Robert L. McGee, Jr.
Regulatory & Pricing Manager

One Energy Place
Pensacola, Florida 32520-0780

Tel 850 444 6530
Fax 850 444 6026
RLMCGEE@southernco.com

August 22, 2014

GULF POWER
A SOUTHERN COMPANY

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

RE: Docket No. 140001-EI

Dear Ms. Stauffer:

Attached for official filing in the above-referenced docket are the following:

1. The Petition of Gulf Power Company.

2. Prepared direct testimony and exhibits of H. R. Ball.

3. Prepared direct testimony and exhibits of C. Shane Boyett.

4. Prepared direct testimony and exhibits of M. A. Young.

Sincerely,

Robert L. McGee, Jr.
Regulatory and Pricing Manager

md

Attachments

cc w/att.: Florida Public Service Commission
Martha Barrera, Sr. Atty, Office of the General Counsel (5 copies)
Beggs & Lane
Jeffrey A. Stone, Esq.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

IN RE: Fuel and Purchased Power Cost Recovery Clauses and Generating Performance Incentive Factor.	))))	Docket No.: 140001-EI Filed: August 22, 2014

PETITION OF GULF POWER COMPANY FOR APPROVAL OF FINAL FUEL COST TRUE-UP AMOUNTS FOR JANUARY 2013 THROUGH DECEMBER 2013; FINAL GPIF ADJUSTMENT FOR JANUARY 2013 THROUGH DECEMBER 2013; ESTIMATED FUEL COST TRUE-UP AMOUNTS FOR JANUARY 2014 THROUGH DECEMBER 2014; PROJECTED FUEL COST RECOVERY AMOUNTS FOR JANUARY 2015 THROUGH DECEMBER 2015; FINAL PURCHASED POWER CAPACITY COST TRUE-UP AMOUNTS FOR JANUARY 2013 THROUGH DECEMBER 2013; AMENDED AND RESTATED NEGOTIATED CONTRACT FOR PURCHASE OF RENEWABLE ENERGY BETWEEN GULF POWER COMPANY AND BAY COUNTY, FLORIDA; ESTIMATED PURCHASED POWER CAPACITY COST TRUE-UP AMOUNTS FOR JANUARY 2014 THROUGH DECEMBER 2014; PROJECTED PURCHASED POWER CAPACITY COST RECOVERY AMOUNTS FOR JANUARY 2015 THROUGH DECEMBER 2015; ESTIMATED AS-AVAILABLE AVOIDED ENERGY COSTS; GPIF TARGETS AND RANGES FOR JANUARY 2015 THROUGH DECEMBER 2015; FINANCIAL HEDGING ACTIVITIES AND SETTLEMENTS FOR AUGUST 2013 THROUGH JULY 2014; GULF POWER COMPANY'S RISK MANAGEMENT PLAN FOR FUEL PROCUREMENT; FUEL COST RECOVERY FACTORS TO BE APPLIED BEGINNING WITH THE PERIOD JANUARY 2015 THROUGH DECEMBER 2015; AND CAPACITY COST RECOVERY FACTORS TO BE APPLIED BEGINNING WITH THE PERIOD JANUARY 2015 THROUGH DECEMBER 2015

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

Jeffrey A. Stone
jas@beggslane.com
Russell A. Badders
rab@beggslane.com
Steven R. Griffin
srg@beggslane.com
Beggs & Lane
P. O. Box 12950
Pensacola, FL 32591

Robert L. McGee, Jr.
Regulatory and Pricing Manager
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0780

GULF POWER COMPANY ("Gulf Power", "Gulf", or "the Company"), by and through its undersigned counsel, hereby petitions this Commission for approval of the Company's (a) final fuel adjustment true-up amounts for the period January 2013 through December 2013; (b) final GPIF adjustment; (c) estimated fuel cost true-up amounts for the period January 2014 through December 2014; (d) projected fuel cost recovery amounts for the period January 2015 through December 2015; (e) final purchased power capacity cost true-up amounts for the period January 2013 through December 2013; (f) the Amended and Restated Negotiated Contract for the Purchase of Renewable Energy between Gulf Power Company and Bay County, Florida (g) estimated purchased power capacity cost true-up amounts for the period January 2014 through December 2014; (h) projected purchased power capacity cost recovery amounts for the period January 2015 through December 2015; (i) estimated as-available avoided energy costs for qualifying facilities (QF's); (j) GPIF targets and ranges for January 2015 through December 2015; (k) financial hedging activities and settlements for August 2013 through July 2014; (l) Gulf Power Company's Risk Management Plan; (m) fuel cost recovery factors to be applied beginning with the period January 2015 through December 2015; and (n) capacity cost recovery factors to be applied beginning with the period January 2015 through December 2015.

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 2013 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, 2013, the actual fuel true-up amount for the subject twelve months should be an under recovery of

$11,619,581 instead of the estimated under recovery of $6,665,066 as approved previously by this Commission. The difference between these two amounts, $4,954,515, is submitted for approval by the Commission to be collected in the next period. The supporting data has been prepared in accordance with the uniform system of accounts as applicable to the Company's fuel cost procedures and fairly presents the Company's fuel and purchased energy expenses for the period. Amounts spent by the Company for fuel and purchased energy are reasonable and prudent, and the Company makes every effort to secure the most favorable price for all of the fuel it purchases and for its energy purchases.

GPIF ADJUSTMENT

(2) On March 7, 2014, Gulf filed the testimony and exhibit of M. A. Young containing the Company’s actual operating results for the period January 2013 through December 2013. Based on the actual operating results for the period January 2013 through December 2013, Gulf should receive a reward in the amount of $3,075,930. 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 2014 through December 2014. Based on six months actual experience and six months projected data, the Company's estimated fuel cost true-up amount for the current period (January 2014 through December 2014) is an under recovery of $43,001,980. The supporting data is provided in the testimony and schedules of C. S. Boyett filed herewith. The estimated fuel cost true-up for the current period is combined with the net final fuel adjustment true-up for the period ending December 2013 to reach the total fuel cost true-up to be addressed in the factors for the next fuel

cost recovery period. The proposed fuel cost recovery factors reflect the collection of this total true-up amount, $47,956,495, during the period of January 2015 through December 2015.

PROJECTED FUEL COST RECOVERY AMOUNTS

(4) Gulf has calculated its projected fuel cost recovery amounts for the months January 2015 through December 2015 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 C. S. Boyett 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 Mr. Boyett 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 2013 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 2013, the final purchased power capacity cost true-up amount for the subject twelve months should be an actual under recovery of $2,925,803 instead

of the estimated under recovery of $2,263,786 as approved previously by this Commission. The difference between these two amounts, $662,017, is submitted for approval by the Commission to be collected in the next period. The supporting data has been prepared in accordance with the uniform system of accounts 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.

NEGOTIATED CONTRACT FOR THE PURCHASE OF RENEWABLE ENERGY

(6) Gulf requests Commission approval of the Amended and Restated Negotiated Contract for the Purchase of Renewable Energy between Gulf Power Company and Bay County, Florida (Contract), a copy of which is exhibit (HRB-2) to the testimony of H.R. Ball filed in this docket. This contract replaces the one previously negotiated by these parties and approved by the Commission. The amended and restated "as available energy" only contract is effective July 23, 2014, subject to Commission approval, and has a three year term. The Bay County Facility, located in Panama City, Florida, has a maximum output rating of 13.65 MW and is classified as a Renewable Generating Facility. The price Gulf pays for energy under this amended and restated contract has been reduced to reflect the lower market price for natural gas which served as the benchmark for establishing a replacement energy price. The rate for purchase and sale of energy pursuant to this agreement is fixed for the entire term. This contract is projected to be cost-effective. The Contract is reasonable and prudent and in the best interests of Gulf's customers and Bay County.

ESTIMATED PURCHASED POWER CAPACITY COST TRUE-UP

(7) Gulf has calculated its estimated purchased power capacity cost true-up amount for the period January 2014 through December 2014. 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 over recovery of $1,263,407. 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 2013 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 refund of this total capacity cost true-up amount, $601,390, during the period of January 2015 through December 2015.

PROJECTED PURCHASED POWER CAPACITY COST RECOVERY AMOUNTS

(8) Gulf has calculated its projected purchased power capacity cost recovery amounts for the months January 2015 through December 2015 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 $85,462,232 projected for the period January 2015 through December 2015.

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 C. S. Boyett 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 2015 through December 2015. 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

(9) 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 C. S. Boyett 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

(10) Gulf also seeks approval of the GPIF targets and ranges for the period January 2015 through December 2015. The computations and supporting data for the Company's GPIF targets and ranges are provided in the testimony and exhibit of M. A. Young filed herewith. The GPIF targets for the period January 2015 through December 2015 are:

Unit	EAF	Heat Rate
Crist 6	81.1	12,533
Crist 7	94.9	10,890
Daniel 1	73.3	10,366
Daniel 2	88.7	10,196
Smith 3	92.7	6,852
EAF = Equivalent Availability Factor (%)		

HEDGING ACTIVITIES AND SETTLEMENTS

(11) As demonstrated in Schedule 4 filed as part of Exhibit HRB-1 to the testimony of H.R. Ball on March 3, 2014 and the Hedging Information Report filed on August 13, 2014 and incorporated by reference as Exhibit HRB-5 to the testimony of H.R. Ball filed August 22, 2014, Gulf experienced a net loss of $13,876,453 associated with its natural gas hedging transactions effected between August 1, 2013 and July 31, 2014 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, 2013 through July 31, 2014 are prudent.

GULF POWER COMPANY'S RISK MANAGEMENT PLAN FOR FUEL PROCUREMENT

(12) Gulf Power hereby requests that the Commission approve its Risk Management Plan for Fuel Procurement dated July 25, 2014.

FUEL COST RECOVERY FACTORS

(13) The proposed levelized fuel and purchased energy cost recovery factor, including GPIF and True-Up, herein requested is 4.340 ¢/KWH. The proposed factors by rate schedule are:

<table>
<tr><th rowspan="3">Group</th><th rowspan="3">Rate Schedules*</th><th rowspan="3">Line Loss Multipliers</th><th colspan="3">Fuel Cost Factors ¢/KWH</th></tr>
<tr><th rowspan="2">Standard</th><th colspan="2">Time of Use</th></tr>
<tr><th>On-Peak</th><th>Off-Peak</th></tr>
<tr><td>A</td><td>RS, RSVP, GS, GSD, GSDT, GSTOU, SBS, OSIII</td><td>1.00773</td><td>4.374</td><td>5.179</td><td>4.036</td></tr>
<tr><td>B</td><td>LP, LPT, SBS</td><td>0.98353</td><td>4.269</td><td>5.054</td><td>3.939</td></tr>
<tr><td>C</td><td>PX, PXT, RTP, SBS</td><td>0.96591</td><td>4.192</td><td>4.964</td><td>3.868</td></tr>
<tr><td>D</td><td>OSI/II</td><td>1.00777</td><td>4.323</td><td>N/A</td><td>N/A</td></tr>
<tr><td colspan="6">*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.</td></tr>
</table>

CAPACITY COST RECOVERY FACTORS

(14) 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	0.916
GS	0.810
GSD, GSDT, GSTOU	0.703
LP, LPT	2.82 ($/kW)
PX, PXT, RTP, SBS	0.579
OS-I/II	0.122
OSIII	0.543

WHEREFORE, Gulf Power Company respectfully requests the Commission to approve the final fuel adjustment true-up for the period January 2013 through December 2013; the GPIF adjustment for the period January 2013 through December 2013; the estimated fuel cost true-up for the period January 2014 through December 2014; the projected fuel cost recovery amount for the period January 2015 through December 2015; the final purchased power capacity cost true-up amount for the period January 2013 through December 2013; the Amended and Restated Negotiated Contract for the Purchase of Renewable Energy between Gulf Power Company and Bay County, Florida; the estimated purchased power capacity cost recovery true-up amount for the period January 2014 through December 2014; the projected purchased power capacity cost recovery amount for the period January 2015 through December 2015; the estimated as-available avoided energy costs for QF's; the GPIF targets and ranges for the period January 2015 through December 2015; the financial hedging activities and settlements for the period August 2013 through July 2014; Gulf Power Company's Risk Management Plan for Fuel Procurement; the fuel cost recovery factors to be applied beginning with the period January 2015 through December 2015; and the capacity cost recovery factors to be applied beginning with the period January 2015 through December 2015.

Dated the 22nd day of August, 2014.

JEFFREY A. STONE
Florida Bar No. 325953
jas@beggslane.com
RUSSELL A. BADDERS
Florida Bar No. 007455
rab@beggslane.com
STEVEN R. GRIFFIN
Florida Bar No. 0627569
srg@beggslane.com
Beggs & Lane
P. O. Box 12950
Pensacola, FL 32591
(850) 432-2451
Attorneys for Gulf Power Company

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

FUEL AND PURCHASED POWER COST RECOVERY CLAUSE

Docket No. 140001-EI

PREPARED DIRECT TESTIMONY AND EXHIBITS OF

H. R. Ball

PROJECTION FILING FOR THE PERIOD

JANUARY 2015 – DECEMBER 2015

Date of Filing: August 22, 2014

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. 140001-EI
Date of Filing: August 22, 2014

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, 2015 through December 31, 2015. 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–3) 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-4) I am sponsoring as part of this testimony is Gulf Power Company's Hedging Information Report filed with the Commission Clerk on March 28, 2014 and assigned Document Number DN 01373-14 (redacted) and 01372-14 (confidential information). This exhibit details Gulf Power's natural gas hedging transactions for August through December 2013 in compliance with Order No. PSC-08-0316-PAA-EI. The third exhibit (HRB-5) I am sponsoring as part of this testimony is Gulf Power Company's Hedging Information Report filed with the Commission Clerk on August 13, 2014 and assigned Document Number DN 04362-14 (redacted) and 04363-14 (confidential information). This exhibit details Gulf Power's natural gas hedging transactions for January through July 2014 in compliance with Order No. PSC-08-0316-PAA-EI. The fourth exhibit (HRB-6) 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 July 25, 2014 and assigned Document Number DN 03980-14 (redacted) and 03982-14 (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-3), _____ (HRB-4), _____ (HRB-5), and_____ (HRB-6) 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 2015 through December 2015 recovery period?

