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March 31, 2010

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

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COMMISSION
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Dear Ms. Cole:

Enclosed for official filing in Docket No. 100001-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 2009 –
December 2009.

Sincerely,

Susan D. Ritenour (lw)

lw

Enclosures

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

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APA 1
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RAD 1
SSC
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CLK 1

DOCUMENT NUMBER-DATE

02373 APR -1 0

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.: 100001-EI

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing was furnished by U. S. mail this 31st day of March, 2010, on the following:

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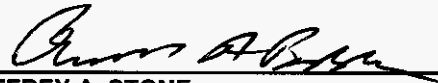
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GULF POWER COMPANY
TESTIMONY AND EXHIBITS OF
M. A. YOUNG, III

GENERATING PERFORMANCE INCENTIVE FACTOR

RESULTS FOR

JANUARY 2009 - DECEMBER 2009

Before

THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 100001-EI



DOCUMENT NUMBER-DATE
02373 APR-1 2009
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. 100001-EI**

6 **Date of Filing: April 1, 2010**

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

DOCUMENT NUMBER-DATE

02373 APR-1 0

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, 2009, through December 31, 2009.
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. Yes. The target heat rate equation for Plant Daniel Unit 2 did include the BTU/LB
5 independent variable originally approved in FPSC Order No. PSC-99-2512-FOF-
6 EI. The BTU/LB variable has been incorporated in previous filings to account for
7 the change in fuel mix at Plant Daniel, which was previously noted in the GPIF
8 Target Filing for 2006 that was submitted to the FPSC on September 16, 2005, as
9 well as the GPIF Results Filing for 2005 that was submitted to the FPSC on April
10 3, 2006. The use of this BTU/LB variable was evaluated for the change in fuel mix
11 at Plant Daniel, the variable was statistically significant and therefore included in
12 the target heat rate equation for Daniel 2 only.

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, -1.76 points;
23 Crist 6, +10.00 points; Crist 7, +0.74 points; Smith 1, -10.00 points;
24 Smith 2, +3.33 points; Daniel 1, +6.00 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 basis. These equations, submitted in September 2008, 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 +3.86 for Crist 4, 0.00 for Crist 5, 0.00 for Crist 6, -1.88 for Crist 7,
11 -2.26 for Smith 1, +1.02 for Smith 2, +1.97 for Daniel 1, and +1.72 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 0.22 as indicated on page 2 of Schedule 4. This calculated to a
18 reward in the amount of \$82,250.

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 \$88,250 as provided for by the
25 GPIF plan.

1 Q. Does this conclude your testimony?

2 A. Yes.

3

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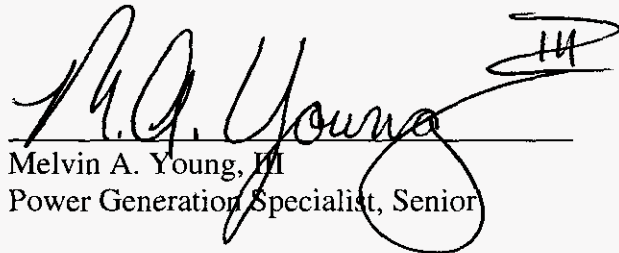
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STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

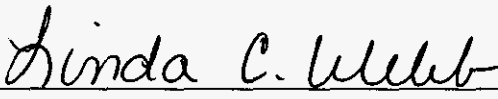
Docket No. 100001-EI

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

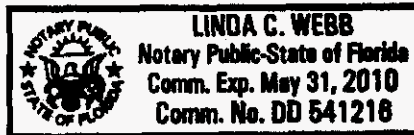
Sworn to and subscribed before me this 25th day of March, 2010.



Notary Public, State of Florida at Large

Commission Number:

Commission Expires:



Florida Public Service Commission
Docket No. 100001-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 100001-EI

I. CORRECTIONS TO REPORTED DATA FOR THE JANUARY 2009 - DECEMBER 2009 PERIOD

Additions and Corrections to Outages Previously Reported
for the January 2009 - December 2009 Period

<u>Date</u>	<u>Unit</u>	<u>Change</u>	<u>Outage Type</u>	<u>Hours</u>	<u>MW</u>	<u>Description</u>
Feb. Filing	Daniel 1	NMC to 510	NA			NMC changed for Jan. and Feb.
Feb. Filing	Daniel 2	NMC to 510	NA			NMC changed for Jan. and Feb.
March 01, 2009	Daniel 1	Time and derate	D1	50.6	495.0	Actual time period corrected Derate was reduced
May Filing	Crist 4	RSH added	RS	720.0		Reserve Shutdown hours left off April Monthly Filing
Feb. 07, 2009	Crist 6	Event type	D1	58.4	same	D1 changed to PD
March 13, 2009	Smith 1	Event type	MO	120.0		MO hours changed to PO
April 01, 2009	Daniel 1	Time and derate	PD	689.8	45.5	Hours and derate changed
April 01, 2009	Daniel 2	Time and derate	PD	703.4	42.8	Hours and derate changed
May 01, 2009	Daniel 1	Added event	PD	744.0	10.0	PD added to May
May 01, 2009	Daniel 2	Added event	PD	23.5	57.0	PD added to May
July 01, 2009	Daniel 1	Derate	PD		17.0	Derate changed from 30 to 17
July 01, 2009	Daniel 2	Derate	PD	700.3	33.8	Derate changed from 12 to 33.8 Hours changed from 744 to 700.32

II. CALCULATIONS OF EQUIVALENT AVAILABILITY POINTS

Comparison of Forecast and Actual Planned Outages
for January 2009 - December 2009

<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	-	0.0	12/02/09 - 12/07/09	106.2
Crist 5	2	-	0.0	11/25/09 - 12/20/09	608.0
Crist 6	3	11/29/08 - 02/08/09	936.0	12/13/08 - 02/07/09	900.6
	4	-	0.0	10/03/09 - 10/22/09	468.9
	5	-	0.0	11/20/09 - 11/24/09	79.5
Crist 7	6	03/07/09 - 03/29/09	552.0	01/31/09 - 03/13/09	992.0
	7	-	0.0	03/13/09 - 03/14/09	19.5
	8	10/10/09 - 12/06/09	1367.0	10/01/09 - 12/05/09	1552.8
Smith 1	9	01/17/09 - 02/08/09	552.0	04/13/09 - 05/09/09	643.8
Smith 2	10	-		04/25/09 - 05/05/09	238.3
Daniel 1	11	09/28/09 - 11/22/09	1343.0	-	0.0
Daniel 2	12	10/26/09 - 11/15/09	503.0	-	0.0

* Planned outage hours in the January 2009 - December 2009 period only.

- Notes:
1. The outage was added subsequent to the target filing.
 2. The outage was added subsequent to the target filing.
 3. The outage date was changed subsequent to the target filing.
 4. The outage was added subsequent to the target filing.
 5. The outage was added subsequent to the target filing.
 6. The outage date was changed subsequent to the target filing.
 7. The outage was added 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 was added subsequent to the target filing.
 11. The outage was cancelled subsequent to the target filing.
 12. The outage was cancelled subsequent to the target filing.

Calculation of Actual Equivalent Availability
for January 2009 - December 2009
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	9.4	0.0	
	0.0	0.0	1.1	0.0	1.7	1.2	13.4
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	2.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	2.0
EMOH	0.0	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PH	744.0	672.0	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	0.0	0.0	0.0	0.0	0.0	
	0.0	0.0	0.0	0.0	0.0	106.2	106.2
RSH	126.7	98.0	640.2	720.0	450.1	720.0	
	639.2	744.0	547.3	198.2	57.1	0.0	4940.8

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(13.4 + 0.0 + 2.0 + 0.0)}{(8760.0 - 106.2 - 4940.8)}$$

$$\text{EUOR} = 0.0041$$

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

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

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

$$\text{EA} = \left[1 - \frac{(0.0 + 0.0041 (8760.0 - 0.0 - 0.0))}{8760.0} \right] \times 100 = 99.6 \%$$

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

Calculation of Actual Equivalent Availability
for January 2009 - December 2009
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	4.6 0.0	4.5 0.0	0.0 0.0	7.2 0.0	16.3
EFOH	0.4 0.0	13.2 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	13.6
MOH	46.8 0.0	0.0 0.0	0.0 22.0	80.5 0.0	32.2 60.0	0.0 0.0	241.5
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	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	0.0 128.8	0.0 479.2	608.0
RSH	354.4 0.0	0.0 0.0	0.0 138.2	152.3 0.0	306.1 229.2	0.0 0.0	1180.2

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(16.3 + 13.6 + 241.5 + 0.0)}{(8760.0 - 608.0 - 1180.2)}$$

$$\text{EUOR} = 0.0389$$

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

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

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

$$\text{EA} = \left[1 - \frac{(0.0 + 0.0389 (8760.0 - 0.0 - 0.0))}{8760.0} \right] \times 100 = 96.1 \%$$

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

Calculation of Actual Equivalent Availability
for January 2009 - December 2009
Based on Target Planned Outage Hours
Crist 6

Results of Operations

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
FOH	0.0 0.0	77.3 0.0	0.0 0.0	0.0 0.0	1.9 0.0	5.8 4.7	89.7
EFOH	0.0 0.0	0.0 0.0	0.0 0.0	4.0 0.0	0.3 0.6	0.0 0.0	4.9
MOH	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	6.0 0.0	6.0
EMOH	0.0 0.0	42.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	42.0
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	744.0 0.0	156.6 0.0	0.0 0.0	0.0 468.9	0.0 79.5	0.0 0.0	1449.0
RSH	0.0 215.6	0.0 173.5	253.0 720.0	42.1 48.0	28.0 0.0	502.4 0.0	1982.6

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(89.7 + 4.9 + 6.0 + 42.0)}{(8760.0 - 1449.0 - 1982.6)}$$

$$\text{EUOR} = 0.0268$$

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

$$\text{Target POH}^* = 936.0$$

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

$$\text{EA} = \left[1 - \frac{(936.0 + 0.0268 (8760.0 - 936.0 - 0.0))}{8760.0} \right] \times 100 = 86.9 \%$$

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

Calculation of Actual Equivalent Availability
for January 2009 - December 2009
Based on Target Planned Outage Hours
Crist 7

Results of Operations

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
FOH	0.0 135.3	0.0 33.9	2.8 0.0	0.0 0.0	0.0 0.0	0.0 11.7	183.7
EFOH	3.7 0.4	0.0 4.6	54.3 0.0	27.5 0.0	25.5 0.0	1.0 26.0	143.0
MOH	0.0 0.0	0.0 0.0	23.7 0.0	111.2 0.0	7.2 0.0	0.0 144.8	286.9
EMOH	1.5 0.0	0.0 0.0	0.0 0.0	0.0 0.0	7.1 0.0	40.3 0.0	48.9
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	24.0 0.0	672.0 0.0	315.5 0.0	0.0 727.2	0.0 721.0	0.0 104.6	2564.3
RSH	117.9 0.0	0.0 0.0	0.0 0.0	262.6 0.0	0.0 0.0	0.0 0.0	380.5

