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August 30, 2013



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

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COMMISSION  
CLERK

RE: Docket No. 130001-EI

Dear Ms. Cole:

Enclosed for official filing in Docket No. 130001-EI are an original and fifteen copies of the following:

1. The Petition of Gulf Power Company.
2. Prepared direct testimony and exhibit of H. R. Ball.
3. Prepared direct testimony and exhibit of R. W. Dodd.
4. Prepared direct testimony and exhibit of M. A. Young.

Also enclosed is a CD containing the Petition in Microsoft Word as prepared on a Windows based computer.

Sincerely,

Robert L. McGee, Jr.  
Regulatory and Pricing Manager

md

Enclosures

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

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

IN RE: Fuel and Purchased Power Cost )  
Recovery Clauses and Generating ) Docket No.: 130001-EI  
Performance Incentive Factor. ) Filed: August 30, 2013  
\_\_\_\_\_ )

**PETITION OF GULF POWER COMPANY FOR APPROVAL OF  
FINAL FUEL COST TRUE-UP AMOUNTS  
FOR JANUARY 2012 THROUGH DECEMBER 2012;  
FINAL GPIF ADJUSTMENT  
FOR JANUARY 2012 THROUGH DECEMBER 2012;  
ESTIMATED FUEL COST TRUE-UP AMOUNTS  
FOR JANUARY 2013 THROUGH DECEMBER 2013;  
PROJECTED FUEL COST RECOVERY AMOUNTS  
FOR JANUARY 2014 THROUGH DECEMBER 2014;  
FINAL PURCHASED POWER CAPACITY COST TRUE-UP AMOUNTS  
FOR JANUARY 2012 THROUGH DECEMBER 2012;  
ESTIMATED PURCHASED POWER CAPACITY COST TRUE-UP AMOUNTS  
FOR JANUARY 2013 THROUGH DECEMBER 2013;  
PROJECTED PURCHASED POWER CAPACITY COST RECOVERY AMOUNTS  
FOR JANUARY 2014 THROUGH DECEMBER 2014;  
ESTIMATED AS-AVAILABLE AVOIDED ENERGY COSTS;  
GPIF TARGETS AND RANGES FOR JANUARY 2014 THROUGH DECEMBER 2014;  
FINANCIAL HEDGING ACTIVITIES AND SETTLEMENTS  
FOR AUGUST 2012 THROUGH JULY 2013;  
GULF POWER COMPANY'S RISK MANAGEMENT PLAN FOR FUEL PROCUREMENT;  
FUEL COST RECOVERY FACTORS TO BE APPLIED BEGINNING WITH THE  
PERIOD JANUARY 2014 THROUGH DECEMBER 2014; AND  
CAPACITY COST RECOVERY FACTORS TO BE APPLIED BEGINNING WITH THE  
PERIOD JANUARY 2014 THROUGH DECEMBER 2014**

Notices and communications with respect to this petition and docket should be addressed to:

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One Energy Place  
Pensacola, FL 32520-0780

GULF POWER COMPANY (“Gulf Power”, “Gulf”, or “the Company”), by and through its undersigned counsel, hereby petitions this Commission for approval of the Company's (a) final fuel adjustment true-up amounts for the period January 2012 through December 2012; (b) final GPIF adjustment; (c) estimated fuel cost true-up amounts for the period January 2013 through December 2013; (d) projected fuel cost recovery amounts for the period January 2014 through December 2014; (e) final purchased power capacity cost true-up amounts for the period January 2012 through December 2012; (f) estimated purchased power capacity cost true-up amounts for the period January 2013 through December 2013; (g) projected purchased power capacity cost recovery amounts for the period January 2014 through December 2014; (h) estimated as-available avoided energy costs for qualifying facilities (QF's); (i) GPIF targets and ranges for January 2014 through December 2014; (j) financial hedging activities and settlements for August 2012 through July 2013; (k) Gulf Power Company's Risk Management Plan; (l) fuel cost recovery factors to be applied beginning with the period January 2014 through December 2014; and (m) capacity cost recovery factors to be applied beginning with the period January 2014 through December 2014.

As grounds for the relief requested by this petition, the Company would respectfully show:

**FINAL FUEL ADJUSTMENT TRUE-UP**

(1) By vote of the Commission at the November 2012 hearings, estimated fuel true-up amounts were approved by the Commission, subject to establishing the final fuel true-up amounts. According to the data filed by Gulf for the period ending December 31, 2012, the actual fuel true-up amount for the subject twelve months should be an over recovery of

\$56,826,870 instead of the estimated over recovery of \$66,160,565 as approved previously by this Commission. The difference between these two amounts, \$9,333,695, is submitted for approval by the Commission to be collected in the next period. The supporting data has been prepared in accordance with the uniform system of accounts as applicable to the Company's fuel cost procedures and fairly presents the Company's fuel and purchased energy expenses for the period. Amounts spent by the Company for fuel and purchased energy are reasonable and prudent, and the Company makes every effort to secure the most favorable price for all of the fuel it purchases and for its energy purchases.

#### **GPIF ADJUSTMENT**

(2) On March 15, 2013, Gulf filed the testimony and exhibit of M. A. Young containing the Company's actual operating results for the period January 2012 through December 2012. Based on the actual operating results for the period January 2012 through December 2012, Gulf should receive a reward in the amount of \$1,662,342. The methodology used by Gulf in determining the various factors required to compute the GPIF is in accordance with the requirements of the Commission.

#### **ESTIMATED FUEL COST TRUE-UP**

(3) Gulf has calculated its estimated fuel cost true-up amount for the period January 2013 through December 2013. Based on six months actual experience and six months projected data, the Company's estimated fuel cost true-up amount for the current period (January 2013 through December 2013) is an under recovery of \$6,665,066. The supporting data is provided in the testimony and schedules of R. W. Dodd filed herewith. The estimated fuel cost true-up for

the current period is combined with the net final fuel adjustment true-up for the period ending December 2012 to reach the total fuel cost true-up to be addressed in the factors for the next fuel cost recovery period. The proposed fuel cost recovery factors reflect the collection of this total true-up amount, \$15,998,761, during the period of January 2014 through December 2014.

#### **PROJECTED FUEL COST RECOVERY AMOUNTS**

(4) Gulf has calculated its projected fuel cost recovery amounts for the months January 2014 through December 2014 for fuel and purchased energy in accordance with the procedures set out in this Commission's Orders Nos. 6357, 7890, 7501, and 9273 of Docket No. 74680-EI and with the orders entered in this ongoing cost recovery docket. The computations thereof are attached as Schedule E-1 of the exhibit to the testimony of R. W. Dodd filed herewith. The supporting data prepared in accordance with the Commission Staff's suggested procedures and format is attached as Schedules E-1 through E-11, and H-1 of the exhibit to the testimony of R.W. Dodd filed herewith. Said schedules are by reference made a part hereof. The proposed amounts and supporting data have been prepared in accordance with the uniform system of accounts as applicable to the Company's fuel cost projection procedures and fairly present the Company's best estimate of fuel and purchased energy expense for the projected period. Amounts projected by the Company for fuel and purchased energy are reasonable and prudent, and the Company continues to make every effort to secure the most favorable price for all of the fuel it purchases and for its purchased energy.

### **FINAL PURCHASED POWER CAPACITY COST TRUE-UP**

(5) By vote of the Commission at the November 2012 hearings, estimated purchased power capacity cost true-up amounts were approved by the Commission, subject to establishing the final purchased power capacity cost true-up amounts. According to the data filed by Gulf for the twelve-month period ending December 2012, the final purchased power capacity cost true-up amount for the subject twelve months should be an actual under recovery of \$489,878 instead of the estimated under recovery of \$592,654 as approved previously by this Commission. The difference between these two amounts, \$102,776, is submitted for approval by the Commission to be refunded in the next period. The supporting data has been prepared in accordance with the uniform system of accounts and fairly presents the Company's purchased power capacity expenses for the period. Amounts spent by the Company for purchased power capacity are reasonable and prudent, and in the best long-term interests of Gulf's general body of ratepayers.

### **ESTIMATED PURCHASED POWER CAPACITY COST TRUE-UP**

(6) Gulf has calculated its estimated purchased power capacity cost true-up amount for the period January 2013 through December 2013. Based on six months actual and six months projected data, the Company's estimated capacity cost true-up amount for the current period is an under recovery of \$2,263,786. The net estimated capacity cost true-up for the current period is combined with the net final capacity cost true-up for the period ending December 2012 to reach the total capacity cost true-up to be addressed in the factors for the next cost recovery period. The proposed capacity cost recovery factors reflect the recovery of this total capacity cost true-up amount, \$2,161,010, during the period of January 2014 through December 2014.

## **PROJECTED PURCHASED POWER CAPACITY COST RECOVERY AMOUNTS**

(7) Gulf has calculated its projected purchased power capacity cost recovery amounts for the months January 2014 through December 2014 in accordance with the procedures set out in Order No. 25773, Order No. PSC-93-0047-FOF-EI and Order No. PSC-99-2512-FOF-EI. The proposed factors reflect the recovery of the net capacity cost recovery amount of \$63,757,911 projected for the period January 2014 through December 2014.

The computations and supporting data for the Company's purchased power capacity cost recovery factors are set forth on Schedules CCE-1 (including CCE-1A and CCE-1B), CCE-2 and CCE-4 attached as part of the exhibit to the testimony of R. W. Dodd filed herewith. Additional supporting data for the purchased power capacity cost recovery factors is provided in the testimony and exhibit of H. R. Ball also filed herewith. The methodology used by Gulf in determining the amounts to include in these factors and the allocation to rate classes, based 12/13th on demand and 1/13th on energy, is in accordance with the requirements of the Commission as set forth in Order No. 25773. The amounts included in the factors for this projection period are based on reasonable projections of the capacity transactions that are expected to occur during the period January 2014 through December 2014. The proposed factors and supporting data have been prepared in accordance with the uniform system of accounts and fairly present the Company's best estimate of purchased power capacity costs for the projected period. Amounts projected by the Company for purchased power capacity are reasonable and prudent, and in the best long-term interests of Gulf's general body of ratepayers.

### **ESTIMATED AS-AVAILABLE AVOIDED ENERGY COSTS**

(8) Pursuant to Order 13247 (entered May 1, 1984) in Docket No. 830377-EI and Order No. 19548 (entered June 21, 1988) in Docket No. 880001-EI, Gulf has calculated estimates of as-available avoided energy costs for QF's in accordance with the procedures required in said orders. The resultant costs are attached to the testimony of R. W. Dodd as Schedule E-11 and by reference made a part hereof. Gulf Power requests that the Commission approve the estimates for these costs set forth on Schedule E-11.

### **GPIF TARGETS AND RANGES**

(9) Gulf also seeks approval of the GPIF targets and ranges for the period January 2014 through December 2014 set forth below:

<b>Unit</b>	<b>EAF</b>	<b>POF</b>	<b>EUOF</b>	<b>Heat Rate</b>
Crist 5	91.0	8.2	0.8	11,713
Crist 6	93.5	0.0	6.5	12,294
Crist 7	78.1	17.8	4.1	11,045
Smith 1	95.9	0.0	4.1	10,577
Smith 2	96.4	0.0	3.6	10,814
Smith 3	92.8	4.9	2.3	6,824
EAF = Equivalent Availability Factor (%) POF = Planned Outage Factor (%) EUOF = Equivalent Unplanned Outage Factor (%)				



## **HEDGING ACTIVITIES AND SETTLEMENTS**

(10) As demonstrated in Schedule 4 filed as part of Exhibit HRB-1 to the testimony of H.R. Ball on April 5, 2013 and the Hedging Information Report filed on August 16, 2013 and incorporated by reference as Exhibit HRB-4 to the testimony of H.R. Ball filed August 30, 2013, Gulf experienced a net loss of \$19,413,905 associated with its natural gas hedging transactions effected between August 1, 2012 and July 31, 2013 Pursuant to Order No. PSC-08-0316-PAA-EI, Gulf Power requests that the Commission find that its hedging transactions for the period August 1, 2012 through July 31, 2013 are prudent.

## **GULF POWER COMPANY'S RISK MANAGEMENT PLAN FOR FUEL**

### **PROCUREMENT**

(11) Gulf Power hereby requests that the Commission approve its Risk Management Plan for Fuel Procurement dated August 2, 2013.

**FUEL COST RECOVERY FACTORS**

(12) The proposed levelized fuel and purchased energy cost recovery factor, including GPIF and True-Up, herein requested is 4.169 ¢/KWH. The proposed factors by rate schedule are:

Group	Rate Schedules*	Line Loss Multipliers	Fuel Cost Factors ¢/KWH		
			Standard	Time of Use	
				On-Peak	Off-Peak
A	RS, RSVP, GS, GSD, GSDT, GSTOU, SBS, OSIII	1.00773	4.201	5.016	3.867
B	LP, LPT, SBS	0.98353	4.100	4.895	3.774
C	PX, PXT, RTP, SBS	0.96591	4.027	4.808	3.706
D	OSI/II	1.0077	4.154	N/A	N/A

\*The recovery factor applicable to customers taking service under Rate Schedule SBS is determined as follows: customers with a Contract Demand in the range of 100 to 499 KW will use the recovery factor applicable to Rate Schedule GSD; customers with a Contract Demand in the range of 500 to 7,499 KW will use the recovery factor applicable to Rate Schedule LP; and customers with a Contract Demand over 7,499 KW will use the recovery factor applicable to Rate Schedule PX.

**CAPACITY COST RECOVERY FACTORS**

(13) The proposed purchased power capacity cost recovery factors by rate class herein requested, including true-up, are:

<b>RATE CLASS</b>	<b>CAPACITY COST RECOVERY FACTORS ¢/KWH</b>
RS, RSVP	0.677
GS	0.599
GSD, GSDT, GSTOU	0.519
LP, LPT	0.452
PX, PXT, RTP, SBS	0.428
OS-I/II	0.090
OSIII	0.401

WHEREFORE, Gulf Power Company respectfully requests the Commission to approve the final fuel adjustment true-up for the period January 2012 through December 2012; the GPIF adjustment for the period January 2012 through December 2012; the estimated fuel cost true-up for the period January 2013 through December 2013; the projected fuel cost recovery amount for the period January 2014 through December 2014; the final purchased power capacity cost true-up amount for the period January 2012 through December 2012; the estimated purchased power capacity cost recovery true-up amount for the period January 2013 through December 2013; the projected purchased power capacity cost recovery amount for the period January 2014 through December 2014; the estimated as-available avoided energy costs for QF's; the GPIF targets and ranges for the period January 2014 through December 2014; the financial hedging activities and settlements for the period August 2012 through July 2013; Gulf Power Company's Risk Management Plan for Fuel Procurement; the fuel cost recovery factors to be applied beginning with the period January 2014 through December 2014; and the capacity cost recovery factors to be applied beginning with the period January 2014 through December 2014.

Dated the 29th day of August, 2013.



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**Attorneys for Gulf Power Company**

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

**FUEL AND PURCHASED POWER COST  
RECOVERY CLAUSE**

**Docket No. 130001-EI**

**PREPARED DIRECT TESTIMONY  
AND EXHIBITS OF**

**H. R. Ball**

**PROJECTION FILING FOR THE PERIOD**

**JANUARY 2014 – DECEMBER 2014**

**Date of Filing: August 30, 2013**



**A SOUTHERN COMPANY**

1 GULF POWER COMPANY

2 Before the Florida Public Service Commission

3 Prepared Direct Testimony and Exhibit of

4 H. R. Ball

5 Docket No. 130001-EI

6 Date of Filing: August 30, 2013

7 Q. Please state your name and business address.

8 A. My name is H. R. Ball. My business address is One Energy Place,  
9 Pensacola, Florida 32520-0335. I am the Fuel Manager for Gulf Power  
10 Company.

11 Q. Please briefly describe your educational background and business  
12 experience.

13 A. I graduated from the University of Southern Mississippi in Hattiesburg,  
14 Mississippi in 1978 with a Bachelor of Science Degree in Chemistry and  
15 graduated from the University of Southern Mississippi in Long Beach,  
16 Mississippi in 1988 with a Masters of Business Administration. My  
17 employment with the Southern Company began in 1978 at Mississippi  
18 Power's (MPC) Plant Daniel as a Plant Chemist. In 1982, I transferred to  
19 MPC's Fuel Department as a Fuel Business Analyst. I was promoted in  
20 1987 to Supervisor of Chemistry and Regulatory Compliance at Plant  
21 Daniel. In 1988, I assumed the role of Supervisor of Coal Logistics with  
22 Southern Company Fuel Services in Birmingham, Alabama. My  
23 responsibilities included administering coal supply and transportation  
24 agreements and managing the coal inventory program for the Southern  
25

1 electric system. I transferred to my current position as Fuel Manager for  
2 Gulf Power Company in 2003.

3  
4 Q. What are your duties as Fuel Manager for Gulf Power Company?

5 A. My responsibilities include the management of the Company's fuel  
6 procurement, inventory, transportation, budgeting, contract administration,  
7 and quality assurance programs to ensure that the generating plants  
8 operated by Gulf Power are supplied with an adequate quantity of fuel in a  
9 timely manner and at the lowest practical cost. I also have responsibility  
10 for the administration of Gulf's Intercompany Interchange Contract (IIC).

11  
12 Q. What is the purpose of your testimony in this docket?

13 A. The purpose of my testimony is to support Gulf Power Company's  
14 projection of fuel expenses, net power transaction expense, and  
15 purchased power capacity costs for the period January 1, 2014 through  
16 December 31, 2014. It is also my intent to be available to answer  
17 questions that may arise among the parties to this docket concerning Gulf  
18 Power Company's fuel and net power transaction expenses and  
19 purchased power capacity costs.

20  
21 Q. Have you prepared any exhibits that contain information to which you will  
22 refer in your testimony?

23 A. Yes, I have four separate exhibits I am sponsoring as part of this  
24 testimony. My first exhibit (HRB-2) consists of a schedule filed as an  
25 attachment to my pre-filed testimony that compares actual and projected

1 fuel cost of net generation for the past ten years. The purpose of this  
2 exhibit is to indicate the accuracy of Gulf's short-term fuel expense  
3 projections. The second exhibit (HRB-3) I am sponsoring as part of this  
4 testimony is Gulf Power Company's Hedging Information Report filed with  
5 the Commission Clerk on April 5, 2013 and assigned Document Number  
6 DN 01760-13 (redacted) and 01725-13 (confidential information). This  
7 exhibit details Gulf Power's natural gas hedging transactions for August  
8 through December 2012 in compliance with Order No. PSC-08-0316-PAA-  
9 EI. The third exhibit (HRB-4) I am sponsoring as part of this testimony is  
10 Gulf Power Company's Hedging Information Report filed with the  
11 Commission Clerk on August 16, 2013 and assigned Document Number  
12 DN 04800-13 (redacted) and 04813-13 (confidential information). This  
13 exhibit details Gulf Power's natural gas hedging transactions for January  
14 through July 2013 in compliance with Order No. PSC-08-0316-PAA-EI.  
15 The fourth exhibit (HRB-5) I am sponsoring is Gulf Power Company's  
16 "Risk Management Plan for Fuel Procurement." This exhibit was filed with  
17 the Commission Clerk pursuant to a separate request for confidential  
18 classification on August 2, 2013 and assigned Document Number DN  
19 04484-13 (redacted) and 04462-13 (confidential information). The risk  
20 management plan sets forth Gulf Power's fuel procurement strategy and  
21 related hedging plan for the upcoming calendar year. Through its petition  
22 in this docket, Gulf Power is seeking the Commission's approval of the  
23 Company's "Risk Management Plan for Fuel Procurement" as part of this  
24 proceeding.



1 Counsel: We ask that Mr. Ball's four exhibits as just described be  
2 marked for identification as Exhibit Nos. \_\_\_\_\_ (HRB-2), \_\_\_\_\_  
3 (HRB-3), \_\_\_\_\_ (HRB-4), and \_\_\_\_\_ (HRB-5) respectively.  
4

5 Q. Has Gulf Power Company made any significant changes to its methods for  
6 projecting fuel expenses, net power transaction expense, and purchased  
7 power capacity costs for this period?

8 A. No. Gulf has been consistent in how it projects annual fuel expenses, net  
9 power transactions, and capacity costs.  
10

11 Q. What is Gulf's projected recoverable total fuel and net power transactions  
12 cost for the January 2014 through December 2014 recovery period?

13 A. Gulf's projected total fuel and net power transaction cost for the period is  
14 \$460,454,834. This projected amount is captured in the exhibit to Witness  
15 Dodd's testimony, Schedule E-1, line 19.  
16

17 Q. How does the total projected fuel and net power transactions cost for the  
18 2014 period compare to the updated projection of fuel cost for the same  
19 period in 2013?

20 A. The total updated cost of fuel and net power transactions for 2013,  
21 reflected on Schedule E-1B-1 line 21 of Witness Dodd's testimony filed in  
22 this docket on August 2, 2013, is projected to be \$484,762,325. The  
23 projected total cost of fuel and net power transactions for the 2014 period  
24 reflects a decrease of \$24,307,491 or 5.01% less than the same period in  
25 2013. On a fuel cost per kWh basis, the 2013 projected cost is 4.0757

1 cents per kWh and the 2014 projected fuel cost is 3.7681 cents per kWh,  
2 a decrease of 0.3076 cents per kWh or 7.55%.

3  
4 Q. What is Gulf's projected recoverable total fuel cost of generated power for  
5 the period?

6 A. The projected total cost of fuel to meet system generated power needs in  
7 2014 is \$358,926,706. The projection of fuel cost of system generated  
8 power for 2014 is captured in the exhibit to Witness Dodd's testimony,  
9 Schedule E-1, line 5.

10  
11 Q. How does the projected total fuel cost of generated power for the 2014  
12 period compare to the updated projection of fuel cost for the same period  
13 in 2013?

14 A. The total updated cost of fuel to meet 2013 system generated power  
15 needs, reflected on Schedule E-1B-1, line 6 of Witness Dodd's testimony  
16 filed in this docket on August 2, 2013, is projected to be \$377,089,060.  
17 The projected total cost of fuel to meet system net generation needs for  
18 the 2014 period reflects a decrease of \$18,162,354 or 4.82% less than the  
19 same period in 2013. Total system net generation in 2014 is projected to  
20 be 8,933,268,000 kWh, which is 252,473,000 kWh or 2.91% higher than is  
21 currently projected for 2013. On a fuel cost per kWh basis, the 2013  
22 projected cost is 4.3439 cents per kWh and the 2014 projected fuel cost is  
23 4.0179 cents per kWh, a decrease of 0.3260 cents per kWh or 7.50%.  
24 This lower projected total fuel expense and average per unit fuel cost is  
25 the result of a lower projected cost of coal and natural gas for the period.

1 Weighted average coal burned price for 2013 as reflected on Schedule E-  
2 3, line 29 of Witness Dodd's testimony filed in this docket on August 2,  
3 2013, is projected to be 104.54 \$/ton. Weighted average coal burned  
4 price for 2014, as reflected on Schedule E-3, line 29 of the exhibit to  
5 Witness Dodd's testimony, is projected to be 95.02 \$/ton. This reflects a  
6 cost decrease of 9.52 \$/ton or 9.11%. Several of Gulf's coal supply  
7 contracts have or will expire by the end of 2013 and these are being  
8 replaced with lower priced coal supply agreements. Gulf's coal supply  
9 agreements have firm price and quantity commitments with the contract  
10 coal suppliers and these contracts will cover the majority of Gulf's 2014  
11 projected coal burn needs. The remaining coal supply needs, if any, will  
12 be purchased on the spot market. Weighted average natural gas price for  
13 2013, as reflected on Schedule E-3, line 33 of the exhibit to Witness  
14 Dodd's testimony filed in this docket on August 2, 2013, is projected to be  
15 4.73 \$/MMBtu. When the cost of natural gas hedging settlements  
16 (Schedule E-1-B1, line 1a) is included in the total delivered gas cost, the  
17 2013 projected cost is 5.09 \$/MMBtu. Weighted average natural gas price  
18 for 2014, as reflected on Schedule E-3, line 33 of the exhibit to Witness  
19 Dodd's testimony, is projected to be 4.74 \$/MMBtu. This is a decrease in  
20 price of 0.35 \$/MMBtu or 6.88%. The projected cost of landfill gas to  
21 supply the Perdido Landfill Gas to Energy Facility in the 2013 projection  
22 period is \$689,900 and the rate as reflected on Schedule E-3, line 42 of  
23 the exhibit to Witness Dodd's testimony filed in this docket on August 2,  
24 2013, is projected to be 2.80 cents per kWh. The total projected cost for  
25 landfill gas in 2014 is \$680,294 and the total facility generation is projected

1 to be 24,720,000 kWh. The average rate, as reflected on Schedule E-3,  
2 line 42 of the exhibit to Witness Dodd's testimony, is projected to be 2.75  
3 cents per kWh.  
4

5 Q. Does the 2014 projection of fuel cost of net generation reflect any major  
6 changes in Gulf's fuel procurement program for this period?

7 A. No. As in the past, Gulf's coal requirements are purchased in the market  
8 through the Request for Proposal (RFP) process that has been used for  
9 many years by Southern Company Services - Fuel Services as agent for  
10 Gulf. Coal will be delivered under both existing and new negotiated coal  
11 transportation contracts. Natural gas requirements will be purchased from  
12 various suppliers using firm quantity agreements with market pricing for  
13 base needs and on the daily spot market when necessary. Natural gas  
14 transportation will be secured using a combination of firm and spot  
15 transportation agreements. Details of Gulf's fuel procurement strategy are  
16 included in the "Risk Management Plan for Fuel Procurement" filed as  
17 exhibit \_\_\_\_\_ (HRB-5) to this testimony.  
18

19 Q. What actions does Gulf take to procure natural gas and natural gas  
20 transportation for its units at competitive prices for both long-term and  
21 short-term deliveries?

22 A. Gulf procures natural gas using both long and short-term agreements for  
23 gas supply at market-based prices. Gulf secures gas transportation for  
24 non-peaking units using long-term agreements for firm transportation  
25

1 capacity and for peaking units using interruptible transportation, released  
2 seasonal firm transportation, or delivered natural gas agreements.

3  
4 Q. What fuel price hedging programs will be utilized by Gulf to protect its  
5 customers from fuel price volatility?

6 A. As detailed in Gulf's "Risk Management Plan for Fuel Procurement,"  
7 natural gas prices will be hedged financially using instruments that  
8 conform to Gulf's established guidelines for hedging activity. Coal supply  
9 and transportation prices will be hedged physically using term agreements  
10 with either fixed pricing or term pricing with escalation terms tied to various  
11 published market price indexes. Gulf's "Risk Management Plan for Fuel  
12 Procurement" is a reasonable and appropriate strategy for protecting its  
13 customers from fuel price volatility while maintaining a reliable supply of  
14 fuel for the operation of its electric generating resources.

15  
16 Q. What are the results of Gulf's fuel price hedging program for the period  
17 January 2013 through July 2013?

18 A. Gulf's coal price hedging program has successfully managed the price it  
19 pays for coal under its coal supply agreements for this period. Gulf has  
20 also had financial hedges in place during the period to hedge the price of  
21 natural gas. These financial hedges have been effective in fixing the price  
22 of a percentage of Gulf's gas burn during the period. Pursuant to Order  
23 No. PSC-08-0316-PAA-EI, Gulf filed a "Hedging Information Report" with  
24 the Commission on April 5, 2013 and also on August 16, 2013 detailing its  
25 natural gas hedging transactions for August 2012 through July 2013. As

1 noted earlier, I am sponsoring these reports as exhibits \_\_\_\_\_ (HRB-3  
2 and HRB-4) to my testimony in this docket.  
3

4 Q. Has Gulf adequately mitigated the price risk of natural gas and purchased  
5 power for 2013 through 2014?

6 A. Gulf has natural gas financial hedges in place for 2013 to adequately  
7 mitigate price risk. Gulf currently has natural gas hedges in place for 2014  
8 and continues to look for opportunities to enter into financial hedges that  
9 we believe will provide price stability to the customer and protect against  
10 unanticipated dramatic price increases in the natural gas market.  
11

12 Q. Should recent changes in the market price for natural gas impact the  
13 percentage of Gulf's natural gas requirements that Gulf plans to hedge?

14 A. Gulf has a disciplined process in place to evaluate the benefits of gas  
15 hedging transactions prior to entering into financial hedges that consider  
16 both market price and anticipated burn. The focus of this process is to  
17 mitigate the price volatility and risk of natural gas purchases for the  
18 customer and not to attempt to speculate in the natural gas market. Gulf's  
19 current strategy is to have gas hedges in place that do not exceed the  
20 anticipated gas burn at its Smith Unit 3 combined cycle plant and the gas  
21 fired PPA units for which Gulf has tolling agreements. Gas burn  
22 requirements change as the market price of natural gas changes due to  
23 the economic dispatch process utilized by the Southern System  
24 generation pool in accordance with the IIC. Typically, as gas prices  
25 increase, anticipated gas burn decreases and the percentage of gas

1 requirements that are currently hedged financially increases. Gulf will  
2 continue to evaluate the performance of this hedging strategy and will  
3 make adjustments within the guidelines of the currently approved hedging  
4 program when needed.  
5

6 Q. What are Gulf's projected recoverable fuel cost and gains on power sales  
7 for the period?

8 A. Gulf's projected recoverable fuel cost and gains on power sales is  
9 \$72,244,995. This projected amount is captured in the exhibit to Witness  
10 Dodd's testimony, Schedule E-1, line 17.  
11

12 Q. How does the total projected recoverable fuel cost and gains on power  
13 sales for the 2014 period compare to the projected recoverable fuel cost  
14 and gains on power sales for the same period in 2013?

15 A. The total updated recoverable fuel cost and gains on power sales in 2013,  
16 reflected on Schedule E-1B-1, line 18 of Witness Dodd's testimony filed in  
17 this docket on August 2, 2013, is projected to be \$105,548,180. The  
18 projected recoverable fuel cost and gains on power sales in 2014  
19 represents a decreased credit of \$33,303,185 or 31.55%. Total quantity of  
20 power sales in 2014 is projected to be 2,183,462,000 kWh, which is  
21 1,807,974,927 kWh or 45.30% less than currently projected for 2013. On  
22 a fuel cost per kWh basis, the 2013 projected cost is 2.6444 cents per  
23 kWh and the 2014 projected fuel cost is 3.3087 cents per kWh, which is  
24 an increase of 0.6643 cents per kWh or 25.12%. The lower total credit to  
25 fuel expense from power sales is attributed to a reduced quantity of

1 energy sales for the period offset somewhat by a higher fuel  
2 reimbursement rate (cents per kWh) for power sales as a result of higher  
3 marginal fuel prices for the units operating to meet incremental system  
4 loads. The marginal fuel costs to operate Gulf generating units that run to  
5 meet power sales requirements are passed on to the purchasers of power  
6 and are reflected in the higher rate (cents/kWh) for the fuel cost and gains  
7 on power sales.  
8

9 Q. What is Gulf's projected total cost of purchased power for the period?

10 A. Gulf's projected recoverable cost for energy purchases is \$173,773,123.  
11 This projected amount is captured in the exhibit to Witness Dodd's  
12 testimony, Schedule E-1, line 12.

13  
14 Q. How does the total projected purchased power cost for the 2014 period  
15 compare to the projected purchased power cost for the same period in  
16 2013?

17 A. The total updated cost of purchased power to meet 2013 system needs,  
18 reflected on Schedule E-1B-1, line 13 of Witness Dodd's testimony filed in  
19 this docket on August 2, 2013, is projected to be \$213,221,445. The  
20 projected cost of purchased power to meet system needs in 2014 is  
21 \$39,448,322 or 18.50% less than is currently projected for 2013. The total  
22 quantity of purchased power in 2014 is projected to be 5,470,006,000  
23 kWh, which is 1,734,502,558 kWh or 24.08% lower than is currently  
24 projected for 2013. On a fuel cost per kWh basis, the 2013 projected cost  
25



1 is 2.9596 cents per kWh and the 2014 projected fuel cost is 3.1768 cents  
2 per kWh, which represents an increase of 0.2172 cents per kWh or 7.34%.

3  
4 Q. What is Gulf's projected recoverable capacity payments for the 2014 cost  
5 recovery period?

6 A. The total recoverable capacity payments for the period are \$64,075,540.  
7 This amount is captured in the exhibit to Witness Dodd's testimony,  
8 Schedule CCE-1, line 10. Schedule CCE-4 of Mr. Dodd's testimony  
9 shows there will be no projected cost associated with Southern  
10 Intercompany Interchange and lists the long-term purchased power  
11 contracts that are included for capacity cost recovery, their associated  
12 capacity amounts in megawatts, and the resulting cost. Also included in  
13 Gulf's 2014 projection of capacity cost is revenue produced by a market-  
14 based service agreement between the Southern electric system operating  
15 companies and South Carolina PSA. The total capacity cost of  
16 \$63,882,932 is shown on Schedule CCE-4, line 34 in the exhibit to  
17 Witness Dodd's testimony. The total capacity cost included on Schedule  
18 CCE-4 line 34 is the sum of lines 1 and 2 of Schedule CCE-1.

19  
20 Q. Have there been any new purchased power agreements entered into by  
21 Gulf that impact the total recoverable capacity payments?

22 A. No, however, two existing PPA agreements (Shell's Coral Baconton, and  
23 Southern Power's Dahlberg) will expire on May 31, 2014 and the  
24 associated capacity payments have been removed from the projection.

1 Q. What are the other projected revenues that Gulf has included in its  
2 capacity cost recovery clause for the period?

3 A. Gulf has included an estimate of transmission revenues in the amount of  
4 \$148,000 in its capacity cost recovery projection. This amount is captured  
5 in the exhibit to Witness Dodd's testimony, Schedule CCE-1, line 3.  
6

7 Q. How do the total projected net jurisdictional capacity payments for the  
8 2014 period compare to the current estimated net jurisdictional capacity  
9 payments for the same period in 2013?

10 A. Gulf's 2014 Projected Jurisdictional Capacity Payments, found in the  
11 exhibit to Witness Dodd's testimony, Schedule CCE-1, line 6, are  
12 \$61,868,429. This amount is \$17,477,147 or 39.37% greater than the  
13 current estimate of \$44,391,282 (Schedule CCE-1B, line 6) for 2013 that  
14 was filed in Mr. Dodd's actual/estimated true-up testimony in this docket  
15 on August 2, 2013. The projected capacity payment increase is the result  
16 of an increase in Gulf's estimated PPA capacity payments. Contract  
17 capacity payments under Gulf's Central Alabama PPA will increase  
18 beginning in June 2014 due primarily to a scheduled increase in the  
19 capacity rate which was negotiated by Gulf and Shell Energy N.A. as part  
20 of the original contract approved by the Commission in Order No. PSC-09-  
21 0534-PAA-EI. This increase is offset by a decrease in capacity payments  
22 under both the Coral Baconton and Dahlberg PPA agreements which  
23 expire on May 31, 2014.  
24  
25

1 Q. Mr. Ball, does this complete your testimony?

2 A. Yes, it does.

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AFFIDAVIT


STATE OF FLORIDA     )  
                                  )  
COUNTY OF ESCAMBIA )

Docket No. 130001-EI

Before me, the undersigned authority, personally appeared Herbert R. Ball, who being first duly sworn, deposes and says that he is the Fuel Services Manager of 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.

  
\_\_\_\_\_  
Herbert R. Ball  
Fuel Services Manager

Sworn to and subscribed before me this 27<sup>th</sup> day of August, 2013.

