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GULF POWER
A SOUTHERN COMPANY

August 30, 2012

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

REDACTED

Dear Ms. Cole:

Enclosed for official filing in Docket No. 120001-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 compact disc containing the Petition in Microsoft Word as prepared on a Windows XP operating system.

Sincerely,

Susan D. Ritenour

wb

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

COM 5
AFD 5+CD
APA 1
ECO 1
ENG 1
GCL 1
IDM
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CLK Ct Rep-1

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

IN RE: Fuel and Purchased Power Cost Recovery Clauses and Generating Performance Incentive Factor.	) Docket No.: 120001-EI) Filed: August 31, 2012

PETITION OF GULF POWER COMPANY FOR APPROVAL OF FINAL FUEL COST TRUE-UP AMOUNTS FOR JANUARY 2011 THROUGH DECEMBER 2011; FINAL GPIF ADJUSTMENT FOR JANUARY 2011 THROUGH DECEMBER 2011; ESTIMATED FUEL COST TRUE-UP AMOUNTS FOR JANUARY 2012 THROUGH DECEMBER 2012; PROJECTED FUEL COST RECOVERY AMOUNTS FOR JANUARY 2013 THROUGH DECEMBER 2013; FINAL PURCHASED POWER CAPACITY COST TRUE-UP AMOUNTS FOR JANUARY 2011 THROUGH DECEMBER 2011; ESTIMATED PURCHASED POWER CAPACITY COST TRUE-UP AMOUNTS FOR JANUARY 2012 THROUGH DECEMBER 2012; PROJECTED PURCHASED POWER CAPACITY COST RECOVERY AMOUNTS FOR JANUARY 2013 THROUGH DECEMBER 2013; ESTIMATED AS-AVAILABLE AVOIDED ENERGY COSTS; GPIF TARGETS AND RANGES FOR JANUARY 2013 THROUGH DECEMBER 2013; FINANCIAL HEDGING ACTIVITIES AND SETTLEMENTS FOR AUGUST 2011 THROUGH JULY 2012; GULF POWER COMPANY'S RISK MANAGEMENT PLAN FOR FUEL PROCUREMENT; FUEL COST RECOVERY FACTORS TO BE APPLIED BEGINNING WITH THE PERIOD JANUARY 2013 THROUGH DECEMBER 2013; AND CAPACITY COST RECOVERY FACTORS TO BE APPLIED BEGINNING WITH THE PERIOD JANUARY 2013 THROUGH DECEMBER 2013

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

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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 2011 through December 2011; (b) final GPIF adjustment; (c) estimated fuel cost true-up amounts for the period January 2012 through December 2012; (d) projected fuel cost recovery amounts for the period January 2013 through December 2013; (e) final purchased power capacity cost true-up amounts for the period January 2011 through December 2011; (f) estimated purchased power capacity cost true-up amounts for the period January 2012 through December 2012; (g) projected purchased power capacity cost recovery amounts for the period January 2013 through December 2013; (h) estimated as-available avoided energy costs for qualifying facilities (QF's); (i) GPIF targets and ranges for January 2013 through December 2013; (j) financial hedging activities and settlements for August 2011 through July 2012; (k) Gulf Power Company's Risk Management Plan; (l) fuel cost recovery factors to be applied beginning with the period January 2013 through December 2013; and (m) capacity cost recovery factors to be applied beginning with the period January 2013 through December 2013.

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 2011 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, 2011, the actual fuel true-up amount for the subject twelve months should be an over recovery of

$13,538,423 instead of the estimated under recovery of $8,441,457 as approved previously by this Commission. The difference between these two amounts, $21,979,880, was included in Gulf's mid-course reduction filing approved in Order No. PSC-12-0082-PCO-EI and is being refunded in 2012. Therefore, the final true-up amount submitted for approval by the Commission to be collected/refunded in the 2013 is $0. 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, 2012, Gulf filed the testimony and exhibit of M. A. Young containing the Company's actual operating results for the period January 2011 through December 2011. Based on the actual operating results for the period January 2011 through December 2011, Gulf should receive a reward in the amount of $1,040,660. 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 2012 through December 2012. Based on six months actual experience and six months projected data and the two mid-course fuel factor reductions filed in 2012, the Company's estimated fuel

cost true-up amount for the current period (January 2012 through December 2012) is an over recovery of $26,425,418. The supporting data is provided in the testimony and schedules of R. W. Dodd filed herewith. Since the net final fuel adjustment true-up for the period ending December 2011 has already been included in rates in 2012, the proposed fuel cost recovery factors reflect only the refund of the estimated fuel cost true-up amount, $26,425,418, during the period of January 2013 through December 2013.

PROJECTED FUEL COST RECOVERY AMOUNTS

(4) Gulf has calculated its projected fuel cost recovery amounts for the months January 2013 through December 2013 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 2011 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 2011, the final purchased power capacity cost true-up amount for the subject twelve months should be an actual over recovery of $6,826,694 instead of the estimated over recovery of $7,179,724 as approved previously by this Commission. The difference between these two amounts, $353,030, is submitted for approval by the Commission to be recovered 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 2012 through December 2012. 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 $592,654. 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 2011 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, $945,684, during the period of January 2013 through December 2013.

PROJECTED PURCHASED POWER CAPACITY COST RECOVERY AMOUNTS

(7) Gulf has calculated its projected purchased power capacity cost recovery amounts for the months January 2013 through December 2013 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 $44,899,094 projected for the period January 2013 through December 2013.

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 2013 through December 2013. 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 2013 through December 2013 set forth below:

Unit	EAF	POF	EUOF	Heat Rate
Crist 6	81.2	15.9	2.9	12,243
Crist 7	94.0	0.0	6.0	11,178
Smith 3	91.1	6.6	2.3	6,842
Daniel 1	94.7	0.0	5.3	10,591
Daniel 2	97.1	0.0	2.9	10,611
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 March 1, 2012 and the Hedging Information Report filed on August 15, 2012 and

incorporated by reference as Exhibit HRB-4 to the testimony of H.R. Ball filed August 31, 2012, Gulf experienced a net loss of $29,218,138 associated with its natural gas hedging transactions effected between August 1, 2011 and July 31, 2012. 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, 2011 through July 31, 2012 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 1, 2012.

FUEL COST RECOVERY FACTORS

(12) The proposed levelized fuel and purchased energy cost recovery factor, including GPIF and True-Up, herein requested is 3.803 ¢/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	3.832	4.768	3.446
B	LP, LPT, SBS	0.98353	3.740	4.654	3.363
C	PX, PXT, RTP, SBS	0.96591	3.673	4.570	3.303
D	OSI/II	1.00777	3.776	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:

RATE CLASS	CAPACITY COST RECOVERY FACTORS ¢/KWH
RS, RSVP	0.467
GS	0.426
GSD, GSDT, GSTOU	0.369
LP, LPT	0.317
PX, PXT, RTP, SBS	0.280
OS-I/II	0.171
OSIII	0.277

WHEREFORE, Gulf Power Company respectfully requests the Commission to approve the final fuel adjustment true-up for the period January 2011 through December 2011; the GPIF adjustment for the period January 2011 through December 2011; the estimated fuel cost true-up for the period January 2012 through December 2012; the projected fuel cost recovery amount for the period January 2013 through December 2013; the final purchased power capacity cost true-up amount for the period January 2011 through December 2011; the estimated purchased power capacity cost recovery true-up amount for the period January 2012 through December 2012; the projected purchased power capacity cost recovery amount for the period January 2013 through December 2013; the estimated as-available avoided energy costs for QF's; the GPIF targets and ranges for the period January 2013 through December 2013; the financial hedging activities and settlements for the period August 2011 through July 2012; Gulf Power Company's Risk Management Plan for Fuel Procurement; the fuel cost recovery factors to be applied beginning with the period January 2013 through December 2013; and the capacity cost recovery factors to be applied beginning with the period January 2013 through December 2013.

Dated the 30th day of August, 2012.

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BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

Docket No. 120001-EI

Prepared Direct Testimony and Exhibits of

H. R. Ball

Date of Filing: August 31, 2012

GULF POWER

A SOUTHERN COMPANY

GULF POWER COMPANY

Before the Florida Public Service Commission
Prepared Direct Testimony and Exhibit of
H. R. Ball
Docket No. 120001-EI
Date of Filing: August 31, 2012

Q. Please state your name and business address.

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

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

A. I graduated from the University of Southern Mississippi in Hattiesburg, Mississippi in 1978 with a Bachelor of Science Degree in Chemistry and graduated from the University of Southern Mississippi in Long Beach, Mississippi in 1988 with a Masters of Business Administration. My employment with the Southern Company began in 1978 at Mississippi Power's (MPC) Plant Daniel as a Plant Chemist. In 1982, I transferred to MPC's Fuel Department as a Fuel Business Analyst. I was promoted in 1987 to Supervisor of Chemistry and Regulatory Compliance at Plant Daniel. In 1988, I assumed the role of Supervisor of Coal Logistics with Southern Company Fuel Services in Birmingham, Alabama. My responsibilities included administering coal supply and transportation agreements and managing the coal inventory program for the Southern electric system. I transferred to my current position as Fuel Manager for Gulf Power Company in 2003.

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

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

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

A. The purpose of my testimony is to support Gulf Power Company's projection of fuel expenses, net power transaction expense, and purchased power capacity costs for the period January 1, 2013 through December 31, 2013. It is also my intent to be available to answer questions that may arise among the parties to this docket concerning Gulf Power Company's fuel and net power transaction expenses and purchased power capacity costs.

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

A. Yes, I have four separate exhibits I am sponsoring as part of this testimony. My first exhibit (HRB–2) consists of a schedule filed as an attachment to my pre-filed testimony that compares actual and projected fuel cost of net generation for the past ten years. The purpose of this exhibit is to indicate the accuracy of Gulf's short-term fuel expense projections. The second exhibit (HRB-3) I am sponsoring as part of this testimony is Gulf Power Company's Hedging Information Report filed with the Commission Clerk on March 30, 2012 and assigned Document Number DN 01946-12 (redacted) and 01948-12 (confidential information). This exhibit details Gulf Power's natural gas hedging transactions for August through December 2011 in compliance with Order No. PSC-08-0316-PAA-EI. The third exhibit (HRB-4) I am sponsoring as part of this testimony is Gulf Power Company's Hedging Information Report filed with the Commission Clerk on August 15, 2012 and assigned Document Number DN 05596-12 (redacted) and 05595-12 (confidential information). This exhibit details Gulf Power's natural gas hedging transactions for January through July 2012 in compliance with Order No. PSC-08-0316-PAA-EI. The fourth exhibit (HRB-5) I am sponsoring is Gulf Power Company's "Risk Management Plan for Fuel Procurement." This exhibit was filed with the Commission Clerk pursuant to a separate request for confidential classification on August 1, 2012 and assigned Document Number DN 05202-12 (redacted) and 05201-12 (confidential information). The risk management plan sets forth Gulf Power's fuel procurement strategy and related hedging plan for the upcoming calendar year. Through its petition in this docket, Gulf Power is seeking the Commission's approval of the Company's "Risk Management Plan for Fuel Procurement" as part of this proceeding.

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

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

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

Q. What is Gulf's projected recoverable total fuel and net power transactions cost for the January 2013 through December 2013 recovery period?

A. Gulf's projected total fuel and net power transaction cost for the period is $469,415,596. This projected amount is captured in the exhibit to Witness Dodd's testimony, Schedule E-1, line 19.

Q. How does the total projected fuel and net power transactions cost for the 2013 period compare to the updated projection of fuel cost for the same period in 2012?

A. The total updated cost of fuel and net power transactions for 2012, reflected on Schedule E-1B-1 line 21 of Witness Dodd's testimony filed in this docket on August 1, 2012, is projected to be $442,568,718. The projected total cost of fuel and net power transactions for the 2013 period reflects an increase of $26,846,878 or 6.07% more than the same period in 2012. On a fuel cost per kWh basis, the 2012 projected cost is 3.6954 cents per kWh and the 2013 projected fuel cost is 3.7860 cents per kWh, a increase of 0.0906 cents per kWh or 2.45%.

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

A. The projected total cost of fuel to meet system generated power needs in 2013 is $359,914,837. The projection of fuel cost of system generated power for 2013 is captured in the exhibit to Witness Dodd's testimony, Schedule E-1, line 5.

Q. How does the projected total fuel cost of generated power for the 2013 period compare to the updated projection of fuel cost for the same period in 2012?

A. The total updated cost of fuel to meet 2012 system generated power needs, reflected on Schedule E-1B-1, line 6 of Witness Dodd's testimony filed in this docket on August 1, 2012, is projected to be $369,544,949. The projected total cost of fuel to meet system net generation needs for the 2013 period reflects a decrease of $9,630,112 or 2.61% over the same period in 2012. Total system net generation in 2013 is projected to be 8,760,831,000 kWh, which is 44,598,000 kWh or 0.51% higher than is currently projected for 2012. On a fuel cost per kWh basis, the 2012 projected cost is 4.2397 cents per kWh and the 2013 projected fuel cost is 4.1082 cents per kWh, a decrease of 0.1315 cents per kWh or 3.10%. This lower projected total fuel expense and average per unit fuel cost is the result of a lower projected cost of coal and natural gas for the period. Weighted average coal burned price for 2012 as reflected on Schedule E-5, line 20 of Witness Dodd's testimony filed in this docket on August 1, 2012, is projected to be 108.14 $/ton. Weighted average coal burned price for 2013, as reflected on Schedule E-5, line 20 of the exhibit to Witness Dodd's testimony, is projected to be 104.88 $/ton. This reflects a cost decrease of 3.26 $/ton or 3.01%. Several of Gulf's coal supply agreements will expire at the end of 2012 and these are being replaced with lower priced coal supply agreements. Gulf's coal supply agreements have firm price and quantity commitments with the contract coal suppliers and these agreements will cover the majority of Gulf's 2013 projected coal burn needs. The remaining coal supply needs, if any, will be purchased on the spot market. Weighted average natural gas price for 2012, as reflected on Schedule E-5, line 29 of the exhibit to Witness Dodd's testimony filed in this docket on August 1, 2012, is projected to be 3.38 $/MMBtu. When the cost of natural gas hedging settlements (Schedule E-1-B1, line 1a) is included in the total delivered gas cost, the 2012 projected cost is 4.55 $/MMBtu. Weighted average natural gas price for 2013, as reflected on Schedule E-5, line 29 of the exhibit to Witness Dodd's testimony, is projected to be 4.52 $/MMBtu. This is a decrease in price of 0.03 $/MMBtu or 0.66%. The projected cost of landfill gas to supply the Perdido Landfill Gas to Energy Facility in the 2012 projection period is $715,030 and the rate as reflected on Schedule E-3, line 42 of the exhibit to Witness Dodd's testimony filed in this docket on August 1, 2012, is projected to be 2.73 cents per kWh. The total projected cost for landfill gas in 2013 is $704,503 and the total facility generation is projected to be 26,366,000 kWh. The average rate, as reflected on Schedule E-3, line 42 of the exhibit to Witness Dodd's testimony, is projected to be 2.67 cents per kWh.

Q. Does the 2013 projection of fuel cost of net generation reflect any major changes in Gulf's fuel procurement program for this period?

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

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

A. Gulf procures natural gas using both long and short-term agreements for gas supply at market-based prices. Gulf secures gas transportation for non-peaking units using long-term agreements for firm transportation capacity and for peaking units using interruptible transportation, released seasonal firm transportation, or delivered natural gas agreements.

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

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

Q. What are the results of Gulf's fuel price hedging program for the period January 2012 through July 2012?

A. Gulf's coal price hedging program has successfully managed the price it pays for coal under its coal supply agreements for this period. Gulf has also had financial hedges in place during the period to hedge the price of natural gas. These financial hedges have been effective in fixing the price of a percentage of Gulf's gas burn during the period. Pursuant to Order No. PSC-08-0316-PAA-EI, Gulf filed a "Hedging Information Report" with the Commission on March 15, 2012 and also on August 15, 2012 detailing its natural gas hedging transactions for August 2011 through July 2012.

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

Q. Has Gulf adequately mitigated the price risk of natural gas and purchased power for 2012 through 2013?

A. Gulf has natural gas financial hedges in place for 2012 to adequately mitigate price risk. Gulf currently has natural gas hedges in place for 2013 and continues to look for opportunities to enter into financial hedges that we believe will provide price stability to the customer and protect against unanticipated dramatic price increases in the natural gas market.

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

A. Gulf has a disciplined process in place to evaluate the benefits of gas hedging transactions prior to entering into financial hedges that consider both market price and anticipated burn. The focus of this process is to mitigate the price volatility and risk of natural gas purchases for the customer and not to attempt to speculate in the natural gas market. Gulf's current strategy is to have gas hedges in place that do not exceed the anticipated gas burn at its Smith Unit 3 combined cycle plant and the gas fired PPA units for which Gulf has tolling agreements. Gas burn requirements change as the market price of natural gas changes due to the economic dispatch process utilized by the Southern System generation pool in accordance with the IIC. Typically, as gas prices increase, anticipated gas burn decreases and the percentage of gas requirements that are currently hedged financially increases. Gulf will continue to evaluate the performance of this hedging strategy and will make adjustments within the guidelines of the currently approved hedging program when needed.

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

A. Gulf's projected recoverable fuel cost and gains on power sales is $76,315,241. This projected amount is captured in the exhibit to Witness Dodd's testimony, Schedule E-1, line 17.

Q. How does the total projected recoverable fuel cost and gains on power sales for the 2013 period compare to the projected recoverable fuel cost and gains on power sales for the same period in 2012?

A. The total projected recoverable fuel cost and gains on power sales in 2012, reflected on Schedule E-1B-1, line 18 of Witness Dodd's testimony filed in this docket on August 1, 2012, is projected to be $87,956,948. The projected recoverable fuel cost and gains on power sales in 2013 represents a decreased credit of $11,641,707 or 13.24%. Total quantity of power sales in 2013 is projected to be 2,527,086,000 kWh, which is 2,431,828,591 kWh or 49.04% less than currently projected for 2012. On a fuel cost per kWh basis, the 2012 projected cost is 1.7737 cents per kWh and the 2013 projected fuel cost is 3.0199 cents per kWh, which is an increase of 1.2462 cents per kWh or 70.26%. The lower total credit to fuel expense from power sales is attributed to a reduced quantity of energy sales for the period offset somewhat by a higher fuel reimbursement rate (cents per kWh) for power sales as a result of higher marginal fuel prices for the units operating to meet incremental system loads. The marginal fuel costs to operate Gulf generating units that run to meet power sales requirements are passed on to the purchasers of power and are reflected in the higher rate (cents/kWh) for the fuel cost and gains on power sales.

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

A. Gulf's projected recoverable cost for energy purchases is $185,816,000. This projected amount is captured in the exhibit to Witness Dodd's testimony, Schedule E-1, line 12.

Q. How does the total projected purchased power cost for the 2013 period compare to the projected purchased power cost for the same period in 2012?

A. The total updated cost of purchased power to meet 2012 system needs, reflected on Schedule E-1B-1, line 13 of Witness Dodd's testimony filed in this docket on August 1, 2012, is projected to be $160,980,717. The projected cost of purchased power to meet system needs in 2013 is $24,835,283 or 15.43% greater than is currently projected for 2012. The total quantity of purchased power in 2013 is projected to be 6,164,950,000 kWh, which is 2,054,022,591 kWh or 24.99% lower than is currently projected for 2012. On a fuel cost per kWh basis, the 2012 projected cost is 1.9586 cents per kWh and the 2013 projected fuel cost is 3.0141 cents per kWh, which represents an increase of 1.0555 cents per kWh or 53.89%.

Q. What are Gulf's projected recoverable capacity payments for the 2013 cost recovery period?

A. The total recoverable capacity payments for the period are $44,899,094. This amount is captured in the exhibit to Witness Dodd's testimony, Schedule CCE-1, line 10. Schedule CCE-4 of Mr. Dodd's testimony shows there will be no projected cost associated with Southern Intercompany Interchange and lists the long-term purchased power contracts that are included for capacity cost recovery, their associated capacity amounts in megawatts, and the resulting cost. Also included in Gulf's 2013 projection of capacity cost is revenue produced by a market-based service agreement between the Southern electric system operating companies and South Carolina PSA. The total capacity cost of $45,646,478 is shown on Schedule CCE-4, line 34 in the exhibit to Witness Dodd's testimony. The total capacity cost included on Schedule CCE-4 line 34 is the sum of lines 1 and 2 of Schedule CCE-1.

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

A. No.

Q. What are the other projected revenues that Gulf has included in its capacity cost recovery clause for the period?
A. Gulf has included an estimate of transmission revenues in the amount of $167,000 in its capacity cost recovery projection. This amount is captured in the exhibit to Witness Dodd's testimony, Schedule CCE-1, line 3.

Q. How do the total projected net jurisdictional capacity payments for the 2013 period compare to the current estimated net jurisdictional capacity payments for the same period in 2012?
A. Gulf's 2013 Projected Jurisdictional Capacity Payments, found in the exhibit to Witness Dodd's testimony, Schedule CCE-1, line 6, are $43,921,106. This amount is $295,433 or 0.67% less than the current estimate of $44,216,539 (Schedule CCE-1B, line 6) for 2012 that was filed in Mr. Dodd's actual/estimated true-up testimony in this docket on August 1, 2012. The projected capacity payment decrease is the result of a decrease in Gulf's estimated IIC reserve sharing payments, due to the projected availability of Gulf's Central Alabama purchased power resource, and a projected increase in transmission revenues for the period.

Q. Mr. Ball, does this complete your testimony?
A. Yes, it does.

AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

Docket No. 120001-EI

Before me, the undersigned authority, personally appeared Herbert R. Ball, who being first duly sworn, deposes and says that he is the Fuel Manager for Gulf Power Company, a Florida corporation, that the foregoing is true and correct to the best of his knowledge, information and belief. He is personally known to me.

Herbert R. Ball
Fuel Manager

Sworn to and subscribed before me this 28th day of August, 2012.

Notary Public, State of Florida at Large

MONICA A WILLIAMS
MY COMMISSION # EE166803
EXPIRES February 06, 2016
(407) 398-0153 FloridaNotaryService.com

Schedule 1

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

Cents / KWH Fuel Cost

Period Ending	Projected[1]	Actual[1]	% Difference[1]
December 2002	2.0241	2.0505	1.30
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	3.8097[2]		
December 2013	4.1112[3]		

(1) Line No. 1 from FPSC Schedule A-1, December, Period To Date
(2) Line No. 1 from FPSC Schedule E-1B-1, 2012 Actual / Estimated True-Up
(3) Line No. 1 from FPSC Schedule E-1, 2013 Projection Filing

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

FUEL AND PURCHASED POWER COST RECOVERY CLAUSE

Docket No. 120001-EI

PREPARED DIRECT TESTIMONY AND EXHIBITS OF

RICHARD W. DODD

PROJECTION FILING FOR THE PERIOD

JANUARY 2013 – DECEMBER 2013

AUGUST 31, 2012

GULF POWER

A SOUTHERN COMPANY

GULF POWER COMPANY

Before the Florida Public Service Commission
Prepared Direct Testimony and Exhibit of
Richard W. Dodd
Docket No. 120001-EI
Date of Filing: August 31, 2012

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

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

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

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

In 2007 I was promoted to Internal Controls Supervisor and in July 2008, I assumed my current position in the Rates and Regulatory Matters area. My responsibilities include supervision of tariff administration, cost of service activities, calculation of cost recovery factors, and the regulatory filing function of the Rates and Regulatory Matters Department.

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

Q. What is the purpose of your testimony?
A. The purpose of my testimony is to discuss the calculation of Gulf Power's fuel cost recovery factors for the period January 2013 through December 2013. I will also discuss the calculation of the purchased power capacity cost recovery factors for the period January 2013 through December 2013.

Q. Have you prepared any exhibits that contain information to which you will refer in your testimony?
A. Yes. I have one exhibit consisting of 15 schedules, each of which was prepared under my direction, supervision, or review.

Counsel: We ask that Mr. Dodd's exhibit consisting of 15 schedules, be marked as Exhibit No. _____(RWD-3)

Q. Mr. Dodd, what is the levelized projected fuel factor for the period January 2013 through December 2013?

A. Gulf has proposed a levelized fuel factor of 3.803¢/kWh. This factor is based on projected fuel and purchased power energy expenses for January 2013 through December 2013 and projected kWh sales for the same period, and includes the true-up and GPIF amounts.

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

A. The projected levelized fuel factor for 2013 is 0.155¢/kWh more or 4.2 percent higher than the levelized fuel factor in place July 2012 through December 2012.

Q. Please explain the calculation of the fuel and purchased power expense true-up amount included in the levelized fuel factor for the period January 2013 through December 2013.

A. As shown on Schedule E-1A of my exhibit, the true-up amount of $26,425,418 to be refunded during 2013 includes: (1) an April 2012 over-recovery ending balance of $34,425,858; (2) an estimated over-recovery for the May through December 2012 period of $40,688,690; and (3) an over-recovery true-up component of ($48,689,130) that is currently being refunded in the period May through December 2012. The estimated over-recovery for the January through December 2012 period includes 6 months of actual data and 6 months of estimated data as reflected on Schedule E-1B.

Q. What has been included in this filing to reflect the GPIF reward/penalty for the period of January 2011 through December 2011?

A. The GPIF result is shown on Line 31 of Schedule E-1 as an increase of 0.0092¢/kWh to the levelized fuel factor, thereby rewarding Gulf $1,040,660.

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

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

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

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

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

A. Gulf proposes a standard fuel factor, adjusted for line losses, of 3.832¢/kWh for Group A. Fuel factors for Groups A, B, C, and D are shown on Schedule E-1E. These factors have all been adjusted for line losses.

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

A. The time-of-use fuel factors were calculated based on projected loads and system lambdas for the period January 2013 through December 2013. These factors included the GPIF and true-up and were adjusted for line losses. These time-of-use fuel factors are also shown on Schedule E-1E.

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

A. The current fuel factor for Rate Schedule RS applicable through December 2012 is 3.676¢/kWh compared with the proposed factor of 3.832¢/kWh. For a residential customer who uses 1,000 kWh in January 2013, the fuel portion of the bill would increase from $36.76 to $38.32.

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

A. Yes. A tabulation of these costs is set forth in Schedule E-11 of my exhibit. These costs represent the estimated averages for the period from January 2013 through December 2013.

Q. What amount have you calculated to be the appropriate benchmark level for calendar year 2013 gains on non-separated wholesale energy sales eligible for a shareholder incentive?

A. In accordance with Order No. PSC-00-1744-AAA-EI, a benchmark level of $626,203 has been calculated for 2013 as follows:

2010 actual gains	802,338
2011 actual gains	463,514
2012 estimated gains	612,756
Three-Year Average	$626,203

This amount represents the minimum projected threshold for 2013 that must be achieved before shareholders may receive any incentive. As demonstrated on Schedule E-6, page 2 of 2, Gulf's projection reflects a credit to customers of 100 percent of the gains on non-separated sales for 2013 for the months of January through November and 80 percent once the threshold is met in December.

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

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

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

A. Schedule CCE-1 shows the calculation of the amount of capacity payments to be recovered through the PPCC Recovery Clause. Mr. Ball has provided me with Gulf's projected purchased power capacity transactions. Gulf's total projected net capacity expense, which includes a credit for transmission revenue, for the period January 2013 through December 2013, is $45,479,478. The jurisdictional amount is $43,921,106. This amount is added to the total true-up amount to determine the total purchased power capacity transactions that would be recovered in the period.

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

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

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

A. The allocation factors used in the PPCC Recovery Clause have been calculated using the 2009 load data filed with the Commission in accordance with FPSC Rule 25-6.0437. The calculations of the allocation factors are shown in columns A through I on page 1 of Schedule CCE-2.

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

A. As shown in columns A through D on page 2 of Schedule CCE-2, 12/13th of the jurisdictional capacity cost to be recovered is allocated by rate class based on the demand allocator. The remaining 1/13th is allocated based on energy.

The total revenue requirement assigned to each rate class shown in column E is then divided by that class's projected kWh sales for the twelve-month period to calculate the PPCC recovery factor. This factor would be applied to each customer's total kWh to calculate the amount to be billed each month.

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

A. The purchased power capacity costs recovered through the clause for a residential customer who uses 1,000 kWh will be $4.67.

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

A. The fuel and capacity factors will be effective beginning with Cycle 1 billings in January 2013 and continuing through the last billing cycle of December 2013.

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

A. Yes.

AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

Docket No. 120001-EI

Before me, the undersigned authority, personally appeared Richard W. Dodd, who being first duly sworn, deposes and says that he is the Rates and Regulatory Matters Supervisor for Gulf Power Company, a Florida corporation, that the foregoing is true and correct to the best of his knowledge, information and belief. He is personally known to me.

Richard W Dodd

Richard W. Dodd
Rates and Regulatory Matters Supervisor

Sworn to and subscribed before me this 28th day of August, 2012.