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(183.7 + 143.0 + 286.9 + 48.9)}{(8760.0 - 2564.3 - 380.5)}$$

$$\text{EUOR} = 0.1139$$

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

$$\text{Target POH}^* = 1944.0$$

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

$$\text{EA} = \left[1 - \frac{(1944.0 + 0.1139 (8760.0 - 1944.0 - 0.0))}{8760.0} \right] \times 100 = 68.9 \%$$

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

Calculation of Actual Equivalent Availability
for January 2009 - December 2009
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	42.4 0.0	24.5 100.1	167.0
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 80.5	0.0 101.5	0.0 0.0	182.0
EMOH	0.0 0.0	0.0 0.0	0.0 4.4	0.0 0.0	17.8 0.0	0.0 0.2	22.4
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	432.0 0.0	211.8 0.0	0.0 0.0	643.8
RSH	0.0 0.0	529.2 0.0	476.8 0.0	288.0 590.6	0.0 619.5	258.1 288.4	3050.6

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(167.0 + 0.0 + 182.0 + 22.4)}{(8760.0 - 643.8 - 3050.6)}$$

$$\text{EUOR} = 0.0733$$

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

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

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

$$\text{EA} = \left[1 - \frac{(552.0 + 0.0733 (8760.0 - 552.0 - 0.0))}{8760.0} \right] \times 100 = 86.8 \%$$

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

Calculation of Actual Equivalent Availability
for January 2009 - December 2009
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	1.4	0.0	0.0	0.4	1.8
EFOH	4.9	6.5	0.0	0.0	0.2	0.2	
	5.4	0.0	0.1	0.0	0.1	0.0	17.4
MOH	0.0	0.0	0.0	0.0	18.7	0.0	
	61.9	17.5	109.0	0.0	0.0	42.0	249.1
EMOH	0.0	0.0	0.0	0.0	0.0	3.2	
	0.0	0.0	1.8	0.0	0.0	0.0	5.0
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	0.0	0.0	142.3	96.0	0.0	
	0.0	0.0	0.0	0.0	0.0	0.0	238.3
RSH	193.5	70.4	0.0	0.0	0.0	0.0	
	0.0	133.5	442.6	0.0	0.0	295.8	1135.8

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(1.8 + 17.4 + 249.1 + 5.0)}{(8760.0 - 238.3 - 1135.8)}$$

$$\text{EUOR} = 0.0370$$

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

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

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

$$\text{EA} = \left[1 - \frac{(0.0 + 0.0370 (8760.0 - 0.0 - 0.0))}{8760.0} \right] \times 100 = 96.3 \%$$

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

Calculation of Actual Equivalent Availability
for January 2009 - December 2009
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 0.0	2.7 0.0	0.0 0.0	0.0 0.0	0.0 0.0	2.5 0.0	5.2
EFOH	0.6 3.7	0.0 0.3	1.0 0.2	2.0 0.2	0.7 0.5	0.2 0.7	10.1
MOH	0.0 0.0	0.0 0.0	0.0 0.0	0.0 23.7	0.0 6.4	0.0 0.0	30.1
EMOH	0.0 24.8	0.0 37.9	0.0 12.7	61.5 0.0	14.6 0.0	42.2 0.0	193.7
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	202.1 0.0	425.2 0.0	607.1 0.0	37.0 0.0	0.0 0.0	0.0 412.7	1684.1

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(5.2 + 10.1 + 30.1 + 193.7)}{(8760.0 - 0.0 - 1684.1)}$$

$$\text{EUOR} = 0.0338$$

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

$$\text{Target POH}^* = 1344.0$$

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

$$\text{EA} = \left[1 - \frac{(1344.0 + 0.0338 (8760.0 - 1344.0 - 0.0))}{8760.0} \right] \times 100 = 81.8 \%$$

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

Calculation of Actual Equivalent Availability
for January 2009 - December 2009
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	5.3 0.0	0.0 0.0	2.2 0.0	0.0 130.4	0.0 0.0	137.9
EFOH	4.5 0.6	1.7 2.6	0.2 0.5	0.9 0.3	0.0 2.3	0.8 2.2	16.6
MOH	0.0 43.7	0.0 0.0	0.0 0.0	0.0 0.0	668.9 0.7	0.0 0.0	713.3
EMOH	0.0 46.4	0.0 31.2	0.0 30.6	59.0 0.0	2.6 0.0	16.9 0.0	186.7
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	192.2 0.0	279.3 0.0	602.3 0.0	28.9 0.0	0.0 0.0	0.0 0.0	1102.7

$$1. \text{ EUOR} = \frac{(\text{FOH} + \text{EFOH} + \text{MOH} + \text{EMOH})}{(\text{PH} - \text{POH} - \text{RSH})} = \frac{(137.9 + 16.6 + 713.3 + 186.7)}{(8760.0 - 0.0 - 1102.7)}$$

$$\text{EUOR} = 0.1377$$

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

$$\text{Target POH}^* = 504.0$$

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

$$\text{EA} = \left[1 - \frac{(504.0 + 0.1377 (8760.0 - 504.0 - 0.0))}{8760.0} \right] \times 100 = 81.3 \%$$

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

Calculation of Equivalent Availability Points
for January 2009 - December 2009

(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	98.0	99.6	98.6	10.00
Crist 5	96.4	96.1	94.7	-1.76
Crist 6	81.8	86.9	84.0	10.00
Crist 7	68.7	68.9	71.4	0.74
Smith 1	89.7	86.8	87.9	-10.00
Smith 2	95.9	96.3	97.1	3.33
Daniel 1	81.2	81.8	82.2	6.00
Daniel 2	89.7	81.3	87.6	-10.00

* As appropriate from page 5, Schedule 3 of Exhibit to L. S. Noack's September 02, 2008 GPIF Testimony in Docket 080001-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 2009 - December 2009

Crist 4

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	32916.9 5346.4	29963.1 0.0	5714.0 9797.6	0.0 32036.4	14625.6 33184.6	0.0 34397.7	197982.3
BTU/Lb*	11227.2 11561.8	11470.4 0.0	11364.4 11784.9	0.0 11766.1	11677.3 11668.5	0.0 11316.2	11514.5
Coal, MMBTU	369564.6 61814.0	343688.7 0.0	64936.2 115463.7	0.0 376943.5	170787.5 387214.5	0.0 389251.3	2279664.0
Oil, MMBTU	283.2 151.6	288.0 0.0	71.4 218.9	0.0 926.9	617.9 2169.5	0.0 2359.3	7086.7
Gas, MMBTU	2073.0 3058.0	0.0 0.0	0.0 3165.0	0.0 25539.0	4284.0 26943.0	0.0 54665.0	119727.0
Startup, MMBTU **	-400.0 -400.0	0.0 0.0	-400.0 -400.0	0.0 0.0	-400.0 -400.0	0.0 -400.0	-2800.0
Total Fuel Consumption, MMBTU	371520.8 64623.6	343976.7 0.0	64607.6 118447.6	0.0 403409.4	175289.4 415927.0	0.0 445875.6	2403677.7
Net MWH Generation***	35112 6514	32516 0	5793 9766	0 37149	16701 37735	0 40956	222242
Average Net Operating Heat Rate	10581 9921	10579 ---	11153 12129	--- 10859	10496 11022	--- 10887	10816

* 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 2009 - December 2009

Crist 5

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	16384.2 42850.5	35375.4 34599.0	42231.5 26708.6	24705.5 40607.4	22830.3 14398.1	36933.4 12327.3	349951.2
BTU/Lb*	11461.4 11635.6	11424.0 11530.8	11440.5 11738.4	11250.1 11710.4	11650.8 11636.4	11744.3 11195.3	11558.4
Coal, MMBTU	187785.9 498591.3	404128.6 398954.1	483149.5 313516.2	277939.3 475528.9	265991.3 167542.1	433756.9 138007.8	4044891.9
Oil, MMBTU	255.1 280.1	187.5 1423.2	460.0 1846.1	676.4 1363.3	236.4 524.7	444.4 1608.2	9305.4
Gas, MMBTU	1117.0 1824.0	0.0 39814.0	11419.0 28690.0	24445.0 37504.0	1998.0 7802.0	7910.0 38995.0	201518.0
Startup, MMBTU **	-800.0 0.0	0.0 0.0	0.0 -400.0	-400.0 0.0	-400.0 -400.0	0.0 -400.0	-2800.0
Total Fuel Consumption, MMBTU	188358.0 500695.4	404316.1 440191.3	495028.5 343652.3	302660.7 514396.2	267825.7 175468.8	442111.3 178211.0	4252915.3
Net MWH Generation***	18249 43172	38037 39507	43702 28580	27407 46761	24469 15794	39938 14903	380519
Average Net Operating Heat Rate	10322 11598	10630 11142	11327 12024	11043 11001	10946 11110	11070 11958	11177

* 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 2009 - December 2009

Crist 6

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	0.0 96486.9	61006.5 90713.7	95636.8 0.0	112581.7 37842.9	135087.0 90548.6	37091.4 137316.1	894311.6
BTU/Lb*	0.0 11712.7	11474.1 11461.3	11611.5 0.0	11315.8 11679.0	11657.0 11596.6	11804.5 11448.3	11551.8
Coal, MMBTU	0.0 1130122.1	699994.7 1039696.9	1110486.7 0.0	1273952.0 441967.2	1574709.2 1050055.9	437845.4 1572035.9	10330866.0
Oil, 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
Gas, MMBTU	0.0 4437.0	65675.0 7008.0	13393.0 0.0	48386.0 20339.0	1032.0 36356.0	6600.0 8711.0	211937.0
Startup, MMBTU **	0.0 -4040.0	-8080.0 0.0	-4040.0 0.0	-4040.0 -4040.0	0.0 -4040.0	-4040.0 0.0	-32320.0
Total Fuel Consumption, MMBTU	0.0 1130519.1	757589.7 1046704.9	1119839.7 0.0	1318298.0 458266.2	1575741.2 1082371.9	440405.4 1580746.9	10510483.0
Net MWH Generation***	0 103512	69288 88523	100643 0	115306 38478	141688 93561	40443 146546	937988
Average Net Operating Heat Rate	--- 10922	10934 11824	11127 ---	11433 11910	11121 11569	10890 10787	11205