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



MELISSA A. DARNES  
MY COMMISSION # EE 150873  
EXPIRES: December 17, 2015  
Bonded Thru Budget Notary Services

**Schedule 1**

**GULF POWER COMPANY  
PROJECTED VS. ACTUAL FUEL COST OF SYSTEM NET GENERATION**

	<u>Cents / KWH Fuel Cost</u>		
<u>Period Ending</u>	<u>Projected</u> <sup>(1)</sup>	<u>Actual</u> <sup>(1)</sup>	<u>% Difference</u> <sup>(1)</sup>
December 2003	1.9639	2.1133	7.61
December 2004	2.0936	2.3270	11.15
December 2005	2.6566	2.8817	8.47
December 2006	2.9215	3.0902	5.77
December 2007	3.3156	3.2959	(0.59)
December 2008	3.7567	4.2044	11.92
December 2009	4.5498	4.2774	(5.99)
December 2010	4.9626	4.8818	1.66
December 2011	4.7917	4.7259	1.37
December 2012	4.2617	3.9806	(0.28)
December 2013	4.2729 <sup>(2)</sup>		
December 2014	4.0181 <sup>(3)</sup>		

(1) Line No. 1 from FPSC Schedule A-1, December, Period To Date

(2) Line No. 1 from FPSC Schedule E-1B-1, 2013 Actual / Estimated True-Up

(3) Line No. 1 from FPSC Schedule E-1, 2014 Projection Filing

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

**FUEL AND PURCHASED POWER COST  
RECOVERY CLAUSE**

**Docket No. 130001-EI**

**PREPARED DIRECT TESTIMONY  
AND EXHIBITS OF**

**RICHARD W. DODD**

**PROJECTION FILING FOR THE PERIOD**

**JANUARY 2014 – DECEMBER 2014**

**AUGUST 30, 2013**



**A SOUTHERN COMPANY**

1 GULF POWER COMPANY

2 Before the Florida Public Service Commission  
3 Prepared Direct Testimony and Exhibit of  
4 Richard W. Dodd  
5 Docket No. 130001-EI  
6 Date of Filing: August 30, 2013

7 Q. Please state your name, business address and occupation.

8 A. My name is Richard Dodd. My business address is One Energy Place,  
9 Pensacola, Florida 32520-0780. I am the Supervisor of Regulatory and Cost  
10 Recovery at Gulf Power Company.

11 Q. Please briefly describe your educational background and business experience.

12 A. I graduated from the University of West Florida in Pensacola, Florida in 1991 with  
13 a Bachelor of Arts Degree in Accounting. I also received a Bachelor of Science  
14 Degree in Finance in 1998 from the University of West Florida. I joined Gulf  
15 Power in 1987 as a Co-op Accountant and worked in various areas until I joined  
16 the Rates and Regulatory Matters area in 1990. After spending one year in the  
17 Financial Planning area, I transferred to Georgia Power Company in 1994 where I  
18 worked in the Regulatory Accounting department and in 1997 I transferred to  
19 Mississippi Power Company where I worked in the Rate and Regulation Planning  
20 department for six years followed by one year in Financial Planning. In 2004 I  
21 returned to Gulf Power Company working in the General Accounting area as  
22 Internal Controls Coordinator.

23  
24 In 2007 I was promoted to Internal Controls Supervisor and in July 2008, I  
25 assumed my current position in the Regulatory and Cost Recovery area.

1 My responsibilities include supervision of tariff administration, calculation  
2 of cost recovery factors, and the regulatory filing function of the Regulatory  
3 and Cost Recovery Department.  
4

5 Q. Have you previously filed testimony before this Commission in this on-  
6 going docket?

7 A. Yes.  
8

9 Q. What is the purpose of your testimony?

10 A. The purpose of my testimony is to discuss the calculation of Gulf Power's  
11 fuel cost recovery factors for the period January 2014 through December  
12 2014. I will also discuss the calculation of the purchased power capacity  
13 cost recovery factors for the period January 2014 through December  
14 2014.  
15

16 Q. Have you prepared any exhibits that contain information to which you will  
17 refer in your testimony?

18 A. Yes. I have one exhibit consisting of 15 schedules, each of which was  
19 prepared under my direction, supervision, or review.

20 Counsel: We ask that Mr. Dodd's exhibit  
21 consisting of 15 schedules,  
22 be marked as Exhibit No. \_\_\_\_\_(RWD-3)  
23  
24  
25



1 Q. Mr. Dodd, what is the levelized projected fuel factor for the period January  
2 2014 through December 2014?

3 A. Gulf has proposed a levelized fuel factor of 4.169¢/kWh. This factor is  
4 based on projected fuel and purchased power energy expenses for  
5 January 2014 through December 2014 and projected kWh sales for the  
6 same period, and includes the true-up and GPIF amounts.

7

8 Q. How does the levelized fuel factor for the projection period compare with  
9 the levelized fuel factor for the current period?

10 A. The projected levelized fuel factor for 2014 is 0.366¢/kWh more or 9.6  
11 percent higher than the levelized fuel factor in place January through  
12 December 2013.

13

14 Q. Please explain the calculation of the fuel and purchased power expense  
15 true-up amount included in the levelized fuel factor for the period January  
16 2014 through December 2014.

17 A. As shown on Schedule E-1A of my exhibit, the true-up amount of  
18 \$15,998,761 to be collected during 2014 includes an estimated under-  
19 recovery for the January through December 2013 period of \$6,665,066  
20 plus a final under-recovery for the period January through December 2012  
21 of \$9,333,695. The estimated over-recovery for the January through  
22 December 2013 period includes 6 months of actual data and 6 months of  
23 estimated data as reflected on Schedule E-1B.

24

25

1 Q. What has been included in this filing to reflect the GPIF reward/penalty for  
2 the period of January 2012 through December 2012?

3 A. The GPIF result is shown on Line 31 of Schedule E-1 as an increase of  
4 0.0149¢/kWh to the levelized fuel factor, thereby rewarding Gulf  
5 \$1,662,342.  
6

7 Q. What is the appropriate revenue tax factor to be applied in calculating the  
8 levelized fuel factor?

9 A. A revenue tax factor of 1.00072 has been applied to all jurisdictional fuel  
10 costs as shown on Line 29 of Schedule E-1.  
11

12 Q. Mr. Dodd, how were the line loss multipliers used on Schedule E-1E  
13 calculated?

14 A. The line loss multipliers were calculated in accordance with procedures  
15 approved in prior filings and were based on Gulf's latest MWh Load Flow  
16 Allocators.  
17

18 Q. Mr. Dodd, what fuel factor does Gulf propose for its largest group of  
19 customers (Group A), those on Rate Schedules RS, GS, GSD, and OSIII?

20 A. Gulf proposes a standard fuel factor, adjusted for line losses, of  
21 4.201¢/kWh for Group A. Fuel factors for Groups A, B, C, and D are  
22 shown on Schedule E-1E. These factors have all been adjusted for line  
23 losses.  
24  
25

1 Q. Mr. Dodd, how were the time-of-use fuel factors calculated?

2 A. The time-of-use fuel factors were calculated based on projected loads and  
3 system lambdas for the period January 2014 through December 2014.

4 These factors included the GPIF and true-up and were adjusted for line  
5 losses. These time-of-use fuel factors are also shown on Schedule E-1E.

6

7 Q. How does the proposed fuel factor for Rate Schedule RS compare with  
8 the factor applicable to December 2012 and how would the change affect  
9 the cost of 1,000 kWh on Gulf's residential rate RS?

10 A. The current fuel factor for Rate Schedule RS applicable through  
11 December 2013 is 3.832¢/kWh compared with the proposed factor of  
12 4.201¢/kWh. For a residential customer who uses 1,000 kWh in January  
13 2014, the fuel portion of the bill would increase from \$38.32 to \$42.01.

14

15 Q. Has Gulf updated its estimates of the as-available avoided energy costs to  
16 be shown on COG1 as required by Order No. 13247 issued May 1, 1984,  
17 in Docket No. 830377-EI and Order No. 19548 issued June 21, 1988, in  
18 Docket No. 880001-EI?

19 A. Yes. A tabulation of these costs is set forth in Schedule E-11 of my  
20 exhibit. These costs represent the estimated averages for the period from  
21 January 2014 through December 2014.

22

23

24

25

1 Q. What amount have you calculated to be the appropriate benchmark level  
2 for calendar year 2014 gains on non-separated wholesale energy sales  
3 eligible for a shareholder incentive?

4 A. In accordance with Order No. PSC-00-1744-AAA-EI, a benchmark level of  
5 \$462,977 has been calculated for 2013 as follows:

6	2011 actual gains	463,514
7	2012 actual gains	519,586
8	2013 estimated gains	<u>405,832</u>
9	Three-Year Average	<u>\$462,977</u>

10

11 This amount represents the minimum projected threshold for 2014 that  
12 must be achieved before shareholders may receive any incentive. As  
13 demonstrated on Schedule E-6, page 2 of 2, Gulf's projection reflects a  
14 credit to customers of 100 percent of the gains on non-separated sales for  
15 2014 for the months of January through August and 80 percent once the  
16 threshold is met in September.

17

18 Q. You stated earlier that you are responsible for the calculation of the  
19 purchased power capacity cost (PPCC) recovery factors. Which  
20 schedules of your exhibit relate to the calculation of these factors?

21 A. Schedule CCE-1, including CCE-1A and CCE-1B, Schedule CCE-2, and  
22 Schedule CCE-4 for 2013 of my exhibit RWD-3 relate to the calculation of  
23 the PPCC recovery factors for the period January 2014 through December  
24 2014.

25

1 Q. Please describe Schedule CCE-1 of your exhibit.

2 A. Schedule CCE-1 shows the calculation of the amount of capacity  
3 payments to be recovered through the PPCC Recovery Clause. Mr. Ball  
4 has provided me with Gulf's projected purchased power capacity  
5 transactions. Gulf's total projected net capacity expense, which includes a  
6 credit for transmission revenue, for the period January 2014 through  
7 December 2014, is \$63,734,932. The jurisdictional amount is  
8 \$61,868,4298. This amount is added to the total true-up amount to  
9 determine the total purchased power capacity transactions that would be  
10 recovered in the period.

11

12 Q. What methodology was used to allocate the capacity payments by rate  
13 class?

14 A. As required by Commission Order No. 25773 in Docket No. 910794-EQ,  
15 the revenue requirements have been allocated using the cost of service  
16 methodology used in Gulf's last rate case and approved by the  
17 Commission in Order No. PSC-12-0179-FOF-EI issued April 3, 2012, in  
18 Docket No. 110138-EI. For purposes of the PPCC Recovery Clause, Gulf  
19 has allocated the net purchased power capacity costs by rate class with  
20 12/13th on demand and 1/13th on energy. This allocation is consistent  
21 with the treatment accorded to production plant in the cost of service study  
22 used in Gulf's last rate case.

23

24

25

1 Q. How were the allocation factors calculated for use in the PPCC Recovery  
2 Clause?

3 A. The allocation factors used in the PPCC Recovery Clause have been  
4 calculated using the 2012 load data filed with the Commission in  
5 accordance with FPSC Rule 25-6.0437. The calculations of the allocation  
6 factors are shown in columns A through I on page 1 of Schedule CCE-2.

7

8 Q. Please describe the calculation of the ¢/kWh factors by rate class used to  
9 recover purchased power capacity costs.

10 A. As shown in columns A through D on page 2 of Schedule CCE-2, 12/13th  
11 of the jurisdictional capacity cost to be recovered is allocated by rate class  
12 based on the demand allocator. The remaining 1/13th is allocated based  
13 on energy. The total revenue requirement assigned to each rate class  
14 shown in column E is then divided by that class's projected kWh sales for  
15 the twelve-month period to calculate the PPCC recovery factor. This  
16 factor would be applied to each customer's total kWh to calculate the  
17 amount to be billed each month.

18

19 Q. What is the amount related to purchased power capacity costs recovered  
20 through this factor that will be included on a residential customer's bill for  
21 1,000 kWh?

22 A. The purchased power capacity costs recovered through the clause for a  
23 residential customer who uses 1,000 kWh will be \$6.80.

24

25

1 Q. When does Gulf propose to collect these new fuel charges and purchased  
2 power capacity charges?

3 A. The fuel and capacity factors will be effective beginning with Cycle 1  
4 billings in January 2014 and continuing through the last billing cycle of  
5 December 2014.

6

7 Q. Mr. Dodd, does this conclude your testimony?

8 A. Yes.

9

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AFFIDAVIT

STATE OF FLORIDA     )  
                                  )  
COUNTY OF ESCAMBIA )

Docket No. 130001-EI

Before me, the undersigned authority, personally appeared Richard W. Dodd, who being first duly sworn, deposes and says that he is the Supervisor of Regulatory and Cost Recovery of 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.



Richard W. Dodd  
Supervisor of Regulatory and Cost Recovery

Sworn to and subscribed before me this 27<sup>th</sup> day of August, 2013.



Notary Public, State of Florida at Large



MELISSA A. DARNES  
MY COMMISSION # EE 150873  
EXPIRES: December 17, 2015  
Bonded Thru Budget Notary Services



**SCHEDULE E-1**

**FUEL AND PURCHASED POWER  
 COST RECOVERY CLAUSE CALCULATION  
 GULF POWER COMPANY  
 PROPOSED FOR THE PERIOD: JANUARY 2014 - DECEMBER 2014**

Line			(a) \$	(b) kWh	(c) ¢ / kWh
1	Fuel Cost of System Net Generation	E-3	355,672,030	8,851,840,000	4.0181
2	Coal Car Investment				
3	Other Generation	E-3	3,254,676	81,428,000	3.9970
4	Hedging Settlement	E-2			
5	<b>Total Cost of Generated Power</b>	(Line 1 - 4)	<u>358,926,706</u>	<u>8,933,268,000</u>	<u>4.0179</u>
6	Fuel Cost of Purchased Power (Exclusive of Economy)	E-7			
7	Energy Cost of Schedule C & X Econ. Purch.	E-9			
8	Energy Cost of Other Econ. Purch. (Nonbroker)	E-9	173,773,123	5,470,006,000	3.1768
9	Energy Cost of Schedule E Economy Purch.	E-9			
10	Capacity Cost of Schedule E Economy Purchases	E-2			
11	Energy Payments to Qualifying Facilities	E-8			
12	<b>Total Cost of Purchased Power</b>	(Line 6 - 11)	<u>173,773,123</u>	<u>5,470,006,000</u>	<u>3.1768</u>
13	<b>Total Available kWh</b>	(Line 5 + 12)		<u>14,403,274,000</u>	
14	Fuel Cost of Economy Sales	E-6	(2,432,000)	(75,070,000)	3.2396
15	Gain on Economy Sales	E-6	(594,995)	0	N/A
16	Fuel Cost of Other Power Sales	E-6	(69,218,000)	(2,108,392,000)	3.2830
17	<b>Total Fuel Cost &amp; Gains on Power Sales</b>	(Line 14 - 16)	<u>(72,244,995)</u>	<u>(2,183,462,000)</u>	<u>3.3087</u>
18	Net Inadvertant Interchange				
19	<b>Total Fuel &amp; Net Power Trans.</b>	(Line 5+12+17+18)	<u>460,454,834</u>	<u>12,219,812,000</u>	<u>3.7681</u>
20	Net Unbilled Sales *				
21	Company Use *		808,446	21,455,000	3.7681
22	T & D Losses *		26,114,139	693,032,000	3.7681
23	<b>System kWh Sales</b>		460,454,834	11,505,325,000	4.0021
24	Wholesale kWh Sales		14,049,252	351,047,000	4.0021
25	Jurisdictional kWh Sales		446,405,582	11,154,278,000	4.0021
25a	Jurisdictional Line Loss Multiplier		1.0015		1.0015
26	Jurisdictional kWh Sales Adjusted for Line Losses		447,075,190	11,154,278,000	4.0081
27	<b>True-Up **</b>		15,998,761	11,154,278,000	0.1434
28	<b>Total Jurisdictional Fuel Cost</b>		<u>463,073,951</u>	<u>11,154,278,000</u>	<u>4.1515</u>
29	Revenue Tax Factor				1.00072
30	Fuel Factor Adjusted For Revenue Taxes		463,407,364	11,154,278,000	4.1545
31	GPIF Reward/(Penalty) **		1,662,342	11,154,278,000	0.0149
32	Fuel Factor Adjusted for GPIF		465,069,706	11,154,278,000	4.1694
33	<b>Fuel Factor Rounded to Nearest .001(¢ / kWh)</b>				<b>4.169</b>

\*For informational purposes only

\*\* Calculation Based on Jurisdictional kWh Sales

**SCHEDULE E-1A**

**FUEL COST RECOVERY CLAUSE  
CALCULATION OF TRUE-UP  
GULF POWER COMPANY  
TO BE INCLUDED IN THE PERIOD: JANUARY 2014 - DECEMBER 2014**

1.	Estimated over/(under)-recovery, January 2013 - December 2013 (Sch. E-1B, page 2, line C9)	(\$6,665,066)
2.	Final over/(under)-recovery, January 2012 - December 2012 (Exhibit RWD-1, Schedule 1, Line 3)	(\$9,333,695)
3.	Total over/(under)-recovery (Lines 1 + 2) To be included in January 2014 - December 2014 (Schedule E1, Line 27)	<u>(15,998,761)</u>
4.	Jurisdictional kWh sales For the period: January 2014 - December 2014	<u>11,154,278,000</u>
5.	True-up Factor (Line 3 / Line 4) x 100 (¢ / kWh)	<u><u>0.1434</u></u>

**CALCULATION OF ESTIMATED TRUE-UP  
GULF POWER COMPANY  
ACTUAL FOR THE PERIOD JANUARY 2013 - JUNE 2013 / ESTIMATED FOR JULY 2013 - DECEMBER 2013**

	JANUARY ACTUAL	FEBRUARY ACTUAL	MARCH ACTUAL	APRIL ACTUAL	MAY ACTUAL	JUNE ACTUAL	TOTAL SIX MONTHS
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
<b>A</b> 1 Fuel Cost of System Generation	23,612,216.88	21,601,356.61	24,302,567.18	27,852,455.30	26,252,165.97	40,413,751.45	\$164,034,513.39
1a Fuel Cost of Hedging Settlement	2,013,400.00	2,166,655.00	793,231.00	403,524.00	493,084.00	916,010.00	\$6,785,904.00
2 Fuel Cost of Power Sold	(8,475,749.46)	(10,067,800.03)	(8,847,411.42)	(4,579,035.77)	(5,374,663.85)	(8,298,519.65)	(\$45,643,180.18)
3 Fuel Cost of Purchased Power	16,459,115.59	16,261,329.94	18,166,866.50	11,459,751.39	16,278,229.43	17,619,494.27	\$96,244,787.12
3a Demand & Non-Fuel Cost Of Purchased Power	0.00	0.00	0.00	0.00	0.00	0.00	\$0.00
3b Energy Payments to Qualified Facilities	628,657.17	744,198.26	940,575.93	996,575.97	895,426.55	851,224.12	\$5,056,658.00
4 Energy Cost of Economy Purchases	0.00	0.00	0.00	0.00	0.00	0.00	\$0.00
5 Other Generation	183,550.37	199,409.00	221,861.59	217,561.76	215,342.86	223,621.47	\$1,261,347.05
6 Adjustments to Fuel Cost *	6,952.10	79,735.13	13,168.04	16,269.98	(9,788.63)	15,967.75	\$122,304.37
7 <b>TOTAL FUEL &amp; NET POWER TRANSACTIONS</b> (Sum of Lines A1 Thru A6)	<b>34,428,142.65</b>	<b>30,984,883.91</b>	<b>35,590,858.82</b>	<b>36,367,102.63</b>	<b>\$38,749,796.33</b>	<b>\$51,741,549.41</b>	<b>\$227,862,333.75</b>
<b>B</b> 1 Jurisdictional KWH Sales	778,963,209	705,542,522	793,160,952	730,244,171	883,344,861	1,078,668,799	4,969,924,514
2 Non-Jurisdictional KWH Sales	24,917,444	22,515,414	24,361,046	21,950,706	25,381,308	29,535,698	148,661,616
3 <b>TOTAL SALES (Lines B1 + B2)</b>	<b>803,880,653</b>	<b>728,057,936</b>	<b>817,521,998</b>	<b>752,194,877</b>	<b>908,726,169</b>	<b>1,108,204,497</b>	<b>5,118,586,130</b>
4 Jurisdictional % Of Total Sales (Line B1/B3)	<u>96.9004%</u>	<u>96.9075%</u>	<u>97.0201%</u>	<u>97.0818%</u>	<u>97.2069%</u>	<u>97.3348%</u>	
<b>C</b> 1 Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes) (1)	29,539,374.46	26,749,927.96	30,090,473.26	27,703,808.92	33,545,795.79	40,974,608.87	\$188,603,989.26
2 True-Up Provision	2,202,118.00	2,202,118.00	2,202,118.00	2,202,118.00	2,202,118.00	2,202,118.00	\$13,212,708.00
2a Incentive Provision	(86,659.00)	(86,659.00)	(86,659.00)	(86,659.00)	(86,659.00)	(86,659.00)	(\$519,954.00)
3 <b>FUEL REVENUE APPLICABLE TO PERIOD</b> (Sum of Lines C1 Thru C2a)	<b>\$31,654,833.46</b>	<b>\$28,865,386.96</b>	<b>\$32,205,932.26</b>	<b>\$29,819,267.92</b>	<b>\$35,661,254.79</b>	<b>\$43,090,067.87</b>	<b>\$201,296,743.26</b>
4 Fuel & Net Power Transactions (Line A7)	34,428,142.65	30,984,883.91	35,590,858.82	36,367,102.63	38,749,796.33	51,741,549.41	\$227,862,333.75
5 Jurisdictional Fuel Cost Adj. for Line Losses (Line A7 x Line B4 x 1.0015)	33,411,049.45	30,071,716.39	34,582,082.25	35,358,796.60	37,723,976.98	50,438,077.44	\$221,585,699.11
6 Over/(Under) Recovery (Line C3-C5)	(1,756,215.99)	(1,206,329.43)	(2,376,149.99)	(5,539,528.68)	(2,062,722.19)	(7,348,009.57)	(\$20,288,955.85)
7 Interest Provision	876.53	902.97	557.82	85.64	(297.67)	(628.17)	\$1,497.12
8 Adjustments (2)	0.00	0.00	0.00	0.00	0.00	0.00	\$0.00
9 <b>TOTAL ESTIMATED TRUE-UP FOR THE PERIOD JANUARY 2013 - JUNE 2013</b>							<b>(\$20,287,458.73)</b>

\* (Gain)/Loss on sales of natural gas and costs of contract dispute litigation.

Note 1: Revenues for July through December based on the current approved 2013 Fuel Factor excluding revenue taxes of: 3.7999

Note 2: Satisfaction of Peabody judgement

CALCULATION OF ESTIMATED TRUE-UP  
GULF POWER COMPANY  
ACTUAL FOR THE PERIOD JANUARY 2013 - JUNE 2013 / ESTIMATED FOR JULY 2013 - DECEMBER 2013

	JULY PROJECTION (a)	AUGUST PROJECTION (a)	SEPTEMBER PROJECTION (c)	OCTOBER PROJECTION (d)	NOVEMBER PROJECTION (e)	DECEMBER PROJECTION (f)	TOTAL PERIOD (g)
<b>A</b> 1 Fuel Cost of System Generation	43,191,597.00	39,519,080.00	38,325,558.00	29,526,224.00	24,020,574.00	28,882,719.00	\$367,500,265.39
1a Fuel Cost of Hedging Settlement	0.00	0.00	0.00	0.00	0.00	0.00	\$6,785,904.00
2 Fuel Cost of Power Sold	(14,656,000.00)	(13,509,000.00)	(7,957,000.00)	(6,605,000.00)	(7,662,000.00)	(9,516,000.00)	(\$105,548,180.18)
3 Fuel Cost of Purchased Power	21,784,000.00	22,937,000.00	16,031,000.00	15,756,000.00	16,659,000.00	18,753,000.00	\$208,164,787.12
3a Demand & Non-Fuel Cost Of Purchased Power	0.00	0.00	0.00	0.00	0.00	0.00	\$0.00
3b Energy Payments to Qualified Facilities	0.00	0.00	0.00	0.00	0.00	0.00	\$5,056,658.00
4 Energy Cost of Economy Purchases	0.00	0.00	0.00	0.00	0.00	0.00	\$0.00
5 Other Generation	286,819.00	286,819.00	277,584.00	191,391.00	185,235.00	191,391.00	\$2,680,586.05
6 Adjustments to Fuel Cost *	0.00	0.00	0.00	0.00	0.00	0.00	\$122,304.37
<b>7 TOTAL FUEL &amp; NET POWER TRANSACTIONS</b> (Sum of Lines A1 Thru A6)	<u>\$50,606,416.00</u>	<u>\$49,233,899.00</u>	<u>\$46,677,142.00</u>	<u>\$38,868,615.00</u>	<u>\$33,202,809.00</u>	<u>\$38,311,110.00</u>	<u>\$484,762,324.75</u>
<b>B</b> 1 Jurisdictional KWH Sales	1,198,377,000	1,181,726,000	1,034,929,000	865,410,000	762,800,000	852,320,000	10,865,486,514
2 Non-Jurisdictional KWH Sales	34,430,000	34,820,000	30,495,000	26,329,000	24,784,000	28,961,000	328,480,616
<b>3 TOTAL SALES (Lines B1 + B2)</b>	<u>1,232,807,000</u>	<u>1,216,546,000</u>	<u>1,065,424,000</u>	<u>891,739,000</u>	<u>787,584,000</u>	<u>881,281,000</u>	<u>11,193,967,130</u>
4 Jurisdictional % Of Total Sales (Line B1/B3)	<u>97.2072%</u>	<u>97.1378%</u>	<u>97.1378%</u>	<u>97.0475%</u>	<u>96.8532%</u>	<u>96.7138%</u>	
<b>C</b> 1 Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	(1) 45,536,697.38	44,903,982.01	39,325,895.51	32,884,403.89	28,985,363.34	32,387,001.68	\$412,627,333.06
2 True-Up Provision	2,202,118.00	2,202,118.00	2,202,118.00	2,202,118.00	2,202,118.00	2,202,120.00	\$26,425,418.00
2a Incentive Provision	(86,659.00)	(86,659.00)	(86,659.00)	(86,659.00)	(86,659.00)	(86,662.00)	(\$1,039,911.00)
<b>3 FUEL REVENUE APPLICABLE TO PERIOD</b> (Sum of Lines C1 Thru C2a)	<u>\$47,652,156.38</u>	<u>\$47,019,441.01</u>	<u>\$41,441,354.51</u>	<u>\$34,999,862.89</u>	<u>\$31,100,822.34</u>	<u>\$34,502,459.68</u>	<u>\$438,012,840.06</u>
4 Fuel & Net Power Transactions (Line A7)	50,606,416.00	49,233,899.00	46,677,142.00	38,868,615.00	33,202,809.00	38,311,110.00	\$484,762,324.75
5 Jurisdictional Fuel Cost Adj. for Line Losses (Line A7 x Line B4 x 1.0015)	49,266,869.63	47,896,463.43	45,409,160.56	37,777,600.67	32,206,219.98	37,107,708.50	\$471,249,721.88
6 Over/(Under) Recovery (Line C3-C5)	(1,614,713.25)	(877,022.42)	(3,967,806.05)	(2,777,737.78)	(1,105,397.64)	(2,605,248.82)	(\$33,236,881.81)
7 Interest Provision	412.71	240.33	9.12	(269.63)	(476.82)	(679.72)	\$733.11
8 Adjustments	(2) 26,571,082.26	0.00	0.00	0.00	0.00	0.00	\$26,571,082.26
<b>9 TOTAL ESTIMATED TRUE-UP FOR THE PERIOD JANUARY 2013 - DECEMBER 2013</b>							<u>(\$6,665,066.44)</u>

\* (Gain)/Loss on sales of natural gas and costs of contract dispute litigation.

Note 1: Revenues for July through December based on the current approved 2013 Fuel Factor excluding revenue taxes of:

3.7999

Note 2: Satisfaction of Peabody judgement

SCHEDULE E-1B-1

**COMPARISON OF ESTIMATED/ACTUAL VERSUS ORIGINAL PROJECTIONS  
OF THE FUEL AND PURCHASED POWER COST RECOVERY FACTOR  
GULF POWER COMPANY  
ACTUAL FOR THE PERIOD JANUARY 2013 - JUNE 2013 / ESTIMATED FOR JULY 2013 - DECEMBER 2013**

	DOLLARS				kWh				¢/kWh			
	ESTIMATED/ ACTUAL	ESTIMATED/ ORIGINAL	DIFFERENCE AMOUNT	%	ESTIMATED/ ACTUAL	ESTIMATED/ ORIGINAL	DIFFERENCE AMOUNT	%	ESTIMATED/ ACTUAL	ESTIMATED/ ORIGINAL	DIFFERENCE AMT.	%
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1 Fuel Cost of System Net Generation	367,500,265	358,100,519	9,399,746	2.62	8,600,677,000	8,710,307,000	(109,630,000)	(1.26)	4.2729	4.1112	0.1617	3.93
1a Fuel Cost of Hedging Settlement	6,785,904	0	6,785,904	100.00	0	0	0	0.00	#N/A	0.0000	#N/A	#N/A
2 Hedging Support Costs	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.0000	0.00
3 Coal Car Investment	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.0000	0.00
4 Other Generation	2,680,586	1,814,318	866,268	47.75	80,118,000	50,524,000	29,594,000	58.57	3.3458	3.5910	(0.2452)	(6.83)
5 Adjustments to Fuel Cost ***	122,304	0	122,304	100.00	0	0	0	0.00	0.0000	0.0000	0.0000	0.00
6 TOTAL COST OF GENERATED POWER	377,089,060	359,914,837	17,174,223	4.77	8,680,795,000	8,760,831,000	(80,036,000)	(0.91)	4.3439	4.1082	0.2357	5.74
7 Fuel Cost of Purchased Power (Exclusive of Economy)	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.0000	0.00
8 Energy Cost of Schedule C&X Econ. Purchases (Broker)	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.0000	0.00
9 Energy Cost of Other Economy Purchases (Nonbroker)	208,164,787	185,816,000	22,348,787	12.03	7,070,734,558	6,164,950,000	905,784,558	14.69	2.9440	3.0141	(0.0701)	(2.33)
10 Energy Cost of Schedule E Economy Purchases	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.0000	0.00
11 Capacity Cost of Schedule E Economy Purchases	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.0000	0.00
12 Energy Payments to Qualifying Facilities	5,056,658	0	5,056,658	100.00	133,774,000	0	133,774,000	100.00	3.7800	0.0000	3.7800	100.00
13 TOTAL COST OF PURCHASED POWER	213,221,445	185,816,000	27,405,445	14.75	7,204,508,558	6,164,950,000	1,039,558,558	16.86	2.9596	3.0141	(0.0545)	(1.81)
14 Total Available kWh (Line 6 + Line 13)	590,310,505	545,730,837	44,579,668	8.17	15,885,303,558	14,925,781,000	959,522,558	6.43	3.7161	3.6563	0.0598	1.64
15 Fuel Cost of Economy Sales	(2,472,023)	(2,428,000)	(44,023)	1.81	(75,136,816)	(77,479,000)	2,342,184	(3.02)	3.2900	3.1338	0.1562	4.98
16 Gain on Economy Sales	(405,832)	(645,241)	239,409	(37.10)	0	0	0	0.00	0.0000	0.0000	0.0000	0.00
17 Fuel Cost of Other Power Sales	(102,670,325)	(73,242,000)	(29,428,325)	40.18	(3,918,300,111)	(2,449,607,000)	(1,468,693,111)	59.87	2.6218	2.9899	(0.3683)	(12.32)
18 TOTAL FUEL COST AND GAINS ON POWER SALES (LINES 15+16+17)	(105,548,180)	(76,315,241)	(29,232,939)	38.31	(3,991,436,927)	(2,527,086,000)	(1,464,350,927)	57.95	2.6444	3.0199	(0.3755)	(12.43)
19 Net Inadvertent Interchange	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.0000	0.00
21 TOTAL FUEL & NET POWER TRANSACTIONS (LINES 14+18+20)	484,762,325	469,415,596	15,346,729	3.27	11,893,866,631	12,398,695,000	(504,828,369)	(4.07)	4.0757	3.7860	0.2897	7.65
22 Net Unbilled Sales	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.0000	0.00
23 Company Use *	844,359	820,767	23,592	2.87	20,716,904	21,679,000	(962,096)	(4.44)	4.0757	3.7860	0.2897	7.65
24 T & D Losses *	27,681,445	26,311,754	1,369,691	5.21	679,182,597	694,975,000	(15,792,403)	(2.27)	4.0757	3.7860	0.2897	7.65
25 TERRITORIAL (SYSTEM) SALES	484,762,325	469,415,596	15,346,729	3.27	11,193,967,130	11,682,041,000	(488,073,870)	(4.18)	4.3306	4.0183	0.3123	7.77
26 Wholesale Sales	14,225,075	14,983,638	(758,563)	(5.06)	328,480,616	372,885,000	(44,404,384)	(11.91)	4.3306	4.0183	0.3123	7.77
27 Jurisdictional Sales	470,537,250	454,431,958	16,105,292	3.54	10,865,486,514	11,309,156,000	(443,669,486)	(3.92)	4.3306	4.0183	0.3123	7.77
28 Jurisdictional Loss Multiplier	1.0015	1.0015										
29 Jurisdictional Sales Adj. for Line Losses (Line 27 x 1.0015)	471,249,722	455,113,606	16,136,116	3.55	10,865,486,514	11,309,156,000	(443,669,486)	(3.92)	4.3371	4.0243	0.3128	7.77
30 TRUE-UP **	(26,425,418)	(26,425,418)	0	0.00	10,865,486,514	11,309,156,000	(443,669,486)	(3.92)	(0.2432)	(0.2337)	(0.0095)	4.07
31 TOTAL JURISDICTIONAL FUEL COST	444,824,304	428,688,188	16,136,116	3.76	10,865,486,514	11,309,156,000	(443,669,486)	(3.92)	4.0939	3.7906	0.3033	8.00
32 Revenue Tax Factor									1.00072	1.00072		
33 Fuel Factor Adjusted for Revenue Taxes									4.0968	3.7933	0.3035	8.00
34 GPIF Reward / (Penalty) **									0.0096	0.0092	0.0004	(4.35)
35 Fuel Factor Adjusted for GPIF Reward / (Penalty)	1,040,860	1,040,860	0	0.00	10,865,486,514	11,309,156,000	(443,669,486)	(3.92)	4.1064	3.8025	0.3039	7.99
36 FUEL FACTOR ROUNDED TO NEAREST .001(¢/kWh)									4.106	3.803	0.3030	7.97

\* Included for informational purposes only.

\*\* ¢/kWh calculation based on jurisdictional kWh sales.

\*\*\* (Gain)/Loss on sales of natural gas and costs of contract dispute litigation.

Note: Amounts included in the Estimated/Actual column represent 6 months actual and 6 months estimate.