Monica A. Williams

Notary Public, State of Florida at Large

MONICA A WILLIAMS
MY COMMISSION # EE166803
EXPIRES February 06, 2016
(407) 398-0153 FloridaNotaryService.com

SCHEDULE E-1

FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
GULF POWER COMPANY
PROPOSED FOR THE PERIOD: JANUARY 2013 - DECEMBER 2013

Line			(a) $	(b) kWh	(c) ¢ / kWh
1	Fuel Cost of System Net Generation	E-3	358,100,519	8,710,307,000	4.1112
2	Coal Car Investment				
3	Other Generation	E-3	1,814,318	50,524,000	3.5910
4	Hedging Settlement	E-2			
5	**Total Cost of Generated Power**	(Line 1 - 4)	359,914,837	8,760,831,000	4.1082
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	185,816,000	6,164,950,000	3.0141
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	**Total Cost of Purchased Power**	(Line 6 - 11)	185,816,000	6,164,950,000	3.0141
13	**Total Available kWh**	(Line 5 + 12)		14,925,781,000	
14	Fuel Cost of Economy Sales	E-6	(2,428,000)	(77,479,000)	3.1338
15	Gain on Economy Sales	E-6	(645,241)	0	N/A
16	Fuel Cost of Other Power Sales	E-6	(73,242,000)	(2,449,607,000)	2.9899
17	**Total Fuel Cost & Gains on Power Sales**	(Line 14 -16)	(76,315,241)	(2,527,086,000)	3.0199
18	Net Inadvertant Interchange				
19	**Total Fuel & Net Power Trans.**	(Line 5+12+17+18)	469,415,596	12,398,695,000	3.7860
20	Net Unbilled Sales *				
21	Company Use *		820,767	21,679,000	3.7860
22	T & D Losses *		26,311,754	694,975,000	3.7860
23	**System kWh Sales**		469,415,596	11,682,041,000	4.0183
24	Wholesale kWh Sales		14,983,638	372,885,000	4.0183
25	Jurisdictional kWh Sales		454,431,958	11,309,156,000	4.0183
25a	Jurisdictional Line Loss Multiplier		1.0015		1.0015
26	Jurisdictional kWh Sales Adjusted for Line Losses		455,113,606	11,309,156,000	4.0243
27	**True-Up** **		(26,425,418)	11,309,156,000	(0.2337)
28	**Total Jurisdictional Fuel Cost**		428,688,188	11,309,156,000	3.7906
29	Revenue Tax Factor				1.00072
30	Fuel Factor Adjusted For Revenue Taxes		428,996,843	11,309,156,000	3.7934
31	GPIF Reward/(Penalty) **		1,040,660	11,309,156,000	0.0092
32	Fuel Factor Adjusted for GPIF		430,037,503	11,309,156,000	3.8026
33	**Fuel Factor Rounded to Nearest .001(¢ / kWh)**				**3.803**

*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 2013 - DECEMBER 2013

1.	Actual over/(under)-recovery ending balance April 2012 (April 2012 Sch. A-2, page 2, line C13)	$34,425,858
2.	Actual/Estimated over/(under)-recovery, May 2012 - December 2012 (2012 E1B May - December, lines C6, C7, C8)	$40,688,690
3.	True-up to be collected/(refunded) May 2012 - December 2012 (2012 Sch. E-1B, page 2, line C2)	(48,689,130)
4.	Total over/(under)-recovery (Lines 1 + 2 + 3) To be included in January 2013 - December 2013 (Schedule E1, Line 27)	$26,425,418
5.	Jurisdictional kWh sales For the period: January 2013 - December 2013	11,309,156,000
6.	True-up Factor (Line 3 / Line 4) x 100 (¢ / kWh)	(0.2337)

CALCULATION OF ESTIMATED TRUE-UP
GULF POWER COMPANY
ACTUAL FOR THE PERIOD JANUARY 2012 - JUNE 2012 / ESTIMATED FOR JULY 2012 - DECEMBER 2012

				JANUARY ACTUAL	FEBRUARY ACTUAL	MARCH ACTUAL	APRIL ACTUAL	MAY ACTUAL	JUNE ACTUAL	TOTAL SIX MONTHS
				(a)	(b)	(c)	(d)	(e)	(f)	(g)
A	1	Fuel Cost of System Generation		26,861,060.25	21,154,308.11	24,623,933.35	25,208,639.54	32,960,574.76	33,934,668.99	$164,743,185.00
	1a	Fuel Cost of Hedging Settlement		2,673,650.00	2,994,705.00	3,514,941.00	3,254,010.00	3,284,575.00	3,610,712.00	$19,332,593.00
	2	Fuel Cost of Power Sold		(9,524,469.54)	(10,800,644.65)	(13,129,690.13)	(6,446,067.37)	(8,919,057.63)	(10,806,018.15)	($59,625,947.47)
	3	Fuel Cost of Purchased Power		13,240,741.95	14,424,164.75	13,168,156.90	8,452,983.52	13,601,086.97	14,900,168.09	$77,787,302.18
	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		640,288.65	509,232.07	418,489.35	336,968.19	422,653.66	413,783.14	$2,741,415.06
	4	Energy Cost of Economy Purchases		0.00	0.00	0.00	0.00	0.00	0.00	$0.00
	5	Other Generation		272,591.98	164,913.96	233,010.41	239,324.68	292,302.97	277,898.00	$1,480,042.00
	6	Adjustments to Fuel Cost *		5,512.97	1,854.66	6,357.38	8,726.78	51,503.26	58,038.06	$131,993.11
	7	TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 through A6)		$34,169,376.26	$28,448,533.90	$28,835,198.26	$31,054,585.34	$41,693,638.99	$42,389,250.13	$206,590,582.88
B	1	Jurisdictional kWh Sales		753,726,552	719,411,498	774,051,783	774,865,349	991,336,935	1,030,414,579	5,043,806,696
	2	Non-Jurisdictional kWh Sales		28,291,716	25,088,497	25,833,913	25,311,627	27,942,808	28,825,730	161,294,291
	3	TOTAL SALES (Lines B1 + B2)		782,018,268	744,499,995	799,885,696	800,176,976	1,019,279,743	1,059,240,309	5,205,100,987
	4	Jurisdictional % Of Total Sales (Line B1/B3)		96.3822%	96.6302%	96.7703%	96.8367%	97.2586%	97.2786%	
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	(1)	37,181,677.90	34,597,402.54	35,679,934.10	35,752,540.29	45,769,430.01	43,394,369.06	$232,375,353.90
	2	True-Up Provision		(1,004,265.42)	(1,004,265.42)	1,491,620.90	1,491,620.90	1,491,620.90	1,491,620.90	$3,957,952.76
	2a	Incentive Provision		(53,753.88)	(53,753.88)	(53,753.88)	(53,753.88)	(53,753.88)	(53,753.88)	($322,523.28)
	3	FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 through C2a)		$36,123,658.60	$33,539,383.24	$37,117,801.12	$37,190,407.31	$47,207,297.03	$44,832,236.08	$236,010,783.38
	4	Fuel & Net Power Transactions (Line A7)		34,169,376.26	28,448,533.90	28,835,198.26	31,054,585.34	41,693,638.99	42,389,250.13	$206,590,582.88
	5	Jurisdictional Fuel Cost Adj. for Line Losses (Line A7 x Line B4 x 1.0007 Jan-Mar) (Line A7 x Line B4 x 1.0015 Apr-Dec)		32,956,249.80	27,509,118.12	27,923,440.60	30,117,344.00	40,611,475.55	41,297,522.58	$200,415,150.65
	6	Over/(Under) Recovery (Line C3-C5)		3,167,408.80	6,030,265.12	9,194,360.52	7,073,063.31	6,595,821.48	3,534,713.50	$35,595,632.73
	7	Interest Provision	(2)	756.92	1,462.33	1,774.18	2,783.65	3,845.71	4,744.99	$15,367.78
	8	Adjustments	(3)	0.00	0.00	0.00	0.00	0.00	(11,884.99)	($11,884.99)
	9	**TOTAL ESTIMATED TRUE-UP FOR THE PERIOD JANUARY 2012 - JUNE 2012**								$35,599,115.52

* (Gain)/Loss on sales of natural gas and costs of contract dispute litigation.
Note 1: Revenues for January through June based on actuals. 3.6450 ¢/kWh
Note 2: Interest is Calculated for July through December at June 2012 monthly rate of: 0.0125%
Note 3: Interest associated with coal transportation costs that were understated January - May and corrected in June.

CALCULATION OF ESTIMATED TRUE-UP
GULF POWER COMPANY
ACTUAL FOR THE PERIOD JANUARY 2012 - JUNE 2012 / ESTIMATED FOR JULY 2012 - DECEMBER 2012

				JULY ESTIMATED (a)	AUGUST ESTIMATED (b)	SEPTEMBER ESTIMATED (c)	OCTOBER ESTIMATED (d)	NOVEMBER ESTIMATED (e)	DECEMBER ESTIMATED (f)	TOTAL PERIOD (g)
A	1	Fuel Cost of System Generation		33,502,267.00	35,200,140.00	28,690,293.00	22,932,138.00	19,221,895.00	24,956,891.00	$329,246,809.00
	1a	Fuel Cost of Hedging Settlement		4,141,760.00	4,014,600.00	3,542,830.00	3,010,960.00	1,947,430.00	1,783,760.00	$37,773,933.00
	2	Fuel Cost of Power Sold		(5,854,000.00)	(7,619,000.00)	(5,311,000.00)	(317,000.00)	(3,118,000.00)	(6,112,000.00)	($87,956,947.47)
	3	Fuel Cost of Purchased Power		14,440,000.00	14,130,000.00	14,561,000.00	10,663,000.00	11,542,000.00	15,116,000.00	$158,239,302.18
	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	$2,741,415.06
	4	Energy Cost of Economy Purchases		0.00	0.00	0.00	0.00	0.00	0.00	$0.00
	5	Other Generation		184,827.00	184,763.00	178,813.00	92,478.00	178,813.00	92,478.00	$2,392,214.00
	6	Adjustments to Fuel Cost *		0.00	0.00	0.00	0.00	0.00	0.00	$131,993.11
	7	TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 through A6)		$46,414,854.00	$45,910,503.00	$41,661,936.00	$36,381,576.00	$29,772,138.00	$35,837,129.00	$442,568,718.88
B	1	Jurisdictional kWh Sales		1,190,510,000	1,146,318,000	1,045,271,000	875,032,000	749,086,000	864,446,000	10,914,469,696
	2	Non-Jurisdictional kWh Sales		36,383,000	36,660,000	32,616,000	28,492,000	27,030,000	31,075,000	353,550,291
	3	TOTAL SALES (Lines B1 + B2)		1,226,893,000	1,182,978,000	1,077,887,000	903,524,000	776,116,000	895,521,000	11,268,019,987
	4	Jurisdictional % Of Total Sales (Line B1/B3)		97.0345%	96.9010%	96.9741%	96.8466%	96.5173%	96.5300%	
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	(1)	43,394,089.50	41,783,291.10	38,100,127.95	31,894,916.40	27,304,184.70	31,509,056.70	$446,361,020.25
	2	True-Up Provision		7,617,648.00	7,617,648.00	7,617,648.00	7,617,648.00	7,617,648.00	7,617,648.00	$49,663,840.76
	2a	Incentive Provision		(53,753.88)	(53,753.88)	(53,753.88)	(53,753.88)	(53,753.88)	(53,753.89)	($645,046.57)
	3	FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 through C2a)		$50,957,983.62	$49,347,185.22	$45,664,022.07	$39,458,810.52	$34,868,078.82	$39,072,950.81	$495,379,814.44
	4	Fuel & Net Power Transactions (Line A7)		46,414,854.00	45,910,503.00	41,661,936.00	36,381,576.00	29,772,138.00	35,837,129.00	$442,568,718.88
	5	Jurisdictional Fuel Cost Adj. for Line Losses (Line A7 x Line B4 x 1.0007 Jan-Mar) (Line A7 x Line B4 x 1.0015 Apr-Dec)		45,105,979.14	44,554,468.12	40,461,889.41	35,287,170.86	28,778,366.65	34,645,470.99	$429,248,495.82
	6	Over/(Under) Recovery (Line C3-C5)		5,852,004.48	4,792,717.10	5,202,132.66	4,171,639.66	6,089,712.17	4,427,479.82	$66,131,318.62
	7	Interest Provision	(2)	5,085.88	4,799.60	4,472.68	4,106.89	3,796.53	3,502.13	$41,131.49
	8	Adjustments	(3)	0.00	0.00	0.00	0.00	0.00	0.00	($11,884.99)
	9	**TOTAL ESTIMATED TRUE-UP FOR THE PERIOD JANUARY 2012 - DECEMBER 2012**								$66,160,565.12

* (Gain)/Loss on sales of natural gas and costs of contract dispute litigation.
Note 1: Revenues for January through June based on actuals. 3.6450 ¢/kWh
Note 2: Interest is Calculated for July through December at June 2012 monthly rate of: 0.0125%
Note 3: Interest associated with coal transportation costs that were understated January - May and corrected in June.

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 2012 - JUNE 2012 / ESTIMATED FOR JULY 2012 - DECEMBER 2012

		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	329,246,809	544,329,207	(215,082,398)	(39.51)	8,642,251,000	11,873,195,000	(3,230,944,000)	(27.21)	3.8097	4.5845	(0.7748)	(16.90)
1a	Fuel Cost of Hedging Settlement	37,773,933	0	37,773,933	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	2,392,214	2,453,961	(61,747)	(2.52)	73,982,000	50,618,000	23,364,000	46.16	3.2335	4.8480	(1.6145)	(33.30)
5	Adjustments to Fuel Cost ***	131,993	0	131,993	100.00								
6	TOTAL COST OF GENERATED POWER	369,544,949	546,783,168	(177,238,219)	(32.41)	8,716,233,000	11,923,813,000	(3,207,580,000)	(26.90)	4.2397	4.5856	(0.3459)	(7.54)
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)	158,239,302	75,082,000	83,157,302	110.76	8,117,743,591	1,793,621,000	6,324,122,591	352.59	1.9493	4.1861	(2.2368)	(53.43)
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	2,741,415	0	2,741,415	100.00	101,229,000	0	101,229,000	100.00	2.7081	0.0000	2.7081	100.00
13	TOTAL COST OF PURCHASED POWER	160,980,717	75,082,000	85,898,717	114.41	8,218,972,591	1,793,621,000	6,425,351,591	358.23	1.9586	4.1861	(2.2275)	(53.21)
14	Total Available kWh (Line 6 + Line 13)	530,525,666	621,865,168	(91,339,502)	(14.69)	16,935,205,591	13,717,434,000	3,217,771,591	23.46	3.1327	4.5334	(1.4007)	(30.90)
15	Fuel Cost of Economy Sales	(2,062,938)	(5,747,000)	3,684,062	(64.10)	(77,051,274)	(151,928,000)	74,876,726	(49.28)	2.6774	3.7827	(1.1053)	(29.22)
16	Gain on Economy Sales	(612,756)	(759,000)	146,244	(19.27)								
17	Fuel Cost of Other Power Sales	(85,281,254)	(27,586,000)	(57,695,254)	209.15	(4,881,863,317)	(654,246,000)	(4,227,617,317)	646.18	1.7469	4.2165	(2.4696)	(58.57)
18	TOTAL FUEL COST AND GAINS ON POWER SALES	(87,956,948)	(34,092,000)	(53,864,948)	158.00	(4,958,914,591)	(806,174,000)	(4,152,740,591)	515.12	1.7737	4.2289	(2.4552)	(58.06)
19	(LINES 15+16+17)												
20	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**	442,568,718	587,773,168	(145,204,450)	(24.70)	11,976,291,000	12,911,260,000	(934,969,000)	(7.24)	3.6954	4.5524	(0.8570)	(18.83)
	(LINES 14+18+20)												
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 *	762,277	930,875	(168,598)	(18.11)	20,627,714	20,448,000	179,714	0.88	3.6954	4.5524	(0.8570)	(18.83)
24	T & D Losses *	25,411,170	32,670,162	(7,258,992)	(22.22)	687,643,299	717,647,000	(30,003,701)	(4.18)	3.6954	4.5524	(0.8570)	(18.83)
25	TERRITORIAL (SYSTEM) SALES	442,568,718	587,773,168	(145,204,450)	(24.70)	11,268,019,987	12,173,165,000	(905,145,013)	(7.44)	3.9277	4.8284	(0.9007)	(18.65)
26	Wholesale Sales	13,886,228	19,550,192	(5,663,964)	(28.97)	353,550,291	404,900,000	(51,349,709)	(12.68)	3.9277	4.8284	(0.9007)	(18.65)
27	Jurisdictional Sales	428,682,490	568,222,976	(139,540,486)	(24.56)	10,914,469,696	11,768,265,000	(853,795,304)	(7.26)	3.9277	4.8284	(0.9007)	(18.65)
28	Jurisdictional Loss Multiplier	1.0015	1.0007										
29	Jurisdictional Sales Adj. for Line Losses (Line 27 x 1.0015)	429,248,496	568,620,732	(139,372,236)	(24.51)	10,914,469,696	11,768,265,000	(853,795,304)	(7.26)	3.9328	4.8318	(0.8990)	(18.61)
30	TRUE-UP **	(49,663,841)	12,051,185	(61,715,026)	(512.11)	10,914,469,696	11,768,265,000	(853,795,304)	(7.26)	(0.4550)	0.1024	(0.5574)	(544.34)
31	TOTAL JURISDICTIONAL FUEL COST	379,584,655	580,671,917	(201,087,262)	(34.63)	10,914,469,696	11,768,265,000	(853,795,304)	(7.26)	3.4778	4.9342	(1.4564)	(29.52)
32	Revenue Tax Factor									1.00072	1.00072		
33	Fuel Factor Adjusted for Revenue Taxes									3.4803	4.9378	(1.4574)	(29.52)
34	GPIF Reward / (Penalty) **	645,511	645,511	0	0.00	10,914,469,696	11,768,265,000	(853,795,304)	(7.26)	0.0059	0.0055	0.0004	(7.27)
35	Fuel Factor Adjusted for GPIF Reward / (Penalty)									3.4862	4.9433	(1.4571)	(29.48)
36	**FUEL FACTOR ROUNDED TO NEAREST .001(¢/kWh)**									3.4860	4.9430	(1.4570)	(29.48)

* 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 2013 - DECEMBER 2013

1.	TOTAL AMOUNT OF ADJUSTMENTS:		
	A. Generating Performance Incentive Reward/(Penalty)	$	1,040,660
	B. True-Up (Over)/Under Recovered	$	(26,425,418)
2.	Jurisdictional kWh sales For the period: January 2013 - December 2013		11,309,156,000
3.	ADJUSTMENT FACTORS:		
	A. Generating Performance Incentive Factor		0.0092
	B. True-Up Factor		(0.2337)

SCHEDULE E-1D

DETERMINATION OF FUEL RECOVERY FACTOR
TIME OF USE RATE SCHEDULES
GULF POWER COMPANY
PROPOSED FOR THE PERIOD: JANUARY 2013 - DECEMBER 2013

	NET ENERGY FOR LOAD %
On-Peak	29.18
Off-Peak	70.82
	100.00

	AVERAGE	ON-PEAK	OFF-PEAK
Cost per kWh Sold	4.0183	4.9452	3.6362
Jurisdictional Loss Factor	1.0015	1.0015	1.0015
Jurisdictional Fuel Factor	4.0243	4.9526	3.6417
GPIF	0.0092	0.0092	0.0092
True-Up	-0.2337	-0.2337	-0.2337
TOTAL	3.7998	4.7281	3.4172
Revenue Tax Factor	1.00072	1.00072	1.00072
Recovery Factor	3.8025	4.7315	3.4197
Recovery Factor Rounded to the Nearest .001 ¢/kWh	3.803	4.732	3.420

HOURS:	ON-PEAK	25.01%
	OFF-PEAK	74.99%
		100.00%

SCHEDULE E-1E

FUEL RECOVERY FACTORS - BY RATE GROUP
(ADJUSTED FOR LINE/TRANSFORMATION LOSSES)
GULF POWER COMPANY
PROPOSED FOR THE PERIOD: JANUARY 2013 - DECEMBER 2013

Group	Rate Schedules	Average Factor	Fuel Recovery Loss Multipliers	Standard Fuel Recovery Factor
A	RS, RSVP, GS, GSD, GSDT, GSTOU, OSIII, SBS (1)	3.803	1.00773	3.832
B	LP, LPT, SBS (2)	3.803	0.98353	3.740
C	PX, PXT, RTP, SBS (3)	3.803	0.96591	3.673
D	OS-I/II	3.803	1.00777	3.776 *

Group		TOU
A	On-Peak	4.768
	Off-Peak	3.446
B	On-Peak	4.654
	Off-Peak	3.363
C	On-Peak	4.570
	Off-Peak	3.303
D	On-Peak	N/A
	Off-Peak	N/A

Group D Calculation

* D	On-Peak	4.732	¢ / kWh	x	0.2501	=	1.183	¢ / kWh
	Off-Peak	3.420	¢ / kWh	x	0.7499	=	2.564	¢ / kWh
							3.747	¢ / kWh
		Line Loss Multiplier				x	1.00777	
							3.776	¢ / 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 2013 - DECEMBER 2013

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
LINE	LINE DESCRIPTION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
	$													
1	Fuel Cost of System Generation	32,259,621	26,541,486	24,194,982	26,194,563	24,969,477	31,997,937	38,212,145	42,949,737	32,716,129	26,975,215	24,417,744	26,671,483	358,100,519
1a	Other Generation	102,703	92,791	102,703	99,399	205,190	198,582	205,190	205,190	198,582	102,703	198,582	102,703	1,814,318
2	Fuel Cost of Power Sold	(8,943,000)	(7,138,000)	(8,298,000)	(1,913,000)	(3,533,000)	(4,434,000)	(8,159,000)	(13,568,000)	(6,504,000)	(635,000)	(7,333,000)	(5,857,241)	(76,315,241)
3	Fuel Cost of Purchased Power	16,706,000	13,681,000	16,521,000	9,344,000	15,569,000	18,420,000	18,041,000	17,205,000	16,938,000	12,212,000	14,287,000	16,892,000	185,816,000
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	**Total Fuel & Net Power Trans.** (Sum of Lines 1 - 5)	40,125,324	33,177,277	32,520,685	33,724,962	37,210,667	46,182,519	48,299,335	46,791,927	43,348,711	38,654,918	31,570,326	37,808,945	469,415,596
7	System kWh Sold	948,860,000	806,600,000	788,332,000	814,261,000	996,255,000	1,187,052,000	1,244,317,000	1,200,063,000	1,094,535,000	919,334,000	790,718,000	911,714,000	11,682,041,000
7a	Jurisdictional % of Total Sales	96.6313	96.6489	96.5986	96.8113	96.8754	97.0689	97.0234	96.8925	96.9671	96.8396	96.5144	96.5302	96.8080
8	Cost per kWh Sold (¢/kWh)	4.2288	4.1132	4.1253	4.1418	3.7351	3.9572	3.8816	3.8991	3.9605	4.2047	3.9926	4.1470	4.0183
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)	4.2351	4.1194	4.1315	4.1480	3.7407	3.9631	3.8874	3.9049	3.9664	4.2110	3.9986	4.1532	4.0243
9	GPIF (¢/kWh) *	0.0095	0.0111	0.0114	0.0110	0.0090	0.0077	0.0072	0.0075	0.0082	0.0097	0.0114	0.0099	0.0092
10	True-Up (¢/kWh) *	(0.2402)	(0.2825)	(0.2892)	(0.2794)	(0.2282)	(0.1944)	(0.1824)	(0.1894)	(0.2075)	(0.2474)	(0.2886)	(0.2502)	(0.2337)
11	TOTAL	4.0044	3.8480	3.8537	3.8796	3.5215	3.7764	3.7122	3.7230	3.7671	3.9733	3.7214	3.9129	3.7998
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	4.0073	3.8508	3.8565	3.8824	3.5240	3.7791	3.7149	3.7257	3.7698	3.9762	3.7241	3.9157	3.8025
14	**Recovery Factor Rounded to the Nearest .001 ¢/kWh**	4.007	3.851	3.857	3.882	3.524	3.779	3.715	3.726	3.770	3.976	3.724	3.916	3.803

* CALCULATIONS BASED ON JURISDICTIONAL kWh SALES

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
GULF POWER COMPANY
ESTIMATED FOR THE PERIOD OF: JANUARY 2013 - DECEMBER 2013

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
	FUEL COST - NET GEN. ($)													
1	LIGHTER OIL (B.L.)	67,398	67,294	67,247	67,226	67,216	67,212	67,210	67,209	67,208	67,208	67,208	67,208	806,844
2	COAL	21,078,891	16,510,407	16,565,746	16,851,118	13,110,913	20,547,892	26,161,984	30,850,672	21,169,104	14,856,939	15,419,368	17,725,962	230,848,996
3	GAS - Generation	11,156,182	10,002,548	7,604,839	9,317,742	11,927,687	11,482,735	12,087,260	12,144,233	11,620,523	12,093,918	9,071,874	8,921,163	127,430,704
4	GAS (B.L.)	0	0	0	0	0	0	0	0	0	0	0	0	0
5	LANDFILL GAS	59,853	54,028	59,853	57,876	59,853	57,876	59,853	59,853	57,876	59,853	57,876	59,853	704,503
6	OIL - C.T.	0	0	0	0	8,998	40,804	41,028	32,960	0	0	0	0	123,790
7	TOTAL ($)	32,362,324	26,634,277	24,297,685	26,293,962	25,174,667	32,196,519	38,417,335	43,154,927	32,914,711	27,077,918	24,616,326	26,774,186	359,914,837
	SYSTEM NET GEN. (MWh)													
8	LIGHTER OIL (B.L.)	0	0	0	0	0	0	0	0	0	0	0	0	0
9	COAL	397,809	318,498	320,584	332,906	259,692	419,014	535,908	635,317	434,275	296,744	314,055	359,455	4,624,257
10	GAS	404,198	360,035	267,146	286,161	381,605	357,753	371,243	372,424	355,925	378,479	299,384	275,343	4,109,696
11	LANDFILL GAS	2,240	2,022	2,240	2,166	2,240	2,166	2,240	2,240	2,166	2,240	2,166	2,240	26,366
12	OIL - C.T.	0	0	0	0	0	224	128	160	0	0	0	0	512
13	TOTAL (MWH)	804,247	680,555	589,970	621,233	643,537	779,157	909,519	1,010,141	792,366	677,463	615,605	637,038	8,760,831
	UNITS OF FUEL BURNED													
14	LIGHTER OIL (BBL)	572	572	572	572	572	572	572	572	572	572	572	572	6,864
15	COAL (TON)	189,802	151,611	152,128	159,767	124,207	198,429	255,868	298,281	205,823	143,276	149,760	172,098	2,201,050
16	GAS-all (MCF) (1)	2,797,289	2,492,788	1,844,101	1,979,347	2,627,224	2,465,562	2,558,350	2,566,259	2,453,448	2,594,687	2,056,975	1,906,588	28,342,618
17	OIL - C.T. (BBL)	0	0	0	0	85	384	384	308	0	0	0	0	1,161
	BTUS BURNED (MMBtu)													
18	COAL + GAS B.L. + OIL B.L.	4,467,071	3,577,888	3,594,619	3,763,951	2,915,450	4,615,686	5,940,189	6,905,623	4,762,475	3,334,029	3,497,036	4,013,529	51,387,546
19	GAS-Generation (1)	2,737,128	2,439,962	1,805,338	1,938,973	2,574,480	2,418,012	2,508,628	2,516,365	2,406,515	2,541,062	2,017,598	1,869,507	27,773,568
20	OIL - C.T.	0	0	0	0	499	2,251	2,251	1,801	0	0	0	0	6,802
21	TOTAL (MMBtu) (1)	7,204,199	6,017,850	5,399,957	5,702,924	5,490,429	7,035,949	8,451,068	9,423,789	7,168,990	5,875,091	5,514,634	5,883,036	79,167,916

(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 2013 - DECEMBER 2013

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
	GENERATION MIX (% MWh)													
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	49.46	46.80	54.34	53.59	40.35	53.77	58.92	62.89	54.81	43.80	51.02	56.43	52.78
24	GAS-Generation	50.26	52.90	45.28	46.06	59.30	45.92	40.82	36.87	44.92	55.87	48.63	43.22	46.91
25	LANDFILL GAS	0.28	0.30	0.38	0.35	0.35	0.28	0.25	0.22	0.27	0.33	0.35	0.35	0.30
26	OIL - C.T.	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.02	0.00	0.00	0.00	0.00	0.01
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
	FUEL COST ($ / UNIT)													
28	LIGHTER OIL ($/BBL)	117.83	117.65	117.56	117.53	117.51	117.50	117.50	117.50	117.50	117.50	117.50	117.50	117.55
29	COAL ($/TON)	111.06	108.90	108.89	105.47	105.56	103.55	102.25	103.43	102.85	103.69	102.96	103.00	104.88
30	GAS + B.L. ($/MCF) (1)	3.95	3.98	4.07	4.66	4.46	4.58	4.64	4.65	4.66	4.62	4.31	4.63	4.43
31	OIL - C.T.	0.00	0.00	0.00	0.00	105.86	106.26	106.84	107.01	0.00	0.00	0.00	0.00	106.62
	FUEL COST ($ / MMBtu)													
32	COAL + GAS B.L. + OIL B.L.	4.73	4.63	4.63	4.49	4.52	4.47	4.42	4.48	4.46	4.48	4.43	4.43	4.51
33	GAS-Generation (1)	4.04	4.06	4.16	4.75	4.55	4.67	4.74	4.74	4.75	4.72	4.40	4.72	4.52
34	OIL - C.T.	0.00	0.00	0.00	0.00	18.03	18.13	18.23	18.30	0.00	0.00	0.00	0.00	18.20
35	TOTAL ($/MMBtu) (1)	4.47	4.40	4.47	4.58	4.54	4.54	4.51	4.55	4.56	4.58	4.42	4.52	4.51
	BTU BURNED (Btu / kWh)													
36	COAL + GAS B.L. + OIL B.L.	11,229	11,234	11,213	11,306	11,227	11,016	11,084	10,870	10,966	11,235	11,135	11,166	11,113
37	GAS-Generation (1)	6,820	6,826	6,831	6,842	6,849	6,865	6,863	6,862	6,868	6,765	6,866	6,861	6,842
38	OIL - C.T.	0	0	0	0	0	10,049	17,586	11,256	0	0	0	0	13,285
39	TOTAL (Btu/kWh) (1)	9,015	8,903	9,233	9,254	8,638	9,120	9,374	9,403	9,136	8,738	9,071	9,310	9,117
	FUEL COST (CENTS / kWh)													
40	COAL + GAS B.L. + OIL B.L.	5.32	5.20	5.19	5.08	5.07	4.92	4.89	4.87	4.89	5.03	4.93	4.95	5.01
41	GAS-Generation	2.76	2.78	2.85	3.26	3.13	3.21	3.26	3.26	3.26	3.20	3.03	3.24	3.10
42	LANDFILL GAS	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67
43	OIL - C.T.	0.00	0.00	0.00	0.00	0.00	18.22	32.05	20.60	0.00	0.00	0.00	0.00	24.18
44	TOTAL (¢/kWh)	4.02	3.91	4.12	4.23	3.91	4.13	4.22	4.27	4.15	4.00	4.00	4.20	4.11

(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 2013

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) As Burned Fuel Cost ($)	(m) Fuel Cost/ KWH (¢/KWH)	(n) Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	14,166	25.4	89.6	55.4	12,258	Coal	7,330	11,845	173,647	799,475	5.64	109.07
2	4							Gas - G						
3	Crist 5	75	18,728	33.6	89.7	55.9	11,603	Coal	9,173	11,845	217,296	1,000,436	5.34	109.06
4	5							Gas - G						
5	Crist 6	299	27,998	12.6	95.9	41.4	12,183	Coal	14,399	11,845	341,098	1,570,424	5.61	109.06
6	6							Gas - G						
7	Crist 7	475	162,173	45.9	96.5	54.3	11,404	Coal	78,070	11,845	1,849,419	8,514,771	5.25	109.07
8	7							Gas - G						
9	Perdido		2,240					Landfill Gas				59,853	2.67	N/A
10	Scholz 1	46	36	0.1	100.0	39.1	15,250	Coal	23	11,749	549	2,030	5.64	88.26
11	Scholz 2	46	36	0.1	100.0	39.1	13,250	Coal	20	11,749	477	1,765	4.90	88.25
12	Smith 1	162	51,339	42.6	99.0	70.4	10,599	Coal	22,550	12,065	544,142	2,757,303	5.37	122.28
13	Smith 2	195	44,732	30.8	98.9	56.0	10,724	Coal	19,879	12,065	479,708	2,430,800	5.43	122.28
14	Smith 3	584	401,338	92.4	99.3	93.1	6,820	Gas	2,797,289	1,030	2,737,128	11,053,479	2.75	3.95
15	Smith A (CT)	40	0	0.0	97.9	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		2,860				N/A	Gas				102,703	3.59	N/A
17	Daniel 1 (1)	255	48,916	25.8	90.3	48.1	11,129	Coal	24,355	11,176	544,390	2,540,959	5.19	104.33
18	Daniel 2 (1)	255	29,685	15.6	99.2	45.1	10,544	Coal	14,003	11,176	312,998	1,460,928	4.92	104.33
19	Gas,BL							Gas	0	0	0	0	N/A	N/A
20	Ltr. Oil							Oil	572	139,400	3,347	67,398	N/A	117.83
21		2,507	804,247	42.8	96.8	60.0	9,015				7,204,199	32,362,324	4.02	