* 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 2009 - December 2009

Crist 7

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	213023.8 210584.3	0.0 204173.4	124865.1 206301.3	111138.9 5716.0	254928.5 0.0	226012.5 154648.0	1711391.8
BTU/Lb*	11322.5 11669.0	0.0 11505.8	11281.3 11593.3	11523.6 11655.0	11642.7 0.0	11775.2 11371.9	11542.8
Coal, MMBTU	2411962.0 2457308.2	0.0 2349178.3	1408640.7 2391712.9	1280720.2 66620.0	2968056.0 0.0	2661342.4 1758641.6	19754182.3
Oil, MMBTU	508.9 4.2	0.0 647.2	1370.5 272.7	948.1 7.8	215.4 0.0	346.7 433.1	4754.6
Gas, MMBTU	0.0 7959.0	0.0 9576.0	16609.0 322.0	14389.0 0.0	954.0 0.0	324.0 63533.0	113666.0
Startup, MMBTU **	0.0 -2256.0	0.0 0.0	-4512.0 0.0	-4512.0 0.0	-2256.0 0.0	0.0 -6768.0	-20304.0
Total Fuel Consumption, MMBTU	2412470.9 2463015.4	0.0 2359401.5	1422108.2 2392307.6	1291545.3 66627.8	2966969.4 0.0	2662013.1 1815839.7	19852298.9
Net MWH Generation***	224958 227679	0 208560	126488 215259	116302 5187	273797 0	239364 164169	1801763
Average Net Operating Heat Rate	10724 10818	--- 11313	11243 11114	11105 12845	10836 ---	11121 11061	11018

* 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 2009 - December 2009

Smith 1

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	75639.9 78712.2	16453.3 69095.1	29569.0 64468.3	0.0 8656.9	52265.4 0.0	41492.1 34515.7	470867.9
BTU/Lb*	11452.8 11975.8	11385.3 11775.7	11498.5 11788.6	0.0 11811.7	11625.8 0.0	12035.0 11473.3	11712.7
Coal, MMBTU	866288.6 942641.6	187325.8 813643.2	339999.1 759991.0	0.0 102252.7	607627.1 0.0	499357.4 396009.0	5515135.5
Oil, MMBTU	359.7 304.7	324.3 559.3	1929.1 1118.9	0.0 176.0	3036.1 0.0	2003.7 4390.6	14202.4
Gas, MMBTU	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0
Startup, MMBTU **	0.0 0.0	0.0 0.0	-964.0 0.0	0.0 0.0	-1928.0 0.0	-964.0 -1928.0	-5784.0
Total Fuel Consumption, MMBTU	866648.3 942946.3	187650.1 814202.5	340964.2 761109.9	0.0 102428.7	608735.2 0.0	500397.1 398471.6	5523553.9
Net MWH Generation***	83280 87210	18015 74755	32731 69754	0 9679	57594 0	46244 37473	516735
Average Net Operating Heat Rate	10406 10812	10416 10892	10417 10911	--- 10583	10569 ---	10821 10634	10689

* 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 2009 - December 2009

Smith 2

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	72308.4 71286.1	77621.5 63867.4	95761.6 17923.3	73663.2 91246.2	77805.4 74624.0	69411.8 48344.7	833863.6
BTU/Lb*	11433.7 11981.0	11535.7 11705.7	11424.0 11641.1	11532.9 11658.0	11549.4 11900.8	11880.7 11263.6	11627.4
Coal, MMBTU	826752.6 854078.8	895418.3 747612.6	1093980.5 208646.9	849550.3 1063748.2	898605.7 888085.3	824660.8 544535.4	9695675.4
Oil, MMBTU	431.8 1649.8	1808.5 675.2	892.9 1774.2	784.3 422.1	2055.8 553.1	215.4 3694.3	14957.4
Gas, MMBTU	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0
Startup, MMBTU **	0.0 -1190.0	-1190.0 0.0	0.0 -1190.0	0.0 0.0	-1190.0 0.0	0.0 -1190.0	-5950.0
Total Fuel Consumption, MMBTU	827184.4 854538.6	896036.8 748287.8	1094873.4 209231.1	850334.6 1064170.3	899471.5 888638.4	824876.2 547039.7	9704682.8
Net MWH Generation***	78073 81063	87294 71593	106740 20161	82129 104622	88802 88268	77475 51118	937338
Average Net Operating Heat Rate	10595 10542	10265 10452	10257 10378	10354 10172	10129 10067	10647 10702	10353

* 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 2009 - December 2009

Daniel 1

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	158088.0 267486.0	68800.0 279806.0	52292.0 257226.0	268484.0 286456.0	299604.0 288370.0	256122.0 116526.0	2599260.0
BTU/Lb*	9901.1 10443.8	9954.2 10233.1	9971.3 10571.9	9467.9 10204.0	9942.2 10158.1	10410.1 9884.9	10133.2
Coal, MMBTU	1565245.1 2793570.3	684849.0 2863282.8	521419.2 2719367.5	2541979.7 2922997.0	2978722.9 2929291.3	2666255.6 1151847.9	26338828.3
Oil, MMBTU	119.1 822.2	10705.0 53.0	115.1 81.2	5125.0 1484.8	982.5 952.7	1691.5 6008.6	28140.7
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	-4777.4 0.0	0.0 0.0	-2388.7 -2388.7	0.0 0.0	0.0 -2388.7	-11943.5
Total Fuel Consumption, MMBTU	1565364.2 2794392.5	690776.6 2863335.8	521534.3 2719448.7	2544716.0 2922093.1	2979705.4 2930244.0	2667947.1 1155467.8	26355025.5
Net MWH Generation***	136732 266524	60603 278821	50745 272786	240656 289472	278131 278373	250577 106837	2510257
Average Net Operating Heat Rate	11448 10485	11398 10269	10278 9969	10574 10095	10713 10526	10647 10815	10499

* 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 2009 - December 2009

Daniel 2

	Jan / Jul	Feb / Aug	Mar / Sep	Apr / Oct	May / Nov	Jun / Dec	Total
Pounds Coal (000's)	188748.0 259554.0	147344.0 276158.0	52534.0 255252.0	265044.0 296046.0	21400.0 220724.0	264804.0 261458.0	2509066.0
BTU/Lb*	11342.3 10411.9	9911.3 10323.8	9678.3 10338.3	9505.2 10243.0	10764.6 10278.6	10590.3 10283.4	10301.0
Coal, MMBTU	2140836.4 2702450.3	1460370.6 2851000.0	508439.8 2638871.8	2519296.2 3032399.2	230362.4 2268733.7	2804353.8 2688677.2	25845791.4
Oil, MMBTU	763.2 2340.9	10547.1 9.1	292.8 10.7	4793.2 266.2	4209.7 7733.7	19.0 508.9	31494.5
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 -2388.7	-4777.4 0.0	0.0 0.0	-2388.7 0.0	-2388.7 -4777.4	0.0 0.0	-16720.9
Total Fuel Consumption, MMBTU	2141599.6 2702402.5	1466140.3 2851009.1	508732.6 2638882.5	2521700.7 3032665.4	232183.4 2271690.0	2804372.8 2689186.1	25860565.0
Net MWH Generation***	218294 260182	136248 282252	49638 259449	235859 302521	21617 223818	269319 241632	2500829
Average Net Operating Heat Rate	9811 10387	10761 10101	10249 10171	10692 10025	10741 10150	10413 11129	10341

* 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 2009 - December 2009
Adjusted to Target Basis Using Heat Rate
Equations Filed September 02, 2008

Crist 4

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10594 10989	10526 11334	10510 11065	10584 10905	10801 10760	11057 10603	
2. Target Heat Rate at Actual Conditions**	10721 12680	10703 11334	10837 11305	10584 10951	10829 10931	11057 10728	
3. Adjustment to Actual Heat Rate (1-2)	-127 -1691	-177 0	-327 -240	0 -46	-28 -171	0 -125	
4. Actual Heat Rate (Page 2 of Sched. 3)	10581 9921	10579 0	11153 12129	0 10859	10496 11022	0 10887	
5. Adjusted Actual Heat Rate (4+3)	10454 8230	10402 0	10826 11889	0 10813	10468 10851	0 10762	
6. Net MWH Generation	35112 6514	32516 0	5793 9766	0 37149	16701 37735	0 40956	
7. Adjusted Actual Heat Rate for January 2009 - December 2009 = $(\Sigma(5*6) / \Sigma 6)$							10639

* From pages 20 & 21, Schedule 3 of Exhibit to L. S. Noack's September 02, 2008 GPIF Testimony in Docket 080001-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 2009 - December 2009
Adjusted to Target Basis Using Heat Rate
Equations Filed September 02, 2008

Crist 5

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10414 10857	10355 10961	10345 10879	10398 10806	10450 10434	10725 10452	
2. Target Heat Rate at Actual Conditions**	11254 11464	11028 11795	10879 11880	10959 11067	10928 11229	11486 10858	
3. Adjustment to Actual Heat Rate (1-2)	-840 -607	-673 -834	-534 -1001	-561 -261	-478 -795	-761 -406	
4. Actual Heat Rate (Page 3 of Sched. 3)	10322 11598	10630 11142	11327 12024	11043 11001	10946 11110	11070 11958	
5. Adjusted Actual Heat Rate (4+3)	9482 10991	9957 10308	10793 11023	10482 10740	10468 10315	10309 11552	
6. Net MWH Generation	18249 43172	38037 39507	43702 28580	27407 46761	24469 15794	39938 14903	
7. Adjusted Actual Heat Rate for January 2009 - December 2009 =($\Sigma(5*6) / \Sigma 6$)							10545

* From pages 22 & 23, Schedule 3 of Exhibit to L. S. Noack's September 02, 2008 GPIF Testimony in Docket 080001-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 2009 - December 2009
Adjusted to Target Basis Using Heat Rate
Equations Filed September 02, 2008

Crist 6

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	0 10623	10453 10190	10393 10634	10623 10627	10633 10378	10624 10626	
2. Target Heat Rate at Actual Conditions**	0 11104	12167 11107	10561 10634	11409 11492	11128 11759	11220 11046	
3. Adjustment to Actual Heat Rate (1-2)	0 -481	-1714 -917	-168 0	-786 -865	-495 -1381	-596 -420	
4. Actual Heat Rate (Page 4 of Sched. 3)	0 10922	10934 11824	11127 0	11433 11910	11121 11569	10890 10787	
5. Adjusted Actual Heat Rate (4+3)	0 10441	9220 10907	10959 0	10647 11045	10626 10188	10294 10367	
6. Net MWH Generation	0 103512	69288 88523	100643 0	115306 38478	141688 93561	40443 146546	
7. Adjusted Actual Heat Rate for January 2009 - December 2009 =($\Sigma(5*6) / \Sigma 6$)							10485

* From pages 24 & 25, Schedule 3 of Exhibit to L. S. Noack's September 02, 2008 GPIF Testimony in Docket 080001-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 2009 - December 2009
Adjusted to Target Basis Using Heat Rate
Equations Filed September 02, 2008