A. Gulf's projected total fuel and net power transaction cost for the period is $441,827,719. This projected amount is captured in the exhibit to Witness Boyett's testimony, Schedule E-1, line 19.

Q. How does the total projected fuel and net power transactions cost for the 2015 period compare to the updated projection of fuel cost for the same period in 2014?

A. The total updated cost of fuel and net power transactions for 2014, reflected on Schedule E-1B-1 line 21 of Witness Boyett's testimony filed in this docket on July 25, 2014, is projected to be $503,586,400. The projected total cost of fuel and net power transactions for the 2015 period reflects a decrease of $61,758,681 or 12.26% less than the same period in 2014. On a fuel cost per kWh basis, the 2014 projected cost is 4.1229 cents per kWh and the 2015 projected fuel cost is 3.6441 cents per kWh, a decrease of 0.4788 cents per kWh or 11.61%.

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 2015 is $280,069,719. The projection of fuel cost of system generated power for 2015 is captured in the exhibit to Witness Boyett's testimony, Schedule E-1, line 5.

Q. How does the projected total fuel cost of generated power for the 2015 period compare to the updated projection of fuel cost for the same period in 2014?

A. The total updated cost of fuel to meet 2014 system generated power needs, reflected on Schedule E-1B-1, line 6 of Witness Boyett's testimony filed in this docket on July 25, 2014, is projected to be $408,146,475. The projected total cost of fuel to meet system net generation needs for the 2015 period reflects a decrease of $128,076,756 or 31.38% less than the same period in 2014. Total system net generation in 2015 is projected to be 7,527,320,000 kWh, which is 2,479,689,000 kWh or 24.78% lower than is currently projected for 2014. On a fuel cost per kWh basis, the 2014 projected cost is 4.0786 cents per kWh and the 2015 projected fuel cost is 3.7207 cents per kWh, a decrease of 0.3579 cents per kWh or 8.78%. This lower projected total fuel expense and average per unit fuel cost is the result of a lower projected cost of coal and a higher percentage of generation coming from lower cost (cents/kWh) natural gas units for the 2015 period. Weighted average coal burned price for 2014 as reflected on Schedule E-3, line 29 of Witness Boyett's testimony filed in this docket on July 25, 2014, is projected to be $90.25 per ton. Weighted average coal burned price for 2015, as reflected on Schedule E-3, line 29 of the exhibit to Witness Boyett's testimony, is projected to be $78.49 per ton. This reflects a cost decrease of $11.76 per ton or 13.03%. Several of Gulf's coal supply contracts have or will expire by the end of 2014 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 contracts will cover much of Gulf's 2015 projected coal burn needs. The remaining coal supply needs will be purchased on the spot market. Weighted average natural gas price for 2014, as reflected on Schedule E-3, line 33 of the exhibit to Witness Boyett's testimony filed in this docket on July 25, 2014, is projected to be $5.32 per MMBtu. When the cost of natural gas hedging settlements (Schedule E-1-B1, line 1a) is included in the total delivered gas cost, the 2014 projected cost is $5.10 per MMBtu. Weighted average natural gas price for 2015, as reflected on Schedule E-3, line 33 of the exhibit to Witness Boyett's testimony, is projected to be 5.12 $/MMBtu. This is an increase in price of $0.02 per MMBtu or 0.39%. As reflected on Schedule E-3, lines 40 and 41 of the exhibit to Witness Boyett's testimony, the projected fuel cost of Gulf's coal fired generation is 3.96 cents per kWh and the projected fuel cost of Gulf's gas fired generation is 3.51 cents per kWh for the 2015 period. The generation mix in 2014, as reflected on Schedule E-3, lines 23 and 24 of the exhibit to Witness Boyett's testimony filed in this docket on July 25, 2014, is projected to be 60.14% coal and 39.61% gas. The generation mix in 2015, as reflected on Schedule E-3, lines 23 and 24 of the exhibit to Witness Boyett's testimony, is projected to be 47.28% coal and 52.30% gas which is more heavily weighted to lower cost natural gas fired generation. The projected cost of landfill gas to supply the Perdido Landfill Gas to Energy Facility in the 2014 projection period is $754,039 and the rate as reflected on Schedule E-3, line 42 of the exhibit to Witness Boyett's testimony filed in this docket on July 25, 2014, is projected to be 3.01 cents per kWh. The total projected cost for landfill gas in 2015 is $963,353 and the total facility generation is projected to be 31,952,000 kWh. The average rate, as reflected on Schedule E-3, line 42 of the exhibit to Witness Boyett's testimony, is projected to be 3.02 cents per kWh.

Q. Does the 2015 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-6) 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 pipeline 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 2014 through July 2014?

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 28, 2014 and also on August 13, 2014 detailing its natural gas hedging transactions for August 2013 through July 2014. As noted earlier, I am sponsoring these reports as exhibits ______ (HRB-4 and HRB-5) to my testimony in this docket.

Q. Has Gulf adequately mitigated the price risk of natural gas and purchased power for 2014 through 2015?

A. Yes. Gulf has natural gas financial hedges in place for 2014 to adequately mitigate price risk. Gulf currently has natural gas hedges in place for 2015 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 by entering into financial hedge agreements whose total quantity exceed the projected natural gas burn for the period. 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 2015 period?

A. Gulf's projected recoverable fuel cost and gains on power sales is $47,966,000. This projected amount is captured in the exhibit to Witness Boyett's testimony, Schedule E-1, line 17.

Q. How does the total projected recoverable fuel cost and gains on power sales for the 2015 period compare to the projected recoverable fuel cost and gains on power sales for the same period in 2014?

A. The total updated recoverable fuel cost and gains on power sales in 2014, reflected on Schedule E-1B-1, line 18 of Witness Boyett's testimony filed in this docket on July 25, 2014, is projected to be $124,532,648. The projected recoverable fuel cost and gains on power sales in 2015 represents a decreased credit of $76,566,648 or 61.48%. Total quantity of power sales in 2015 is projected to be 1,503,711,000 kWh, which is 2,750,147,911 kWh or 64.65% less than currently projected for 2014. On a fuel cost per kWh basis, the 2014 projected cost is 2.9275 cents per kWh and the 2015 projected fuel cost is 3.1898 cents per kWh, which is an increase of 0.2623 cents per kWh or 8.96%. 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 $209,724,000. This projected amount is captured in the exhibit to Witness Boyett's testimony, Schedule E-1, line 12.

Q. How does the total projected purchased power cost for the 2015 period compare to the projected purchased power cost for the same period in 2014?

A. The total updated cost of purchased power to meet 2014 system needs, reflected on Schedule E-1B-1, line 13 of Witness Boyett's testimony filed in this docket on July 25, 2014, is projected to be $219,972,573. The projected cost of purchased power to meet system needs in 2015 is $10,248,573 or 4.66% less than is currently projected for 2014. The total quantity of purchased power in 2015 is projected to be 6,100,957,000 kWh, which is 360,136,663 kWh or 5.57% lower than is currently projected for 2014. On a fuel cost per kWh basis, the 2014 projected cost is 3.4046 cents per kWh and the 2015 projected fuel cost is 3.4376 cents per kWh, which represents an increase of 0.0330 cents per kWh or 0.97%.

Q. What is Gulf's projected recoverable capacity payments for the 2015 cost recovery period?

A. The total recoverable capacity payments for the period are $85,462,232. This amount is captured in the exhibit to Witness Boyett's testimony, Schedule CCE-1, line 10. Schedule CCE-4 of Mr. Boyett'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 2015 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 $88,756,724 is shown on Schedule CCE-4, line 29 in the exhibit to Witness Boyett's testimony. The total capacity cost included on Schedule CCE-4 line 29 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 $160,000 in its capacity cost recovery projection. This amount is captured in the exhibit to Witness Boyett's testimony, Schedule CCE-1, line 3.

Q. How do the total projected net jurisdictional capacity payments for the 2014 period compare to the current estimated net jurisdictional capacity payments for the same period in 2013?
A. Gulf's 2015 Projected Jurisdictional Capacity Payments, found in the exhibit to Witness Boyett's testimony, Schedule CCE-1, line 6, are $86,002,133. This amount is $25,353,309 or 41.80% greater than the current estimate of $60,648,824 (Schedule CCE-1B, line 6) for 2014 that was filed in Mr. Boyett's actual/estimated true-up testimony in this docket on July 25, 2014. The projected capacity payment increase is the result of an increase in Gulf's estimated PPA capacity payments. Contract capacity payments under Gulf's Central Alabama PPA increased beginning in June 2014 due to a scheduled increase in the capacity rate which was negotiated by Gulf and Shell Energy N.A. as part of the original contract approved by the Commission in Order No. PSC-09-0534-PAA-EI. This increase is offset by a decrease in capacity payments under both the Coral Baconton and Dahlberg PPA agreements which expired on May 31, 2014.

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

AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

Docket No. 140001-EI

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

Herbert R. Ball
Fuel Services Manager

Sworn to and subscribed before me this 21st day of August, 2014.

Melissa A. Darnes

Notary Public, State of Florida at Large

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

Schedule 1

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

Cents / KWH Fuel Cost

Period Ending	Projected(1)	Actual(1)	% Difference(1)
December 2004	2.0936	2.3270	11.15
December 2005	2.6566	2.8817	8.47
December 2006	2.9215	3.0902	5.77
December 2007	3.3156	3.2959	(0.59)
December 2008	3.7567	4.2044	11.92
December 2009	4.5498	4.2774	(5.99)
December 2010	4.9626	4.8818	1.66
December 2011	4.7917	4.7259	1.37
December 2012	4.2617	3.9806	(0.28)
December 2013	4.1654	4.2198	1.31
December 2014	4.1673(2)		
December 2015	3.7215(3)		

(1) Line No. 1 from FPSC Schedule A-1, December, Period To Date
(2) Line No. 1 from FPSC Schedule E-1B-1, 2014 Actual / Estimated True-Up
(3) Line No. 1 from FPSC Schedule E-1, 2015 Projection Filing

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

FUEL AND PURCHASED POWER COST RECOVERY CLAUSE

Docket No. 140001-EI

PREPARED DIRECT TESTIMONY AND EXHIBITS OF

C. SHANE BOYETT

PROJECTION FILING FOR THE PERIOD

JANUARY 2015 – DECEMBER 2015

AUGUST 22, 2014

GULF POWER

A SOUTHERN COMPANY

GULF POWER COMPANY

Before the Florida Public Service Commission
Prepared Direct Testimony and Exhibit of
C. Shane Boyett
Docket No. 140001-EI
Date of Filing: August 22, 2014

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

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

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

A. I graduated from the University of Florida in Gainesville, Florida in 2001 with a Bachelor of Science Degree in Business Administration. I also hold a Masters in Business Administration from the University of West Florida in Pensacola, Florida. I joined Gulf Power in 2002 as a Forecasting Specialist where I worked for five years until I took a position in the Regulatory and Cost Recovery area in 2007 as a Regulatory Analyst. After working in the Regulatory and Cost Recovery department for seven years, I transferred to Gulf Power's Financial Planning department as a Financial Analyst where I worked until being promoted to my current position of Supervisor of Regulatory and Cost Recovery. My responsibilities include supervision of: tariff administration, calculation of cost recovery factors, and the regulatory filing function of the Regulatory and Cost Recovery department.

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 2015 through December 2015. I will also discuss the calculation of the purchased power capacity cost recovery factors for the period January 2015 through December 2015.

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. Boyett's exhibit consisting of 15 schedules, be marked as Exhibit No. _____(CSB-2)

Q. Mr. Boyett, what is the levelized projected fuel factor for the period January 2015 through December 2015?

A. Gulf has proposed a levelized fuel factor of 4.340¢/kWh. This factor is based on projected fuel and purchased power energy expenses for January 2015 through December 2015 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 2015 is 0.171¢/kWh more or 4 percent higher than the levelized fuel factor in place January through December 2014.

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 2015 through December 2015.

A. As shown on Schedule E-1A of my exhibit, the true-up amount of $47,956,495 to be collected during 2015 includes an estimated under-recovery for the January through December 2014 period of $43,001,980 plus a final under-recovery for the period January through December 2013 of $4,954,515. The estimated under-recovery for the January through December 2014 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 2013 through December 2013?

A. The GPIF result is shown on Line 31 of Schedule E-1 as an increase of 0.0278¢/kWh to the levelized fuel factor, thereby rewarding Gulf $3,075,930.

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. Boyett, 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. Boyett, 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 4.374¢/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. Boyett, 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 2015 through December 2015. 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 2014 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 2014 is 4.201¢/kWh compared with the proposed factor of 4.374¢/kWh. For a residential customer who is billed for 1,000 kWh in January 2015, the fuel portion of the bill would increase from $42.01 to $43.74.

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 2015 through December 2016.

Q. What amount have you calculated to be the appropriate benchmark level for calendar year 2015 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 $621,977 has been calculated for 2015 as follows:

2012 actual gains	519,587
2013 actual gains	194,730
2014 estimated gains	1,151,614
Three-Year Average	$ 621,977

This amount represents the minimum projected threshold for 2015 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 2015.