Notes:
(1) Represents Gulf's 50% Ownership

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
ESTIMATED FOR THE MONTH OF: FEBRUARY 2013

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) As Burned Fuel Cost ($)	(m) Fuel Cost/ KWH (¢/KWH)	(n) Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	2,999	6.0	99.7	55.5	11,717	Coal	1,486	11,820	35,139	155,951	5.20	104.95
2	4							Gas - G						
3	Crist 5	75	27,245	54.1	99.3	56.0	11,599	Coal	13,368	11,820	316,012	1,402,498	5.15	104.91
4	5							Gas - G						
5	Crist 6	299	9,087	4.5	80.7	42.2	12,117	Coal	4,658	11,820	110,111	488,685	5.38	104.91
6	6							Gas - G						
7	Crist 7	475	157,359	49.3	96.6	54.0	11,417	Coal	75,997	11,820	1,796,572	7,973,396	5.07	104.92
8	7							Gas - G						
9	Perdido		2,022					Landfill Gas				54,028	2.67	N/A
10	Scholz 1	46	2,150	7.0	100.0	39.3	12,805	Coal	1,172	11,749	27,531	101,865	4.74	86.92
11	Scholz 2	46	2,556	8.3	100.0	39.1	13,334	Coal	1,450	11,749	34,081	126,100	4.93	86.97
12	Smith 1	162	49,039	45.0	99.1	70.4	10,599	Coal	21,652	12,003	519,764	2,659,865	5.42	122.85
13	Smith 2	195	32,475	24.8	99.4	56.3	10,719	Coal	14,501	12,003	348,103	1,781,399	5.49	122.85
14	Smith 3	584	357,451	91.1	99.3	91.7	6,826	Gas	2,492,788	1,030	2,439,962	9,909,757	2.77	3.98
15	Smith A (CT)	40	0	0.0	97.9	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		2,584				N/A	Gas				92,791	3.59	N/A
17	Daniel 1 (1)	255	7,698	4.5	69.8	40.2	11,282	Coal	3,886	11,174	86,852	408,356	5.30	105.08
18	Daniel 2 (1)	255	27,890	16.3	91.5	60.3	10,770	Coal	13,441	11,174	300,376	1,412,292	5.06	105.07
19	Gas,BL							Gas	0	0	0	0	N/A	N/A
20	Ltr. Oil							Oil	572	139,400	3,347	67,294	N/A	117.65
21		2,507	680,555	40.1	92.8	60.6	8,903				6,017,850	26,634,277	3.91	

Notes:
(1) Represents Gulf's 50% Ownership

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SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
ESTIMATED FOR THE MONTH OF: MARCH 2013

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
Line	Plant/Unit	Net Cap. (MW)	Net Gen. (MWH)	Cap. Factor (%)	Equiv. Avail. Factor (%)	Net Output Factor (%)	Avg. Net Heat Rate (BTU/KWH)	Fuel Type	Fuel Burned (Units) Tons/MCF/Bbl	Fuel Heat Value (BTU/Unit) Lbs/CF/Gal	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost/ KWH (¢/KWH)	Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	414	0.7	99.2	55.2	11,732	Coal	206	11,806	4,857	21,008	5.07	101.98
2	4							Gas - G						
3	Crist 5	75	24,295	43.5	99.3	56.0	11,599	Coal	11,934	11,806	281,795	1,218,859	5.02	102.13
4	5							Gas - G						
5	Crist 6	299	62,754	28.2	95.9	42.0	12,137	Coal	32,256	11,806	761,643	3,294,365	5.25	102.13
6	6							Gas - G						
7	Crist 7	475	102,395	29.0	96.5	54.4	11,394	Coal	49,410	11,806	1,166,686	5,046,313	4.93	102.13
8	7							Gas - G						
9	Perdido		2,240					Landfill Gas				59,853	2.67	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	54,351	45.1	99.0	70.9	10,594	Coal	24,099	11,946	575,789	2,965,660	5.46	123.06
13	Smith 2	195	52,437	36.1	86.1	56.0	10,541	Coal	23,135	11,946	552,741	2,846,949	5.43	123.06
14	Smith 3	557	264,286	63.8	67.3	94.8	6,831	Gas	1,844,101	1,030	1,805,338	7,502,136	2.84	4.07
15	Smith A (CT)	36	0	0.0	97.9	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		2,860				N/A	Gas				102,703	3.59	N/A
17	Daniel 1 (1)	255	20,892	11.0	98.7	59.4	10,470	Coal	9,789	11,172	218,737	1,035,227	4.96	105.75
18	Daniel 2 (1)	255	3,046	1.6	93.5	20.6	9,529	Coal	1,299	11,172	29,024	137,365	4.51	105.75
19	Gas,BL							Gas	0	0	0	0	N/A	N/A
20	Ltr. Oil							Oil	572	139,400	3,347	67,247	N/A	117.56
21		2,476	589,970	31.7	89.4	57.5	9,233				5,399,957	24,297,685	4.12	

Notes:
(1) Represents Gulf's 50% Ownership

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
ESTIMATED FOR THE MONTH OF: APRIL 2013

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) As Burned Fuel Cost ($)	(m) Fuel Cost/ KWH (¢/KWH)	(n) Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	6,918	12.8	99.2	55.2	11,732	Coal	3,445	11,780	81,162	339,193	4.90	98.46
2	4							Gas - G						
3	Crist 5	75	18,996	35.2	99.3	55.9	11,603	Coal	9,355	11,780	220,408	921,132	4.85	98.46
4	5							Gas - G						
5	Crist 6	299	26,359	12.2	95.9	41.8	12,154	Coal	13,598	11,780	320,365	1,338,874	5.08	98.46
6	6							Gas - G						
7	Crist 7	475	165,311	48.3	96.5	54.6	11,654	Coal	81,771	11,780	1,926,532	8,051,387	4.87	98.46
8	7							Gas - G						
9	Perdido		2,166					Landfill Gas				57,876	2.67	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	59,936	51.4	85.8	70.5	10,598	Coal	26,674	11,907	635,201	3,305,181	5.51	123.91
13	Smith 2	195	31,217	22.2	65.9	55.6	10,438	Coal	13,683	11,907	325,845	1,695,490	5.43	123.91
14	Smith 3	557	283,393	70.7	76.1	92.8	6,842	Gas	1,979,347	1,030	1,938,973	9,218,343	3.25	4.66
15	Smith A (CT)	36	0	0.0	97.9	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		2,768				N/A	Gas				99,399	3.59	N/A
17	Daniel 1 (1)	255	21,797	11.9	98.6	61.9	10,402	Coal	10,150	11,169	226,731	1,083,454	4.97	106.74
18	Daniel 2 (1)	255	2,372	1.3	83.3	71.3	10,270	Coal	1,091	11,169	24,360	116,407	4.91	106.70
19	Gas,BL							Gas	0	0	0	0	N/A	N/A
20	Ltr. Oil							Oil	572	139,400	3,347	67,226	N/A	117.53
21		2,476	621,233	34.6	87.9	62.5	9,254				5,702,924	26,293,962	4.23	

Notes:
(1) Represents Gulf's 50% Ownership

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
ESTIMATED FOR THE MONTH OF: MAY 2013

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) As Burned Fuel Cost ($)	(m) Fuel Cost/ KWH (¢/KWH)	(n) Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	31,369	56.2	99.7	56.8	11,673	Coal	15,557	11,768	366,170	1,516,896	4.84	97.51
2	4							Gas - G						
3	Crist 5	75	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
4	5							Gas - G						
5	Crist 6	299	65,021	29.2	98.1	41.9	11,888	Coal	32,841	11,768	772,973	3,202,118	4.92	97.50
6	6							Gas - G						
7	Crist 7	475	62,669	17.7	97.1	56.6	11,280	Coal	30,034	11,768	706,901	2,928,409	4.67	97.50
8	7							Gas - G						
9	Perdido		2,240					Landfill Gas				59,853	2.67	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	7,374	6.1	38.4	56.9	10,857	Coal	3,374	11,865	80,060	420,258	5.70	124.56
13	Smith 2	195	62,099	42.8	99.3	48.3	10,699	Coal	27,999	11,865	664,401	3,487,631	5.62	124.56
14	Smith 3	581	375,891	87.0	99.3	87.5	6,849	Gas	2,627,224	1,030	2,574,480	11,722,497	3.12	4.46
15	Smith A (CT)	36	0	0.0	97.8	0.0	N/A	Oil	85	139,400	499	8,998	N/A	105.86
16	Other Generation		5,714				N/A	Gas				205,190	3.59	N/A
17	Daniel 1 (1)	255	31,160	16.4	97.3	65.2	10,321	Coal	14,402	11,165	321,598	1,555,601	4.99	108.01
18	Daniel 2 (1)	255	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
19	Gas,BL							Gas	0	0	0	0	N/A	N/A
20	Ltr. Oil							Oil	572	139,400	3,347	67,216	N/A	117.51
21		2,500	643,537	34.2	94.7	51.9	8,638				5,490,429	25,174,667	3.91	

Notes:
(1) Represents Gulf's 50% Ownership

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
ESTIMATED FOR THE MONTH OF: JUNE 2013

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) As Burned Fuel Cost ($)	(m) Fuel Cost/ KWH (¢/KWH)	(n) Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	21,033	39.0	99.2	57.5	12,410	Coal	11,111	11,746	261,018	1,052,053	5.00	94.69
2	4							Gas - G						
3	Crist 5	75	10,534	19.5	99.3	56.9	12,124	Coal	5,436	11,746	127,718	514,777	4.89	94.70
4	5							Gas - G						
5	Crist 6	299	30,585	14.2	95.9	42.4	12,098	Coal	15,750	11,746	370,022	1,491,401	4.88	94.69
6	6							Gas - G						
7	Crist 7	475	173,175	50.6	96.5	63.4	10,791	Coal	79,545	11,746	1,868,729	7,532,052	4.35	94.69
8	7							Gas - G						
9	Perdido		2,166					Landfill Gas				57,876	2.67	N/A
10	Scholz 1	46	2,831	8.5	100.0	42.7	12,551	Coal	1,512	11,749	35,532	131,468	4.64	86.95
11	Scholz 2	46	2,734	8.3	100.0	41.3	13,207	Coal	1,537	11,749	36,107	133,596	4.89	86.92
12	Smith 1	162	42,193	36.2	99.0	59.5	10,821	Coal	19,303	11,826	456,572	2,411,009	5.71	124.90
13	Smith 2	195	37,276	26.5	98.9	51.1	10,822	Coal	17,055	11,826	403,402	2,130,235	5.71	124.90
14	Smith 3	556	352,223	88.0	99.3	88.6	6,865	Gas	2,465,562	1,030	2,418,012	11,284,153	3.20	4.58
15	Smith A (CT)	32	224	1.0	0.0	0.1	10,049	Oil	384	139,400	2,251	40,804	18.22	106.26
16	Other Generation		5,530				N/A	Gas				198,582	3.59	N/A
17	Daniel 1 (1)	255	51,286	27.9	96.7	51.9	10,718	Coal	24,623	11,162	549,684	2,688,457	5.24	109.18
18	Daniel 2 (1)	255	47,367	25.8	98.7	46.8	10,631	Coal	22,557	11,162	503,555	2,462,844	5.20	109.18
19	Gas,BL							Gas	0	0	0	0	N/A	N/A
20	Ltr. Oil							Oil	572	139,400	3,347	67,212	N/A	117.50
21		2,471	779,157	43.4	96.7	60.4	9,120				7,035,949	32,196,519	4.13	

Notes:
(1) Represents Gulf's 50% Ownership

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
ESTIMATED FOR THE MONTH OF: JULY 2013

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
Line	Plant/Unit	Net Cap. (MW)	Net Gen. (MWH)	Cap. Factor (%)	Equiv. Avail. Factor (%)	Net Output Factor (%)	Avg. Net Heat Rate (BTU/KWH)	Fuel Type	Fuel Burned (Units) Tons/MCF/Bbl	Fuel Heat Value (BTU/Unit) Lbs/CF/Gal	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost/ KWH (¢/KWH)	Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	11,602	20.8	99.2	59.0	12,404	Coal	6,129	11,741	143,907	566,130	4.88	92.37
2	4							Gas - G						
3	Crist 5	75	24,339	43.6	99.3	62.3	11,802	Coal	12,233	11,741	287,245	1,130,021	4.64	92.37
4	5							Gas - G						
5	Crist 6	299	51,424	23.1	95.9	42.6	12,633	Coal	27,666	11,741	649,633	2,555,655	4.97	92.38
6	6							Gas - G						
7	Crist 7	475	212,416	60.1	96.5	69.1	10,820	Coal	97,878	11,741	2,298,337	9,041,654	4.26	92.38
8	7							Gas - G						
9	Perdido		2,240					Landfill Gas				59,853	2.67	N/A
10	Scholz 1	46	4,824	14.1	100.0	43.3	12,446	Coal	2,563	11,712	60,039	220,783	4.58	86.14
11	Scholz 2	46	4,084	11.9	100.0	40.7	13,142	Coal	2,291	11,712	53,671	197,367	4.83	86.15
12	Smith 1	162	50,697	42.1	99.0	68.3	10,786	Coal	23,168	11,801	546,820	2,904,985	5.73	125.39
13	Smith 2	195	40,536	27.9	98.9	51.0	10,826	Coal	18,593	11,801	438,847	2,331,378	5.75	125.39
14	Smith 3	556	365,529	88.4	99.3	89.0	6,863	Gas	2,558,350	1,030	2,508,628	11,882,070	3.25	4.64
15	Smith A (CT)	32	128	0.5	97.9	0.1	17,586	Oil	384	139,400	2,251	41,028	32.05	106.84
16	Other Generation		5,714				N/A	Gas				205,190	3.59	N/A
17	Daniel 1 (1)	255	93,559	49.3	94.9	56.9	10,771	Coal	45,155	11,158	1,007,728	4,984,946	5.33	110.40
18	Daniel 2 (1)	255	42,427	22.4	99.0	53.8	10,621	Coal	20,192	11,158	450,615	2,229,065	5.25	110.39
19	Gas,BL							Gas	0	0	0	0	N/A	N/A
20	Ltr. Oil							Oil	572	139,400	3,347	67,210	N/A	117.50
21		2,471	909,519	49.0	97.8	63.6	9,374				8,451,068	38,417,335	4.22	

Notes:
(1) Represents Gulf's 50% Ownership

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
ESTIMATED FOR THE MONTH OF: AUGUST 2013

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) As Burned Fuel Cost ($)	(m) Fuel Cost/ KWH (¢/KWH)	(n) Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	25,135	45.0	99.7	61.6	12,074	Coal	12,924	11,741	303,482	1,177,604	4.69	91.12
2	4							Gas - G						
3	Crist 5	75	13,753	24.6	99.6	63.0	11,390	Coal	6,671	11,741	156,641	607,815	4.42	91.11
4	5							Gas - G						
5	Crist 6	299	32,024	14.4	98.4	43.4	12,240	Coal	16,693	11,741	391,976	1,520,988	4.75	91.12
6	6							Gas - G						
7	Crist 7	475	238,269	67.4	97.1	71.2	10,769	Coal	109,275	11,741	2,565,917	9,956,548	4.18	91.11
8	7							Gas - G						
9	Perdido		2,240					Landfill Gas				59,853	2.67	N/A
10	Scholz 1	46	5,604	16.4	100.0	46.0	12,497	Coal	3,001	11,669	70,033	255,682	4.56	85.20
11	Scholz 2	46	5,157	15.1	100.0	42.3	13,064	Coal	2,887	11,669	67,372	245,968	4.77	85.20
12	Smith 1	162	77,835	64.6	99.5	67.6	10,749	Coal	35,613	11,746	836,648	4,384,235	5.63	123.11
13	Smith 2	195	53,596	36.9	99.3	55.1	10,739	Coal	24,500	11,746	575,569	3,016,118	5.63	123.11
14	Smith 3	556	366,710	88.6	99.3	89.3	6,862	Gas	2,566,259	1,030	2,516,365	11,939,043	3.26	4.65
15	Smith A (CT)	32	160	0.7	97.8	0.1	11,256	Oil	308	139,400	1,801	32,960	20.60	107.01
16	Other Generation		5,714				N/A	Gas				205,190	3.59	N/A
17	Daniel 1 (1)	255	97,949	51.6	97.6	59.3	10,475	Coal	45,989	11,155	1,026,012	5,136,700	5.24	111.69
18	Daniel 2 (1)	255	85,995	45.3	98.9	56.2	10,566	Coal	40,728	11,155	908,626	4,549,014	5.29	111.69
19	Gas,BL							Gas	0	0	0	0	N/A	N/A
20	Ltr. Oil							Oil	572	139,400	3,347	67,209	N/A	117.50
21		2,471	1,010,141	54.5	98.6	65.1	9,403				9,423,789	43,154,927	4.27	

Notes:
(1) Represents Gulf's 50% Ownership

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
ESTIMATED FOR THE MONTH OF: SEPTEMBER 2013

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
Line	Plant/Unit	Net Cap. (MW)	Net Gen. (MWH)	Cap. Factor (%)	Equiv. Avail. Factor (%)	Net Output Factor (%)	Avg. Net Heat Rate (BTU/KWH)	Fuel Type	Fuel Burned (Units) Tons/MCF/Bbl	Fuel Heat Value (BTU/Unit) Lbs/CF/Gal	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost/ KWH (¢/KWH)	Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	19,467	36.1	99.2	56.6	12,292	Coal	10,192	11,739	239,288	929,019	4.77	91.15
2	4							Gas - G						
3	Crist 5	75	10,990	20.4	99.3	55.9	12,214	Coal	5,717	11,739	134,229	521,135	4.74	91.16
4	5							Gas - G						
5	Crist 6	299	18,452	8.6	95.9	41.7	12,160	Coal	9,557	11,739	224,380	871,140	4.72	91.15
6	6							Gas - G						
7	Crist 7	475	180,323	52.7	96.5	62.3	11,034	Coal	84,749	11,739	1,989,682	7,724,805	4.28	91.15
8	7							Gas - G						
9	Perdido		2,166					Landfill Gas				57,876	2.67	N/A
10	Scholz 1	46	2,608	7.9	100.0	39.4	12,746	Coal	1,426	11,654	33,242	121,067	4.64	84.90
11	Scholz 2	46	1,296	3.9	100.0	39.1	13,249	Coal	737	11,654	17,171	62,535	4.83	84.85
12	Smith 1	162	31,002	26.6	99.0	59.8	10,813	Coal	14,302	11,720	335,222	1,768,998	5.71	123.69
13	Smith 2	195	39,630	28.2	98.9	47.7	10,914	Coal	18,453	11,720	432,517	2,282,433	5.76	123.69
14	Smith 3	556	350,395	87.5	99.3	88.2	6,868	Gas	2,453,448	1,030	2,406,515	11,421,941	3.26	4.66
15	Smith A (CT)	32	0	0.0	97.9	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		5,530				N/A	Gas				198,582	3.59	N/A
17	Daniel 1 (1)	255	81,873	44.6	95.4	57.5	10,238	Coal	37,588	11,150	838,220	4,266,033	5.21	113.49
18	Daniel 2 (1)	255	48,634	26.5	98.9	55.0	10,593	Coal	23,102	11,150	515,177	2,621,939	5.39	113.49
19	Gas,BL							Gas	0	0	0	0	N/A	N/A
20	Ltr. Oil							Oil	572	139,400	3,347	67,208	N/A	117.50
21		2,471	792,366	44.1	97.9	61.0	9,136				7,168,990	32,914,711	4.15	

Notes:
(1) Represents Gulf's 50% Ownership

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
ESTIMATED FOR THE MONTH OF: OCTOBER 2013

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
Line	Plant/Unit	Net Cap. (MW)	Net Gen. (MWH)	Cap. Factor (%)	Equiv. Avail. Factor (%)	Net Output Factor (%)	Avg. Net Heat Rate (BTU/KWH)	Fuel Type	Fuel Burned (Units) Tons/MCF/Bbl	Fuel Heat Value (BTU/Unit) Lbs/CF/Gal	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost/ KWH (¢/KWH)	Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	13,014	23.3	99.2	55.8	11,712	Coal	6,494	11,736	152,420	596,851	4.59	91.91
2	4							Gas - G						
3	Crist 5	75	21,626	38.8	99.3	55.9	11,603	Coal	10,691	11,736	250,924	982,576	4.54	91.91
4	5							Gas - G						
5	Crist 6	299	46,443	20.9	77.4	41.8	12,667	Coal	25,064	11,736	588,288	2,303,636	4.96	91.91
6	6							Gas - G						
7	Crist 7	475	85,757	24.3	71.6	57.9	11,220	Coal	40,994	11,736	962,196	3,767,796	4.39	91.91
8	7							Gas - G						
9	Perdido		2,240					Landfill Gas				59,853	2.67	N/A
10	Scholz 1	46	468	1.4	100.0	39.1	12,756	Coal	256	11,651	5,970	21,729	4.64	84.88
11	Scholz 2	46	468	1.4	100.0	39.1	13,250	Coal	266	11,651	6,201	22,569	4.82	84.85
12	Smith 1	162	12,652	10.5	67.0	68.5	10,783	Coal	5,833	11,695	136,427	723,430	5.72	124.02
13	Smith 2	195	64,465	44.4	98.9	56.1	10,467	Coal	28,849	11,695	674,753	3,578,005	5.55	124.03
14	Smith 3	557	375,619	90.6	99.3	91.2	6,765	Gas	2,594,687	1,030	2,541,062	11,991,215	3.19	4.62
15	Smith A (CT)	36	0	0.0	97.9	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		2,860				N/A	Gas				102,703	3.59	N/A
17	Daniel 1 (1)	255	31,941	16.8	98.0	53.5	10,658	Coal	15,271	11,146	340,428	1,759,237	5.51	115.20
18	Daniel 2 (1)	255	19,910	10.5	99.5	50.4	10,702	Coal	9,558	11,146	213,075	1,101,110	5.53	115.20
19	Gas,BL							Gas	0	0	0	0	N/A	N/A
20	Ltr. Oil							Oil	572	139,400	3,347	67,208	N/A	117.50
21		2,476	677,463	36.5	89.1	61.1	8,738				5,875,091	27,077,918	4.00	

Notes:
(1) Represents Gulf's 50% Ownership

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
ESTIMATED FOR THE MONTH OF: NOVEMBER 2013

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
Line	Plant/Unit	Net Cap. (MW)	Net Gen. (MWH)	Cap. Factor (%)	Equiv. Avail. Factor (%)	Net Output Factor (%)	Avg. Net Heat Rate (BTU/KWH)	Fuel Type	Fuel Burned (Units) Tons/MCF/Bbl	Fuel Heat Value (BTU/Unit) Lbs/CF/Gal	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost/ KWH (¢/KWH)	Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	21,183	39.2	99.4	55.6	11,717	Coal	10,578	11,732	248,201	973,942	4.60	92.07
2	4							Gas - G						
3	Crist 5	75	11,080	20.5	99.3	55.3	11,621	Coal	5,487	11,732	128,756	505,239	4.56	92.08
4	5							Gas - G						
5	Crist 6	299	0	0.0	0.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
6	6							Gas - G						
7	Crist 7	475	160,499	46.9	87.1	54.0	11,421	Coal	78,119	11,732	1,833,060	7,192,935	4.48	92.08
8	7							Gas - G						
9	Perdido		2,166					Landfill Gas				57,876	2.67	N/A
10	Scholz 1	46	828	2.5	100.0	38.3	12,756	Coal	453	11,645	10,562	38,406	4.64	84.78
11	Scholz 2	46	828	2.5	50.1	38.3	13,249	Coal	471	11,645	10,970	39,890	4.82	84.69
12	Smith 1	162	39,104	33.5	99.3	69.4	10,608	Coal	17,775	11,668	414,818	2,197,370	5.62	123.62
13	Smith 2	195	52,780	37.6	98.6	56.0	10,722	Coal	24,249	11,668	565,905	2,997,706	5.68	123.62
14	Smith 3	557	293,854	73.3	82.8	88.3	6,866	Gas	2,056,975	1,030	2,017,598	8,873,292	3.02	4.31
15	Smith A (CT)	36	0	0.0	97.9	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		5,530				N/A	Gas				198,582	3.59	N/A
17	Daniel 1 (1)	255	13,582	7.4	97.1	75.8	9,891	Coal	6,028	11,142	134,341	703,591	5.18	116.72
18	Daniel 2 (1)	255	14,171	7.7	99.2	65.4	10,379	Coal	6,600	11,142	147,076	770,289	5.44	116.71
19	Gas,BL							Gas	0	0	0	0	N/A	N/A
20	Ltr. Oil							Oil	572	139,400	3,347	67,208	N/A	117.50
21		2,476	615,605	34.1	80.0	58.5	9,071				5,514,634	24,616,326	4.00	

Notes:
(1) Represents Gulf's 50% Ownership

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
ESTIMATED FOR THE MONTH OF: DECEMBER 2013

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)
Line	Plant/Unit	Net Cap. (MW)	Net Gen. (MWH)	Cap. Factor (%)	Equiv. Avail. Factor (%)	Net Output Factor (%)	Avg. Net Heat Rate (BTU/KWH)	Fuel Type	Fuel Burned (Units) Tons/MCF/Bbl	Fuel Heat Value (BTU/Unit) Lbs/CF/Gal	Fuel Burned (MMBTU)	As Burned Fuel Cost ($)	Fuel Cost/ KWH (¢/KWH)	Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	16,839	30.2	99.2	55.9	11,707	Coal	8,401	11,733	197,134	772,452	4.59	91.95
2	4							Gas - G						
3	Crist 5	75	15,297	27.4	99.3	55.9	11,603	Coal	7,564	11,733	177,489	695,475	4.55	91.95
4	5							Gas - G						
5	Crist 6	299	1,886	0.8	27.9	39.4	12,374	Coal	995	11,733	23,337	91,444	4.85	91.90
6	6							Gas - G						
7	Crist 7	475	185,037	52.4	96.5	54.3	11,405	Coal	89,933	11,733	2,110,347	8,269,208	4.47	91.95
8	7							Gas - G						
9	Perdido		2,240					Landfill Gas				59,853	2.67	N/A
10	Scholz 1	46	1,296	3.8	100.0	39.1	12,756	Coal	710	11,641	16,532	60,069	4.63	84.60
11	Scholz 2	46	0	0.0	74.2	0.0	N/A	Coal	0	0	0	0	N/A	N/A
12	Smith 1	162	84,577	70.2	99.1	70.9	10,595	Coal	38,482	11,643	896,093	4,721,956	5.58	122.71
13	Smith 2	195	20,992	14.5	98.9	56.1	10,722	Coal	9,666	11,643	225,081	1,186,063	5.65	122.70
14	Smith 3	584	272,483	62.7	73.7	85.1	6,861	Gas	1,906,588	1,030	1,869,507	8,818,460	3.24	4.63
15	Smith A (CT)	40	0	0.0	97.9	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		2,860				N/A	Gas				102,703	3.59	N/A
17	Daniel 1 (1)	255	11,343	6.0	99.1	51.8	10,722	Coal	5,459	11,139	121,615	644,294	5.68	118.02
18	Daniel 2 (1)	255	22,188	11.7	99.3	42.0	10,932	Coal	10,888	11,139	242,554	1,285,001	5.79	118.02
19	Gas,BL							Gas	0	0	0	0	N/A	N/A
20	Ltr. Oil							Oil	572	139,400	3,347	67,208	N/A	117.50
21		2,507	637,038	33.9	83.7	57.4	9,310				5,883,036	26,774,186	4.20	

Notes:
(1) Represents Gulf's 50% Ownership

Docket No. 120001-EI
2013 Projection Filing
Exhibit RWD-3, Page 23 of 42

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
ESTIMATED FOR THE MONTH OF: JANUARY 2013 - DECEMBER 2013

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) As Burned Fuel Cost ($)	(m) Fuel Cost/ KWH (¢/KWH)	(n) Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	184,139	28.0	98.6	56.7	11,982	Coal	93,853	11,755	2,206,425	8,900,574	4.83	94.84
2	4							Gas - G						
3	Crist 5	75	196,883	30.0	98.6	52.4	11,675	Coal	97,629	11,772	2,298,513	9,499,963	4.83	97.31
4	5							Gas - G						
5	Crist 6	299	372,033	14.2	79.8	38.4	12,240	Coal	193,477	11,768	4,553,826	18,728,730	5.03	96.80
6	6							Gas - G						
7	Crist 7	475	1,885,383	45.3	93.8	58.8	11,178	Coal	895,775	11,763	21,074,378	85,999,274	4.56	96.01
8	7							Gas - G						
9	Perdido		26,366					Landfill Gas				704,503	2.67	N/A
10	Scholz 1	46	20,645	5.1	100.0	30.5	12,593	Coal	11,116	11,694	259,990	953,099	4.62	85.74
11	Scholz 2	46	17,159	4.3	93.7	26.6	13,174	Coal	9,659	11,702	226,050	829,790	4.84	85.91
12	Smith 1	162	560,099	39.5	90.3	66.9	10,672	Coal	252,825	11,822	5,977,556	31,220,250	5.57	123.49
13	Smith 2	195	532,235	31.2	95.2	53.8	10,685	Coal	240,562	11,820	5,686,872	29,764,207	5.59	123.73
14	Smith 3	565	4,059,172	82.0	91.2	90.0	6,842	Gas	28,342,618	980	27,773,568	125,616,386	3.09	4.43
15	Smith A (CT)	36	512	0.2	89.7	0.0	13,285	Oil	1,161	139,494	6,802	123,790	24.18	106.62
16	Other Generation		50,524				N/A	Gas				1,814,318	3.59	N/A
17	Daniel 1 (1)	255	511,996	22.9	94.5	56.8	10,579	Coal	242,695	11,159	5,416,336	26,806,855	5.24	110.45
18	Daniel 2 (1)	255	343,685	15.4	96.7	47.2	10,613	Coal	163,459	11,157	3,647,436	18,146,254	5.28	111.01
19	Gas,BL							Gas	0	0	0	0	N/A	N/A
20	Ltr. Oil							Oil	6,864	139,319	40,164	806,844	N/A	117.55
21		2,484	8,760,831	39.9	92.1	60.0	9,117				79,167,916	359,914,837	4.11	

Notes:
(1) Represents Gulf's 50% Ownership

SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
GULF POWER COMPANY
ESTIMATED FOR THE PERIOD OF: JANUARY 2013 - DECEMBER 2013