**SCHEDULE E-1C**

**CALCULATION OF GENERATING PERFORMANCE  
INCENTIVE FACTOR AND TRUE-UP FACTOR  
GULF POWER COMPANY  
TO BE INCLUDED IN THE PERIOD: JANUARY 2014 - DECEMBER 2014**

1. TOTAL AMOUNT OF ADJUSTMENTS:		
A. Generating Performance Incentive Reward/(Penalty)	\$	1,662,342
B. True-Up (Over)/Under Recovered	\$	15,998,761
2. Jurisdictional kWh sales For the period: January 2014 - December 2014		11,154,278,000
3. ADJUSTMENT FACTORS:		
A. Generating Performance Incentive Factor		0.0149
B. True-Up Factor		0.1434

**SCHEDULE E-1D**

**DETERMINATION OF FUEL RECOVERY FACTOR  
 TIME OF USE RATE SCHEDULES  
 GULF POWER COMPANY  
 PROPOSED FOR THE PERIOD: JANUARY 2014 - DECEMBER 2014**

		<u>NET ENERGY FOR LOAD</u>	
		%	
	On-Peak	29.11	
	Off-Peak	<u>70.89</u>	
		100.00	
	<u>AVERAGE</u>	<u>ON-PEAK</u>	<u>OFF-PEAK</u>
Cost per kWh Sold	4.0021	4.8087	3.6708
Jurisdictional Loss Factor	1.0015	1.0015	1.0015
Jurisdictional Fuel Factor	4.0081	4.8159	3.6763
GPIF	0.0149	0.0149	0.0149
True-Up	0.1434	0.1434	0.1434
TOTAL	<u>4.1664</u>	<u>4.9742</u>	<u>3.8346</u>
Revenue Tax Factor	1.00072	1.00072	1.00072
Recovery Factor	4.1694	4.9778	3.8374
Recovery Factor Rounded to the Nearest .001 ¢/kWh	4.169	4.978	3.837
	HOURS:		
	ON-PEAK	25.01%	
	OFF-PEAK	<u>74.99%</u>	
		100.00%	

**SCHEDULE E-1E**

**FUEL RECOVERY FACTORS - BY RATE GROUP  
 (ADJUSTED FOR LINE/TRANSFORMATION LOSSES)  
 GULF POWER COMPANY  
 PROPOSED FOR THE PERIOD: JANUARY 2014 - DECEMBER 2014**

<u>Group</u>	<u>Rate Schedules</u>	<u>Average Factor</u>	<u>Fuel Recovery Loss Multipliers</u>	<u>Standard Fuel Recovery Factor</u>
A	RS, RSVP, GS, GSD, GSDT, GSTOU, OSIII, SBS (1)	4.169	1.00773	4.201
B	LP, LPT, SBS (2)	4.169	0.98353	4.100
C	PX, PXT, RTP, SBS (3)	4.169	0.96591	4.027
D	OS-I/II	4.169	1.00777	4.155 *

	<u>TOU</u>
A On-Peak	5.016
Off-Peak	3.867
B On-Peak	4.896
Off-Peak	3.774
C On-Peak	4.808
Off-Peak	3.707
D On-Peak	N/A
Off-Peak	N/A

Group D Calculation

* D On-Peak	4.978	¢ / kWh	x	0.2501	=	1.245	¢ / kWh
Off-Peak	3.837	¢ / kWh	x	0.7499	=	2.878	¢ / kWh
						4.123	¢ / kWh
			Line Loss Multiplier		x	1.00777	
						<u>4.155</u>	¢ / kWh

- (1) Includes SBS customers with a Contract Demand in the range of 100 to 499 KW  
 (2) Includes SBS customers with a Contract Demand in the range of 500 to 7,499 KW  
 (3) Includes SBS customers with a Contract Demand over 7,499 KW



**FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION**  
**GULF POWER COMPANY**  
**ESTIMATED FOR THE PERIOD OF: JANUARY 2014 - DECEMBER 2014**

LINE	LINE DESCRIPTION	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
	\$													
1	Fuel Cost of System Generation	34,310,715	26,290,149	27,845,727	27,024,566	36,441,994	32,103,571	37,938,908	36,711,598	31,656,329	20,799,856	19,525,342	25,023,275	355,672,030
1a	Other Generation	228,628	206,565	228,628	221,274	342,623	331,591	342,623	342,623	331,591	228,628	221,274	228,628	3,254,676
2	Fuel Cost of Power Sold	(9,270,000)	(8,709,000)	(9,226,000)	(1,498,000)	(7,799,000)	(3,472,000)	(6,738,000)	(7,709,000)	(6,066,595)	(878,600)	(4,062,800)	(6,816,000)	(72,244,995)
3	Fuel Cost of Purchased Power	14,028,362	12,834,398	13,869,415	9,301,691	11,662,300	16,844,326	17,803,980	17,773,359	15,487,692	15,246,816	13,692,969	15,227,815	173,773,123
3a	Demand & Non-Fuel Cost of Pur Power	0	0	0	0	0	0	0	0	0	0	0	0	0
3b	Qualifying Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Energy Cost of Economy Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Hedging Settlement	0	0	0	0	0	0	0	0	0	0	0	0	0
6	<b>Total Fuel &amp; Net Power Trans.</b>	<b>39,297,705</b>	<b>30,622,112</b>	<b>32,717,770</b>	<b>35,049,531</b>	<b>40,647,917</b>	<b>45,807,488</b>	<b>49,347,511</b>	<b>47,118,580</b>	<b>41,409,017</b>	<b>35,396,700</b>	<b>29,376,785</b>	<b>33,663,718</b>	<b>460,454,834</b>
	(Sum of Lines 1 - 5)													
7	System kWh Sold	920,682,000	772,415,000	799,153,000	796,607,000	999,654,000	1,132,366,000	1,237,540,000	1,220,252,000	1,068,126,000	893,822,000	786,860,000	877,848,000	11,505,325,000
7a	Jurisdictional % of Total Sales	96.7638	96.7444	96.9069	96.9599	97.0528	97.1281	97.1481	97.0740	97.0634	96.9521	96.7364	96.5942	96.9488
8	Cost per kWh Sold (¢/kWh)	4.2683	3.9645	4.0941	4.3999	4.0662	4.0453	3.9875	3.8614	3.8768	3.9602	3.7334	3.8348	4.0021
8a	Jurisdictional Loss Multiplier	1.0015	1.0015	1.0015	1.0015	1.0015	1.0015	1.0015	1.0015	1.0015	1.0015	1.0015	1.0015	1.0015
8b	Jurisdictional Cost (¢/kWh)	4.2747	3.9704	4.1002	4.4065	4.0723	4.0514	3.9935	3.8672	3.8826	3.9661	3.7390	3.8406	4.0081
9	GPIF (¢/kWh) *	0.0155	0.0185	0.0179	0.0179	0.0143	0.0126	0.0115	0.0117	0.0134	0.0160	0.0182	0.0163	0.0149
10	True-Up (¢/kWh) *	0.1497	0.1784	0.1722	0.1726	0.1374	0.1212	0.1109	0.1126	0.1286	0.1538	0.1752	0.1572	0.1434
11	TOTAL	4.4399	4.1673	4.2903	4.5970	4.2240	4.1852	4.1159	3.9915	4.0246	4.1359	3.9324	4.0141	4.1664
12	Revenue Tax Factor	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072
13	Recovery Factor Adjusted for Taxes	4.4431	4.1703	4.2934	4.6003	4.2270	4.1882	4.1189	3.9944	4.0275	4.1389	3.9352	4.0170	4.1694
14	<b>Recovery Factor Rounded to the Nearest .001 ¢/kWh</b>	<b>4.443</b>	<b>4.170</b>	<b>4.293</b>	<b>4.600</b>	<b>4.227</b>	<b>4.188</b>	<b>4.119</b>	<b>3.994</b>	<b>4.028</b>	<b>4.139</b>	<b>3.935</b>	<b>4.017</b>	<b>4.169</b>

\* CALCULATIONS BASED ON JURISDICTIONAL kWh SALES

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE  
GULF POWER COMPANY  
ESTIMATED FOR THE PERIOD OF: JANUARY 2014 - DECEMBER 2014

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<b>FUEL COST - NET GEN. (\$)</b>													
1 LIGHTER OIL (B.L.)	156,408	156,373	121,918	152,421	152,320	152,241	152,178	156,114	155,563	148,375	121,051	121,037	1,745,999
2 COAL	24,788,607	16,259,055	17,683,785	18,023,980	24,317,956	20,519,619	26,016,670	24,544,899	19,898,913	10,544,394	10,776,865	13,724,093	227,098,836
3 GAS - Generation	9,369,976	9,862,428	10,045,460	8,890,876	12,133,159	11,583,029	11,929,521	12,118,954	11,709,711	10,151,383	8,620,607	11,189,861	127,584,965
4 GAS (B.L.)	166,560	166,680	165,400	122,670	123,390	124,380	125,370	167,760	167,840	126,540	172,200	179,120	1,807,910
5 LANDFILL GAS	57,792	52,178	57,792	55,893	57,792	55,893	57,792	57,792	55,893	57,792	55,893	57,792	680,294
6 OIL - C.T.	0	0	0	0	0	0	0	8,702	0	0	0	0	8,702
7 TOTAL (\$)	34,539,343	26,496,714	28,074,355	27,245,840	36,784,617	32,435,162	38,281,531	37,054,221	31,987,920	21,028,484	19,746,616	25,251,903	358,926,706
<b>SYSTEM NET GEN. (MWh)</b>													
8 LIGHTER OIL (B.L.)	0	0	0	0	0	0	0	0	0	0	0	0	0
9 COAL	519,372	343,114	377,169	372,515	550,467	451,297	573,473	559,014	456,685	229,424	241,795	305,875	4,980,200
10 GAS	307,144	332,791	332,169	244,801	372,720	342,810	355,764	360,633	345,404	293,269	274,854	365,957	3,928,316
11 LANDFILL GAS	2,100	1,896	2,100	2,031	2,100	2,031	2,100	2,100	2,031	2,100	2,031	2,100	24,720
12 OIL - C.T.	0	0	0	0	0	0	0	32	0	0	0	0	32
13 TOTAL (MWh)	828,616	677,801	711,438	619,347	925,287	796,138	931,337	921,779	804,120	524,793	518,680	673,932	8,933,268
<b>UNITS OF FUEL BURNED</b>													
14 LIGHTER OIL (BBL)	1,231	1,233	960	1,204	1,204	1,204	1,204	1,235	1,231	1,174	956	956	13,792
15 COAL (TON)	243,676	160,430	178,932	178,803	267,139	218,538	273,963	268,487	221,750	112,039	116,410	149,733	2,389,900
16 GAS-all (MCF) (1)	2,058,373	2,201,781	2,215,586	1,612,223	2,432,148	2,247,313	2,330,371	2,369,277	2,272,255	1,907,404	1,838,560	2,418,495	25,903,786
17 OIL - C.T. (BBL)	0	0	0	0	0	0	0	77	0	0	0	0	77
<b>BTUS BURNED (MMBtu)</b>													
18 COAL + GAS B.L. + OIL B.L.	5,758,961	3,850,831	4,173,555	4,307,998	6,008,818	5,028,702	6,350,362	6,177,989	5,055,456	2,692,101	2,764,969	3,516,318	55,686,060
19 GAS-Generation (1)	2,080,124	2,227,834	2,242,054	1,630,590	2,475,113	2,284,733	2,370,282	2,400,355	2,300,423	1,934,626	1,853,717	2,451,050	26,250,901
20 OIL - C.T.	0	0	0	0	0	0	0	450	0	0	0	0	450
21 TOTAL (MMBtu) (1)	7,839,085	6,078,665	6,415,609	5,938,588	8,483,931	7,313,435	8,720,644	8,578,794	7,355,879	4,626,727	4,618,686	5,967,368	81,937,411

(1) Data excludes Landfill Gas and Gulf's CT in Santa Rosa County because MCF and MMBtu's are not available due to contract specifications.

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE  
GULF POWER COMPANY  
ESTIMATED FOR THE PERIOD OF: JANUARY 2014 - DECEMBER 2014

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<b>GENERATION MIX (% MWh)</b>													
22 LIGHTER OIL (B.L.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23 COAL	62.68	50.62	53.01	60.14	59.49	56.68	61.57	60.65	56.80	43.72	46.62	45.39	55.75
24 GAS-Generation	37.07	49.10	46.69	39.53	40.28	43.06	38.20	39.12	42.95	55.88	52.99	54.30	43.97
25 LANDFILL GAS	0.25	0.28	0.30	0.33	0.23	0.26	0.23	0.23	0.25	0.40	0.39	0.31	0.28
26 OIL - C.T.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27 TOTAL (% MWh)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
<b>FUEL COST (\$ / UNIT)</b>													
28 LIGHTER OIL (\$/BBL)	127.06	126.82	127.00	126.60	126.51	126.45	126.39	126.41	126.37	126.38	126.62	126.61	126.60
29 COAL (\$/TON)	101.73	101.35	98.83	100.80	91.03	93.89	94.96	91.42	89.74	94.11	92.58	91.66	95.02
30 GAS + B.L. (\$/MCF) (1)	4.52	4.46	4.51	5.45	4.90	5.06	5.03	5.04	5.08	5.27	4.66	4.60	4.87
31 OIL - C.T.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	113.01	0.00	0.00	0.00	0.00	113.01
<b>FUEL COST (\$ / MMBtu)</b>													
32 COAL + GAS B.L. + OIL B.L.	4.36	4.31	4.31	4.25	4.09	4.14	4.14	4.03	4.00	4.02	4.00	3.99	4.14
33 GAS-Generation (1)	4.39	4.33	4.38	5.32	4.76	4.92	4.89	4.91	4.95	5.13	4.53	4.46	4.74
34 OIL - C.T.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.34	0.00	0.00	0.00	0.00	19.34
35 TOTAL (\$/MMBtu) (1)	4.37	4.32	4.33	4.54	4.29	4.38	4.34	4.27	4.30	4.48	4.22	4.18	4.33
<b>BTU BURNED (Btu / kWh)</b>													
36 COAL + GAS B.L. + OIL B.L.	11,088	11,223	11,065	11,565	10,916	11,143	11,074	11,052	11,070	11,734	11,435	11,496	11,181
37 GAS-Generation (1)	6,901	6,800	6,868	6,815	6,797	6,830	6,827	6,818	6,824	6,728	6,883	6,804	6,824
38 OIL - C.T.	0	0	0	0	0	0	0	14,063	0	0	0	0	14,063
39 TOTAL (Btu/kWh) (1)	9,551	9,063	9,118	9,707	9,276	9,307	9,472	9,416	9,267	8,950	9,037	8,959	9,282
<b>FUEL COST (CENTS / kWh)</b>													
40 COAL + GAS B.L. + OIL B.L.	4.83	4.83	4.76	4.91	4.47	4.61	4.59	4.45	4.43	4.72	4.58	4.58	4.63
41 GAS-Generation	3.05	2.96	3.02	3.63	3.26	3.38	3.35	3.36	3.39	3.46	3.14	3.05	3.25
42 LANDFILL GAS	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75
43 OIL - C.T.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.19	0.00	0.00	0.00	0.00	27.19
44 TOTAL (¢/kWh)	4.17	3.91	3.95	4.40	3.98	4.07	4.11	4.02	3.98	4.01	3.81	3.75	4.02

(1) Data excludes Landfill Gas and Gulf's CT in Santa Rosa County because MCF and MMBtu's are not available due to contract specifications.

**SYSTEM NET GENERATION AND FUEL COST  
GULF POWER COMPANY  
ESTIMATED FOR THE MONTH OF: JANUARY 2014**

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost (\$)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit (\$/Unit)
1	Crist 4	75	1,968	3.5	83.4	54.7	12,797	Coal	1,042	12,087	25,184	100,624	5.11	96.57
2	4							Gas - G						
3	Crist 5	75	10,005	17.9	93.5	56.1	11,599	Coal	4,801	12,087	116,048	463,675	4.63	96.58
4	5							Gas - G						
5	Crist 6	299	79,194	35.6	97.0	41.9	12,353	Coal	40,470	12,087	978,287	3,908,790	4.94	96.58
6	6							Gas - G						
7	Crist 7	475	182,472	51.6	97.6	56.2	11,105	Coal	83,827	12,087	2,026,353	8,096,384	4.44	96.58
8	7							Gas - G						
9	Perdido		2,100					Landfill Gas				57,792	2.75	N/A
10	Scholz 1	46	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
11	Scholz 2	46	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
12	Smith 1	162	55,143	45.8	98.9	73.0	10,511	Coal	23,497	12,333	579,606	2,776,245	5.03	118.15
13	Smith 2	195	55,475	38.2	99.7	57.0	10,664	Coal	23,983	12,333	591,581	2,833,604	5.11	118.15
14	Smith 3	584	301,424	69.4	83.1	83.5	6,901	Gas	2,019,538	1,030	2,080,124	9,141,348	3.03	4.53
15	Smith A (CT)	40	0	0.0	100.0	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		5,720					Gas				228,628	4.00	N/A
17	Daniel 1 (1)	255	83,200	43.9	96.0	57.0	10,539	Coal	41,529	10,557	876,844	4,155,259	4.99	100.06
18	Daniel 2 (1)	255	51,915	27.4	98.7	57.7	9,975	Coal	24,527	10,557	517,849	2,454,026	4.73	100.05
19	Gas, BL							Gas	38,835	1,030	40,000	166,560	N/A	4.29
20	Ltr. Oil							Oil	1,231	139,400	7,209	156,408	N/A	127.03
21		2,507	828,616	44.4	93.9	59.2	10,598				7,839,085	34,539,343	4.17	

Notes:

(1) Represents Gulf's 50% Ownership

SYSTEM NET GENERATION AND FUEL COST  
GULF POWER COMPANY  
ESTIMATED FOR THE MONTH OF: FEBRUARY 2014

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost (\$)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit (\$/Unit)
1	Crist 4	75	9,060	16.2	99.4	55.4	12,015	Coal	4,505	12,081	108,856	432,600	4.77	96.03
2	4							Gas - G						
3	Crist 5	75	14,225	25.5	99.9	55.5	11,626	Coal	6,845	12,081	165,385	657,249	4.62	96.02
4	5							Gas - G						
5	Crist 6	299	24,990	11.2	62.6	41.2	12,438	Coal	12,864	12,081	310,822	1,235,223	4.94	96.02
6	6							Gas - G						
7	Crist 7	475	153,062	43.3	97.8	55.0	11,144	Coal	70,596	12,081	1,705,717	6,778,611	4.43	96.02
8	7							Gas - G						
9	Perdido		1,896					Landfill Gas				52,178	2.75	N/A
10	Scholz 1	46	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
11	Scholz 2	46	2,160	6.3	100.0	0.0	13,515	Coal	1,237	11,798	29,192	107,573	4.98	86.96
12	Smith 1	162	44,357	36.8	99.0	70.6	10,528	Coal	18,858	12,381	466,990	2,285,604	5.15	121.20
13	Smith 2	195	45,105	31.1	99.7	56.0	10,850	Coal	19,763	12,381	489,387	2,395,222	5.31	121.20
14	Smith 3	584	327,623	75.4	98.8	84.2	6,800	Gas	2,162,946	1,030	2,227,834	9,655,863	2.95	4.46
15	Smith A (CT)	40	0	0.0	100.0	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		5,168					Gas				206,565	4.00	N/A
17	Daniel 1 (1)	255	44,940	23.7	65.8	48.4	10,526	Coal	23,112	10,234	473,034	2,123,527	4.73	91.88
18	Daniel 2 (1)	255	5,215	2.7	24.9	63.9	10,399	Coal	2,650	10,234	54,230	243,446	4.67	91.87
19	Gas, BL							Gas	38,835	1,030	40,000	166,680	N/A	4.29
20	Ltr. Oil							Oil	1,233	139,400	7,218	156,373	N/A	126.84
21		2,507	677,801	36.3	83.6	58.6	9,684				6,078,665	26,496,714	3.91	

Notes:

(1) Represents Gulf's 50% Ownership

SYSTEM NET GENERATION AND FUEL COST  
GULF POWER COMPANY  
ESTIMATED FOR THE MONTH OF: MARCH 2014

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost (\$)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit (\$/Unit)
1	Crist 4	75	2,934	5.3	99.4	55.9	11,995	Coal	1,457	12,080	35,193	138,862	4.73	95.31
2	4							Gas - G						
3	Crist 5	75	29,350	52.6	99.6	55.9	11,606	Coal	14,099	12,080	340,631	1,344,033	4.58	95.33
4	5							Gas - G						
5	Crist 6	299	46,815	21.0	87.6	42.0	12,346	Coal	23,923	12,080	577,982	2,280,553	4.87	95.33
6	6							Gas - G						
7	Crist 7	475	95,077	26.9	78.7	55.8	10,735	Coal	42,245	12,080	1,020,649	4,027,191	4.24	95.33
8	7							Gas - G						
9	Perdido		2,100					Landfill Gas				57,792	2.75	N/A
10	Scholz 1	46	2,160	6.3	100.0	0.0	13,017	Coal	1,192	11,798	28,116	103,609	4.80	86.92
11	Scholz 2	46	2,160	6.3	100.0	0.0	13,515	Coal	1,237	11,798	29,192	107,573	4.98	86.96
12	Smith 1	162	83,559	69.3	99.1	72.4	10,608	Coal	35,712	12,410	886,394	4,397,521	5.26	123.14
13	Smith 2	195	11,717	8.1	99.7	56.2	10,513	Coal	4,963	12,410	123,185	611,138	5.22	123.14
14	Smith 3	557	326,449	78.8	99.0	79.5	6,868	Gas	2,176,751	1,030	2,242,054	9,816,832	3.01	4.51
15	Smith A (CT)	36	0	0.0	100.0	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		5,720					Gas				228,628	4.00	N/A
17	Daniel 1 (1)	255	103,397	54.5	95.8	58.0	10,509	Coal	54,104	10,042	1,086,594	4,673,305	4.52	86.38
18	Daniel 2 (1)	255	0	0.0	0.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
19	Gas, BL							Gas	38,835	1,030	40,000	165,400	N/A	4.26
20	Ltr. Oil							Oil	960	139,400	5,619	121,918	N/A	127.05
21		2,476	711,438	38.6	83.3	52.2	10,651				6,415,609	28,074,355	3.95	

Notes:

(1) Represents Gulf's 50% Ownership

SYSTEM NET GENERATION AND FUEL COST  
GULF POWER COMPANY  
ESTIMATED FOR THE MONTH OF: APRIL 2014

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost (\$)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit (\$/Unit)
1	Crist 4	75	0	0.0	36.5	0.0	N/A	Coal	0	0	0	0	N/A	N/A
2	4							Gas - G						
3	Crist 5	75	8,312	14.9	36.7	55.7	11,612	Coal	3,995	12,080	96,517	381,471	4.59	95.49
4	5							Gas - G						
5	Crist 6	299	82,838	37.2	96.8	41.9	12,765	Coal	43,769	12,080	1,057,422	4,179,327	5.05	95.49
6	6							Gas - G						
7	Crist 7	475	147,924	41.9	90.8	58.3	11,634	Coal	71,234	12,080	1,720,947	6,801,825	4.60	95.49
8	7							Gas - G						
9	Perdido		2,031					Landfill Gas				55,893	2.75	N/A
10	Scholz 1	46	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
11	Scholz 2	46	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
12	Smith 1	162	68,129	56.5	99.3	73.1	10,510	Coal	28,772	12,443	716,032	3,568,219	5.24	124.02
13	Smith 2	195	30,675	21.1	59.9	55.4	10,609	Coal	13,077	12,443	325,432	1,621,733	5.29	124.01
14	Smith 3	557	239,265	57.7	69.3	86.0	6,815	Gas	1,583,097	1,030	1,630,590	8,669,602	3.62	5.48
15	Smith A (CT)	36	0	0.0	100.0	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		5,536					Gas				221,274	4.00	N/A
17	Daniel 1 (1)	255	34,567	18.2	67.4	58.4	10,230	Coal	17,907	9,874	353,625	1,467,353	4.24	81.94
18	Daniel 2 (1)	255	70	0.0	33.1	13.8	13,943	Coal	49	9,874	976	4,052	5.79	82.69
19	Gas, BL							Gas	29,126	1,030	30,000	122,670	N/A	4.21
20	Ltr. Oil							Oil	1,204	139,400	7,047	152,421	N/A	126.64
21		2,476	619,347	33.6	73.7	53.9	10,252				5,938,588	27,245,840	4.40	

Notes:

(1) Represents Gulf's 50% Ownership

SYSTEM NET GENERATION AND FUEL COST  
GULF POWER COMPANY  
ESTIMATED FOR THE MONTH OF: MAY 2014

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost (\$)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit (\$/Unit)
1	Crist 4	75	0	0.0	64.1	0.0	N/A	Coal	0	0	0	0	N/A	N/A
2	4							Gas - G						
3	Crist 5	75	13,436	24.1	64.7	55.8	11,606	Coal	6,481	12,030	155,936	591,321	4.40	91.24
4	5							Gas - G						
5	Crist 6	299	53,969	24.3	96.8	41.9	11,432	Coal	25,643	12,030	616,970	2,339,595	4.34	91.24
6	6							Gas - G						
7	Crist 7	475	201,817	57.1	97.8	58.7	11,028	Coal	92,502	12,030	2,225,640	8,439,787	4.18	91.24
8	7							Gas - G						
9	Perdido		2,100					Landfill Gas				57,792	2.75	N/A
10	Scholz 1	46	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
11	Scholz 2	46	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
12	Smith 1	162	22,360	18.6	99.2	65.1	10,636	Coal	9,543	12,461	237,817	1,202,220	5.38	125.98
13	Smith 2	195	49,387	34.0	99.7	47.1	10,782	Coal	21,367	12,461	532,495	2,691,885	5.45	125.98
14	Smith 3	581	364,148	84.2	99.1	84.9	6,797	Gas	2,403,022	1,030	2,475,113	11,790,536	3.24	4.91
15	Smith A (CT)	36	0	0.0	100.0	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		8,572					Gas				342,623	4.00	N/A
17	Daniel 1 (1)	255	106,273	56.0	97.3	61.9	10,562	Coal	56,865	9,869	1,122,453	4,612,862	4.34	81.12
18	Daniel 2 (1)	255	103,225	54.4	98.7	60.3	10,467	Coal	54,738	9,869	1,080,460	4,440,286	4.30	81.12
19	Gas, BL							Gas	29,126	1,030	30,000	123,390	N/A	4.24
20	Ltr. Oil							Oil	1,204	139,400	7,047	152,320	N/A	126.55
21		2,500	925,287	49.7	96.4	57.9	10,468				8,483,931	36,784,617	3.98	

Notes:

(1) Represents Gulf's 50% Ownership



SYSTEM NET GENERATION AND FUEL COST  
GULF POWER COMPANY  
ESTIMATED FOR THE MONTH OF: JUNE 2014

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost (\$)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit (\$/Unit)
1	Crist 4	75	0	0.0	99.4	0.0	N/A	Coal	0	0	0	0	N/A	N/A
2	4							Gas - G						
3	Crist 5	75	13,562	24.3	99.6	55.8	11,902	Coal	6,700	12,046	161,413	615,926	4.54	91.93
4	5							Gas - G						
5	Crist 6	299	71,664	32.2	96.9	41.9	12,353	Coal	36,744	12,046	885,269	3,378,042	4.71	91.93
6	6							Gas - G						
7	Crist 7	475	157,597	44.6	97.8	60.7	10,976	Coal	71,797	12,046	1,729,789	6,600,593	4.19	91.93
8	7							Gas - G						
9	Perdido		2,031					Landfill Gas				55,893	2.75	N/A
10	Scholz 1	46	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
11	Scholz 2	46	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
12	Smith 1	162	49,010	40.7	99.3	70.9	10,607	Coal	20,836	12,475	519,846	2,653,652	5.41	127.36
13	Smith 2	195	28,160	19.4	99.7	46.9	11,009	Coal	12,426	12,475	310,009	1,582,500	5.62	127.35
14	Smith 3	556	334,514	80.9	99.2	84.3	6,830	Gas	2,218,187	1,030	2,284,733	11,251,438	3.36	5.07
15	Smith A (CT)	32	0	0.0	100.0	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		8,296					Gas				331,591	4.00	N/A
17	Daniel 1 (1)	255	65,765	34.7	96.1	50.0	10,575	Coal	35,159	9,890	695,461	2,855,937	4.34	81.23
18	Daniel 2 (1)	255	65,539	34.5	98.6	51.1	10,526	Coal	34,876	9,890	689,868	2,832,969	4.32	81.23
19	Gas,BL							Gas	29,126	1,030	30,000	124,380	N/A	4.27
20	Ltr. Oil							Oil	1,204	139,400	7,047	152,241	N/A	126.49
21		2,471	796,138	43.3	98.4	56.2	10,128				7,313,435	32,435,162	4.07	

Notes:

(1) Represents Gulf's 50% Ownership

SYSTEM NET GENERATION AND FUEL COST  
GULF POWER COMPANY  
ESTIMATED FOR THE MONTH OF: JULY 2014

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf./Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost (\$)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit (\$/Unit)
1	Crist 4	75	0	0.0	99.4	0.0	N/A	Coal	0	0	0	0	N/A	N/A
2	4							Gas - G						
3	Crist 5	75	18,434	33.0	99.6	55.9	11,996	Coal	9,171	12,056	221,132	842,553	4.57	91.87
4	5							Gas - G						
5	Crist 6	299	58,860	26.5	97.0	42.0	12,882	Coal	31,446	12,056	758,228	2,888,986	4.91	91.87
6	6							Gas - G						
7	Crist 7	475	229,791	65.0	97.7	66.8	10,843	Coal	103,337	12,056	2,491,625	9,493,543	4.13	91.87
8	7							Gas - G						
9	Perdido		2,100					Landfill Gas				57,792	2.75	N/A
10	Scholz 1	46	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
11	Scholz 2	46	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
12	Smith 1	162	88,919	73.8	99.2	74.7	10,594	Coal	38,531	12,224	942,012	4,635,617	5.21	120.31
13	Smith 2	195	42,340	29.2	99.7	48.8	10,971	Coal	19,000	12,224	464,509	2,285,837	5.40	120.31
14	Smith 3	556	347,192	83.9	99.1	84.7	6,827	Gas	2,301,245	1,030	2,370,282	11,586,898	3.34	5.04
15	Smith A (CT)	32	0	0.0	100.0	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		8,572					Gas				342,623	4.00	N/A
17	Daniel 1 (1)	255	77,514	40.9	97.3	54.1	10,637	Coal	41,621	9,905	824,516	3,370,936	4.35	80.99
18	Daniel 2 (1)	255	57,615	30.4	98.7	54.1	10,610	Coal	30,857	9,905	611,293	2,499,198	4.34	80.99
19	Gas,BL							Gas	29,126	1,030	30,000	125,370	N/A	4.30
20	Ltr. Oil							Oil	1,204	139,400	7,047	152,178	N/A	126.44
21		2,471	931,337	50.7	98.5	58.6	10,317				8,720,644	38,281,531	4.11	

Notes:

(1) Represents Gulf's 50% Ownership

SYSTEM NET GENERATION AND FUEL COST  
GULF POWER COMPANY  
ESTIMATED FOR THE MONTH OF: AUGUST 2014

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost (\$)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit (\$/Unit)
1	Crist 4	75	10,318	18.5	99.4	59.1	11,859	Coal	5,068	12,072	122,366	447,051	4.33	88.21
2	4							Gas - G						
3	Crist 5	75	20,949	37.5	99.6	61.5	11,371	Coal	9,866	12,072	238,211	870,277	4.15	88.21
4	5							Gas - G						
5	Crist 6	299	84,681	38.1	97.0	44.5	12,092	Coal	42,410	12,072	1,023,965	3,740,943	4.42	88.21
6	6							Gas - G						
7	Crist 7	475	155,103	43.9	97.6	64.5	10,888	Coal	69,944	12,072	1,688,765	6,169,717	3.98	88.21
8	7							Gas - G						
9	Perdido		2,100					Landfill Gas				57,792	2.75	N/A
10	Scholz 1	46	2,160	6.3	100.0	0.0	13,017	Coal	1,192	11,798	28,116	103,609	4.80	86.92
11	Scholz 2	46	2,160	6.3	100.0	0.0	13,515	Coal	1,237	11,798	29,192	107,573	4.98	86.96
12	Smith 1	162	82,143	68.2	99.2	74.2	10,602	Coal	36,343	11,981	870,882	4,076,505	4.96	112.17
13	Smith 2	195	52,616	36.3	99.7	60.1	10,795	Coal	23,703	11,981	567,984	2,658,672	5.05	112.17
14	Smith 3	556	352,061	85.1	99.1	85.9	6,818	Gas	2,330,442	1,030	2,400,355	11,776,331	3.34	5.05
15	Smith A (CT)	32	32	0.1	100.0	0.0	14,063	Oil	77	139,400	450	8,702	27.19	113.19
16	Other Generation		8,572					Gas				342,623	4.00	N/A
17	Daniel 1 (1)	255	80,875	42.6	97.3	63.3	10,360	Coal	42,247	9,916	837,860	3,418,761	4.23	80.92
18	Daniel 2 (1)	255	68,009	35.8	98.7	53.0	10,637	Coal	36,477	9,916	723,416	2,951,790	4.34	80.92
19	Gas, BL							Gas	38,835	1,030	40,000	167,760	N/A	4.32
20	Ltr. Oil							Oil	1,235	139,400	7,232	156,114	N/A	126.39
21		2,471	921,779	50.1	98.5	62.4	10,307				8,578,794	37,054,221	4.02	

Notes:

(1) Represents Gulf's 50% Ownership

SYSTEM NET GENERATION AND FUEL COST  
GULF POWER COMPANY  
ESTIMATED FOR THE MONTH OF: SEPTEMBER 2014

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost (\$)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit (\$/Unit)
1	Crist 4	75	9,444	17.5	99.1	55.7	12,002	Coal	4,691	12,081	113,347	414,523	4.39	88.37
2	4							Gas - G						
3	Crist 5	75	4,738	8.8	99.6	54.9	11,652	Coal	2,285	12,081	55,207	201,898	4.26	88.36
4	5							Gas - G						
5	Crist 6	299	86,850	40.3	96.9	42.0	12,346	Coal	44,379	12,081	1,072,248	3,921,332	4.52	88.36
6	6							Gas - G						
7	Crist 7	475	118,980	34.8	61.9	61.7	10,950	Coal	53,922	12,081	1,302,830	4,764,597	4.00	88.36
8	7							Gas - G						
9	Perdido		2,031					Landfill Gas				55,893	2.75	N/A
10	Scholz 1	46	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
11	Scholz 2	46	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
12	Smith 1	162	42,763	36.7	99.3	66.7	10,559	Coal	19,026	11,866	451,536	2,094,184	4.90	110.07
13	Smith 2	195	39,188	27.9	99.7	47.1	11,005	Coal	18,172	11,866	431,268	2,000,183	5.10	110.07
14	Smith 3	556	337,108	84.2	99.1	85.0	6,824	Gas	2,233,420	1,030	2,300,423	11,378,120	3.38	5.09
15	Smith A (CT)	32	0	0.0	100.0	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		8,296					Gas				331,591	4.00	N/A
17	Daniel 1 (1)	255	96,379	52.5	96.1	61.1	10,092	Coal	48,746	9,977	972,656	3,998,201	4.15	82.02
18	Daniel 2 (1)	255	58,343	31.8	98.5	61.7	10,441	Coal	30,529	9,977	609,155	2,503,994	4.29	82.02
19	Gas, BL							Gas	38,835	1,030	40,000	167,840	N/A	4.32
20	Ltr. Oil							Oil	1,231	139,400	7,209	155,563	N/A	126.35
21		2,471	804,120	45.2	91.4	60.2	10,517				7,355,879	31,987,920	3.98	

Notes:

(1) Represents Gulf's 50% Ownership

SYSTEM NET GENERATION AND FUEL COST  
GULF POWER COMPANY  
ESTIMATED FOR THE MONTH OF: OCTOBER 2014

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost (\$)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit (\$/Unit)
1	Crist 4	75	15,492	27.8	99.2	55.8	11,995	Coal						
2	4							Gas - G	7,689	12,084	185,827	659,562	4.26	85.78
3	Crist 5	75	16,750	30.0	100.0	55.7	12,032	Coal	8,338	12,084	201,531	715,301	4.27	85.79
4	5							Gas - G						
5	Crist 6	299	89,736	40.3	96.8	42.0	12,346	Coal	45,839	12,084	1,107,884	3,932,248	4.38	85.78
6	6							Gas - G						
7	Crist 7	475	0	0.0	0.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
8	7							Gas - G						
9	Perdido		2,100					Landfill Gas				57,792	2.75	N/A
10	Scholz 1	46	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
11	Scholz 2	46	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
12	Smith 1	162	61,715	51.2	99.2	71.1	10,666	Coal	27,971	11,767	658,248	3,003,825	4.87	107.39
13	Smith 2	195	36,467	25.1	99.5	56.2	10,848	Coal	16,810	11,767	395,598	1,805,258	4.95	107.39
14	Smith 3	557	287,549	69.3	82.9	83.6	6,728	Gas	1,878,278	1,030	1,934,626	9,922,755	3.45	5.28
15	Smith A (CT)	36	0	0.0	100.0	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		5,720					Gas				228,628	4.00	N/A
17	Daniel 1 (1)	255	4,947	2.6	59.4	38.8	11,673	Coal	2,934	9,842	57,748	232,978	4.71	79.41
18	Daniel 2 (1)	255	4,317	2.3	98.7	37.6	11,209	Coal	2,458	9,842	48,389	195,223	4.52	79.42
19	Gas, BL							Gas	29,126	1,030	30,000	126,540	N/A	4.34
20	Ltr. Oil							Oil	1,174	139,400	6,876	148,375	N/A	126.34
21		2,476	524,793	28.5	72.2	44.2	8,999				4,626,727	21,028,484	4.01	

