $10^6 / AKW * [173.73 + 162.82 * MAR + 163.38 * APR + 110.30 * MAY + 180.34 * JUN + 70.53 * JUL + 158.99 * AUG + 84.09 * SEP] + 10,050$

Smith 1 ANOHR = $10^6 / AKW * [687.91 - 14.60 * MAY + 14.79 * JUL - 15.35 * SEP - 8.29 * OCT] + 84 + 0.03669 * LSRF / AKW$

Smith 2 ANOHR = $10^6 / AKW * [104.09 + 19.47 * JAN + 30.73 * JUN + 21.41 * JUL + 14.11 * AUG] + 9,055 + 0.00351 * LSRF / AKW$

Daniel 1 ANOHR = $10^6 / AKW * [1634.36 + 42.82 * JAN + 46.68 * MAY] + 2,345 + 0.00898 * LSRF / AKW$

Daniel 2 ANOHR = $10^6 / AKW * [1662.56 - 88.78 * JAN - 74.02 * FEB - 93.64 * MAR + 51.38 * AUG + 58.75 * SEP] + 2,870 + 0.00738 * LSRF / AKW$

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 2010 - December 2010

(1)	(2)	(3)	(4)	(5)
Unit	Actual Average Net Operating Heat Rate Target*	Net Operating Heat Rate Adjusted to Target Basis**	Minimum Attainable Heat Rate*	Heat Rate Points***
Crist 4	10837	11287	10512	-10.00
Crist 5	10777	11175	10454	-10.00
Crist 6	10910	11351	10583	-10.00
Crist 7	10656	10433	10336	6.04
Smith 1	10300	10197	9991	1.20
Smith 2	10345	10530	10035	-4.68
Daniel 1	10415	9990	10103	10.00
Daniel 2	10231	9824	9924	10.00

* From page 5, Schedule 3 of Exhibit to M. A. Young, III's
 September 01, 2009 GPIF Testimony in Docket 090001-EI.

** Refer to pages 10 through 17 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 2010 - December 2010

Unit	Availability Points	Availability* Weighting Factor	Heat Rate Points	Heat Rate* Weighting Factor
Crist 4	10.00	0.000	-10.00	0.045
Crist 5	10.00	0.001	-10.00	0.048
Crist 6	2.73	0.010	-10.00	0.131
Crist 7	10.00	0.052	6.04	0.316
Smith 1	-5.26	0.001	1.20	0.105
Smith 2	-10.00	0.008	-4.68	0.101
Daniel 1	2.67	0.010	10.00	0.071
Daniel 2	10.00	0.017	10.00	0.085

$$\begin{aligned}
 \text{Company GPIF Points} = & + 10.00 * 0.000 - 10.00 * 0.045 \\
 & + 10.00 * 0.001 - 10.00 * 0.048 \\
 & + 2.73 * 0.010 - 10.00 * 0.131 \\
 & + 10.00 * 0.052 + 6.04 * 0.316 \\
 & - 5.26 * 0.001 + 1.20 * 0.105 \\
 & - 10.00 * 0.008 - 4.68 * 0.101 \\
 & + 2.67 * 0.010 + 10.00 * 0.071 \\
 & + 10.00 * 0.017 + 10.00 * 0.085 \\
 = & 1.56
 \end{aligned}$$

$$\begin{aligned}
 \text{Company reward/penalty} = & 1.56 \text{ points} * \$413789 \text{ per point} \\
 = & \$645,511
 \end{aligned}$$

* From page 5, Schedule 3 of Exhibit to M. A. Young, III's September 01, 2009 GPIF Testimony in Docket 090001-EI.

V. GPIF MINIMUM FILING REQUIREMENTS FOR THE JANUARY 2010 - DECEMBER 2010 PERIOD

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Generating Performance Incentive Factor

Actual Reward/Penalty Table

Gulf Power Company

Period of: January 2010 - December 2010

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	15987	4138
+ 9	14388	3724
+ 8	12790	3310
+ 7	11191	2897
+ 6	9592	2483
+ 5	7994	2069
+ 4	6395	1655
+ 3	4796	1241
+ 2	3197	828
+ 1	1599	414
0	0	0
- 1	-1701	-414
- 2	-3403	-828
- 3	-5104	-1241
- 4	-6806	-1655
- 5	-8507	-2069
- 6	-10208	-2483
- 7	-11910	-2897
- 8	-13611	-3310
- 9	-15313	-3724
- 10	-17014	-4138
	Minimum Attainable Fuel Loss	Maximum Incentive Dollars Allowed by Commission During Period (Penalty)

Issued by: M. A. Crosswhite

Generating Performance Incentive Factor
 Calculation of Maximum Allowed Incentive Dollars

Actual

Gulf Power Company

Period of: January 2010 - December 2010

Line 1	Beginning of Period Balance of Common Equity	\$1,002,290,042
	End of Month Balance of Common Equity:	
Line 2	Month of Jan '10	\$1,034,371,346
Line 3	Month of Feb '10	\$1,045,547,394
Line 4	Month of Mar '10	\$1,052,077,758
Line 5	Month of Apr '10	\$1,031,482,405
Line 6	Month of May '10	\$1,044,125,732
Line 7	Month of Jun '10	\$1,060,462,464
Line 8	Month of Jul '10	\$1,049,262,579
Line 9	Month of Aug '10	\$1,065,621,608
Line 10	Month of Sep '10	\$1,078,969,853
Line 11	Month of Oct '10	\$1,059,859,814
Line 12	Month of Nov '10	\$1,065,376,468
Line 13	Month of Dec '10	\$1,073,033,892
Line 14	Average Common Equity for the Period (sum of line 1 through line 13 divided by 13)	\$1,050,960,104
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)	\$4,280,492
Line 18	Jurisdictional Sales (KWH)	11,359,195,303
Line 19	Total Territorial Sales (KWH)	11,750,659,669
Line 20	Jurisdictional Separation Factor (line 18 divided by line 19)	96.6686%
Line 21	Maximum Allowed Jurisdictional Incentive Dollars (line 17 multiplied by line 20)	\$4,137,891