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 2014 of my exhibit CSB-2 relate to the calculation of the PPCC recovery factors for the period January 2015 through December 2015.

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 2015 through

December 2015, is $88,596,724. The jurisdictional amount is $86,002,133. 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 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 approved by the Commission in Order No. PSC-12-0179-FOF-EI issued April 3, 2012, in Docket No. 110138-EI.

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 2012 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.

Gulf has calculated the PPCC factor for the LP/LPT rate classes based on kilowatt (kW) rather than kilowatt hour (kWh) in accordance with Order No. PSC-13-0670-S-EI issued December 9, 2013 in Docket No. 130140-EI. The total revenue requirement assigned to rate class LP/LPT shown in column E is then divided by the sum of the projected billing demands (kW) for the twelve-month period to calculate the PPCC recovery factor. This factor would be applied to each LP/LPT customer's billing demand (kW) to calculate the amount to be billed each month.

For all other rate classes, 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 is billed for 1,000 kWh will be $9.16.

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 2015 and continuing through the last billing cycle of December 2015.

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

AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

Docket No. 140001-EI

Before me, the undersigned authority, personally appeared C. Shane Boyett, who being first duly sworn, deposes and says that he is the Supervisor of Regulatory and Cost Recovery of Gulf Power Company, a Florida corporation, that the foregoing is true and correct to the best of his knowledge and belief. He is personally known to me.

C. Shane Boyett

C. Shane Boyett
Supervisor of Regulatory and Cost Recovery

Sworn to and subscribed before me this 21st day of August, 2014.

Melissa A. Darnes

Notary Public, State of Florida at Large

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

SCHEDULE E-1

FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
GULF POWER COMPANY
PROPOSED FOR THE PERIOD: JANUARY 2015 - DECEMBER 2015

Line			(a) $	(b) kWh	(c) ¢ / kWh
1	Fuel Cost of System Net Generation	E-3	277,100,854	7,445,892,000	3.7215
2	Coal Car Investment				
3	Other Generation	E-3	2,968,865	81,428,000	3.6460
4	Hedging Settlement	E-2			
5	**Total Cost of Generated Power**	(Line 1 - 4)	280,069,719	7,527,320,000	3.7207
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	209,724,000	6,100,957,000	3.4376
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)	209,724,000	6,100,957,000	3.4376
13	**Total Available kWh**	(Line 5 + 12)		13,628,277,000	
14	Fuel Cost of Economy Sales	E-6	(3,596,000)	(112,658,000)	3.1920
15	Gain on Economy Sales	E-6	(394,000)	0	N/A
16	Fuel Cost of Other Power Sales	E-6	(43,976,000)	(1,391,053,000)	3.1613
17	**Total Fuel Cost & Gains on Power Sales**	(Line 14 -16)	(47,966,000)	(1,503,711,000)	3.1898
18	Net Inadvertant Interchange				
19	**Total Fuel & Net Power Trans.**	(Line 5+12+17+18)	441,827,719	12,124,566,000	3.6441
20	Net Unbilled Sales *				
21	Company Use *		767,411	21,059,000	3.6441
22	T & D Losses *		25,025,930	686,752,000	3.6441
23	**System kWh Sales**		441,827,719	11,416,755,000	3.8700
24	Wholesale kWh Sales		13,704,947	354,133,000	3.8700
25	Jurisdictional kWh Sales		428,122,772	11,062,622,000	3.8700
25a	Jurisdictional Line Loss Multiplier		1.0015		1.0015
26	Jurisdictional kWh Sales Adjusted for Line Losses		428,764,957	11,062,622,000	3.8758
27	**True-Up** **		47,956,495	11,062,622,000	0.4335
28	**Total Jurisdictional Fuel Cost**		476,721,452	11,062,622,000	4.3093
29	Revenue Tax Factor				1.00072
30	Fuel Factor Adjusted For Revenue Taxes		477,064,691	11,062,622,000	4.3124
31	GPIF Reward/(Penalty) **		3,075,930	11,062,622,000	0.0278
32	Fuel Factor Adjusted for GPIF		480,140,621	11,062,622,000	4.3402
33	**Fuel Factor Rounded to Nearest .001(¢ / kWh)**				**4.340**

*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 2015 - DECEMBER 2015

1.	Estimated over/(under)-recovery, January 2014 - December 2014 (Sch. E-1B, page 2, line C9)	(\$43,001,980)
2.	Final over/(under)-recovery, January 2013 - December 2013 (Exhibit RWD-1, Schedule 1, Line 3)	(\$4,954,515)
3.	Total over/(under)-recovery (Lines 1 + 2) To be included in January 2015 - December 2015 (Schedule E1, Line 27)	(47,956,495)
4.	Jurisdictional kWh sales For the period: January 2015 - December 2015	11,062,622,000
5.	True-up Factor (Line 3 / Line 4) x 100 (¢ / kWh)	0.4335

CALCULATION OF ESTIMATED TRUE-UP
GULF POWER COMPANY
ACTUAL FOR THE PERIOD JANUARY 2014 - JUNE 2014 / ESTIMATED FOR JULY 2014 - DECEMBER 2014

				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		46,431,505.07	34,868,117.94	33,117,976.77	23,043,097.57	36,584,250.04	40,782,817.28	$214,827,764.67
	1a	Fuel Cost of Hedging Settlement		(1,412,120.00)	(3,266,585.00)	(1,182,675.00)	(715,550.00)	(1,105,865.00)	(776,560.00)	($8,459,355.00)
	2	Fuel Cost of Power Sold		(26,165,795.00)	(9,501,812.57)	(15,455,952.11)	(3,515,147.88)	(11,751,171.10)	(7,693,369.65)	($74,083,248.31)
	3	Fuel Cost of Purchased Power		25,890,323.05	15,443,580.25	20,422,742.75	13,920,285.28	17,680,225.99	15,891,931.43	$109,249,088.75
	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		1,784,533.44	704,344.70	825,610.72	685,679.02	580,937.44	601,379.33	$5,182,484.65
	4	Energy Cost of Economy Purchases		0.00	0.00	0.00	0.00	0.00	0.00	$0.00
	5	Other Generation		217,392.62	200,672.39	222,732.26	229,680.50	289,280.59	230,995.41	$1,390,753.77
	6	Adjustments to Fuel Cost *		266.30	(17,224.74)	2,300.00	5,150.00	940.53	0.00	($8,567.91)
	7	TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Thru A6)		46,746,105.48	38,431,092.97	37,952,735.39	33,653,194.49	$42,278,598.49	$49,037,193.80	$248,098,920.62
B	1	Jurisdictional KWH Sales		1,041,533,597	740,745,396	768,919,985	752,971,848	924,994,128	1,078,240,405	5,307,405,359
	2	Non-Jurisdictional KWH Sales		32,651,753	22,559,528	23,396,311	18,952,601	25,562,899	29,040,143	152,163,235
	3	TOTAL SALES (Lines B1 + B2)		1,074,185,350	763,304,924	792,316,296	771,924,449	950,557,027	1,107,280,548	5,459,568,594
	4	Jurisdictional % Of Total Sales (Line B1/B3)		96.9603%	97.0445%	97.0471%	97.5448%	97.3107%	97.3773%	
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	(1)	43,044,663.21	30,638,137.47	31,603,211.42	30,827,485.96	37,999,030.30	45,846,336.24	$219,958,864.60
	2	True-Up Provision		(1,333,230.00)	(1,333,230.00)	(1,333,230.00)	(1,333,230.00)	(1,333,230.00)	(1,333,230.00)	($7,999,380.00)
	2a	Incentive Provision		(138,429.00)	(138,429.00)	(138,429.00)	(138,429.00)	(138,429.00)	(138,429.00)	($830,574.00)
	3	FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Thru C2a)		$41,573,004.21	$29,166,478.47	$30,131,552.42	$29,355,826.96	$36,527,371.30	$44,374,677.24	$211,128,910.60
	4	Fuel & Net Power Transactions (Line A7)		46,746,105.48	38,431,092.97	37,952,735.39	33,653,194.49	42,278,598.49	49,037,193.80	$248,098,920.62
	5	Jurisdictional Fuel Cost Adj. for Line Losses (Line A7 x Line B4 x 1.0015)		45,393,151.86	37,351,204.91	36,887,277.11	32,876,181.67	41,203,312.54	47,822,721.96	$241,533,850.05
	6	Over/(Under) Recovery (Line C3-C5)		(3,820,147.65)	(8,184,726.44)	(6,755,724.69)	(3,520,354.71)	(4,675,941.24)	(3,448,044.72)	($30,404,939.45)
	7	Interest Provision		(1,398.39)	(1,558.31)	(1,914.34)	(2,319.19)	(2,493.53)	(2,284.80)	($11,968.56)
	8	Adjustments		0.00	0.00	0.00	0.00	0.00	0.00	$0.00
	9	**TOTAL ESTIMATED TRUE-UP FOR THE PERIOD JANUARY 2014 - JUNE 2014**								($30,416,908.01)

* (Gain)/Loss on sales of natural gas and costs of contract dispute litigation.
Note 1: Projected revenues for based on the current approved 2014 Fuel Factor excluding revenue taxes of: 4.1664 ¢/KWH

CALCULATION OF ESTIMATED TRUE-UP
GULF POWER COMPANY
ACTUAL FOR THE PERIOD JANUARY 2014 - JUNE 2014 / ESTIMATED FOR JULY 2014 - DECEMBER 2014

			JULY PROJECTION	AUGUST PROJECTION	SEPTEMBER PROJECTION	OCTOBER PROJECTION	NOVEMBER PROJECTION	DECEMBER PROJECTION	TOTAL PERIOD
			(a)	(a)	(c)	(d)	(e)	(f)	(g)
A	1	Fuel Cost of System Generation	43,178,200.00	42,753,452.00	32,335,579.00	25,250,108.00	25,087,979.00	30,228,271.00	$413,661,353.67
	1a	Fuel Cost of Hedging Settlement	(592,535.00)	123,525.00	151,320.00	224,812.00	163,905.00	(55,224.00)	($8,443,552.00)
	2	Fuel Cost of Power Sold	(12,199,000.00)	(12,472,200.00)	(7,549,400.00)	(1,671,600.00)	(8,570,200.00)	(7,987,000.00)	($124,532,648.31)
	3	Fuel Cost of Purchased Power	19,768,000.00	19,816,000.00	18,857,000.00	14,360,000.00	17,421,000.00	15,319,000.00	$214,790,088.75
	3a	Demand & Non-Fuel Cost Of Purchased Power	0.00	0.00	0.00	0.00	0.00	0.00	$0.00
	3b	Energy Payments to Qualified Facilities	0.00	0.00	0.00	0.00	0.00	0.00	$5,182,484.65
	4	Energy Cost of Economy Purchases	0.00	0.00	0.00	0.00	0.00	0.00	$0.00
	5	Other Generation	312,535.00	312,535.00	302,472.00	208,551.00	201,843.00	208,551.00	$2,937,240.77
	6	Adjustments to Fuel Cost *	0.00	0.00	0.00	0.00	0.00	0.00	($8,567.91)
	7	TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Thru A6)	$50,467,200.00	$50,533,312.00	$44,096,971.00	$38,371,871.00	$34,304,527.00	$37,713,598.00	$503,586,399.62
B	1	Jurisdictional KWH Sales	1,198,218,000	1,178,147,000	1,039,787,000	867,231,000	748,462,000	835,508,000	11,174,758,359
	2	Non-Jurisdictional KWH Sales	34,667,000	35,060,000	30,639,000	26,592,000	24,901,000	29,166,000	333,188,235
	3	TOTAL SALES (Lines B1 + B2)	1,232,885,000	1,213,207,000	1,070,426,000	893,823,000	773,363,000	864,674,000	11,507,946,594
	4	Jurisdictional % Of Total Sales (Line B1/B3)	97.1881%	97.1101%	97.1377%	97.0249%	96.7802%	96.6269%	
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes) (1)	49,922,557.05	49,086,318.87	43,321,687.56	36,132,314.05	31,183,922.20	34,810,606.92	$464,416,271.25
	2	True-Up Provision	(1,333,230)	(1,333,230)	(1,333,230)	(1,333,230)	(1,333,230)	(1,333,231)	($15,998,761.00)
	2a	Incentive Provision	(138,429)	(138,429)	(138,429)	(138,429)	(138,429)	(138,427)	($1,661,146.00)
	3	FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Thru C2a)	$48,450,898.05	$47,614,659.87	$41,850,028.56	$34,660,655.05	$29,712,263.20	$33,338,948.92	$446,756,364.25
	4	Fuel & Net Power Transactions (Line A7)	50,467,200.00	50,533,312.00	44,096,971.00	38,371,871.00	34,304,527.00	37,713,598.00	$503,586,399.62
	5	Jurisdictional Fuel Cost Adj. for Line Losses (Line A7 x Line B4 x 1.0015)	49,121,684.97	49,146,559.24	42,899,035.57	37,286,114.87	33,249,789.82	36,496,142.85	$489,733,177.37
	6	Over/(Under) Recovery (Line C3-C5)	(670,786.92)	(1,531,899.37)	(1,049,007.01)	(2,625,459.82)	(3,537,526.62)	(3,157,193.93)	($42,976,813.12)
	7	Interest Provision	(2,151.98)	(2,140.49)	(2,138.46)	(2,163.77)	(2,251.29)	(2,352.11)	($25,166.66)
	8	Adjustments	0.00	0.00	0.00	0.00	0.00	0.00	$0.00
	9	**TOTAL ESTIMATED TRUE-UP FOR THE PERIOD JANUARY 2014 - DECEMBER 2014**							($43,001,979.78)