Notes:

(1) Represents Gulf's 50% Ownership

SYSTEM NET GENERATION AND FUEL COST  
GULF POWER COMPANY  
ESTIMATED FOR THE MONTH OF: NOVEMBER 2014

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost (\$)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit (\$/Unit)
1	Crist 4	75	26,070	48.3	99.3	55.7	12,002	Coal	12,946	12,084	312,892	1,125,320	4.32	86.92
2	4							Gas - G						
3	Crist 5	75	4,490	8.3	99.9	54.9	11,653	Coal	2,165	12,084	52,320	188,169	4.19	86.91
4	5							Gas - G						
5	Crist 6	299	81,579	37.9	96.9	0.0	11,823	Coal	39,908	12,084	964,506	3,468,858	4.25	86.92
6	6							Gas - G						
7	Crist 7	475	14,489	4.2	22.8	51.7	11,267	Coal	6,754	12,084	163,243	587,105	4.05	86.93
8	7							Gas - G						
9	Perdido		2,031					Landfill Gas				55,893	2.75	N/A
10	Scholz 1	46	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
11	Scholz 2	46	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
12	Smith 1	162	60,729	52.1	92.6	70.3	10,530	Coal	27,333	11,698	639,476	2,894,087	4.77	105.88
13	Smith 2	195	30,915	22.0	99.4	55.6	10,676	Coal	14,107	11,698	330,046	1,493,695	4.83	105.88
14	Smith 3	557	269,318	67.1	85.9	77.9	6,883	Gas	1,799,725	1,030	1,853,717	8,399,333	3.12	4.67
15	Smith A (CT)	36	0	0.0	100.0	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		5,536					Gas				221,274	4.00	N/A
17	Daniel 1 (1)	255	23,523	12.8	81.6	47.1	10,921	Coal	13,197	9,733	256,890	1,019,631	4.33	77.26
18	Daniel 2 (1)	255	0	0.0	72.3	0.0	N/A	Coal	0	0	0	0	N/A	N/A
19	Gas, BL							Gas	38,835	1,030	40,000	172,200	N/A	4.43
20	Ltr. Oil							Oil	956	139,400	5,596	121,051	N/A	126.66
21		2,476	518,680	29.1	76.3	44.6	9,433				4,618,686	19,746,616	3.81	

Notes:

(1) Represents Gulf's 50% Ownership

SYSTEM NET GENERATION AND FUEL COST  
GULF POWER COMPANY  
ESTIMATED FOR THE MONTH OF: DECEMBER 2014

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost (\$)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit (\$/Unit)
1	Crist 4	75	19,608	35.1	99.4	55.9	11,995	Coal						
2	4							Gas - G	9,736	12,078	235,198	877,035	4.47	90.08
3	Crist 5	75	4,868	8.7	100.0	55.5	11,626	Coal	2,343	12,078	56,593	211,031	4.34	90.07
4	5							Gas - G						
5	Crist 6	299	71,539	32.2	97.0	41.9	12,353	Coal	36,583	12,078	883,719	3,295,320	4.61	90.08
6	6							Gas - G						
7	Crist 7	475	85,965	24.3	97.6	54.5	11,161	Coal	39,718	12,078	959,459	3,577,749	4.16	90.08
8	7							Gas - G						
9	Perdido		2,100					Landfill Gas				57,792	2.75	N/A
10	Scholz 1	46	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
11	Scholz 2	46	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
12	Smith 1	162	4,946	4.1	67.3	67.9	10,549	Coal	2,239	11,650	52,175	235,606	4.76	105.23
13	Smith 2	195	76,890	53.0	99.7	56.4	10,844	Coal	35,785	11,650	833,795	3,765,154	4.90	105.22
14	Smith 3	584	360,237	82.9	99.0	83.7	6,804	Gas	2,379,660	1,030	2,451,050	10,941,233	3.04	4.60
15	Smith A (CT)	40	0	0.0	100.0	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		5,720					Gas				228,628	4.00	N/A
17	Daniel 1 (1)	255	42,059	22.2	95.8	52.5	10,694	Coal	23,329	9,640	449,783	1,762,198	4.19	75.54
18	Daniel 2 (1)	255	0	0.0	86.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
19	Gas, BL							Gas	38,835	1,030	40,000	179,120	N/A	4.61
20	Ltr. Oil							Oil	956	139,400	5,596	121,037	N/A	126.64
21		2,507	673,932	36.1	94.9	52.3	9,530				5,967,368	25,251,903	3.75	

Notes:

(1) Represents Gulf's 50% Ownership

**SYSTEM NET GENERATION AND FUEL COST  
GULF POWER COMPANY  
ESTIMATED FOR THE PERIOD OF: JANUARY 2014 - DECEMBER 2014**

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost (\$)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit (\$/Unit)
1	Crist 4	75	94,894	14.4	89.8	37.3	12,001	Coal	47,134	12,081	1,138,863	4,195,577	4.42	89.01
2	4							Gas - G	0	0	0	0		
3	Crist 5	75	159,119	24.2	91.0	56.1	11,695	Coal	77,089	12,070	1,860,924	7,082,904	4.45	91.88
4	5							Gas - G	0	0	0	0		
5	Crist 6	299	832,715	31.7	93.5	38.6	12,294	Coal	423,978	12,073	10,237,302	38,569,217	4.63	90.97
6	6							Gas - G	0	0	0	0		
7	Crist 7	475	1,542,277	37.0	78.1	53.7	11,045	Coal	705,876	12,067	17,035,017	65,337,103	4.24	92.56
8	7							Gas - G	0	0	0	0		
9	Perdido		24,720					Landfill Gas				680,294	2.75	N/A
10	Scholz 1	46	4,320	1.1	100.0	0.0	13,017	Coal	2,384	11,794	56,232	207,218	4.80	86.92
11	Scholz 2	46	6,480	1.6	100.0	0.0	13,515	Coal	3,711	11,800	87,576	322,719	4.98	86.96
12	Smith 1	162	663,773	46.6	95.9	70.8	10,577	Coal	288,661	12,161	7,021,014	33,823,285	5.10	117.17
13	Smith 2	195	498,935	29.1	96.4	53.6	10,814	Coal	223,156	12,089	5,395,289	25,744,881	5.16	115.37
14	Smith 3	565	3,846,888	77.4	92.8	83.6	6,824	Gas - G	25,486,311	1,030	26,250,901	124,330,289	3.23	4.88
15	Smith A (CT)	36	32	0.0	100.0	0.0	14,063	Oil - G	2	5,853,205	450	8,702	27.19	4,753.90
16	Other Generation		81,428					Gas				3,254,676	4.00	N/A
17	Daniel 1 (1)	255	763,439	34.1	87.2	54.2	10,489	Coal	400,750	9,991	8,007,464	33,690,948	4.41	84.07
18	Daniel 2 (1)	255	414,248	18.5	75.6	37.8	10,466	Coal	217,161	9,983	4,335,636	18,124,984	4.38	83.46
19	Gas, BL							Gas	417,475	1,030	430,000	1,807,910	N/A	4.33
20	Ltr. Oil							Oil	13,790	139,406	80,743	1,745,999	N/A	126.61
21		2,484	8,933,268	40.9	88.4	55.0	10,130				81,937,411	358,926,706	4.02	

Notes:

(1) Represents Gulf's 50% Ownership



SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS  
GULF POWER COMPANY  
ESTIMATED FOR THE PERIOD OF: JANUARY 2014 - DECEMBER 2014

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
<b>LIGHT OIL</b>													
1 PURCHASES :													
2 UNITS (BBL)	1,091	1,091	815	1,063	1,063	1,063	1,063	1,091	1,091	1,034	815	815	12,093
3 UNIT COST (\$/BBL)	125.29	125.29	125.42	125.28	125.28	125.28	125.28	125.29	125.29	125.27	125.42	125.42	125.31
4 AMOUNT (\$)	136,637	136,637	102,232	133,163	133,163	133,163	133,163	136,637	136,637	129,493	102,232	102,232	1,515,389
5 BURNED :													
6 UNITS (BBL)	1,231	1,233	960	1,204	1,204	1,204	1,204	1,235	1,231	1,174	956	956	13,790
7 UNIT COST (\$/BBL)	127.03	126.84	127.05	126.64	126.55	126.49	126.44	126.39	126.35	126.34	126.66	126.64	126.61
8 AMOUNT (\$)	156,408	156,373	121,918	152,421	152,320	152,241	152,178	156,114	155,563	148,375	121,051	121,037	1,745,999
9 ENDING INVENTORY :													
10 UNITS (BBL)	9,741	9,598	9,454	9,313	9,172	9,032	8,891	8,747	8,606	8,465	8,325	8,184	
11 UNIT COST (\$/BBL)	127.87	127.71	127.58	127.44	127.31	127.18	127.05	126.92	126.80	126.67	126.55	126.43	
12 AMOUNT (\$)	1,245,547	1,225,811	1,206,125	1,186,867	1,167,710	1,148,632	1,129,617	1,110,140	1,091,214	1,072,332	1,053,513	1,034,708	
13 DAYS SUPPLY:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>COAL</b>													
14 PURCHASES :													
15 UNITS (TONS)	200,590	200,850	204,817	198,750	255,717	227,742	265,913	277,553	202,675	127,283	129,993	148,186	2,440,069
16 UNIT COST (\$/TON)	93.85	94.60	92.91	94.63	88.48	95.64	89.86	91.55	95.01	93.26	93.11	92.21	92.73
17 AMOUNT (\$)	18,824,838	18,999,808	19,029,976	18,807,794	22,626,604	21,782,347	23,894,792	25,409,055	19,255,856	11,870,730	12,103,485	13,663,561	226,268,846
18 BURNED :													
19 UNITS (TONS)	243,676	160,430	178,932	178,803	267,139	218,538	273,963	268,487	221,750	112,039	116,410	149,733	2,389,900
20 UNIT COST (\$/TON)	101.73	101.35	98.83	100.80	91.03	93.89	94.96	91.42	89.74	94.11	92.58	91.66	95.02
21 AMOUNT (\$)	24,788,607	16,259,055	17,683,785	18,023,980	24,317,956	20,519,619	26,016,670	24,544,899	19,898,913	10,544,394	10,776,865	13,724,093	227,098,836
22 ENDING INVENTORY :													
23 UNITS (TONS)	555,437	595,857	621,742	641,689	630,267	639,471	631,421	640,487	621,412	636,656	650,239	648,692	
24 UNIT COST (\$/TON)	96.20	94.27	92.51	90.86	89.82	90.50	88.29	88.39	90.07	90.00	90.16	90.28	
25 AMOUNT (\$)	53,430,372	56,171,125	57,517,316	58,301,130	56,609,778	57,872,506	55,750,628	56,614,784	55,971,727	57,298,063	58,624,683	58,564,151	
26 DAYS SUPPLY:	27	28	30	31	30	31	30	31	30	30	31	31	

(1) Data excludes Gulf's CT in Santa Rosa County because MCF and MMBtu's are not available due to contract specifications.

SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS  
GULF POWER COMPANY  
ESTIMATED FOR THE PERIOD OF: JANUARY 2014 - DECEMBER 2014

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL	
<b>GAS (1)</b>														
31	<b>BURNED :</b>													
32	UNITS (MMBtu)	2,120,124	2,267,834	2,282,054	1,660,590	2,505,113	2,314,733	2,400,282	2,440,355	2,340,423	1,964,626	1,893,717	2,491,050	26,680,901
33	UNIT COST (\$/MMBtu)	4.39	4.33	4.37	5.29	4.76	4.91	4.88	4.89	4.93	5.12	4.53	4.46	4.73
34	AMOUNT (\$)	9,307,908	9,822,543	9,982,232	8,792,272	11,913,926	11,375,818	11,712,268	11,944,091	11,545,960	10,049,295	8,571,533	11,120,353	126,138,199
<b>OTHER - C.T. OIL</b>														
39	<b>PURCHASES :</b>													
40	UNITS (BBL)	0	0	0	0	0	0	77	0	0	0	0	0	77
41	UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	125.44	0.00	0.00	0.00	0.00	0.00	125.44
42	AMOUNT (\$)	0	0	0	0	0	0	9,659	0	0	0	0	0	9,659
43	<b>BURNED :</b>													
44	UNITS (BBL)	0	0	0	0	0	0	77	0	0	0	0	0	77
45	UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	113.01	0.00	0.00	0.00	0.00	0.00	113.01
46	AMOUNT (\$)	0	0	0	0	0	0	8,702	0	0	0	0	0	8,702
47	<b>ENDING INVENTORY :</b>													
48	UNITS (BBL)	7,143	7,143	7,143	7,143	7,143	7,143	7,143	7,143	7,143	7,143	7,143	7,143	7,143
49	UNIT COST (\$/BBL)	113.05	113.05	113.05	113.05	113.05	113.05	113.19	113.19	113.19	113.19	113.19	113.19	113.19
50	AMOUNT (\$)	807,531	807,531	807,531	807,531	807,531	807,531	808,488	808,488	808,488	808,488	808,488	808,488	808,488
51	DAYS SUPPLY:	4	4	4	4	4	4	4	4	4	4	4	4	4

(1) Data excludes Gulf's CT in Santa Rosa County because MCF and MMBtu's are not available due to contract specifications.

**POWER SOLD  
 GULF POWER COMPANY  
 ESTIMATED FOR THE PERIOD OF: JANUARY 2014 - DECEMBER 2014**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
LINE	MONTH TYPE & SCHEDULE	TOTAL kWh SOLD	kWh WHEELED FROM OTHER SYSTEMS	kWh FROM OWN GENERATION	(A) ¢ / kWh FUEL COST	(B) TOTAL COST	TOTAL \$ FOR FUEL ADJUSTMENT	TOTAL COST \$
<b>JANUARY</b>								
1	Southern Co. Interchange	302,085,000	0	302,085,000	2.98	3.34	8,997,000	10,078,000
2	Economy Sales	6,833,000	0	6,833,000	3.00	3.32	205,000	227,000
3	Gain on Economy Sales	0	0	0	0.00	0.00	68,000	68,000
4	<b>TOTAL ESTIMATED SALES</b>	<b>308,918,000</b>	<b>0</b>	<b>308,918,000</b>	<b>3.00</b>	<b>3.36</b>	<b>9,270,000</b>	<b>10,373,000</b>
<b>FEBRUARY</b>								
5	Southern Co. Interchange	293,142,000	0	293,142,000	2.87	3.22	8,420,000	9,452,000
6	Economy Sales	7,726,000	0	7,726,000	2.89	3.24	223,000	250,000
7	Gain on Economy Sales	0	0	0	0.00	0.00	66,000	66,000
8	<b>TOTAL ESTIMATED SALES</b>	<b>300,868,000</b>	<b>0</b>	<b>300,868,000</b>	<b>2.89</b>	<b>3.25</b>	<b>8,709,000</b>	<b>9,768,000</b>
<b>MARCH</b>								
9	Southern Co. Interchange	316,651,000	0	316,651,000	2.84	3.22	9,006,000	10,202,000
10	Economy Sales	5,967,000	0	5,967,000	3.05	3.39	182,000	202,000
11	Gain on Economy Sales	0	0	0	0.00	0.00	38,000	38,000
12	<b>TOTAL ESTIMATED SALES</b>	<b>322,618,000</b>	<b>0</b>	<b>322,618,000</b>	<b>2.86</b>	<b>3.24</b>	<b>9,226,000</b>	<b>10,442,000</b>
<b>APRIL</b>								
13	Southern Co. Interchange	36,418,000	0	36,418,000	3.54	3.97	1,289,000	1,447,000
14	Economy Sales	5,857,000	0	5,857,000	2.97	3.47	174,000	203,000
15	Gain on Economy Sales	0	0	0	0.00	0.00	35,000	35,000
16	<b>TOTAL ESTIMATED SALES</b>	<b>42,275,000</b>	<b>0</b>	<b>42,275,000</b>	<b>3.54</b>	<b>3.99</b>	<b>1,498,000</b>	<b>1,685,000</b>
<b>MAY</b>								
17	Southern Co. Interchange	218,275,000	0	218,275,000	3.44	3.75	7,504,000	8,191,000
18	Economy Sales	6,408,000	0	6,408,000	3.85	4.21	247,000	270,000
19	Gain on Economy Sales	0	0	0	0.00	0.00	48,000	48,000
20	<b>TOTAL ESTIMATED SALES</b>	<b>224,683,000</b>	<b>0</b>	<b>224,683,000</b>	<b>3.47</b>	<b>3.79</b>	<b>7,799,000</b>	<b>8,509,000</b>
<b>JUNE</b>								
21	Southern Co. Interchange	83,783,000	0	83,783,000	3.88	4.15	3,251,000	3,478,000
22	Economy Sales	4,601,000	0	4,601,000	3.74	4.13	172,000	190,000
23	Gain on Economy Sales	0	0	0	0.00	0.00	49,000	49,000
24	<b>TOTAL ESTIMATED SALES</b>	<b>88,384,000</b>	<b>0</b>	<b>88,384,000</b>	<b>3.93</b>	<b>4.21</b>	<b>3,472,000</b>	<b>3,717,000</b>

**POWER SOLD  
 GULF POWER COMPANY  
 ESTIMATED FOR THE PERIOD OF: JANUARY 2014 - DECEMBER 2014**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
MONTH		TOTAL	kWh	kWh	(A)	(B)	TOTAL \$	
LINE	TYPE & SCHEDULE	kWh	WHEELED FROM OTHER SYSTEMS	FROM OWN GENERATION	FUEL COST	TOTAL COST	FOR FUEL ADJUSTMENT	TOTAL COST \$
<b>JULY</b>								
1	Southern Co. Interchange	149,373,000	0	149,373,000	4.34	4.60	6,482,000	6,876,000
2	Economy Sales	4,339,000	0	4,339,000	4.10	4.47	178,000	194,000
3	Gain on Economy Sales	0	0	0	0.00	0.00	78,000	78,000
4	<b>TOTAL ESTIMATED SALES</b>	<b>153,712,000</b>	<b>0</b>	<b>153,712,000</b>	<b>4.38</b>	<b>4.65</b>	<b>6,738,000</b>	<b>7,148,000</b>
<b>AUGUST</b>								
5	Southern Co. Interchange	156,765,000	0	156,765,000	4.73	5.02	7,412,000	7,864,000
6	Economy Sales	5,756,000	0	5,756,000	4.01	4.34	231,000	250,000
7	Gain on Economy Sales	0	0	0	0.00	0.00	66,000	66,000
8	<b>TOTAL ESTIMATED SALES</b>	<b>162,521,000</b>	<b>0</b>	<b>162,521,000</b>	<b>4.74</b>	<b>5.03</b>	<b>7,709,000</b>	<b>8,180,000</b>
<b>SEPTEMBER</b>								
9	Southern Co. Interchange	158,331,000	0	158,331,000	3.70	4.05	5,861,000	6,413,000
10	Economy Sales	4,273,000	0	4,273,000	3.67	4.05	157,000	173,000
11	Gain on Economy Sales	0	0	0	0.00	0.00	48,595	57,000
12	<b>TOTAL ESTIMATED SALES</b>	<b>162,604,000</b>	<b>0</b>	<b>162,604,000</b>	<b>3.73</b>	<b>4.09</b>	<b>6,066,595</b>	<b>6,643,000</b>
<b>OCTOBER</b>								
13	Southern Co. Interchange	25,414,000	0	25,414,000	2.57	3.01	654,000	765,000
14	Economy Sales	6,747,000	0	6,747,000	2.95	3.38	199,000	228,000
15	Gain on Economy Sales	0	0	0	0.00	0.00	25,600	32,000
16	<b>TOTAL ESTIMATED SALES</b>	<b>32,161,000</b>	<b>0</b>	<b>32,161,000</b>	<b>2.73</b>	<b>3.19</b>	<b>878,600</b>	<b>1,025,000</b>
<b>NOVEMBER</b>								
17	Southern Co. Interchange	140,885,000	0	140,885,000	2.72	3.07	3,830,000	4,328,000
18	Economy Sales	7,930,000	0	7,930,000	2.67	3.04	212,000	241,000
19	Gain on Economy Sales	0	0	0	0.00	0.00	20,800	26,000
20	<b>TOTAL ESTIMATED SALES</b>	<b>148,815,000</b>	<b>0</b>	<b>148,815,000</b>	<b>2.73</b>	<b>3.09</b>	<b>4,062,800</b>	<b>4,595,000</b>
<b>DECEMBER</b>								
21	Southern Co. Interchange	227,270,000	0	227,270,000	2.87	3.19	6,512,000	7,255,000
22	Economy Sales	8,633,000	0	8,633,000	2.92	3.24	252,000	280,000
23	Gain on Economy Sales	0	0	0	0.00	0.00	52,000	65,000
24	<b>TOTAL ESTIMATED SALES</b>	<b>235,903,000</b>	<b>0</b>	<b>235,903,000</b>	<b>2.89</b>	<b>3.22</b>	<b>6,816,000</b>	<b>7,600,000</b>
<b>TOTAL</b>								
25	Southern Co. Interchange	2,108,392,000	0	2,108,392,000	3.28	3.62	69,218,000	76,349,000
26	Economy Sales	75,070,000	0	75,070,000	3.24	3.61	2,432,000	2,708,000
27	Gain on Economy Sales	0	0	0	0.00	0.00	594,995	628,000
28	<b>TOTAL ESTIMATED SALES</b>	<b>2,183,462,000</b>	<b>0</b>	<b>2,183,462,000</b>	<b>3.31</b>	<b>3.65</b>	<b>72,244,995</b>	<b>79,685,000</b>

SCHEDULE E-7

**PURCHASED POWER  
GULF POWER COMPANY  
(EXCLUSIVE OF ECONOMY ENERGY PURCHASES)**

ESTIMATED FOR THE PERIOD OF: JANUARY 2014 - DECEMBER 2014

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHED	(4) TOTAL kWh PURCH.	(5) kWh FOR OTHER UTILITIES	(6) kWh FOR INTERRUPTIBLE	(7) kWh FOR FIRM	(8) ¢ / kWh		(9) TOTAL \$ FOR FUEL ADJ.
							(A) FUEL COST	(B) TOTAL COST	
January	NONE								
February	NONE								
March	NONE								
April	NONE								
May	NONE								
June	NONE								
July	NONE								
August	NONE								
September	NONE								
October	NONE								
November	NONE								
December	NONE								
Total	NONE								

SCHEDULE E-8

ENERGY PAYMENT TO QUALIFYING FACILITIES  
 GULF POWER COMPANY  
 ESTIMATED FOR THE PERIOD OF: JANUARY 2014 - DECEMBER 2014

(1) MONTH	(2) PURCHASED FROM:	(3) TYPE AND SCHEDULE	(4) TOTAL kWh PURCHASED	(5) kWh FOR OTHER UTILITIES	(6) kWh FOR INTERRUPTIBLE	(7) kWh FOR FIRM	(8) ¢/kWh		(9) TOTAL \$ FOR FUEL ADJ.
							(A) FUEL COST	(B) TOTAL COST	
JANUARY		COG-1				None			
FEBRUARY		COG-1				None			
MARCH		COG-1				None			
APRIL		COG-1				None			
MAY		COG-1				None			
JUNE		COG-1				None			
JULY		COG-1				None			
AUGUST		COG-1				None			
SEPTEMBER		COG-1				None			
OCTOBER		COG-1				None			
NOVEMBER		COG-1				None			
DECEMBER		COG-1				None			
TOTAL			<u>0</u>			<u>0</u>			<u>0</u>

**SCHEDULE E-9**  
**Page 1 of 2**

**ECONOMY ENERGY PURCHASES**  
**GULF POWER COMPANY**  
**ESTIMATED FOR THE PERIOD OF: JANUARY 2014 - DECEMBER 2014**

(1)	(2)	(3)	(4)	(5)
MONTH		TOTAL kWh	TRANSACTION COST	TOTAL \$ FOR
LINE	TYPE & SCHEDULE	PURCHASED	¢ / kWh	FUEL ADJ.
<b>JANUARY</b>				
1	Southern Co. Interchange	20,062,000	3.62	726,000
2	Economy Energy	1,492,000	3.22	48,000
3	Other Purchases	433,135,000	3.06	13,254,362
4	TOTAL ESTIMATED PURCHASES	<u>454,689,000</u>	3.09	<u>14,028,362</u>
<b>FEBRUARY</b>				
5	Southern Co. Interchange	27,316,000	3.37	921,000
6	Economy Energy	3,023,000	3.31	100,000
7	Other Purchases	403,428,000	2.93	11,813,398
8	TOTAL ESTIMATED PURCHASES	<u>433,767,000</u>	2.96	<u>12,834,398</u>
<b>MARCH</b>				
9	Southern Co. Interchange	11,506,000	4.12	474,000
10	Economy Energy	1,481,000	3.58	53,000
11	Other Purchases	437,955,000	3.05	13,342,415
12	TOTAL ESTIMATED PURCHASES	<u>450,942,000</u>	3.08	<u>13,869,415</u>
<b>APRIL</b>				
13	Southern Co. Interchange	190,679,000	3.42	6,523,000
14	Economy Energy	3,086,000	3.37	104,000
15	Other Purchases	66,016,000	4.05	2,674,691
16	TOTAL ESTIMATED PURCHASES	<u>259,781,000</u>	3.58	<u>9,301,691</u>
<b>MAY</b>				
17	Southern Co. Interchange	40,724,000	4.40	1,790,000
18	Economy Energy	2,122,000	4.48	95,000
19	Other Purchases	318,780,000	3.07	9,777,300
20	TOTAL ESTIMATED PURCHASES	<u>361,626,000</u>	3.22	<u>11,662,300</u>
<b>JUNE</b>				
21	Southern Co. Interchange	79,203,000	4.47	3,541,000
22	Economy Energy	2,406,000	4.45	107,000
23	Other Purchases	423,231,000	3.12	13,196,326
24	TOTAL ESTIMATED PURCHASES	<u>504,840,000</u>	3.34	<u>16,844,326</u>

**SCHEDULE E-9**  
**Page 2 of 2**

**ECONOMY ENERGY PURCHASES**  
**GULF POWER COMPANY**  
**ESTIMATED FOR THE PERIOD OF: JANUARY 2014 - DECEMBER 2014**

(1)	(2)	(3)	(4)	(5)
MONTH		TOTAL kWh	TRANSACTION COST	TOTAL \$ FOR
LINE	TYPE & SCHEDULE	PURCHASED	¢ / kWh	FUEL ADJ.
JULY				
1	Southern Co. Interchange	42,850,000	4.29	1,837,000
2	Economy Energy	2,844,000	4.96	141,000
3	Other Purchases	509,939,000	3.10	15,825,980
4	TOTAL ESTIMATED PURCHASES	<u>555,633,000</u>	3.20	<u>17,803,980</u>
AUGUST				
5	Southern Co. Interchange	56,066,000	4.20	2,357,000
6	Economy Energy	3,326,000	4.96	165,000
7	Other Purchases	494,988,000	3.08	15,251,359
8	TOTAL ESTIMATED PURCHASES	<u>554,380,000</u>	3.21	<u>17,773,359</u>
SEPTEMBER				
9	Southern Co. Interchange	27,732,000	3.85	1,069,000
10	Economy Energy	1,857,000	4.42	82,000
11	Other Purchases	468,604,000	3.06	14,336,692
12	TOTAL ESTIMATED PURCHASES	<u>498,193,000</u>	3.11	<u>15,487,692</u>
OCTOBER				
13	Southern Co. Interchange	202,749,000	3.61	7,323,000
14	Economy Energy	5,580,000	3.48	194,000
15	Other Purchases	243,116,000	3.18	7,729,816
16	TOTAL ESTIMATED PURCHASES	<u>451,445,000</u>	3.38	<u>15,246,816</u>
NOVEMBER				
17	Southern Co. Interchange	47,741,000	3.16	1,508,000
18	Economy Energy	4,099,000	3.15	129,000
19	Other Purchases	404,277,000	2.98	12,055,969
20	TOTAL ESTIMATED PURCHASES	<u>456,117,000</u>	3.00	<u>13,692,969</u>
DECEMBER				
21	Southern Co. Interchange	35,235,000	3.23	1,138,000
22	Economy Energy	3,291,000	3.28	108,000
23	Other Purchases	450,067,000	3.11	13,981,815
24	TOTAL ESTIMATED PURCHASES	<u>488,593,000</u>	3.12	<u>15,227,815</u>
TOTAL FOR PERIOD				
25	Southern Co. Interchange	781,863,000	3.74	29,207,000
26	Economy Energy	34,607,000	3.83	1,326,000
27	Other Purchases	4,653,536,000	3.08	143,240,123
28	TOTAL ESTIMATED PURCHASES	<u>5,470,006,000</u>	3.18	<u>173,773,123</u>



**SCHEDULE E-10**

**GULF POWER COMPANY  
 RESIDENTIAL BILL COMPARISON  
 FOR MONTHLY USAGE OF 1,000 kWh  
 ESTIMATED FOR THE PERIOD OF: JANUARY 2014 - DECEMBER 2014**

	Current Approved Jan. 13 - Dec. 13 (\$/1,000 kWh)	Proposed Jan. 14 - Dec. 14 (\$/1,000 kWh)	Difference from Current (\$)	Difference from Current (%)
Base Rate	\$ 57.65	\$ 57.65	\$ -	0.0%
Fuel Cost Recovery	38.32	42.01	3.69	9.6%
Capacity Cost Recovery	4.67	6.80	2.13	45.6%
Energy Conservation Cost Recovery*	2.26	2.26	-	0.0%
Environmental Cost Recovery	12.53	15.54	3.01	24.0%
Subtotal	\$ 115.43	\$ 124.26	\$ 8.83	7.6%
Gross Receipts Tax	2.96	3.19	0.23	7.8%
Total	\$ 118.39	\$ 127.45	\$ 9.06	7.7%

\* For purposes of this comparison, the Energy Conservation factor has not yet been updated. The proposed 2014 Energy Conservation factor will be updated and filed with the FPSC on September 10, 2013.

**SCHEDULE E-11**

**ESTIMATED AS-AVAILABLE AVOIDED ENERGY COST  
GULF POWER COMPANY  
ESTIMATED FOR THE PERIOD OF: JANUARY 2014 - DECEMBER 2015**

	<u>TOTAL</u> <u>¢ / kWh</u>
2014 JANUARY	3.267
FEBRUARY	3.267
MARCH	3.267
APRIL	3.856
MAY	3.856
JUNE	3.856
JULY	3.856
AUGUST	3.856
SEPTEMBER	3.856
OCTOBER	3.856
NOVEMBER	3.267
DECEMBER	3.267
2015 JANUARY	3.354
FEBRUARY	3.354
MARCH	3.354
APRIL	3.731
MAY	3.731
JUNE	3.731
JULY	3.731
AUGUST	3.731
SEPTEMBER	3.731
OCTOBER	3.731
NOVEMBER	3.354
DECEMBER	3.354

**GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE  
 GULF POWER COMPANY  
 ESTIMATED FOR THE PERIOD OF: JANUARY 2014 - DECEMBER 2014**

LINE	LINE DESCRIPTION	2011	2012	2013	2014	% Change		
						2011 to 2012	2012 to 2013	2013 to 2014
<b>FUEL COST OF SYSTEM NET GENERATION (\$)</b>								
1	LIGHTER OIL (B.L.)	404,847	663,864	806,844	1,745,999	63.98	21.54	116.40
2	COAL	473,437,001	411,231,936	230,848,996	227,098,836	(13.14)	(43.86)	(1.62)
3	COAL at Scherer	0	0	0	0	0.00	0.00	0.00
4	GAS	147,491,326	131,747,551	125,616,386	124,330,289	(10.67)	(4.65)	(1.02)
5	GAS (B.L.)	0	0	0	1,807,910	0.00	0.00	100.00
6	LANDFILL GAS	638,895	685,856	704,503	680,294	7.35	2.72	(3.44)
7	OTHER - C.T.	0	0	123,790	8,702	0.00	100.00	(92.97)
8	OTHER GENERATION	2,528,728	2,453,961	1,814,318	3,254,676	(2.96)	(26.07)	79.39
9	TOTAL (\$)	<u>624,500,797</u>	<u>546,783,168</u>	<u>359,914,837</u>	<u>358,926,706</u>	(12.44)	(34.18)	(0.27)
<b>SYSTEM NET GENERATION (MWH)</b>								
10	COAL	9,701,804	8,417,818	4,624,257	4,980,200	(13.23)	(45.07)	7.70
11	GAS	3,517,639	3,428,937	4,059,172	3,846,888	(2.52)	18.38	(5.23)
12	LANDFILL GAS	25,363	26,440	26,366	24,720	4.25	(0.28)	(6.24)
13	OTHER - C.T.	0	0	512	32	0.00	100.00	(93.75)
14	OTHER GENERATION	50,524	50,618	50,524	81,428	0.19	(0.19)	61.17
15	TOTAL (MWH)	<u>13,295,330</u>	<u>11,923,813</u>	<u>8,760,831</u>	<u>8,933,268</u>	(10.32)	(26.53)	1.97
<b>UNITS OF FUEL BURNED</b>								
16	LIGHTER OIL (BBL)	3,931	4,895	6,864	13,792	24.53	40.24	100.93
17	COAL (TON)	4,515,305	3,958,270	2,201,050	2,389,900	(12.34)	(44.39)	8.58
18	GAS (MCF)	23,780,440	23,659,285	28,342,618	25,903,786	(0.51)	19.79	(8.60)
19	OTHER - C.T. (BBL)	0	0	1,161	77	0.00	100.00	(93.37)
<b>BTUS BURNED (MMBtu)</b>								
20	COAL + GAS B.L. + OIL B.L.	103,517,119	91,370,112	51,387,546	55,686,060	(11.73)	(43.76)	8.36
21	GAS - Generation	24,493,854	24,369,058	27,773,568	26,250,901	(0.51)	13.97	(5.48)
22	OTHER - C.T.	0	0	6,802	450	0.00	100.00	(93.38)
23	TOTAL (MMBtu)	<u>128,010,973</u>	<u>115,739,170</u>	<u>79,167,916</u>	<u>81,937,411</u>	(9.59)	(31.60)	3.50
<b>GENERATION MIX (% MWH)</b>								
24	COAL + GAS B.L. + OIL B.L.	72.97	70.60	52.78	55.75	(3.25)	(25.24)	5.63
25	GAS - Generation	26.46	28.76	46.33	43.06	8.69	61.09	(7.06)
26	LANDFILL GAS	0.19	0.22	0.30	0.28	15.79	36.36	(6.67)
27	OTHER - C.T.	0.00	0.00	0.01	0.00	0.00	100.00	(100.00)
28	OTHER GENERATION	0.38	0.42	0.58	0.91	10.53	38.10	56.90
29	TOTAL (% MWH)	<u>100.00</u>	<u>100.00</u>	<u>100.00</u>	<u>100.00</u>	0.00	0.00	0.00
<b>FUEL COST PER UNIT</b>								
30	LIGHTER OIL B.L. (\$/BBL)	103.00	135.63	117.55	126.60	31.68	(13.33)	7.70
31	COAL (\$/TON)	104.85	103.89	104.88	95.02	(0.92)	0.95	(9.40)
32	GAS + B.L. (\$/MCF)	6.20	5.57	4.43	4.87	(10.16)	(20.47)	9.93
33	OTHER - C.T.	#N/A	#N/A	106.62	113.01	#N/A	#N/A	5.99
<b>FUEL COST (\$ / MMBtu)</b>								
34	COAL + GAS B.L. + OIL B.L.	4.58	4.51	4.51	4.14	(1.53)	0.00	(8.20)
35	GAS - Generation	6.02	5.41	4.52	4.74	(10.13)	(16.45)	4.87
36	OTHER - C.T.	#N/A	#N/A	18.20	19.34	#N/A	#N/A	6.26
37	TOTAL (\$/MMBtu)	<u>4.85</u>	<u>4.70</u>	<u>4.51</u>	<u>4.33</u>	(3.09)	(4.04)	(3.99)
<b>BTU BURNED (Btu / kWh)</b>								
38	COAL + GAS B.L. + OIL B.L.	10,670	10,854	11,113	11,181	1.72	2.39	0.61
39	GAS - Generation	6,963	7,107	6,842	6,824	2.07	(3.73)	(0.26)
40	OTHER - C.T.	#N/A	#N/A	13,285	14,063	#N/A	#N/A	5.86
41	TOTAL (Btu/kWh)	<u>9,665</u>	<u>9,748</u>	<u>9,089</u>	<u>9,282</u>	<u>0.86</u>	<u>(6.76)</u>	<u>2.12</u>
<b>FUEL COST (¢ / kWh)</b>								
42	COAL + GAS B.L. + OIL B.L.	4.88	4.89	5.01	4.63	0.20	2.45	(7.58)
43	GAS - Generation	4.19	3.84	3.09	3.23	(8.35)	(19.53)	4.53
44	LANDFILL GAS	2.52	2.59	2.67	2.75	2.78	3.09	3.00
45	OTHER - C.T.	#N/A	#N/A	24.18	27.19	#N/A	#N/A	12.45
46	OTHER GENERATION	5.01	4.85	3.59	4.00	(3.19)	(25.98)	11.42
47	TOTAL (¢ / kWh)	<u>4.70</u>	<u>4.59</u>	<u>4.11</u>	<u>4.02</u>	<u>(2.34)</u>	<u>(10.46)</u>	<u>(2.19)</u>