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
	LIGHT OIL													
1	*PURCHASES :*													
2	UNITS (BBL)	572	572	572	572	572	572	572	572	572	572	572	572	6,864
3	UNIT COST ($/BBL)	117.50	117.50	117.50	117.50	117.50	117.50	117.50	117.50	117.50	117.50	117.50	117.50	117.50
4	AMOUNT ($)	67,208	67,208	67,208	67,208	67,208	67,208	67,208	67,208	67,208	67,208	67,208	67,208	806,496
5	*BURNED :*													
6	UNITS (BBL)	572	572	572	572	572	572	572	572	572	572	572	572	6,864
7	UNIT COST ($/BBL)	117.83	117.65	117.56	117.53	117.51	117.50	117.50	117.50	117.50	117.50	117.50	117.50	117.55
8	AMOUNT ($)	67,398	67,294	67,247	67,226	67,216	67,212	67,210	67,209	67,208	67,208	67,208	67,208	806,844
9	*ENDING INVENTORY :*													
10	UNITS (BBL)	7,523	7,523	7,523	7,523	7,523	7,523	7,523	7,523	7,523	7,523	7,523	7,523	
11	UNIT COST ($/BBL)	117.30	117.29	117.29	117.28	117.28	117.28	117.28	117.28	117.28	117.28	117.28	117.28	
12	AMOUNT ($)	882,474	882,388	882,349	882,331	882,323	882,319	882,317	882,316	882,316	882,316	882,316	882,316	
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	
	COAL													
14	*PURCHASES :*													
15	UNITS (TONS)	127,544	143,614	153,027	166,525	133,795	172,204	213,887	235,573	173,256	142,517	161,094	179,721	2,002,757
16	UNIT COST ($/TON)	106.82	104.83	106.08	103.32	108.77	101.95	100.48	98.91	104.53	108.44	105.67	103.83	103.99
17	AMOUNT ($)	13,623,647	15,054,509	16,232,732	17,204,852	14,553,396	17,556,989	21,490,320	23,299,842	18,109,899	15,454,853	17,022,326	18,660,056	208,263,421
18	*BURNED :*													
19	UNITS (TONS)	189,802	151,611	152,128	159,767	124,207	198,429	255,868	298,281	205,823	143,276	149,760	172,098	2,201,050
20	UNIT COST ($/TON)	111.06	108.90	108.89	105.47	105.56	103.55	102.25	103.43	102.85	103.69	102.96	103.00	104.88
21	AMOUNT ($)	21,078,891	16,510,407	16,565,746	16,851,118	13,110,913	20,547,892	26,161,984	30,850,672	21,169,104	14,856,939	15,419,368	17,725,962	230,848,996
22	*ENDING INVENTORY :*													
23	UNITS (TONS)	943,652	935,655	936,554	943,312	952,900	926,675	884,694	821,986	789,419	788,660	799,994	807,617	
24	UNIT COST ($/TON)	110.25	109.64	109.18	108.77	109.19	109.05	108.95	108.07	108.65	109.52	109.97	110.09	
25	AMOUNT ($)	104,038,347	102,582,449	102,249,435	102,603,169	104,045,652	101,054,749	96,383,085	88,832,255	85,773,050	86,370,964	87,973,922	88,908,016	
26	DAYS SUPPLY:	45	44	44	45	45	44	42	39	37	37	38	38	

(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 2013 - DECEMBER 2013

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
	GAS (1)													
27	*BURNED :*													
28	UNITS (MMBtu)	2,737,128	2,439,962	1,805,338	1,938,973	2,574,480	2,418,012	2,508,628	2,516,365	2,406,515	2,541,062	2,017,598	1,869,507	27,773,568
29	UNIT COST ($/MMBtu)	4.04	4.06	4.16	4.75	4.55	4.67	4.74	4.74	4.75	4.72	4.40	4.72	4.52
30	AMOUNT ($)	11,053,479	9,909,757	7,502,136	9,218,343	11,722,497	11,284,153	11,882,070	11,939,043	11,421,941	11,991,215	8,873,292	8,818,460	125,616,386
	OTHER - C.T. OIL													
31	*PURCHASES :*													
32	UNITS (BBL)	0	0	0	0	85	384	384	308	0	0	0	0	1,161
33	UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	117.93	117.69	117.69	117.38	0.00	0.00	0.00	0.00	117.62
34	AMOUNT ($)	0	0	0	0	10,024	45,192	45,192	36,154	0	0	0	0	136,562
35	*BURNED :*													
36	UNITS (BBL)	0	0	0	0	85	384	384	308	0	0	0	0	1,161
37	UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	105.86	106.26	106.84	107.01	0.00	0.00	0.00	0.00	106.62
38	AMOUNT ($)	0	0	0	0	8,998	40,804	41,028	32,960	0	0	0	0	123,790
39	*ENDING INVENTORY :*													
40	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	
41	UNIT COST ($/BBL)	105.39	105.39	105.39	105.39	105.54	106.15	106.73	107.18	107.18	107.18	107.18	107.18	
42	AMOUNT ($)	752,796	752,796	752,796	752,796	753,822	758,210	762,374	765,568	765,568	765,568	765,568	765,568	
43	DAYS SUPPLY:	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.

SCHEDULE E-6
Page 1 of 2

POWER SOLD
GULF POWER COMPANY
ESTIMATED FOR THE PERIOD OF: JANUARY 2013 - DECEMBER 2013

(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) ¢ / kWh TOTAL COST	TOTAL $ FOR FUEL ADJUSTMENT	TOTAL COST $
	JANUARY							
1	Southern Co. Interchange	341,838,000	0	341,838,000	2.54	2.92	8,689,000	9,967,000
2	Economy Sales	7,052,000	0	7,052,000	2.55	2.92	180,000	206,000
3	Gain on Economy Sales	0	0	0	0.00	0.00	74,000	74,000
4	TOTAL ESTIMATED SALES	348,890,000	0	348,890,000	2.56	2.94	8,943,000	10,247,000
	FEBRUARY							
5	Southern Co. Interchange	273,819,000	0	273,819,000	2.51	2.84	6,879,000	7,786,000
6	Economy Sales	7,975,000	0	7,975,000	2.58	2.92	206,000	233,000
7	Gain on Economy Sales	0	0	0	0.00	0.00	53,000	53,000
8	TOTAL ESTIMATED SALES	281,794,000	0	281,794,000	2.53	2.86	7,138,000	8,072,000
	MARCH							
9	Southern Co. Interchange	312,714,000	0	312,714,000	2.58	2.99	8,075,000	9,336,000
10	Economy Sales	6,158,000	0	6,158,000	2.74	3.09	169,000	190,000
11	Gain on Economy Sales	0	0	0	0.00	0.00	54,000	54,000
12	TOTAL ESTIMATED SALES	318,872,000	0	318,872,000	2.60	3.00	8,298,000	9,580,000
	APRIL							
13	Southern Co. Interchange	56,349,000	0	56,349,000	3.02	3.35	1,700,000	1,886,000
14	Economy Sales	6,045,000	0	6,045,000	2.94	3.28	178,000	198,000
15	Gain on Economy Sales	0	0	0	0.00	0.00	35,000	35,000
16	TOTAL ESTIMATED SALES	62,394,000	0	62,394,000	3.07	3.40	1,913,000	2,119,000
	MAY							
17	Southern Co. Interchange	101,304,000	0	101,304,000	3.18	3.51	3,217,000	3,556,000
18	Economy Sales	6,613,000	0	6,613,000	3.93	4.16	260,000	275,000
19	Gain on Economy Sales	0	0	0	0.00	0.00	56,000	56,000
20	TOTAL ESTIMATED SALES	107,917,000	0	107,917,000	3.27	3.60	3,533,000	3,887,000
	JUNE							
21	Southern Co. Interchange	140,200,000	0	140,200,000	2.96	3.27	4,149,000	4,581,000
22	Economy Sales	4,749,000	0	4,749,000	4.00	4.19	190,000	199,000
23	Gain on Economy Sales	0	0	0	0.00	0.00	95,000	95,000
24	TOTAL ESTIMATED SALES	144,949,000	0	144,949,000	3.06	3.36	4,434,000	4,875,000

SCHEDULE E-6
Page 2 of 2

POWER SOLD
GULF POWER COMPANY
ESTIMATED FOR THE PERIOD OF: JANUARY 2013 - DECEMBER 2013

(1) LINE	(1) MONTH	(2) TYPE & SCHEDULE	(3) TOTAL kWh SOLD	(4) kWh WHEELED FROM OTHER SYSTEMS	(5) kWh FROM OWN GENERATION	(6)(A) ¢ / kWh FUEL COST	(6)(B) ¢ / kWh TOTAL COST	(7) TOTAL $ FOR FUEL ADJUSTMENT	(8) TOTAL COST $
	JULY								
1		Southern Co. Interchange	200,394,000	0	200,394,000	3.94	4.39	7,904,000	8,799,000
2		Economy Sales	4,479,000	0	4,479,000	4.11	4.40	184,000	197,000
3		Gain on Economy Sales	0	0	0	0.00	0.00	71,000	71,000
4		TOTAL ESTIMATED SALES	204,873,000	0	204,873,000	3.98	4.43	8,159,000	9,067,000
	AUGUST								
5		Southern Co. Interchange	328,428,000	0	328,428,000	4.04	4.52	13,273,000	14,842,000
6		Economy Sales	5,940,000	0	5,940,000	3.82	4.12	227,000	245,000
7		Gain on Economy Sales	0	0	0	0.00	0.00	68,000	68,000
8		TOTAL ESTIMATED SALES	334,368,000	0	334,368,000	4.06	4.53	13,568,000	15,155,000
	SEPTEMBER								
9		Southern Co. Interchange	203,376,000	0	203,376,000	3.10	3.45	6,297,000	7,015,000
10		Economy Sales	4,409,000	0	4,409,000	3.72	4.04	164,000	178,000
11		Gain on Economy Sales	0	0	0	0.00	0.00	43,000	43,000
12		TOTAL ESTIMATED SALES	207,785,000	0	207,785,000	3.13	3.48	6,504,000	7,236,000
	OCTOBER								
13		Southern Co. Interchange	10,505,000	0	10,505,000	3.75	4.07	394,000	428,000
14		Economy Sales	6,963,000	0	6,963,000	3.03	3.46	211,000	241,000
15		Gain on Economy Sales	0	0	0	0.00	0.00	30,000	30,000
16		TOTAL ESTIMATED SALES	17,468,000	0	17,468,000	3.64	4.00	635,000	699,000
	NOVEMBER								
17		Southern Co. Interchange	276,022,000	0	276,022,000	2.57	2.91	7,088,000	8,035,000
18		Economy Sales	8,185,000	0	8,185,000	2.64	2.99	216,000	245,000
19		Gain on Economy Sales	0	0	0	0.00	0.00	29,000	29,000
20		TOTAL ESTIMATED SALES	284,207,000	0	284,207,000	2.58	2.92	7,333,000	8,309,000
	DECEMBER								
21		Southern Co. Interchange	204,658,000	0	204,658,000	2.73	3.04	5,577,000	6,231,000
22		Economy Sales	8,911,000	0	8,911,000	2.73	3.14	243,000	280,000
23		Gain on Economy Sales	0	0	0	0.00	0.00	37,241	42,000
24		TOTAL ESTIMATED SALES	213,569,000	0	213,569,000	2.74	3.07	5,857,241	6,553,000
	TOTAL								
25		Southern Co. Interchange	2,449,607,000	0	2,449,607,000	2.99	3.37	73,242,000	82,462,000
26		Economy Sales	77,479,000	0	77,479,000	3.13	3.47	2,428,000	2,687,000
27		Gain on Economy Sales	0	0	0	0.00	0.00	645,241	650,000
28		TOTAL ESTIMATED SALES	2,527,086,000	0	2,527,086,000	3.02	3.40	76,315,241	85,799,000

SCHEDULE E-7

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

ESTIMATED FOR THE PERIOD OF: JANUARY 2013 - DECEMBER 2013

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
							¢ / kWh		
MONTH	PURCHASED FROM	TYPE & SCHED	TOTAL kWh PURCH.	kWh FOR OTHER UTILITIES	kWh FOR INTERRUPTIBLE	kWh FOR FIRM	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJ.
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								

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SCHEDULE E-8

ENERGY PAYMENT TO QUALIFYING FACILITIES
GULF POWER COMPANY
ESTIMATED FOR THE PERIOD OF: JANUARY 2013 - DECEMBER 2013

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
				kWh			¢/kWh		
MONTH	PURCHASED FROM:	TYPE AND SCHEDULE	TOTAL kWh PURCHASED	FOR OTHER UTILITIES	kWh FOR INTERRUPTIBLE	kWh FOR FIRM	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJ.
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			0			0			0

SCHEDULE E-9
Page 1 of 2

ECONOMY ENERGY PURCHASES
GULF POWER COMPANY
ESTIMATED FOR THE PERIOD OF: JANUARY 2013 - DECEMBER 2013

(1)	(2)	(3)	(4)	(5)
LINE	MONTH TYPE & SCHEDULE	TOTAL kWh PURCHASED	TRANSACTION COST ¢ / kWh	TOTAL $ FOR FUEL ADJ.
	JANUARY			
1	Southern Co. Interchange	14,031,000	2.97	417,000
2	Economy Energy	4,132,000	2.93	121,000
3	Other Purchases	530,697,000	3.05	16,168,000
4	TOTAL ESTIMATED PURCHASES	548,860,000	3.04	16,706,000
	FEBRUARY			
5	Southern Co. Interchange	16,005,000	2.97	475,000
6	Economy Energy	5,477,000	2.85	156,000
7	Other Purchases	426,013,000	3.06	13,050,000
8	TOTAL ESTIMATED PURCHASES	447,495,000	3.06	13,681,000
	MARCH			
9	Southern Co. Interchange	49,179,000	3.27	1,608,000
10	Economy Energy	4,913,000	3.11	153,000
11	Other Purchases	500,860,000	2.95	14,760,000
12	TOTAL ESTIMATED PURCHASES	554,952,000	2.98	16,521,000
	APRIL			
13	Southern Co. Interchange	114,227,000	3.39	3,868,000
14	Economy Energy	4,891,000	3.35	164,000
15	Other Purchases	176,600,000	3.01	5,312,000
16	TOTAL ESTIMATED PURCHASES	295,718,000	3.16	9,344,000
	MAY			
17	Southern Co. Interchange	60,904,000	4.22	2,571,000
18	Economy Energy	4,594,000	4.40	202,000
19	Other Purchases	455,313,000	2.81	12,796,000
20	TOTAL ESTIMATED PURCHASES	520,811,000	2.99	15,569,000
	JUNE			
21	Southern Co. Interchange	58,085,000	5.21	3,027,000
22	Economy Energy	2,685,000	4.39	118,000
23	Other Purchases	557,029,000	2.74	15,275,000
24	TOTAL ESTIMATED PURCHASES	617,799,000	2.98	18,420,000

SCHEDULE E-9
Page 2 of 2

ECONOMY ENERGY PURCHASES
GULF POWER COMPANY
ESTIMATED FOR THE PERIOD OF: JANUARY 2013 - DECEMBER 2013

(1)	(2)	(3)	(4)	(5)
LINE / MONTH	TYPE & SCHEDULE	TOTAL kWh PURCHASED	TRANSACTION COST ¢ / kWh	TOTAL $ FOR FUEL ADJ.
JULY				
1	Southern Co. Interchange	38,375,000	4.42	1,697,000
2	Economy Energy	3,008,000	4.85	146,000
3	Other Purchases	595,118,000	2.72	16,198,000
4	TOTAL ESTIMATED PURCHASES	636,501,000	2.83	18,041,000
AUGUST				
5	Southern Co. Interchange	9,900,000	4.10	406,000
6	Economy Energy	3,563,000	4.55	162,000
7	Other Purchases	599,894,000	2.77	16,637,000
8	TOTAL ESTIMATED PURCHASES	613,357,000	2.81	17,205,000
SEPTEMBER				
9	Southern Co. Interchange	18,435,000	4.72	870,000
10	Economy Energy	3,004,000	4.19	126,000
11	Other Purchases	561,338,000	2.84	15,942,000
12	TOTAL ESTIMATED PURCHASES	582,777,000	2.91	16,938,000
OCTOBER				
13	Southern Co. Interchange	271,015,000	3.48	9,444,000
14	Economy Energy	4,907,000	3.55	174,000
15	Other Purchases	34,348,000	7.55	2,594,000
16	TOTAL ESTIMATED PURCHASES	310,270,000	3.94	12,212,000
NOVEMBER				
17	Southern Co. Interchange	42,929,000	2.66	1,140,000
18	Economy Energy	6,100,000	3.02	184,000
19	Other Purchases	448,212,000	2.89	12,963,000
20	TOTAL ESTIMATED PURCHASES	497,241,000	2.87	14,287,000
DECEMBER				
21	Southern Co. Interchange	31,212,000	2.96	924,000
22	Economy Energy	6,890,000	3.11	214,000
23	Other Purchases	501,067,000	3.14	15,754,000
24	TOTAL ESTIMATED PURCHASES	539,169,000	3.13	16,892,000
TOTAL FOR PERIOD				
25	Southern Co. Interchange	724,297,000	3.65	26,447,000
26	Economy Energy	54,164,000	3.54	1,920,000
27	Other Purchases	5,386,489,000	2.92	157,449,000
28	TOTAL ESTIMATED PURCHASES	6,164,950,000	3.01	185,816,000

SCHEDULE E-10

GULF POWER COMPANY
RESIDENTIAL BILL COMPARISON
FOR MONTHLY USAGE OF 1,000 kWh
ESTIMATED FOR THE PERIOD OF: JANUARY 2013 - DECEMBER 2013

	Current Approved Jul. 12 - Dec. 12 ($/1,000 kWh)	Proposed Jan. 13 - Dec. 13 ($/1,000 kWh)	Difference from Current ($)	Difference from Current (%)
Base Rate	$ 57.65	$ 58.13	$ 0.48	0.8%
Fuel Cost Recovery	36.76	38.32	1.56	4.2%
Capacity Cost Recovery	3.78	4.67	0.89	23.5%
Energy Conservation Cost Recovery*	2.56	2.56	-	0.0%
Environmental Cost Recovery	12.94	12.53	(0.41)	-3.2%
Subtotal	$ 113.69	$ 116.21	$ 2.52	2.2%
Gross Receipts Tax	2.92	2.98	0.06	2.1%
Total	$ 116.61	$ 119.19	$ 2.58	2.2%

** For purposes of this comparison, the Energy Conservation factor has not yet been updated. The proposed 2013 Energy Conservation factor will be updated and filed with the FPSC on September 12, 2012.*

SCHEDULE E-11

ESTIMATED AS-AVAILABLE AVOIDED ENERGY COST
GULF POWER COMPANY
ESTIMATED FOR THE PERIOD OF: JANUARY 2013 - DECEMBER 2014

		TOTAL ¢ / kWh
2013	JANUARY	2.997
	FEBRUARY	2.997
	MARCH	2.997
	APRIL	3.643
	MAY	3.643
	JUNE	3.643
	JULY	3.643
	AUGUST	3.643
	SEPTEMBER	3.643
	OCTOBER	3.643
	NOVEMBER	2.997
	DECEMBER	2.997
2014	JANUARY	3.286
	FEBRUARY	3.286
	MARCH	3.286
	APRIL	3.824
	MAY	3.824
	JUNE	3.824
	JULY	3.824
	AUGUST	3.824
	SEPTEMBER	3.824
	OCTOBER	3.824
	NOVEMBER	3.286
	DECEMBER	3.286

SCHEDULE H1

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
GULF POWER COMPANY
ESTIMATED FOR THE PERIOD OF: JANUARY 2013 - DECEMBER 2013

LINE	LINE DESCRIPTION	2010	2011	2012	2013	% Change 2010 to 2011	% Change 2011 to 2012	% Change 2012 to 2013
	FUEL COST OF SYSTEM NET GENERATION ($)							
1	LIGHTER OIL (B.L.)	341,742	404,847	663,864	806,844	18.47	63.98	21.54
2	COAL	554,756,105	473,437,001	411,231,936	230,848,996	(14.66)	(13.14)	(43.86)
3	COAL at Scherer	28,740,327	0	0	0	(100.00)	0.00	0.00
4	GAS	86,398,515	147,491,326	131,747,551	125,616,386	70.71	(10.67)	(4.65)
5	GAS (B.L.)	0	0	0	0	0.00	0.00	0.00
6	LANDFILL GAS	0	638,895	685,856	704,503	100.00	7.35	2.72
7	OTHER - C.T.	0	0	0	123,790	0.00	0.00	100.00
8	OTHER GENERATION	5,841,400	2,528,728	2,453,961	1,814,318	(56.71)	(2.96)	(26.07)
9	TOTAL ($)	676,078,089	624,500,797	546,783,168	359,914,837	(7.63)	(12.44)	(34.18)
	SYSTEM NET GENERATION (MWh)							
10	COAL	12,370,288	9,701,804	8,417,818	4,624,257	(21.57)	(13.23)	(45.07)
11	GAS	1,609,503	3,517,639	3,428,937	4,059,172	118.55	(2.52)	18.38
12	LANDFILL GAS	0	25,363	26,440	26,366	100.00	4.25	(0.28)
13	OTHER - C.T.	0	0	0	512	0.00	0.00	100.00
14	OTHER GENERATION	112,551	50,524	50,618	50,524	(55.11)	0.19	(0.19)
15	TOTAL (MWH)	14,092,342	13,295,330	11,923,813	8,760,831	(5.66)	(10.32)	(26.53)
	UNITS OF FUEL BURNED							
16	LIGHTER OIL (BBL)	4,612	3,931	4,895	6,864	(14.77)	24.53	40.24
17	COAL (TON)	5,205,722	4,515,305	3,958,270	2,201,050	(13.26)	(12.34)	(44.39)
18	GAS (MCF)	12,057,632	23,780,440	23,659,285	28,342,618	97.22	(0.51)	19.79
19	OTHER - C.T. (BBL)	0	0	0	1,161	0.00	0.00	100.00
	BTUS BURNED (MMBtu)							
20	COAL + GAS B.L. + OIL B.L.	131,513,652	103,517,119	91,370,112	51,387,546	(21.29)	(11.73)	(43.76)
21	GAS - Generation	12,419,365	24,493,854	24,369,058	27,773,568	97.22	(0.51)	13.97
22	OTHER - C.T.	0	0	0	6,802	0.00	0.00	100.00
23	TOTAL (MMBtu)	143,933,017	128,010,973	115,739,170	79,167,916	(11.06)	(9.59)	(31.60)
	GENERATION MIX (% MWh)							
24	COAL + GAS B.L. + OIL B.L.	87.78	72.97	70.60	52.78	(16.87)	(3.25)	(25.24)
25	GAS - Generation	11.42	26.46	28.76	46.33	131.70	8.69	61.09
26	LANDFILL GAS	0.00	0.19	0.22	0.30	100.00	15.79	36.36
27	OTHER - C.T.	0.00	0.00	0.00	0.01	0.00	0.00	100.00
28	OTHER GENERATION	0.80	0.38	0.42	0.58	(52.50)	10.53	38.10
29	TOTAL (% MWH)	100.00	100.00	100.00	100.00	0.00	0.00	0.00
	FUEL COST PER UNIT							
30	LIGHTER OIL B.L. ($/BBL)	74.11	103.00	135.63	117.55	38.98	31.68	(13.33)
31	COAL ($/TON)	106.57	104.85	103.89	104.88	(1.61)	(0.92)	0.95
32	GAS +B.L. ($/MCF)	7.17	6.20	5.57	4.43	(13.53)	(10.16)	(20.47)
33	OTHER - C.T.	#N/A	#N/A	#N/A	106.62	#N/A	#N/A	#N/A
	FUEL COST ($ / MMBtu)							
34	COAL + GAS B.L. + OIL B.L.	4.44	4.58	4.51	4.51	3.15	(1.53)	0.00
35	GAS - Generation	6.96	6.02	5.41	4.52	(13.51)	(10.13)	(16.45)
36	OTHER - C.T.	#N/A	#N/A	#N/A	18.20	#N/A	#N/A	#N/A
37	TOTAL ($/MMBtu)	4.66	4.85	4.70	4.51	4.08	(3.09)	(4.04)
	BTU BURNED (Btu / kWh)							
38	COAL + GAS B.L. + OIL B.L.	10,631	10,670	10,854	11,113	0.37	1.72	2.39
39	GAS - Generation	7,716	6,963	7,107	6,842	(9.76)	2.07	(3.73)
40	OTHER - C.T.	#N/A	#N/A	#N/A	13,285	#N/A	#N/A	#N/A
41	TOTAL (Btu/kWh)	10,296	9,665	9,748	9,117	(6.13)	0.86	(6.47)
	FUEL COST (¢ / kWh)							
42	COAL + GAS B.L. + OIL B.L.	4.72	4.88	4.89	5.01	3.39	0.20	2.45
43	GAS - Generation	5.37	4.19	3.84	3.09	(21.97)	(8.35)	(19.53)
44	LANDFILL GAS	#N/A	2.52	2.59	2.67	#N/A	2.78	3.09
45	OTHER - C.T.	#N/A	#N/A	#N/A	24.18	#N/A	#N/A	#N/A
46	OTHER GENERATION	5.19	5.01	4.85	3.59	(3.47)	(3.19)	(25.98)
47	TOTAL (¢ / kWh)	4.80	4.70	4.59	4.11	(2.08)	(2.34)	(10.46)

Schedule CCE-1

Projected Purchased Power Capacity Payments / (Receipts)
Gulf Power Company
For January 2013 - December 2013

		January	February	March	April	May	June	July	August	September	October	November	December	Total
1	Projected IIC Payments / (Receipts) ($)	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Other Capacity Payments / (Receipts) ($)	2,073,612	2,073,612	1,974,611	1,974,611	2,567,611	7,055,062	7,043,894	7,043,893	7,042,893	2,264,893	2,265,893	2,265,893	45,646,478
3	Projected Transmission Revenue	(15,000)	(17,000)	(13,000)	(13,000)	(14,000)	(10,000)	(10,000)	(13,000)	(10,000)	(15,000)	(18,000)	(19,000)	(167,000)
4	Total Projected Capacity Payments / (Receipts) (Line 1 + 2 + 3) ($)	2,058,612	2,056,612	1,961,611	1,961,611	2,553,611	7,045,062	7,033,894	7,030,893	7,032,893	2,249,893	2,247,893	2,246,893	45,479,478
5	Jurisdictional %	0.9657346	0.9657346	0.9657346	0.9657346	0.9657346	0.9657346	0.9657346	0.9657346	0.9657346	0.9657346	0.9657346	0.9657346	
6	Projected Jurisdictional Capacity Payments / (Receipts) (Line 4 x Line 5) ($)	1,988,073	1,986,141	1,894,396	1,894,396	2,466,110	6,803,660	6,792,875	6,789,977	6,791,908	2,172,800	2,170,868	2,169,902	43,921,106
7	True-Up ($)													945,684
8	Total Jurisdictional Amount to be Recovered (Line 6 + Line 7) ($)													44,866,790
9	Revenue Tax Multiplier													1.00072
10	Total Recoverable Capacity Payments / (Receipts) (Line 8 x Line 9) ($)													44,899,094

Calculation of Jurisdictional % *

	12 CP KW	%
FPSC	1,853,909.42	96.57346%
FERC	65,778.81	3.42654%
Total	1,919,688.23	100.00000%

* Based on 2009 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 2013 - DECEMBER 2013

1.	Estimated over/(under)-recovery, January 2012 - December 20112 (Schedule CCE-1B, Line 15 + Line 18)	($592,654)
2.	Final over/(under)-recovery, January 2011 - December 2011 (Exhibit RWD-1, Schedule CCA-1, filed March 1, 2012)	(353,030)
3.	Total Over/(Under)-Recovery (Line 1 + 2) (To be included in January 2013 - December 2013)	($945,684)
4.	Jurisdictional kWh sales, January 2013 - December 2013	11,309,156,000
5.	True-up Factor (Line 3 / Line 4) x 100 (¢/kWh)	0.0084

PURCHASED POWER CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ESTIMATED TRUE-UP AMOUNT
GULF POWER COMPANY
FOR THE PERIOD JANUARY 2012 - DECEMBER 2012

		Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	Total
1	IIC Payments/(Receipts) ($)	780,945	148,604	263,389	7,143	1,194	(3,562)	(3,250)	(3,250)	310,408	317,032	175,900	(2,674)	1,991,879
2	Other Capacity Payments / (Receipts) ($)	1,598,449	1,584,591	1,487,018	1,477,131	2,070,759	7,643,985	8,146,324	7,263,961	6,755,861	1,976,861	1,977,862	1,977,862	43,960,664
3	Transmission Revenue ($)	(13,672)	(3,001)	(2,974)	(15,199)	29,633	(15,213)	(16,000)	(21,000)	(16,000)	(25,000)	(29,000)	(32,000)	(159,426)
4	Total Capacity Payments/(Receipts) ($)	2,365,722	1,730,194	1,747,433	1,469,075	2,101,586	7,625,210	8,127,074	7,239,711	7,050,269	2,268,893	2,124,762	1,943,188	45,793,117
5	Jurisdictional %	0.9644582	0.9644582	0.9644582	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) ($)	2,281,640	1,668,700	1,685,326	1,418,737	2,029,574	7,363,929	7,848,597	6,991,639	6,808,689	2,191,148	2,051,956	1,876,604	44,216,539
7	Retail kWh Sales								1,146,318,000	1,045,271,000	875,032,000	749,086,000	864,446,000	
8	Purchased Power Capacity Cost Recovery Factor (¢/kWh)								0.323	0.323	0.323	0.323	0.323	
9	Capacity Cost Recovery Revenues (Line 7 x Line 8/100) ($)	2,437,953	2,302,903	2,458,970	2,464,199	3,183,956	3,379,445	3,845,347	3,702,607	3,376,225	2,826,353	2,419,548	2,792,161	35,189,667
10	Revenue Taxes (Line 9 x .00072) ($)	1,755	1,658	1,770	1,774	2,292	2,433	2,769	2,666	2,431	2,035	1,742	2,010	25,335
11	True-Up Provision ($)	699,759	699,759	699,759	699,759	699,759	699,759	699,759	699,759	699,759	699,759	699,759	699,757	8,397,106
12	Capacity Cost Recovery Revenues Net of Revenue Taxes (Line 9 - Line 10 + Line 11) ($)	3,135,957	3,001,004	3,156,959	3,162,184	3,881,423	4,076,771	4,542,337	4,399,700	4,073,553	3,524,077	3,117,565	3,489,908	43,561,438
13	Over/(Under) Recovery (Line 12 - Line 6) ($)	854,317	1,332,304	1,471,633	1,743,447	1,851,849	(3,287,158)	(3,306,260)	(2,591,939)	(2,735,136)	1,332,929	1,065,609	1,613,304	(655,101)
14	Interest Provision ($)	512	707	655	891	1,167	1,154	734	278	(142)	(318)	(255)	(175)	5,208
15	Total Estimated True-Up for the Period January 2012 - December 2012 (Line 13 + Line 14) ($)													(649,893)
NOTE:	Interest is Calculated for July through December at July 2012 monthly rate of		0.0125%											
16	Beginning Balance True-Up & Interest Provision ($)	8,044,076	8,199,146	8,832,398	9,604,927	10,649,506	11,802,763	7,874,239	3,868,954	577,534	(2,857,503)	(2,224,651)	(1,859,056)	8,044,076
17	True-Up Collected/(Refunded) ($)	(699,759)	(699,759)	(699,759)	(699,759)	(699,759)	(699,759)	(699,759)	(699,759)	(699,759)	(699,759)	(699,759)	(699,757)	(8,397,106)
18	Adjustment ($)	0	0	0	0	0	57,239	0	0	0	0	0	0	57,239
19	End of Period TOTAL Net True-Up (Lines 13 + 14 + 16 + 17 + 18) ($)	8,199,146	8,832,398	9,604,927	10,649,506	11,802,763	7,874,239	3,868,954	577,534	(2,857,503)	(2,224,651)	(1,859,056)	(945,684)	(945,684)