* (Gain)/Loss on sales of natural gas and costs of contract dispute litigation.
Note 1: Projected revenues for based on the current approved 2014 Fuel Factor excluding revenue taxes of: 4.1664

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 2014 - JUNE 2014 / ESTIMATED FOR JULY 2014 - DECEMBER 2014

	DOLLARS				kWh				¢/kWh			
	ESTIMATED/ ACTUAL	ESTIMATED/ ORIGINAL	DIFFERENCE AMOUNT	DIFFERENCE %	ESTIMATED/ ACTUAL	ESTIMATED/ ORIGINAL	DIFFERENCE AMOUNT	DIFFERENCE %	ESTIMATED/ ACTUAL	ESTIMATED/ ORIGINAL	DIFFERENCE AMT.	DIFFERENCE %
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)
1 Fuel Cost of System Net Generation	413,661,354	355,672,030	57,989,324	16.30	9,926,448,000	8,851,840,000	1,074,608,000	12.14	4.1673	4.0181	0.1492	3.71
1a Fuel Cost of Hedging Settlement	(8,443,552)	0	(8,443,552)	(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	2,937,241	3,254,676	(317,435)	(9.75)	80,561,000	81,428,000	(867,000)	(1.06)	3.6460	3.9970	(0.3510)	(8.78)
5 Adjustments to Fuel Cost ***	(8,568)	0	(8,568)	(100.00)	0	0				0.0000		
6 TOTAL COST OF GENERATED POWER	408,146,475	358,926,706	49,219,769	13.71	10,007,009,000	8,933,268,000	1,073,741,000	12.02	4.0786	4.0179	0.0607	1.51
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)	214,790,089	173,773,123	41,016,966	23.60	6,359,178,663	5,470,006,000	889,172,663	16.26	3.3776	3.1768	0.2008	6.32
10 Energy Cost of Schedule E Economy Purchases	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.0000	0.00
11 Capacity Cost of Schedule E Economy Purchases	0	0	0	0.00	0	0	0	0.00	0.0000	0.0000	0.0000	0.00
12 Energy Payments to Qualifying Facilities	5,182,485	0	5,182,485	100.00	101,915,000	0	101,915,000	100.00	5.0851	0.0000	5.0851	100.00
13 TOTAL COST OF PURCHASED POWER	219,972,573	173,773,123	46,199,450	26.59	6,461,093,663	5,470,006,000	991,087,663	18.12	3.4046	3.1768	0.2278	7.17
14 Total Available kWh (Line 6 + Line 13)	628,119,048	532,699,829	95,419,219	17.91	16,468,102,663	14,403,274,000	2,064,828,663	14.34	3.8142	3.6985	0.1157	3.13
15 Fuel Cost of Economy Sales	(7,021,399)	(2,432,000)	(4,589,399)	188.71	(202,363,932)	(75,070,000)	(127,293,932)	169.57	3.4697	3.2396	0.2301	7.10
16 Gain on Economy Sales	(1,151,614)	(594,995)	(556,619)	93.55	0	0						
17 Fuel Cost of Other Power Sales	(116,359,635)	(69,218,000)	(47,141,635)	68.11	(4,051,494,979)	(2,108,392,000)	(1,943,102,979)	92.16	2.8720	3.2830	(0.4110)	(12.52)
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(124,532,648)	(72,244,995)	(52,287,653)	72.38	(4,253,858,911)	(2,183,462,000)	(2,070,396,911)	94.82	2.9275	3.3087	(0.3812)	(11.52)
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**	503,586,400	460,454,834	43,131,566	9.37	12,214,243,752	12,219,812,000	(5,568,248)	(0.05)	4.1229	3.7681	0.3548	9.42
(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 *	858,354	808,446	49,908	6.17	20,819,173	21,455,000	(635,827)	(2.96)	4.1229	3.7681	0.3548	9.42
24 T & D Losses *	28,261,465	26,114,139	2,147,326	8.22	685,475,385	693,032,000	(7,556,615)	(1.09)	4.1229	3.7681	0.3548	9.42
25 TERRITORIAL (SYSTEM) SALES	503,586,400	460,454,834	43,131,566	9.37	12,214,243,752	12,219,812,000	(5,568,248)	(0.05)	4.1229	3.7681	0.3548	9.42
26 Wholesale Sales	13,737,164	14,049,252	(312,088)	(2.22)	333,188,235	333,188,235	0	0.00	4.1229	4.2166	(0.0937)	(2.22)
27 Jurisdictional Sales	489,849,236	446,405,582	43,443,654	9.73	11,881,055,517	11,137,571,643	743,483,874	6.68	4.1229	4.0081	0.1148	2.86
28 Jurisdictional Loss Multiplier	1.0015	1.0015										
29 Jurisdictional Sales Adj. for Line Losses (Line 27 x 1.0015)	489,733,177	447,075,190	42,657,987	9.54	11,174,760,959	11,154,278,000	20,482,959	0.18	4.3825	4.0081	0.3744	9.34
30 TRUE-UP **	15,998,761	15,998,761	0	0.00	11,174,760,959	11,154,278,000	20,482,959	0.18	0.1432	0.1434	(0.0002)	(0.14)
31 TOTAL JURISDICTIONAL FUEL COST	505,731,938	463,073,951	42,657,987	9.21	11,174,760,959	11,154,278,000	20,482,959	0.18	4.5257	4.1515	0.3742	9.01
32 Revenue Tax Factor									1.00072	1.00072		
33 Fuel Factor Adjusted for Revenue Taxes									4.5290	4.1545	0.3745	9.01
34 GPIF Reward / (Penalty) **	1,662,342	1,662,342	0	0.00	11,174,760,959	11,154,278,000	20,482,959	0.18	0.0149	0.0149	0.0000	0.00
35 Fuel Factor Adjusted for GPIF Reward / (Penalty)									4.5439	4.1694	0.3745	8.98
36 **FUEL FACTOR ROUNDED TO NEAREST .001(¢/kWh)**									4.544	4.169	0.3750	8.99

* 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 2015 - DECEMBER 2015

1. TOTAL AMOUNT OF ADJUSTMENTS:		
A. Generating Performance Incentive Reward/(Penalty)	$	3,075,930
B. True-Up (Over)/Under Recovered	$	47,956,495
2. Jurisdictional kWh sales For the period: January 2015 - December 2015		11,062,622,000
3. ADJUSTMENT FACTORS:		
A. Generating Performance Incentive Factor		0.0278
B. True-Up Factor		0.4335

SCHEDULE E-1D

DETERMINATION OF FUEL RECOVERY FACTOR
TIME OF USE RATE SCHEDULES
GULF POWER COMPANY
PROPOSED FOR THE PERIOD: JANUARY 2015 - DECEMBER 2015

	NET ENERGY FOR LOAD %
On-Peak	29.57
Off-Peak	70.43
	100.00

	AVERAGE	ON-PEAK	OFF-PEAK
Cost per kWh Sold	3.8700	4.6670	3.5356
Jurisdictional Loss Factor	1.0015	1.0015	1.0015
Jurisdictional Fuel Factor	3.8758	4.6740	3.5409
GPIF	0.0278	0.0278	0.0278
True-Up	0.4335	0.4335	0.4335
TOTAL	4.3371	5.1353	4.0022
Revenue Tax Factor	1.00072	1.00072	1.00072
Recovery Factor	4.3402	5.1390	4.0051
Recovery Factor Rounded to the Nearest .001 ¢/kWh	4.340	5.139	4.005

HOURS:		
	ON-PEAK	25.10%
	OFF-PEAK	74.90%
		100.00%

SCHEDULE E-1E

FUEL RECOVERY FACTORS - BY RATE GROUP
(ADJUSTED FOR LINE/TRANSFORMATION LOSSES)
GULF POWER COMPANY
PROPOSED FOR THE PERIOD: JANUARY 2015 - DECEMBER 2015

Group	Rate Schedules	Average Factor	Fuel Recovery Loss Multipliers	Standard Fuel Recovery Factor
A	RS, RSVP, GS, GSD, GSDT, GSTOU, OSIII, SBS (1)	4.340	1.00773	4.374
B	LP, LPT, SBS (2)	4.340	0.98353	4.269
C	PX, PXT, RTP, SBS (3)	4.340	0.96591	4.192
D	OS-I/II	4.340	1.00777	4.323 *

Group		TOU
A	On-Peak	5.179
	Off-Peak	4.036
B	On-Peak	5.054
	Off-Peak	3.939
C	On-Peak	4.964
	Off-Peak	3.868
D	On-Peak	N/A
	Off-Peak	N/A

Group D Calculation

* D	On-Peak	5.139	¢ / kWh	x	0.2510	=	1.290	¢ / kWh
	Off-Peak	4.005	¢ / kWh	x	0.7490	=	3.000	¢ / kWh
							4.290	¢ / kWh
	Line Loss Multiplier					x	1.00777	
							4.323	¢ / 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
TO BE INCLUDED IN THE PERIOD: JANUARY 2015 - DECEMBER 2015

		(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	26,324,352	26,549,512	26,062,657	28,060,175	19,535,197	24,157,597	30,392,655	28,842,815	22,086,320	17,532,198	11,811,459	15,745,917	277,100,854
1a	Other Generation	208,551	188,425	208,551	201,843	312,535	302,472	312,535	312,535	302,472	208,551	201,843	208,551	2,968,865
2	Fuel Cost of Power Sold	(6,443,000)	(10,235,000)	(722,000)	(1,223,000)	(2,327,000)	(2,555,000)	(5,267,000)	(4,958,000)	(2,240,000)	(1,191,000)	(5,882,000)	(4,923,000)	(47,966,000)
3	Fuel Cost of Purchased Power	18,968,000	15,687,000	6,622,000	5,796,000	18,720,000	20,368,000	21,232,000	21,390,000	19,708,000	17,357,000	22,398,000	21,478,000	209,724,000
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)	39,057,903	32,189,937	32,171,208	32,835,017	36,240,732	42,273,069	46,670,191	45,587,350	39,856,792	33,906,750	28,529,302	32,509,468	441,827,719
7	System kWh Sold	902,308,000	766,957,000	785,829,000	787,285,000	979,704,000	1,128,419,000	1,228,842,000	1,211,999,000	1,071,895,000	898,952,000	780,357,000	874,208,000	11,416,755,000
7a	Jurisdictional % of Total Sales	96.6685	96.7003	96.8253	96.8884	96.9664	97.0871	97.1047	97.0310	97.0560	96.9332	96.6850	96.5485	96.8981
8	Cost per kWh Sold (¢/kWh)	4.3287	4.1971	4.0939	4.1707	3.6992	3.7462	3.7979	3.7613	3.7183	3.7718	3.6559	3.7187	3.8700
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)	4.3352	4.2034	4.1000	4.1770	3.7047	3.7518	3.8036	3.7669	3.7239	3.7775	3.6614	3.7243	3.8758
9	GPIF (¢/kWh) *	0.0294	0.0346	0.0337	0.0336	0.0270	0.0234	0.0215	0.0218	0.0246	0.0294	0.0340	0.0304	0.0278
10	True-Up (¢/kWh) *	0.4582	0.5388	0.5252	0.5239	0.4207	0.3648	0.3349	0.3398	0.3841	0.4586	0.5297	0.4735	0.4335
11	TOTAL	4.8228	4.7768	4.6589	4.7345	4.1524	4.1400	4.1600	4.1285	4.1326	4.2655	4.2251	4.2282	4.3371
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	4.8263	4.7802	4.6623	4.7379	4.1554	4.1430	4.1630	4.1315	4.1356	4.2686	4.2281	4.2312	4.3402
14	**Recovery Factor Rounded to the Nearest .001 ¢/kWh**	4.826	4.780	4.662	4.738	4.155	4.143	4.163	4.132	4.136	4.269	4.228	4.231	4.340

* CALCULATIONS BASED ON JURISDICTIONAL kWh SALES

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
GULF POWER COMPANY
TO BE INCLUDED IN THE PERIOD: JANUARY 2015 - DECEMBER 2015