**Projected Purchased Power Capacity Payments / (Receipts)  
Gulf Power Company  
For January 2014 - December 2014**

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 Projected IIC Payments / (Receipts) (\$)	0	0	0	0	0	0	0	0	0	0	0	0	0
2 Other Capacity Payments / (Receipts) (\$)	2,561,806	2,561,807	2,463,385	2,463,385	3,053,926	7,254,089	7,254,089	7,254,089	7,254,089	7,254,089	7,254,089	7,254,089	63,882,932
3 Projected Transmission Revenue	(13,000)	(15,000)	(12,000)	(12,000)	(13,000)	(9,000)	(9,000)	(11,000)	(8,000)	(13,000)	(16,000)	(17,000)	(148,000)
4 Total Projected Capacity Payments / (Receipts) (Line 1 + 2 + 3) (\$)	2,548,806	2,546,807	2,451,385	2,451,385	3,040,926	7,245,089	7,245,089	7,243,089	7,246,089	7,241,089	7,238,089	7,237,089	63,734,932
5 Jurisdictional %	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	
6 Projected Jurisdictional Capacity Payments / (Receipts) (Line 4 x Line 5) (\$)	2,474,163	2,472,223	2,379,595	2,379,595	2,951,871	7,032,914	7,032,914	7,030,972	7,033,884	7,029,031	7,026,119	7,025,148	61,868,429
7 True-Up (\$)													2,161,010
8 Total Jurisdictional Amount to be Recovered (Line 6 + Line 7) (\$)													64,029,439
9 Revenue Tax Multiplier													1.00072
10 Total Recoverable Capacity Payments / (Receipts) (Line 8 x Line 9) (\$)													64,075,540

Calculation of Jurisdictional % \*

	12 CP KW	%
FPSC	1,788,856.26	97.07146%
FERC	53,967.91	2.92854%
Total	1,842,824.17	100.00000%

\* Based on 2012 Actual Data

**Schedule CCE-1A**

**PURCHASED POWER CAPACITY COST RECOVERY CLAUSE  
CALCULATION OF TRUE-UP  
GULF POWER COMPANY  
TO BE INCLUDED IN THE PERIOD JANUARY 2014 - DECEMBER 2014**

1. Estimated over/(under)-recovery, January 2013 - December 2013 (Schedule CCE-1B, Line 15 + Line 18)	(\$2,263,786)
2. Final over/(under)-recovery, January 2012 - December 2012 (Exhibit RWD-1, Schedule CCA-1, filed March 1, 2013)	<u>102,776</u>
3. Total Over/(Under)-Recovery (Line 1 + 2) (To be included in January 2014 - December 2014)	<u>(\$2,161,010)</u>
4. Jurisdictional kWh sales, January 2014 - December 2014	<u>11,154,278,000</u>
5. True-up Factor (Line 3 / Line 4) x 100 (¢/kWh)	<u><u>0.0194</u></u>

**PURCHASED POWER CAPACITY COST RECOVERY CLAUSE  
CALCULATION OF ESTIMATED TRUE-UP AMOUNT  
GULF POWER COMPANY  
FOR THE PERIOD JANUARY 2013 - DECEMBER 2013**

	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	Total
1 IIC Payments/(Receipts) (\$)	419,141	(106,345)	341,687	42,060	(4,527)	(2,216)	0	0	0	0	0	0	690,790
2 Other Capacity Payments / (Receipts) (\$)	1,961,029	2,003,882	2,048,096	2,003,745	2,601,116	6,780,108	7,267,649	7,018,398	7,017,398	2,239,398	2,240,398	2,240,398	45,421,616
3 Transmission Revenue (\$)	(9,396)	(10,325)	(11,718)	(9,510)	(10,547)	(9,573)	(10,000)	(13,000)	(10,000)	(15,000)	(18,000)	(19,000)	(146,069)
4 Total Capacity Payments/(Receipts) (\$)	2,370,774	1,888,212	2,378,065	2,036,285	2,586,042	6,768,319	7,257,649	7,005,398	7,007,398	2,224,398	2,222,398	2,221,398	45,966,336
5 Jurisdictional %	0.9657346	0.9657346	0.9657346	0.9657346	0.9657346	0.9657346	0.9657346	0.9657346	0.9657346	0.9657346	0.9657346	0.9657346	
6 Jurisdictional Capacity Payments/(Receipts) (Line 4 x Line 5) (\$)	2,289,538	1,823,512	2,296,580	1,968,511	2,497,430	6,536,400	7,008,963	6,766,355	6,767,287	2,148,178	2,146,247	2,145,281	44,391,282
7 Retail kWh Sales							1,198,377,000	1,181,726,000	1,034,929,000	865,410,000	762,800,000	852,320,000	
8 Purchased Power Capacity Cost Recovery Factor (¢/kWh)							0.397	0.397	0.397	0.397	0.397	0.397	
9 Capacity Cost Recovery Revenues (Line 7 x Line 8/100) (\$)	3,092,021	2,777,430	3,146,594	2,854,644	3,482,025	4,346,407	4,757,557	4,691,452	4,108,668	3,435,678	3,028,316	3,383,710	43,104,492
10 Revenue Taxes (Line 9 x .00072) (\$)	2,226	2,000	2,266	2,055	2,507	3,129	3,425	3,378	2,968	2,474	2,180	2,436	31,034
11 True-Up Provision (\$)	(78,807)	(78,807)	(78,807)	(78,807)	(78,807)	(78,807)	(78,807)	(78,807)	(78,807)	(78,807)	(78,807)	(78,807)	(945,684)
Capacity Cost Recovery Revenues Net of Revenue Taxes (Line 9 - Line 10 + Line 11) (\$)	3,010,988	2,696,623	3,065,511	2,773,782	3,400,711	4,264,471	4,675,325	4,609,267	4,026,903	3,354,397	2,947,329	3,302,467	42,127,774
13 Over/(Under) Recovery (Line 12 - Line 6) (\$)	721,450	873,111	768,931	807,271	903,281	(2,271,929)	(2,333,638)	(2,156,088)	(2,740,384)	1,206,219	801,082	1,157,186	(2,263,508)
14 Interest Provision (\$)	(26)	34	100	147	197	137	15	(93)	(212)	(246)	(192)	(139)	(278)
15 Total Estimated True-Up for the Period January 2013 - December 2013 (Line 13 + Line 14) (\$)													(2,263,786)
16 Beginning Balance True-Up & Interest Provision (\$)	(842,908)	(42,677)	909,275	1,757,113	2,643,338	3,625,623	1,432,638	(822,178)	(2,899,552)	(5,561,341)	(4,276,561)	(3,396,864)	(842,908)
17 True-Up Collected/(Refunded) (\$)	78,807	78,807	78,807	78,807	78,807	78,807	78,807	78,807	78,807	78,807	78,807	78,807	945,684
18 Adjustment (\$)	0	0	0	0	0	0	0	0	0	0	0	0	0
19 End of Period TOTAL Net True-Up (Lines 13 + 14 + 16 + 17 + 18) (\$)	(42,677)	909,275	1,757,113	2,643,338	3,625,623	1,432,638	(822,178)	(2,899,552)	(5,561,341)	(4,276,561)	(3,396,864)	(2,161,010)	(2,161,010)

Calculation of Purchased Power Capacity Cost Recovery Factors  
Gulf Power Company  
For January 2014 - December 2014

Rate Class	A	B	C	D	E	F	G	H	I
	Average 12 CP Load Factor at Meter	2014 Projected KWH Sales at Meter	Projected Avg 12 CP KW at Meter Col B / (8,760 hours x Col A)	Demand Loss Expansion Factor	Energy Loss Expansion Factor	2014 Projected KWH Sales at Generation Col B x Col E	Projected Avg 12 CP KW at Generation Col C x Col D	Percentage of KWH Sales at Generation Col F / Total Col F	Percentage of 12 CP KW Demand at Generation Col G / Total Col G
RS, RSVP	57.025261%	5,264,442,000	1,053,855.24	1.00820508	1.00777864	5,305,392,199	1,062,502.21	47.58292%	56.58285%
GS	65.082883%	291,284,000	51,091.16	1.00820395	1.00777656	293,549,188	51,510.31	2.63278%	2.74315%
GSD, GSDT, GSTOU	75.900487%	2,733,688,000	411,149.98	1.00800263	1.00762887	2,754,542,950	414,440.26	24.70491%	22.07074%
LP, LPT	85.148219%	1,233,654,000	165,391.69	0.97344897	0.98364378	1,213,476,084	161,000.37	10.88341%	8.57397%
PX, PXT, RTP, SBS	88.430490%	1,477,617,000	190,746.13	0.95247952	0.96644352	1,428,033,375	181,681.78	12.80773%	9.67534%
OS - I / II	782.722832%	109,296,000	1,594.01	1.00802086	1.00777465	110,145,738	1,606.80	0.98787%	0.08557%
OS-III	101.182319%	44,297,000	<u>4,997.65</u>	1.00838359	1.00778595	<u>44,641,894</u>	<u>5,039.55</u>	<u>0.40038%</u>	<u>0.26838%</u>
TOTAL		<u>11,154,278,000</u>	<u>1,878,825.86</u>			<u>11,149,781,428</u>	<u>1,877,781.28</u>	<u>100.00000%</u>	<u>100.00000%</u>

Notes:

Col A - Average 12 CP load factor based on actual 2012 load research data.

Col C - 8,760 is the number of hours in 12 months.

Calculation of Purchased Power Capacity Cost Recovery Factors  
Gulf Power Company  
For January 2014 - December 2014

<u>Rate Class</u>	A 2014 Percentage of KWH Sales at Generation Page 1, Col H	B Percentage of 12 CP KW Demand at Generation Page 1, Col I	C Energy- Related Costs (\$)	D Demand- Related Costs (\$)	E Total Capacity Costs (\$) Col C + Col D	F 2014 Projected KWH Sales at Meter Page 1, Col B	G Capacity Cost Recovery Factors (¢ / KWH) Col E / Col F x 100
RS, RSVP	47.58292%	56.58285%	2,345,309	33,466,861	35,812,170	5,264,442,000	0.680
GS	2.63278%	2.74315%	129,767	1,622,481	1,752,248	291,284,000	0.602
GSD, GSDT, GSTOU	24.70491%	22.07074%	1,217,677	13,054,104	14,271,781	2,733,688,000	0.522
LP, LPT	10.88341%	8.57397%	536,431	5,071,216	5,607,647	1,233,654,000	0.455
PX, PXT, RTP, SBS	12.80773%	9.67534%	631,279	5,722,640	6,353,919	1,477,617,000	0.430
OS - I / II	0.98787%	0.08557%	48,691	50,612	99,303	109,296,000	0.091
OS-III	<u>0.40038%</u>	<u>0.26838%</u>	<u>19,734</u>	<u>158,738</u>	<u>178,472</u>	<u>44,297,000</u>	0.403
TOTAL	<u>100.00000%</u>	<u>100.00000%</u>	<u>\$4,928,888</u>	<u>\$59,146,652</u>	<u>\$64,075,540</u>	<u>11,154,278,000</u>	<u>0.574</u>

Notes:

Col C - (Recoverable Amount from Schedule CCE-1, line 10) / 13 x Col A

Col D - (Recoverable Amount from Schedule CCE-1, line 10) x 12 / 13 x Col B



1 A B C D E F G H I J K L M N O P

2 Gulf Power Company  
3 2014 Capacity Contracts

Contract/Counterparty	Term		Contract Type
	Start	End <sup>(1)</sup>	
Southern Intercompany Interchange	5/1/2007	5 Yr Notice	SES Opco
<u>PPAs</u>			
Coral Power, LLC	6/1/2009	5/31/2014	Firm
Southern Power Company	6/1/2009	5/31/2014	Firm
Shell Energy N.A. (U.S.), LP <sup>(2)</sup>	11/2/2009	5/31/2023	Non-Firm
<u>Other</u>			
South Carolina PSA	9/1/2003	-	Other

17 (1) Unless otherwise noted, contract remains effective unless terminated upon 30 days prior written notice.  
18 (2) Contract megawatts become firm no later than June 1, 2014.

23 Capacity Costs  
24 2013

Contract	January		February		March		April		May		June		
	MW	\$	MW	\$	MW	\$	MW	\$	MW	\$	MW	\$	
Southern Intercompany Interchange	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	
<u>PPAs</u>													
Coral Power, LLC	[REDACTED]											0.0	0
Southern Power Company	[REDACTED]											0.0	0
Shell Energy N.A. (U.S.), LP	[REDACTED]												
<u>Other</u>													
South Carolina PSA	[REDACTED]												
<b>Total</b>		2,561,806		2,561,807		2,463,385		2,463,385		3,053,926		7,254,089	

A B C D E F G H I J K L M N O P Q

1  
2 Gulf Power Company  
3 2014 Capacity Contracts  
4  
5

7 Contract/Counterparty	Term		Contract Type
	Start	End <sup>(1)</sup>	
8 Southern Intercompany Interchange	5/1/2007	5 Yr Notice	SES Opco
9 <u>PPAs</u>			
10 Coral Power,LLC	6/1/2009	5/31/2014	Firm
11 Southern Power Company	6/1/2009	5/31/2014	Firm
12 Shell Energy N.A. (U.S.), LP <sup>(2)</sup>	11/2/2009	5/31/2023	Non-Firm
13 <u>Other</u>			
14 South Carolina PSA	9/1/2003	-	Other

15  
16  
17 (1) Unless otherwise noted, contract remains effective unless terminated upon 30 days prior written notice.  
18 (2) Contract megawatts become firm no later than June 1, 2014.

19  
20  
21  
22  
23 Capacity Costs  
24 2013

25 Contract	July		August		September		October		November		December		Total \$
	MW	\$	MW	\$	MW	\$	MW	\$	MW	\$	MW	\$	
26 Southern Intercompany Interchange	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0
27 <u>PPAs</u>													
28 Coral Power,LLC	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	
29 Southern Power Company	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	
30 Shell Energy N.A. (U.S.), LP													
31 <b>Total PPA's</b>													63,920,684
32 <u>Other</u>													
33 South Carolina PSA													(37,752)
34 <b>Total</b>		7,254,089		7,254,089		7,254,089		7,254,089		7,254,089		7,254,089	63,882,932

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

**FUEL AND PURCHASED POWER COST  
RECOVERY CLAUSE**

**Docket No. 130001-EI**

**PREPARED DIRECT TESTIMONY  
AND EXHIBITS OF**

**M. A. YOUNG, III**

**GENERATING PERFORMANCE INCENTIVE  
FACTOR TARGETS FOR**

**JANUARY 2014 – DECEMBER 2014**

**AUGUST 30, 2013**



**A SOUTHERN COMPANY**

1 GULF POWER COMPANY

2 Before the Florida Public Service Commission  
3 Direct Testimony of  
4 M. A. Young, III  
5 Docket No. 130001-EI  
6 Date of Filing: August 30, 2013

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

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

11 Q. Please describe your educational and business background.

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

1 In this position I am responsible for preparing all Generating Performance  
2 Incentive Factor (GPIF) filings as well as other generating plant reliability  
3 and heat 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 targets for Gulf Power Company  
7 for the period of January 1, 2014 through December 31, 2014.

8  
9 Q. Have you prepared an exhibit that contains information to which you will  
10 refer in your testimony?

11 A. Yes. I have prepared one exhibit entitled MAY-2 consisting of three  
12 schedules.

13  
14 Q. Was this exhibit prepared by you or under your direction and supervision?

15 A. Yes, it was.

16 Counsel: We ask that Mr. Young's exhibit consisting  
17 of three schedules be marked for identification  
18 as Exhibit\_\_\_\_(MAY-2).

19  
20 Q. Which units does Gulf propose to include under the GPIF for the subject  
21 period?

22 A. We propose that Crist Units 5, 6 and 7, Smith Units 1, 2 and 3, be  
23 included as the Company's GPIF units. The projected net generation from  
24 these units is approximately 81% of Gulf's projected net generation for  
25 2014.

1 Q. For these units, what are the target heat rates Gulf proposes to use in the  
2 GPIF for these units for the performance period January 1, 2014 through  
3 December 31, 2014?

4 A. I would like to refer you to page 28 of Schedule 1 of my exhibit where these  
5 targets are listed.  
6

7 Q. How were these proposed target heat rates determined?

8 A. They were determined according to the GPIF Implementation Manual  
9 procedures for Gulf.  
10

11 Q. Describe how the targets were determined for Gulf's proposed GPIF units.

12 A. Page 2 of Schedule 1 of my exhibit shows the target average net  
13 operating heat rate equations for the proposed GPIF units and pages 4  
14 through 25 of Schedule 1 contain the weekly historical data used for the  
15 statistical development of these equations. Pages 26 and 27 of Schedule  
16 1 present the calculations that provide the unit target heat rates from the  
17 target equations.  
18

19 Q. Were the maximum and minimum attainable heat rates for each proposed  
20 GPIF unit indicated on page 28 of Schedule 1 of your exhibit calculated  
21 according to the appropriate GPIF Implementation Manual procedures?

22 A. Yes.  
23  
24  
25

1 Q. What are the proposed target, maximum, and minimum equivalent  
2 availabilities for Gulf's units?  
3 A. The target, maximum, and minimum equivalent availabilities are listed on  
4 page 4 of Schedule 2 of my exhibit.

5  
6 Q. How were the target equivalent availabilities determined?  
7 A. The target equivalent availabilities were determined according to the  
8 standard GPIF Implementation Manual procedures for Gulf and are  
9 presented on page 2 of Schedule 2 of my exhibit.

10  
11 Q. How were the maximum and minimum attainable equivalent availabilities  
12 determined for each unit?  
13 A. The maximum and minimum attainable equivalent availabilities, which are  
14 presented along with their respective target availabilities on page 4 of  
15 Schedule 2 of my exhibit, were determined per GPIF Implementation  
16 Manual procedures for Gulf.

17  
18 Q. Mr. Young, has Gulf completed the GPIF minimum filing requirements  
19 data package?  
20 A. Yes, we have completed the minimum filing requirements data package.  
21 Schedule 3 of my exhibit contains this information.

22  
23  
24  
25

1 Q. Should the Commission consider termination or modification of the  
2 existing GPIF process at this time?

3 A. No. The GPIF process was reviewed most recently in 2006 in Docket No.  
4 060001-EI. As a result of that thorough review and the review undertaken  
5 in this docket, Gulf has not identified any reasons that justify the  
6 termination or modification of the GPIF process. While Gulf does not  
7 believe any revisions to the current GPIF process are necessary, Gulf is  
8 not opposed to modifications to how rewards or penalties are calculated  
9 as long as the modifications are symmetrical. Gulf would be agreeable to  
10 setting the maximum reward/penalty at 50 percent of the fuel savings/loss  
11 and using a linear interpolation of the reward/penalty. This modification to  
12 the GPIF process was raised by the Commission's staff in this docket.

13

14 Q. Mr. Young, would you please summarize your testimony?

15 A. Yes. Gulf asks that the Commission accept:

16 1. Crist Units 5, 6 and 7, Smith Units 1, 2 and 3 for inclusion under the  
17 GPIF for the period of January 1, 2014 through December 31, 2014.

18

19 2. The target, maximum attainable, and minimum attainable average net  
20 operating heat rates, as proposed by the Company and as shown on  
21 page 28 of Schedule 1 and also on page 5 of Schedule 3 of my exhibit.

22

23 3. The target, maximum attainable, and minimum attainable equivalent  
24 availabilities, as proposed by the Company and as shown on page 4 of  
25 Schedule 2 and also on page 5 of Schedule 3 of my exhibit.



1 4. The weekly average net operating heat rate least squares regression  
2 equations, shown on page 2 of Schedule 1 and also on pages 18  
3 through 29 of Schedule 3 of my exhibit, for use in adjusting the annual  
4 actual unit heat rates to target conditions.

5

6 5. The GPIF process should be continued and not modified.

7

8 Q. Mr. Young, does this conclude your testimony?

9 A. Yes.

10

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AFFIDAVIT


STATE OF FLORIDA     )  
                                  )  
COUNTY OF ESCAMBIA )

Docket No. 130001-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 of Gulf Power Company, a Florida corporation, that the foregoing is true and correct to the best of his knowledge and belief. He is personally known to me.

  
Melvin A. Young, III  
Power Generation Specialist

Sworn to and subscribed before me this 27<sup>th</sup> day of August, 2013.

  
Notary Public, State of Florida at Large



MELISSA A. DARNES  
MY COMMISSION # EE 150873  
EXPIRES: December 17, 2015  
Bonded Thru Budget Notary Services

EXHIBIT TO THE TESTIMONY OF

M. A. YOUNG, III

IN FPSC DOCKET 130001-EI

I. DETERMINATION OF HEAT RATE TARGETS

Target Heat Rate Equations

Crist 5 ANOHR =  $10^6 / AKW * [230.19 + 12.41 * JUN + 16.35 * JUL + 17.53 * OCT]$   
 $+ 3,801 + 0.05350 * LSRF / AKW$

Crist 6 ANOHR =  $10^6 / AKW * [1012.40 + 50.51 * APR - 115.89 * MAY + 67.27 * JUL - 67.36 * NOV]$   
 $+ 1,428 + 0.02148 * LSRF / AKW$

Crist 7 ANOHR =  $10^6 / AKW * [1373.91 - 101.46 * MAR + 164.88 * APR]$   
 $+ 3,451 + 0.00908 * LSRF / AKW$

Smith 1 ANOHR =  $10^6 / AKW * [59.93 + 11.03 * MAR + 6.71 * MAY + 9.25 * JUN + 11.47 * JUL + 12.00 * AUG + 16.27 * OCT]$   
 $+ 10,004$

Smith 2 ANOHR =  $10^6 / AKW * [89.09 - 19.11 * JAN - 36.70 * MAR - 27.06 * APR - 20.50 * MAY - 19.52 * NOV]$   
 $+ 10,035$

Smith 3 ANOHR =  $10^6 / AKW * [284.85 + 32.50 * JUL - 45.08 * OCT]$   
 $+ 6,495 - 0.00002 * LSRF / AKW$

Where:

- ANOHR = Average Net Operating Heat Rate, BTU/KWH
- AKW = Average Kilowatt Load, KW
- LSRF = Load Square Range Factor, KW<sup>2</sup>
- BTU/LB = Coal Burned Average Heat Content, BTU/LB
- 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

WEEKLY UNIT OPERATING  
DATA USED TO DEVELOP  
TARGET HEAT RATE EQUATIONS

Data Base for CRIST 5 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
11394	168	57.7	3524	0	0	0	0	0	0	1	0	0	0	0	0	2010
11343	168	60.5	3865	0	0	0	0	0	0	1	0	0	0	0	0	2010
11481	168	55.0	3220	0	0	0	0	0	0	1	0	0	0	0	0	2010
11338	168	60.0	3797	0	0	0	0	0	0	1	0	0	0	0	0	2010
11618	168	59.1	3688	0	0	0	0	0	0	0	1	0	0	0	0	2010
11617	168	59.3	3745	0	0	0	0	0	0	0	1	0	0	0	0	2010
11267	168	58.2	3586	0	0	0	0	0	0	0	1	0	0	0	0	2010
10840	168	58.2	3530	0	0	0	0	0	0	0	1	0	0	0	0	2010
11320	168	54.0	3007	0	0	0	0	0	0	0	1	0	0	0	0	2010
11113	168	58.5	3513	0	0	0	0	0	0	0	0	1	0	0	0	2010
11852	168	60.5	3886	0	0	0	0	0	0	0	0	1	0	0	0	2010
12081	168	59.0	3702	0	0	0	0	0	0	0	0	1	0	0	0	2010
12536	168	45.4	2193	0	0	0	0	0	0	0	0	1	0	0	0	2010
13578	27	36.0	1500	0	0	0	0	0	0	0	0	0	1	0	1	2010
*10085	163	47.3	3086	0	0	0	0	0	0	0	0	0	1	0	0	2010
12190	168	47.9	2465	0	0	0	0	0	0	0	0	0	1	0	0	2010
12329	168	48.5	2542	0	0	0	0	0	0	0	0	0	1	0	0	2010
12387	168	40.7	1655	0	0	0	0	0	0	0	0	0	1	0	0	2010
11611	169	50.2	2547	0	0	0	0	0	0	0	0	0	0	1	0	2010
11036	168	50.0	2516	0	0	0	0	0	0	0	0	0	0	1	0	2010
10842	166	57.1	3422	0	0	0	0	0	0	0	0	0	0	1	0	2010
11454	168	64.3	4265	0	0	0	0	0	0	0	0	0	0	1	0	2010
12085	105	62.0	4008	0	0	0	0	0	0	0	0	0	0	0	0	2010
11124	73	59.1	3707	1	0	0	0	0	0	0	0	0	0	0	1	2011
10667	168	66.4	4503	1	0	0	0	0	0	0	0	0	0	0	0	2011
10560	168	68.0	4732	1	0	0	0	0	0	0	0	0	0	0	0	2011
10697	168	66.7	4575	1	0	0	0	0	0	0	0	0	0	0	0	2011
10867	168	64.2	4262	0	1	0	0	0	0	0	0	0	0	0	0	2011
10546	168	60.8	3749	0	1	0	0	0	0	0	0	0	0	0	0	2011
11132	167	61.1	3867	0	1	0	0	0	0	0	0	0	0	0	0	2011
11007	168	63.9	4224	0	1	0	0	0	0	0	0	0	0	0	0	2011
10969	168	63.6	4201	0	0	1	0	0	0	0	0	0	0	0	0	2011
11022	84	60.8	3941	0	0	1	0	0	0	0	0	0	0	0	0	2011
10912	104	58.5	3683	0	0	1	0	0	0	0	0	0	0	0	1	2011
10403	168	65.9	4486	0	0	1	0	0	0	0	0	0	0	0	0	2011
10403	168	65.2	4413	0	0	0	1	0	0	0	0	0	0	0	0	2011
10275	168	65.9	4504	0	0	0	1	0	0	0	0	0	0	0	0	2011
10525	168	64.8	4364	0	0	0	1	0	0	0	0	0	0	0	0	2011
10910	168	58.6	3645	0	0	0	1	0	0	0	0	0	0	0	0	2011
11381	168	51.4	2850	0	0	0	0	1	0	0	0	0	0	0	0	2011
11128	168	47.5	2373	0	0	0	0	1	0	0	0	0	0	0	0	2011
11324	168	40.8	1690	0	0	0	0	1	0	0	0	0	0	0	0	2011
11277	168	47.3	2367	0	0	0	0	1	0	0	0	0	0	0	0	2011
11277	168	54.5	3198	0	0	0	0	1	0	0	0	0	0	0	0	2011
11672	168	54.6	3213	0	0	0	0	0	1	0	0	0	0	0	0	2011
11844	168	54.3	3197	0	0	0	0	0	1	0	0	0	0	0	0	2011
11439	168	50.4	2702	0	0	0	0	0	1	0	0	0	0	0	0	2011

Data Base for CRIST 5 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
11532	144	48.3	2480	0	0	0	0	0	1	0	0	0	0	0	0	2011
12006	168	49.5	2645	0	0	0	0	0	0	1	0	0	0	0	0	2011
11828	168	51.1	2787	0	0	0	0	0	0	1	0	0	0	0	0	2011
11209	168	54.5	3106	0	0	0	0	0	0	1	0	0	0	0	0	2011
10488	168	60.8	3744	0	0	0	0	0	0	1	0	0	0	0	0	2011
10314	168	61.6	3835	0	0	0	0	0	0	0	1	0	0	0	0	2011
11118	168	55.4	3295	0	0	0	0	0	0	0	1	0	0	0	0	2011
11377	168	57.9	3590	0	0	0	0	0	0	0	1	0	0	0	0	2011
11281	168	56.1	3363	0	0	0	0	0	0	0	1	0	0	0	0	2011
11569	168	50.2	2696	0	0	0	0	0	0	0	1	0	0	0	0	2011
11021	168	44.5	2045	0	0	0	0	0	0	0	0	1	0	0	0	2011
11081	168	50.6	2739	0	0	0	0	0	0	0	0	1	0	0	0	2011
11180	85	54.0	3361	0	0	0	0	0	0	0	0	0	0	0	1	2011
10511	168	52.9	2921	0	0	0	0	0	0	0	0	0	0	0	0	2011
11283	168	45.6	2126	0	0	0	0	0	0	0	0	0	0	0	0	2011
10777	168	45.5	2097	0	0	0	0	0	0	0	0	0	0	0	0	2011
10849	24	40.9	1672	0	0	0	0	0	0	0	0	0	0	0	0	2011
*9502	168	42.4	1839	1	0	0	0	0	0	0	0	0	0	0	0	2012
11048	85	40.4	1635	1	0	0	0	0	0	0	0	0	0	0	0	2012
12094	116	40.1	1671	1	0	0	0	0	0	0	0	0	0	0	1	2012
12267	168	40.6	1663	0	1	0	0	0	0	0	0	0	0	0	0	2012
11234	168	43.8	1958	0	1	0	0	0	0	0	0	0	0	0	0	2012
10713	168	40.8	1672	0	1	0	0	0	0	0	0	0	0	0	0	2012
10857	168	39.9	1596	0	1	0	0	0	0	0	0	0	0	0	0	2012
11421	168	49.3	2608	0	1	0	0	0	0	0	0	0	0	0	0	2012
11655	168	52.4	2994	0	0	1	0	0	0	0	0	0	0	0	0	2012
11846	167	52.1	2953	0	0	1	0	0	0	0	0	0	0	0	0	2012
12397	168	39.8	1590	0	0	1	0	0	0	0	0	0	0	0	0	2012
12522	103	39.6	1574	0	0	1	0	0	0	0	0	0	0	0	0	2012
12493	31	38.7	1514	0	0	0	1	0	0	0	0	0	0	0	1	2012
11642	168	51.9	2925	0	0	0	1	0	0	0	0	0	0	0	0	2012
11716	168	50.3	2748	0	0	0	1	0	0	0	0	0	0	0	0	2012
11653	168	40.1	1619	0	0	0	1	0	0	0	0	0	0	0	0	2012
10909	168	44.0	2015	0	0	0	0	1	0	0	0	0	0	0	0	2012
10598	168	49.0	2574	0	0	0	0	1	0	0	0	0	0	0	0	2012
12205	167	41.6	1763	0	0	0	0	1	0	0	0	0	0	0	0	2012
*10098	168	52.9	2979	0	0	0	0	1	0	0	0	0	0	0	0	2012
10899	168	51.0	2781	0	0	0	0	1	0	0	0	0	0	0	0	2012
12488	168	44.0	2059	0	0	0	0	0	1	0	0	0	0	0	0	2012
10790	168	43.2	1887	0	0	0	0	0	1	0	0	0	0	0	0	2012
12273	168	46.5	2299	0	0	0	0	0	1	0	0	0	0	0	0	2012
12532	168	43.3	1929	0	0	0	0	0	1	0	0	0	0	0	0	2012
12234	168	40.4	1656	0	0	0	0	0	0	1	0	0	0	0	0	2012
10923	168	46.6	2184	0	0	0	0	0	0	1	0	0	0	0	0	2012
11766	168	51.9	2715	0	0	0	0	0	0	1	0	0	0	0	0	2012
11538	142	53.3	2937	0	0	0	0	0	0	1	0	0	0	0	0	2012
10924	147	52.9	2931	0	0	0	0	0	0	0	1	0	0	0	1	2012



Data Base for CRIST 5 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
11176	168	54.4	3107	0	0	0	0	0	0	0	1	0	0	0	0	2012
11324	168	44.6	2089	0	0	0	0	0	0	0	1	0	0	0	0	2012
10927	168	49.3	2596	0	0	0	0	0	0	0	1	0	0	0	0	2012
10927	168	49.3	2596	0	0	0	0	0	0	0	1	0	0	0	0	2012
*10447	168	40.8	1672	0	0	0	0	0	0	0	0	1	0	0	0	2012
10611	168	41.3	1727	0	0	0	0	0	0	0	0	1	0	0	0	2012
11040	168	42.0	1864	0	0	0	0	0	0	0	0	1	0	0	0	2012
12377	168	38.6	1506	0	0	0	0	0	0	0	0	0	1	0	0	2012
11435	168	39.9	1592	0	0	0	0	0	0	0	0	0	1	0	0	2012
11620	168	39.8	1584	0	0	0	0	0	0	0	0	0	1	0	0	2012
11865	168	39.6	1571	0	0	0	0	0	0	0	0	0	1	0	0	2012
11854	168	39.0	1526	0	0	0	0	0	0	0	0	0	1	0	0	2012
11568	169	39.2	1541	0	0	0	0	0	0	0	0	0	0	1	0	2012
10987	94	40.6	1668	0	0	0	0	0	0	0	0	0	0	1	0	2012
11613	125	41.6	1769	1	0	0	0	0	0	0	0	0	0	0	1	2013
11313	168	45.7	2105	1	0	0	0	0	0	0	0	0	0	0	0	2013
11051	168	54.0	2919	1	0	0	0	0	0	0	0	0	0	0	0	2013
10872	168	54.2	2935	1	0	0	0	0	0	0	0	0	0	0	0	2013
11096	168	54.3	2955	0	1	0	0	0	0	0	0	0	0	0	0	2013
11145	168	56.3	3203	0	1	0	0	0	0	0	0	0	0	0	0	2013
10969	168	55.7	3117	0	1	0	0	0	0	0	0	0	0	0	0	2013
10727	168	55.0	3029	0	1	0	0	0	0	0	0	0	0	0	0	2013
10459	168	56.4	3194	0	0	1	0	0	0	0	0	0	0	0	0	2013
10791	167	54.1	2932	0	0	1	0	0	0	0	0	0	0	0	0	2013
11363	168	53.7	2886	0	0	1	0	0	0	0	0	0	0	0	0	2013
12012	168	41.5	1731	0	0	1	0	0	0	0	0	0	0	0	0	2013
11898	168	40.6	1654	0	0	1	0	0	0	0	0	0	0	0	0	2013
11691	168	40.7	1663	0	0	0	1	0	0	0	0	0	0	0	0	2013
11991	168	40.1	1612	0	0	0	1	0	0	0	0	0	0	0	0	2013
11139	168	50.6	2619	0	0	0	1	0	0	0	0	0	0	0	0	2013
11340	168	57.2	3341	0	0	0	1	0	0	0	0	0	0	0	0	2013
10561	168	57.1	3297	0	0	0	0	1	0	0	0	0	0	0	0	2013
10843	168	54.6	2985	0	0	0	0	1	0	0	0	0	0	0	0	2013
11057	168	57.1	3289	0	0	0	0	1	0	0	0	0	0	0	0	2013
11536	168	51.9	2699	0	0	0	0	1	0	0	0	0	0	0	0	2013
11601	168	50.3	2535	0	0	0	0	1	0	0	0	0	0	0	0	2013
11419	168	43.0	1886	0	0	0	0	0	1	0	0	0	0	0	0	2013
10866	168	52.0	2876	0	0	0	0	0	1	0	0	0	0	0	0	2013
10647	8	66.0	4618	0	0	0	0	0	1	0	0	0	0	0	0	2013
10647	8	66.0	4618	0	0	0	0	0	1	0	0	0	0	0	0	2013

Data Base for CRIST 5 Target Heat Rate Equation

HR Average net operating heat rate based on unadjusted measured fuel consumption, before adjustment for unit start ups after shut down 24 hours or more, in BTU/Kwh.