Crist 7

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10468 10417	10434 10656	10574 10459	10427 10459	10454 0	10653 10454	
2. Target Heat Rate at Actual Conditions**	10670 10668	10434 11369	11122 11006	10821 10953	10677 0	11156 10803	
3. Adjustment to Actual Heat Rate (1-2)	-202 -251	0 -713	-548 -547	-394 -494	-223 0	-503 -349	
4. Actual Heat Rate (Page 5 of Sched. 3)	10724 10818	0 11313	11243 11114	11105 12845	10836 0	11121 11061	
5. Adjusted Actual Heat Rate (4+3)	10522 10567	0 10600	10695 10567	10711 12351	10613 0	10618 10712	
6. Net MWH Generation	224958 227679	0 208560	126488 215259	116302 5187	273797 0	239364 164169	
7. Adjusted Actual Heat Rate for January 2009 - December 2009 =($\Sigma(5*6) / \Sigma 6$)							10616

* From pages 26 & 27, Schedule 3 of Exhibit to L. S. Noack's September 02, 2008 GPIF Testimony in Docket 080001-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 2009 - December 2009
Adjusted to Target Basis Using Heat Rate
Equations Filed September 02, 2008

Smith 1

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10352 10443	10253 10376	10250 10299	10286 10282	10237 10289	10386 10271	
2. Target Heat Rate at Actual Conditions**	10406 10659	10336 10781	10354 10789	10286 10292	10366 10289	10814 10530	
3. Adjustment to Actual Heat Rate (1-2)	-54 -216	-83 -405	-104 -490	0 -10	-129 0	-428 -259	
4. Actual Heat Rate (Page 6 of Sched. 3)	10406 10812	10416 10892	10417 10911	0 10583	10569 0	10821 10634	
5. Adjusted Actual Heat Rate (4+3)	10352 10596	10333 10487	10313 10421	0 10573	10440 0	10393 10375	
6. Net MWH Generation	83280 87210	18015 74755	32731 69754	0 9679	57594 0	46244 37473	
7. Adjusted Actual Heat Rate for January 2009 - December 2009 =(Σ(5*6)/Σ6)							10438

* From pages 28 & 29 , Schedule 3 of Exhibit to L. S. Noack's September 02, 2008 GPIF Testimony in Docket 080001-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 2009 - December 2009
Adjusted to Target Basis Using Heat Rate
Equations Filed September 02, 2008

Smith 2

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10317 10403	10354 10379	10300 10329	10322 10321	10339 10327	10481 10318	
2. Target Heat Rate at Actual Conditions**	10376 10583	10436 10521	10371 10444	10375 10379	10378 10437	10760 10425	
3. Adjustment to Actual Heat Rate (1-2)	-59 -180	-82 -142	-71 -115	-53 -58	-39 -110	-279 -107	
4. Actual Heat Rate (Page 7 of Sched. 3)	10595 10542	10265 10452	10257 10378	10354 10172	10129 10067	10647 10702	
5. Adjusted Actual Heat Rate (4+3)	10536 10362	10183 10310	10186 10263	10301 10114	10090 9957	10368 10595	
6. Net MWH Generation	78073 81063	87294 71593	106740 20161	82129 104622	88802 88268	77475 51118	
7. Adjusted Actual Heat Rate for January 2009 - December 2009 =($\Sigma(5*6) / \Sigma 6$)							10250

* From pages 30 & 31, Schedule 3 of Exhibit to L. S. Noack's September 02, 2008 GPIF Testimony in Docket 080001-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 2009 - December 2009
Adjusted to Target Basis Using Heat Rate
Equations Filed September 02, 2008

Daniel 1

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	10117 10114	10137 10206	10113 9890	9999 0	10119 10163	10114 10114	
2. Target Heat Rate at Actual Conditions**	11621 10679	11776 10664	10627 10233	10484 10206	10616 10503	10759 10742	
3. Adjustment to Actual Heat Rate (1-2)	-1504 -565	-1639 -458	-514 -343	-485 -110	-497 -340	-645 -628	
4. Actual Heat Rate*** (Page 8 of Sched. 3)	11448 10485	11398 10269	10278 9969	10574 10095	10713 10526	10647 10815	
5. Adjusted Actual Heat Rate (4+3)	9944 9920	9759 9811	9764 9626	10089 9985	10216 10186	10002 10187	
6. Net MWH Generation	136732 266524	60603 278821	50745 272786	240656 289472	278131 278373	250577 106837	
7. Adjusted Actual Heat Rate for January 2009 - December 2009 =(Σ(5*6)/Σ6)							9976

* From pages 32 & 33, Schedule 3 of Exhibit to L. S. Noack's September 02, 2008 GPIF Testimony in Docket 080001-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 2009 - December 2009
Adjusted to Target Basis Using Heat Rate
Equations Filed September 02, 2008

Daniel 2

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec	Jan - Dec
1. Target Heat Rate*	9763 9933	9732 9943	9656 9937	9944 9944	9756 10062	9950 9958	
2. Target Heat Rate at Actual Conditions**	10047 10509	10392 10481	10342 10586	10855 10357	10682 10489	10464 10831	
3. Adjustment to Actual Heat Rate (1-2)	-284 -576	-660 -538	-686 -649	-911 -413	-926 -427	-514 -873	
4. Actual Heat Rate*** (Page 9 of Sched. 3)	9811 10387	10761 10101	10249 10171	10692 10025	10741 10150	10413 11129	
5. Adjusted Actual Heat Rate (4+3)	9527 9811	10101 9563	9563 9522	9781 9612	9815 9723	9899 10256	
6. Net MWH Generation	218294 260182	136248 282252	49638 259449	235859 302521	21617 223818	269319 241632	
7. Adjusted Actual Heat Rate for January 2009 - December 2009 =($\Sigma(5*6) / \Sigma 6$)							9757

* From pages 34 & 35, Schedule 3 of Exhibit to L. S. Noack's September 02, 2008 GPIF Testimony in Docket 080001-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 2009 - December 2009

		Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec
Crist 4							
	+3						
AKW * 10		56.9	56.6	56.4	0.0	59.1	0.0
		62.2	0.0	56.9	68.1	57.0	64.3
	+6						
LSRF * 10		3363.6	3337.5	3249.3	0.0	3669.0	0.0
		3189.3	0.0	3344.8	4721.2	3362.8	4221.9
Crist 5							
	+3						
AKW * 10		53.2	56.6	59.2	56.8	60.3	56.0
		58.0	53.1	51.1	62.9	52.1	56.3
	+6						
LSRF * 10		3003.0	3387.8	3687.3	3367.4	3900.4	3332.6
		3512.6	2884.0	2683.4	4073.4	2805.9	3212.0
Crist 6							
	+3						
AKW * 10		0.0	158.2	205.4	170.1	198.4	196.5
		195.9	155.2	0.0	169.4	145.8	198.2
	+6						
LSRF * 10		0.0	30552.4	44983.5	30553.3	43208.5	42908.3
		41758.5	25276.7	0.0	30708.5	22235.7	42502.0
Crist 7							
	+3						
AKW * 10		373.6	0.0	315.4	335.9	371.6	332.5
		374.0	293.7	299.0	308.8	0.0	340.0
	+6						
LSRF * 10		146729.5	0.0	105691.5	121182.9	144960.5	117686.4
		145042.9	90646.8	92807.3	98588.3	0.0	133739.7
Smith 1							
	+3						
AKW * 10		111.9	126.2	123.0	0.0	117.6	105.7
		117.2	100.5	96.9	132.8	0.0	105.4
	+6						
LSRF * 10		12718.0	16572.7	15738.7	0.0	14860.7	12441.7
		14631.8	10743.5	10274.8	18219.5	0.0	11485.3
Smith 2							
	+3						
AKW * 10		141.8	145.1	143.7	142.2	141.1	107.6
		118.8	120.7	120.7	140.6	122.4	126.0
	+6						
LSRF * 10		20472.1	21469.4	21287.7	21290.9	21378.1	12414.6
		14975.7	15106.7	15746.6	20495.4	15160.4	16424.1

Actual Values of
Target Heat Rate Equation Parameters
for January 2009 - December 2009

	Jan/Jul	Feb/Aug	Mar/Sep	Apr/Oct	May/Nov	Jun/Dec
Daniel 1						
+3						
AKW * 10	252.3	248.3	373.4	352.4	373.8	349.2
	358.2	374.8	378.9	401.9	389.6	322.5
+6						
LSRF * 10	73735.2	74088.3	159551.6	140203.2	159424.1	141900.3
	147219.8	157004.6	160265.2	175105.5	169223.9	115153.0
Daniel 2						
+3						
AKW * 10	395.6	351.7	352.8	342.4	287.8	374.1
	371.5	379.4	360.3	406.6	379.4	324.8
+6						
LSRF * 10	169346.8	140628.3	142236.4	130693.5	98660.1	157490.6
	154409.0	160107.1	146610.8	179856.9	164565.4	117067.1

Target Heat Rate Equations

Crist 4 ANOHR = $10^6 / AKW * [-381.74 + 12.12 * MAY + 32.77 * JUN + 29.27 * JUL + 50.15 * AUG + 31.04 * SEP + 21.85 * OCT + 10.52 * NOV] + 24,343 \cdot 0.11694 * LSRF / AKW$

Crist 5 ANOHR = $10^6 / AKW * [426.33 + 22.59 * JUN + 32.76 * JUL + 36.39 * AUG + 30.19 * SEP + 26.82 * OCT] - 988 + 0.07491 * LSRF / AKW$

Crist 6 ANOHR = $10^6 / AKW * [1564.72 - 47.30 * FEB - 68.04 * MAR - 113.83 * AUG - 65.78 * NOV] - 2641 + 0.02701 * LSRF / AKW$

Crist 7 ANOHR = $10^6 / AKW * [503.94 + 63.95 * MAR + 106.06 * JUN + 97.65 * AUG + 142.75 * NOV] + 9,321$

Smith 1 ANOHR = $10^6 / AKW * [373.33 - 11.70 * MAY + 15.04 * JUN + 24.45 * JUL + 11.54 * AUG] + 5,085 + 0.01746 * LSRF / AKW$

Smith 2 ANOHR = $10^6 / AKW * [55.14 + 9.99 * FEB + 28.04 * JUN + 15.62 * JUL + 9.27 * AUG] + 9,987$

Daniel 1 ANOHR = $10^6 / AKW * [1635.53 - 57.26 * APR + 45.65 * AUG - 111.77 * SEP - 71.99 * OCT] + 2,739 + 0.00821 * LSRF / AKW$

Daniel 2 ANOHR = $10^6 / AKW * [1440.20 - 72.96 * JAN - 114.48 * FEB - 144.93 * MAR - 100.18 * MAY] + 8,444 + 10^6 / AKW * [-0.0647 * BTU/LB]$