	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FUEL COST - NET GEN. ($)													
1 LIGHTER OIL (B.L.)	136,749	106,902	106,635	105,024	63,271	70,337	85,947	85,824	70,029	62,776	62,722	85,554	1,041,770
2 COAL	14,959,242	14,633,280	13,282,829	17,754,612	8,155,943	12,215,780	17,572,939	16,190,515	10,235,732	5,294,016	3,477,059	3,793,219	137,565,166
3 GAS - Generation	11,146,060.7	11,713,054.9	12,590,893.3	10,133,610.7	11,417,667.3	11,914,609.3	12,723,886.6	12,576,592.9	11,823,658.5	12,141,539.5	8,234,148.0	11,753,276.9	138,168,999
4 GAS (B.L.)	227,536	227,536	227,536	207,536	147,536	167,536	227,536	207,536	167,536	147,536	147,536	227,536	2,330,432
5 LANDFILL GAS	63,315	57,164	63,315	61,235	63,315	91,807	94,882	94,882	91,837	94,882	91,837	94,882	963,353
6 OIL - C.T.	0	0	0	0	0	0	0	0	0	0	0	0	0
7 TOTAL ($)	26,532,903	26,737,937	26,271,208	28,262,017	19,847,732	24,460,069	30,705,191	29,155,350	22,388,792	17,740,750	12,013,302	15,954,468	280,069,719
SYSTEM NET GEN. (MWh)													
8 LIGHTER OIL (B.L.)	0	0	0	0	0	0	0	0	0	0	0	0	0
9 COAL	339,668	375,344	335,796	458,004	224,173	328,397	461,756	432,676	278,983	140,797	96,511	86,396	3,558,501
10 GAS	287,013	315,640	346,339	276,369	321,892	338,633	369,125	367,116	340,020	353,032	250,012	371,676	3,936,867
11 LANDFILL GAS	2,100	1,896	2,100	2,031	2,100	3,045	3,147	3,147	3,046	3,147	3,046	3,147	31,952
12 OIL - C.T.	0	0	0	0	0	0	0	0	0	0	0	0	0
13 TOTAL (MWH)	628,781	692,880	684,235	736,404	548,165	670,075	834,028	802,939	622,049	496,976	349,569	461,219	7,527,320
UNITS OF FUEL BURNED													
14 LIGHTER OIL (BBL)	1,091	856	856	842	511	567	692	692	567	511	511	692	8,388
15 COAL (TON)	159,057	175,374	160,849	226,671	117,150	163,403	225,828	210,291	140,337	78,260	52,637	42,792	1,752,649
16 GAS-all (MCF) (1)	1,936,986	2,132,631	2,341,416	1,857,370	2,150,633	2,270,734	2,465,460	2,452,799	2,279,273	2,358,250	1,671,729	2,498,747	26,416,028
17 OIL - C.T. (BBL)	0	0	0	0	0	0	0	0	0	0	0	0	0
BTUS BURNED (MMBtu)													
18 COAL + GAS B.L. + OIL B.L.	3,770,293	4,002,674	3,689,087	4,971,249	2,340,455	3,420,333	4,890,959	4,526,186	2,892,580	1,540,004	1,021,332	986,803	38,051,955
19 GAS-Generation (1)	1,936,986	2,132,631	2,341,416	1,857,370	2,150,633	2,270,734	2,465,460	2,452,799	2,279,273	2,358,250	1,671,729	2,498,747	26,416,028
20 OIL - C.T.	0	0	0	0	0	0	0	0	0	0	0	0	0
21 TOTAL (MMBtu) (1)	5,707,279	6,135,305	6,030,503	6,828,619	4,491,088	5,691,067	7,356,419	6,978,985	5,171,853	3,898,254	2,693,061	3,485,550	64,467,983

(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
TO BE INCLUDED IN THE PERIOD: JANUARY 2015 - DECEMBER 2015

		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	54.02	54.18	49.07	62.19	40.90	49.01	55.36	53.89	44.85	28.33	27.61	18.73	47.28
24	GAS-Generation	45.65	45.55	50.62	37.53	58.72	50.54	44.26	45.72	54.66	71.04	71.52	80.59	52.30
25	LANDFILL GAS	0.33	0.27	0.31	0.28	0.38	0.45	0.38	0.39	0.49	0.63	0.87	0.68	0.42
26	OIL - C.T.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	TOTAL (% MWH)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	FUEL COST ($ / UNIT)													
28	LIGHTER OIL ($/BBL)	125.34	124.89	124.57	124.73	123.82	124.05	124.20	124.02	123.51	122.85	122.74	123.63	124.20
29	COAL ($/TON)	94.05	83.44	82.58	78.33	69.62	74.76	77.82	76.99	72.94	67.65	66.06	88.64	78.49
30	GAS + B.L. ($/MCF) (1)	5.76	5.51	5.39	5.46	5.23	5.19	5.13	5.08	5.13	5.12	4.89	4.71	5.21
31	OIL - C.T.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FUEL COST ($ / MMBtu)													
32	COAL + GAS B.L. + OIL B.L.	4.06	3.74	3.69	3.63	3.57	3.64	3.66	3.64	3.62	3.57	3.61	4.16	3.70
33	GAS-Generation (1)	5.65	5.40	5.29	5.35	5.16	5.11	5.03	5.00	5.05	5.06	4.80	4.62	5.12
34	OIL - C.T.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	TOTAL ($/MMBtu) (1)	4.60	4.32	4.31	4.10	4.34	4.23	4.12	4.12	4.25	4.47	4.35	4.49	4.28
	BTU BURNED (Btu / kWh)													
36	COAL + GAS B.L. + OIL B.L.	11,100	10,664	10,986	10,854	10,440	10,415	10,592	10,461	10,368	10,938	10,583	11,422	10,693
37	GAS-Generation (1)	6,886	6,869	6,874	6,858	6,864	6,874	6,838	6,841	6,871	6,790	6,838	6,828	6,852
38	OIL - C.T.	0	0	0	0	0	0	0	0	0	0	0	0	0
39	TOTAL (Btu/kWh) (1)	9,191	8,946	8,915	9,369	8,356	8,639	8,946	8,821	8,469	7,986	7,898	7,705	8,696
	FUEL COST (CENTS / kWh)													
40	COAL + GAS B.L. + OIL B.L.	4.51	3.99	4.06	3.94	3.73	3.79	3.87	3.81	3.75	3.91	3.82	4.75	3.96
41	GAS-Generation	3.88	3.71	3.64	3.67	3.55	3.52	3.45	3.43	3.48	3.44	3.29	3.16	3.51
42	LANDFILL GAS	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02
43	OIL - C.T.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	TOTAL (¢/kWh)	4.22	3.86	3.84	3.84	3.62	3.65	3.68	3.63	3.60	3.57	3.44	3.46	3.72

(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
PROJECTED FOR THE MONTH OF: JANUARY 2015

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost ($)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	8,055	14.4	86.6	55.4	12,091	Coal	4,092	11,901	97,393	362,161	4.50	88.50
2	4							Gas - G						
3	Crist 5	75	23,054	41.3	93.3	55.8	11,576	Coal	11,212	11,901	266,871	992,373	4.30	88.51
4	5							Gas - G						
5	Crist 6	299	22,845	10.3	95.6	41.8	12,828	Coal	12,312	11,901	293,053	1,089,732	4.77	88.51
6	6							Gas - G						
7	Crist 7	475	145,730	41.2	97.8	54.7	10,947	Coal	67,023	11,901	1,595,305	5,932,223	4.07	88.51
8	7							Gas - G						
9	Perdido		2,100					Landfill Gas				63,315	3.02	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	59,572	49.4	99.5	70.4	10,931	Coal	26,608	12,237	651,182	3,108,266	5.22	116.82
13	Smith 2	195	37,515	25.9	99.8	55.9	10,944	Coal	16,776	12,237	410,562	1,959,722	5.22	116.82
14	Smith 3	584	281,293	64.7	83.1	77.9	6,886	Gas	1,880,569	1,030	1,936,986	10,937,510	3.89	5.82
15	Smith A (CT)	40	0	0.0	100.0	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		5,720					Gas				208,551	3.65	N/A
17	Daniel 1 (1)	255	21,171	11.2	51.2	38.1	10,150	Coal	10,523	10,211	214,889	757,798	3.58	72.01
18	Daniel 2 (1)	255	21,726	11.5	70.5	35.0	9,880	Coal	10,511	10,211	214,653	756,967	3.48	72.02
19	Gas,BL							Gas	19,417	1,030	20,000	227,536	N/A	11.72
20	Ltr. Oil							Oil	1,091	139,400	6,385	136,749	N/A	125.34
21		2,507	628,781	33.7	86.5	53.1	9,191				5,707,279	26,532,903	4.22	

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

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
PROJECTED FOR THE MONTH OF: FEBRUARY 2015

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost ($)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	22,884	45.4	98.6	55.9	12,056	Coal	11,603	11,889	275,890	1,012,742	4.43	87.28
2	4							Gas - G						
3	Crist 5	75	5,284	10.5	99.8	54.3	11,654	Coal	2,590	11,889	61,580	226,049	4.28	87.28
4	5							Gas - G						
5	Crist 6	299	1,510	0.8	92.8	38.8	13,574	Coal	862	11,889	20,496	75,237	4.98	87.28
6	6							Gas - G						
7	Crist 7	475	169,991	53.3	97.2	54.5	10,951	Coal	78,293	11,889	1,861,573	6,833,498	4.02	87.28
8	7							Gas - G						
9	Perdido		1,896					Landfill Gas				57,164	3.02	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	59,227	54.4	95.9	70.4	10,931	Coal	27,987	11,566	647,410	2,533,097	4.28	90.51
13	Smith 2	195	11,942	9.1	78.5	54.2	10,748	Coal	5,549	11,566	128,355	502,210	4.21	90.50
14	Smith 3	584	310,472	79.1	98.9	79.9	6,869	Gas	2,070,516	1,030	2,132,631	11,524,630	3.71	5.57
15	Smith A (CT)	40	0	0.0	100.0	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		5,168					Gas				188,425	3.65	N/A
17	Daniel 1 (1)	255	0	0.0	0.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
18	Daniel 2 (1)	255	104,506	61.0	97.6	33.0	9,400	Coal	48,490	10,129	982,361	3,450,447	3.30	71.16
19	Gas,BL							Gas	19,417	1,030	20,000	227,536	N/A	11.72
20	Ltr. Oil							Oil	856	139,400	5,009	106,902	N/A	124.89
21		2,507	692,880	41.1	86.0	49.0	8,946				6,135,305	26,737,938	3.86	

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

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
PROJECTED FOR THE MONTH OF: MARCH 2015

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost ($)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	4,446	8.0	99.7	55.9	12,056	Coal	2,259	11,863	53,601	194,263	4.37	86.00
2	4							Gas - G						
3	Crist 5	75	26,033	46.7	99.3	55.9	11,576	Coal	12,702	11,863	301,366	1,092,221	4.20	85.99
4	5							Gas - G						
5	Crist 6	299	28,245	12.7	85.6	41.8	13,201	Coal	15,715	11,863	372,864	1,351,346	4.78	85.99
6	6							Gas - G						
7	Crist 7	475	127,178	36.0	78.7	53.5	10,680	Coal	57,247	11,863	1,358,259	4,922,648	3.87	85.99
8	7							Gas - G						
9	Perdido		2,100					Landfill Gas				63,315	3.02	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	17,022	14.1	83.6	69.6	10,831	Coal	8,016	11,500	184,365	687,093	4.04	85.72
13	Smith 2	195	63,695	43.9	99.6	56.2	10,728	Coal	29,709	11,500	683,318	2,546,596	4.00	85.72
14	Smith 3	557	340,619	82.1	99.0	83.1	6,874	Gas	2,273,219	1,030	2,341,416	12,382,342	3.64	5.45
15	Smith A (CT)	36	0	0.0	100.0	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		5,720					Gas				208,551	3.65	N/A
17	Daniel 1 (1)	255	0	0.0	6.3	0.0	N/A	Coal	0	0	0	0	N/A	N/A
18	Daniel 2 (1)	255	69,177	36.5	69.5	0.0	10,268	Coal	35,201	10,089	710,305	2,488,662	3.60	70.70
19	Gas,BL							Gas	19,417	1,030	20,000	227,536	N/A	11.72
20	Ltr. Oil							Oil	856	139,400	5,009	106,635	N/A	124.57
21		2,476	684,235	37.1	80.0	46.4	8,915				6,030,503	26,271,208	3.84	

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

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
PROJECTED FOR THE MONTH OF: APRIL 2015

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost ($)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	26,196	48.5	98.5	55.8	12,065	Coal	13,331	11,854	316,055	1,137,820	4.34	85.35
2	4							Gas - G						
3	Crist 5	75	6,002	11.1	99.9	54.9	11,892	Coal	3,011	11,854	71,373	256,948	4.28	85.34
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	173,361	50.7	94.1	53.7	11,274	Coal	82,440	11,854	1,954,474	7,036,240	4.06	85.35
8	7							Gas - G						
9	Perdido		2,031					Landfill Gas				61,235	3.02	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	0	0.0	0.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
13	Smith 2	195	39,327	28.0	49.8	56.3	10,727	Coal	18,342	11,500	421,864	1,718,914	4.37	93.71
14	Smith 3	557	270,833	67.5	79.3	85.1	6,858	Gas	1,803,272	1,030	1,857,370	9,931,768	3.67	5.51
15	Smith A (CT)	36	0	0.0	100.0	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		5,536					Gas				201,843	3.65	N/A
17	Daniel 1 (1)	255	96,332	52.5	97.7	32.0	10,316	Coal	49,765	9,984	993,762	3,454,665	3.59	69.42
18	Daniel 2 (1)	255	116,786	63.6	97.3	32.9	10,222	Coal	59,782	9,984	1,193,788	4,150,025	3.55	69.42
19	Gas,BL							Gas	14,563	1,030	15,000	207,536	N/A	14.25
20	Ltr. Oil							Oil	842	139,400	4,933	105,024	N/A	124.73
21		2,476	736,404	41.3	71.1	43.9	9,369				6,828,619	28,262,017	3.84	

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

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
PROJECTED FOR THE MONTH OF: MAY 2015

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost ($)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	0	0.0	77.4	0.0	N/A	Coal	0	0	0	0	N/A	N/A
2	4							Gas - G						
3	Crist 5	75	0	0.0	77.4	0.0	N/A	Coal	0	0	0	0	N/A	N/A
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	0	0.0	77.4	0.0	N/A	Coal	0	0	0	0	N/A	N/A
8	7							Gas - G						
9	Perdido		2,100					Landfill Gas				63,315	3.02	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	0	0.0	0.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
13	Smith 2	195	0	0.0	0.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
14	Smith 3	581	313,320	72.4	89.5	80.9	6,864	Gas	2,087,993	1,030	2,150,633	11,105,132	3.54	5.32
15	Smith A (CT)	36	0	0.0	100.0	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		8,572					Gas				312,535	3.65	N/A
17	Daniel 1 (1)	255	107,255	56.5	97.6	31.1	10,595	Coal	56,953	9,976	1,136,370	3,965,050	3.70	69.62
18	Daniel 2 (1)	255	116,918	61.6	97.4	31.6	10,273	Coal	60,197	9,976	1,201,096	4,190,893	3.58	69.62
19	Gas,BL							Gas	0	0	0	147,536	N/A	N/A
20	Ltr. Oil							Oil	511	139,400	2,989	63,271	N/A	123.82
21		2,500	548,165	29.5	65.2	25.2	8,356				4,491,088	19,847,732	3.62	