Issued by: M. A. Crosswhite

Calculation of System Actual GPIF Points

Gulf Power Company

Period of: January 2010 - December 2010

Plant & Unit	Performance Indicator (EAF or ANOHR)	Weighting Factor	Unit Points	Weighted Unit Points
Crist 4	EAF1	0.0%	10.00	0.004
Crist 4	ANOHR1	4.5%	-10.00	-0.446
Crist 5	EAF2	0.1%	10.00	0.010
Crist 5	ANOHR2	4.8%	-10.00	-0.476
Crist 6	EAF3	1.0%	2.73	0.027
Crist 6	ANOHR3	13.1%	-10.00	-1.309
Crist 7	EAF4	5.2%	10.00	0.520
Crist 7	ANOHR4	31.6%	6.04	1.906
Smith 1	EAF5	0.1%	-5.26	-0.005
Smith 1	ANOHR5	10.5%	1.20	0.126
Smith 2	EAF6	0.8%	-10.00	-0.080
Smith 2	ANOHR6	10.1%	-4.68	-0.473
Daniel 1	EAF7	1.0%	2.67	0.027
Daniel 1	ANOHR7	7.1%	10.00	0.710
Daniel 2	EAF8	1.7%	10.00	0.170
Daniel 2	ANOHR8	8.5%	10.00	0.850
Gulf Power GPIF Total		100.0%		1.56

Issued by: M. A. Crosswhite

Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2010 - December 2010

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	6	90.10	+ 10	722	10,512
+ 9	5	90.03	+ 9	650	10,537
+ 8	5	89.96	+ 8	578	10,562
+ 7	4	89.89	+ 7	505	10,587
+ 6	4	89.82	+ 6	433	10,612
+ 5	3	89.75	+ 5	361	10,637
+ 4	2	89.68	+ 4	289	10,662
+ 3	2	89.61	+ 3	217	10,687
+ 2	1	89.54	+ 2	144	10,712
+ 1	1	89.47	+ 1	72	10,737
0	0	89.40	0	0	10,762
				0	10,837
				0	10,912
- 1	(2)	89.29	- 1	(72)	10,937
- 2	(4)	89.18	- 2	(144)	10,962
- 3	(6)	89.07	- 3	(217)	10,987
- 4	(8)	88.96	- 4	(289)	11,012
- 5	(10)	88.85	- 5	(361)	11,037
- 6	(12)	88.74	- 6	(433)	11,062
- 7	(14)	88.63	- 7	(505)	11,087
- 8	(16)	88.52	- 8	(578)	11,112
- 9	(18)	88.41	- 9	(650)	11,137
- 10	(20)	88.30	- 10	(722)	11,162
Weighting Factor:		0.000	Weighting Factor:		0.045

Issued by: M. A. Crosswhite

Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2010 - December 2010

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	9	97.40	+ 10	760	10,454
+ 9	8	97.29	+ 9	684	10,479
+ 8	7	97.18	+ 8	608	10,504
+ 7	6	97.07	+ 7	532	10,528
+ 6	5	96.96	+ 6	456	10,553
+ 5	5	96.85	+ 5	380	10,578
+ 4	4	96.74	+ 4	304	10,603
+ 3	3	96.63	+ 3	228	10,628
+ 2	2	96.52	+ 2	152	10,652
+ 1	1	96.41	+ 1	76	10,677
0	0	96.30	0	0	10,702
- 1	(3)	96.14	- 1	(76)	10,777
- 2	(6)	95.98	- 2	(152)	10,852
- 3	(8)	95.82	- 3	(228)	10,877
- 4	(11)	95.66	- 4	(304)	10,902
- 5	(14)	95.50	- 5	(380)	10,926
- 6	(17)	95.34	- 6	(456)	10,951
- 7	(20)	95.18	- 7	(532)	10,976
- 8	(22)	95.02	- 8	(608)	11,001
- 9	(25)	94.86	- 9	(684)	11,026
- 10	(28)	94.70	- 10	(760)	11,050
					11,075
					11,100
Weighting Factor:		0.001	Weighting Factor:		0.048

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2010 - December 2010

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	161	94.70	+ 10	2,094	10,583
+ 9	145	94.48	+ 9	1,885	10,608
+ 8	129	94.26	+ 8	1,675	10,633
+ 7	113	94.04	+ 7	1,466	10,659
+ 6	97	93.82	+ 6	1,256	10,684
+ 5	81	93.60	+ 5	1,047	10,709
+ 4	64	93.38	+ 4	838	10,734
+ 3	48	93.16	+ 3	628	10,759
+ 2	32	92.94	+ 2	419	10,785
+ 1	16	92.72	+ 1	209	10,810
				0	10,835
0	0	92.50	0	0	10,910
				0	10,985
- 1	(28)	92.16	- 1	(209)	11,010
- 2	(56)	91.82	- 2	(419)	11,035
- 3	(84)	91.48	- 3	(628)	11,061
- 4	(112)	91.14	- 4	(838)	11,086
- 5	(140)	90.80	- 5	(1,047)	11,111
- 6	(168)	90.46	- 6	(1,256)	11,136
- 7	(196)	90.12	- 7	(1,466)	11,161
- 8	(224)	89.78	- 8	(1,675)	11,187
- 9	(252)	89.44	- 9	(1,885)	11,212
- 10	(280)	89.10	- 10	(2,094)	11,237
Weighting Factor:		0.010	Weighting Factor:		0.131