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 2009 - December 2009

(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	10810	10639	10486	3.86
Crist 5	10594	10545	10276	0.00
Crist 6	10530	10485	10214	0.00
Crist 7	10496	10616	10181	-1.88
Smith 1	10310	10438	10001	-2.26
Smith 2	10349	10250	10039	1.02
Daniel 1	10096	9976	9793	1.97
Daniel 2	9870	9757	9574	1.72

* From page 5, Schedule 3 of Exhibit to L. S. Noack's
September 02, 2008 GPIF Testimony in Docket 080001-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 2009 - December 2009

Unit	Availability Points	Availability* Weighting Factor	Heat Rate Points	Heat Rate* Weighting Factor
Crist 4	10.00	0.001	3.86	0.049
Crist 5	-1.76	0.003	0.00	0.050
Crist 6	10.00	0.027	0.00	0.146
Crist 7	0.74	0.076	-1.88	0.225
Smith 1	-10.00	0.003	-2.26	0.077
Smith 2	3.33	0.008	1.02	0.095
Daniel 1	6.00	0.013	1.97	0.093
Daniel 2	-10.00	0.025	1.72	0.108

$$\begin{aligned}
\text{Company GPIF Points} = & + 10.00 * 0.001 + 3.86 * 0.049 \\
& - 1.76 * 0.003 + 0.00 * 0.050 \\
& + 10.00 * 0.027 + 0.00 * 0.146 \\
& + 0.74 * 0.076 - 1.88 * 0.225 \\
& - 10.00 * 0.003 - 2.26 * 0.077 \\
& + 3.33 * 0.008 + 1.02 * 0.095 \\
& + 6.00 * 0.013 + 1.97 * 0.093 \\
& - 10.00 * 0.025 + 1.72 * 0.108 \\
= & 0.22
\end{aligned}$$

$$\begin{aligned}
\text{Company reward/penalty} = & 0.22 \text{ points} * \$373863 \text{ per point} \\
= & \$82,250
\end{aligned}$$

* From page 5, Schedule 3 of Exhibit to L. S. Noack's September 02, 2008 GPIF Testimony in Docket 080001-EI.

V. GPIF MINIMUM FILING REQUIREMENTS FOR THE JANUARY 2009 - DECEMBER 2009 PERIOD

CONTENTS	SCHEDULE 5 <u>PAGE</u>
GPIF Reward/Penalty Table (Actual)	3
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Generating Performance Incentive Factor

Actual Reward/Penalty Table

Gulf Power Company

Period of: January 2009 - December 2009

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	15734	3739
+ 9	14161	3365
+ 8	12587	2991
+ 7	11014	2617
+ 6	9440	2243
+ 5	7867	1869
+ 4	6294	1495
+ 3	4720	1122
+ 2	3147	748
+ 1	1573	374
0	0	0
- 1	-1720	-374
- 2	-3440	-748
- 3	-5160	-1122
- 4	-6880	-1495
- 5	-8600	-1869
- 6	-10320	-2243
- 7	-12040	-2617
- 8	-13760	-2991
- 9	-15480	-3365
- 10	-17200	-3739
	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, 2010
Suspended:
Effective: April 01, 2010
Docket No.: 100001-EI
Order No.:

Generating Performance Incentive Factor
Calculation of Maximum Allowed Incentive Dollars

Actual

Gulf Power Company

Period of: January 2009 - December 2009

Line 1	Beginning of Period Balance of Common Equity	\$820,089,964
	End of Month Balance of Common Equity:	
Line 2	Month of Jan '09	\$938,567,589
Line 3	Month of Feb '09	\$944,021,150
Line 4	Month of Mar '09	\$951,070,917
Line 5	Month of Apr '09	\$934,180,347
Line 6	Month of May '09	\$944,509,018
Line 7	Month of Jun '09	\$962,130,175
Line 8	Month of Jul '09	\$953,458,116
Line 9	Month of Aug '09	\$968,570,136
Line 10	Month of Sep '09	\$982,257,929
Line 11	Month of Oct '09	\$968,348,256
Line 12	Month of Nov '09	\$972,242,622
Line 13	Month of Dec '09	\$1,002,290,042
Line 14	Average Common Equity for the Period (sum of line 1 through line 13 divided by 13)	\$949,364,328
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)	\$3,866,701
Line 18	Jurisdictional Sales (KWH)	10,902,824,031
Line 19	Total Territorial Sales (KWH)	11,276,304,204
Line 20	Jurisdictional Separation Factor (line 18 divided by line 19)	96.6879%
Line 21	Maximum Allowed Jurisdictional Incentive Dollars (line 17 multiplied by line 20)	\$3,738,632

Issued by: S. N. Story

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Schedule 5

Filed: April 01, 2010
Suspended:
Effective: April 01, 2010
Docket No.: 100001-EI
Order No.:

Calculation of System Actual GPIF Points

Gulf Power Company

Period of: January 2009 - December 2009

Plant & Unit	Performance Indicator (EAF or ANOHR)	Weighting Factor	Unit Points	Weighted Unit Points
Crist 4	EAF1	0.1%	10.00	0.015
Crist 4	ANOHR1	4.9%	3.86	0.187
Crist 5	EAF2	0.3%	-1.76	-0.006
Crist 5	ANOHR2	5.0%	0.00	0.000
Crist 6	EAF3	2.7%	10.00	0.274
Crist 6	ANOHR3	14.6%	0.00	0.000
Crist 7	EAF4	7.6%	0.74	0.056
Crist 7	ANOHR4	22.5%	-1.88	-0.423
Smith 1	EAF5	0.3%	-10.00	-0.030
Smith 1	ANOHR5	7.7%	-2.26	-0.174
Smith 2	EAF6	0.8%	3.33	0.027
Smith 2	ANOHR6	9.5%	1.02	0.097
Daniel 1	EAF7	1.3%	6.00	0.078
Daniel 1	ANOHR7	9.3%	1.97	0.183
Daniel 2	EAF8	2.5%	-10.00	-0.250
Daniel 2	ANOHR8	10.8%	1.72	0.186
Gulf Power GPIF Total		100.0%		0.22

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2009 - December 2009

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	22	98.60	+ 10	764	10,486
+ 9	20	98.54	+ 9	688	10,511
+ 8	18	98.48	+ 8	611	10,536
+ 7	15	98.42	+ 7	535	10,561
+ 6	13	98.36	+ 6	458	10,586
+ 5	11	98.30	+ 5	382	10,611
+ 4	9	98.24	+ 4	306	10,635
+ 3	7	98.18	+ 3	229	10,660
+ 2	4	98.12	+ 2	153	10,685
+ 1	2	98.06	+ 1	76	10,710
				0	10,735
0	0	98.00	0	0	10,810
				0	10,885
- 1	(4)	97.91	- 1	(76)	10,910
- 2	(9)	97.82	- 2	(153)	10,935
- 3	(13)	97.73	- 3	(229)	10,960
- 4	(17)	97.64	- 4	(306)	10,985
- 5	(22)	97.55	- 5	(382)	11,010
- 6	(26)	97.46	- 6	(458)	11,034
- 7	(30)	97.37	- 7	(535)	11,059
- 8	(34)	97.28	- 8	(611)	11,084
- 9	(39)	97.19	- 9	(688)	11,109
- 10	(43)	97.10	- 10	(764)	11,134
Weighting Factor:		0.001	Weighting Factor:		0.049

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Gulf Power Company

Period of: January 2009 - December 2009

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	42	97.50	+ 10	781	10,276
+ 9	38	97.39	+ 9	703	10,300
+ 8	34	97.28	+ 8	625	10,325
+ 7	29	97.17	+ 7	547	10,349
+ 6	25	97.06	+ 6	469	10,373
+ 5	21	96.95	+ 5	391	10,398
+ 4	17	96.84	+ 4	312	10,422
+ 3	13	96.73	+ 3	234	10,446
+ 2	8	96.62	+ 2	156	10,470
+ 1	4	96.51	+ 1	78	10,495
0	0	96.40	0	0	10,519
				0	10,594
				0	10,669
- 1	(4)	96.23	- 1	(78)	10,693
- 2	(9)	96.06	- 2	(156)	10,718
- 3	(13)	95.89	- 3	(234)	10,742
- 4	(17)	95.72	- 4	(312)	10,766
- 5	(22)	95.55	- 5	(391)	10,791
- 6	(26)	95.38	- 6	(469)	10,815
- 7	(30)	95.21	- 7	(547)	10,839
- 8	(34)	95.04	- 8	(625)	10,863
- 9	(39)	94.87	- 9	(703)	10,888
- 10	(43)	94.70	- 10	(781)	10,912
Weighting Factor:		0.003	Weighting Factor:		0.050

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Gulf Power Company

Period of: January 2009 - December 2009

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	427	84.00	+ 10	2,291	10,214
+ 9	384	83.78	+ 9	2,062	10,238
+ 8	342	83.56	+ 8	1,833	10,262
+ 7	299	83.34	+ 7	1,604	10,286
+ 6	256	83.12	+ 6	1,375	10,310
+ 5	214	82.90	+ 5	1,146	10,335
+ 4	171	82.68	+ 4	916	10,359
+ 3	128	82.46	+ 3	687	10,383
+ 2	85	82.24	+ 2	458	10,407
+ 1	43	82.02	+ 1	229	10,431
0	0	81.80	0	0	10,455
				0	10,530
				0	10,605
- 1	(66)	81.46	- 1	(229)	10,629
- 2	(132)	81.12	- 2	(458)	10,653
- 3	(197)	80.78	- 3	(687)	10,677
- 4	(263)	80.44	- 4	(916)	10,701
- 5	(329)	80.10	- 5	(1,146)	10,726
- 6	(395)	79.76	- 6	(1,375)	10,750
- 7	(461)	79.42	- 7	(1,604)	10,774
- 8	(526)	79.08	- 8	(1,833)	10,798
- 9	(592)	78.74	- 9	(2,062)	10,822
- 10	(658)	78.40	- 10	(2,291)	10,846
Weighting Factor:		0.027	Weighting Factor:		0.146

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Gulf Power Company

Period of: January 2009 - December 2009

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	1,199	71.40	+ 10	3,546	10,181
+ 9	1,079	71.13	+ 9	3,191	10,205
+ 8	959	70.86	+ 8	2,837	10,229
+ 7	839	70.59	+ 7	2,482	10,253
+ 6	719	70.32	+ 6	2,128	10,277
+ 5	600	70.05	+ 5	1,773	10,301
+ 4	480	69.78	+ 4	1,418	10,325
+ 3	360	69.51	+ 3	1,064	10,349
+ 2	240	69.24	+ 2	709	10,373
+ 1	120	68.97	+ 1	355	10,397
0	0	68.70	0	0	10,421
- 1	(186)	68.28	- 1	(355)	10,496
- 2	(372)	67.86	- 2	(709)	10,571
- 3	(559)	67.44	- 3	(1,064)	10,595
- 4	(745)	67.02	- 4	(1,418)	10,619
- 5	(931)	66.60	- 5	(1,773)	10,643
- 6	(1,117)	66.18	- 6	(2,128)	10,667
- 7	(1,303)	65.76	- 7	(2,482)	10,691
- 8	(1,490)	65.34	- 8	(2,837)	10,715
- 9	(1,676)	64.92	- 9	(3,191)	10,739
- 10	(1,862)	64.50	- 10	(3,546)	10,763
Weighting Factor:		0.076	Weighting Factor:		0.225