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

Docket No. 140001-EI
2015 Projection Filing
Exhibit CSB-2, Page 16 of 42

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
PROJECTED FOR THE MONTH OF: JUNE 2015

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost ($)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
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	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
6	6							Gas - G						
7	Crist 7	475	89,476	26.2	98.9	61.6	10,821	Coal	40,856	11,849	968,225	3,666,502	4.10	89.74
8	7							Gas - G						
9	Perdido		3,045					Landfill Gas				91,807	3.02	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	0	0.0	0.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
13	Smith 2	195	0	0.0	0.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
14	Smith 3	556	330,337	82.5	99.0	83.4	6,874	Gas	2,204,596	1,030	2,270,734	11,612,137	3.52	5.27
15	Smith A (CT)	32	0	0.0	100.0	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		8,296					Gas				302,472	3.65	N/A
17	Daniel 1 (1)	255	117,088	63.8	97.4	33.0	10,282	Coal	60,371	9,971	1,203,897	4,211,681	3.60	69.76
18	Daniel 2 (1)	255	121,833	66.4	97.4	34.1	10,177	Coal	62,176	9,971	1,239,889	4,337,597	3.56	69.76
19	Gas,BL							Gas	4,854	1,030	5,000	167,536	N/A	34.52
20	Ltr. Oil							Oil	567	139,400	3,322	70,337	N/A	124.05
21		2,471	670,075	37.7	84.6	37.5	8,639				5,691,067	24,460,069	3.65	

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

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
PROJECTED FOR THE MONTH OF: JULY 2015

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost ($)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	3,041	5.4	99.8	54.8	12,127	Coal	1,558	11,838	36,878	137,181	4.51	88.05
2	4							Gas - G						
3	Crist 5	75	4,302	7.7	100.0	53.6	11,691	Coal	2,124	11,838	50,294	187,087	4.35	88.08
4	5							Gas - G						
5	Crist 6	299	36,026	16.2	98.2	41.7	12,029	Coal	18,304	11,838	433,358	1,612,034	4.47	88.07
6	6							Gas - G						
7	Crist 7	475	159,298	45.1	98.3	68.4	10,723	Coal	72,149	11,838	1,708,150	6,354,089	3.99	88.07
8	7							Gas - G						
9	Perdido		3,147					Landfill Gas				94,882	3.02	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	0	0.0	0.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
13	Smith 2	195	0	0.0	0.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
14	Smith 3	556	360,553	87.2	99.0	88.0	6,838	Gas	2,393,650	1,030	2,465,460	12,411,351	3.44	5.19
15	Smith A (CT)	32	0	0.0	100.0	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		8,572					Gas				312,535	3.65	N/A
17	Daniel 1 (1)	255	128,751	67.9	97.4	34.8	10,231	Coal	65,753	10,017	1,317,247	4,634,704	3.60	70.49
18	Daniel 2 (1)	255	130,338	68.7	97.4	35.3	10,135	Coal	65,940	10,017	1,320,982	4,647,844	3.57	70.49
19	Gas,BL							Gas	19,417	1,030	20,000	227,536	N/A	11.72
20	Ltr. Oil							Oil	692	139,400	4,050	85,947	N/A	124.20
21		2,471	834,028	45.4	84.2	48.5	8,946				7,356,419	30,705,190	3.68	

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

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
PROJECTED FOR THE MONTH OF: AUGUST 2015

	(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)	Fuel Burned Cost ($)	Fuel Cost/ kWh (¢/kWh)	Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	2,892	5.2	99.8	55.1	12,109	Coal	1,480	11,832	35,019	129,334	4.47	87.39
2	4							Gas - G						
3	Crist 5	75	2,894	5.2	100.0	53.5	11,696	Coal	1,430	11,832	33,849	125,013	4.32	87.42
4	5							Gas - G						
5	Crist 6	299	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
6	6							Gas - G						
7	Crist 7	475	167,341	47.4	98.2	67.2	10,739	Coal	75,944	11,832	1,797,076	6,637,054	3.97	87.39
8	7							Gas - G						
9	Perdido		3,147					Landfill Gas				94,882	3.02	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	0	0.0	0.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
13	Smith 2	195	0	0.0	0.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
14	Smith 3	556	358,544	86.7	99.0	87.5	6,841	Gas	2,381,358	1,030	2,452,799	12,264,058	3.42	5.15
15	Smith A (CT)	32	0	0.0	100.0	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		8,572					Gas				312,535	3.65	N/A
17	Daniel 1 (1)	255	128,583	67.8	97.4	35.1	10,224	Coal	65,422	10,047	1,314,634	4,628,564	3.60	70.75
18	Daniel 2 (1)	255	130,966	69.0	97.4	35.4	10,129	Coal	66,015	10,047	1,326,559	4,670,550	3.57	70.75
19	Gas,BL							Gas	14,563	1,030	15,000	207,536	N/A	14.25
20	Ltr. Oil							Oil	692	139,400	4,049	85,824	N/A	124.02
21		2,471	802,939	43.7	84.4	43.2	8,821				6,978,985	29,155,350	3.63	

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

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
PROJECTED FOR THE MONTH OF: SEPTEMBER 2015

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost ($)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	0	0.0	99.7	0.0	N/A	Coal	0	0	0	0	N/A	N/A
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	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
6	6							Gas - G						
7	Crist 7	475	43,730	12.8	99.3	59.0	10,864	Coal	20,079	11,830	475,085	1,798,267	4.11	89.56
8	7							Gas - G						
9	Perdido		3,046					Landfill Gas				91,837	3.02	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	0	0.0	0.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
13	Smith 2	195	0	0.0	0.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
14	Smith 3	556	331,724	82.9	99.0	83.7	6,871	Gas	2,212,886	1,030	2,279,273	11,521,187	3.47	5.21
15	Smith A (CT)	32	0	0.0	100.0	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		8,296					Gas				302,472	3.65	N/A
17	Daniel 1 (1)	255	116,000	63.2	97.4	32.7	10,293	Coal	59,600	10,017	1,193,986	4,181,607	3.60	70.16
18	Daniel 2 (1)	255	119,253	65.0	97.3	33.7	10,190	Coal	60,658	10,017	1,215,187	4,255,858	3.57	70.16
19	Gas,BL							Gas	4,854	1,030	5,000	167,536	N/A	34.52
20	Ltr. Oil							Oil	567	139,400	3,322	70,029	N/A	123.51
21		2,471	622,049	35.0	84.6	37.0	8,469				5,171,853	22,388,793	3.60	

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

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
PROJECTED FOR THE MONTH OF: OCTOBER 2015

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost ($)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	0	0.0	99.7	0.0	N/A	Coal	0	0	0	0	N/A	N/A
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	0	0.0	99.7	0.0	N/A	Coal	0	0	0	0	N/A	N/A
6	6							Gas - G						
7	Crist 7	475	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
8	7							Gas - G						
9	Perdido		3,147					Landfill Gas				94,882	3.02	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	0	0.0	0.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
13	Smith 2	195	0	0.0	0.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
14	Smith 3	557	347,312	83.7	99.0	84.6	6,790	Gas	2,289,563	1,030	2,358,250	11,932,988	3.44	5.21
15	Smith A (CT)	36	0	0.0	100.0	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		5,720					Gas				208,551	3.65	N/A
17	Daniel 1 (1)	255	33,766	17.8	63.7	28.6	10,912	Coal	18,761	9,820	368,457	1,269,094	3.76	67.65
18	Daniel 2 (1)	255	107,031	56.4	97.4	29.0	10,918	Coal	59,499	9,820	1,168,558	4,024,922	3.76	67.65
19	Gas,BL							Gas	0	0	0	147,536	N/A	N/A
20	Ltr. Oil							Oil	511	139,400	2,989	62,776	N/A	122.85
21		2,476	496,976	27.0	81.3	25.0	7,986				3,898,254	17,740,749	3.57	

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

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
PROJECTED FOR THE MONTH OF: NOVEMBER 2015

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost ($)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	0	0.0	99.9	0.0	N/A	Coal	0	0	0	0	N/A	N/A
2	4							Gas - G						
3	Crist 5	75	0	0.0	99.9	0.0	N/A	Coal	0	0	0	0	N/A	N/A
4	5							Gas - G						
5	Crist 6	299	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
6	6							Gas - G						
7	Crist 7	475	0	0.0	100.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
8	7							Gas - G						
9	Perdido		3,046					Landfill Gas				91,837	3.02	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	0	0.0	0.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
13	Smith 2	195	0	0.0	0.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
14	Smith 3	557	244,476	60.9	69.2	87.7	6,838	Gas	1,623,038	1,030	1,671,729	8,032,305	3.29	4.95
15	Smith A (CT)	36	0	0.0	100.0	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		5,536					Gas				201,843	3.65	N/A
17	Daniel 1 (1)	255	42,111	22.9	68.8	28.5	10,750	Coal	23,399	9,673	452,691	1,545,681	3.67	66.06
18	Daniel 2 (1)	255	54,400	29.6	68.7	28.9	10,398	Coal	29,238	9,673	565,652	1,931,378	3.55	66.06
19	Gas,BL							Gas	0	0	0	147,536	N/A	N/A
20	Ltr. Oil							Oil	511	139,400	2,989	62,722	N/A	122.74
21		2,476	349,569	19.6	72.2	25.7	7,898				2,693,061	12,013,301	3.44	

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

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
PROJECTED FOR THE MONTH OF: DECEMBER 2015

	(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)	Fuel Burned Cost ($)	Fuel Cost/ kWh (¢/kWh)	Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	1,968	3.5	99.9	54.7	12,136	Coal	1,009	11,840	23,884	97,867	4.97	96.99
2	4							Gas - G						
3	Crist 5	75	1,970	3.5	100.0	52.3	11,760	Coal	978	11,840	23,167	94,929	4.82	97.06
4	5							Gas - G						
5	Crist 6	299	17,950	8.1	99.0	41.7	12,029	Coal	9,119	11,840	215,924	884,768	4.93	97.02
6	6							Gas - G						
7	Crist 7	475	44,630	12.6	99.5	57.3	10,896	Coal	20,536	11,840	486,284	1,992,593	4.46	97.03
8	7							Gas - G						
9	Perdido		3,147					Landfill Gas				94,882	3.02	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	0	0.0	0.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
13	Smith 2	195	0	0.0	0.0	0.0	N/A	Coal	0	0	0	0	N/A	N/A
14	Smith 3	584	365,956	84.2	98.9	85.1	6,828	Gas	2,425,968	1,030	2,498,747	11,544,726	3.15	4.76
15	Smith A (CT)	40	0	0.0	100.0	0.0	N/A	Oil	0	0	0	0	N/A	N/A
16	Other Generation		5,720					Gas				208,551	3.65	N/A
17	Daniel 1 (1)	255	12,859	6.8	99.6	23.6	10,684	Coal	7,175	9,574	137,387	465,302	3.62	64.85
18	Daniel 2 (1)	255	7,019	3.7	77.2	0.0	10,843	Coal	3,975	9,574	76,107	257,760	3.67	64.85
19	Gas,BL							Gas	19,417	1,030	20,000	227,536	N/A	11.72
20	Ltr. Oil							Oil	692	139,400	4,050	85,554	N/A	123.63
21		2,507	461,219	24.7	82.9	41.2	7,705				3,485,550	15,954,468	3.46	

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

SYSTEM NET GENERATION AND FUEL COST
GULF POWER COMPANY
PROJECTED FOR THE PERIOD OF: JANUARY 2015 - DECEMBER 2015

Line	(a) Plant/Unit	(b) Net Cap. (MW)	(c) Net Gen. (MWh)	(d) Cap. Factor (%)	(e) Equiv. Avail. Factor (%)	(f) Net Output Factor (%)	(g) Avg. Net Heat Rate (Btu/kWh)	(h) Fuel Type	(i) Fuel Burned (Units) (Tons/MCF/Bbl)	(j) Fuel Heat Value (Btu/Unit) (lbs./cf/Gal.)	(k) Fuel Burned (MMBtu)	(l) Fuel Burned Cost ($)	(m) Fuel Cost/ kWh (¢/kWh)	(n) Fuel Cost/ Unit ($/Unit)
1	Crist 4	75	69,482	10.5	99.9	32.3	12,071	Coal	35,332	11,869	838,720	3,071,368	4.42	86.93
2	4							Gas - G	0	0	0	0		
3	Crist 5	75	69,539	10.6	100.0	31.7	11,627	Coal	34,047	11,873	808,500	2,974,620	4.28	87.37
4	5							Gas - G	0	0	0	0		
5	Crist 6	299	106,576	4.1	99.0	17.1	12,533	Coal	56,312	11,860	1,335,695	5,013,117	4.70	89.02
6	6							Gas - G	0	0	0	0		
7	Crist 7	475	1,120,735	26.9	99.5	44.2	10,890	Coal	514,567	11,859	12,204,431	45,173,114	4.03	87.79
8	7							Gas - G	0	0	0	0		
9	Perdido		31,952					Landfill Gas				963,353	3.02	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	135,821	9.5	0.0	17.5	10,918	Coal	62,611	11,843	1,482,957	6,328,456	4.66	101.08
13	Smith 2	195	152,479	8.9	0.0	18.6	10,782	Coal	70,376	11,681	1,644,099	6,727,442	4.41	95.59
14	Smith 3	566	3,855,439	77.6	98.9	83.9	6,852	Gas - G	25,646,628	1,030	26,416,028	135,200,134	3.51	5.27
15	Smith A (CT)	36	0	0.0	100.0	0.0	N/A	Oil - G	0	0	0	0	N/A	N/A
16	Other Generation		81,428					Gas				2,968,865	3.65	N/A
17	Daniel 1 (1)	255	803,916	35.9	99.6	26.4	10,366	Coal	417,722	9,975	8,333,320	29,114,146	3.62	69.70
18	Daniel 2 (1)	255	1,099,953	49.1	77.2	27.4	10,196	Coal	561,682	9,984	11,215,137	39,162,903	3.56	69.72
19	Gas,BL							Gas	135,919	1,030	140,000	2,330,432	N/A	17.15
20	Ltr. Oil							Oil	8,388	139,360	49,096	1,041,770	N/A	124.20
21		2,484	7,527,320	34.5	82.8	39.7	8,696				64,467,983	280,069,720	3.72	