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2010 - December 2010

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	825	91.30	+ 10	5,050	10,336
+ 9	743	90.93	+ 9	4,545	10,361
+ 8	660	90.56	+ 8	4,040	10,385
+ 7	578	90.19	+ 7	3,535	10,410
+ 6	495	89.82	+ 6	3,030	10,434
+ 5	413	89.45	+ 5	2,525	10,459
+ 4	330	89.08	+ 4	2,020	10,483
+ 3	248	88.71	+ 3	1,515	10,508
+ 2	165	88.34	+ 2	1,010	10,532
+ 1	83	87.97	+ 1	505	10,557
				0	10,581
0	0	87.60	0	0	10,656
				0	10,731
- 1	(130)	87.04	- 1	(505)	10,756
- 2	(260)	86.48	- 2	(1,010)	10,780
- 3	(390)	85.92	- 3	(1,515)	10,805
- 4	(520)	85.36	- 4	(2,020)	10,829
- 5	(650)	84.80	- 5	(2,525)	10,854
- 6	(780)	84.24	- 6	(3,030)	10,878
- 7	(910)	83.68	- 7	(3,535)	10,903
- 8	(1,040)	83.12	- 8	(4,040)	10,927
- 9	(1,170)	82.56	- 9	(4,545)	10,952
- 10	(1,300)	82.00	- 10	(5,050)	10,976
Weighting Factor:		0.052	Weighting Factor:		0.316

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2010 - December 2010

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	20	97.10	+ 10	1,686	9,991
+ 9	18	96.97	+ 9	1,517	10,014
+ 8	16	96.84	+ 8	1,349	10,038
+ 7	14	96.71	+ 7	1,180	10,061
+ 6	12	96.58	+ 6	1,012	10,085
+ 5	10	96.45	+ 5	843	10,108
+ 4	8	96.32	+ 4	674	10,131
+ 3	6	96.19	+ 3	506	10,155
+ 2	4	96.06	+ 2	337	10,178
+ 1	2	95.93	+ 1	169	10,202
				0	10,225
0	0	95.80	0	0	10,300
				0	10,375
- 1	(7)	95.61	- 1	(169)	10,398
- 2	(13)	95.42	- 2	(337)	10,422
- 3	(20)	95.23	- 3	(506)	10,445
- 4	(26)	95.04	- 4	(674)	10,469
- 5	(33)	94.85	- 5	(843)	10,492
- 6	(40)	94.66	- 6	(1,012)	10,515
- 7	(46)	94.47	- 7	(1,180)	10,539
- 8	(53)	94.28	- 8	(1,349)	10,562
- 9	(59)	94.09	- 9	(1,517)	10,586
- 10	(66)	93.90	- 10	(1,686)	10,609

Weighting Factor: 0.001

Weighting Factor: 0.105

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2010 - December 2010

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	125	91.00	+ 10	1,612	10,035
+ 9	113	90.89	+ 9	1,451	10,059
+ 8	100	90.78	+ 8	1,290	10,082
+ 7	88	90.67	+ 7	1,128	10,106
+ 6	75	90.56	+ 6	967	10,129
+ 5	63	90.45	+ 5	806	10,153
+ 4	50	90.34	+ 4	645	10,176
+ 3	38	90.23	+ 3	484	10,200
+ 2	25	90.12	+ 2	322	10,223
+ 1	13	90.01	+ 1	161	10,247
				0	10,270
0	0	89.90	0	0	10,345
				0	10,420
- 1	(13)	89.73	- 1	(161)	10,444
- 2	(27)	89.56	- 2	(322)	10,467
- 3	(40)	89.39	- 3	(484)	10,491
- 4	(53)	89.22	- 4	(645)	10,514
- 5	(67)	89.05	- 5	(806)	10,538
- 6	(80)	88.88	- 6	(967)	10,561
- 7	(93)	88.71	- 7	(1,128)	10,585
- 8	(106)	88.54	- 8	(1,290)	10,608
- 9	(120)	88.37	- 9	(1,451)	10,632
- 10	(133)	88.20	- 10	(1,612)	10,655

Weighting Factor: 0.008

Weighting Factor: 0.101

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2010 - December 2010

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	163	79.20	+ 10	1,131	10,103
+ 9	147	79.05	+ 9	1,018	10,127
+ 8	130	78.90	+ 8	905	10,150
+ 7	114	78.75	+ 7	792	10,174
+ 6	98	78.60	+ 6	679	10,198
+ 5	82	78.45	+ 5	566	10,222
+ 4	65	78.30	+ 4	452	10,245
+ 3	49	78.15	+ 3	339	10,269
+ 2	33	78.00	+ 2	226	10,293
+ 1	16	77.85	+ 1	113	10,316
				0	10,340
0	0	77.70	0	0	10,415
				0	10,490
- 1	(34)	77.47	- 1	(113)	10,514
- 2	(68)	77.24	- 2	(226)	10,537
- 3	(102)	77.01	- 3	(339)	10,561
- 4	(136)	76.78	- 4	(452)	10,585
- 5	(170)	76.55	- 5	(566)	10,609
- 6	(204)	76.32	- 6	(679)	10,632
- 7	(238)	76.09	- 7	(792)	10,656
- 8	(272)	75.86	- 8	(905)	10,680
- 9	(306)	75.63	- 9	(1,018)	10,703
- 10	(340)	75.40	- 10	(1,131)	10,727
Weighting Factor:		0.010	Weighting Factor:		0.071

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2010 - December 2010

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	266	89.80	+ 10	1,357	9,924
+ 9	239	89.60	+ 9	1,221	9,947
+ 8	213	89.40	+ 8	1,086	9,970
+ 7	186	89.20	+ 7	950	9,994
+ 6	160	89.00	+ 6	814	10,017
+ 5	133	88.80	+ 5	679	10,040
+ 4	106	88.60	+ 4	543	10,063
+ 3	80	88.40	+ 3	407	10,086
+ 2	53	88.20	+ 2	271	10,110
+ 1	27	88.00	+ 1	136	10,133
				0	10,156
0	0	87.80	0	0	10,231
				0	10,306
- 1	(44)	87.52	- 1	(136)	10,329
- 2	(87)	87.24	- 2	(271)	10,352
- 3	(131)	86.96	- 3	(407)	10,376
- 4	(174)	86.68	- 4	(543)	10,399
- 5	(218)	86.40	- 5	(679)	10,422
- 6	(261)	86.12	- 6	(814)	10,445
- 7	(305)	85.84	- 7	(950)	10,468
- 8	(348)	85.56	- 8	(1,086)	10,492
- 9	(392)	85.28	- 9	(1,221)	10,515
- 10	(435)	85.00	- 10	(1,357)	10,538