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2009 - December 2009

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	54	90.90	+ 10	1,211	10,001
+ 9	49	90.78	+ 9	1,090	10,024
+ 8	43	90.66	+ 8	969	10,048
+ 7	38	90.54	+ 7	848	10,071
+ 6	32	90.42	+ 6	727	10,095
+ 5	27	90.30	+ 5	606	10,118
+ 4	22	90.18	+ 4	484	10,141
+ 3	16	90.06	+ 3	363	10,165
+ 2	11	89.94	+ 2	242	10,188
+ 1	5	89.82	+ 1	121	10,212
				0	10,235
0	0	89.70	0	0	10,310
				0	10,385
- 1	(10)	89.52	- 1	(121)	10,408
- 2	(20)	89.34	- 2	(242)	10,432
- 3	(30)	89.16	- 3	(363)	10,455
- 4	(40)	88.98	- 4	(484)	10,479
- 5	(50)	88.80	- 5	(606)	10,502
- 6	(59)	88.62	- 6	(727)	10,525
- 7	(69)	88.44	- 7	(848)	10,549
- 8	(79)	88.26	- 8	(969)	10,572
- 9	(89)	88.08	- 9	(1,090)	10,596
- 10	(99)	87.90	- 10	(1,211)	10,619
Weighting Factor:		0.003	Weighting Factor:		0.077

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2009 - December 2009

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	121	97.10	+ 10	1,502	10,039
+ 9	109	96.98	+ 9	1,352	10,063
+ 8	97	96.86	+ 8	1,202	10,086
+ 7	85	96.74	+ 7	1,051	10,110
+ 6	73	96.62	+ 6	901	10,133
+ 5	61	96.50	+ 5	751	10,157
+ 4	48	96.38	+ 4	601	10,180
+ 3	36	96.26	+ 3	451	10,204
+ 2	24	96.14	+ 2	300	10,227
+ 1	12	96.02	+ 1	150	10,251
0	0	95.90	0	0	10,274
				0	10,349
				0	10,424
- 1	(19)	95.71	- 1	(150)	10,448
- 2	(37)	95.52	- 2	(300)	10,471
- 3	(56)	95.33	- 3	(451)	10,495
- 4	(75)	95.14	- 4	(601)	10,518
- 5	(94)	94.95	- 5	(751)	10,542
- 6	(112)	94.76	- 6	(901)	10,565
- 7	(131)	94.57	- 7	(1,051)	10,589
- 8	(150)	94.38	- 8	(1,202)	10,612
- 9	(168)	94.19	- 9	(1,352)	10,636
- 10	(187)	94.00	- 10	(1,502)	10,659
Weighting Factor:		0.008	Weighting Factor:		0.095

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Gulf Power Company

Period of: January 2009 - December 2009

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	199	82.20	+ 10	1,468	9,793
+ 9	179	82.10	+ 9	1,321	9,816
+ 8	159	82.00	+ 8	1,174	9,839
+ 7	139	81.90	+ 7	1,028	9,861
+ 6	119	81.80	+ 6	881	9,884
+ 5	100	81.70	+ 5	734	9,907
+ 4	80	81.60	+ 4	587	9,930
+ 3	60	81.50	+ 3	440	9,953
+ 2	40	81.40	+ 2	294	9,975
+ 1	20	81.30	+ 1	147	9,998
0	0	81.20	0	0	10,021
				0	10,096
				0	10,171
- 1	(30)	81.04	- 1	(147)	10,194
- 2	(61)	80.88	- 2	(294)	10,217
- 3	(91)	80.72	- 3	(440)	10,239
- 4	(121)	80.56	- 4	(587)	10,262
- 5	(152)	80.40	- 5	(734)	10,285
- 6	(182)	80.24	- 6	(881)	10,308
- 7	(212)	80.08	- 7	(1,028)	10,331
- 8	(242)	79.92	- 8	(1,174)	10,353
- 9	(273)	79.76	- 9	(1,321)	10,376
- 10	(303)	79.60	- 10	(1,468)	10,399
Weighting Factor:		0.013	Weighting Factor:		0.093

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2009 - December 2009

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	400	91.00	+ 10	1,707	9,574
+ 9	360	90.87	+ 9	1,536	9,596
+ 8	320	90.74	+ 8	1,366	9,618
+ 7	280	90.61	+ 7	1,195	9,640
+ 6	240	90.48	+ 6	1,024	9,662
+ 5	200	90.35	+ 5	854	9,685
+ 4	160	90.22	+ 4	683	9,707
+ 3	120	90.09	+ 3	512	9,729
+ 2	80	89.96	+ 2	341	9,751
+ 1	40	89.83	+ 1	171	9,773
0	0	89.70	0	0	9,795
				0	9,870
				0	9,945
- 1	(74)	89.49	- 1	(171)	9,967
- 2	(147)	89.28	- 2	(341)	9,989
- 3	(221)	89.07	- 3	(512)	10,011
- 4	(294)	88.86	- 4	(683)	10,033
- 5	(368)	88.65	- 5	(854)	10,056
- 6	(441)	88.44	- 6	(1,024)	10,078
- 7	(515)	88.23	- 7	(1,195)	10,100
- 8	(588)	88.02	- 8	(1,366)	10,122
- 9	(662)	87.81	- 9	(1,536)	10,144
- 10	(735)	87.60	- 10	(1,707)	10,166
Weighting Factor:		0.025	Weighting Factor:		0.108

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GPIF Unit Performance Summary

Gulf Power Company

Period of: January 2009 - December 2009

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	98.0	98.6	97.1	\$22	(\$43)	99.6	\$22
Crist 5	0.3	96.4	97.5	94.7	\$42	(\$43)	96.1	(\$8)
Crist 6	2.7	81.8	84.0	78.4	\$427	(\$658)	86.9	\$427
Crist 7	7.6	68.7	71.4	64.5	\$1,199	(\$1,862)	68.9	\$89
Smith 1	0.3	89.7	90.9	87.9	\$54	(\$99)	86.8	(\$99)
Smith 2	0.8	95.9	97.1	94.0	\$121	(\$187)	96.3	\$40
Daniel 1	1.3	81.2	82.2	79.6	\$199	(\$303)	81.8	\$119
Daniel 2	2.5	89.7	91.0	87.6	\$400	(\$735)	81.3	(\$735)
Total:	15.7							

Plant & Unit	Weighting Factor %	ANOHR Target BTU/KWH	ANOHR 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	4.9	10,810	88.7	11,134	10,486	\$764	(\$764)	10,639	\$295
Crist 5	5.0	10,594	91.1	10,912	10,276	\$781	(\$781)	10,545	\$0
Crist 6	14.6	10,530	87.6	10,846	10,214	\$2,291	(\$2,291)	10,485	\$0
Crist 7	22.5	10,496	95.7	10,811	10,181	\$3,546	(\$3,546)	10,616	(\$667)
Smith 1	7.7	10,310	85.1	10,619	10,001	\$1,211	(\$1,211)	10,438	(\$274)
Smith 2	9.5	10,349	85.4	10,659	10,039	\$1,502	(\$1,502)	10,250	\$153
Daniel 1	9.3	10,096	98.9	10,399	9,793	\$1,468	(\$1,468)	9,976	\$289
Daniel 2	10.8	9,870	99.0	10,166	9,574	\$1,707	(\$1,707)	9,757	\$294
Total:	84.3								

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Actual Unit Performance Data

Gulf Power Company

Period of: January 2009 - December 2009

Plant & Unit	Actual EAF %	Adjustments* to EAF %	Adjusted Actual %
Crist 4	98.6	1.0	99.6
Crist 5	90.0	6.1	96.1
Crist 6	81.8	5.1	86.9
Crist 7	63.2	5.7	68.9
Smith 1	88.4	-1.6	86.8
Smith 2	94.2	2.1	96.3
Daniel 1	97.3	-15.5	81.8
Daniel 2	88.0	-6.7	81.3

Plant & Unit	Actual ANOHR BTU/KWH	Adjustments** to ANOHR BTU/KWH	ANOHR Adjusted Actual BTU/KWH
Crist 4	10,816	-177	10,639
Crist 5	11,177	-632	10,545
Crist 6	11,205	-720	10,485
Crist 7	11,018	-402	10,616
Smith 1	10,689	-251	10,438
Smith 2	10,353	-103	10,250
Daniel 1	10,499	-523	9,976
Daniel 2	10,341	-584	9,757

* 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 2009 - December 2009

CRIST 4	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	
1. EAF (%)	100.0	100.0	100.0	100.0	98.5	100.0	
2. PH	744.0	672.0	743.0	720.0	744.0	720.0	
3. SH	617.3	574.0	102.8	0.0	282.5	0.0	
4. RSH	126.7	98.0	640.2	720.0	450.1	720.0	
5. UH	0.0	0.0	0.0	0.0	11.4	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	9.4	0.0	
8. MOH	0.0	0.0	0.0	0.0	2.0	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	371521	343977	64608	0	175289	0	
15. Net Gen (MWH)	35112	32516	5793	0	16701	0	
16. ANOHR (Btu/KWH)	10581	10579	11153	0	10496	0	
17. NOF %	72.9	72.6	72.2	0.0	75.8	0.0	
18. NPC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	
19. ANOHR Equation	$10^6 / AKW * [-381.74 + 12.12 * MAY + 32.77 * JUN + 29.27 * JUL + 50.15 * AUG + 31.04 * SEP + 21.85 * OCT + 10.52 * NOV] + 24,343 - 0.11694 * LSRF / AKW$						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

CRIST 4	Jul '09	Aug '09	Sep '09	Oct '09	Nov '09	Dec '09	Total
1. EAF (%)	100.0	100.0	99.8	100.0	99.8	85.6	98.6
2. PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3. SH	104.8	0.0	171.6	545.8	662.2	636.6	3697.6
4. RSH	639.2	744.0	547.3	198.2	57.1	0.0	4940.8
5. UH	0.0	0.0	1.1	0.0	1.7	107.4	121.6
6. POH	0.0	0.0	0.0	0.0	0.0	106.2	106.2
7. FOH	0.0	0.0	1.1	0.0	1.7	1.2	13.4
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	2.0
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	64624	0	118448	403409	415927	445876	2403679
15. Net Gen (MWH)	6514	0	9766	37149	37735	40956	222242
16. ANOHR (Btu/KWH)	9921	0	12129	10859	11022	10887	10816
17. NOF %	79.7	0.0	73.0	87.3	73.1	82.5	77.1
18. NPC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0
19. ANOHR Equation	$10^6 / AKW * [-381.74 + 12.12 * MAY + 32.77 * JUN + 29.27 * JUL + 50.15 * AUG + 31.04 * SEP + 21.85 * OCT + 10.52 * NOV] + 24,343 - 0.11694 * LSRF / AKW$						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