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

SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
GULF POWER COMPANY
TO BE INCLUDED IN THE PERIOD: JANUARY 2015 - DECEMBER 2015

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
	LIGHT OIL													
1	*PURCHASES :*													
2	UNITS (BBL)	1,091	856	856	842	511	567	692	692	567	511	511	692	8,388
3	UNIT COST ($/BBL)	122.72	122.82	122.82	122.75	122.25	122.54	122.53	122.53	122.54	122.25	122.25	122.53	122.59
4	AMOUNT ($)	133,890	105,132	105,132	103,354	62,470	69,478	84,794	84,791	69,478	62,470	62,470	84,794	1,028,253
5	*BURNED :*													
6	UNITS (BBL)	1,091	856	856	842	511	567	692	692	567	511	511	692	8,388
7	UNIT COST ($/BBL)	125.34	124.89	124.57	124.73	123.82	124.05	124.20	124.02	123.51	122.85	122.74	123.63	124.20
8	AMOUNT ($)	136,749	106,902	106,635	105,024	63,271	70,337	85,947	85,824	70,029	62,776	62,722	85,554	1,041,770
9	*ENDING INVENTORY :*													
10	UNITS (BBL)	7,166	7,166	7,166	7,166	7,166	7,166	7,166	7,166	7,166	7,166	7,166	7,166	
11	UNIT COST ($/BBL)	126.40	126.16	125.95	125.72	125.60	125.48	125.32	125.18	125.10	125.06	125.02	124.92	
12	AMOUNT ($)	905,818	904,048	902,545	900,875	900,074	899,215	898,062	897,029	896,478	896,172	895,920	895,160	
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)	125,631	175,911	189,288	177,180	109,550	150,404	215,885	200,619	129,637	107,950	107,950	139,606	1,829,611
16	UNIT COST ($/TON)	79.10	79.82	80.15	76.23	77.41	77.50	77.90	77.49	76.48	69.22	70.23	71.92	76.61
17	AMOUNT ($)	9,937,547	14,041,663	15,172,142	13,505,854	8,480,566	11,656,748	16,817,892	15,545,469	9,914,147	7,471,986	7,581,577	10,040,141	140,165,732
18	*BURNED :*													
19	UNITS (TONS)	159,057	175,374	160,849	226,671	117,150	163,403	225,828	210,291	140,337	78,260	52,637	42,792	1,752,649
20	UNIT COST ($/TON)	94.05	83.44	82.58	78.33	69.62	74.76	77.82	76.99	72.94	67.65	66.06	88.64	78.49
21	AMOUNT ($)	14,959,242	14,633,280	13,282,829	17,754,612	8,155,943	12,215,780	17,572,939	16,190,515	10,235,732	5,294,016	3,477,059	3,793,219	137,565,166
22	*ENDING INVENTORY :*													
23	UNITS (TONS)	470,725	471,262	499,701	450,210	442,610	429,611	419,668	409,996	399,296	428,986	484,299	581,113	
24	UNIT COST ($/TON)	78.52	77.18	76.57	75.54	77.58	78.62	78.68	78.97	80.28	79.80	79.16	76.72	
25	AMOUNT ($)	36,962,021	36,370,404	38,259,717	34,010,959	34,335,582	33,776,550	33,021,503	32,376,457	32,054,872	34,232,842	38,337,360	44,584,282	
26	DAYS SUPPLY:	23	23	24	22	21	21	20	20	19	21	23	28	

(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
TO BE INCLUDED IN THE PERIOD: JANUARY 2015 - DECEMBER 2015

		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
	GAS (1)													
27	*BURNED :*													
28	UNITS (MMBtu)	1,956,986	2,152,631	2,361,416	1,872,370	2,150,633	2,275,734	2,485,460	2,467,799	2,284,273	2,358,250	1,671,729	2,518,747	26,556,028
29	UNIT COST ($/MMBtu	5.71	5.46	5.34	5.42	5.23	5.18	5.09	5.05	5.12	5.12	4.89	4.67	5.18
30	AMOUNT ($)	$11,165,046	$11,752,166	$12,609,878	$10,139,304	$11,252,668	$11,779,673	$12,638,887	$12,471,594	$11,688,722	$12,080,524	$8,179,841	$11,772,262	137,530,566
	OTHER - C.T. OIL													
31	*PURCHASES :*													
32	UNITS (BBL)	0	0	0	0	0	0	0	0	0	0	0	0	0
33	UNIT COST ($/BBL)	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
34	AMOUNT ($)	0	0	0	0	0	0	0	0	0	0	0	0	0
35	*BURNED :*													
36	UNITS (BBL)	0	0	0	0	0	0	0	0	0	0	0	0	0
37	UNIT COST ($/BBL)	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
38	AMOUNT ($)	0	0	0	0	0	0	0	0	0	0	0	0	0
39	*ENDING INVENTORY :*													
40	UNITS (BBL)	7,143	7,143	7,143	7,143	7,143	7,143	7,143	7,143	7,143	7,143	7,143	7,143	
41	UNIT COST ($/BBL)	117.59	117.59	117.59	117.59	117.59	117.59	117.59	117.59	117.59	117.59	117.59	117.59	
42	AMOUNT ($)	839,922	839,922	839,922	839,922	839,922	839,922	839,922	839,922	839,922	839,922	839,922	839,922	
43	DAYS SUPPLY:	3	3	3	3	3	3	3	3	3	3	3	3	

(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
TO BE INCLUDED IN THE PERIOD: JANUARY 2015 - DECEMBER 2015

(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	204,578,000	0	204,578,000	2.97	3.36	6,086,000	6,865,000
2	Economy Sales	10,255,000	0	10,255,000	3.14	3.45	322,000	354,000
3	Gain on Economy Sales	0	0	0	0.00	0.00	35,000	35,000
4	TOTAL ESTIMATED SALES	214,833,000	0	214,833,000	3.00	3.38	6,443,000	7,254,000
	FEBRUARY							
5	Southern Co. Interchange	327,974,000	0	327,974,000	3.00	3.38	9,845,000	11,077,000
6	Economy Sales	11,596,000	0	11,596,000	3.08	3.33	357,000	386,000
7	Gain on Economy Sales	0	0	0	0.00	0.00	33,000	33,000
8	TOTAL ESTIMATED SALES	339,570,000	0	339,570,000	3.01	3.39	10,235,000	11,496,000
	MARCH							
9	Southern Co. Interchange	14,838,000	0	14,838,000	2.92	3.28	433,000	486,000
10	Economy Sales	8,955,000	0	8,955,000	2.99	3.33	268,000	298,000
11	Gain on Economy Sales	0	0	0	0.00	0.00	21,000	21,000
12	TOTAL ESTIMATED SALES	23,793,000	0	23,793,000	3.03	3.38	722,000	805,000
	APRIL							
13	Southern Co. Interchange	35,669,000	0	35,669,000	2.60	2.93	928,000	1,045,000
14	Economy Sales	8,789,000	0	8,789,000	3.12	3.31	274,000	291,000
15	Gain on Economy Sales	0	0	0	0.00	0.00	21,000	21,000
16	TOTAL ESTIMATED SALES	44,458,000	0	44,458,000	2.75	3.05	1,223,000	1,357,000
	MAY							
17	Southern Co. Interchange	67,209,000	0	67,209,000	2.98	3.39	2,001,000	2,280,000
18	Economy Sales	9,617,000	0	9,617,000	3.15	3.40	303,000	327,000
19	Gain on Economy Sales	0	0	0	0.00	0.00	23,000	23,000
20	TOTAL ESTIMATED SALES	76,826,000	0	76,826,000	3.03	3.42	2,327,000	2,630,000
	JUNE							
21	Southern Co. Interchange	57,476,000	0	57,476,000	3.93	4.21	2,261,000	2,422,000
22	Economy Sales	6,905,000	0	6,905,000	3.64	3.82	251,000	264,000
23	Gain on Economy Sales	0	0	0	0.00	0.00	43,000	43,000
24	TOTAL ESTIMATED SALES	64,381,000	0	64,381,000	3.97	4.24	2,555,000	2,729,000

POWER SOLD
GULF POWER COMPANY
TO BE INCLUDED IN THE PERIOD: JANUARY 2015 - DECEMBER 2015

(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)
			kWh		(A)	(B)		
		TOTAL	WHEELED	kWh	¢ / kWh		TOTAL $	
	MONTH	kWh	FROM OTHER	FROM OWN	FUEL	TOTAL	FOR FUEL	TOTAL COST
LINE	TYPE & SCHEDULE	SOLD	SYSTEMS	GENERATION	COST	COST	ADJUSTMENT	$
	JULY							
1	Southern Co. Interchange	126,239,000	0	126,239,000	3.94	4.23	4,972,000	5,342,000
2	Economy Sales	6,511,000	0	6,511,000	3.76	4.09	245,000	266,000
3	Gain on Economy Sales	0	0	0	0.00	0.00	50,000	50,000
4	TOTAL ESTIMATED SALES	132,750,000	0	132,750,000	3.97	4.26	5,267,000	5,658,000
	AUGUST							
5	Southern Co. Interchange	116,497,000	0	116,497,000	3.94	4.23	4,590,000	4,930,000
6	Economy Sales	8,637,000	0	8,637,000	3.69	3.92	319,000	339,000
7	Gain on Economy Sales	0	0	0	0.00	0.00	49,000	49,000
8	TOTAL ESTIMATED SALES	125,134,000	0	125,134,000	3.96	4.25	4,958,000	5,318,000
	SEPTEMBER							
9	Southern Co. Interchange	57,588,000	0	57,588,000	3.44	3.78	1,980,000	2,174,000
10	Economy Sales	6,411,000	0	6,411,000	3.54	3.71	227,000	238,000
11	Gain on Economy Sales	0	0	0	0.00	0.00	33,000	33,000
12	TOTAL ESTIMATED SALES	63,999,000	0	63,999,000	3.50	3.82	2,240,000	2,445,000
	OCTOBER							
13	Southern Co. Interchange	31,750,000	0	31,750,000	2.69	3.07	853,000	975,000
14	Economy Sales	10,126,000	0	10,126,000	3.07	3.29	311,000	333,000
15	Gain on Economy Sales	0	0	0	0.00	0.00	27,000	27,000
16	TOTAL ESTIMATED SALES	41,876,000	0	41,876,000	2.84	3.19	1,191,000	1,335,000
	NOVEMBER							
17	Southern Co. Interchange	195,819,000	0	195,819,000	2.81	3.23	5,511,000	6,333,000
18	Economy Sales	11,900,000	0	11,900,000	2.92	3.19	347,000	380,000
19	Gain on Economy Sales	0	0	0	0.00	0.00	24,000	24,000
20	TOTAL ESTIMATED SALES	207,719,000	0	207,719,000	2.83	3.24	5,882,000	6,737,000
	DECEMBER							
21	Southern Co. Interchange	155,416,000	0	155,416,000	2.91	3.27	4,516,000	5,084,000
22	Economy Sales	12,956,000	0	12,956,000	2.87	3.27	372,000	424,000
23	Gain on Economy Sales	0	0	0	0.00	0.00	35,000	35,000
24	TOTAL ESTIMATED SALES	168,372,000	0	168,372,000	2.92	3.29	4,923,000	5,543,000
	TOTAL							
25	Southern Co. Interchange	1,391,053,000	0	1,391,053,000	3.16	3.52	43,976,000	49,013,000
26	Economy Sales	112,658,000	0	112,658,000	3.19	3.46	3,596,000	3,900,000
27	Gain on Economy Sales	0	0	0	0.00	0.00	394,000	394,000
28	TOTAL ESTIMATED SALES	1,503,711,000	0	1,503,711,000	3.19	3.55	47,966,000	53,307,000

SCHEDULE E-7

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

TO BE INCLUDED IN THE PERIOD: JANUARY 2015 - DECEMBER 2015

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

ENERGY PAYMENT TO QUALIFYING FACILITIES
GULF POWER COMPANY
TO BE INCLUDED IN THE PERIOD: JANUARY 2015 - DECEMBER 2015

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
							¢/kWh		
MONTH	PURCHASED FROM:	TYPE AND SCHEDULE	TOTAL kWh PURCHASED	kWh 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