Weighting Factor: 0.017

Weighting Factor: 0.085

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GPIF Unit Performance Summary

Gulf Power Company

Period of: January 2010 - December 2010

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	0.0	89.4	90.1	88.3	\$6	(\$20)	90.5	\$6
Crist 5	0.1	96.3	97.4	94.7	\$9	(\$28)	98.4	\$9
Crist 6	1.0	92.5	94.7	89.1	\$161	(\$280)	93.1	\$44
Crist 7	5.2	87.6	91.3	82.0	\$825	(\$1,300)	94.1	\$825
Smith 1	0.1	95.8	97.1	93.9	\$20	(\$66)	94.8	(\$35)
Smith 2	0.8	89.9	91.0	88.2	\$125	(\$133)	87.2	(\$133)
Daniel 1	1.0	77.7	79.2	75.4	\$163	(\$340)	78.1	\$44
Daniel 2	1.7	87.8	89.8	85.0	\$266	(\$435)	92.4	\$266
Total:	9.9							

Plant & Unit	Weighting Factor %	ANOHR Target BTU/KWH	Target NOF	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	4.5	10,837	85.4	11,162	10,512	\$722	(\$722)	11,287	(\$722)
Crist 5	4.8	10,777	84.4	11,100	10,454	\$760	(\$760)	11,175	(\$760)
Crist 6	13.1	10,910	71.6	11,237	10,583	\$2,094	(\$2,094)	11,351	(\$2,094)
Crist 7	31.6	10,656	90.8	10,976	10,336	\$5,050	(\$5,050)	10,433	\$3,050
Smith 1	10.5	10,300	86.5	10,609	9,991	\$1,686	(\$1,686)	10,197	\$202
Smith 2	10.1	10,345	78.3	10,655	10,035	\$1,612	(\$1,612)	10,530	(\$754)
Daniel 1	7.1	10,415	75.2	10,727	10,103	\$1,131	(\$1,131)	9,990	\$1,131
Daniel 2	8.5	10,231	77.8	10,538	9,924	\$1,357	(\$1,357)	9,824	\$1,357
Total:	90.1								

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Actual Unit Performance Data

Gulf Power Company

Period of: January 2010 - December 2010

Plant & Unit	Actual EAF %	Adjustments* to EAF %	Adjusted Actual %
Crist 4	92.4	-1.9	90.5
Crist 5	94.4	4.0	98.4
Crist 6	95.0	-1.9	93.1
Crist 7	94.1	0.0	94.1
Smith 1	94.8	0.0	94.8
Smith 2	85.3	1.9	87.2
Daniel 1	80.3	-2.2	78.1
Daniel 2	93.7	-1.3	92.4

Plant & Unit	Actual ANOHR BTU/KWH	Adjustments** to ANOHR BTU/KWH	Adjusted Actual BTU/KWH
Crist 4	11,679	-392	11,287
Crist 5	11,368	-193	11,175
Crist 6	11,377	-26	11,351
Crist 7	10,563	-130	10,433
Smith 1	10,642	-445	10,197
Smith 2	10,587	-57	10,530
Daniel 1	10,181	-191	9,990
Daniel 2	10,444	-620	9,824

* 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 2010 - December 2010

CRIST 4	Jan '10	Feb '10	Mar '10	Apr '10	May '10	Jun '10	
1. EAF (%)	100.0	100.0	99.8	100.0	100.0	91.8	
2. PH	744.0	672.0	743.0	720.0	744.0	720.0	
3. SH	744.0	533.4	215.8	149.1	0.0	451.5	
4. RSH	0.0	138.6	527.2	570.9	744.0	219.9	
5. UH	0.0	0.0	0.0	0.0	0.0	48.6	
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	48.6	
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	
9. PFOH	0.0	0.0	4.8	0.0	0.0	4.5	
10. LR pf (MW)	0.0	0.0	20.0	0.0	0.0	21.0	
11. PMOH	0.0	0.0	0.0	0.0	0.0	18.8	
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	36.0	
13. NSC (MW)	75.0	75.0	75.0	75.0	75.0	75.0	
14. Oper MBtu	521640	349400	127174	82703	0	341422	
15. Net Gen (MWE)	46518	30015	10990	7496	0	26493	
16. ANOHR (Btu/K)	11214	11641	11572	11033	0	12887	
17. NOF %	83.4	75.0	67.9	67.0	0.0	78.2	
18. NPC (MW)	75.0	75.0	75.0	75.0	75.0	75.0	
19. ANOHR Equation	$10^6 / AKW * [1360.90 - 26.57 * JAN - 25.71 * FEB - 43.72 * APR - 33.69 * MAY + 17.95 * AUG - 17.31 * NOV]$ $-35180 + 0.37811 * LSRF / AKW$						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