Hour Number of hours the unit was synchronized during the week.

AMW Average load on the unit, in MW.

LSRF Load square range factor, in MW<sup>2</sup>.

JAN to NOV The number 1 indicates the month of the observation. All 0's indicate December.

NS Number of start ups during the week after being shut down for 24 hours or more.

Year The year of the observation.

\* Indicates data points removed from the analysis of the target heat rate equation because they were out of the 90% confidence interval.

Data Base for CRIST 6 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
11267	109	222.7	54699	0	0	0	0	0	1	0	0	0	0	0	1	2010
11806	168	224.6	55565	0	0	0	0	0	0	1	0	0	0	0	0	2010
11800	140	234.3	59235	0	0	0	0	0	0	1	0	0	0	0	1	2010
11601	168	222.7	53860	0	0	0	0	0	0	1	0	0	0	0	0	2010
11836	168	219.5	52860	0	0	0	0	0	0	1	0	0	0	0	0	2010
11519	168	216.4	51070	0	0	0	0	0	0	0	1	0	0	0	0	2010
11182	168	207.8	47792	0	0	0	0	0	0	0	1	0	0	0	0	2010
11293	168	217.4	51935	0	0	0	0	0	0	0	1	0	0	0	0	2010
11232	168	215.2	50971	0	0	0	0	0	0	0	1	0	0	0	0	2010
11325	168	207.3	47212	0	0	0	0	0	0	0	1	0	0	0	0	2010
11632	167	203.2	46045	0	0	0	0	0	0	0	0	1	0	0	0	2010
11671	157	215.1	50939	0	0	0	0	0	0	0	0	1	0	0	0	2010
11562	145	220.9	53687	0	0	0	0	0	0	0	0	1	0	0	1	2010
11282	82	188.1	38937	0	0	0	0	0	0	0	0	1	0	0	0	2010
13337	94	120.7	15518	0	0	0	0	0	0	0	0	0	1	0	1	2010
13176	13	124.3	15694	0	0	0	0	0	0	0	0	0	1	0	0	2010
14892	10	115.0	14008	0	0	0	0	0	0	0	0	0	0	1	1	2010
12196	44	131.5	18870	0	0	0	0	0	0	0	0	0	0	1	0	2010
12027	89	192.0	43073	0	0	0	0	0	0	0	0	0	0	0	1	2010
11003	168	220.6	51784	0	0	0	0	0	0	0	0	0	0	0	0	2010
11148	133	231.6	57024	0	0	0	0	0	0	0	0	0	0	0	1	2010
11205	168	246.7	63884	0	0	0	0	0	0	0	0	0	0	0	0	2010
11182	24	250.6	126	0	0	0	0	0	0	0	0	0	0	0	0	2010
11096	168	216.7	49875	1	0	0	0	0	0	0	0	0	0	0	0	2011
10848	168	241.6	60463	1	0	0	0	0	0	0	0	0	0	0	0	2011
10737	168	245.4	62274	1	0	0	0	0	0	0	0	0	0	0	0	2011
10994	168	194.8	38897	1	0	0	0	0	0	0	0	0	0	0	0	2011
11281	168	178.8	32744	0	1	0	0	0	0	0	0	0	0	0	0	2011
10999	156	187.1	36227	0	1	0	0	0	0	0	0	0	0	0	0	2011
12995	55	123.3	16488	0	0	0	0	1	0	0	0	0	0	0	1	2011
11186	165	176.0	35869	0	0	0	0	1	0	0	0	0	0	0	1	2011
11893	64	154.2	27626	0	0	0	0	1	0	0	0	0	0	0	2	2011
11038	168	187.0	38870	0	0	0	0	0	1	0	0	0	0	0	0	2011
11096	164	196.8	44753	0	0	0	0	0	1	0	0	0	0	0	0	2011
11288	119	191.7	42793	0	0	0	0	0	1	0	0	0	0	0	1	2011
11808	144	148.2	24295	0	0	0	0	0	1	0	0	0	0	0	0	2011
11992	108	166.0	31680	0	0	0	0	0	0	1	0	0	0	0	1	2011
12017	168	162.2	29049	0	0	0	0	0	0	1	0	0	0	0	0	2011
12302	168	137.3	19866	0	0	0	0	0	0	1	0	0	0	0	0	2011
11797	93	152.0	23793	0	0	0	0	0	0	1	0	0	0	0	0	2011
11856	161	150.7	25323	0	0	0	0	0	0	0	1	0	0	0	1	2011
11632	54	173.0	34919	0	0	0	0	0	0	0	1	0	0	0	1	2011
11171	168	178.2	35342	0	0	0	0	0	0	0	1	0	0	0	0	2011
11212	168	172.8	32908	0	0	0	0	0	0	0	1	0	0	0	0	2011
11098	168	183.3	37552	0	0	0	0	0	0	0	1	0	0	0	0	2011
11855	163	135.8	19869	0	0	0	0	0	0	0	0	1	0	0	0	2011
11625	168	153.7	26369	0	0	0	0	0	0	0	0	1	0	0	0	2011



Data Base for CRIST 6 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
*10248	19	176.4	33251	0	0	0	0	1	0	0	0	0	0	0	0	2013
11434	165	185.2	35872	0	0	0	0	0	1	0	0	0	0	0	1	2013
11319	117	174.2	31816	0	0	0	0	0	1	0	0	0	0	0	0	2013
13293	32	168.2	31224	0	0	0	0	0	1	0	0	0	0	0	1	2013

- HR Average net operating heat rate based on unadjusted measured fuel consumption, before adjustment for unit start ups after shut down 24 hours or more, in BTU/Kwh.
- Hour Number of hours the unit was synchronized during the week.
- AMW Average load on the unit, in MW.
- LSRF Load square range factor, in MW<sup>2</sup>.
- JAN to NOV The number 1 indicates the month of the observation. All 0's indicate December.
- NS Number of start ups during the week after being shut down for 24 hours or more.
- Year The year of the observation.
- \* Indicates data points removed from the analysis of the target heat rate equation because they were out of the 90% confidence interval.

Data Base for CRIST 7 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
10698	168	377.3	19457	0	0	0	0	0	0	1	0	0	0	0	0	2010
10768	144	355.8	4404	0	0	0	0	0	0	1	0	0	0	0	1	2010
10701	168	318.8	37546	0	0	0	0	0	0	1	0	0	0	0	0	2010
10832	168	319.1	37271	0	0	0	0	0	0	1	0	0	0	0	0	2010
10454	168	386.5	25717	0	0	0	0	0	0	0	1	0	0	0	0	2010
10422	168	386.2	26634	0	0	0	0	0	0	0	1	0	0	0	0	2010
10586	168	373.6	16086	0	0	0	0	0	0	0	1	0	0	0	0	2010
10699	160	349.7	699	0	0	0	0	0	0	0	1	0	0	0	0	2010
10714	168	353.5	60318	0	0	0	0	0	0	0	1	0	0	0	0	2010
11111	168	368.7	8750	0	0	0	0	0	0	0	0	1	0	0	0	2010
10901	168	403.3	39143	0	0	0	0	0	0	0	0	1	0	0	0	2010
10929	165	375.2	20129	0	0	0	0	0	0	0	0	1	0	0	0	2010
10984	168	328.9	50196	0	0	0	0	0	0	0	0	1	0	0	0	2010
10736	168	304.5	33708	0	0	0	0	0	0	0	0	0	1	0	0	2010
10754	168	295.3	27185	0	0	0	0	0	0	0	0	0	1	0	0	2010
10716	168	282.9	18619	0	0	0	0	0	0	0	0	0	1	0	0	2010
10729	168	297.0	27537	0	0	0	0	0	0	0	0	0	1	0	0	2010
10881	168	277.2	14186	0	0	0	0	0	0	0	0	0	1	0	0	2010
10402	169	332.9	50236	0	0	0	0	0	0	0	0	0	0	1	0	2010
11102	168	257.4	1542	0	0	0	0	0	0	0	0	0	0	1	0	2010
10635	168	367.9	13299	0	0	0	0	0	0	0	0	0	0	1	0	2010
10533	168	376.0	18589	0	0	0	0	0	0	0	0	0	0	1	0	2010
10393	168	420.7	49978	0	0	0	0	0	0	0	0	0	0	0	0	2010
10327	168	436.8	62956	0	0	0	0	0	0	0	0	0	0	0	0	2010
10637	168	391.5	26060	0	0	0	0	0	0	0	0	0	0	0	0	2010
10543	168	416.5	44639	0	0	0	0	0	0	0	0	0	0	0	0	2010
10699	24	395.2	28630	0	0	0	0	0	0	0	0	0	0	0	0	2010
10506	133	368.0	9555	1	0	0	0	0	0	0	0	0	0	0	0	2011
11770	78	276.7	24313	0	1	0	0	0	0	0	0	0	0	0	1	2011
10765	154	379.7	20818	0	1	0	0	0	0	0	0	0	0	0	0	2011
10529	168	392.4	29763	0	1	0	0	0	0	0	0	0	0	0	0	2011
10372	167	392.7	30830	0	0	1	0	0	0	0	0	0	0	0	0	2011
10460	168	389.8	27759	0	0	1	0	0	0	0	0	0	0	0	0	2011
10413	167	387.1	25853	0	0	1	0	0	0	0	0	0	0	0	0	2011
10431	168	411.2	43835	0	0	1	0	0	0	0	0	0	0	0	0	2011
10617	168	417.3	48234	0	0	1	0	0	0	0	0	0	0	0	0	2011
11748	168	382.5	24627	0	0	0	1	0	0	0	0	0	0	0	0	2011
11684	168	388.6	26521	0	0	0	1	0	0	0	0	0	0	0	0	2011
11604	168	401.0	36657	0	0	0	1	0	0	0	0	0	0	0	0	2011
*7665	168	389.6	36657	0	0	0	1	0	0	0	0	0	0	0	0	2011
10737	168	328.1	50084	0	0	0	0	1	0	0	0	0	0	0	0	2011
10919	168	299.5	30837	0	0	0	0	1	0	0	0	0	0	0	0	2011
11161	168	276.4	14670	0	0	0	0	1	0	0	0	0	0	0	0	2011
10966	168	343.5	62084	0	0	0	0	1	0	0	0	0	0	0	0	2011
10521	107	364.8	15516	0	0	0	0	1	0	0	0	0	0	0	1	2011
10883	168	371.2	16958	0	0	0	0	0	1	0	0	0	0	0	0	2011
11000	168	358.5	7445	0	0	0	0	0	1	0	0	0	0	0	0	2011



Data Base for CRIST 7 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
10999	143	289.2	24967	0	0	0	0	0	1	0	0	0	0	0	1	2012
11259	168	257.3	1201	0	0	0	0	0	1	0	0	0	0	0	0	2012
11159	168	285.7	21518	0	0	0	0	0	1	0	0	0	0	0	0	2012
10837	168	291.2	23172	0	0	0	0	0	1	0	0	0	0	0	0	2012
11257	168	285.5	20087	0	0	0	0	0	0	1	0	0	0	0	0	2012
11380	168	267.3	8682	0	0	0	0	0	0	1	0	0	0	0	0	2012
11382	146	267.9	8544	0	0	0	0	0	0	1	0	0	0	0	0	2012
11531	145	269.6	15252	0	0	0	0	0	0	1	0	0	0	0	1	2012
10852	168	275.9	13788	0	0	0	0	0	0	0	1	0	0	0	0	2012
10173	165	294.1	27953	0	0	0	0	0	0	0	1	0	0	0	0	2012
11021	168	263.3	5637	0	0	0	0	0	0	0	1	0	0	0	0	2012
12054	168	250.9	63309	0	0	0	0	0	0	0	1	0	0	0	0	2012
10464	100	268.2	9912	0	0	0	0	0	0	0	1	0	0	0	0	2012
*13729	100	268.2	6017	0	0	0	0	0	0	0	1	0	0	0	0	2012
10981	168	265.9	8395	0	0	0	0	0	0	0	0	0	0	0	0	2012
*12871	168	265.9	71849	0	0	0	0	0	0	0	0	0	0	0	0	2012
11066	168	261.0	4907	1	0	0	0	0	0	0	0	0	0	0	0	2013
10829	163	280.8	18001	1	0	0	0	0	0	0	0	0	0	0	0	2013
10860	168	280.8	18584	1	0	0	0	0	0	0	0	0	0	0	0	2013
10729	168	266.7	8116	1	0	0	0	0	0	0	0	0	0	0	0	2013
11046	168	248.1	61794	0	1	0	0	0	0	0	0	0	0	0	0	2013
11434	168	247.2	61146	0	1	0	0	0	0	0	0	0	0	0	0	2013
11335	168	254.6	65469	0	1	0	0	0	0	0	0	0	0	0	0	2013
11239	168	250.1	62578	0	1	0	0	0	0	0	0	0	0	0	0	2013
10821	168	249.0	62111	0	0	1	0	0	0	0	0	0	0	0	0	2013
10640	167	247.1	61080	0	0	1	0	0	0	0	0	0	0	0	0	2013
10783	168	254.2	65281	0	0	1	0	0	0	0	0	0	0	0	0	2013
10683	158	249.7	63426	0	0	1	0	0	0	0	0	0	0	0	0	2013
10602	168	258.4	2338	0	0	1	0	0	0	0	0	0	0	0	0	2013
10847	168	259.7	2815	0	0	0	1	0	0	0	0	0	0	0	0	2013
10946	61	255.8	1734	0	0	0	1	0	0	0	0	0	0	0	0	2013
11356	157	249.1	62769	0	0	0	0	1	0	0	0	0	0	0	1	2013
10664	168	255.4	444	0	0	0	0	1	0	0	0	0	0	0	0	2013
10610	168	258.1	1774	0	0	0	0	1	0	0	0	0	0	0	0	2013
10640	168	266.8	6949	0	0	0	0	1	0	0	0	0	0	0	0	2013
10647	168	272.9	11037	0	0	0	0	1	0	0	0	0	0	0	0	2013
10812	168	254.3	65164	0	0	0	0	0	1	0	0	0	0	0	0	2013
10508	168	295.9	27677	0	0	0	0	0	1	0	0	0	0	0	0	2013
11057	168	259.7	5141	0	0	0	0	0	1	0	0	0	0	0	0	2013
10858	144	292.4	25400	0	0	0	0	0	1	0	0	0	0	0	0	2013
10858	144	292.4	25400	0	0	0	0	0	1	0	0	0	0	0	0	2013



Data Base for CRIST 7 Target Heat Rate Equation

HR Average net operating heat rate based on unadjusted measured fuel consumption, before adjustment for unit start ups after shut down 24 hours or more, in BTU/Kwh.

Hour Number of hours the unit was synchronized during the week.

AMW Average load on the unit, in MW.

LSRF Load square range factor, in MW<sup>2</sup>.

JAN to NOV The number 1 indicates the month of the observation. All 0's indicate December.

NS Number of start ups during the week after being shut down for 24 hours or more.

Year The year of the observation.

\* Indicates data points removed from the analysis of the target heat rate equation because they were out of the 90% confidence interval.

Data Base for SMITH 1 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
10664	144	126.6	17498	0	0	0	0	0	1	0	0	0	0	0	0	2010
10479	168	123.0	16748	0	0	0	0	0	0	1	0	0	0	0	0	2010
10697	168	126.6	17641	0	0	0	0	0	0	1	0	0	0	0	0	2010
10590	167	121.8	16550	0	0	0	0	0	0	1	0	0	0	0	0	2010
10589	168	126.7	17578	0	0	0	0	0	0	1	0	0	0	0	0	2010
10565	168	128.6	18074	0	0	0	0	0	0	0	1	0	0	0	0	2010
10498	168	125.0	17303	0	0	0	0	0	0	0	1	0	0	0	0	2010
10487	168	127.4	17841	0	0	0	0	0	0	0	1	0	0	0	0	2010
10639	140	120.7	16350	0	0	0	0	0	0	0	1	0	0	0	1	2010
10465	168	127.2	17518	0	0	0	0	0	0	0	1	0	0	0	0	2010
10460	168	123.4	16819	0	0	0	0	0	0	0	0	1	0	0	0	2010
10423	168	129.2	18259	0	0	0	0	0	0	0	0	1	0	0	0	2010
10415	168	127.7	17899	0	0	0	0	0	0	0	0	1	0	0	0	2010
10720	168	94.9	10299	0	0	0	0	0	0	0	0	1	0	0	0	2010
11008	168	75.6	5995	0	0	0	0	0	0	0	0	0	1	0	0	2010
10852	168	81.4	7271	0	0	0	0	0	0	0	0	0	1	0	0	2010
11048	168	76.2	6181	0	0	0	0	0	0	0	0	0	1	0	0	2010
10945	168	83.5	7668	0	0	0	0	0	0	0	0	0	1	0	0	2010
11233	168	71.4	5254	0	0	0	0	0	0	0	0	0	1	0	0	2010
10973	112	87.5	8728	0	0	0	0	0	0	0	0	0	0	1	1	2010
10437	168	115.5	13690	0	0	0	0	0	0	0	0	0	0	1	0	2010
10438	168	135.0	19069	0	0	0	0	0	0	0	0	0	0	1	0	2010
10558	168	127.7	17357	0	0	0	0	0	0	0	0	0	0	1	0	2010
10330	168	144.0	21271	0	0	0	0	0	0	0	0	0	0	0	0	2010
10327	168	150.0	22771	0	0	0	0	0	0	0	0	0	0	0	0	2010
10394	168	139.2	20243	0	0	0	0	0	0	0	0	0	0	0	0	2010
10407	168	146.7	21924	0	0	0	0	0	0	0	0	0	0	0	0	2010
10466	24	144.3	21258	0	0	0	0	0	0	0	0	0	0	0	0	2010
10513	168	135.1	19204	1	0	0	0	0	0	0	0	0	0	0	0	2011
10468	168	144.4	21285	1	0	0	0	0	0	0	0	0	0	0	0	2011
10337	71	138.0	19985	1	0	0	0	0	0	0	0	0	0	0	0	2011
10803	119	98.1	9916	0	1	0	0	0	0	0	0	0	0	0	1	2011
10634	168	97.6	10065	0	1	0	0	0	0	0	0	0	0	0	0	2011
10641	168	111.2	13806	0	1	0	0	0	0	0	0	0	0	0	0	2011
10677	168	101.4	11646	0	0	1	0	0	0	0	0	0	0	0	0	2011
11226	72	124.5	17375	0	0	1	0	0	0	0	0	0	0	0	3	2011
10496	168	133.4	19024	0	0	0	1	0	0	0	0	0	0	0	0	2011
10618	51	124.8	17246	0	0	0	1	0	0	0	0	0	0	0	1	2011
10304	168	128.1	17618	0	0	0	1	0	0	0	0	0	0	0	0	2011
10817	168	92.9	9669	0	0	0	0	1	0	0	0	0	0	0	0	2011
11070	168	78.8	6578	0	0	0	0	1	0	0	0	0	0	0	0	2011
11064	168	78.9	6830	0	0	0	0	1	0	0	0	0	0	0	0	2011
11059	168	78.3	6442	0	0	0	0	1	0	0	0	0	0	0	0	2011
10801	168	87.6	8323	0	0	0	0	1	0	0	0	0	0	0	0	2011
10880	141	82.4	7325	0	0	0	0	0	1	0	0	0	0	0	1	2011
10799	168	91.1	9324	0	0	0	0	0	1	0	0	0	0	0	0	2011
10955	168	79.4	6685	0	0	0	0	0	1	0	0	0	0	0	0	2011

Data Base for SMITH 1 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
11088	144	76.2	5984	0	0	0	0	0	1	0	0	0	0	0	0	2011
10848	168	85.8	8026	0	0	0	0	0	0	1	0	0	0	0	0	2011
10881	168	86.3	8015	0	0	0	0	0	0	1	0	0	0	0	0	2011
10998	168	81.0	7029	0	0	0	0	0	0	1	0	0	0	0	0	2011
10988	168	83.3	7483	0	0	0	0	0	0	1	0	0	0	0	0	2011
10787	168	90.0	8873	0	0	0	0	0	0	0	1	0	0	0	0	2011
10991	168	84.7	7780	0	0	0	0	0	0	0	1	0	0	0	0	2011
11012	168	83.8	7512	0	0	0	0	0	0	0	1	0	0	0	0	2011
10892	168	86.4	8057	0	0	0	0	0	0	0	1	0	0	0	0	2011
10789	168	85.6	7928	0	0	0	0	0	0	0	1	0	0	0	0	2011
11045	145	75.6	6065	0	0	0	0	0	0	0	0	1	0	0	0	2011
11014	165	71.5	5167	0	0	0	0	0	0	0	0	0	1	0	1	2011
10652	169	70.9	5033	0	0	0	0	0	0	0	0	0	0	1	0	2011
10642	168	70.2	4929	0	0	0	0	0	0	0	0	0	0	1	0	2011
10608	168	72.3	5292	0	0	0	0	0	0	0	0	0	0	1	0	2011
10769	168	73.7	5472	0	0	0	0	0	0	0	0	0	0	1	0	2011
10758	168	74.6	5716	0	0	0	0	0	0	0	0	0	0	0	0	2011
10763	168	76.0	5923	0	0	0	0	0	0	0	0	0	0	0	0	2011
10678	168	70.3	4944	0	0	0	0	0	0	0	0	0	0	0	0	2011
10605	24	69.5	4836	0	0	0	0	0	0	0	0	0	0	0	0	2011
10758	168	75.8	5965	1	0	0	0	0	0	0	0	0	0	0	0	2012
10881	168	73.9	5516	1	0	0	0	0	0	0	0	0	0	0	0	2012
10693	168	72.5	5329	1	0	0	0	0	0	0	0	0	0	0	0	2012
10772	168	70.1	4931	1	0	0	0	0	0	0	0	0	0	0	0	2012
10797	168	70.1	4918	0	1	0	0	0	0	0	0	0	0	0	0	2012
10702	168	74.5	5758	0	1	0	0	0	0	0	0	0	0	0	0	2012
10634	168	77.4	6252	0	1	0	0	0	0	0	0	0	0	0	0	2012
10923	168	70.8	5020	0	1	0	0	0	0	0	0	0	0	0	0	2012
10774	168	69.9	4896	0	1	0	0	0	0	0	0	0	0	0	0	2012
10704	168	69.5	4833	0	0	1	0	0	0	0	0	0	0	0	0	2012
10633	167	71.3	5202	0	0	1	0	0	0	0	0	0	0	0	0	2012
10809	163	70.1	4956	0	0	1	0	0	0	0	0	0	0	0	0	2012
10823	168	70.0	4909	0	0	1	0	0	0	0	0	0	0	0	0	2012
10829	168	69.6	4849	0	0	0	1	0	0	0	0	0	0	0	0	2012
10816	120	69.4	4833	0	0	0	1	0	0	0	0	0	0	0	0	2012
11133	59	70.8	5556	0	0	0	1	0	0	0	0	0	0	0	1	2012
10514	167	84.6	8252	0	0	0	1	0	0	0	0	0	0	0	0	2012
10581	168	76.4	6171	0	0	0	0	1	0	0	0	0	0	0	0	2012
10594	167	69.8	4883	0	0	0	0	1	0	0	0	0	0	0	0	2012
11116	24	99.8	11365	0	0	0	0	1	0	0	0	0	0	0	1	2012
10682	168	76.9	6319	0	0	0	0	1	0	0	0	0	0	0	0	2012
10743	168	69.4	4820	0	0	0	0	0	1	0	0	0	0	0	0	2012
10725	168	71.6	5202	0	0	0	0	0	1	0	0	0	0	0	0	2012
10920	168	71.1	5167	0	0	0	0	0	1	0	0	0	0	0	0	2012
10601	168	78.9	6605	0	0	0	0	0	1	0	0	0	0	0	0	2012
10766	168	87.0	8534	0	0	0	0	0	0	1	0	0	0	0	0	2012
10627	168	77.7	6511	0	0	0	0	0	0	1	0	0	0	0	0	2012

Data Base for SMITH 1 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
11025	168	74.8	5755	0	0	0	0	0	0	1	0	0	0	0	0	2012
10750	168	85.0	7898	0	0	0	0	0	0	1	0	0	0	0	0	2012
11128	132	78.8	6769	0	0	0	0	0	0	0	1	0	0	0	1	2012
11004	168	69.7	4867	0	0	0	0	0	0	0	1	0	0	0	0	2012
10873	168	71.1	5101	0	0	0	0	0	0	0	1	0	0	0	0	2012
11127	168	70.2	4944	0	0	0	0	0	0	0	1	0	0	0	0	2012
11140	168	71.3	5208	0	0	0	0	0	0	0	1	0	0	0	0	2012
11188	168	71.4	5191	0	0	0	0	0	0	0	0	1	0	0	0	2012
10814	100	77.7	6728	0	0	0	0	0	0	0	0	1	0	0	0	2012
11218	121	71.0	5227	0	0	0	0	0	0	0	0	0	0	1	2	2012
10731	168	70.2	4929	0	0	0	0	0	0	0	0	0	0	1	0	2012
10750	168	75.0	5771	0	0	0	0	0	0	0	0	0	0	1	0	2012
10763	168	71.4	5162	0	0	0	0	0	0	0	0	0	0	0	0	2012
10837	168	73.6	5450	0	0	0	0	0	0	0	0	0	0	0	0	2012
11223	168	74.1	5587	0	0	0	0	0	0	0	0	0	0	0	0	2012
10738	168	81.6	6796	0	0	0	0	0	0	0	0	0	0	0	0	2012
10052	24	95.1	9110	0	0	0	0	0	0	0	0	0	0	0	0	2012
10894	168	78.1	6164	1	0	0	0	0	0	0	0	0	0	0	0	2013
11060	168	70.6	5043	1	0	0	0	0	0	0	0	0	0	0	0	2013
11027	168	73.7	5474	1	0	0	0	0	0	0	0	0	0	0	0	2013
10912	168	71.5	5168	1	0	0	0	0	0	0	0	0	0	0	0	2013
10867	168	71.6	5192	0	1	0	0	0	0	0	0	0	0	0	0	2013
11035	168	70.9	5094	0	1	0	0	0	0	0	0	0	0	0	0	2013
10998	168	72.7	5387	0	1	0	0	0	0	0	0	0	0	0	0	2013
11166	168	76.6	6083	0	1	0	0	0	0	0	0	0	0	0	0	2013
11188	168	79.2	6392	0	0	1	0	0	0	0	0	0	0	0	0	2013
11150	167	74.7	5742	0	0	1	0	0	0	0	0	0	0	0	0	2013
10863	168	74.4	5700	0	0	1	0	0	0	0	0	0	0	0	0	2013
10935	168	88.7	9008	0	0	1	0	0	0	0	0	0	0	0	0	2013
10777	168	87.0	8487	0	0	1	0	0	0	0	0	0	0	0	0	2013
10992	168	75.4	5813	0	0	0	1	0	0	0	0	0	0	0	0	2013
10948	97	74.8	5807	0	0	0	1	0	0	0	0	0	0	0	0	2013
11003	168	72.7	5479	0	0	0	1	0	0	0	0	0	0	0	0	2013
10817	168	74.2	5658	0	0	0	0	1	0	0	0	0	0	0	0	2013
10917	168	73.4	5606	0	0	0	0	1	0	0	0	0	0	0	0	2013
10835	168	75.1	5908	0	0	0	0	1	0	0	0	0	0	0	0	2013
10862	168	78.1	6406	0	0	0	0	1	0	0	0	0	0	0	0	2013
10785	168	92.7	9689	0	0	0	0	1	0	0	0	0	0	0	0	2013
10943	168	75.6	5938	0	0	0	0	0	1	0	0	0	0	0	0	2013
10806	168	101.0	11652	0	0	0	0	0	1	0	0	0	0	0	0	2013
10918	168	84.4	7869	0	0	0	0	0	1	0	0	0	0	0	0	2013
10801	144	94.8	10236	0	0	0	0	0	1	0	0	0	0	0	0	2013

Data Base for SMITH 1 Target Heat Rate Equation

HR Average net operating heat rate based on unadjusted measured fuel consumption, before adjustment for unit start ups after shut down 24 hours or more, in BTU/Kwh.

Hour Number of hours the unit was synchronized during the week.

AMW Average load on the unit, in MW.

LSRF Load square range factor, in MW<sup>2</sup>.

JAN to NOV The number 1 indicates the month of the observation. All 0's indicate December.

NS Number of start ups during the week after being shut down for 24 hours or more.

Year The year of the observation.

\* Indicates data points removed from the analysis of the target heat rate equation because they were out of the 90% confidence interval.

Data Base for SMITH 2 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
10643	168	138.1	21740	0	0	0	0	0	0	1	0	0	0	0	0	2010
10737	168	144.7	23609	0	0	0	0	0	0	1	0	0	0	0	0	2010
10604	168	141.1	22587	0	0	0	0	0	0	1	0	0	0	0	0	2010
10598	168	147.0	24206	0	0	0	0	0	0	1	0	0	0	0	0	2010
10596	168	146.5	24125	0	0	0	0	0	0	0	1	0	0	0	0	2010
10589	168	142.8	23277	0	0	0	0	0	0	0	1	0	0	0	0	2010
10629	168	144.8	23718	0	0	0	0	0	0	0	1	0	0	0	0	2010
10582	168	143.6	23295	0	0	0	0	0	0	0	1	0	0	0	0	2010
10607	168	145.9	23732	0	0	0	0	0	0	0	1	0	0	0	0	2010
10582	168	138.9	22140	0	0	0	0	0	0	0	0	1	0	0	0	2010
10554	168	147.0	24255	0	0	0	0	0	0	0	0	1	0	0	0	2010
10685	168	145.7	23857	0	0	0	0	0	0	0	0	1	0	0	0	2010
10742	76	130.7	19458	0	0	0	0	0	0	0	0	1	0	0	0	2010
*16436	01	14.0	196	0	0	0	0	0	0	0	0	1	0	0	0	2010
10755	169	105.8	13010	0	0	0	0	0	0	0	0	0	0	1	0	2010
10542	168	160.6	27116	0	0	0	0	0	0	0	0	0	0	1	0	2010
10436	49	149.8	24712	0	0	0	0	0	0	0	0	0	0	1	0	2010
11147	46	121.7	15446	0	0	0	0	0	0	0	0	0	0	0	1	2010
10628	137	127.3	16832	0	0	0	0	0	0	0	0	0	0	0	0	2010
10664	125	122.1	15660	1	0	0	0	0	0	0	0	0	0	0	1	2011
10311	168	135.2	20078	1	0	0	0	0	0	0	0	0	0	0	0	2011
10636	168	174.9	31220	1	0	0	0	0	0	0	0	0	0	0	0	2011
10561	168	166.5	28823	0	1	0	0	0	0	0	0	0	0	0	0	2011
10584	168	172.0	30189	0	1	0	0	0	0	0	0	0	0	0	0	2011
10528	168	152.0	24656	0	1	0	0	0	0	0	0	0	0	0	0	2011
10808	168	106.8	13736	0	1	0	0	0	0	0	0	0	0	0	0	2011
10512	95	155.4	26132	0	0	1	0	0	0	0	0	0	0	0	0	2011
10423	70	129.3	19383	0	0	1	0	0	0	0	0	0	0	0	1	2011
10313	168	153.7	25329	0	0	1	0	0	0	0	0	0	0	0	0	2011
10430	95	160.4	27178	0	0	1	0	0	0	0	0	0	0	0	0	2011
10545	128	159.9	27355	0	0	0	1	0	0	0	0	0	0	0	1	2011
11084	4	68.5	6434	0	0	0	1	0	0	0	0	0	0	0	0	2011
11188	77	88.3	8244	0	0	0	0	1	0	0	0	0	0	0	1	2011
11130	39	74.4	5878	0	0	0	0	1	0	0	0	0	0	0	0	2011
11322	112	80.8	6931	0	0	0	0	1	0	0	0	0	0	0	1	2011
10940	168	99.1	11263	0	0	0	0	1	0	0	0	0	0	0	0	2011
10901	168	93.8	9907	0	0	0	0	0	1	0	0	0	0	0	0	2011
11158	168	100.5	12019	0	0	0	0	0	1	0	0	0	0	0	0	2011
11043	168	86.6	8433	0	0	0	0	0	1	0	0	0	0	0	0	2011
11352	144	82.1	7233	0	0	0	0	0	1	0	0	0	0	0	0	2011
11181	168	95.4	10568	0	0	0	0	0	0	1	0	0	0	0	0	2011
10989	168	97.9	10868	0	0	0	0	0	0	1	0	0	0	0	0	2011
11263	168	87.5	8567	0	0	0	0	0	0	1	0	0	0	0	0	2011
11288	168	89.1	8911	0	0	0	0	0	0	1	0	0	0	0	0	2011
11076	168	102.0	11971	0	0	0	0	0	0	0	1	0	0	0	0	2011
11146	168	95.2	10411	0	0	0	0	0	0	0	1	0	0	0	0	2011
10943	168	94.0	10077	0	0	0	0	0	0	0	1	0	0	0	0	2011



Data Base for SMITH 2 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
10911	168	86.8	8639	0	0	0	1	0	0	0	0	0	0	0	0	2013
12001	35	72.8	5989	0	0	0	0	0	1	0	0	0	0	0	2	2013
10986	168	86.3	8900	0	0	0	0	0	1	0	0	0	0	0	0	2013
11124	168	78.4	7098	0	0	0	0	0	1	0	0	0	0	0	0	2013
11096	144	81.1	7618	0	0	0	0	0	1	0	0	0	0	0	0	2013
11096	144	81.1	7618	0	0	0	0	0	1	0	0	0	0	0	0	2013

- HR Average net operating heat rate based on unadjusted measured fuel consumption, before adjustment for unit start ups after shut down 24 hours or more, in BTU/Kwh.
- Hour Number of hours the unit was synchronized during the week.
- AMW Average load on the unit, in MW.
- LSRF Load square range factor, in MW<sup>2</sup>.
- JAN to NOV The number 1 indicates the month of the observation. All 0's indicate December.
- NS Number of start ups during the week after being shut down for 24 hours or more.
- Year The year of the observation.
- \* Indicates data points removed from the analysis of the target heat rate equation because they were out of the 90% confidence interval.









HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
*12591	125	306.9	1995382	0	0	0	1	0	0	0	0	0	0	0	1	2013
6840	168	452.4	5184928	0	0	0	1	0	0	0	0	0	0	0	0	2013
6996	168	452.3	5327757	0	0	0	1	0	0	0	0	0	0	0	0	2013
7039	135	372.2	3086094	0	0	0	0	1	0	0	0	0	0	0	1	2013
6785	168	398.9	4302152	0	0	0	0	1	0	0	0	0	0	0	0	2013
7763	168	393.8	4244322	0	0	0	0	1	0	0	0	0	0	0	0	2013
6864	168	404.9	4475529	0	0	0	0	1	0	0	0	0	0	0	0	2013
7669	160	366.6	3813752	0	0	0	0	1	0	0	0	0	0	0	0	2013
6909	168	413.5	4434528	0	0	0	0	0	1	0	0	0	0	0	0	2013
6883	168	266.4	1871261	0	0	0	0	0	1	0	0	0	0	0	0	2013
6860	168	414.0	4575812	0	0	0	0	0	1	0	0	0	0	0	0	2013
6817	144	437.6	5010249	0	0	0	0	0	1	0	0	0	0	0	0	2013

HR Average net operating heat rate based on unadjusted measured fuel consumption, before adjustment for unit start ups after shut down 24 hours or more, in BTU/Kwh.

Hour Number of hours the unit was synchronized during the week.

AMW Average load on the unit, in MW.

LSRF Load square range factor, in MW<sup>2</sup>.

JAN to NOV The number 1 indicates the month of the observation. All 0's indicate December.

NS Number of start ups during the week after being shut down for 24 hours or more.