Calculation of Purchased Power Capacity Cost Recovery Factors
Gulf Power Company
For January 2013 - December 2013

	A	B	C	D	E	F	G	H	I
Rate Class	Average 12 CP Load Factor at Meter	2013 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	2,013 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	57.312955%	5,445,580,000	1,084,644.04	1.00820508	1.00777864	5,487,939,206	1,093,543.63	48.55616%	57.25855%
GS	63.216034%	282,614,000	51,034.32	1.00820395	1.00777656	284,811,765	51,453.00	2.51996%	2.69411%
GSD, GSDT, GSTOU	73.903822%	2,657,985,000	410,564.62	1.00800263	1.00762887	2,678,262,422	413,850.22	23.69672%	21.66942%
LP, LPT	84.021171%	1,160,741,000	157,703.92	0.97344897	0.98364378	1,141,755,665	153,516.72	10.10202%	8.03822%
PX, PXT, RTP, SBS	94.359108%	1,607,910,000	194,524.27	0.95247952	0.96644352	1,553,954,200	185,280.38	13.74907%	9.70138%
OS - I / II	178.491660%	108,574,000	6,943.91	1.00802086	1.00777465	109,418,125	6,999.61	0.96811%	0.36650%
OS-III	101.451511%	45,752,000	5,148.11	1.00838359	1.00778595	46,108,223	5,191.27	0.40796%	0.27182%
TOTAL		11,309,156,000	1,910,563.19			11,302,249,606	1,909,834.83	100.00000%	100.00000%

Notes:
Col A - Average 12 CP load factor based on actual 2009 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 2013 - December 2013

	A	B	C	D	E	F	G
Rate Class	2013 Percentage of KWH Sales at Generation Page 1, Col H	Percentage of 12 CP KW Demand at Generation Page 1, Col I	Energy-Related Costs ($)	Demand-Related Costs ($)	Total Capacity Costs ($) Col C + Col D	2013 Projected KWH Sales at Meter Page 1, Col B	Capacity Cost Recovery Factors (¢ / KWH) Col E / Col F x 100
RS, RSVP	48.55616%	57.25855%	1,677,021	23,730,988	25,408,009	5,445,580,000	0.467
GS	2.51996%	2.69411%	87,034	1,116,582	1,203,616	282,614,000	0.426
GSD, GSDT, GSTOU	23.69672%	21.66942%	818,432	8,980,960	9,799,392	2,657,985,000	0.369
LP, LPT	10.10202%	8.03822%	348,901	3,331,466	3,680,367	1,160,741,000	0.317
PX, PXT, RTP, SBS	13.74907%	9.70138%	474,862	4,020,768	4,495,630	1,607,910,000	0.280
OS - I / II	0.96811%	0.36650%	33,436	151,897	185,333	108,574,000	0.171
OS-III	0.40796%	0.27182%	14,090	112,657	126,747	45,752,000	0.277
TOTAL	100.00000%	100.00000%	$3,453,776	$41,445,318	$44,899,094	11,309,156,000	0.397

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

Gulf Power Company
2013 Capacity Contracts

Contract/Counterparty	Term Start	End (1)	Contract Type
Southern Intercompany Interchange	5/1/2007	5 Yr Notice	SES Opco
PPAs			
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 (2)	11/2/2009	5/31/2023	Non-Firm
Other			
South Carolina PSA	9/1/2003	-	Other

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

Capacity Costs

2013 Contract	January MW	January $	February MW	February $	March MW	March $	April MW	April $	May MW	May $	June MW	June $
Southern Intercompany Interchange	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
PPAs												
Coral Power,LLC	[redacted]											
Southern Power Company												
Shell Energy N.A. (U.S.), LP												
Other												
South Carolina PSA	[redacted]											
Total		2,073,612		2,073,612		1,974,611		1,974,611		2,567,611		7,055,062

Gulf Power Company
2013 Capacity Contracts

Contract/Counterparty	Term Start	Term End (1)	Contract Type
Southern Intercompany Interchange	5/1/2007	5 Yr Notice	SES Opco
PPAs			
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 (2)	11/2/2009	5/31/2023	Non-Firm
Other			
South Carolina PSA	9/1/2003	-	Other

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

Capacity Costs

2013 Contract	July MW	July $	August MW	August $	September MW	September $	October MW	October $	November MW	November $	December MW	December $	Total $
Southern Intercompany Interchange	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0
PPAs													
Coral Power,LLC	[redacted]												
Southern Power Company													
Shell Energy N.A. (U.S.), LP													
Total PPAs													45,685,478
Other													
South Carolina PSA	[redacted]												(39,000)
Total		7,043,894		7,043,893		7,042,893		2,264,893		2,265,893		2,265,893	45,646,478

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

GENERATING PERFORMANCE INCENTIVE FACTOR

TARGETS FOR

JANUARY 2013 - DECEMBER 2013

Before

THE FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 120001-EI

GULF POWER COMPANY

Before the Florida Public Service Commission

Direct Testimony of

M. A. Young, III

Docket No. 120001-EI

Date of Filing: August 31, 2012

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

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

Q. Please describe your educational and business background.

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

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

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

A. The purpose of my testimony is to present GPIF targets for Gulf Power Company for the period of January 1, 2013 through December 31, 2013.

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

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

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

A. Yes, it was.

Counsel: We ask that Mr. Young's exhibit consisting of three schedules be marked for identification as Exhibit___(MAY-2).

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

A. We propose that Crist Units 6 and 7, Smith Unit 3, and Daniel Units 1 and 2, be included as the Company's GPIF units. The projected net generation from these units is approximately 81% of Gulf's projected net generation for 2013.

Q. For these units, what are the target heat rates Gulf proposes to use in the GPIF for these units for the performance period January 1, 2013 through December 31, 2013?

A. I would like to refer you to page 29 of Schedule 1 of my exhibit where these targets are listed.

Q. How were these proposed target heat rates determined?

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

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

A. Page 2 of Schedule 1 of my exhibit shows the target average net operating heat rate equations for the proposed GPIF units and pages 4 through 25 of Schedule 1 contain the weekly historical data used for the statistical development of these equations. Pages 26 through 28 of Schedule 1 present the calculations that provide the unit target heat rates from the target equations.

Q. Were the maximum and minimum attainable heat rates for each proposed GPIF unit indicated on page 29 of Schedule 1 of your exhibit calculated according to the appropriate GPIF Implementation Manual procedures?

A. Yes.

Q. What are the proposed target, maximum, and minimum equivalent availabilities for Gulf's units?

A. The target, maximum, and minimum equivalent availabilities are listed on page 4 of Schedule 2 of my exhibit.

Q. How were the target equivalent availabilities determined?

A. The target equivalent availabilities were determined according to the standard GPIF Implementation Manual procedures for Gulf and are presented on page 2 of Schedule 2 of my exhibit.

Q. How were the maximum and minimum attainable equivalent availabilities determined for each unit?

A. The maximum and minimum attainable equivalent availabilities, which are presented along with their respective target availabilities on page 4 of Schedule 2 of my exhibit, were determined per GPIF Implementation Manual procedures for Gulf.

Q. Mr. Young, has Gulf completed the GPIF minimum filing requirements data package?

A. Yes, we have completed the minimum filing requirements data package. Schedule 3 of my exhibit contains this information.

Q. Mr. Young, would you please summarize your testimony?
A. Yes. Gulf asks that the Commission accept:

1. Crist Units 6 and 7, Smith Unit 3, and Daniel Units 1 and 2 for inclusion under the GPIF for the period of January 1, 2013 through December 31, 2013.

2. The target, maximum attainable, and minimum attainable average net operating heat rates, as proposed by the Company and as shown on page 29 of Schedule 1 and also on page 5 of Schedule 3 of my exhibit.

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

4. The weekly average net operating heat rate least squares regression equations, shown on page 2 of Schedule 1 and also on pages 17 through 26 of Schedule 3 of my exhibit, for use in adjusting the annual actual unit heat rates to target conditions.

Q. Mr. Young, does this conclude your testimony?
A. Yes.

AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

Docket No. 120001-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.

M. A. Young III

Melvin A. Young, III
Power Generation Specialist

Sworn to and subscribed before me this 28th day of August, 2012.

Monica A. Williams

Notary Public, State of Florida at Large

MONICA A WILLIAMS
MY COMMISSION # EE166803
EXPIRES February 06, 2016
(407) 398-0153 FloridaNotaryService.com

EXHIBIT TO THE TESTIMONY OF

M. A. YOUNG, III

IN FPSC DOCKET 120001-EI

I. DETERMINATION OF HEAT RATE TARGETS

Target Heat Rate Equations

Crist 6 ANOHR = 10^6 / AKW * [1092.37 - 31.97 * MAY + 69.51 * JUL + 28.15 * AUG + 63.58 * OCT]

+ 247 + 0.02463 * LSRF / AKW

Crist 7 ANOHR = 10^6 / AKW * [1109.67 + 68.77 * APR - 61.47 * JUN]

+ 5,868 + 0.00454 * LSRF / AKW

Smith 3 ANOHR = 10^6 / AKW * [160.82 - 42.90 * OCT]

+ 6,894 - 0.00003 * LSRF / AKW

Daniel 1 ANOHR = 10^6 / AKW * [515.05 + 63.65 * JAN + 65.39 * JUL - 84.66 * SEP + 91.23 * NOV]

+ 8,771

Daniel 2 ANOHR = 10^6 / AKW * [-99.14 - 68.37 * JAN + 50.20 * MAY - 38.91 * JUN]

+ 12,531 - 0.00482 * LSRF / AKW

Where:

ANOHR = Average Net Operating Heat Rate, BTU/KWH
AKW = Average Kilowatt Load, KW
LSRF = Load Square Range Factor, KW^2
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 6 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
11001	144	188.8	38477	0	0	0	0	0	0	1	0	0	0	0	0	2009
11249	144	174.7	33573	0	0	0	0	0	0	1	0	0	0	0	1	2009
10773	168	218.4	51028	0	0	0	0	0	0	1	0	0	0	0	0	2009
11310	168	179.1	34542	0	0	0	0	0	0	0	1	0	0	0	0	2009
11642	168	164.9	29057	0	0	0	0	0	0	0	1	0	0	0	0	2009
11916	168	149.2	22862	0	0	0	0	0	0	0	1	0	0	0	0	2009
12035	139	144.9	21641	0	0	0	0	0	0	0	1	0	0	0	0	2009
11983	131	175.0	32844	0	0	0	0	0	0	0	0	0	1	0	1	2009
11776	169	157.4	25978	0	0	0	0	0	0	0	0	0	1	0	0	2009
11184	168	172.2	31141	0	0	0	0	0	0	0	0	0	0	1	0	2009
11852	168	136.3	18844	0	0	0	0	0	0	0	0	0	0	1	0	2009
*16776	64	127.6	16685	0	0	0	0	0	0	0	0	0	0	1	1	2009
11617	168	140.8	20408	0	0	0	0	0	0	0	0	0	0	1	0	2009
10836	168	192.9	40818	0	0	0	0	0	0	0	0	0	0	0	0	2009
10911	168	201.6	43641	0	0	0	0	0	0	0	0	0	0	0	0	2009
10579	168	224.9	53828	0	0	0	0	0	0	0	0	0	0	0	0	2009
10705	163	179.0	34014	0	0	0	0	0	0	0	0	0	0	0	0	2009
11060	24	226.4	53676	0	0	0	0	0	0	0	0	0	0	0	0	2009
10682	168	250.9	931	1	0	0	0	0	0	0	0	0	0	0	0	2010
10724	168	251.9	1303	1	0	0	0	0	0	0	0	0	0	0	0	2010
11322	168	160.1	28109	1	0	0	0	0	0	0	0	0	0	0	0	2010
11195	168	180.1	35985	1	0	0	0	0	0	0	0	0	0	0	0	2010
11177	158	165.8	30871	0	1	0	0	0	0	0	0	0	0	0	0	2010
12195	72	149.8	25483	0	1	0	0	0	0	0	0	0	0	0	1	2010
11088	168	219.3	51081	0	1	0	0	0	0	0	0	0	0	0	0	2010
11187	168	196.9	42955	0	1	0	0	0	0	0	0	0	0	0	0	2010
11547	168	170.9	33460	0	0	1	0	0	0	0	0	0	0	0	0	2010
11125	118	177.3	36018	0	0	1	0	0	0	0	0	0	0	0	0	2010
11613	135	155.6	27303	0	0	0	1	0	0	0	0	0	0	0	1	2010
11736	125	148.9	25450	0	0	0	1	0	0	0	0	0	0	0	1	2010
11968	168	133.3	18245	0	0	0	0	1	0	0	0	0	0	0	0	2010
11520	168	183.2	38438	0	0	0	0	1	0	0	0	0	0	0	0	2010
11350	168	219.4	52660	0	0	0	0	1	0	0	0	0	0	0	0	2010
11698	136	205.8	48181	0	0	0	0	1	0	0	0	0	0	0	1	2010
11528	134	220.7	53434	0	0	0	0	1	0	0	0	0	0	0	1	2010
11490	162	218.3	53240	0	0	0	0	0	1	0	0	0	0	0	0	2010
11462	138	223.2	54903	0	0	0	0	0	1	0	0	0	0	0	1	2010
11369	124	222.5	55126	0	0	0	0	0	1	0	0	0	0	0	1	2010
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

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
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
11604	168	155.7	27090	0	0	0	0	0	0	0	0	1	0	0	0	2011
11198	136	166.3	32011	0	0	0	0	0	0	0	0	1	0	0	1	2011
11975	168	127.2	16651	0	0	0	0	0	0	0	0	0	1	0	0	2011
12182	168	134.5	18587	0	0	0	0	0	0	0	0	0	1	0	0	2011
12317	168	124.3	15560	0	0	0	0	0	0	0	0	0	1	0	0	2011
12343	164	122.2	15044	0	0	0	0	0	0	0	0	0	1	0	0	2011
12250	76	119.6	14538	0	0	0	0	0	0	0	0	0	0	1	1	2011
11456	140	136.7	20466	0	0	0	0	0	0	0	0	0	0	1	1	2011
11800	72	128.6	16878	0	0	0	0	0	0	0	0	0	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
11952	140	137.1	19829	0	0	0	0	0	0	0	0	0	0	0	1	2011
12056	168	132.1	18221	0	0	0	0	0	0	0	0	0	0	0	0	2011
12084	168	126.0	16071	0	0	0	0	0	0	0	0	0	0	0	0	2011
12017	24	124.9	15682	0	0	0	0	0	0	0	0	0	0	0	0	2011
11889	120	144.1	22044	1	0	0	0	0	0	0	0	0	0	0	0	2012
12270	106	145.2	26039	0	0	0	1	0	0	0	0	0	0	0	1	2012
11057	168	173.2	34715	0	0	0	0	1	0	0	0	0	0	0	0	2012
10426	168	193.0	40563	0	0	0	0	1	0	0	0	0	0	0	0	2012
10227	168	216.0	48109	0	0	0	0	1	0	0	0	0	0	0	0	2012
10091	168	241.8	59959	0	0	0	0	1	0	0	0	0	0	0	0	2012
* 8718	168	213.1	45408	0	0	0	0	1	0	0	0	0	0	0	0	2012
10882	168	229.9	53953	0	0	0	0	0	1	0	0	0	0	0	0	2012
10915	168	218.4	48094	0	0	0	0	0	1	0	0	0	0	0	0	2012
10660	153	223.6	51774	0	0	0	0	0	1	0	0	0	0	0	0	2012

Data Base for CRIST 6 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^2.
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
11011	168	382.6	19558	0	0	0	0	0	0	1	0	0	0	0	0	2009
10507	163	397.6	31765	0	0	0	0	0	0	1	0	0	0	0	0	2009
11902	38	271.3	14043	0	0	0	0	0	0	1	0	0	0	0	1	2009
10766	168	370.1	10152	0	0	0	0	0	0	1	0	0	0	0	0	2009
11123	168	335.9	51494	0	0	0	0	0	0	0	1	0	0	0	0	2009
11156	168	329.3	47428	0	0	0	0	0	0	0	1	0	0	0	0	2009
11048	167	293.0	22390	0	0	0	0	0	0	0	1	0	0	0	0	2009
11920	135	248.3	1860	0	0	0	0	0	0	0	1	0	0	0	0	2009
11336	168	277.8	13491	0	0	0	0	0	0	0	1	0	0	0	0	2009
11427	168	273.1	10279	0	0	0	0	0	0	0	0	1	0	0	0	2009
11033	168	300.7	28238	0	0	0	0	0	0	0	0	1	0	0	0	2009
11164	168	312.9	36398	0	0	0	0	0	0	0	0	1	0	0	0	2009
10853	168	314.0	37185	0	0	0	0	0	0	0	0	1	0	0	0	2009
11801	41	305.6	32485	0	0	0	0	0	0	0	0	0	1	0	0	2009
16762	53	107.8	14985	0	0	0	0	0	0	0	0	0	0	0	2	2009
10700	78	371.5	25119	0	0	0	0	0	0	0	0	0	0	0	0	2009
11148	138	379.2	25995	0	0	0	0	0	0	0	0	0	0	0	1	2009
10861	165	358.4	6905	0	0	0	0	0	0	0	0	0	0	0	0	2009
10356	24	394.0	27815	0	0	0	0	0	0	0	0	0	0	0	0	2009
10657	168	430.9	58914	1	0	0	0	0	0	0	0	0	0	0	0	2010
10795	134	408.4	49527	1	0	0	0	0	0	0	0	0	0	0	1	2010
12155	166	198.4	40339	1	0	0	0	0	0	0	0	0	0	0	0	2010
10136	168	394.3	31307	1	0	0	0	0	0	0	0	0	0	0	0	2010
10006	168	349.4	64020	0	1	0	0	0	0	0	0	0	0	0	0	2010
10137	168	351.4	64208	0	1	0	0	0	0	0	0	0	0	0	0	2010
10434	168	401.0	36771	0	1	0	0	0	0	0	0	0	0	0	0	2010
10255	168	354.5	1331	0	1	0	0	0	0	0	0	0	0	0	0	2010
10339	168	330.6	50205	0	0	1	0	0	0	0	0	0	0	0	0	2010
10468	168	308.4	35039	0	0	1	0	0	0	0	0	0	0	0	0	2010
10638	167	305.4	33465	0	0	1	0	0	0	0	0	0	0	0	0	2010
10758	168	292.4	25355	0	0	1	0	0	0	0	0	0	0	0	0	2010
10704	168	272.4	9874	0	0	1	0	0	0	0	0	0	0	0	0	2010
11184	70	266.0	11971	0	0	0	1	0	0	0	0	0	0	0	1	2010
10393	168	311.8	37343	0	0	0	1	0	0	0	0	0	0	0	0	2010
10508	168	306.9	32798	0	0	0	1	0	0	0	0	0	0	0	0	2010
10705	168	306.9	34996	0	0	0	1	0	0	0	0	0	0	0	0	2010
10631	168	298.9	27143	0	0	0	0	1	0	0	0	0	0	0	0	2010
10391	168	347.3	63736	0	0	0	0	1	0	0	0	0	0	0	0	2010
10482	168	392.9	31209	0	0	0	0	1	0	0	0	0	0	0	0	2010
10668	168	381.7	23587	0	0	0	0	1	0	0	0	0	0	0	0	2010
10643	168	316.7	44198	0	0	0	0	1	0	0	0	0	0	0	0	2010
9925	168	385.6	26366	0	0	0	0	0	1	0	0	0	0	0	0	2010
9803	168	390.2	28688	0	0	0	0	0	1	0	0	0	0	0	0	2010
9868	168	386.4	26714	0	0	0	0	0	1	0	0	0	0	0	0	2010
10189	120	383.6	23777	0	0	0	0	0	1	0	0	0	0	0	0	2010
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

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
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	29096	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
11064	168	352.9	3984	0	0	0	0	0	1	0	0	0	0	0	0	2011
11109	123	343.5	62841	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
10391	168	365.2	12555	0	0	0	0	0	0	1	0	0	0	0	0	2011
10459	168	383.7	25816	0	0	0	0	0	0	1	0	0	0	0	0	2011
10596	168	340.9	59287	0	0	0	0	0	0	1	0	0	0	0	0	2011
10622	168	352.8	2580	0	0	0	0	0	0	1	0	0	0	0	0	2011
10619	168	377.3	19317	0	0	0	0	0	0	0	1	0	0	0	0	2011
10960	168	364.3	10832	0	0	0	0	0	0	0	1	0	0	0	0	2011
11118	166	308.7	43716	0	0	0	0	0	0	0	1	0	0	0	0	2011
10895	168	368.6	14375	0	0	0	0	0	0	0	1	0	0	0	0	2011
11046	115	342.8	63916	0	0	0	0	0	0	0	1	0	0	0	0	2011
11031	163	297.7	30265	0	0	0	0	0	0	0	0	1	0	0	1	2011
10697	168	336.9	57109	0	0	0	0	0	0	0	0	1	0	0	0	2011
10564	168	349.3	123	0	0	0	0	0	0	0	0	1	0	0	0	2011
10325	168	385.6	23743	0	0	0	0	0	0	0	0	1	0	0	0	2011
10380	168	345.8	56379	0	0	0	0	0	0	0	0	0	1	0	0	2011
10762	168	337.8	52893	0	0	0	0	0	0	0	0	0	1	0	0	2011
10628	168	335.2	51542	0	0	0	0	0	0	0	0	0	1	0	0	2011
10766	168	310.6	33476	0	0	0	0	0	0	0	0	0	1	0	0	2011
10886	168	309.0	31153	0	0	0	0	0	0	0	0	0	1	0	0	2011
10913	169	299.8	25404	0	0	0	0	0	0	0	0	0	0	1	0	2011
10904	168	312.8	34397	0	0	0	0	0	0	0	0	0	0	1	0	2011
11124	168	296.3	22885	0	0	0	0	0	0	0	0	0	0	1	0	2011
10828	168	318.3	39330	0	0	0	0	0	0	0	0	0	0	1	0	2011
10973	168	324.0	42862	0	0	0	0	0	0	0	0	0	0	0	0	2011
10825	49	343.2	57591	0	0	0	0	0	0	0	0	0	0	0	0	2011
11562	109	252.5	1270	1	0	0	0	0	0	0	0	0	0	0	1	2012
11363	168	257.7	1423	1	0	0	0	0	0	0	0	0	0	0	0	2012
11325	168	263.0	4737	1	0	0	0	0	0	0	0	0	0	0	0	2012
11742	119	251.1	65202	1	0	0	0	0	0	0	0	0	0	0	1	2012
11276	168	253.1	64136	0	1	0	0	0	0	0	0	0	0	0	0	2012
11438	168	260.1	3349	0	1	0	0	0	0	0	0	0	0	0	0	2012
11410	168	264.9	6768	0	1	0	0	0	0	0	0	0	0	0	0	2012
11488	168	251.7	63397	0	1	0	0	0	0	0	0	0	0	0	0	2012
11957	168	248.9	61984	0	1	0	0	0	0	0	0	0	0	0	0	2012
12412	168	259.8	3914	0	0	1	0	0	0	0	0	0	0	0	0	2012
11830	167	252.2	63729	0	0	1	0	0	0	0	0	0	0	0	0	2012
10377	168	271.1	10881	0	0	1	0	0	0	0	0	0	0	0	0	2012
*10308	168	253.3	64299	0	0	1	0	0	0	0	0	0	0	0	0	2012
11664	161	251.8	65330	0	0	0	1	0	0	0	0	0	0	0	0	2012
11435	168	250.0	62674	0	0	0	1	0	0	0	0	0	0	0	0	2012
11574	168	264.0	6937	0	0	0	1	0	0	0	0	0	0	0	0	2012
11942	167	266.3	8987	0	0	0	1	0	0	0	0	0	0	0	0	2012
12131	133	257.4	2873	0	0	0	0	1	0	0	0	0	0	0	1	2012
12302	96	271.3	13039	0	0	0	0	1	0	0	0	0	0	0	0	2012
11943	147	290.3	26198	0	0	0	0	1	0	0	0	0	0	0	1	2012
11814	139	280.9	17887	0	0	0	0	1	0	0	0	0	0	0	0	2012
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

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
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

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^2.
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 3 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
6994	143	443.1	49469	0	0	0	0	0	0	1	0	0	0	0	0	2009
7012	145	444.4	5964	0	0	0	0	0	0	1	0	0	0	0	0	2009
6867	162	452.3	23171	0	0	0	0	0	0	1	0	0	0	0	0	2009
6956	141	438.9	18694	0	0	0	0	0	0	1	0	0	0	0	0	2009
6937	168	432.5	3186	0	0	0	0	0	0	0	1	0	0	0	0	2009
7106	143	429.3	13107	0	0	0	0	0	0	0	1	0	0	0	0	2009
6889	162	418.7	33177	0	0	0	0	0	0	0	1	0	0	0	0	2009
6825	161	407.4	46588	0	0	0	0	0	0	0	1	0	0	0	0	2009
6774	168	444.4	32226	0	0	0	0	0	0	0	1	0	0	0	0	2009
6930	168	451.0	56364	0	0	0	0	0	0	0	0	1	0	0	0	2009
6788	168	497.5	64402	0	0	0	0	0	0	0	0	1	0	0	0	2009
6769	168	479.7	18268	0	0	0	0	0	0	0	0	1	0	0	0	2009
*1942	47	454.2	29051	0	0	0	0	0	0	0	0	1	0	0	0	2009
*4017	91	468.7	6139	0	0	0	0	0	0	0	0	0	1	0	1	2009
6954	168	489.2	43927	0	0	0	0	0	0	0	0	0	1	0	0	2009
6783	168	487.4	15365	0	0	0	0	0	0	0	0	0	1	0	0	2009
6730	168	429.7	9753	0	0	0	0	0	0	0	0	0	1	0	0	2009
6747	169	432.3	24940	0	0	0	0	0	0	0	0	0	1	0	0	2009
6784	168	502.0	15336	0	0	0	0	0	0	0	0	0	0	1	0	2009
6913	168	478.4	62539	0	0	0	0	0	0	0	0	0	0	1	0	2009
6738	168	466.4	19051	0	0	0	0	0	0	0	0	0	0	1	0	2009
6778	168	488.0	42994	0	0	0	0	0	0	0	0	0	0	1	0	2009
6845	168	518.6	38807	0	0	0	0	0	0	0	0	0	0	0	0	2009
6925	163	471.6	3487	0	0	0	0	0	0	0	0	0	0	0	0	2009
6942	168	480.2	60148	0	0	0	0	0	0	0	0	0	0	0	0	2009
6976	168	405.4	15201	0	0	0	0	0	0	0	0	0	0	0	0	2009
*1004	23	388.1	5075	1	0	0	0	0	0	0	0	0	0	0	0	2010
* 0	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	2010
* 0	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	2010
* 0	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	2010
* 0	0	0.0	0	0	1	0	0	0	0	0	0	0	0	0	0	2010
* 0	0	0.0	0	0	1	0	0	0	0	0	0	0	0	0	0	2010
* 0	0	0.0	0	0	1	0	0	0	0	0	0	0	0	0	0	2010
* 0	0	0.0	0	0	1	0	0	0	0	0	0	0	0	0	0	2010
* 0	0	0.0	0	0	0	1	0	0	0	0	0	0	0	0	0	2010
*10504	60	149.1	42461	0	0	1	0	0	0	0	0	0	0	0	5	2010
*5888	131	478.0	52708	0	0	1	0	0	0	0	0	0	0	0	1	2010
6814	165	489.2	41185	0	0	1	0	0	0	0	0	0	0	0	0	2010
6798	168	496.1	53021	0	0	1	0	0	0	0	0	0	0	0	0	2010
6820	168	498.2	23607	0	0	0	1	0	0	0	0	0	0	0	0	2010
*4969	103	464.1	19283	0	0	0	1	0	0	0	0	0	0	0	1	2010
6825	157	484.3	22180	0	0	0	1	0	0	0	0	0	0	0	0	2010
6751	157	390.3	50274	0	0	0	1	0	0	0	0	0	0	0	0	2010
7019	127	425.3	61347	0	0	0	0	1	0	0	0	0	0	0	0	2010
*6020	109	457.0	11065	0	0	0	0	1	0	0	0	0	0	0	1	2010
7058	129	436.5	3031	0	0	0	0	1	0	0	0	0	0	0	0	2010
*7757	115	410.8	52443	0	0	0	0	1	0	0	0	0	0	0	2	2010