CRIST 4	Jul '10	Aug '10	Sep '10	Oct '10	Nov '10	Dec '10	Total
1. EAF (%)	100.0	100.0	99.8	100.0	100.0	19.4	92.4
2. PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3. SH	744.0	744.0	598.1	96.4	0.0	0.0	4276.3
4. RSH	0.0	0.0	120.5	647.6	721.0	144.0	3833.7
5. UH	0.0	0.0	1.4	0.0	0.0	600.0	650.1
6. POH	0.0	0.0	0.0	0.0	0.0	600.0	600.0
7. FOH	0.0	0.0	1.4	0.0	0.0	0.0	50.1
8. MOH	0.0	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	9.3
10. LR pf (MW)	0.0	0.0	0.0	0.0	0.0	0.0	20.5
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	18.8
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	36.0
13. NSC (MW)	75.0	75.0	75.0	75.0	75.0	75.0	75.0
14. Oper MBtu	491976	504911	412764	56043	0	0	2888033
15. Net Gen (MWH)	42273	43625	34755	5113	0	0	247278
16. ANOHR (Btu/K)	11638	11574	11876	10961	0	0	11679
17. NOF %	75.8	78.2	77.5	70.7	0.0	0.0	77.1
18. NPC (MW)	75.0	75.0	75.0	75.0	75.0	75.0	75.0
19. ANOHR Equation	$10^6 / AKW * [1360.90 - 26.57 * JAN - 25.71 * FEB - 43.72 * APR - 33.69 * MAY + 17.95 * AUG - 17.31 * NOV]$ $-35180 + 0.37811 * LSRF / AKW$						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

	CRIST 5	Jan '10	Feb '10	Mar '10	Apr '10	May '10	Jun '10	
1.	EAF (%)	100.0	99.9	100.0	100.0	100.0	98.7	
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
3.	SH	744.0	672.0	743.0	720.0	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	0.0	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	0.0	0.0	0.0	
9.	PFOH	1.3	0.6	0.0	0.0	0.0	15.1	
10.	LR pf (MW)	15.0	50.0	0.0	0.0	0.0	25.5	
11.	PMOH	0.0	0.0	0.0	0.0	0.0	10.6	
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	30.0	
13.	NSC (MW)	75.0	75.0	75.0	75.0	75.0	75.0	
14.	Oper MBtu	510627	437384	433460	380116	472548	490858	
15.	Net Gen (MWH)	45417	38776	39631	33013	41974	43607	
16.	ANOHR (Btu/K	11243	11280	10937	11514	11258	11256	
17.	NOF %	81.4	76.9	71.1	61.1	75.2	80.8	
18.	NPC (MW)	75.0	75.0	75.0	75.0	75.0	75.0	
19.	ANOHR Equation	$10^6 / AKW * [68.22 + 26.89 * MAR + 21.84 * MAY + 29.87 * JUN + 31.73 * JUL + 49.76 * AUG + 33.72 * SEP + 15.55 * OCT] + 9,414$						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

	CRIST 5	Jul '10	Aug '10	Sep '10	Oct '10	Nov '10	Dec '10	Total
1.	EAFF (%)	97.8	99.7	99.0	90.0	99.6	49.4	94.4
2.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3.	SH	744.0	744.0	716.4	606.2	718.0	128.8	8000.4
4.	RSH	0.0	0.0	0.0	87.2	0.0	255.2	342.3
5.	UH	0.0	0.0	3.6	50.7	3.1	360.0	417.3
6.	POH	0.0	0.0	0.0	0.0	0.0	360.0	360.0
7.	FOH	0.0	0.0	3.6	50.7	3.1	0.0	57.3
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.	PFOH	0.0	36.9	1.2	0.0	0.0	0.6	55.6
10.	LR pf (MW)	0.0	5.0	74.0	0.0	0.0	65.0	13.3
11.	PMOH	37.5	0.0	6.3	50.1	0.0	240.0	344.5
12.	LR pm (MW)	32.8	0.0	30.0	35.0	0.0	5.0	13.6
13.	NSC (MW)	75.0	75.0	75.0	75.0	75.0	75.0	75.0
14.	Oper MBtu	497332	485066	469534	327283	434421	97753	5036382
15.	Net Gen (MWH)	43611	42938	39522	27944	38541	8074	443048
16.	ANOHR (Btu/K	11404	11297	11880	11712	11272	12107	11368
17.	NOF %	78.2	76.9	73.6	61.5	71.6	83.6	73.8
18.	NPC (MW)	75.0	75.0	75.0	75.0	75.0	75.0	75.0
19.	ANOHR Equation	$10/6 / AKW * [68.22 + 26.89 * MAR + 21.84 * MAY + 29.87 * JUN + 31.73 * JUL + 49.76 * AUG + 33.72 * SEP + 15.55 * OCT] + 9,414$						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

CRIST 6	Jan '10	Feb '10	Mar '10	Apr '10	May '10	Jun '10	
1. EAF (%)	100.0	95.0	100.0	100.0	95.2	79.4	
2. PH	744.0	672.0	743.0	720.0	744.0	720.0	
3. SH	744.0	566.3	214.1	284.5	708.2	574.8	
4. RSH	0.0	73.7	528.9	435.5	0.0	0.0	
5. UH	0.0	32.0	0.0	0.0	35.8	145.2	
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	
7. FOH	0.0	0.0	0.0	0.0	35.8	95.0	
8. MOH	0.0	32.0	0.0	0.0	0.0	50.2	
9. PFOH	0.0	1.9	0.0	0.0	0.0	3.5	
10. LR pf (MW)	0.0	266.0	0.0	0.0	0.0	51.0	
11. PMOH	0.0	0.0	0.0	0.0	0.0	3.3	
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	191.0	
13. NSC (MW)	291.0	291.0	291.0	291.0	291.0	291.0	
14. Oper MBtu	1666272	1212518	440197	493158	1560739	1436507	
15. Net Gen (MWH)	152252	106646	39225	43023	135083	127217	
16. ANOHR (Btu/K)	10944	11370	11222	11463	11554	11292	
17. NOF %	70.3	64.7	63.0	52.0	65.5	76.1	
18. NPC (MW)	291.0	291.0	291.0	291.0	291.0	291.0	
19. ANOHR Equation	10*6 / AKW * [296.07 - 47.17 * FEB - 87.78 * NOV] +9,538						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