Year The year of the observation.

\* Indicates data points removed from the analysis of the target heat rate equation because they were out of the 90% confidence interval.

Calculation of  
 Target Average Net Operating Heat Rates  
 for January 2014 - December 2014

Unit	Month	(1)	(2)	(3)	(4)	(5)
		Forecast AKW * 10 <sup>3</sup>	Forecast LSRF * 10 <sup>6</sup>	Forecast Monthly ANOHR	Forecast AKWH * 10 <sup>3</sup> Generation	Weighted ANOHR Target
CRIST 5	Jan '14	41.5	1,772	11,632	10,005	
	Feb '14	41.2	1,744	11,653	14,225	
	Mar '14	41.7	1,791	11,619	29,350	
	Apr '14	41.5	1,772	11,632	8,312	
	May '14	41.6	1,781	11,626	13,436	
	Jun '14	41.9	1,810	11,902	13,562	
	Jul '14	41.9	1,810	11,996	18,434	
	Aug '14	46.1	2,220	11,371	20,949	
	Sep '14	41.2	1,744	11,653	4,738	
	Oct '14	41.4	1,763	12,062	16,750	
	Nov '14	40.0	1,633	11,739	4,490	
	Dec '14	40.5	1,679	11,702	4,868	11,713
CRIST 6	Jan '14	125.3	16,599	12,353	79,194	
	Feb '14	123.1	15,965	12,438	24,990	
	Mar '14	125.5	16,657	12,346	46,815	
	Apr '14	125.1	16,541	12,765	82,838	
	May '14	125.2	16,570	11,432	53,969	
	Jun '14	125.3	16,599	12,353	71,664	
	Jul '14	125.5	16,657	12,882	58,860	
	Aug '14	132.9	18,847	12,092	84,681	
	Sep '14	125.5	16,657	12,346	86,850	
	Oct '14	125.5	16,657	12,346	89,736	
	Nov '14	125.1	16,541	11,823	81,579	
	Dec '14	125.3	16,599	12,353	71,539	12,294
CRIST 7	Jan '14	266.8	73,567	11,105	182,472	
	Feb '14	261.2	69,977	11,144	153,062	
	Mar '14	264.8	72,282	10,735	95,077	
	Apr '14	277.0	80,168	11,634	147,924	
	May '14	278.8	81,341	11,028	201,817	
	Jun '14	288.1	87,441	10,976	157,597	
	Jul '14	317.5	107,157	10,843	229,791	
	Aug '14	306.5	99,703	10,888	155,103	
	Sep '14	293.1	90,748	10,950	118,980	
	Oct '14	0.0	0	-	0	
	Nov '14	245.6	60,101	11,267	14,489	
	Dec '14	258.9	68,509	11,161	85,965	11,045

NOTE: Column (3) monthly ANOHR's are determined using the values from columns (1) and (2) in the target ANOHR equation on Page 2 of Schedule 1.

$$\text{Column (5)} = (\Sigma ((3) * (4))) / (\Sigma (4))$$

Calculation of  
 Target Average Net Operating Heat Rates  
 for January 2014 - December 2014

Unit	Month	(1)	(2)	(3)	(4)	(5)
		Forecast AKW * 10 <sup>3</sup>	Forecast LSRF * 10 <sup>6</sup>	Forecast Monthly ANOHR	Forecast AKWH * 10 <sup>3</sup> Generation	Weighted ANOHR Target
SMITH 1	Jan '14	118.3	15,336	10,511	55,143	
	Feb '14	114.3	14,415	10,528	44,357	
	Mar '14	117.4	15,128	10,608	83,559	
	Apr '14	118.5	15,382	10,510	68,129	
	May '14	105.5	12,420	10,636	22,360	
	Jun '14	114.8	14,529	10,607	49,010	
	Jul '14	121.0	15,963	10,594	88,919	
	Aug '14	120.3	15,800	10,602	82,143	
	Sep '14	108.0	12,982	10,559	42,763	
	Oct '14	115.1	14,598	10,666	61,715	
	Nov '14	113.9	14,323	10,530	60,729	
	Dec '14	109.9	13,412	10,549	4,946	10,577
SMITH 2	Jan '14	111.2	14,305	10,664	55,475	
	Feb '14	109.2	13,816	10,850	45,105	
	Mar '14	109.5	13,890	10,513	11,717	
	Apr '14	108.0	13,525	10,609	30,675	
	May '14	91.8	9,716	10,782	49,387	
	Jun '14	91.4	9,625	11,009	28,160	
	Jul '14	95.1	10,473	10,971	42,340	
	Aug '14	117.2	15,793	10,795	52,616	
	Sep '14	91.8	9,716	11,005	39,188	
	Oct '14	109.5	13,890	10,848	36,467	
	Nov '14	108.5	13,646	10,676	30,915	
	Dec '14	110.0	14,012	10,844	76,890	10,814
SMITH 3	Jan '14	487.7	5,788,373	6,842	301,424	
	Feb '14	491.9	5,858,853	6,836	327,623	
	Mar '14	443.3	4,987,672	6,912	326,449	
	Apr '14	479.5	5,648,148	6,853	239,265	
	May '14	493.9	5,892,095	6,833	364,148	
	Jun '14	468.5	5,454,597	6,870	334,514	
	Jul '14	470.8	5,495,583	6,935	347,192	
	Aug '14	477.4	5,611,680	6,856	352,061	
	Sep '14	472.4	5,523,934	6,864	337,108	
	Oct '14	466.0	5,409,738	6,777	287,549	
	Nov '14	434.4	4,814,941	6,929	269,318	
	Dec '14	488.6	5,803,553	6,840	360,237	6,862

NOTE: Column (3) monthly ANOHR's are determined using the values from columns (1) and (2) in the target ANOHR equation on Page 2 of Schedule 1.

$$\text{Column (5)} = (\sum ((3) * (4))) / (\sum (4))$$

Summary of Target, Maximum, and Minimum  
Average Net Operating Heat Rates  
for January 2014 - December 2014

Unit	Target Heat Rate BTU/KWH (0 Points)	Minimum Attainable Heat Rate (+ 10 Points)	Maximum Attainable Heat Rate (- 10 Points)
CRIST 5	11,713	11,362	12,064
CRIST 6	12,294	11,925	12,663
CRIST 7	11,045	10,714	11,376
SMITH 1	10,577	10,260	10,894
SMITH 2	10,814	10,490	11,138
SMITH 3	6,862	6,656	7,068

II. DETERMINATION OF EQUIVALENT AVAILABILITY TARGETS



Calculation of  
 Target Equivalent Availabilities  
 for January 2014 - December 2014

Unit	5 Year Historical Average of Equivalent Unplanned Outage Rate, EUOR *	Planned Outage Hours for Jan '14 - Dec '14	Reserve Shutdown Hours for Jan '14 - Dec '14	Target Equivalent Availability **
Crist 5	0.0160	720	4,197	91.0
Crist 6	0.0847	0	1,588	93.5
Crist 7	0.0588	1,560	1,388	78.1
Smith 1	0.0572	0	2,700	95.9
Smith 2	0.0721	0	3,663	96.4
Smith 3	0.0240	432	0	92.8

\* For Period July 2008 through June 2013.

\*\* EA = [ 1 - (POH + EUOR \* (PH - POH - RSH)) / PH ] \* 100

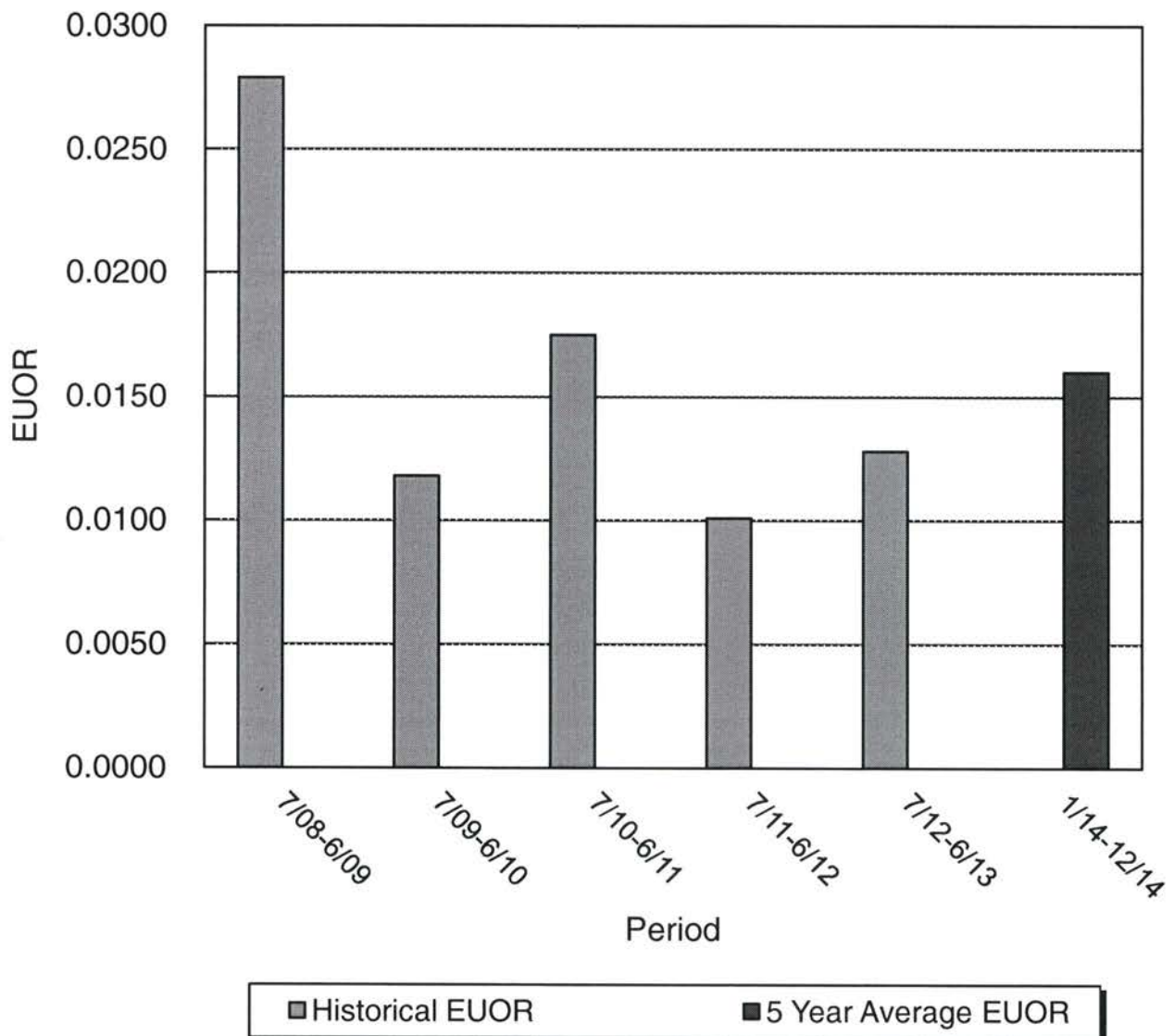
Calculation of Maximum and Minimum  
 Attainable Equivalent Availabilities  
 for January 2014 - December 2014

Unit	5 Year Historical Average of Equivalent Unplanned Outage Rate, EUOR (TARGET EUOR)	Minimum Attainable EUOR 70% of Target EUOR	Maximum Attainable Equivalent Availability	Maximum Attainable EUOR 145% of Target EUOR	Minimum Attainable Equivalent Availability
Crist 5	0.0160	0.0112	91.3	0.0232	90.8
Crist 6	0.0847	0.0593	95.1	0.1228	89.9
Crist 7	0.0588	0.0412	79.5	0.0853	76.5
Smith 1	0.0572	0.0400	97.2	0.0829	94.3
Smith 2	0.0721	0.0505	97.1	0.1045	93.9
Smith 3	0.0240	0.0168	93.5	0.0348	91.8

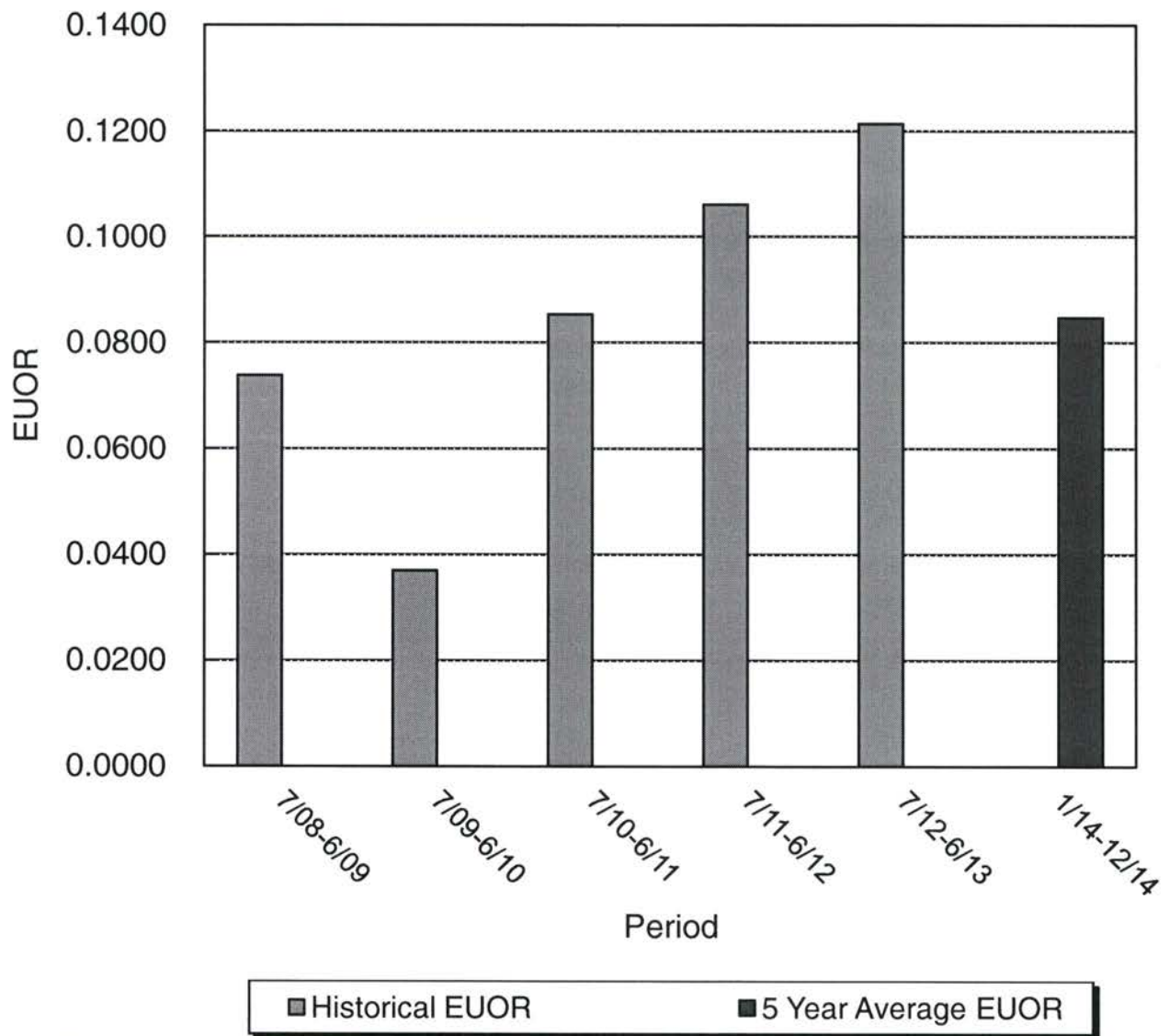
Summary of Target, Maximum, and Minimum  
Equivalent Availabilities  
for January 2014 - December 2014

Unit	Target Equivalent Availability (0 Points)	Maximum Attainable Equivalent Availability (+10 Points)	Minimum Attainable Equivalent Availability (-10 Points)
Crist 5	91.0	91.3	90.8
Crist 6	93.5	95.1	89.9
Crist 7	78.1	79.5	76.5
Smith 1	95.9	97.2	94.3
Smith 2	96.4	97.1	93.9
Smith 3	92.8	93.5	91.8

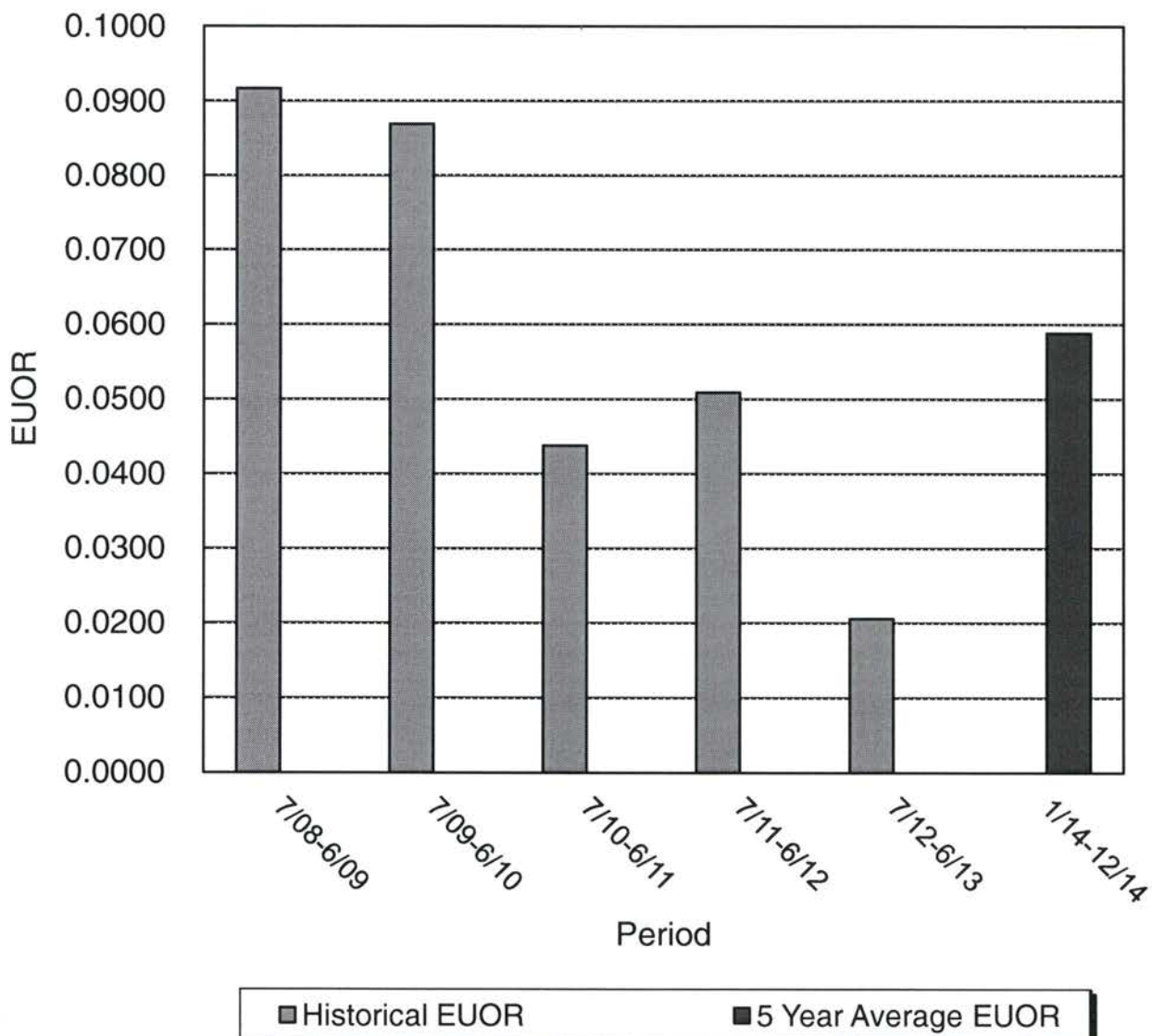
### EUOR VS. PERIOD CRIST 5 January-December



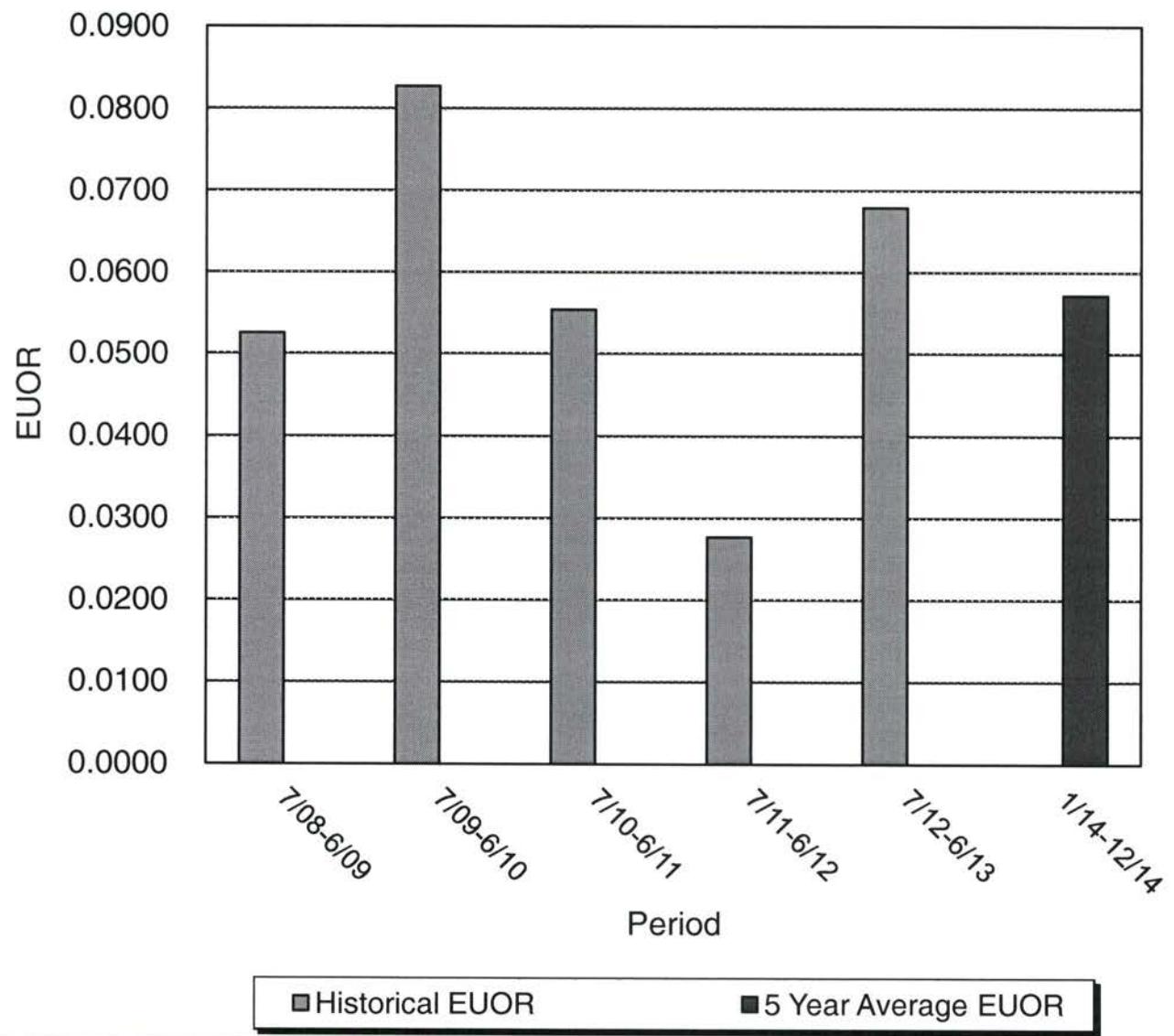
### EUOR VS. PERIOD CRIST 6 January-December



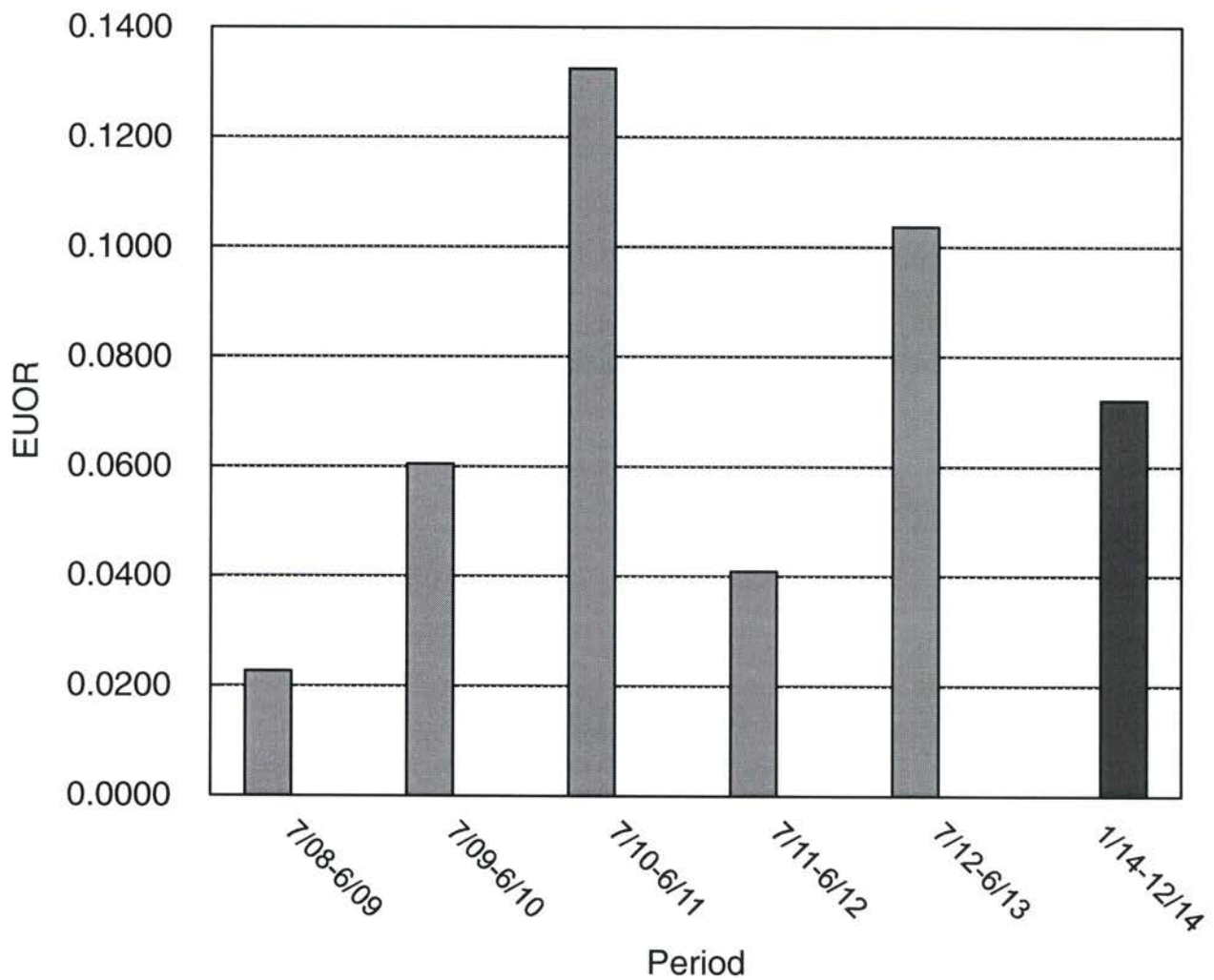
### EUOR VS. PERIOD CRIST 7 January-December



### EUOR VS. PERIOD SMITH 1 January-December



### EUOR VS. PERIOD SMITH 2 January-December

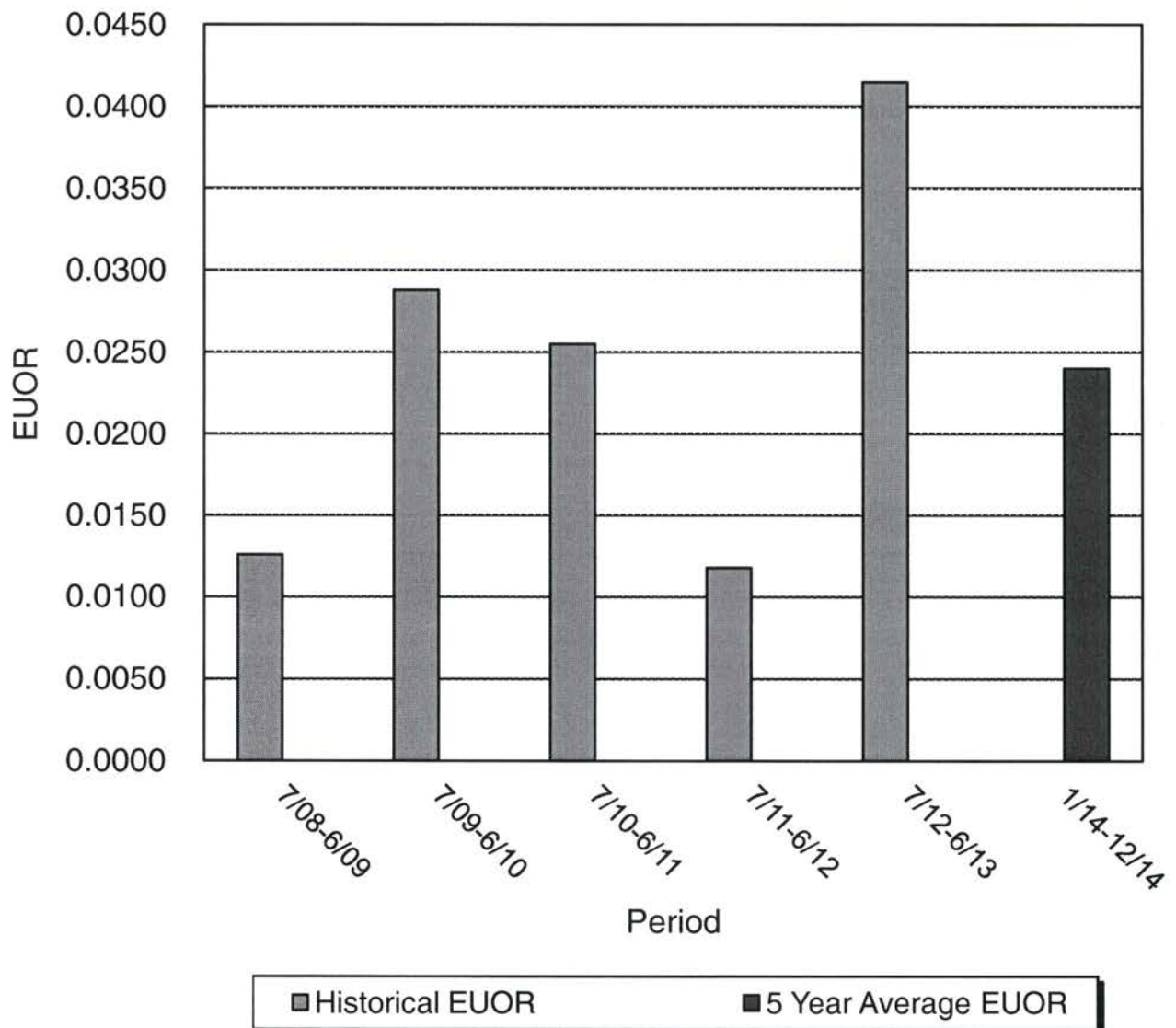


■ Historical EUOR

■ 5 Year Average EUOR



### EUOR VS. PERIOD Smith 3 January-December



III. GPIF MINIMUM FILING REQUIREMENTS FOR THE  
PERIOD JANUARY 2014 - DECEMBER 2014

CONTENTS	SCHEDULE 3 PAGE
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GPIF Calculation of Maximum Allowed Incentive Dollars	4
GPIF Target and Range Summary	5
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Estimated Unit Performance Data	17 - 29
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Generating Performance Incentive Factor

Estimated Reward/Penalty Table

Gulf Power Company

Period of: January 2014 - December 2014

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	8947	5208
+ 9	8052	4688
+ 8	7158	4167
+ 7	6263	3646
+ 6	5368	3125
+ 5	4474	2604
+ 4	3579	2083
+ 3	2684	1563
+ 2	1789	1042
+ 1	895	521
0	0	0
- 1	-888	-521
- 2	-1777	-1042
- 3	-2665	-1563
- 4	-3554	-2083
- 5	-4442	-2604
- 6	-5330	-3125
- 7	-6219	-3646
- 8	-7107	-4167
- 9	-7996	-4688
- 10	-8884	-5208
	Minimum Attainable Fuel Loss	Maximum Incentive Dollars Allowed by Commission During Period (Penalty)

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Generating Performance Incentive Factor

Calculation of Maximum Allowed Incentive Dollars

Estimated

Gulf Power Company

Period of: January 2014 - December 2014

Line 1	Beginning of Period Balance of Common Equity	\$1,255,018,711
	End of Month Balance of Common Equity:	
Line 2	Month of Jan '14	\$1,311,459,609
Line 3	Month of Feb '14	\$1,315,743,321
Line 4	Month of Mar '14	\$1,323,130,379
Line 5	Month of Apr '14	\$1,297,074,708
Line 6	Month of May '14	\$1,306,383,027
Line 7	Month of Jun '14	\$1,321,939,998
Line 8	Month of Jul '14	\$1,309,287,738
Line 9	Month of Aug '14	\$1,326,358,719
Line 10	Month of Sep '14	\$1,340,722,420
Line 11	Month of Oct '14	\$1,315,507,500
Line 12	Month of Nov '14	\$1,319,437,818
Line 13	Month of Dec '14	\$1,355,637,296
Line 14	Average Common Equity for the Period (sum of line 1 through line 13 divided by 13)	\$1,315,207,788
Line 15	25 Basis Points	0.0025
Line 16	Revenue Expansion Factor	61.1928%
Line 17	Maximum Allowed Incentive Dollars (line 14 multiplied by line 15 divided by line 16 multiplied by 1.0)	\$5,373,213
Line 18	Jurisdictional Sales (KWH)	11,096,542,668
Line 19	Total Territorial Sales (KWH)	11,447,591,023
Line 20	Jurisdictional Separation Factor (line 18 divided by line 19)	96.9334%
Line 21	Maximum Allowed Jurisdictional Incentive Dollars (line 17 multiplied by line 20)	\$5,208,440

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GPIF Unit Performance Summary

Gulf Power Company

Period of: January 2014 - December 2014

Plant & Unit	Weighting Factor %	EAF Target %	EAF Range		Max Fuel Savings (\$000)	Max Fuel Loss (\$000)
			Max %	Min %		
Crist 5	0.0%	91.0	91.3	90.8	\$1	(\$1)
Crist 6	0.0%	93.5	95.1	89.9	\$3	(\$7)
Crist 7	0.9%	78.1	79.5	76.5	\$79	(\$89)
Smith 1	0.1%	95.9	97.2	94.3	\$6	(\$24)
Smith 2	0.2%	96.4	97.1	93.9	\$14	(\$1)
Smith 3	1.9%	92.8	93.5	91.8	\$172	(\$90)

Plant & Unit	Weighting Factor %	ANOHR Target BTU/KWH	Target NOF	ANOHR Range		Max Fuel Savings (\$000)	Max Fuel Loss (\$000)
				Min BTU/KWH	Max BTU/KWH		
Crist 5	2.4%	11,713	56.1	11,362	12,064	\$217	(\$217)
Crist 6	13.4%	12,294	42.4	11,925	12,663	\$1,201	(\$1,201)
Crist 7	20.7%	11,045	60.6	10,714	11,376	\$1,851	(\$1,851)
Smith 1	10.8%	10,577	71.8	10,260	10,894	\$969	(\$969)
Smith 2	8.5%	10,814	53.4	10,490	11,138	\$760	(\$760)
Smith 3	41.1%	6,862	92.7	6,656	7,068	\$3,674	(\$3,674)

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Comparison of GPIF Targets vs. Actual Performance of Prior Periods

Availability

Gulf Power Company

Period of: January 2014 - December 2014

Plant & Unit	Target Weighting Factor	Normalized Weighting Factor	Target			Actual Performance 1st Prior Period Jul '012 - Jun '013			Actual Performance 2nd Prior Period Jul '011 - Jun '012		
			POF	EUOF	EUOR	POF	EUOF	EUOR	POF	EUOF	EUOR
			Crist 5	0.0%	0.4%	0.0822	0.0075	0.0160	0.0000	0.0105	0.0128
Crist 6	0.0%	1.1%	0.0000	0.0648	0.0847	0.0000	0.0605	0.1214	0.2197	0.0661	0.1061
Crist 7	0.9%	28.7%	0.1781	0.0407	0.0588	0.2632	0.0133	0.0206	0.0000	0.0470	0.0509
Smith 1	0.1%	2.2%	0.0000	0.0408	0.0572	0.0000	0.0586	0.0679	0.1261	0.0230	0.0277
Smith 2	0.2%	5.1%	0.0000	0.0360	0.0721	0.0000	0.0619	0.1037	0.0000	0.0207	0.0409
Smith 3	1.9%	62.5%	0.0493	0.0228	0.0240	0.0654	0.0386	0.0415	0.0390	0.0113	0.0118
Weighted GPIF System Average			0.0823	0.0294	0.0378	0.1165	0.0331	0.0400	0.0303	0.0229	0.0259

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Comparison of GPIF Targets vs. Actual Performance of Prior Periods

Availability

Gulf Power Company

Period of: January 2014 - December 2014

Plant & Unit	Target Weighting Factor	Normalized Weighting Factor	Actual Performance 3rd Prior Period Jul '010 - Jun '011			Actual Performance 4th Prior Period Jul '09 - Jun '010			Actual Performance 5th Prior Period Jul '08 - Jun '09		
			POF	EUOF	EUOR	POF	EUOF	EUOR	POF	EUOF	EUOR
			Crist 5	0.0%	0.4%	0.0411	0.0152	0.0175	0.0694	0.0105	0.0118
Crist 6	0.0%	1.1%	0.2576	0.0495	0.0853	0.0626	0.0254	0.0370	0.1549	0.0475	0.0738
Crist 7	0.9%	28.7%	0.0867	0.0398	0.0438	0.1773	0.0715	0.0869	0.1367	0.0752	0.0917
Smith 1	0.1%	2.2%	0.0631	0.0494	0.0554	0.0000	0.0686	0.0827	0.0735	0.0367	0.0525
Smith 2	0.2%	5.1%	0.0932	0.0935	0.1325	0.0000	0.0519	0.0605	0.0272	0.0214	0.0227
Smith 3	1.9%	62.5%	0.0460	0.0240	0.0255	0.1999	0.0212	0.0288	0.0869	0.0097	0.0126
Weighted GPIF System Average			0.0628	0.0329	0.0375	0.1769	0.0383	0.0483	0.0983	0.0302	0.0374

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Comparison of GPIF Targets vs. Actual Performance of Prior Periods

Average Net Operating Heat Rate

Gulf Power Company

Period of: January 2014 - December 2014

Plant & Unit	Target Weighting Factor	Normalized Weighting Factor	Heat Rate Target	1st Prior Period	2nd Prior Period	3rd Prior Period
				Heat Rate	Heat Rate	Heat Rate
				Jul '012 - Jun '013	Jul '011 - Jun '012	Jul '010 - Jun '011
Crist 5	2.4%	2.5%	11,713	11,638	11,693	11,700
Crist 6	13.4%	13.8%	12,294	12,296	12,112	12,402
Crist 7	20.7%	21.3%	11,045	10,892	11,211	10,990
Smith 1	10.8%	11.2%	10,577	10,643	10,516	10,605
Smith 2	8.5%	8.8%	10,814	10,856	10,721	10,833
Smith 3	41.1%	42.4%	6,862	6,616	6,612	6,611
Weighted GPIF System Average:			9,390	9,263	9,279	9,291

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Example Calculation of Prior Season

Average Net Operating Heat Rate

Adjusted to Target Basis

Crist 6 Jul '011 - Jun '012

	Jul Jan	Aug Feb	Sep Mar	Oct Apr	Nov May	Dec Jun
1. Target Heat Rate*	12882.0 12353.0	12092.0 12438.0	12346.0 12346.0	12346.0 12765.0	11823.0 11432.0	12353.0 12353.0
2. Target Heat Rate at Actual Conditions**	12118.0 11733.0	11427.0 0.0	11749.0 0.0	12175.0 12648.0	11711.0 10481.0	12087.0 10855.0
3. Adjustments to Actual Heat Rate (1-2)	764.0 620.0	665.0 12438.0	597.0 12346.0	171.0 117.0	112.0 951.0	266.0 1498.0
4. Actual Heat Rate for Prior Period	12049.0 11889.0	11178.0 0.0	11521.0 0.0	12207.0 12198.0	11389.0 10255.0	11947.0 10349.0
5. Adjusted actual Heat Rate (4+3)	12813.0 12509.0	11843.0 12438.0	12118.0 12346.0	12378.0 12315.0	11501.0 11206.0	12213.0 11847.0
6. Forecast Net MWH Generation*	58859.5 79194.3	84681.2 24989.7	86849.8 46815.3	89736.3 82837.6	81578.8 53968.7	71538.8 71664.3

7. Adjusted Actual Heat Rate  
for Jul '011 - Jun '012  
= (  $\Sigma$  ((5)\*(6)) ) / (  $\Sigma$  (6))

12,112

\* For the January 2014 - December 2014 time period.