Data Base for SMITH 3 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
6967	124	419.1	6380	0	0	0	0	1	0	0	0	0	0	0	0	2010
7087	116	439.3	6563	0	0	0	0	0	1	0	0	0	0	0	0	2010
*5949	138	451.4	27234	0	0	0	0	0	1	0	0	0	0	0	1	2010
6816	168	464.2	49283	0	0	0	0	0	1	0	0	0	0	0	0	2010
*5807	136	454.6	11622	0	0	0	0	0	1	0	0	0	0	0	0	2010
6994	129	424.1	42392	0	0	0	0	0	0	1	0	0	0	0	0	2010
7009	151	455.1	20765	0	0	0	0	0	0	1	0	0	0	0	0	2010
6880	160	453.7	64644	0	0	0	0	0	0	1	0	0	0	0	0	2010
7002	167	413.2	7710	0	0	0	0	0	0	1	0	0	0	0	0	2010
7014	162	460.3	1717	0	0	0	0	0	0	0	1	0	0	0	0	2010
7035	166	470.4	65159	0	0	0	0	0	0	0	1	0	0	0	0	2010
*9010	118	346.7	25532	0	0	0	0	0	0	0	1	0	0	0	2	2010
6945	168	475.6	42765	0	0	0	0	0	0	0	1	0	0	0	0	2010
6786	161	457.9	17140	0	0	0	0	0	0	0	1	0	0	0	0	2010
6934	146	460.2	18320	0	0	0	0	0	0	0	0	1	0	0	0	2010
6961	168	412.4	25141	0	0	0	0	0	0	0	0	1	0	0	0	2010
6988	168	406.9	51164	0	0	0	0	0	0	0	0	1	0	0	0	2010
6822	153	419.4	15999	0	0	0	0	0	0	0	0	1	0	0	0	2010
6715	168	403.1	14376	0	0	0	0	0	0	0	0	0	1	0	0	2010
6781	168	443.0	47171	0	0	0	0	0	0	0	0	0	1	0	0	2010
6865	168	453.1	61102	0	0	0	0	0	0	0	0	0	1	0	0	2010
6881	168	442.8	11439	0	0	0	0	0	0	0	0	0	1	0	0	2010
6672	168	494.4	28983	0	0	0	0	0	0	0	0	0	1	0	0	2010
6843	145	483.4	28236	0	0	0	0	0	0	0	0	0	0	1	0	2010
7378	22	395.5	56898	0	0	0	0	0	0	0	0	0	0	1	1	2010
6921	164	430.3	44020	0	0	0	0	0	0	0	0	0	0	1	0	2010
6903	168	407.2	44241	0	0	0	0	0	0	0	0	0	0	1	0	2010
6846	168	519.2	2480	0	0	0	0	0	0	0	0	0	0	0	0	2010
6850	168	492.1	30544	0	0	0	0	0	0	0	0	0	0	0	0	2010
6923	168	459.5	29856	0	0	0	0	0	0	0	0	0	0	0	0	2010
6996	168	523.0	23061	0	0	0	0	0	0	0	0	0	0	0	0	2010
6889	168	440.7	17868	1	0	0	0	0	0	0	0	0	0	0	0	2011
6793	168	526.2	35331	1	0	0	0	0	0	0	0	0	0	0	0	2011
6827	168	496.0	2337	1	0	0	0	0	0	0	0	0	0	0	0	2011
6935	168	520.5	54004	1	0	0	0	0	0	0	0	0	0	0	0	2011
6840	168	447.0	19672	0	1	0	0	0	0	0	0	0	0	0	0	2011
6837	168	515.4	8050	0	1	0	0	0	0	0	0	0	0	0	0	2011
6878	168	455.5	15692	0	1	0	0	0	0	0	0	0	0	0	0	2011
* 0	0	0.0	0	0	1	0	0	0	0	0	0	0	0	0	0	2011
*7894	86	414.4	23056	0	0	1	0	0	0	0	0	0	0	0	0	2011
6786	168	477.0	52356	0	0	1	0	0	0	0	0	0	0	0	0	2011
6892	167	411.1	28780	0	0	1	0	0	0	0	0	0	0	0	0	2011
6860	168	426.1	642	0	0	1	0	0	0	0	0	0	0	0	0	2011
6666	168	420.7	9187	0	0	1	0	0	0	0	0	0	0	0	0	2011
6887	168	411.5	21181	0	0	0	1	0	0	0	0	0	0	0	0	2011
7027	168	404.4	41713	0	0	0	1	0	0	0	0	0	0	0	0	2011
7047	168	346.1	46738	0	0	0	1	0	0	0	0	0	0	0	0	2011

Data Base for SMITH 3 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
6698	168	344.0	60823	0	0	0	1	0	0	0	0	0	0	0	0	2011
6781	168	450.8	42327	0	0	0	0	1	0	0	0	0	0	0	0	2011
6777	168	430.4	30100	0	0	0	0	1	0	0	0	0	0	0	0	2011
7079	129	367.7	49671	0	0	0	0	1	0	0	0	0	0	0	1	2011
6792	168	419.3	46819	0	0	0	0	1	0	0	0	0	0	0	0	2011
6817	168	450.5	285	0	0	0	0	1	0	0	0	0	0	0	0	2011
6942	168	457.8	18779	0	0	0	0	0	1	0	0	0	0	0	0	2011
6894	168	429.1	35422	0	0	0	0	0	1	0	0	0	0	0	0	2011
6860	168	450.5	49311	0	0	0	0	0	1	0	0	0	0	0	0	2011
6778	144	433.0	3349	0	0	0	0	0	1	0	0	0	0	0	0	2011
6945	168	444.4	1915	0	0	0	0	0	0	1	0	0	0	0	0	2011
6837	168	499.0	62993	0	0	0	0	0	0	1	0	0	0	0	0	2011
6857	168	459.4	16674	0	0	0	0	0	0	1	0	0	0	0	0	2011
6811	168	485.5	49275	0	0	0	0	0	0	1	0	0	0	0	0	2011
6865	168	492.4	61514	0	0	0	0	0	0	0	1	0	0	0	0	2011
7008	168	465.0	12219	0	0	0	0	0	0	0	1	0	0	0	0	2011
6918	168	469.7	53273	0	0	0	0	0	0	0	1	0	0	0	0	2011
6871	168	490.7	37614	0	0	0	0	0	0	0	1	0	0	0	0	2011
6895	168	466.4	1704	0	0	0	0	0	0	0	1	0	0	0	0	2011
6926	168	430.1	24305	0	0	0	0	0	0	0	0	1	0	0	0	2011
6915	168	437.7	47762	0	0	0	0	0	0	0	0	1	0	0	0	2011
6814	168	451.8	48290	0	0	0	0	0	0	0	0	1	0	0	0	2011
6769	168	500.4	37722	0	0	0	0	0	0	0	0	1	0	0	0	2011
6766	168	475.5	22642	0	0	0	0	0	0	0	0	0	1	0	0	2011
6933	168	445.8	45159	0	0	0	0	0	0	0	0	0	1	0	0	2011
6758	168	497.0	41352	0	0	0	0	0	0	0	0	0	1	0	0	2011
6532	168	506.1	44798	0	0	0	0	0	0	0	0	0	1	0	0	2011
6631	168	548.4	35588	0	0	0	0	0	0	0	0	0	1	0	0	2011
6850	154	522.9	64940	0	0	0	0	0	0	0	0	0	0	1	0	2011
6845	168	500.0	41087	0	0	0	0	0	0	0	0	0	0	1	0	2011
6656	168	489.8	35771	0	0	0	0	0	0	0	0	0	0	1	0	2011
6713	168	531.1	13455	0	0	0	0	0	0	0	0	0	0	1	0	2011
6781	168	544.4	15283	0	0	0	0	0	0	0	0	0	0	0	0	2011
6700	71	550.0	8616	0	0	0	0	0	0	0	0	0	0	0	0	2011
7516	104	472.9	4855	0	0	0	0	0	0	0	0	0	0	0	1	2011
6714	168	505.5	40381	0	0	0	0	0	0	0	0	0	0	0	0	2011
*7604	168	465.8	31939	1	0	0	0	0	0	0	0	0	0	0	0	2012
6685	168	497.8	6298	1	0	0	0	0	0	0	0	0	0	0	0	2012
*6048	168	519.2	34842	1	0	0	0	0	0	0	0	0	0	0	0	2012
6793	168	466.0	62392	1	0	0	0	0	0	0	0	0	0	0	0	2012
6783	168	499.1	51721	0	1	0	0	0	0	0	0	0	0	0	0	2012
6733	168	520.5	22113	0	1	0	0	0	0	0	0	0	0	0	0	2012
6671	168	528.5	21726	0	1	0	0	0	0	0	0	0	0	0	0	2012
6626	168	519.8	44818	0	1	0	0	0	0	0	0	0	0	0	0	2012
7078	168	482.9	57077	0	0	1	0	0	0	0	0	0	0	0	0	2012
6784	168	482.7	57059	0	0	1	0	0	0	0	0	0	0	0	0	2012
6918	167	491.5	12360	0	0	1	0	0	0	0	0	0	0	0	0	2012

Data Base for SMITH 3 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
6938	164	425.5	28542	0	0	1	0	0	0	0	0	0	0	0	0	2012
6715	168	482.6	25310	0	0	1	0	0	0	0	0	0	0	0	0	2012
6948	168	449.5	9587	0	0	0	1	0	0	0	0	0	0	0	0	2012
6951	168	462.2	21801	0	0	0	1	0	0	0	0	0	0	0	0	2012
6986	144	427.1	64738	0	0	0	1	0	0	0	0	0	0	0	0	2012
8143	11	241.8	21314	0	0	0	1	0	0	0	0	0	0	0	1	2012
6939	168	468.5	38650	0	0	0	0	1	0	0	0	0	0	0	0	2012
7090	147	390.4	61826	0	0	0	0	1	0	0	0	0	0	0	0	2012
6985	168	442.8	52950	0	0	0	0	1	0	0	0	0	0	0	0	2012
6956	168	406.1	10891	0	0	0	0	1	0	0	0	0	0	0	0	2012
6860	168	418.5	49594	0	0	0	0	1	0	0	0	0	0	0	0	2012
7026	168	398.3	27527	0	0	0	0	0	1	0	0	0	0	0	0	2012
7029	168	437.0	2053	0	0	0	0	0	1	0	0	0	0	0	0	2012
6979	168	453.1	38608	0	0	0	0	0	1	0	0	0	0	0	0	2012
6792	168	453.8	7471	0	0	0	0	0	1	0	0	0	0	0	0	2012

Data Base for SMITH 3 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^2.
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 DANIEL 1 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
10797	166	356.2	16015	0	0	0	0	0	0	1	0	0	0	0	0	2009
10711	168	364.3	18616	0	0	0	0	0	0	1	0	0	0	0	0	2009
10865	168	339.7	3603	0	0	0	0	0	0	1	0	0	0	0	0	2009
10686	168	352.7	10388	0	0	0	0	0	0	1	0	0	0	0	0	2009
10276	168	387.2	33043	0	0	0	0	0	0	0	1	0	0	0	0	2009
10211	168	382.9	33192	0	0	0	0	0	0	0	1	0	0	0	0	2009
10213	168	376.6	27677	0	0	0	0	0	0	0	1	0	0	0	0	2009
10276	168	371.0	20792	0	0	0	0	0	0	0	1	0	0	0	0	2009
10175	168	373.8	27760	0	0	0	0	0	0	0	1	0	0	0	0	2009
10387	168	373.3	26215	0	0	0	0	0	0	0	0	1	0	0	0	2009
9890	168	384.8	31543	0	0	0	0	0	0	0	0	1	0	0	0	2009
9274	168	385.5	33003	0	0	0	0	0	0	0	0	1	0	0	0	2009
10331	168	371.8	24900	0	0	0	0	0	0	0	0	1	0	0	0	2009
10011	168	395.9	39856	0	0	0	0	0	0	0	0	0	1	0	0	2009
10238	168	395.9	40359	0	0	0	0	0	0	0	0	0	1	0	0	2009
9752	144	396.9	41608	0	0	0	0	0	0	0	0	0	1	0	1	2009
10456	168	421.8	55966	0	0	0	0	0	0	0	0	0	1	0	0	2009
10189	169	391.8	38749	0	0	0	0	0	0	0	0	0	1	0	0	2009
10508	162	397.0	42268	0	0	0	0	0	0	0	0	0	0	1	0	2009
10561	168	388.1	37490	0	0	0	0	0	0	0	0	0	0	1	0	2009
10599	168	382.6	35258	0	0	0	0	0	0	0	0	0	0	1	0	2009
10543	168	391.6	38904	0	0	0	0	0	0	0	0	0	0	1	0	2009
11165	23	350.3	11070	0	0	0	0	0	0	0	0	0	0	0	0	2009
10873	68	309.3	40711	0	0	0	0	0	0	0	0	0	0	0	1	2009
10682	168	316.1	43462	0	0	0	0	0	0	0	0	0	0	0	0	2009
10929	24	337.0	53446	0	0	0	0	0	0	0	0	0	0	0	0	2009
10459	168	428.9	62227	1	0	0	0	0	0	0	0	0	0	0	0	2010
10350	168	423.1	57112	1	0	0	0	0	0	0	0	0	0	0	0	2010
10822	143	303.2	39153	1	0	0	0	0	0	0	0	0	0	0	1	2010
10867	168	327.6	54519	1	0	0	0	0	0	0	0	0	0	0	0	2010
11253	168	217.1	55102	0	1	0	0	0	0	0	0	0	0	0	0	2010
11201	168	203.9	45463	0	1	0	0	0	0	0	0	0	0	0	0	2010
10981	168	228.4	58171	0	1	0	0	0	0	0	0	0	0	0	0	2010
10255	21	318.6	58496	0	1	0	0	0	0	0	0	0	0	0	0	2010
*35308	6	58.7	5220	0	0	0	1	0	0	0	0	0	0	0	1	2010
11708	112	308.9	54416	0	0	0	1	0	0	0	0	0	0	0	1	2010
9731	168	340.7	6172	0	0	0	0	1	0	0	0	0	0	0	0	2010
9858	168	353.8	19712	0	0	0	0	1	0	0	0	0	0	0	0	2010
10038	168	348.8	11194	0	0	0	0	1	0	0	0	0	0	0	0	2010
10075	168	327.5	62376	0	0	0	0	1	0	0	0	0	0	0	0	2010
10048	168	360.6	22435	0	0	0	0	1	0	0	0	0	0	0	0	2010
10127	168	369.6	24828	0	0	0	0	0	1	0	0	0	0	0	0	2010
10203	168	391.0	41566	0	0	0	0	0	1	0	0	0	0	0	0	2010
10078	168	377.9	28477	0	0	0	0	0	1	0	0	0	0	0	0	2010
10170	144	396.6	41285	0	0	0	0	0	1	0	0	0	0	0	0	2010
10164	168	384.5	33433	0	0	0	0	0	0	1	0	0	0	0	0	2010
10203	168	382.8	31987	0	0	0	0	0	0	1	0	0	0	0	0	2010

Data Base for DANIEL 1 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
10120	166	356.0	17454	0	0	0	0	0	0	1	0	0	0	0	0	2010
10071	168	392.3	37712	0	0	0	0	0	0	1	0	0	0	0	0	2010
9990	168	399.7	43136	0	0	0	0	0	0	0	1	0	0	0	0	2010
10037	168	389.5	36525	0	0	0	0	0	0	0	1	0	0	0	0	2010
10063	168	380.8	30816	0	0	0	0	0	0	0	1	0	0	0	0	2010
10691	168	381.8	33620	0	0	0	0	0	0	0	1	0	0	0	0	2010
9978	168	385.9	35763	0	0	0	0	0	0	0	1	0	0	0	0	2010
10007	168	378.9	31336	0	0	0	0	0	0	0	0	1	0	0	0	2010
9836	168	404.4	46992	0	0	0	0	0	0	0	0	1	0	0	0	2010
9828	168	383.5	32342	0	0	0	0	0	0	0	0	1	0	0	0	2010
9641	168	380.6	32203	0	0	0	0	0	0	0	0	1	0	0	0	2010
10380	168	367.5	25015	0	0	0	0	0	0	0	0	0	1	0	0	2010
10641	94	354.1	17321	0	0	0	0	0	0	0	0	0	1	0	1	2010
10057	168	375.2	29337	0	0	0	0	0	0	0	0	0	1	0	0	2010
10050	151	377.6	30547	0	0	0	0	0	0	0	0	0	1	0	0	2010
10288	165	359.0	17683	0	0	0	0	0	0	0	0	0	1	0	0	2010
10027	169	403.8	46268	0	0	0	0	0	0	0	0	0	0	1	0	2010
10075	168	396.7	43210	0	0	0	0	0	0	0	0	0	0	1	0	2010
9999	168	382.4	33788	0	0	0	0	0	0	0	0	0	0	1	0	2010
10129	168	365.2	20885	0	0	0	0	0	0	0	0	0	0	1	0	2010
9967	168	353.2	11208	0	0	0	0	0	0	0	0	0	0	0	0	2010
10053	33	445.7	13952	0	0	0	0	0	0	0	0	0	0	0	0	2010
9977	160	374.9	28370	0	0	0	0	0	0	0	0	0	0	0	1	2010
9918	161	401.2	44106	0	0	0	0	0	0	0	0	0	0	0	0	2010
9944	24	389.8	38523	0	0	0	0	0	0	0	0	0	0	0	0	2010
10319	167	355.2	11368	1	0	0	0	0	0	0	0	0	0	0	0	2011
9933	121	446.2	12238	1	0	0	0	0	0	0	0	0	0	0	1	2011
10014	168	443.2	7881	1	0	0	0	0	0	0	0	0	0	0	0	2011
10216	168	316.2	42843	1	0	0	0	0	0	0	0	0	0	0	0	2011
9986	168	330.8	59199	0	1	0	0	0	0	0	0	0	0	0	0	2011
10732	168	223.8	53374	0	1	0	0	0	0	0	0	0	0	0	0	2011
11045	168	201.7	43404	0	1	0	0	0	0	0	0	0	0	0	0	2011
12601	23	214.3	57161	0	0	1	0	0	0	0	0	0	0	0	2	2011
11773	74	191.6	40980	0	0	1	0	0	0	0	0	0	0	0	1	2011
11740	167	188.7	37014	0	0	1	0	0	0	0	0	0	0	0	0	2011
10757	168	290.8	35772	0	0	1	0	0	0	0	0	0	0	0	0	2011
10353	168	400.0	45266	0	0	1	0	0	0	0	0	0	0	0	0	2011
9898	168	392.0	40417	0	0	0	1	0	0	0	0	0	0	0	0	2011
9856	168	389.3	39235	0	0	0	1	0	0	0	0	0	0	0	0	2011
9874	168	402.1	47424	0	0	0	1	0	0	0	0	0	0	0	0	2011
10168	167	369.9	25391	0	0	0	1	0	0	0	0	0	0	0	0	2011
11425	85	214.4	48364	0	0	0	0	1	0	0	0	0	0	0	1	2011
10589	168	291.6	32568	0	0	0	0	1	0	0	0	0	0	0	0	2011
11146	168	219.8	57689	0	0	0	0	1	0	0	0	0	0	0	0	2011
10738	168	261.5	12855	0	0	0	0	1	0	0	0	0	0	0	0	2011
10514	168	311.1	46245	0	0	0	0	1	0	0	0	0	0	0	0	2011
10447	168	308.6	43974	0	0	0	0	0	1	0	0	0	0	0	0	2011

Data Base for DANIEL 1 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
10505	168	306.5	44496	0	0	0	0	0	1	0	0	0	0	0	0	2011
10504	168	288.0	29514	0	0	0	0	0	1	0	0	0	0	0	0	2011
10564	144	284.9	28598	0	0	0	0	0	1	0	0	0	0	0	0	2011
10536	168	279.5	24380	0	0	0	0	0	0	1	0	0	0	0	0	2011
10471	168	296.5	32491	0	0	0	0	0	0	1	0	0	0	0	0	2011
10788	168	260.0	9619	0	0	0	0	0	0	1	0	0	0	0	0	2011
10975	168	251.6	3491	0	0	0	0	0	0	1	0	0	0	0	0	2011
10543	168	284.9	26577	0	0	0	0	0	0	0	1	0	0	0	0	2011
10181	162	317.2	51808	0	0	0	0	0	0	0	1	0	0	0	0	2011
10163	168	307.2	43120	0	0	0	0	0	0	0	1	0	0	0	0	2011
10155	168	317.5	49564	0	0	0	0	0	0	0	1	0	0	0	0	2011
10552	90	275.8	27311	0	0	0	0	0	0	0	1	0	0	0	0	2011
11811	88	235.6	63632	0	0	0	0	0	0	0	0	0	0	1	1	2011
10285	98	278.5	13395	0	0	0	0	0	0	0	0	0	0	0	0	2011
13154	9	191.8	64686	0	0	0	0	0	0	0	0	0	0	0	1	2011
10089	77	370.8	13702	1	0	0	0	0	0	0	0	0	0	0	1	2012
10808	39	319.3	57445	1	0	0	0	0	0	0	0	0	0	0	1	2012
9909	99	323.1	61202	0	0	1	0	0	0	0	0	0	0	0	1	2012
*19948	7	151.0	27381	0	0	0	0	1	0	0	0	0	0	0	1	2012
10473	102	346.0	16264	0	0	0	0	1	0	0	0	0	0	0	0	2012
11272	39	286.8	39764	0	0	0	0	1	0	0	0	0	0	0	1	2012
11301	168	240.3	3726	0	0	0	0	1	0	0	0	0	0	0	0	2012
11298	72	178.0	31764	0	0	0	0	0	1	0	0	0	0	0	0	2012
9983	94	359.6	19759	0	0	0	0	0	1	0	0	0	0	0	1	2012
9742	168	371.5	27368	0	0	0	0	0	1	0	0	0	0	0	0	2012

Data Base for DANIEL 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^2.
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 DANIEL 2 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
10249	168	373.4	26057	0	0	0	0	0	0	1	0	0	0	0	0	2009
10035	168	399.6	41017	0	0	0	0	0	0	1	0	0	0	0	0	2009
10325	168	352.7	11686	0	0	0	0	0	0	1	0	0	0	0	0	2009
10040	168	359.6	14282	0	0	0	0	0	0	1	0	0	0	0	0	2009
10239	125	364.2	17721	0	0	0	0	0	0	0	1	0	0	0	1	2009
10054	168	394.1	41610	0	0	0	0	0	0	0	1	0	0	0	0	2009
9995	168	389.2	35420	0	0	0	0	0	0	0	1	0	0	0	0	2009
10159	168	378.1	26915	0	0	0	0	0	0	0	1	0	0	0	0	2009
10293	168	344.1	6747	0	0	0	0	0	0	0	1	0	0	0	0	2009
10143	168	342.6	3894	0	0	0	0	0	0	0	0	1	0	0	0	2009
10257	168	357.1	9760	0	0	0	0	0	0	0	0	1	0	0	0	2009
10162	168	379.3	27442	0	0	0	0	0	0	0	0	1	0	0	0	2009
10132	168	375.1	27354	0	0	0	0	0	0	0	0	1	0	0	0	2009
9927	168	399.1	44176	0	0	0	0	0	0	0	0	0	1	0	0	2009
10187	168	404.6	46992	0	0	0	0	0	0	0	0	0	1	0	0	2009
10057	168	403.3	47150	0	0	0	0	0	0	0	0	0	1	0	0	2009
9957	168	425.9	61698	0	0	0	0	0	0	0	0	0	1	0	0	2009
9985	169	398.7	44406	0	0	0	0	0	0	0	0	0	1	0	0	2009
10389	65	373.2	28317	0	0	0	0	0	0	0	0	0	0	1	1	2009
10233	168	377.5	32087	0	0	0	0	0	0	0	0	0	0	1	0	2009
10127	168	385.4	37210	0	0	0	0	0	0	0	0	0	0	1	0	2009
10340	138	373.5	27194	0	0	0	0	0	0	0	0	0	0	1	1	2009
11245	168	264.2	15626	0	0	0	0	0	0	0	0	0	0	0	0	2009
11282	168	351.9	4951	0	0	0	0	0	0	0	0	0	0	0	0	2009
10902	168	352.9	2277	0	0	0	0	0	0	0	0	0	0	0	0	2009
11164	168	317.3	44151	0	0	0	0	0	0	0	0	0	0	0	0	2009
10807	24	351.2	62605	0	0	0	0	0	0	0	0	0	0	0	0	2009
10066	168	410.5	44984	1	0	0	0	0	0	0	0	0	0	0	0	2010
10135	168	433.0	60798	1	0	0	0	0	0	0	0	0	0	0	0	2010
10462	168	319.4	45023	1	0	0	0	0	0	0	0	0	0	0	0	2010
10464	168	334.5	55989	1	0	0	0	0	0	0	0	0	0	0	0	2010
10698	168	217.5	50274	0	1	0	0	0	0	0	0	0	0	0	0	2010
10703	168	221.2	52076	0	1	0	0	0	0	0	0	0	0	0	0	2010
10667	168	243.3	63799	0	1	0	0	0	0	0	0	0	0	0	0	2010
10969	168	221.3	53230	0	1	0	0	0	0	0	0	0	0	0	0	2010
10689	22	200.9	41188	0	0	1	0	0	0	0	0	0	0	0	0	2010
11382	87	218.2	55196	0	0	1	0	0	0	0	0	0	0	0	1	2010
11123	168	224.6	55290	0	0	1	0	0	0	0	0	0	0	0	0	2010
11375	168	192.6	37664	0	0	1	0	0	0	0	0	0	0	0	0	2010
10830	168	231.5	63275	0	0	0	1	0	0	0	0	0	0	0	0	2010
11220	168	196.8	39800	0	0	0	1	0	0	0	0	0	0	0	0	2010
11241	168	198.4	40571	0	0	0	1	0	0	0	0	0	0	0	0	2010
11326	118	201.8	41935	0	0	0	1	0	0	0	0	0	0	0	0	2010
10616	88	358.1	20268	0	0	0	0	1	0	0	0	0	0	0	1	2010
10369	168	340.5	1918	0	0	0	0	1	0	0	0	0	0	0	0	2010
10377	168	376.0	27430	0	0	0	0	1	0	0	0	0	0	0	0	2010
10377	168	372.8	27356	0	0	0	0	1	0	0	0	0	0	0	0	2010

Data Base for DANIEL 2 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
10400	168	374.6	28275	0	0	0	0	1	0	0	0	0	0	0	0	2010
10293	168	376.9	28378	0	0	0	0	0	1	0	0	0	0	0	0	2010
10247	168	387.7	36943	0	0	0	0	0	1	0	0	0	0	0	0	2010
10161	168	363.1	18678	0	0	0	0	0	1	0	0	0	0	0	0	2010
10206	93	379.0	33465	0	0	0	0	0	1	0	0	0	0	0	1	2010
10289	168	373.9	28070	0	0	0	0	0	0	1	0	0	0	0	0	2010
10399	168	379.9	30587	0	0	0	0	0	0	1	0	0	0	0	0	2010
10185	168	369.1	25082	0	0	0	0	0	0	1	0	0	0	0	0	2010
10342	168	377.3	29038	0	0	0	0	0	0	1	0	0	0	0	0	2010
10304	166	372.9	25809	0	0	0	0	0	0	0	1	0	0	0	0	2010
10352	168	380.6	31347	0	0	0	0	0	0	0	1	0	0	0	0	2010
10438	168	358.5	15857	0	0	0	0	0	0	0	1	0	0	0	0	2010
10386	168	361.8	19784	0	0	0	0	0	0	0	1	0	0	0	0	2010
10310	168	382.4	33868	0	0	0	0	0	0	0	1	0	0	0	0	2010
10318	168	369.2	25449	0	0	0	0	0	0	0	0	1	0	0	0	2010
10342	168	390.5	38642	0	0	0	0	0	0	0	0	1	0	0	0	2010
10130	168	383.2	33514	0	0	0	0	0	0	0	0	1	0	0	0	2010
10174	168	373.1	26772	0	0	0	0	0	0	0	0	1	0	0	0	2010
10383	168	366.0	24505	0	0	0	0	0	0	0	0	0	1	0	0	2010
10243	168	381.7	36262	0	0	0	0	0	0	0	0	0	1	0	0	2010
10219	168	371.9	27181	0	0	0	0	0	0	0	0	0	1	0	0	2010
9955	168	386.1	35847	0	0	0	0	0	0	0	0	0	1	0	0	2010
10538	168	309.9	48984	0	0	0	0	0	0	0	0	0	1	0	0	2010
10803	169	235.0	60387	0	0	0	0	0	0	0	0	0	0	1	0	2010
10979	168	219.4	53323	0	0	0	0	0	0	0	0	0	0	1	0	2010
11280	168	188.6	37485	0	0	0	0	0	0	0	0	0	0	1	0	2010
10831	168	205.1	49207	0	0	0	0	0	0	0	0	0	0	1	0	2010
10395	168	263.0	11026	0	0	0	0	0	0	0	0	0	0	0	0	2010
10345	168	360.8	16174	0	0	0	0	0	0	0	0	0	0	0	0	2010
10469	168	252.7	9173	0	0	0	0	0	0	0	0	0	0	0	0	2010
10426	168	282.9	24157	0	0	0	0	0	0	0	0	0	0	0	0	2010
11495	24	182.5	33335	0	0	0	0	0	0	0	0	0	0	0	0	2010
11317	83	291.0	43817	0	0	1	0	0	0	0	0	0	0	0	4	2011
10742	167	198.9	42984	0	0	1	0	0	0	0	0	0	0	0	0	2011
10736	146	223.0	53419	0	0	1	0	0	0	0	0	0	0	0	0	2011
10875	114	298.7	43598	0	0	0	0	1	0	0	0	0	0	0	1	2011
11460	168	213.4	52669	0	0	0	0	1	0	0	0	0	0	0	0	2011
10568	168	294.3	32119	0	0	0	0	1	0	0	0	0	0	0	0	2011
10589	168	329.2	59494	0	0	0	0	1	0	0	0	0	0	0	0	2011
10350	168	313.9	49159	0	0	0	0	0	1	0	0	0	0	0	0	2011
10369	168	312.6	46717	0	0	0	0	0	1	0	0	0	0	0	0	2011
10522	168	292.3	32424	0	0	0	0	0	1	0	0	0	0	0	0	2011
10420	144	280.6	24396	0	0	0	0	0	1	0	0	0	0	0	0	2011
10359	168	263.8	15916	0	0	0	0	0	0	1	0	0	0	0	0	2011
10386	168	287.4	25663	0	0	0	0	0	0	1	0	0	0	0	0	2011
10746	163	245.2	1050	0	0	0	0	0	0	1	0	0	0	0	0	2011
10509	168	253.9	4412	0	0	0	0	0	0	1	0	0	0	0	0	2011

Data Base for DANIEL 2 Target Heat Rate Equation

HR	HOUR	AMW	LSRF	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	NS	YEAR
10497	168	287.0	27335	0	0	0	0	0	0	0	1	0	0	0	0	2011
10392	168	308.2	43943	0	0	0	0	0	0	0	1	0	0	0	0	2011
10480	168	292.0	34554	0	0	0	0	0	0	0	1	0	0	0	0	2011
10438	168	305.7	41751	0	0	0	0	0	0	0	1	0	0	0	0	2011
10335	168	298.8	37188	0	0	0	0	0	0	0	1	0	0	0	0	2011
11300	141	209.5	48123	0	0	0	0	0	0	0	0	1	0	0	0	2011
10581	128	332.8	61399	0	0	0	0	0	0	0	0	0	0	0	1	2011
10466	168	276.9	24740	0	0	0	0	0	0	0	0	0	0	0	0	2011
10291	168	288.5	32439	0	0	0	0	0	0	0	0	0	0	0	0	2011
10209	168	373.5	22623	0	0	0	0	0	0	0	0	0	0	0	0	2011
9954	24	329.7	57202	0	0	0	0	0	0	0	0	0	0	0	0	2011
9753	168	374.7	28172	1	0	0	0	0	0	0	0	0	0	0	0	2012
10043	155	299.1	41787	1	0	0	0	0	0	0	0	0	0	0	0	2012
10269	43	374.2	32174	0	0	1	0	0	0	0	0	0	0	0	1	2012
10278	167	389.8	38272	0	0	1	0	0	0	0	0	0	0	0	0	2012
10362	165	359.6	20090	0	0	1	0	0	0	0	0	0	0	0	0	2012
10302	168	376.9	30879	0	0	1	0	0	0	0	0	0	0	0	0	2012
10043	168	371.4	27241	0	0	0	1	0	0	0	0	0	0	0	0	2012
10082	167	379.4	33065	0	0	0	1	0	0	0	0	0	0	0	0	2012
9927	168	387.2	37964	0	0	0	1	0	0	0	0	0	0	0	0	2012
9925	168	393.1	41524	0	0	0	1	0	0	0	0	0	0	0	0	2012
10524	168	277.0	27644	0	0	0	0	1	0	0	0	0	0	0	0	2012
11546	97	198.2	41410	0	0	0	0	1	0	0	0	0	0	0	0	2012
10654	93	262.7	18639	0	0	0	0	1	0	0	0	0	0	0	1	2012
10670	168	237.6	65490	0	0	0	0	1	0	0	0	0	0	0	0	2012
10562	145	180.2	32662	0	0	0	0	0	1	0	0	0	0	0	0	2012
10347	45	262.8	13552	0	0	0	0	0	1	0	0	0	0	0	1	2012

Data Base for DANIEL 2 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^2.
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 2013 - December 2013

Unit	Month	(1) Forecast AKW * 10^3	(2) Forecast LSRF * 10^6	(3) Forecast Monthly ANOHR	(4) Forecast AKWH * 10^3 Generation	(5) Weighted ANOHR Target
CRIST 6	Jan '13	123.9	15,692	12,183	27,998	
	Feb '13	126.2	16,469	12,117	9,087	
	Mar '13	125.5	16,232	12,137	62,754	
	Apr '13	124.5	15,895	12,166	26,359	
	May '13	125.3	16,165	11,888	65,021	
	Jun '13	126.9	16,706	12,098	30,585	
	Jul '13	127.3	16,842	12,633	51,424	
	Aug '13	129.7	17,660	12,240	32,024	
	Sep '13	124.7	15,962	12,160	18,452	
	Oct '13	124.3	15,827	12,683	46,443	
	Nov '13	0.0	0	-	0	
	Dec '13	117.9	13,689	12,372	1,886	12,243
CRIST 7	Jan '13	257.8	69,924	11,404	162,173	
	Feb '13	256.7	69,316	11,417	157,359	
	Mar '13	258.6	70,367	11,394	102,395	
	Apr '13	259.1	70,645	11,654	165,311	
	May '13	269.0	76,244	11,280	62,669	
	Jun '13	301.2	95,742	10,791	173,175	
	Jul '13	328.3	113,678	10,820	212,416	
	Aug '13	338.0	120,438	10,769	238,269	
	Sep '13	296.1	92,522	11,034	180,323	
	Oct '13	274.9	79,669	11,220	85,757	
	Nov '13	256.3	69,095	11,421	160,499	
	Dec '13	257.7	69,868	11,405	185,037	11,178

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.