	CRIST 6	Jul '10	Aug '10	Sep '10	Oct '10	Nov '10	Dec '10	Total
1.	EAF (%)	96.2	98.3	84.8	96.1	99.8	95.0	95.0
2.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3.	SH	716.1	743.2	574.4	107.4	54.6	605.2	5892.9
4.	RSH	0.0	0.0	44.6	607.4	666.4	102.0	2458.4
5.	UH	27.9	0.8	101.0	29.2	0.0	36.8	408.7
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.	FOH	14.4	0.8	29.5	5.2	0.0	36.8	217.5
8.	MOH	13.5	0.0	71.5	24.0	0.0	0.0	191.2
9.	PFOH	20.4	291.8	241.3	0.0	1.4	0.6	561.0
10.	LR pf (MW)	10.0	10.0	10.0	0.0	261.0	271.0	12.0
11.	PMOH	0.0	163.0	0.0	0.0	0.0	0.0	166.3
12.	LR pm (MW)	0.0	2.8	0.0	0.0	0.0	0.0	6.6
13.	NSC (MW)	291.0	291.0	291.0	291.0	291.0	291.0	291.0
14.	Oper MBtu	1892343	1778059	1379743	168584	83520	1542657	13654297
15.	Net Gen (MWH)	161308	157947	119478	12962	6934	138087	1200162
16.	ANOHR (Btu/K)	11731	11257	11548	13006	12045	11172	11377
17.	NOF %	77.4	73.0	71.5	41.5	43.6	78.4	70.0
18.	NPC (MW)	291.0	291.0	291.0	291.0	291.0	291.0	291.0
19.	ANOHR Equation	10*6 / AKW * [296.07 - 47.17 * FEB - 87.78 * NOV] + 9,538						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

	CRIST 7	Jan '10	Feb '10	Mar '10	Apr '10	May '10	Jun '10	
1.	EAF (%)	83.8	100.0	98.9	83.1	95.3	99.3	
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
3.	SH	708.7	672.0	743.0	621.7	744.0	720.0	
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	
5.	UH	35.3	0.0	0.0	98.3	0.0	0.0	
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	
7.	FOH	35.3	0.0	0.0	0.0	0.0	0.0	
8.	MOH	0.0	0.0	0.0	98.3	0.0	0.0	
9.	PFOH	165.6	0.0	16.9	65.4	73.7	11.4	
10.	LR pf (MW)	238.4	0.0	183.6	168.0	191.9	205.0	
11.	PMOH	0.0	0.0	2.6	0.0	10.1	0.0	
12.	LR pm (MW)	0.0	0.0	215.0	0.0	205.0	0.0	
13.	NSC (MW)	465.0	465.0	465.0	465.0	465.0	465.0	
14.	Oper MBtu	2677872	2494523	2380779	1993199	2738536	2749348	
15.	Net Gen (MWH)	250317	242776	224450	188323	258087	276886	
16.	ANOHR (Btu/K)	10698	10275	10607	10584	10611	9930	
17.	NOF %	76.0	77.7	65.0	65.1	74.6	82.7	
18.	NPC (MW)	465.0	465.0	465.0	465.0	465.0	465.0	
19.	ANOHR Equation	$10^6 / AKW * [173.73 + 162.82 * MAR + 163.38 * APR + 110.30 * MAY + 180.34 * JUN + 70.53 * JUL + 158.99 * AUG + 84.09 * SEP] + 10,050$						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

CRIST 7	Jul '10	Aug '10	Sep '10	Oct '10	Nov '10	Dec '10	Total
1. EAF (%)	82.5	93.0	95.4	100.0	100.0	98.9	94.1
2. PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3. SH	720.4	735.8	716.9	744.0	721.0	744.0	8591.4
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	23.6	8.3	3.1	0.0	0.0	0.0	168.6
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7. FOH	23.6	8.3	3.1	0.0	0.0	0.0	70.3
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	98.3
9. PFOH	411.8	237.8	153.3	0.0	0.0	0.0	1135.9
10. LR pf (MW)	120.0	83.2	89.9	0.0	0.0	0.0	134.7
11. PMOH	0.0	3.5	0.0	0.0	0.0	376.8	393.0
12. LR pm (MW)	0.0	217.0	0.0	0.0	0.0	10.0	18.2
13. NSC (MW)	465.0	465.0	465.0	465.0	465.0	465.0	465.0
14. Oper MBtu	2664486	2876653	2903268	2314318	2504014	3232661	31529657
15. Net Gen (MWH)	248772	272702	264135	215650	234525	308398	2985021
16. ANOHR (Btu/K)	10711	10549	10992	10732	10677	10482	10563
17. NOF %	74.3	79.7	79.2	62.3	70.0	89.1	74.7
18. NPC (MW)	465.0	465.0	465.0	465.0	465.0	465.0	465.0
19. ANOHR Equation	$10^6 / AKW * [173.73 + 162.82 * MAR + 163.38 * APR + 110.30 * MAY + 180.34 * JUN + 70.53 * JUL + 158.99 * AUG + 84.09 * SEP] + 10,050$						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

SMITH 1	Jan '10	Feb '10	Mar '10	Apr '10	May '10	Jun '10	
1. EAF (%)	97.9	99.7	99.9	59.3	100.0	99.6	
2. PH	744.0	672.0	743.0	720.0	744.0	720.0	
3. SH	744.0	672.0	743.0	426.9	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	293.1	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	18.6	0.0	0.0	
8. MOH	0.0	0.0	0.0	274.5	0.0	0.0	
9. PFOH	28.6	18.2	0.6	0.0	0.3	0.6	
10. LR pf (MW)	87.3	16.0	163.0	0.0	161.9	28.0	
11. PMOH	0.0	0.0	0.0	0.0	0.0	14.8	
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	28.0	
13. NSC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	
14. Oper MBtu	996634	874274	785457	420580	648766	886111	
15. Net Gen (MWH)	94090	82163	73148	38998	58561	82454	
16. ANOHR (Btu/K)	10592	10641	10738	10785	11078	10747	
17. NOF %	78.1	75.5	60.8	56.4	48.6	70.7	
18. NPC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	
19. ANOHR Equation	$10^6 / AKW * [687.91 - 14.60 * MAY + 14.79 * JUL - 15.35 * SEP - 8.29 * OCT]$ $+ 84 + 0.03669 * LSRF / AKW$						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