\*\* Based on the target heat rate equation from Page 2 of Schedule 1 using actual rather than forecast variable values.

Derivation of Weighting Factors

Gulf Power Company

Period of: January 2014 - December 2014

Plant & Unit	Unit Performance Indicator	Production Cost Simulation Fuel Cost (\$000)			Weighting Factor (% of Savings)
		At Target (1)	At Maximum Improvement (2)	Savings (3)	
Crist 5	EA-2	\$491,709	\$491,708	\$1	0.0%
Crist 5	ANOHR-2	\$491,709	\$491,492	\$217	2.4%
Crist 6	EA-3	\$491,709	\$491,706	\$3	0.0%
Crist 6	ANOHR-3	\$491,709	\$490,508	\$1,201	13.4%
Crist 7	EA-4	\$491,709	\$491,630	\$79	0.9%
Crist 7	ANOHR-4	\$491,709	\$489,858	\$1,851	20.7%
Smith 1	EA-5	\$491,709	\$491,703	\$6	0.1%
Smith 1	ANOHR-5	\$491,709	\$490,740	\$969	10.8%
Smith 2	EA-6	\$491,709	\$491,695	\$14	0.2%
Smith 2	ANOHR-6	\$491,709	\$490,949	\$760	8.5%
Smith 3	EA-7	\$491,709	\$491,537	\$172	1.9%
Smith 3	ANOHR-7	\$491,709	\$488,035	\$3,674	41.1%

- (1) Fuel Adjustment Base Case - All unit performance indicators at target.
- (2) All other unit performance indicators at target.
- (3) Expressed in replacement energy costs. Also includes variable operating and maintenance expense savings associated with availability improvements.

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2014 - December 2014

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	1	91.30	+ 10	217	11,362
+ 9	1	91.28	+ 9	195	11,390
+ 8	1	91.26	+ 8	174	11,417
+ 7	1	91.24	+ 7	152	11,445
+ 6	1	91.22	+ 6	130	11,472
+ 5	1	91.20	+ 5	109	11,500
+ 4	0	91.18	+ 4	87	11,528
+ 3	0	91.16	+ 3	65	11,555
+ 2	0	91.14	+ 2	43	11,583
+ 1	0	91.12	+ 1	22	11,610
0	0	91.10	0	0	11,638
				0	11,713
				0	11,788
- 1	(0)	91.07	- 1	(22)	11,816
- 2	(0)	91.04	- 2	(43)	11,843
- 3	(0)	91.01	- 3	(65)	11,871
- 4	(0)	90.98	- 4	(87)	11,898
- 5	(1)	90.95	- 5	(109)	11,926
- 6	(1)	90.92	- 6	(130)	11,954
- 7	(1)	90.89	- 7	(152)	11,981
- 8	(1)	90.86	- 8	(174)	12,009
- 9	(1)	90.83	- 9	(195)	12,036
- 10	(1)	90.80	- 10	(217)	12,064
Weighting Factor:		0.000	Weighting Factor:		0.024

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2014 - December 2014

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	3	95.10	+ 10	1,201	11,925
+ 9	3	94.90	+ 9	1,081	11,954
+ 8	2	94.70	+ 8	961	11,984
+ 7	2	94.50	+ 7	841	12,013
+ 6	2	94.30	+ 6	721	12,043
+ 5	2	94.10	+ 5	601	12,072
+ 4	1	93.90	+ 4	480	12,101
+ 3	1	93.70	+ 3	360	12,131
+ 2	1	93.50	+ 2	240	12,160
+ 1	0	93.30	+ 1	120	12,190
0	0	93.10	0	0	12,219
				0	12,294
				0	12,369
- 1	(1)	92.78	- 1	(120)	12,398
- 2	(1)	92.46	- 2	(240)	12,428
- 3	(2)	92.14	- 3	(360)	12,457
- 4	(3)	91.82	- 4	(480)	12,487
- 5	(4)	91.50	- 5	(601)	12,516
- 6	(4)	91.18	- 6	(721)	12,545
- 7	(5)	90.86	- 7	(841)	12,575
- 8	(6)	90.54	- 8	(961)	12,604
- 9	(6)	90.22	- 9	(1,081)	12,634
- 10	(7)	89.90	- 10	(1,201)	12,663
Weighting Factor:		0.000	Weighting Factor:		0.134

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2014 - December 2014

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	79	79.50	+ 10	1,851	10,714
+ 9	71	79.38	+ 9	1,666	10,740
+ 8	63	79.26	+ 8	1,481	10,765
+ 7	55	79.14	+ 7	1,296	10,791
+ 6	47	79.02	+ 6	1,111	10,816
+ 5	40	78.90	+ 5	926	10,842
+ 4	32	78.78	+ 4	740	10,868
+ 3	24	78.66	+ 3	555	10,893
+ 2	16	78.54	+ 2	370	10,919
+ 1	8	78.42	+ 1	185	10,944
0	0	78.30	0	0	10,970
- 1	(9)	78.12	- 1	(185)	11,045
- 2	(18)	77.94	- 2	(370)	11,120
- 3	(27)	77.76	- 3	(555)	11,146
- 4	(36)	77.58	- 4	(740)	11,171
- 5	(45)	77.40	- 5	(926)	11,197
- 6	(53)	77.22	- 6	(1,111)	11,222
- 7	(62)	77.04	- 7	(1,296)	11,248
- 8	(71)	76.86	- 8	(1,481)	11,274
- 9	(80)	76.68	- 9	(1,666)	11,299
- 10	(89)	76.50	- 10	(1,851)	11,325
Weighting Factor:		0.009	Weighting Factor:		0.207

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2014 - December 2014

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	6	97.20	+ 10	969	10,260
+ 9	5	97.08	+ 9	872	10,284
+ 8	5	96.96	+ 8	775	10,308
+ 7	4	96.84	+ 7	678	10,333
+ 6	4	96.72	+ 6	581	10,357
+ 5	3	96.60	+ 5	485	10,381
+ 4	2	96.48	+ 4	388	10,405
+ 3	2	96.36	+ 3	291	10,429
+ 2	1	96.24	+ 2	194	10,454
+ 1	1	96.12	+ 1	97	10,478
0	0	96.00	0	0	10,502
				0	10,577
				0	10,652
- 1	(2)	95.83	- 1	(97)	10,676
- 2	(5)	95.66	- 2	(194)	10,700
- 3	(7)	95.49	- 3	(291)	10,725
- 4	(10)	95.32	- 4	(388)	10,749
- 5	(12)	95.15	- 5	(485)	10,773
- 6	(14)	94.98	- 6	(581)	10,797
- 7	(17)	94.81	- 7	(678)	10,821
- 8	(19)	94.64	- 8	(775)	10,846
- 9	(22)	94.47	- 9	(872)	10,870
- 10	(24)	94.30	- 10	(969)	10,894
Weighting Factor:		0.001	Weighting Factor:		0.108

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2014 - December 2014

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	14	97.10	+ 10	760	10,490
+ 9	13	96.97	+ 9	684	10,515
+ 8	11	96.84	+ 8	608	10,540
+ 7	10	96.71	+ 7	532	10,565
+ 6	8	96.58	+ 6	456	10,590
+ 5	7	96.45	+ 5	380	10,615
+ 4	6	96.32	+ 4	304	10,639
+ 3	4	96.19	+ 3	228	10,664
+ 2	3	96.06	+ 2	152	10,689
+ 1	1	95.93	+ 1	76	10,714
				0	10,739
0	0	95.80	0	0	10,814
				0	10,889
- 1	(0)	95.61	- 1	(76)	10,914
- 2	(0)	95.42	- 2	(152)	10,939
- 3	(0)	95.23	- 3	(228)	10,964
- 4	(0)	95.04	- 4	(304)	10,989
- 5	(1)	94.85	- 5	(380)	11,014
- 6	(1)	94.66	- 6	(456)	11,038
- 7	(1)	94.47	- 7	(532)	11,063
- 8	(1)	94.28	- 8	(608)	11,088
- 9	(1)	94.09	- 9	(684)	11,113
- 10	(1)	93.90	- 10	(760)	11,138
Weighting Factor:		0.002	Weighting Factor:		0.085

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2014 - December 2014

Smith 3

Equivalent Availability Points	Fuel Savings/Loss (\$000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/Loss (\$000)	Adjusted Actual Heat Rate
+ 10	172	93.50	+ 10	3,674	6,656
+ 9	155	93.43	+ 9	3,307	6,669
+ 8	138	93.36	+ 8	2,939	6,682
+ 7	120	93.29	+ 7	2,572	6,695
+ 6	103	93.22	+ 6	2,204	6,708
+ 5	86	93.15	+ 5	1,837	6,722
+ 4	69	93.08	+ 4	1,470	6,735
+ 3	52	93.01	+ 3	1,102	6,748
+ 2	34	92.94	+ 2	735	6,761
+ 1	17	92.87	+ 1	367	6,774
0	0	92.80	0	0	6,787
- 1	(9)	92.70	- 1	(367)	6,862
- 2	(18)	92.60	- 2	(735)	6,937
- 3	(27)	92.50	- 3	(1,102)	6,950
- 4	(36)	92.40	- 4	(1,470)	6,963
- 5	(45)	92.30	- 5	(1,837)	6,976
- 6	(54)	92.20	- 6	(2,204)	6,989
- 7	(63)	92.10	- 7	(2,572)	7,003
- 8	(72)	92.00	- 8	(2,939)	7,016
- 9	(81)	91.90	- 9	(3,307)	7,029
- 10	(90)	91.80	- 10	(3,674)	7,042
Weighting Factor:		0.019	Weighting Factor:		0.411

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ESTIMATED UNIT PERFORMANCE DATA

ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2014 - December 2014

CRIST 5	Jan '14	Feb '14	Mar '14	Apr '14	May '14	Jun '14	
1. EAF (%)	93.5	99.9	99.6	36.7	64.5	99.6	
2. POF (%)	0.0	0.0	0.0	63.3	35.5	0.0	
3. EUOF (%)	6.5	0.1	0.4	0.0	0.0	0.4	
4. EUOR (%)	16.6	0.3	0.4	0.0	0.0	1.0	
5. PH	744.0	672.0	743.0	720.0	744.0	720.0	
6. SH	241.1	344.9	703.3	200.2	323.1	324.0	
7. RSH	454.9	327.1	39.7	63.8	156.9	392.8	
8. UH	48.0	0.0	0.0	456.0	264.0	3.2	
9. POH	0.0	0.0	0.0	456.0	264.0	0.0	
10. FOH & EFOH	0.0	1.0	3.0	0.0	0.0	3.2	
11. MOH & EMOH	48.0	0.0	0.0	0.0	0.0	0.0	
12. Oper MBtu	116378.0	165769.0	341013.0	96683.0	156205.0	161413.0	
13. Net Gen (MWH)	10005.0	14225.4	29349.6	8311.8	13435.8	13561.8	
14. ANOHR (Btu/KWH)	11632.0	11653.0	11619.0	11632.0	11626.0	11902.0	
15. NOF %	55.3	55.0	55.6	55.4	55.4	55.8	
16. NPC (MW)	75.0	75.0	75.0	75.0	75.0	75.0	
19. ANOHR Equation	$10^6 / AKW * [230.19 + 12.41 * JUN + 16.35 * JUL + 17.53 * OCT]$ $+ 3.801 + 0.05350 * LSRF / AKW$						

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ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2014 - December 2014

CRIST 5	Jul '14	Aug '14	Sep '14	Oct '14	Nov '14	Dec '14	Total
1. EAF (%)	99.6	99.6	99.6	100.0	99.9	100.0	91.0
2. POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	8.2
3. EUOF (%)	0.4	0.4	0.4	0.0	0.1	0.0	0.8
4. EUOR (%)	0.7	0.7	2.7	0.0	0.9	0.0	1.7
5. PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
6. SH	440.0	454.0	115.0	404.3	112.2	120.3	3782.2
7. RSH	300.7	286.7	601.8	339.7	608.8	623.7	4196.9
8. UH	3.3	3.3	3.2	0.0	0.0	0.0	780.9
9. POH	0.0	0.0	0.0	0.0	0.0	0.0	720.0
10. FOH & EFOH	3.3	3.3	3.2	0.0	1.0	0.0	17.9
11. MOH & EMOH	0.0	0.0	0.0	0.0	0.0	0.0	48.0
12. Oper MBtu	221132.0	238211.0	55207.0	202034.0	52706.0	56963.0	1863714.0
13. Net Gen (MWH)	18433.8	20949.0	4737.6	16749.6	4489.8	4867.8	159117.0
14. ANOHR (Btu/KWH)	11996.0	11371.0	11653.0	12062.0	11739.0	11702.0	11713.0
15. NOF %	55.9	61.5	54.9	55.2	53.4	54.0	56.1
16. NPC (MW)	75.0	75.0	75.0	75.0	75.0	75.0	75.0
19. ANOHR Equation	$10^6 / AKW * [230.19 + 12.41 * JUN + 16.35 * JUL + 17.53 * OCT]$ $+ 3.801 + 0.05350 * LSRF / AKW$						

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ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2014 - December 2014

CRIST 6	Jan '14	Feb '14	Mar '14	Apr '14	May '14	Jun '14	
1. EAF (%)	97.0	62.6	87.6	96.8	96.8	96.9	
2. POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	
3. EUOF (%)	3.0	37.4	12.4	3.2	3.2	3.1	
4. EUOR (%)	3.4	55.3	19.8	3.4	5.3	3.7	
5. PH	744.0	672.0	743.0	720.0	744.0	720.0	
6. SH	632.0	203.0	373.0	662.0	431.0	572.0	
7. RSH	90.0	218.0	278.0	36.0	291.0	126.0	
8. UH	22.0	251.0	92.0	22.0	22.0	22.0	
9. POH	0.0	0.0	0.0	0.0	0.0	0.0	
10. FOH & EFOH	22.0	11.0	20.0	23.0	24.0	22.0	
11. MOH & EMOH	0.0	240.0	72.0	0.0	0.0	0.0	
12. Oper MBtu	978287.0	310822.0	577982.0	1057422.0	616970.0	885269.0	
13. Net Gen (MWH)	79194.3	24989.7	46815.3	82837.6	53968.7	71664.3	
14. ANOHR (Btu/KWH)	12353.0	12438.0	12346.0	12765.0	11432.0	12353.0	
15. NOF %	43.1	42.3	43.1	43.0	41.7	41.8	
16. NPC (MW)	291.0	291.0	291.0	291.0	300.0	300.0	
19. ANOHR Equation	$10\% / AKW * [ 1012.40 + 50.51 * APR - 115.89 * MAY + 67.27 * JUL - 67.36 * NOV ]$ $+ 1,428 + 0.02148 * LSRF / AKW$						

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ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2014 - December 2014

CRIST 6	Jul '14	Aug '14	Sep '14	Oct '14	Nov '14	Dec '14	Total
1. EAF (%)	97.0	97.0	96.9	96.8	96.9	97.0	93.5
2. POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. EUOF (%)	3.0	3.0	3.1	3.2	3.1	3.0	6.5
4. EUOR (%)	4.5	3.3	3.1	3.3	3.3	3.7	7.9
5. PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
6. SH	469.0	637.0	692.1	715.1	652.0	571.0	6609.2
7. RSH	253.0	85.0	5.9	6.9	47.0	151.0	1587.8
8. UH	22.0	22.0	22.0	22.0	22.0	22.0	563.0
9. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. FOH & EFOH	22.0	22.0	22.0	24.0	22.0	22.0	256.0
11. MOH & EMOH	0.0	0.0	0.0	0.0	0.0	0.0	312.0
12. Oper MBtu	758228.0	1023965.0	1072248.0	1107884.0	964506.0	883719.0	10237302.0
13. Net Gen (MWH)	58859.5	84681.2	86849.8	89736.3	81578.8	71538.8	832714.3
14. ANOHR (Btu/KWH)	12882.0	12092.0	12346.0	12346.0	11823.0	12353.0	12294.0
15. NOF %	41.8	44.3	41.8	41.8	41.7	41.8	42.4
16. NPC (MW)	300.0	300.0	300.0	300.0	300.0	300.0	297.0
19. ANOHR Equation	$10^6 / AKW * [ 1012.40 + 50.51 * APR - 115.89 * MAY + 67.27 * JUL - 67.36 * NOV ]$ $+ 1,428 + 0.02148 * LSRF / AKW$						

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ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2014 - December 2014

CRIST 7	Jan '14	Feb '14	Mar '14	Apr '14	May '14	Jun '14	
1. EAF (%)	97.6	97.8	78.7	90.8	97.8	97.8	
2. POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	
3. EUOF (%)	2.4	2.2	21.3	9.2	2.2	2.2	
4. EUOR (%)	2.6	2.5	30.6	11.0	2.2	2.8	
5. PH	744.0	672.0	743.0	720.0	744.0	720.0	
6. SH	684.0	586.0	359.0	534.0	723.8	547.0	
7. RSH	44.0	72.0	226.0	122.0	4.2	157.0	
8. UH	16.0	14.0	158.0	64.0	16.0	16.0	
9. POH	0.0	0.0	0.0	0.0	0.0	0.0	
10. FOH & EFOH	18.0	15.0	14.0	18.0	16.0	16.0	
11. MOH & EMOH	0.0	0.0	144.0	48.0	0.0	0.0	
12. Oper MBtu	2026353.0	1705717.0	1020649.0	1720947.0	2225640.0	1729789.0	
13. Net Gen (MWH)	182472.1	153061.5	95076.8	147923.9	201817.2	157597.4	
14. ANOHR (Btu/KWH)	11105.0	11144.0	10735.0	11634.0	11028.0	10976.0	
15. NOF %	57.4	56.2	57.0	59.6	60.0	62.0	
16. NPC (MW)	465.0	465.0	465.0	465.0	465.0	465.0	
19. ANOHR Equation	$10\% / AKW * [ 1373.91 - 101.46 * MAR + 164.88 * APR ]$ $+ 3,451 + 0.00908 * LSRF / AKW$						

Issued by: S. W. Connally, Jr.

ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2014 - December 2014

	CRIST 7	Jul '14	Aug '14	Sep '14	Oct '14	Nov '14	Dec '14	Total
1.	EAF (%)	97.7	97.6	61.9	0.0	22.8	97.6	78.1
2.	POF (%)	0.0	0.0	36.7	100.0	76.6	0.0	17.8
3.	EUOF (%)	2.3	2.4	1.4	0.0	0.6	2.4	4.1
4.	EUOR (%)	2.3	3.4	2.4	0.0	7.2	5.1	6.1
5.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
6.	SH	723.8	506.0	406.0	0.0	59.0	332.0	5460.5
7.	RSR	3.2	220.0	40.0	0.0	105.4	394.0	1387.9
8.	UH	17.0	18.0	274.0	744.0	556.6	18.0	1911.6
9.	POH	0.0	0.0	264.0	744.0	552.0	0.0	1560.0
10.	FOH & EFOH	17.0	18.0	10.0	0.0	4.6	18.0	164.6
11.	MOH & EMOH	0.0	0.0	0.0	0.0	0.0	0.0	192.0
12.	Oper MBtu	2491625.0	1688765.0	1302830.0	0.0	163243.0	959459.0	17035017.0
13.	Net Gen (MWH)	229791.1	155103.3	118979.9	0.0	14488.6	85965.3	1542277.1
14.	ANOHR (Btu/KWH)	10843.0	10888.0	10950.0	-	11267.0	11161.0	11045.0
15.	NOF %	68.3	65.9	63.0	0.0	52.0	54.9	60.6
16.	NPC (MW)	465.0	465.0	465.0	465.0	472.0	472.0	466.2
19.	ANOHR Equation	$10^6 / AKW * [ 1373.91 - 101.46 * MAR + 164.88 * APR ]$ $+ 3,451 + 0.00908 * LSRF / AKW$						

Issued by: S. W. Connally, Jr.



ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2014 - December 2014

SMITH 1	Jan '14	Feb '14	Mar '14	Apr '14	May '14	Jun '14	
1. EAF (%)	98.9	99.0	99.1	99.3	99.2	99.3	
2. POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	
3. EUOF (%)	1.1	1.0	0.9	0.7	0.8	0.7	
4. EUOR (%)	1.7	1.8	1.0	0.9	2.8	1.2	
5. PH	744.0	672.0	743.0	720.0	744.0	720.0	
6. SH	466.0	388.0	712.0	575.0	212.0	427.0	
7. RSH	272.0	279.0	25.0	140.0	526.0	288.0	
8. UH	6.0	5.0	6.0	5.0	6.0	5.0	
9. POH	0.0	0.0	0.0	0.0	0.0	0.0	
10. FOH & EFOH	8.0	7.0	7.0	5.0	6.0	5.0	
11. MOH & EMOH	0.0	0.0	0.0	0.0	0.0	0.0	
12. Oper MBtu	579606.0	466990.0	886394.0	716032.0	237817.0	519846.0	
13. Net Gen (MWH)	55142.8	44357.0	83559.0	68128.6	22359.6	49009.7	
14. ANOHR (Btu/KWH)	10511.0	10528.0	10608.0	10510.0	10636.0	10607.0	
15. NOF %	73.0	70.6	72.4	73.1	65.1	70.8	
16. NPC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	
19. ANOHR Equation	$10^6 / AKW * [ 59.93 + 11.03 * MAR + 6.71 * MAY + 9.25 * JUN + 11.47 * JUL + 12.00 * AUG + 16.27 * OCT ]$ + 10,004						

Issued by: S. W. Connally, Jr.

ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2014 - December 2014

	SMITH 1	Jul '14	Aug '14	Sep '14	Oct '14	Nov '14	Dec '14	Total
1.	EAF (%)	99.2	99.2	99.3	99.2	92.6	67.3	95.9
2.	POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	EUOF (%)	0.8	0.8	0.7	0.8	7.4	32.7	4.1
4.	EUOR (%)	0.8	0.9	1.2	1.1	9.0	84.4	5.9
5.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
6.	SH	735.0	683.0	396.0	536.0	533.0	45.0	5708.0
7.	RSR	3.0	55.0	319.0	202.0	135.0	456.0	2700.0
8.	UH	6.0	6.0	5.0	6.0	53.0	243.0	352.0
9.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	FOH & EFOH	6.0	6.0	5.0	6.0	5.0	3.0	69.0
11.	MOH & EMOH	0.0	0.0	0.0	0.0	48.0	240.0	288.0
12.	Oper MBtu	942012.0	870882.0	451536.0	658248.0	639476.0	52175.0	7021014.0
13.	Net Gen (MWH)	88919.4	82143.2	42763.1	61714.6	60729.0	4946.0	663772.0
14.	ANOHR (Btu/KWH)	10594.0	10602.0	10559.0	10666.0	10530.0	10549.0	10577.0
15.	NOF %	74.7	74.2	66.7	71.1	70.3	67.8	71.8
16.	NPC (MW)	162.0	162.0	162.0	162.0	162.0	162.0	162.0
19.	ANOHR Equation	$10^6 / AKW * [ 59.93 + 11.03 * MAR + 6.71 * MAY + 9.25 * JUN + 11.47 * JUL + 12.00 * AUG + 16.27 * OCT ] + 10,004$						

Issued by: S. W. Connally, Jr.

ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2014 - December 2014

SMITH 2	Jan '14	Feb '14	Mar '14	Apr '14	May '14	Jun '14	
1. EAF (%)	99.7	99.7	99.7	59.9	99.7	99.7	
2. POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	
3. EUOF (%)	0.3	0.3	0.3	40.1	0.3	0.3	
4. EUOR (%)	0.4	0.5	1.8	50.4	0.4	0.6	
5. PH	744.0	672.0	743.0	720.0	744.0	720.0	
6. SH	499.0	413.0	107.0	284.0	538.0	308.0	
7. RSH	243.0	257.0	634.0	147.0	204.0	410.0	
8. UH	2.0	2.0	2.0	289.0	2.0	2.0	
9. POH	0.0	0.0	0.0	0.0	0.0	0.0	
10. FOH & EFOH	2.0	2.0	2.0	1.0	2.0	2.0	
11. MOH & EMOH	0.0	0.0	0.0	288.0	0.0	0.0	
12. Oper MBtu	591581.0	489387.0	123185.0	325432.0	532495.0	310009.0	
13. Net Gen (MWH)	55474.6	45104.8	11717.4	30675.1	49387.4	28159.6	
14. ANOHR (Btu/KWH)	10664.0	10850.0	10513.0	10609.0	10782.0	11009.0	
15. NOF %	57.0	56.0	56.2	55.4	47.1	46.9	
16. NPC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	
19. ANOHR Equation	10*6 / AKW * [ 89.09 - 19.11 * JAN - 36.70 * MAR - 27.06 * APR - 20.50 * MAY - 19.52 * NOV ] + 10,035						

Issued by: S. W. Connally, Jr.

ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2014 - December 2014

SMITH 2	Jul '14	Aug '14	Sep '14	Oct '14	Nov '14	Dec '14	Total
1. EAF (%)	99.7	99.7	99.7	99.5	99.4	99.7	96.4
2. POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3. EUOF (%)	0.3	0.3	0.3	0.5	0.6	0.3	3.6
4. EUOR (%)	0.4	0.4	0.5	1.2	1.4	0.3	6.2
5. PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
6. SH	445.0	449.0	427.0	333.0	285.0	699.0	4787.0
7. RSH	297.0	293.0	291.0	409.0	434.0	44.0	3663.0
8. UH	2.0	2.0	2.0	2.0	2.0	1.0	310.0
9. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. FOH & EFOH	2.0	2.0	2.0	4.0	4.0	2.0	27.0
11. MOH & EMOH	0.0	0.0	0.0	0.0	0.0	0.0	288.0
12. Oper MBtu	464509.0	567984.0	431268.0	395598.0	330046.0	833795.0	5395289.0
13. Net Gen (MWH)	42339.7	52615.5	39188.4	36467.4	30914.8	76890.0	498934.7
14. ANOHR (Btu/KWH)	10971.0	10795.0	11005.0	10848.0	10676.0	10844.0	10814.0
15. NOF %	48.8	60.1	47.1	56.2	55.6	56.4	53.4
16. NPC (MW)	195.0	195.0	195.0	195.0	195.0	195.0	195.0
19. ANOHR Equation	10*6 / AKW * [ 89.09 - 19.11 * JAN - 36.70 * MAR - 27.06 * APR - 20.50 * MAY - 19.52 * NOV ] + 10,035						

Issued by: S. W. Connally, Jr.

ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2014 - December 2014

SMITH 3	Jan '14	Feb '14	Mar '14	Apr '14	May '14	Jun '14	
1. EAF (%)	83.1	98.8	99.0	69.3	99.1	99.2	
2. POF (%)	0.0	0.0	0.0	30.0	0.0	0.0	
3. EUOF (%)	16.9	1.2	1.0	0.7	0.9	0.8	
4. EUOR (%)	16.9	1.2	1.0	1.0	0.9	0.8	
5. PH	744.0	672.0	743.0	720.0	744.0	720.0	
6. SH	618.0	666.0	736.4	499.0	737.4	714.0	
7. RSH	0.0	0.0	0.0	0.0	0.0	0.0	
8. UH	126.0	6.0	6.6	221.0	6.6	6.0	
9. POH	0.0	0.0	0.0	216.0	0.0	0.0	
10. FOH & EFOH	6.0	8.0	7.6	5.0	6.6	6.0	
11. MOH & EMOH	120.0	0.0	0.0	0.0	0.0	0.0	
12. Oper MBtu	2062340.0	2239628.0	2256418.0	1639682.0	2488223.0	2298113.0	
13. Net Gen (MWH)	301423.6	327622.6	326449.4	239264.9	364147.9	334514.3	
14. ANOHR (Btu/KWH)	6842.0	6836.0	6912.0	6853.0	6833.0	6870.0	
15. NOF %	95.6	96.5	86.9	94.0	96.8	91.9	
16. NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	
19. ANOHR Equation	$10^6 / AKW * [ 284.85 + 32.50 * JUL - 45.08 * OCT ]$ $+ 6,495 - 0.00002 * LSRF / AKW$						

Issued by: S. W. Connally, Jr.

ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2014 - December 2014

SMITH 3	Jul '14	Aug '14	Sep '14	Oct '14	Nov '14	Dec '14	Total
1. EAF (%)	99.1	99.1	99.1	82.9	85.9	99.0	92.8
2. POF (%)	0.0	0.0	0.0	16.1	13.3	0.0	4.9
3. EUOF (%)	0.9	0.9	0.9	1.0	0.8	1.0	2.3
4. EUOR (%)	0.9	0.9	0.9	1.1	1.0	1.0	2.4
5. PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
6. SH	737.4	737.4	713.6	617.0	620.0	737.3	8133.5
7. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8. UH	6.6	6.6	6.4	127.0	101.0	6.7	626.5
9. POH	0.0	0.0	0.0	120.0	96.0	0.0	432.0
10. FOH & EFOH	6.6	6.6	6.4	7.0	6.0	7.7	79.5
11. MOH & EMOH	0.0	0.0	0.0	0.0	0.0	0.0	120.0
12. Oper MBtu	2407779.0	2413733.0	2313907.0	1948716.0	1866106.0	2464018.0	26398663.0
13. Net Gen (MWH)	347192.3	352061.4	337107.7	287548.5	269318.2	360236.6	3846887.4
14. ANOHR (Btu/KWH)	6935.0	6856.0	6864.0	6777.0	6929.0	6840.0	6862.0
15. NOF %	92.3	93.6	92.6	91.4	85.2	95.8	92.7
16. NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0
19. ANOHR Equation	$10^6 / AKW * [ 284.85 + 32.50 * JUL - 45.08 * OCT ]$ $+ 6,495 - 0.00002 * LSRF / AKW$						

Issued by: S. W. Connally, Jr.

Planned Outage Schedules (Estimated)

Gulf Power Company

Period of: January 2014 - December 2014

Plant & Unit	Planned Outage Dates			Reason for Outage
Crist 5	04/12/14	-	05/11/14	General boiler maintenance and inspection.
Crist 5	04/12/14	-	05/11/14	General boiler maintenance and inspection.
Crist 7	09/20/14	-	11/23/14	General boiler maintenance and inspection.
Smith 3	04/21/14	-	04/29/14	Hot gas path inspection
Smith 3	10/27/14	-	11/04/14	Borescope Inspection

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Notes Regarding Estimated Planned Outage Schedules

Gulf Power Company

Period of: January 2014 - December 2014

It is important to understand that estimated dates for planned outages and their bar chart schedules are frequently changed in timing and work scope due to system conditions, findings of inspections, subcontractor requirements, material availability and so on.

Please note that in addition to the outages scheduled for the target period of January 2014 - December 2014, the outages shown below are currently planned and could be rescheduled for the target period.

Plant & Unit	Planned Outage Dates	Reason for Outage
--------------------	-------------------------	-------------------

None



BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

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

Docket No.: **130001-EI**

**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true copy of the foregoing was furnished via hand delivery to the Commission Clerk and to all counsel of record as indicated below via U. S. mail this 30th day of August, 2013:

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