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

Calculation of
Target Average Net Operating Heat Rates
for January 2013 - December 2013

Unit	Month	(1) Forecast AKW * 10^3	(2) Forecast LSRF * 10^6	(3) Forecast Monthly ANOHR	(4) Forecast AKWH * 10^3 Generation	(5) Weighted ANOHR Target
SMITH 3	Jan '13	543.4	6,705,732	6,820	401,338	
	Feb '13	535.7	6,578,314	6,826	357,451	
	Mar '13	528.6	6,458,845	6,831	264,286	
	Apr '13	517.1	6,261,310	6,842	283,393	
	May '13	508.9	6,117,415	6,849	375,891	
	Jun '13	492.7	5,825,688	6,865	352,223	
	Jul '13	494.8	5,864,062	6,863	365,529	
	Aug '13	496.4	5,893,188	6,862	366,710	
	Sep '13	490.2	5,779,787	6,868	350,395	
	Oct '13	508.5	6,110,331	6,765	375,619	
	Nov '13	492.2	5,816,526	6,866	293,854	
	Dec '13	497.2	5,907,715	6,861	272,483	6,842

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.

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

Calculation of
Target Average Net Operating Heat Rates
for January 2013 - December 2013

Unit	Month	(1) Forecast AKW * 10^3	(2) Forecast LSRF * 10^6	(3) Forecast BTU/LB	(4) Forecast Monthly ANOHR	(5) Forecast AKWH * 10^3 Generation	(6) Weighted ANOHR Target
DANIEL 1	Jan '13	245.4	71,280	-	11,129	97,833	
	Feb '13	205.0	47,534	-	11,283	15,395	
	Mar '13	303.1	107,742	-	10,470	41,784	
	Apr '13	315.7	116,103	-	10,402	43,594	
	May '13	332.3	127,336	-	10,321	62,319	
	Jun '13	264.5	83,018	-	10,718	102,572	
	Jul '13	290.2	99,330	-	10,771	187,119	
	Aug '13	302.3	107,216	-	10,475	195,897	
	Sep '13	293.3	101,338	-	10,238	163,747	
	Oct '13	272.9	88,284	-	10,658	63,882	
	Nov '13	381.0	161,723	-	10,362	27,164	
	Dec '13	264.0	82,707	-	10,722	22,685	10,591
DANIEL 2	Jan '13	229.8	59,974	-	10,544	59,370	
	Feb '13	307.6	110,396	-	10,479	55,780	
	Mar '13	105.3	(9,632)	-	12,030	6,092	
	Apr '13	363.8	150,133	-	10,269	4,744	
	May '13	0.0	0	-	-	0	
	Jun '13	238.6	65,410	-	10,631	94,733	
	Jul '13	274.1	88,032	-	10,621	84,854	
	Aug '13	286.6	96,261	-	10,566	171,991	
	Sep '13	280.4	92,162	-	10,593	97,267	
	Oct '13	256.8	76,869	-	10,702	39,820	
	Nov '13	333.4	128,293	-	10,379	28,341	
	Dec '13	214.1	50,445	-	10,932	44,375	10,611

NOTE: Column (4) monthly ANOHR's are determined using the values from columns (1), (2), and (3) in the target ANOHR equation on Page 2 of Schedule 1.

Column (6) = $(\Sigma ((3) * (4))) / (\Sigma (4))$

Summary of Target, Maximum, and Minimum
Average Net Operating Heat Rates
for January 2013 - December 2013

Unit	Target Heat Rate BTU/KWH (0 Points)	Minimum Attainable Heat Rate (+ 10 Points)	Maximum Attainable Heat Rate (- 10 Points)
CRIST 6	12,243	11,876	12,610
CRIST 7	11,178	10,843	11,513
SMITH 3	6,842	6,637	7,047
DANIEL 1	10,591	10,273	10,909
DANIEL 2	10,611	10,293	10,929

II. DETERMINATION OF EQUIVALENT AVAILABILITY TARGETS

Calculation of
Target Equivalent Availabilities
for January 2013 - December 2013

Unit	5 Year Historical Average of Equivalent Unplanned Outage Rate, EUOR *	Planned Outage Hours for Jan '13 - Dec '13	Reserve Shutdown Hours for Jan '13 - Dec '13	Target Equivalent Availability **
Crist 6	0.0779	1,393	4,163	81.2
Crist 7	0.0695	0	1,539	94.0
Smith 3	0.0254	576	0	91.1
Daniel 1	0.1103	0	4,733	94.7
Daniel 2	0.0686	0	5,901	97.1

* For Period July 2007 through June 2012

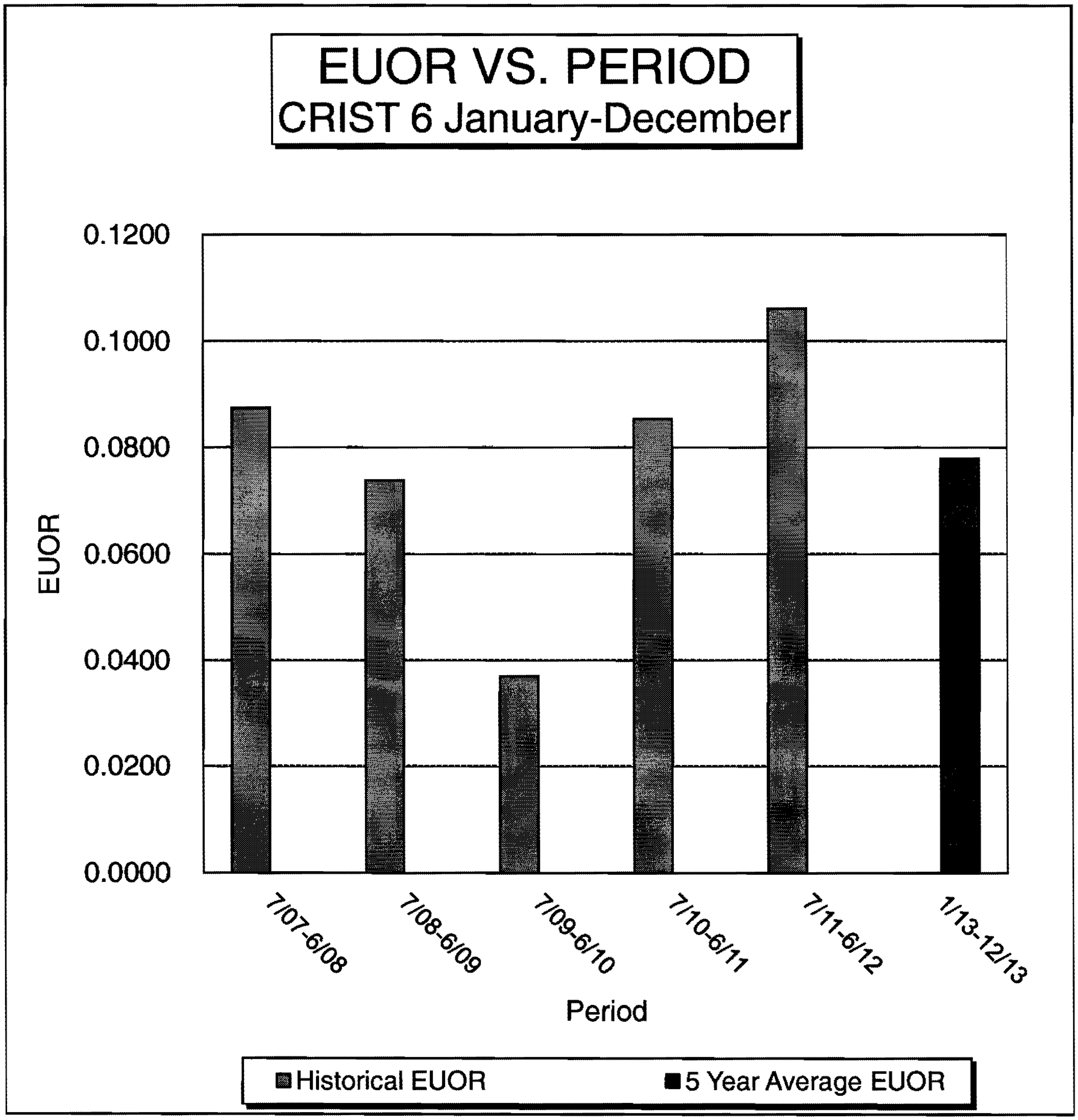
** EA = [1 - (POH + EUOR * (PH - POH - RSH)) / PH] * 100

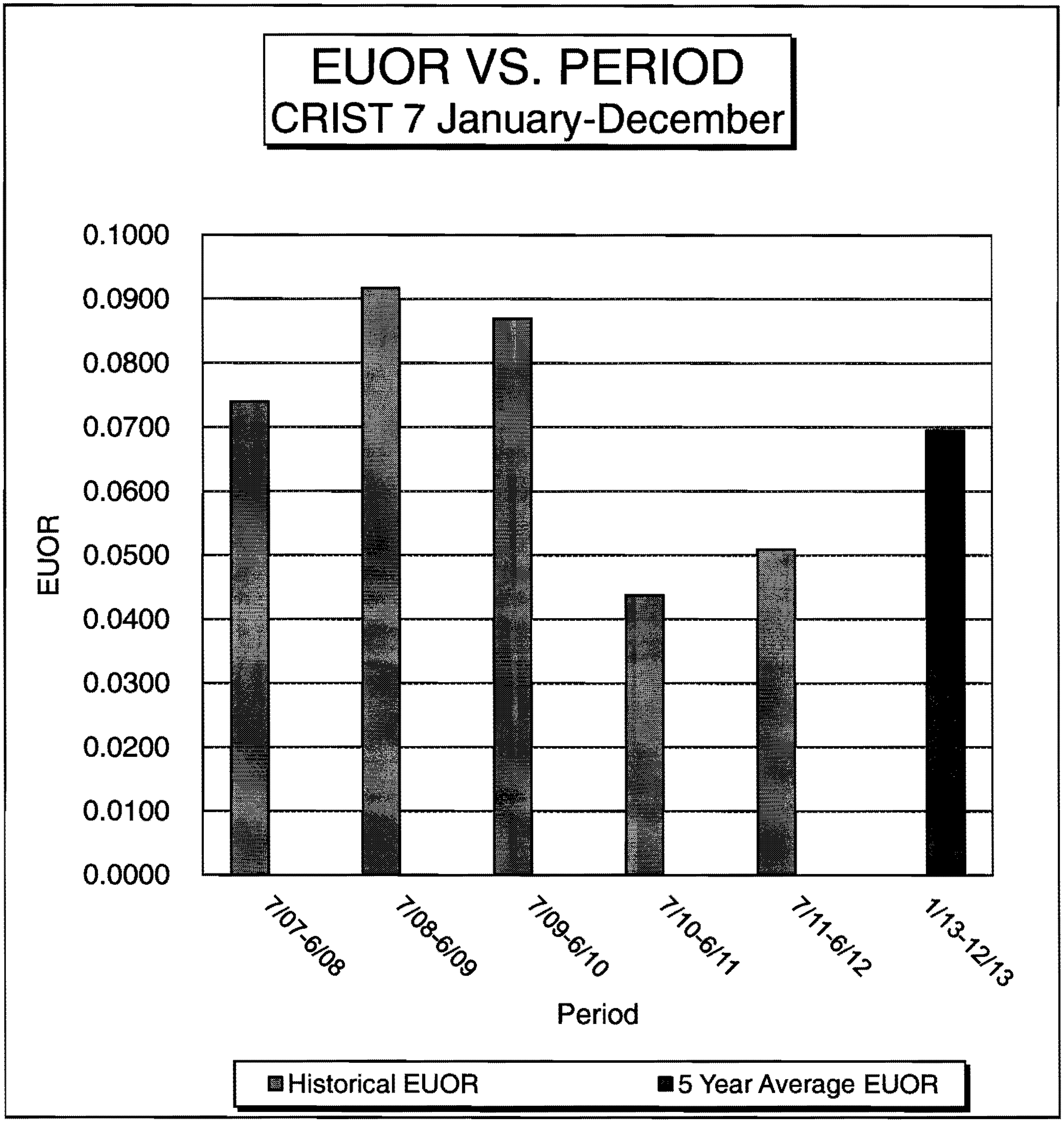
Calculation of Maximum and Minimum
Attainable Equivalent Availabilities
for January 2013 - December 2013

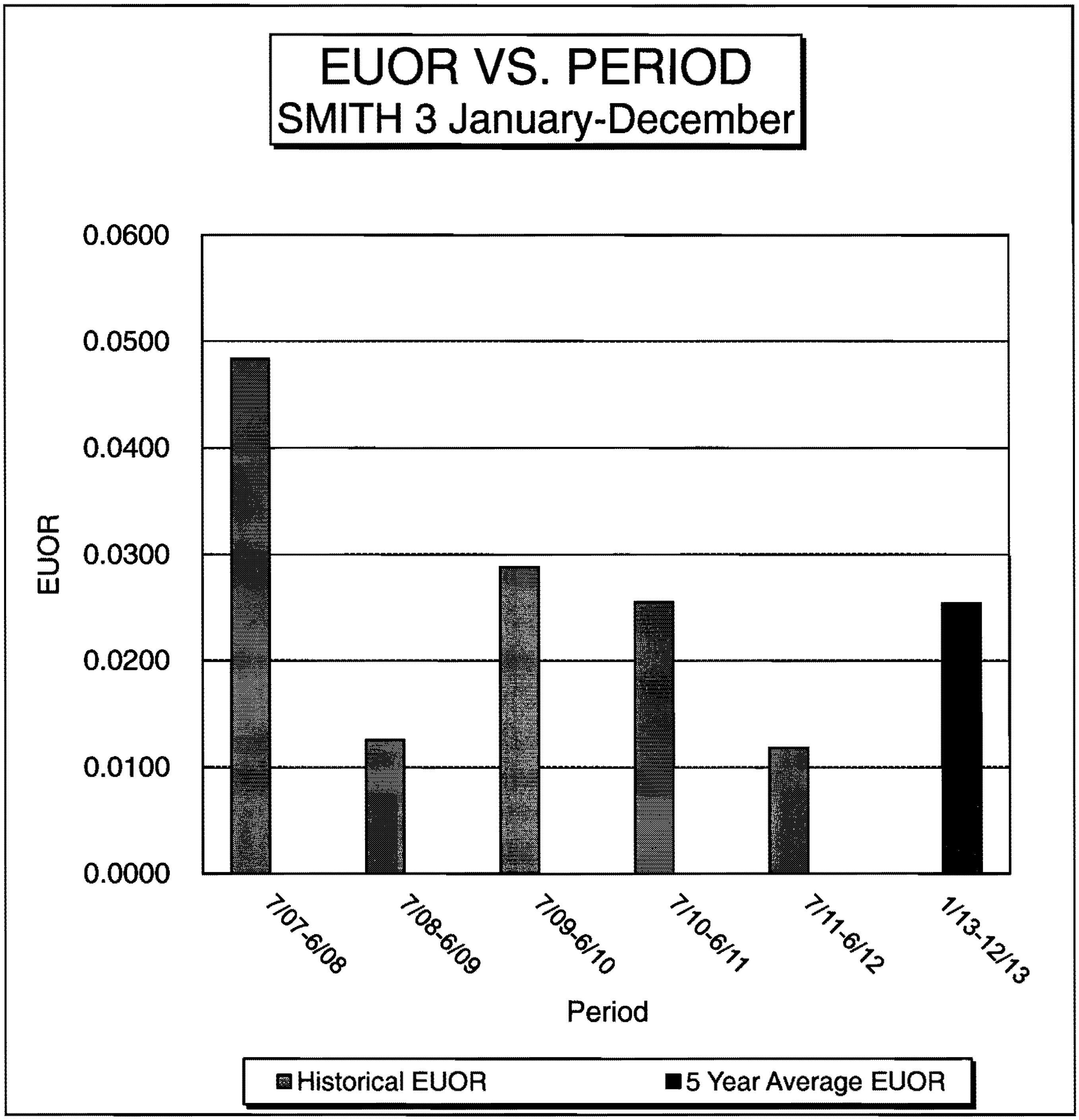
Unit	5 Year Historical Average of Equivalent Unplanned Outage Rate, EUOR (TARGET EUOR)	Minimum Attainable EUOR 70% of Target EUOR	Maximum Attainable Equivalent Availability	Maximum Attainable EUOR 145% of Target EUOR	Minimum Attainable Equivalent Availability
Crist 6	0.0779	0.0545	82.1	0.1130	80.0
Crist 7	0.0695	0.0487	96.0	0.1008	91.7
Smith 3	0.0254	0.0178	91.8	0.0368	90.0
Daniel 1	0.1103	0.0772	96.5	0.1599	92.6
Daniel 2	0.0686	0.0480	98.4	0.0995	96.8

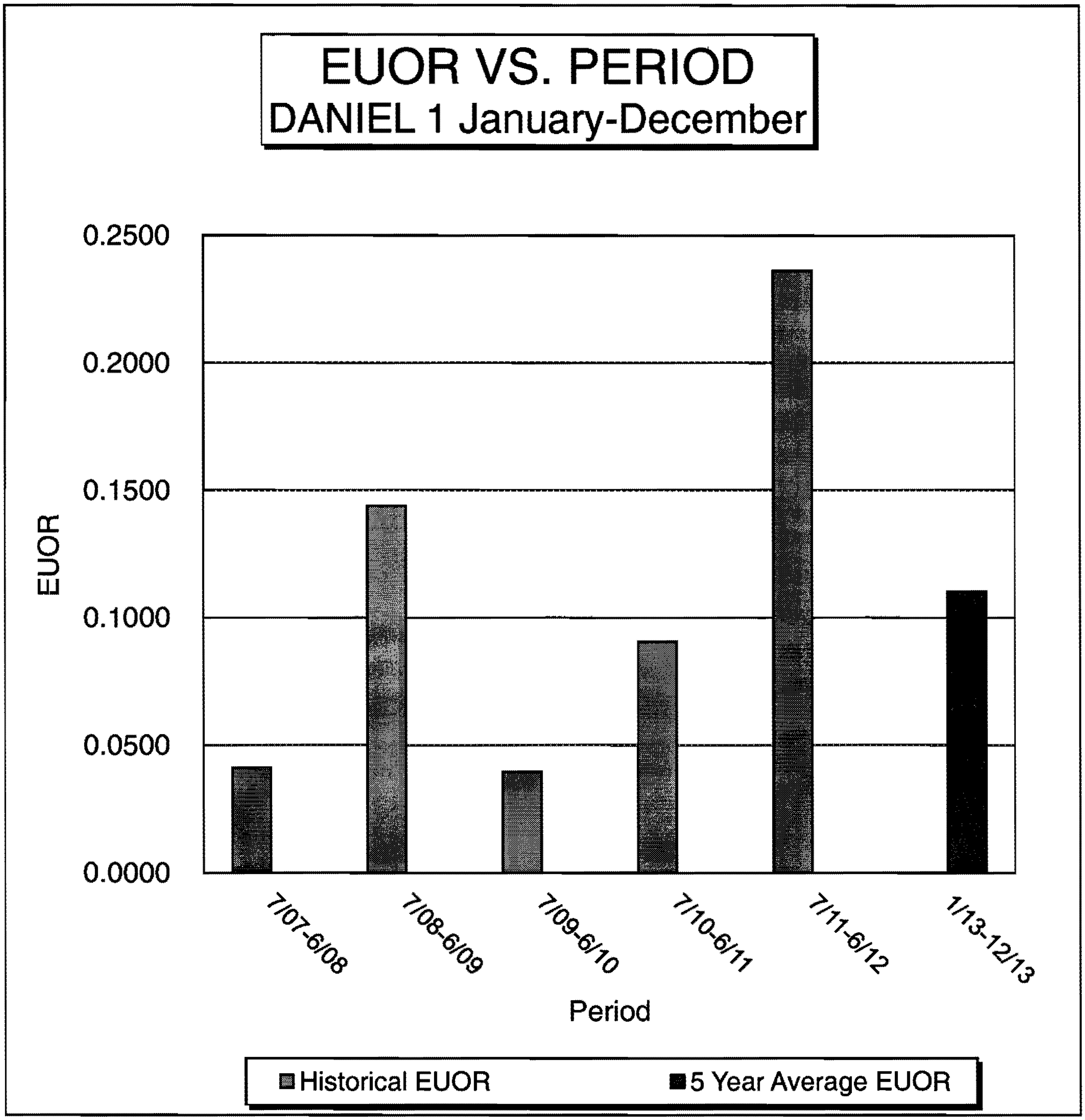
Summary of Target, Maximum, and Minimum
Equivalent Availabilities
for January 2013 - December 2013

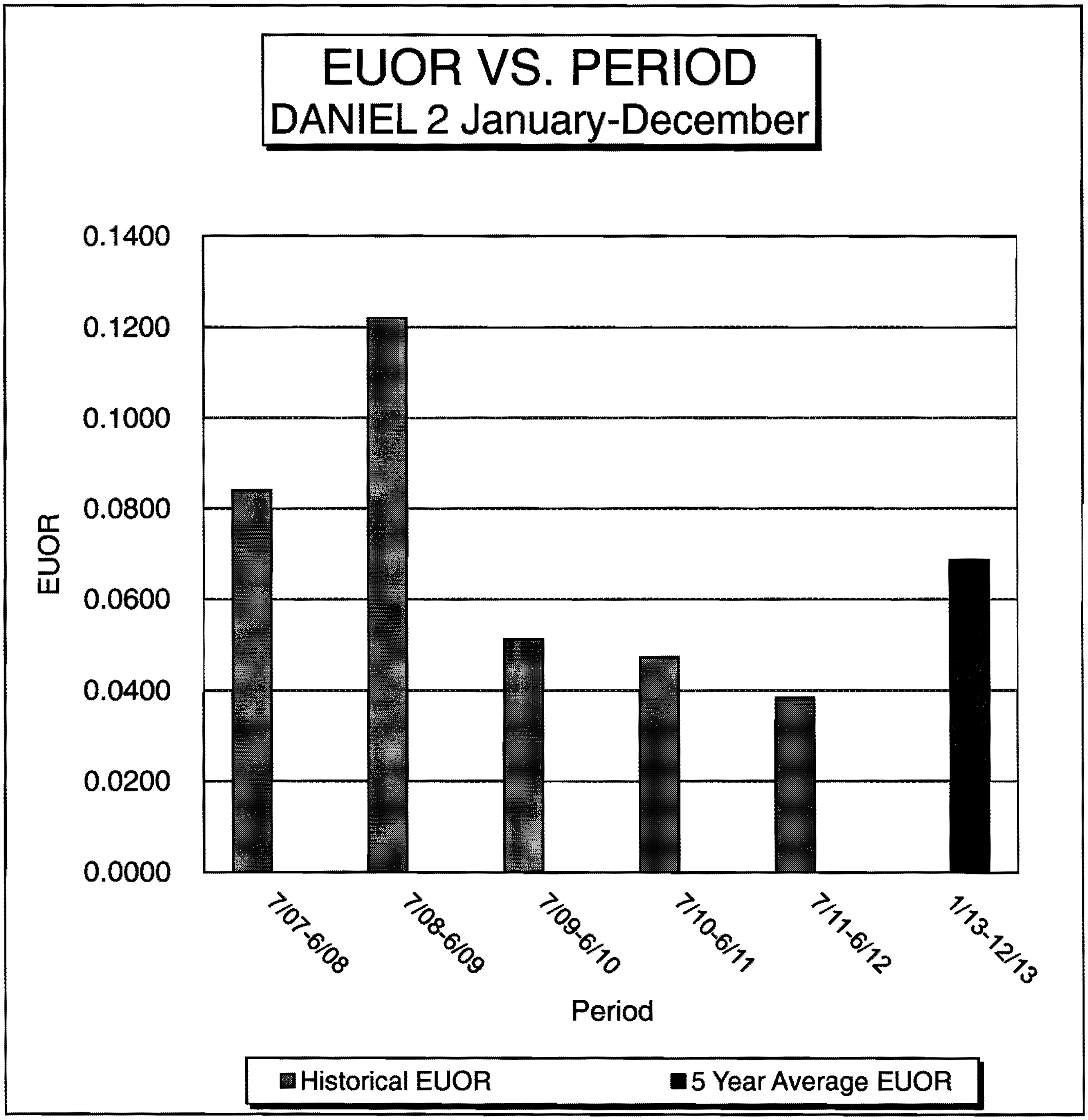
Unit	Target Equivalent Availability (0 Points)	Maximum Attainable Equivalent Availability (+10 Points)	Minimum Attainable Equivalent Availability (-10 Points)
Crist 6	81.2	82.1	80.0
Crist 7	94.0	96.0	91.7
Smith 3	91.1	91.8	90.0
Daniel 1	94.7	96.5	92.6
Daniel 2	97.1	98.4	96.8


EUOR VS. PERIOD
CRIST 6 January-December
0.1200
0.1000
0.0800
0.0600
0.0400
0.0200
0.0000
EUOR
7/07-6/08
7/08-6/09
7/09-6/10
7/10-6/11
7/11-6/12
1/13-12/13
Period
Historical EUOR
5 Year Average EUOR


EUOR VS. PERIOD
CRIST 7 January-December
0.1000
0.0900
0.0800
0.0700
0.0600
0.0500
0.0400
0.0300
0.0200
0.0100
0.0000
EUOR
7/07-6/08
7/08-6/09
7/09-6/10
7/10-6/11
7/11-6/12
1/13-12/13
Period
Historical EUOR
5 Year Average EUOR


EUOR VS. PERIOD
SMITH 3 January-December
0.0600
0.0500
0.0400
0.0300
0.0200
0.0100
0.0000
EUOR
7/07-6/08
7/08-6/09
7/09-6/10
7/10-6/11
7/11-6/12
1/13-12/13
Period
Historical EUOR
5 Year Average EUOR


EUOR VS. PERIOD
DANIEL 1 January-December
0.2500
0.2000
0.1500
0.1000
0.0500
0.0000
EUOR
7/07-6/08
7/08-6/09
7/09-6/10
7/10-6/11
7/11-6/12
1/13-12/13
Period
Historical EUOR
5 Year Average EUOR


EUOR VS. PERIOD
DANIEL 2 January-December
0.1400
0.1200
0.1000
0.0800
0.0600
0.0400
0.0200
0.0000
EUOR
7/07-6/08
7/08-6/09
7/09-6/10
7/10-6/11
7/11-6/12
1/13-12/13
Period
Historical EUOR
5 Year Average EUOR

III. GPIF MINIMUM FILING REQUIREMENTS FOR THE PERIOD JANUARY 2013 - DECEMBER 2013

CONTENTS	SCHEDULE 3 PAGE

Generating Performance Incentive Factor

Estimated Reward/Penalty Table

Gulf Power Company

Period of: January 2013 - December 2013

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	7875	4727
+ 9	7088	4254
+ 8	6300	3781
+ 7	5513	3309
+ 6	4725	2836
+ 5	3938	2363
+ 4	3150	1891
+ 3	2363	1418
+ 2	1575	945
+ 1	788	473
0	0	0
- 1	-812	-473
- 2	-1624	-945
- 3	-2436	-1418
- 4	-3248	-1891
- 5	-4061	-2363
- 6	-4873	-2836
- 7	-5685	-3309
- 8	-6497	-3781
- 9	-7309	-4254
- 10	-8121	-4727
	Minimum Attainable Fuel Loss	Maximum Incentive Dollars Allowed by Commission During Period (Penalty)

Issued by: S. W. Connally, Jr.