	SMITH 1	Jul '10	Aug '10	Sep '10	Oct '10	Nov '10	Dec '10	Total
1.	EAF (%)	99.4	95.4	99.4	99.8	86.3	100.0	94.8
2.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3.	SH	741.1	715.3	720.0	744.0	663.6	744.0	8377.9
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.	UH	2.9	28.7	0.0	0.0	57.4	0.0	382.1
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.	FOH	2.9	28.7	0.0	0.0	57.4	0.0	107.6
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	274.5
9.	PFOH	0.8	18.6	2.3	2.1	13.7	0.0	85.6
10.	LR pf (MW)	61.7	39.4	32.0	92.0	87.0	0.0	60.5
11.	PMOH	4.1	3.3	10.8	0.0	173.0	0.0	205.9
12.	LR pm (MW)	44.1	32.0	59.7	0.0	32.0	0.0	33.4
13.	NSC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0
14.	Oper MBtu	984944	943718	889625	639699	795294	1113226	9978328
15.	Net Gen (MWH)	92958	89807	84795	58185	75125	107353	937637
16.	ANOHR (Btu/K)	10596	10508	10491	10994	10586	10370	10642
17.	NOF %	77.4	77.5	72.7	48.3	69.9	89.1	69.1
18.	NPC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0
19.	ANOHR Equation	$10^6 / AKW * [687.91 - 14.60 * MAY + 14.79 * JUL - 15.35 * SEP - 8.29 * OCT]$ $+ 84 + 0.03669 * LSRF / AKW$						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

	SMITH 2	Jan '10	Feb '10	Mar '10	Apr '10	May '10	Jun '10	
1.	EAF (%)	100.0	99.7	93.5	77.4	100.0	99.7	
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
3.	SH	744.0	672.0	455.2	419.0	744.0	720.0	
4.	RSH	0.0	0.0	239.8	138.2	0.0	0.0	
5.	UH	0.0	0.0	48.0	162.8	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	48.0	162.8	0.0	0.0	
9.	PFOH	0.0	12.7	53.3	0.6	0.0	0.0	
10.	LR pf (MW)	0.0	23.5	0.0	35.0	0.0	0.0	
11.	PMOH	0.0	3.0	0.0	0.0	0.0	2.9	
12.	LR pm (MW)	0.0	30.0	0.0	0.0	0.0	125.0	
13.	NSC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	
14.	Oper MBtu	1144923	963384	589034	395158	1162276	1117457	
15.	Net Gen (MWE)	107900	93041	55953	36176	110547	105168	
16.	ANOHR (Btu/K)	10611	10354	10527	10923	10514	10625	
17.	NOF %	74.4	71.0	63.0	44.3	76.2	74.9	
18.	NPC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	
19.	ANOHR Equation	$10^6 / AKW * [104.09 + 19.47 * JAN + 30.73 * JUN + 21.41 * JUL + 14.11 * AUG]$ $+ 9.055 + 0.00351 * LSRF / AKW$						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

	SMITH 2	Jul '10	Aug '10	Sep '10	Oct '10	Nov '10	Dec '10	Total
1.	EAF (%)	99.9	99.5	86.1	3.2	90.5	75.7	85.3
2.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3.	SH	744.0	744.0	603.7	0.0	386.2	182.8	6414.9
4.	RSH	0.0	0.0	20.3	24.0	286.8	380.4	1089.6
5.	UH	0.0	0.0	96.0	720.0	48.0	180.8	1255.6
6.	POH	0.0	0.0	96.0	720.0	0.0	0.0	816.0
7.	FOH	0.0	0.0	0.0	0.0	0.0	34.6	34.6
8.	MOH	0.0	0.0	0.0	0.0	48.0	146.1	404.9
9.	PFOH	0.3	2.5	6.1	0.0	34.1	0.0	109.5
10.	LR pf (MW)	190.0	120.0	43.0	0.0	119.3	0.0	45.7
11.	PMOH	2.0	3.6	4.7	0.0	0.0	0.0	16.2
12.	LR pm (MW)	65.7	115.0	127.0	0.0	0.0	0.0	98.5
13.	NSC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	195.0
14.	Oper MBtu	1133898	1138429	913111	0	554511	246567	9358748
15.	Net Gen (MWH)	106566	107391	85952	0	52221	23039	883954
16.	ANOHR (Btu/k	10640	10601	10623	0	10619	10702	10587
17.	NOF %	73.5	74.0	73.0	0.0	69.3	64.6	70.7
18.	NPC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	195.0
19.	ANOHR Equation	$10^6 / AKW * [104.09 + 19.47 * JAN + 30.73 * JUN + 21.41 * JUL + 14.11 * AUG]$ $+ 9,055 + 0.00351 * LSRF / AKW$						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

	DANIEL 1	Jan '10	Feb '10	Mar '10	Apr '10	May '10	Jun '10	
1.	EAF (%)	95.7	74.7	0.0	27.2	99.2	99.9	
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
3.	SH	720.1	452.8	0.0	142.7	744.0	720.0	
4.	RSH	0.0	51.2	0.0	55.6	0.0	0.0	
5.	UH	23.9	168.0	743.0	521.7	0.0	0.0	
6.	POH	0.0	168.0	743.0	402.7	0.0	0.0	
7.	FOH	0.0	0.0	0.0	119.0	0.0	0.0	
8.	MOH	23.9	0.0	0.0	0.0	0.0	0.0	
9.	PFOH	27.8	8.3	0.0	0.0	0.0	11.6	
10.	LR pf (MW)	134.6	57.6	0.0	0.0	0.0	24.7	
11.	PMOH	2.0	6.0	0.0	10.9	10.7	0.0	
12.	LR pm (MW)	155.0	102.0	0.0	130.0	289.1	0.0	
13.	NSC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	
14.	Oper MBtu	2730266	1108131	0	473304	2576159	2777111	
15.	Net Gen (MWH)	256697	100628	0	41348	259223	273640	
16.	ANOHR (Btu/K)	10636	11012	0	11447	9938	10149	
17.	NOF %	69.9	43.6	0.0	56.8	68.3	74.5	
18.	NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	
19.	ANOHR Equation	$10^6 / AKW * [1634.36 + 42.82 * JAN + 46.68 * MAY]$ $+ 2,345 + 0.00898 * LSRF / AKW$						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