CRIST 5	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	
1. EAF (%)	93.7	98.0	99.4	88.2	95.7	99.0	
2. PH	744.0	672.0	743.0	720.0	744.0	720.0	
3. SH	342.8	672.0	738.4	482.7	405.7	712.8	
4. RSH	354.4	0.0	0.0	152.3	306.1	0.0	
5. UH	46.8	0.0	4.6	85.0	32.2	7.2	
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	
7. FOH	0.0	0.0	4.6	4.5	0.0	7.2	
8. MOH	46.8	0.0	0.0	80.5	32.2	0.0	
9. PFOH	1.1	39.5	0.0	0.0	0.0	0.0	
10. LR pf (MW)	28.0	26.1	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	188358	404316	495028	302661	267826	442111	
15. Net Gen (MWH)	18249	38037	43702	27407	24469	39938	
16. ANOHR (Btu/KWH)	10322	10630	11327	11043	10946	11070	
17. NOF %	68.3	72.6	75.9	72.8	77.3	71.8	
18. NPC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	
19. ANOHR Equation	$10^6 / AKW * [426.33 + 22.59 * JUN + 32.76 * JUL + 36.39 * AUG + 30.19 * SEP + 26.82 * OCT]$ $-988 + 0.07491 * LSRF / AKW$						

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GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

CRIST 5	Jul '09	Aug '09	Sep '09	Oct '09	Nov '09	Dec '09	Total
1. EAF (%)	100.0	100.0	96.9	100.0	73.8	35.6	90.0
2. PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3. SH	744.0	744.0	559.8	744.0	303.0	264.8	6714.0
4. RSH	0.0	0.0	138.2	0.0	229.2	0.0	1180.2
5. UH	0.0	0.0	22.0	0.0	188.8	479.2	865.8
6. POH	0.0	0.0	0.0	0.0	128.8	479.2	608.0
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	16.3
8. MOH	0.0	0.0	22.0	0.0	60.0	0.0	241.5
9. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	40.6
10. LR pf (MW)	0.0	0.0	0.0	0.0	0.0	0.0	26.2
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13. NSC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0
14. Oper MBtu	500695	440191	343652	514396	175469	178211	4252914
15. Net Gen (MWH)	43172	39507	28580	46761	15794	14903	380519
16. ANOHR (Btu/KWH)	11598	11142	12024	11001	11110	11958	11177
17. NOF %	74.4	68.1	65.5	80.6	66.8	72.2	72.7
18. NPC (MW)	78.0	78.0	78.0	78.0	78.0	78.0	78.0
19. ANOHR Equation	$10^6 / AKW * [426.33 + 22.59 * JUN + 32.76 * JUL + 36.39 * AUG + 30.19 * SEP + 26.82 * OCT]$ $-988 + 0.07491 * LSRF / AKW$						

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GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

CRIST 6	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	
1. EAF (%)	0.0	58.9	100.0	99.4	99.7	98.4	
2. PH	744.0	672.0	743.0	720.0	744.0	720.0	
3. SH	0.0	438.1	490.0	677.9	714.1	205.8	
4. RSH	0.0	0.0	253.0	42.1	28.0	502.4	
5. UH	744.0	233.9	0.0	0.0	1.9	11.8	
6. POH	744.0	156.6	0.0	0.0	0.0	0.0	
7. FOH	0.0	77.3	0.0	0.0	1.9	5.8	
8. MOH	0.0	0.0	0.0	0.0	0.0	6.0	
9. PFOH	0.0	0.0	0.0	9.1	7.3	0.0	
10. LR pf (MW)	0.0	0.0	0.0	131.9	14.0	0.0	
11. PMOH	0.0	58.4	0.0	0.0	0.0	0.0	
12. LR pm (MW)	0.0	217.0	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	0	757590	1119840	1318298	1575741	440405	
15. Net Gen (MWH)	0	69288	100643	115306	141688	40443	
16. ANOHR (Btu/KWH)	0	10934	11127	11433	11121	10890	
17. NOF %	0.0	52.4	68.0	56.3	65.7	65.1	
18. NPC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	
19. ANOHR Equation	$10^6 / AKW * [1564.72 - 47.30 * FEB - 68.04 * MAR - 113.83 * AUG - 65.78 * NOV]$ $-2641 + 0.02701 * LSRF / AKW$						

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GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

CRIST 6	Jul '09	Aug '09	Sep '09	Oct '09	Nov '09	Dec '09	Total
1. EAF (%)	100.0	100.0	100.0	37.0	88.9	99.4	81.8
2. PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3. SH	528.4	570.5	0.0	227.1	641.5	739.3	5232.7
4. RSH	215.6	173.5	720.0	48.0	0.0	0.0	1982.6
5. UH	0.0	0.0	0.0	468.9	79.5	4.7	1544.7
6. POH	0.0	0.0	0.0	468.9	79.5	0.0	1449.0
7. FOH	0.0	0.0	0.0	0.0	0.0	4.7	89.7
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	6.0
9. PFOH	0.0	0.0	0.0	0.0	0.6	0.0	17.0
10. LR pf (MW)	0.0	0.0	0.0	0.0	282.0	0.0	86.6
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	58.4
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	217.0
13. NSC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	302.0
14. Oper MBtu	1130519	1046705	0	458266	1082372	1580747	10510483
15. Net Gen (MWH)	103512	88523	0	38478	93561	146546	937988
16. ANOHR (Btu/KWH)	10922	11824	0	11910	11569	10787	11205
17. NOF %	64.9	51.4	0.0	56.1	48.3	65.6	59.4
18. NPC (MW)	302.0	302.0	302.0	302.0	302.0	302.0	302.0
19. ANOHR Equation	$10\% / AKW * [1564.72 - 47.30 * FEB - 68.04 * MAR - 113.83 * AUG - 65.78 * NOV]$ $-2641 + 0.02701 * LSRF / AKW$						

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GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

CRIST 7	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	
1. EAF (%)	96.1	0.0	46.7	80.7	94.7	94.3	
2. PH	744.0	672.0	743.0	720.0	744.0	720.0	
3. SH	602.1	0.0	401.0	346.2	736.8	720.0	
4. RSH	117.9	0.0	0.0	262.6	0.0	0.0	
5. UH	24.0	672.0	342.0	111.2	7.2	0.0	
6. POH	24.0	672.0	315.5	0.0	0.0	0.0	
7. FOH	0.0	0.0	2.8	0.0	0.0	0.0	
8. MOH	0.0	0.0	23.7	111.2	7.2	0.0	
9. PFOH	21.7	0.0	168.4	121.3	199.7	23.7	
10. LR pf (MW)	81.2	0.0	152.1	107.2	60.3	19.1	
11. PMOH	11.2	0.0	0.0	0.0	34.8	79.7	
12. LR pm (MW)	65.0	0.0	0.0	0.0	96.0	238.4	
13. NSC (MW)	472.0	472.0	472.0	472.0	472.0	472.0	
14. Oper MBtu	2412471	0	1422108	1291545	2966969	2662013	
15. Net Gen (MWH)	224958	0	126488	116302	273797	239364	
16. ANOHR (Btu/KWH)	10724	0	11243	11105	10836	11121	
17. NOF %	79.2	0.0	66.8	71.2	78.7	70.4	
18. NPC (MW)	472.0	472.0	472.0	472.0	472.0	472.0	
19. ANOHR Equation	$10^6 / AKW * [503.94 + 63.95 * MAR + 106.06 * JUN + 97.65 * AUG + 142.75 * NOV]$ +9,321						

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GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

CRIST 7	Jul '09	Aug '09	Sep '09	Oct '09	Nov '09	Dec '09	Total
1. EAF (%)	81.8	94.8	100.0	2.3	0.0	61.4	63.2
2. PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3. SH	608.7	710.1	720.0	16.8	0.0	482.9	5344.6
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	380.5
5. UH	135.3	33.9	0.0	727.2	721.0	261.1	3034.9
6. POH	0.0	0.0	0.0	727.2	721.0	104.6	2564.3
7. FOH	135.3	33.9	0.0	0.0	0.0	11.7	183.7
8. MOH	0.0	0.0	0.0	0.0	0.0	144.8	286.9
9. PFOH	11.9	6.6	0.0	0.0	0.0	55.4	608.8
10. LR pf (MW)	13.9	329.3	0.0	0.0	0.0	221.9	110.9
11. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	125.7
12. LR pm (MW)	0.0	0.0	0.0	0.0	0.0	0.0	183.5
13. NSC (MW)	472.0	472.0	472.0	472.0	472.0	472.0	472.0
14. Oper MBtu	2463015	2359402	2392308	66628	0	1815840	19852299
15. Net Gen (MWH)	227679	208560	215259	5187	0	164169	1801763
16. ANOHR (Btu/KWH)	10818	11313	11114	12845	0	11061	11018
17. NOF %	79.2	62.2	63.3	65.4	0.0	72.0	71.4
18. NPC (MW)	472.0	472.0	472.0	472.0	472.0	472.0	472.0
19. ANOHR Equation	10*6 / AKW * [503.94 + 63.95 * MAR + 106.06 * JUN + 97.65 * AUG + 142.75 * NOV] + 9,321						

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GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

	SMITH 1	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	
1.	EAF (%)	100.0	100.0	100.0	40.0	63.4	96.6	
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
3.	SH	744.0	142.8	266.2	0.0	489.8	437.4	
4.	RSH	0.0	529.2	476.8	288.0	0.0	258.1	
5.	UH	0.0	0.0	0.0	432.0	254.2	24.5	
6.	POH	0.0	0.0	0.0	432.0	211.8	0.0	
7.	FOH	0.0	0.0	0.0	0.0	42.4	24.5	
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	40.0	0.0	
12.	LR pm (MW)	0.0	0.0	0.0	0.0	72.0	0.0	
13.	NSC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	
14.	Oper MBtu	866648	187650	340964	0	608735	500397	
15.	Net Gen (MWH)	83280	18015	32731	0	57594	46244	
16.	ANOHR (Btu/KWH)	10406	10416	10417	0	10569	10821	
17.	NOF %	69.1	77.9	75.9	0.0	72.6	65.3	
18.	NPC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	
19.	ANOHR Equation	$10^6 / AKW * [373.33 - 11.70 * MAY + 15.04 * JUN + 24.45 * JUL + 11.54 * AUG]$ $+ 5,085 + 0.01746 * LSRF / AKW$						

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GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