Generating Performance Incentive Factor

Calculation of Maximum Allowed Incentive Dollars

Estimated

Gulf Power Company

Period of: January 2013 - December 2013

Line 1	Beginning of Period Balance of Common Equity	$1,191,780,405
	End of Month Balance of Common Equity:	
Line 2	Month of Jan '13	$1,184,217,086
Line 3	Month of Feb '13	$1,190,151,714
Line 4	Month of Mar '13	$1,196,014,625
Line 5	Month of Apr '13	$1,171,769,553
Line 6	Month of May '13	$1,181,560,646
Line 7	Month of Jun '13	$1,197,819,361
Line 8	Month of Jul '13	$1,186,076,362
Line 9	Month of Aug '13	$1,202,413,364
Line 10	Month of Sep '13	$1,217,312,864
Line 11	Month of Oct '13	$1,195,944,179
Line 12	Month of Nov '13	$1,199,265,521
Line 13	Month of Dec '13	$1,230,082,647
Line 14	Average Common Equity for the Period (sum of line 1 through line 13 divided by 13)	$1,195,723,718
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)	$4,885,067
Line 18	Jurisdictional Sales (KWH)	11,119,784,395
Line 19	Total Territorial Sales (KWH)	11,492,669,812
Line 20	Jurisdictional Separation Factor (line 18 divided by line 19)	96.7555%
Line 21	Maximum Allowed Jurisdictional Incentive Dollars (line 17 multiplied by line 20)	$4,726,569

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GPIF Unit Performance Summary

Gulf Power Company

Period of: January 2013 - December 2013

Plant & Unit	Weighting Factor %	EAF Target %	EAF Range Max %	EAF Range Min %	Max Fuel Savings ($000)	Max Fuel Loss ($000)
Crist 6	3.2%	81.2	82.1	80.0	$250	($218)
Crist 7	6.1%	94.0	96.0	91.7	$482	($680)
Smith 3	0.6%	91.1	91.8	90.0	$51	($78)
Daniel 1	2.5%	94.7	96.5	92.6	$194	($272)
Daniel 2	1.0%	97.1	98.4	96.8	$81	($56)

Plant & Unit	Weighting Factor %	ANOHR Target BTU/KWH	Target NOF	ANOHR Range Min BTU/KWH	ANOHR Range Max BTU/KWH	Max Fuel Savings ($000)	Max Fuel Loss ($000)
Crist 6	7.1%	12,243	42.1	11,876	12,610	$558	($558)
Crist 7	30.7%	11,178	59.2	10,843	11,513	$2,414	($2,414)
Smith 3	35.9%	6,842	90.5	6,637	7,047	$2,827	($2,827)
Daniel 1	7.8%	10,591	56.3	10,273	10,909	$613	($613)
Daniel 2	5.1%	10,611	51.6	10,293	10,929	$405	($405)

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Comparison of GPIF Targets vs. Actual Performance of Prior Periods

Availability

Gulf Power Company

Period of: January 2013 - December 2013

Plant & Unit	Target Weighting Factor	Normalized Weighting Factor	Target			Actual Performance 1st Prior Period Jul '11 - Jun '12			Actual Performance 2nd Prior Period Jul '010 - Jun '11		
			POF	EUOF	EUOR	POF	EUOF	EUOR	POF	EUOF	EUOR
Crist 6	3.2%	23.6%	0.1590	0.0287	0.0779	0.2197	0.0661	0.1061	0.2576	0.0495	0.0853
Crist 7	6.1%	45.6%	0.0000	0.0599	0.0695	0.0000	0.0470	0.0509	0.0867	0.0398	0.0438
Smith 3	0.6%	4.8%	0.0658	0.0229	0.0254	0.0390	0.0113	0.0118	0.0460	0.0240	0.0255
Daniel 1	2.5%	18.3%	0.0000	0.0530	0.1103	0.1378	0.0872	0.2362	0.0000	0.0895	0.0905
Daniel 2	1.0%	7.7%	0.0000	0.0288	0.0686	0.2123	0.0201	0.0384	0.1655	0.0340	0.0473
Weighted GPIF System Average			0.0407	0.0471	0.0768	0.0953	0.0551	0.0951	0.1153	0.0500	0.0616

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Comparison of GPIF Targets vs. Actual Performance of Prior Periods

Availability

Gulf Power Company

Period of: January 2013 - December 2013

Plant & Unit	Target Weighting Factor	Normalized Weighting Factor	Actual Performance 3rd Prior Period Jul '09 - Jun '010			Actual Performance 4th Prior Period Jul '08 - Jun '09			Actual Performance 5th Prior Period Jul '07 - Jun '08		
			POF	EUOF	EUOR	POF	EUOF	EUOR	POF	EUOF	EUOR
Crist 6	3.2%	23.6%	0.0626	0.0254	0.0370	0.1549	0.0475	0.0738	0.0694	0.0806	0.0874
Crist 7	6.1%	45.6%	0.1773	0.0715	0.0869	0.1367	0.0752	0.0917	0.0291	0.0719	0.0740
Smith 3	0.6%	4.8%	0.1999	0.0212	0.0288	0.0869	0.0097	0.0126	0.0189	0.0355	0.0483
Daniel 1	2.5%	18.3%	0.1500	0.0312	0.0395	0.0000	0.1231	0.1440	0.1144	0.0358	0.0412
Daniel 2	1.0%	7.7%	0.0449	0.0485	0.0513	0.1352	0.0867	0.1220	0.0259	0.0818	0.0840
Weighted GPIF System Average			0.1361	0.0490	0.0609	0.1134	0.0752	0.0956	0.0535	0.0663	0.0707

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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 2013 - December 2013

Plant & Unit	Target Weighting Factor	Normalized Weighting Factor	Heat Rate Target	1st Prior Period Heat Rate Jul '11 - Jun '12	2nd Prior Period Heat Rate Jul '010 - Jun '11	3rd Prior Period Heat Rate Jul '09 - Jun '010
Crist 6	7.1%	8.2%	12,243	12,072	12,273	12,264
Crist 7	30.7%	35.4%	11,178	11,219	11,191	11,181
Smith 3	35.9%	41.5%	6,842	6,466	6,482	6,547
Daniel 1	7.8%	9.0%	10,591	10,450	10,547	10,704
Daniel 2	5.1%	5.9%	10,611	10,512	10,651	10,594
Weighted GPIF System Average:			9,381	9,207	9,237	9,270

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Example Calculation of Prior Season

Average Net Operating Heat Rate

Adjusted to Target Basis

Crist 6 Jul '010 - Jun '11

	Jul Jan	Aug Feb	Sep Mar	Oct Apr	Nov May	Dec Jun	
1. Target Heat Rate*	12633.0 12183.0	12240.0 12117.0	12160.0 12137.0	12683.0 12166.0	- 11888.0	12372.0 12098.0	
2. Target Heat Rate at Actual Conditions**	11458.0 10908.0	11272.0 10861.0	11159.0 0.0	12995.0 0.0	12343.0 11450.0	11066.0 11413.0	
3. Adjustments to Actual Heat Rate (1-2)	1175.0 1275.0	968.0 1256.0	1001.0 12137.0	-312.0 12166.0	0.0 438.0	1306.0 685.0	
4. Actual Heat Rate for Prior Period	11731.0 10941.0	11257.0 11095.0	11548.0 0.0	13006.0 0.0	12045.0 11345.0	11172.0 11192.0	
5. Adjusted actual Heat Rate (4+3)	12906.0 12216.0	12225.0 12351.0	12549.0 12137.0	12694.0 12166.0	12045.0 11783.0	12478.0 11877.0	
6. Forecast Net MWH Generation*	51423.5 27997.9	32024.2 9087.3	18452.3 62753.8	46442.6 26358.8	0.0 65021.3	1886.3 30585.4	
7. Adjusted Actual Heat Rate for Jul '010 - Jun '11 $= (\Sigma ((5)*(6))) / (\Sigma (6))$							12,273

* For the January 2013 - December 2013 time period.

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

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Derivation of Weighting Factors

Gulf Power Company

Period of: January 2013 - December 2013

Plant & Unit	Unit Performance Indicator	Production Cost Simulation Fuel Cost ($000) At Target (1)	At Maximum Improvement (2)	Savings (3)	Weighting Factor (% of Savings)
Crist 6	EA-1	$444,466	$444,216	$250	3.2%
Crist 6	ANOHR-1	$444,466	$443,908	$558	7.1%
Crist 7	EA-2	$444,466	$443,984	$482	6.1%
Crist 7	ANOHR-2	$444,466	$442,052	$2,414	30.7%
Smith 3	EA-3	$444,466	$444,415	$51	0.6%
Smith 3	ANOHR-3	$444,466	$441,639	$2,827	35.9%
Daniel 1	EA-4	$444,466	$444,272	$194	2.5%
Daniel 1	ANOHR-4	$444,466	$443,853	$613	7.8%
Daniel 2	EA-5	$444,466	$444,385	$81	1.0%
Daniel 2	ANOHR-5	$444,466	$444,061	$405	5.1%

(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 2013 - December 2013

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	250	82.10	+ 10	558	11,876
+ 9	225	82.01	+ 9	502	11,905
+ 8	200	81.92	+ 8	446	11,934
+ 7	175	81.83	+ 7	391	11,964
+ 6	150	81.74	+ 6	335	11,993
+ 5	125	81.65	+ 5	279	12,022
+ 4	100	81.56	+ 4	223	12,051
+ 3	75	81.47	+ 3	167	12,080
+ 2	50	81.38	+ 2	112	12,110
+ 1	25	81.29	+ 1	56	12,139
				0	12,168
0	0	81.20	0	0	12,243
				0	12,318
- 1	(22)	81.08	- 1	(56)	12,347
- 2	(44)	80.96	- 2	(112)	12,376
- 3	(65)	80.84	- 3	(167)	12,406
- 4	(87)	80.72	- 4	(223)	12,435
- 5	(109)	80.60	- 5	(279)	12,464
- 6	(131)	80.48	- 6	(335)	12,493
- 7	(153)	80.36	- 7	(391)	12,522
- 8	(174)	80.24	- 8	(446)	12,552
- 9	(196)	80.12	- 9	(502)	12,581
- 10	(218)	80.00	- 10	(558)	12,610

Weighting Factor: 0.032 Weighting Factor: 0.071

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2013 - December 2013

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	482	96.00	+ 10	2,414	10,843
+ 9	434	95.83	+ 9	2,173	10,869
+ 8	386	95.66	+ 8	1,931	10,895
+ 7	337	95.49	+ 7	1,690	10,921
+ 6	289	95.32	+ 6	1,448	10,947
+ 5	241	95.15	+ 5	1,207	10,973
+ 4	193	94.98	+ 4	966	10,999
+ 3	145	94.81	+ 3	724	11,025
+ 2	96	94.64	+ 2	483	11,051
+ 1	48	94.47	+ 1	241	11,077
				0	11,103
0	0	94.30	0	0	11,178
				0	11,253
- 1	(68)	94.04	- 1	(241)	11,279
- 2	(136)	93.78	- 2	(483)	11,305
- 3	(204)	93.52	- 3	(724)	11,331
- 4	(272)	93.26	- 4	(966)	11,357
- 5	(340)	93.00	- 5	(1,207)	11,383
- 6	(408)	92.74	- 6	(1,448)	11,409
- 7	(476)	92.48	- 7	(1,690)	11,435
- 8	(544)	92.22	- 8	(1,931)	11,461
- 9	(612)	91.96	- 9	(2,173)	11,487
- 10	(680)	91.70	- 10	(2,414)	11,513

Weighting Factor: 0.061 Weighting Factor: 0.307

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2013 - December 2013

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	51	91.80	+ 10	2,827	6,637
+ 9	46	91.73	+ 9	2,544	6,650
+ 8	41	91.66	+ 8	2,262	6,663
+ 7	36	91.59	+ 7	1,979	6,676
+ 6	31	91.52	+ 6	1,696	6,689
+ 5	26	91.45	+ 5	1,414	6,702
+ 4	20	91.38	+ 4	1,131	6,715
+ 3	15	91.31	+ 3	848	6,728
+ 2	10	91.24	+ 2	565	6,741
+ 1	5	91.17	+ 1	283	6,754
				0	6,767
0	0	91.10	0	0	6,842
				0	6,917
- 1	(8)	90.99	- 1	(283)	6,930
- 2	(16)	90.88	- 2	(565)	6,943
- 3	(23)	90.77	- 3	(848)	6,956
- 4	(31)	90.66	- 4	(1,131)	6,969
- 5	(39)	90.55	- 5	(1,414)	6,982
- 6	(47)	90.44	- 6	(1,696)	6,995
- 7	(55)	90.33	- 7	(1,979)	7,008
- 8	(62)	90.22	- 8	(2,262)	7,021
- 9	(70)	90.11	- 9	(2,544)	7,034
- 10	(78)	90.00	- 10	(2,827)	7,047

Weighting Factor: 0.006 Weighting Factor: 0.359

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2013 - December 2013

Daniel 1

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	194	96.50	+ 10	613	10,273
+ 9	175	96.34	+ 9	552	10,297
+ 8	155	96.18	+ 8	490	10,322
+ 7	136	96.02	+ 7	429	10,346
+ 6	116	95.86	+ 6	368	10,370
+ 5	97	95.70	+ 5	307	10,395
+ 4	78	95.54	+ 4	245	10,419
+ 3	58	95.38	+ 3	184	10,443
+ 2	39	95.22	+ 2	123	10,467
+ 1	19	95.06	+ 1	61	10,492
				0	10,516
0	0	94.90	0	0	10,591
				0	10,666
- 1	(27)	94.67	- 1	(61)	10,690
- 2	(54)	94.44	- 2	(123)	10,715
- 3	(82)	94.21	- 3	(184)	10,739
- 4	(109)	93.98	- 4	(245)	10,763
- 5	(136)	93.75	- 5	(307)	10,788
- 6	(163)	93.52	- 6	(368)	10,812
- 7	(190)	93.29	- 7	(429)	10,836
- 8	(218)	93.06	- 8	(490)	10,860
- 9	(245)	92.83	- 9	(552)	10,885
- 10	(272)	92.60	- 10	(613)	10,909

Weighting Factor: 0.025 Weighting Factor: 0.078

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Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2013 - December 2013

Daniel 2

Equivalent Availability Points	Fuel Savings/ Loss ($000)	Adjusted Actual Equivalent Availability	Average Heat Rate Points	Fuel Savings/ Loss ($000)	Adjusted Actual Heat Rate
+ 10	81	98.40	+ 10	405	10,293
+ 9	73	98.34	+ 9	365	10,317
+ 8	65	98.28	+ 8	324	10,342
+ 7	57	98.22	+ 7	284	10,366
+ 6	49	98.16	+ 6	243	10,390
+ 5	41	98.10	+ 5	203	10,415
+ 4	32	98.04	+ 4	162	10,439
+ 3	24	97.98	+ 3	122	10,463
+ 2	16	97.92	+ 2	81	10,487
+ 1	8	97.86	+ 1	41	10,512
				0	10,536
0	0	97.80	0	0	10,611
				0	10,686
- 1	(6)	97.70	- 1	(41)	10,710
- 2	(11)	97.60	- 2	(81)	10,735
- 3	(17)	97.50	- 3	(122)	10,759
- 4	(22)	97.40	- 4	(162)	10,783
- 5	(28)	97.30	- 5	(203)	10,808
- 6	(34)	97.20	- 6	(243)	10,832
- 7	(39)	97.10	- 7	(284)	10,856
- 8	(45)	97.00	- 8	(324)	10,880
- 9	(50)	96.90	- 9	(365)	10,905
- 10	(56)	96.80	- 10	(405)	10,929

Weighting Factor: 0.010 Weighting Factor: 0.051

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ESTIMATED UNIT PERFORMANCE DATA

ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2013 - December 2013

	CRIST 6	Jan '13	Feb '13	Mar '13	Apr '13	May '13	Jun '13	
1.	EAF (%)	98.1	80.7	98.1	97.9	98.1	98.3	
2.	POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	
3.	EUOF (%)	1.9	19.3	1.9	2.1	1.9	1.7	
4.	EUOR (%)	5.8	64.4	2.7	6.6	2.6	4.7	
5.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
6.	SH	226.0	72.0	500.0	211.8	519.0	241.0	
7.	RSH	504.0	470.0	229.0	494.2	213.0	467.0	
8.	UH	14.0	130.0	14.0	14.0	12.0	12.0	
9.	POH	0.0	0.0	0.0	0.0	0.0	0.0	
10.	FOH & EFOH	14.0	10.0	14.0	15.0	14.0	12.0	
11.	MOH & EMOH	0.0	120.0	0.0	0.0	0.0	0.0	
12.	Oper MBtu	341098.0	110111.0	761643.0	320681.0	772973.0	370022.0	
13.	Net Gen (MWH)	27997.9	9087.3	62753.8	26358.8	65021.3	30585.4	
14.	ANOHR (Btu/KWH)	12183.0	12117.0	12137.0	12166.0	11888.0	12098.0	
15.	NOF %	41.4	42.2	42.0	41.6	41.9	42.4	
16.	NPC (MW)	299.0	299.0	299.0	299.0	299.0	299.0	

19.	ANOHR Equation	10^6 / AKW * [1092.37 - 31.97 * MAY + 69.51 * JUL + 28.15 * AUG + 63.58 * OCT] + 247 + 0.02463 * LSRF / AKW

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ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2013 - December 2013

	CRIST 6	Jul '13	Aug '13	Sep '13	Oct '13	Nov '13	Dec '13	Total
1.	EAF (%)	98.4	98.4	98.2	79.0	0.0	28.6	81.2
2.	POF (%)	0.0	0.0	0.0	19.4	100.0	71.0	15.9
3.	EUOF (%)	1.6	1.6	1.8	1.6	0.0	0.4	2.9
4.	EUOR (%)	2.9	4.6	8.1	3.1	0.0	15.7	7.8
5.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
6.	SH	404.0	247.0	148.0	373.6	0.0	16.0	2958.4
7.	RSH	328.0	485.0	559.0	216.4	0.0	197.0	4162.6
8.	UH	12.0	12.0	13.0	154.0	721.0	531.0	1639.0
9.	POH	0.0	0.0	0.0	144.0	721.0	528.0	1393.0
10.	FOH & EFOH	12.0	12.0	13.0	12.0	0.0	3.0	131.0
11.	MOH & EMOH	0.0	0.0	0.0	0.0	0.0	0.0	120.0
12.	Oper MBtu	649633.0	391976.0	224380.0	589031.0	0.0	23337.0	4554885.0
13.	Net Gen (MWH)	51423.5	32024.2	18452.3	46442.6	0.0	1886.3	372033.4
14.	ANOHR (Btu/KWH)	12633.0	12240.0	12160.0	12683.0	-	12372.0	12243.0
15.	NOF %	42.6	43.4	41.7	41.6	0.0	39.4	42.1
16.	NPC (MW)	299.0	299.0	299.0	299.0	299.0	299.0	299.0

19.	ANOHR Equation	10^6 / AKW * [1092.37 - 31.97 * MAY + 69.51 * JUL + 28.15 * AUG + 63.58 * OCT] + 247 + 0.02463 * LSRF / AKW

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ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2013 - December 2013

	CRIST 7	Jan '13	Feb '13	Mar '13	Apr '13	May '13	Jun '13	
1.	EAF (%)	96.8	96.6	97.1	96.7	97.1	97.1	
2.	POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	
3.	EUOF (%)	3.2	3.4	2.9	3.3	2.9	2.9	
4.	EUOR (%)	3.7	3.6	5.2	3.6	8.6	3.6	
5.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
6.	SH	629.0	613.0	396.0	638.0	233.0	575.0	
7.	RSH	93.1	37.0	325.1	60.0	489.1	123.8	
8.	UH	21.9	22.0	21.9	22.0	21.9	21.2	
9.	POH	0.0	0.0	0.0	0.0	0.0	0.0	
10.	FOH & EFOH	23.9	23.0	21.9	24.0	21.9	21.2	
11.	MOH & EMOH	0.0	0.0	0.0	0.0	0.0	0.0	
12.	Oper MBtu	1849419.0	1796572.0	1166686.0	1926532.0	706901.0	1868729.0	
13.	Net Gen (MWH)	162172.8	157359.4	102394.8	165310.8	62668.5	173174.8	
14.	ANOHR (Btu/KWH)	11404.0	11417.0	11394.0	11654.0	11280.0	10791.0	
15.	NOF %	54.3	54.0	54.4	54.5	56.6	63.4	
16.	NPC (MW)	475.0	475.0	475.0	475.0	475.0	475.0	
19.	ANOHR Equation	10^6 / AKW * [1109.67 + 68.77 * APR - 61.47 * JUN] + 5,868 + 0.00454 * LSRF / AKW						

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ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2013 - December 2013

	CRIST 7	Jul '13	Aug '13	Sep '13	Oct '13	Nov '13	Dec '13	Total
1.	EAF (%)	97.1	97.1	96.9	72.0	87.1	97.1	94.0
2.	POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	EUOF (%)	2.9	2.9	3.1	28.0	12.9	2.9	6.0
4.	EUOR (%)	3.3	3.0	3.5	40.0	12.9	3.0	7.3
5.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
6.	SH	647.0	705.0	609.0	312.0	626.3	718.0	6701.3
7.	RSH	75.1	17.1	89.0	223.8	1.7	4.2	1539.1
8.	UH	21.9	21.9	22.0	208.2	93.0	21.9	519.6
9.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	FOH & EFOH	21.9	21.9	22.0	16.2	21.0	21.9	260.6
11.	MOH & EMOH	0.0	0.0	0.0	192.0	72.0	0.0	264.0
12.	Oper MBtu	2298337.0	2565917.0	1989682.0	962196.0	1833060.0	2110347.0	21074378.0
13.	Net Gen (MWH)	212415.6	238268.8	180322.8	85757.2	160499.1	185037.0	1885381.6
14.	ANOHR (Btu/KWH)	10820.0	10769.0	11034.0	11220.0	11421.0	11405.0	11178.0
15.	NOF %	69.1	71.2	62.3	57.9	53.9	54.3	59.2
16.	NPC (MW)	475.0	475.0	475.0	475.0	475.0	475.0	475.0
19.	ANOHR Equation	10^6 / AKW * [1109.67 + 68.77 * APR - 61.47 * JUN] + 5,868 + 0.00454 * LSRF / AKW						

Issued by: S. W. Connally, Jr.

ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2013 - December 2013

	SMITH 3	Jan '13	Feb '13	Mar '13	Apr '13	May '13	Jun '13	
1.	EAF (%)	99.3	99.3	67.3	76.1	99.3	99.3	
2.	POF (%)	0.0	0.0	32.3	23.3	0.0	0.0	
3.	EUOF (%)	0.7	0.7	0.4	0.6	0.7	0.7	
4.	EUOR (%)	0.7	0.7	0.6	0.7	0.7	0.7	
5.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
6.	SH	738.6	667.3	500.0	548.0	738.7	714.8	
7.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	
8.	UH	5.4	4.7	243.0	172.0	5.3	5.2	
9.	POH	0.0	0.0	240.0	168.0	0.0	0.0	
10.	FOH & EFOH	5.4	4.7	3.0	4.0	5.3	5.2	
11.	MOH & EMOH	0.0	0.0	0.0	0.0	0.0	0.0	
12.	Oper MBtu	2737128.0	2439962.0	1805338.0	1938973.0	2574480.0	2418012.0	
13.	Net Gen (MWH)	401338.4	357451.2	264286.1	283392.7	375891.3	352223.1	
14.	ANOHR (Btu/KWH)	6820.0	6826.0	6831.0	6842.0	6849.0	6865.0	
15.	NOF %	93.0	91.7	94.7	92.7	91.2	88.6	
16.	NPC (MW)	584.0	584.0	558.0	558.0	558.0	556.0	

19.	ANOHR Equation	10^6 / AKW * [160.82 - 42.90 * OCT] + 6,894 - 0.00003 * LSRF / AKW

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ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2013 - December 2013

	SMITH 3	Jul '13	Aug '13	Sep '13	Oct '13	Nov '13	Dec '13	Total
1.	EAF (%)	99.3	99.3	99.3	99.3	82.8	73.7	91.1
2.	POF (%)	0.0	0.0	0.0	0.0	0.0	22.6	6.6
3.	EUOF (%)	0.7	0.7	0.7	0.7	17.2	3.7	2.3
4.	EUOR (%)	0.7	0.7	0.7	0.7	17.2	4.9	2.5
5.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
6.	SH	738.7	738.7	714.8	738.7	597.0	548.0	7983.2
7.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	UH	5.3	5.3	5.2	5.3	124.0	196.0	776.8
9.	POH	0.0	0.0	0.0	0.0	0.0	168.0	576.0
10.	FOH & EFOH	5.3	5.3	5.2	5.3	4.0	4.0	56.8
11.	MOH & EMOH	0.0	0.0	0.0	0.0	120.0	24.0	144.0
12.	Oper MBtu	2508628.0	2516365.0	2406515.0	2541062.0	2017598.0	1869507.0	27773568.0
13.	Net Gen (MWH)	365529.4	366710.2	350395.3	375618.9	293853.5	272483.2	4059173.3
14.	ANOHR (Btu/KWH)	6863.0	6862.0	6868.0	6765.0	6866.0	6861.0	6842.0
15.	NOF %	89.0	89.3	88.2	91.1	88.2	89.1	90.5
16.	NPC (MW)	556.0	556.0	556.0	558.0	558.0	558.0	561.7
19.	ANOHR Equation	10^6 / AKW * [160.82 - 42.90 * OCT] + 6,894 - 0.00003 * LSRF / AKW						

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ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2013 - December 2013

	DANIEL 1	Jan '13	Feb '13	Mar '13	Apr '13	May '13	Jun '13	
1.	EAF (%)	91.5	69.8	97.2	96.9	97.3	97.6	
2.	POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	
3.	EUOF (%)	8.5	30.2	2.8	3.1	2.7	2.4	
4.	EUOR (%)	13.7	73.0	13.3	13.9	9.6	4.2	
5.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
6.	SH	398.7	75.1	137.9	138.1	187.6	387.9	
7.	RSH	281.8	394.2	585.1	561.9	536.4	315.1	
8.	UH	63.5	202.7	20.0	20.0	20.0	17.0	
9.	POH	0.0	0.0	0.0	0.0	0.0	0.0	
10.	FOH & EFOH	15.5	10.7	21.0	22.0	20.0	17.0	
11.	MOH & EMOH	48.0	192.0	0.0	0.0	0.0	0.0	
12.	Oper MBtu	1088779.0	173704.0	437474.0	453463.0	643196.0	1099369.0	
13.	Net Gen (MWH)	97832.6	15395.2	41783.6	43593.8	62319.2	102572.2	
14.	ANOHR (Btu/KWH)	11129.0	11283.0	10470.0	10402.0	10321.0	10718.0	
15.	NOF %	48.1	40.2	59.4	61.9	65.2	51.9	
16.	NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	

19.	ANOHR Equation	10^6 / AKW * [515.05 + 63.65 * JAN + 65.39 * JUL - 84.66 * SEP + 91.23 * NOV] + 8,771

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ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2013 - December 2013

	DANIEL 1	Jul '13	Aug '13	Sep '13	Oct '13	Nov '13	Dec '13	Total
1.	EAF (%)	97.6	97.6	97.2	97.3	97.1	97.2	94.7
2.	POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	EUOF (%)	2.4	2.4	2.8	2.7	2.9	2.8	5.3
4.	EUOR (%)	2.7	2.7	3.5	7.9	23.0	19.8	11.5
5.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
6.	SH	644.8	648.0	558.3	234.1	71.3	85.9	3567.6
7.	RSH	81.2	78.0	141.7	489.9	629.7	638.1	4733.2
8.	UH	18.0	18.0	20.0	20.0	20.0	20.0	459.2
9.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	FOH & EFOH	18.0	18.0	20.0	20.0	21.0	21.0	224.2
11.	MOH & EMOH	0.0	0.0	0.0	0.0	0.0	0.0	240.0
12.	Oper MBtu	2015457.0	2052023.0	1676440.0	680856.0	281475.0	243231.0	10845467.0
13.	Net Gen (MWH)	187118.8	195897.2	163746.8	63882.2	27164.2	22685.2	1023991.0
14.	ANOHR (Btu/KWH)	10771.0	10475.0	10238.0	10658.0	10362.0	10722.0	10591.0
15.	NOF %	56.9	59.3	57.5	53.5	74.7	51.8	56.3
16.	NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0

19.	ANOHR Equation	10^6 / AKW * [515.05 + 63.65 * JAN + 65.39 * JUL - 84.66 * SEP + 91.23 * NOV] + 8,771

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ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2013 - December 2013

	DANIEL 2	Jan '13	Feb '13	Mar '13	Apr '13	May '13	Jun '13	
1.	EAF (%)	98.9	91.5	99.1	82.2	100.0	98.9	
2.	POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	
3.	EUOF (%)	1.1	8.5	0.9	17.8	0.0	1.1	
4.	EUOR (%)	3.0	24.0	11.0	92.1	0.0	2.0	
5.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
6.	SH	258.4	181.3	57.9	13.0	0.0	397.1	
7.	RSH	477.6	434.7	679.1	581.0	744.0	314.9	
8.	UH	8.0	56.0	6.0	126.0	0.0	8.0	
9.	POH	0.0	0.0	0.0	0.0	0.0	0.0	
10.	FOH & EFOH	8.0	9.0	7.0	8.0	0.0	8.0	
11.	MOH & EMOH	0.0	48.0	0.0	120.0	0.0	0.0	
12.	Oper MBtu	625995.0	584521.0	73284.0	48720.0	0.0	1007111.0	
13.	Net Gen (MWH)	59369.8	55780.2	6091.8	4744.4	0.0	94733.4	
14.	ANOHR (Btu/KWH)	10544.0	10479.0	12030.0	10269.0	-	10631.0	
15.	NOF %	45.0	60.3	20.6	71.3	0.0	46.8	
16.	NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	

19.	ANOHR Equation	10^6 / AKW * [-99.14 - 68.37 * JAN + 50.20 * MAY - 38.91 * JUN] + 12,531 - 0.00482 * LSRF / AKW

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ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2013 - December 2013

	DANIEL 2	Jul '13	Aug '13	Sep '13	Oct '13	Nov '13	Dec '13	Total
1.	EAF (%)	98.9	98.9	98.8	98.9	99.2	99.2	97.1
2.	POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.	EUOF (%)	1.1	1.1	1.2	1.1	0.8	0.8	2.9
4.	EUOR (%)	2.5	1.3	2.5	4.9	6.1	2.7	8.8
5.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
6.	SH	309.6	600.1	346.9	155.1	85.0	207.2	2611.7
7.	RSH	426.4	135.9	365.1	580.9	630.5	531.0	5901.1
8.	UH	8.0	8.0	8.0	8.0	5.5	5.7	247.3
9.	POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.	FOH & EFOH	8.0	8.0	9.0	8.0	5.5	5.7	84.3
11.	MOH & EMOH	0.0	0.0	0.0	0.0	0.0	0.0	168.0
12.	Oper MBtu	901230.0	1817253.0	1030354.0	426149.0	294151.0	485108.0	7293876.0
13.	Net Gen (MWH)	84853.6	171990.6	97267.4	39819.6	28341.0	44375.0	687366.8
14.	ANOHR (Btu/KWH)	10621.0	10566.0	10593.0	10702.0	10379.0	10932.0	10611.0
15.	NOF %	53.7	56.2	55.0	50.3	65.4	42.0	51.6
16.	NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0
19.	ANOHR Equation	10^6 / AKW * [-99.14 - 68.37 * JAN + 50.20 * MAY - 38.91 * JUN] + 12,531 - 0.00482 * LSRF / AKW						

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Planned Outage Schedules (Estimated)

Gulf Power Company

Period of: January 2013 - December 2013

Plant & Unit	Planned Outage Dates	Reason for Outage
Crist 6	10/26/13 - 12/22/13	Major Boiler Outage and Inspection.
Smith 3	03/22/13 - 04/07/13	Hot Gas Path Inspection
	12/14/13 - 12/20/13	Borescope Inspection

Notes Regarding Estimated Planned Outage Schedules

Gulf Power Company

Period of: January 2013 - December 2013

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 2013 - December 2013, 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.: **120001-EI**

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing was furnished by U. S. mail this 30th day of August, 2012 on the following:

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