DANIEL 1	Jul '10	Aug '10	Sep '10	Oct '10	Nov '10	Dec '10	Total
1. EAF (%)	99.1	100.0	99.7	89.2	99.9	78.9	80.3
2. PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3. SH	741.5	744.0	720.0	646.8	721.0	594.4	6947.3
4. RSH	0.0	0.0	0.0	20.4	0.0	0.0	127.2
5. UH	2.5	0.0	0.0	76.8	0.0	149.6	1685.5
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	1313.7
7. FOH	2.5	0.0	0.0	22.4	0.0	149.6	293.5
8. MOH	0.0	0.0	0.0	54.4	0.0	0.0	78.3
9. PFOH	1.8	0.0	26.0	32.3	6.0	27.7	141.4
10. LR pf (MW)	56.3	0.0	48.2	61.9	42.0	107.8	78.4
11. PMOH	9.2	0.0	0.0	0.0	0.0	2.6	41.3
12. LR pm (MW)	219.6	0.0	0.0	0.0	0.0	240.0	195.1
13. NSC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0
14. Oper MBtu	2868163	2916813	2740288	2437100	2801383	2251184	25679903
15. Net Gen (MWH)	283441	286756	278462	237222	278876	226058	2522351
16. ANOHR (Btu/K)	10119	10172	9841	10273	10045	9958	10181
17. NOF %	75.0	75.6	75.8	71.9	75.8	74.6	71.2
18. NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0
19. ANOHR Equation	$10^6 / AKW * [1634.36 + 42.82 * JAN + 46.68 * MAY]$ $+ 2,345 + 0.00898 * LSRF / AKW$						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

	DANIEL 2	Jan '10	Feb '10	Mar '10	Apr '10	May '10	Jun '10	
1.	EAF (%)	99.6	91.8	53.7	93.4	97.3	92.0	
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
3.	SH	744.0	622.4	399.2	646.0	687.8	668.9	
4.	RSH	0.0	0.0	0.0	29.4	56.2	0.0	
5.	UH	0.0	49.6	343.8	44.6	0.0	51.1	
6.	POH	0.0	49.6	343.8	0.0	0.0	0.0	
7.	FOH	0.0	0.0	0.0	0.0	0.0	3.8	
8.	MOH	0.0	0.0	0.0	44.6	0.0	47.3	
9.	PFOH	22.3	20.9	3.8	8.8	91.4	17.0	
10.	LR pf (MW)	62.0	128.3	50.0	48.9	104.6	88.8	
11.	PMOH	0.0	0.0	0.0	2.9	1.2	6.0	
12.	LR pm (MW)	0.0	0.0	0.0	350.0	507.6	330.0	
13.	NSC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	
14.	Oper MBtu	2755224	1505154	952300	1485750	2600984	2582790	
15.	Net Gen (MWH)	267470	140250	84433	133749	249973	252166	
16.	ANOHR (Btu/K	10301	10732	11279	11108	10405	10242	
17.	NOF %	70.5	44.2	41.5	40.6	71.3	73.9	
18.	NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	
19.	ANOHR Equation	$10^6 / AKW * [1662.56 - 88.78 * JAN - 74.02 * FEB - 93.64 * MAR + 51.38 * AUG + 58.75 * SEP]$ $+ 2,870 + 0.00738 * LSRF / AKW$						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2010 - December 2010

	DANIEL 2	Jul '10	Aug '10	Sep '10	Oct '10	Nov '10	Dec '10	Total
1.	EAF (%)	100.0	99.4	99.5	99.8	99.9	98.0	93.7
2.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3.	SH	744.0	741.3	720.0	744.0	721.0	732.3	8170.9
4.	RSH	0.0	0.0	0.0	0.0	0.0	11.7	97.3
5.	UH	0.0	2.7	0.0	0.0	0.0	0.0	491.8
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	393.4
7.	FOH	0.0	2.7	0.0	0.0	0.0	0.0	6.5
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	91.9
9.	PFOH	0.7	11.6	17.6	10.1	1.3	76.3	281.6
10.	LR pf (MW)	109.6	78.8	107.7	83.0	170.5	98.8	96.7
11.	PMOH	0.0	0.0	3.0	1.0	0.0	0.0	14.1
12.	LR pm (MW)	0.0	0.0	15.0	85.0	0.0	0.0	265.0
13.	NSC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0
14.	Oper MBtu	2887221	2836003	2798571	2857285	1670607	2170793	27102682
15.	Net Gen (MWH)	280428	273575	273050	279698	152212	208060	2595064
16.	ANOHR (Btu/K)	10296	10366	10249	10216	10976	10433	10444
17.	NOF %	73.9	72.4	74.4	73.7	41.4	55.7	62.3
18.	NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0
19.	ANOHR Equation	$10^6 / \text{AKW} * [1662.56 - 88.78 * \text{JAN} - 74.02 * \text{FEB} - 93.64 * \text{MAR} + 51.38 * \text{AUG} + 58.75 * \text{SEP}]$ $+ 2,870 + 0.00738 * \text{LSRF} / \text{AKW}$						

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Planned Outage Schedules (Actual)

Period of: January 2010 - December 2010

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.