SMITH 1	Jul '09	Aug '09	Sep '09	Oct '09	Nov '09	Dec '09	Total
1. EAF (%)	100.0	100.0	99.4	89.2	85.9	86.5	88.4
2. PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3. SH	744.0	744.0	720.0	72.9	0.0	355.5	4716.6
4. RSH	0.0	0.0	0.0	590.6	619.5	288.4	3050.6
5. UH	0.0	0.0	0.0	80.5	101.5	100.1	992.8
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	643.8
7. FOH	0.0	0.0	0.0	0.0	0.0	100.1	167.0
8. MOH	0.0	0.0	0.0	80.5	101.5	0.0	182.0
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. FMOH	0.0	0.0	32.4	0.0	0.0	1.3	73.7
12. LR pm (MW)	0.0	0.0	22.0	0.0	0.0	27.0	49.2
13. NSC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0
14. Oper MBtu	942946	814202	761110	102429	0	398472	5523553
15. Net Gen (MWH)	87210	74755	69754	9679	0	37473	516735
16. ANOHR (Btu/KWH)	10812	10892	10911	10583	0	10634	10689
17. NOF %	72.4	62.0	59.8	82.0	0.0	65.1	67.6
18. NPC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0
19. ANOHR Equation	$10^6 / AKW * [373.33 - 11.70 * MAY + 15.04 * JUN + 24.45 * JUL + 11.54 * AUG]$ $+ 5,085 + 0.01746 * LSRF / AKW$						

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GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

	SMITH 2	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	
1.	EMAF (%)	99.3	99.0	100.0	80.2	84.6	99.5	
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
3.	SH	550.5	601.6	743.0	577.7	629.3	720.0	
4.	RSH	193.5	70.4	0.0	0.0	0.0	0.0	
5.	UH	0.0	0.0	0.0	142.3	114.7	0.0	
6.	POH	0.0	0.0	0.0	142.3	96.0	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	18.7	0.0	
9.	PFOH	14.3	16.2	0.0	0.0	0.2	0.3	
10.	LR pf (MW)	66.3	78.6	0.0	0.0	195.0	116.0	
11.	PMOH	0.0	0.0	0.0	0.0	0.0	7.0	
12.	LR pm (MW)	0.0	0.0	0.0	0.0	0.0	90.0	
13.	NSC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	
14.	Oper MBtu	827184	896037	1094873	850335	899471	824876	
15.	Net Gen (MWH)	78073	87294	106740	82129	88802	77475	
16.	ANOHR (Btu/KWH)	10595	10265	10257	10354	10129	10647	
17.	NOF %	72.7	74.4	73.7	72.9	72.4	55.2	
18.	NPC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	
19.	ANOHR Equation	10 ⁶ /AKW * [55.14 + 9.99 * FEB + 28.04 * JUN + 15.62 * JUL + 9.27 * AUG]						
		+ 9,987						

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GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

	SMITH 2	Jul '09	Aug '09	Sep '09	Oct '09	Nov '09	Dec '09	Total
1.	BAF (%)	91.0	97.6	84.4	100.0	100.0	94.3	94.2
2.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3.	SH	682.1	593.0	167.0	744.0	721.0	405.8	7135.0
4.	RSH	0.0	133.5	442.6	0.0	0.0	295.8	1135.8
5.	UH	61.9	17.5	110.4	0.0	0.0	42.4	489.2
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	238.3
7.	FOH	0.0	0.0	1.4	0.0	0.0	0.4	1.8
8.	MOH	61.9	17.5	109.0	0.0	0.0	42.0	249.1
9.	PFOH	58.6	0.0	0.1	0.0	0.1	0.0	89.8
10.	LR pF (MW)	18.0	0.0	195.0	0.0	194.0	0.0	37.7
11.	PMOH	0.0	0.0	3.2	0.0	0.0	0.0	10.2
12.	LR pm (MW)	0.0	0.0	110.0	0.0	0.0	0.0	96.3
13.	NSC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	195.0
14.	Oper MBtu	854539	748288	209231	1064170	888638	547040	9704682
15.	Net Gen (MWH)	81063	71593	20161	104622	88268	51118	937338
16.	ANOHR (Btu/KWH)	10542	10452	10378	10172	10067	10702	10353
17.	NOF %	60.9	61.9	61.9	72.1	62.8	64.6	67.4
18.	NPC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	195.0
19.	ANOHR Equation	$10^6 / AKW * [55.14 + 9.99 * FEB + 28.04 * JUN + 15.62 * JUL + 9.27 * AUG]$ + 9,987						

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GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

	DANIEL 1	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	
1.	EAF (%)	99.9	99.6	99.9	91.2	97.9	93.8	
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
3.	SH	541.9	244.1	135.9	683.0	744.0	717.5	
4.	RSH	202.1	425.2	607.1	37.0	0.0	0.0	
5.	UH	0.0	2.7	0.0	0.0	0.0	2.5	
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	
7.	FOH	0.0	2.7	0.0	0.0	0.0	2.5	
8.	MOH	0.0	0.0	0.0	0.0	0.0	0.0	
9.	PFOH	2.8	0.2	50.6	8.3	6.3	1.9	
10.	LR pf (MW)	106.1	60.9	10.0	125.1	59.0	63.0	
11.	PMOH	0.0	0.0	0.0	689.8	744.0	717.5	
12.	LR pm (MW)	0.0	0.0	0.0	45.5	10.0	30.0	
13.	NSC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	
14.	Oper MBtu	1565364	690777	521534	2544716	2979705	2667947	
15.	Net Gen (MWH)	136732	60603	50745	240656	278131	250577	
16.	ANOHR (Btu/KWH)	11448	11398	10278	10574	10713	10647	
17.	NOF %	49.5	48.7	73.2	69.1	73.3	68.5	
18.	NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	
19.	ANOHR Equation	$10^6 / AKW * [1635.53 - 57.26 * APR + 45.65 * AUG - 111.77 * SEP - 71.99 * OCT]$ $+ 2,739 + 0.00821 * LSRF / AKW$						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

	DANIEL 1	Jul '09	Aug '09	Sep '09	Oct '09	Nov '09	Dec '09	Total
1.	EAF (%)	96.2	94.9	98.2	96.8	99.0	99.9	97.3
2.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3.	SH	744.0	744.0	720.0	720.3	714.6	331.3	7040.6
4.	RSH	0.0	0.0	0.0	0.0	0.0	412.7	1684.1
5.	UH	0.0	0.0	0.0	23.7	6.4	0.0	35.3
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	5.2
8.	MOH	0.0	0.0	0.0	23.7	6.4	0.0	30.1
9.	PFOH	3.8	16.4	2.5	1.0	2.6	5.3	101.7
10.	LR pf (MW)	490.6	8.7	35.0	105.0	99.3	69.7	50.9
11.	FMOH	744.0	744.0	720.0	0.3	0.0	0.0	4359.6
12.	LR pm (MW)	17.0	26.0	9.0	35.0	0.0	0.0	22.7
13.	NSC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0
14.	Oper MBtu	2794392	2863336	2719449	2922093	2930244	1155468	26355026
15.	Net Gen (MWH)	266524	278821	272786	289472	278373	106837	2510257
16.	ANOHR (Btu/KWH)	10485	10269	9969	10095	10526	10815	10499
17.	NOF %	70.2	73.5	74.3	78.8	76.4	63.2	69.9
18.	NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0
19.	ANOHR Equation	$10^6 / AKW * [1635.53 - 57.26 * APR + 45.65 * AUG - 111.77 * SEP - 71.99 * OCT]$ $+ 2,739 + 0.00821 * LSRF / AKW$						

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GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

	DANIEL 2	Jan '09	Feb '09	Mar '09	Apr '09	May '09	Jun '09	
1.	EAF (%)	99.4	99.0	100.0	91.4	9.7	97.5	
2.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
3.	SH	551.8	387.4	140.7	688.9	75.1	720.0	
4.	RSH	192.2	279.3	602.3	28.9	0.0	0.0	
5.	UH	0.0	5.3	0.0	2.2	668.9	0.0	
6.	POH	0.0	0.0	0.0	0.0	0.0	0.0	
7.	FOH	0.0	5.3	0.0	2.2	0.0	0.0	
8.	MOH	0.0	0.0	0.0	0.0	668.9	0.0	
9.	PFOH	10.3	7.6	2.6	9.8	0.0	12.3	
10.	LR pf (MW)	221.1	113.3	30.0	44.9	0.0	34.8	
11.	FMOH	0.0	0.0	0.0	703.4	23.5	720.0	
12.	LR pm (MW)	0.0	0.0	0.0	42.8	57.0	12.0	
13.	NSC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	
14.	Oper MBtu	2141600	1466140	508733	2521701	232183	2804373	
15.	Net Gen (MWH)	218294	136248	49638	235859	21617	269319	
16.	ANOHR (Btu/KWH)	9811	10761	10249	10692	10741	10413	
17.	NOF %	77.6	69.0	69.2	67.1	56.4	73.3	
18.	NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	
19.	ANOHR Equation	$10^6 / AKW * [1440.20 - 72.96 * JAN - 114.48 * FEB - 144.93 * MAR - 100.18 * MAY]$ $+ 8,444 + 10^6 / AKW * [-0.0647 * BTU/LB]$						

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ACTUAL UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2009 - December 2009

	DANIEL 2	Jul '09	Aug '09	Sep '09	Oct '09	Nov '09	Dec '09	Total
1.	EAF (%)	87.8	95.4	95.7	100.0	81.5	99.7	88.0
2.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
3.	SH	700.3	744.0	720.0	744.0	589.9	744.0	6806.1
4.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	1102.7
5.	UH	43.7	0.0	0.0	0.0	131.1	0.0	851.2
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	130.4	0.0	137.9
8.	MOH	43.7	0.0	0.0	0.0	0.7	0.0	713.3
9.	PFOH	4.6	13.2	6.3	3.1	6.6	18.9	95.3
10.	LR pf (MW)	69.2	102.3	44.2	43.0	181.3	60.2	89.2
11.	PMOH	700.3	744.0	720.0	1.2	0.0	0.0	3612.4
12.	LR pm (MW)	33.8	21.4	21.7	15.0	0.0	0.0	26.4
13.	NSC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0
14.	Oper MBtu	2702402	2851009	2638882	3032665	2271690	2689186	25860564
15.	Net Gen (MWH)	260182	282252	259449	302521	223818	241632	2500829
16.	ANOHR (Btu/KWH)	10387	10101	10171	10025	10150	11129	10341
17.	NOF %	72.8	74.4	70.7	79.7	74.4	63.7	72.0
18.	NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0
19.	ANOHR Equation	$10^6 / AKW * [1440.20 - 72.96 * JAN - 114.48 * FEB - 144.93 * MAR - 100.18 * MAY]$ $+ 8,444 + 10^6 / AKW * [-0.0647 * BTU/LB]$						

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Planned Outage Schedules (Actual)

Period of: January 2009 - December 2009

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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