ECONOMY ENERGY PURCHASES
GULF POWER COMPANY
TO BE INCLUDED IN THE PERIOD: JANUARY 2015 - DECEMBER 2015

(1) MONTH LINE	(2) TYPE & SCHEDULE	(3) TOTAL kWh PURCHASED	(4) TRANSACTION COST ¢ / kWh	(5) TOTAL $ FOR FUEL ADJ.
JANUARY				
1	Southern Co. Interchange	108,405,000	3.58	3,880,000
2	Economy Energy	4,613,000	3.69	170,000
3	Other Purchases	427,156,000	3.49	14,918,000
4	TOTAL ESTIMATED PURCHASES	540,174,000	3.51	18,968,000
FEBRUARY				
5	Southern Co. Interchange	83,945,000	3.22	2,703,000
6	Economy Energy	2,298,000	3.70	85,000
7	Other Purchases	365,241,000	3.53	12,899,000
8	TOTAL ESTIMATED PURCHASES	451,484,000	3.47	15,687,000
MARCH				
9	Southern Co. Interchange	157,067,000	3.28	5,148,000
10	Economy Energy	5,115,000	3.38	173,000
11	Other Purchases	2,696,000	48.26	1,301,000
12	TOTAL ESTIMATED PURCHASES	164,878,000	4.02	6,622,000
APRIL				
13	Southern Co. Interchange	109,927,000	3.40	3,741,000
14	Economy Energy	2,796,000	3.15	88,000
15	Other Purchases	22,072,000	8.91	1,967,000
16	TOTAL ESTIMATED PURCHASES	134,795,000	4.30	5,796,000
MAY				
17	Southern Co. Interchange	92,181,000	3.16	2,912,000
18	Economy Energy	3,472,000	3.43	119,000
19	Other Purchases	473,222,000	3.32	15,689,000
20	TOTAL ESTIMATED PURCHASES	568,875,000	3.29	18,720,000
JUNE				
21	Southern Co. Interchange	134,826,000	3.33	4,490,000
22	Economy Energy	3,044,000	4.11	125,000
23	Other Purchases	465,069,000	3.39	15,753,000
24	TOTAL ESTIMATED PURCHASES	602,939,000	3.38	20,368,000

SCHEDULE E-9
Page 2 of 2

ECONOMY ENERGY PURCHASES
GULF POWER COMPANY
TO BE INCLUDED IN THE PERIOD: JANUARY 2015 - DECEMBER 2015

(1)	(2)	(3)	(4)	(5)
MONTH LINE	TYPE & SCHEDULE	TOTAL kWh PURCHASED	TRANSACTION COST ¢ / kWh	TOTAL $ FOR FUEL ADJ.
JULY				
1	Southern Co. Interchange	55,185,000	3.94	2,176,000
2	Economy Energy	3,034,000	4.61	140,000
3	Other Purchases	564,344,000	3.35	18,916,000
4	TOTAL ESTIMATED PURCHASES	622,563,000	3.41	21,232,000
AUGUST				
5	Southern Co. Interchange	70,391,000	3.73	2,624,000
6	Economy Energy	3,949,000	4.46	176,000
7	Other Purchases	552,597,000	3.36	18,590,000
8	TOTAL ESTIMATED PURCHASES	626,937,000	3.41	21,390,000
SEPTEMBER				
9	Southern Co. Interchange	72,719,000	3.31	2,407,000
10	Economy Energy	2,233,000	3.90	87,000
11	Other Purchases	511,372,000	3.37	17,214,000
12	TOTAL ESTIMATED PURCHASES	586,324,000	3.36	19,708,000
OCTOBER				
13	Southern Co. Interchange	317,812,000	3.34	10,607,000
14	Economy Energy	3,014,000	3.48	105,000
15	Other Purchases	174,075,000	3.82	6,645,000
16	TOTAL ESTIMATED PURCHASES	494,901,000	3.51	17,357,000
NOVEMBER				
17	Southern Co. Interchange	204,534,000	3.12	6,385,000
18	Economy Energy	4,796,000	3.38	162,000
19	Other Purchases	467,819,000	3.39	15,851,000
20	TOTAL ESTIMATED PURCHASES	677,149,000	3.31	22,398,000
DECEMBER				
21	Southern Co. Interchange	124,976,000	3.20	3,998,000
22	Economy Energy	7,501,000	3.45	259,000
23	Other Purchases	497,461,000	3.46	17,221,000
24	TOTAL ESTIMATED PURCHASES	629,938,000	3.41	21,478,000
TOTAL FOR PERIOD				
25	Southern Co. Interchange	1,531,968,000	3.33	51,071,000
26	Economy Energy	45,865,000	3.68	1,689,000
27	Other Purchases	4,523,124,000	3.47	156,964,000
28	TOTAL ESTIMATED PURCHASES	6,100,957,000	3.44	209,724,000

SCHEDULE E-10

GULF POWER COMPANY
RESIDENTIAL BILL COMPARISON
FOR MONTHLY USAGE OF 1,000 kWh

	Current Approved Jan. 14 - Dec. 14 ($/1,000 kWh)	Proposed Jan. 15 - Dec. 15 ($/1,000 kWh)	Difference from Current ($)	Difference from Current (%)
Base Rate	$ 62.09	$ 64.45	$ 2.36	3.8%
Fuel Cost Recovery	42.01	43.74	1.73	4.1%
Capacity Cost Recovery	6.80	9.16	2.36	34.7%
Energy Conservation Cost Recovery	2.26	2.50	0.24	10.6%
Environmental Cost Recovery	15.54	15.92	0.38	2.4%
Subtotal	$ 128.70	$ 135.77	$ 7.07	5.5%
Gross Receipts Tax	3.30	3.48	0.18	5.5%
Total	$ 132.00	$ 139.25	$ 7.25	5.5%

SCHEDULE E-11

ESTIMATED AS-AVAILABLE AVOIDED ENERGY COST
GULF POWER COMPANY

		TOTAL ¢ / kWh
2015	JANUARY	3.286
	FEBRUARY	3.286
	MARCH	3.286
	APRIL	3.604
	MAY	3.604
	JUNE	3.604
	JULY	3.604
	AUGUST	3.604
	SEPTEMBER	3.604
	OCTOBER	3.604
	NOVEMBER	3.286
	DECEMBER	3.286
2016	JANUARY	3.221
	FEBRUARY	3.221
	MARCH	3.221
	APRIL	3.602
	MAY	3.602
	JUNE	3.602
	JULY	3.602
	AUGUST	3.602
	SEPTEMBER	3.602
	OCTOBER	3.602
	NOVEMBER	3.221
	DECEMBER	3.221

SCHEDULE H1

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
GULF POWER COMPANY

LINE	LINE DESCRIPTION	2012	2013	2014	2015	% Change 2012 to 2013	% Change 2013 to 2014	% Change 2014 to 2015
	FUEL COST OF SYSTEM NET GENERATION ($)							
1	LIGHTER OIL (B.L.)	663,864	806,844	1,745,999	1,041,770	21.54	116.40	(40.33)
2	COAL	411,231,936	230,848,996	227,098,836	137,565,166	(43.86)	(1.62)	(39.42)
3	GAS	131,747,551	125,616,386	124,330,289	135,200,134	(4.65)	(1.02)	8.74
4	GAS (B.L.)	0	0	1,807,910	2,330,432	0.00	100.00	28.90
5	LANDFILL GAS	685,856	704,503	680,294	963,353	2.72	(3.44)	41.61
6	OTHER - C.T.	0	123,790	8,702	0	100.00	(92.97)	(100.00)
7	OTHER GENERATION	2,453,961	1,814,318	3,254,676	2,968,865	(26.07)	79.39	(8.78)
8	TOTAL ($)	546,783,168	359,914,837	358,926,706	280,069,720	(34.18)	(0.27)	(21.97)
	SYSTEM NET GENERATION (MWh)							
9	COAL	8,417,818	4,624,257	4,980,200	3,558,501	(45.07)	7.70	(28.55)
10	GAS	3,428,937	4,059,172	3,846,888	3,855,439	18.38	(5.23)	0.22
11	LANDFILL GAS	26,440	26,366	24,720	31,952	(0.28)	(6.24)	29.26
12	OTHER - C.T.	0	512	32	0	100.00	(93.75)	(100.00)
13	OTHER GENERATION	50,618	50,524	81,428	81,428	(0.19)	61.17	0.00
14	TOTAL (MWH)	11,923,813	8,760,831	8,933,268	7,527,320	(26.53)	1.97	(15.74)
	UNITS OF FUEL BURNED							
15	LIGHTER OIL (BBL)	4,895	6,864	13,792	8,388	40.22	100.93	(39.18)
16	COAL (TON)	3,958,270	2,201,050	2,389,900	1,752,649	(44.39)	8.58	(26.66)
17	GAS (MCF)	23,659,285	28,342,618	25,903,786	26,416,028	19.79	(8.60)	1.98
18	OTHER - C.T. (BBL)	0	1,161	77	0	100.00	(93.37)	(100.00)
	BTUS BURNED (MMBtu)							
19	COAL + GAS B.L. + OIL B.L.	91,370,112	51,387,546	55,686,060	38,051,955	(43.76)	8.36	(31.67)
20	GAS - Generation	24,369,058	27,773,568	26,250,901	26,416,028	13.97	(5.48)	0.63
21	OTHER - C.T.	0	6,802	450	0	100.00	(93.38)	(100.00)
22	TOTAL (MMBtu)	115,739,170	79,167,916	81,937,411	64,467,983	(31.60)	3.50	(21.32)
	GENERATION MIX (% MWh)							
23	COAL + GAS B.L. + OIL B.L.	70.60	52.78	55.75	47.27	(25.24)	5.63	(15.21)
24	GAS - Generation	28.76	46.33	43.06	51.22	61.09	(7.06)	18.95
25	LANDFILL GAS	0.22	0.30	0.28	0.42	36.36	(6.67)	50.00
26	OTHER - C.T.	0.00	0.01	0.00	0.00	100.00	(100.00)	0.00
27	OTHER GENERATION	0.42	0.58	0.91	1.08	38.10	56.90	18.68
28	TOTAL (% MWH)	100.00	100.00	100.00	100.00	0.00	0.00	0.00
	FUEL COST PER UNIT							
29	LIGHTER OIL B.L. ($/BBL)	135.62	117.55	126.60	124.20	(13.32)	7.70	(1.90)
30	COAL ($/TON)	103.89	104.88	95.02	78.49	0.95	(9.40)	(17.40)
31	GAS +B.L. ($/MCF)	5.57	4.43	4.87	5.21	(20.47)	9.93	6.98
32	OTHER - C.T.	#N/A	106.62	113.01	#N/A	#N/A	5.99	#N/A
	FUEL COST ($ / MMBtu)							
33	COAL + GAS B.L. + OIL B.L.	4.51	4.51	4.14	3.70	0.00	(8.20)	(10.63)
34	GAS - Generation	5.41	4.52	4.74	5.12	(16.45)	4.87	8.02
35	OTHER - C.T.	#N/A	18.20	19.34	#N/A	#N/A	6.26	#N/A
36	TOTAL ($/MMBtu)	4.70	4.51	4.33	4.28	(4.04)	(3.99)	(1.15)
	BTU BURNED (Btu / kWh)							
37	COAL + GAS B.L. + OIL B.L.	10,854	11,113	11,181	10,693	2.39	0.61	(4.36)
38	GAS - Generation	7,107	6,842	6,824	6,852	(3.73)	(0.26)	0.41
39	OTHER - C.T.	#N/A	13,285	14,063	#N/A	#N/A	5.86	#N/A
40	TOTAL (Btu/kWh)	9,748	9,089	9,257	8,696	(6.76)	1.85	(6.06)
	FUEL COST (¢ / kWh)							
41	COAL + GAS B.L. + OIL B.L.	4.89	5.01	4.63	3.96	2.45	(7.58)	(14.47)
42	GAS - Generation	3.84	3.09	3.23	3.51	(19.53)	4.53	8.67
43	LANDFILL GAS	2.59	2.67	2.75	3.02	3.09	3.00	9.82
44	OTHER - C.T.	#N/A	24.18	27.19	#N/A	#N/A	12.45	#N/A
45	OTHER GENERATION	4.85	3.59	4.00	3.65	(25.98)	11.42	(8.75)
46	TOTAL (¢ / kWh)	4.59	4.11	4.02	3.72	(10.46)	(2.19)	(7.46)

Projected Purchased Power Capacity Payments / (Receipts)
Gulf Power Company
For January 2015 - December 2015

		January	February	March	April	May	June	July	August	September	October	November	December	Total
1	Projected IIC Payments / (Receipts) ($)	0	0	0	0	0	0	0	0	0	0	(1,000)	0	(1,000)
2	Other Capacity Payments / (Receipts) ($)	7,396,477	7,396,477	7,396,477	7,396,477	7,396,477	7,396,477	7,396,477	7,396,477	7,396,477	7,396,477	7,396,477	7,396,477	88,757,724
3	Projected Transmission Revenue	(15,000)	(16,000)	(13,000)	(13,000)	(14,000)	(10,000)	(9,000)	(12,000)	(9,000)	(14,000)	(17,000)	(18,000)	(160,000)
4	Total Projected Capacity Payments / (Receipts) (Line 1 + 2 + 3) ($)	7,381,477	7,380,477	7,383,477	7,383,477	7,382,477	7,386,477	7,387,477	7,384,477	7,387,477	7,382,477	7,378,477	7,378,477	88,596,724
5	Jurisdictional %	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	
6	Projected Jurisdictional Capacity Payments / (Receipts) (Line 4 x Line 5) ($)	7,165,307	7,164,337	7,167,249	7,167,249	7,166,278	7,170,161	7,171,132	7,168,220	7,171,132	7,166,278	7,162,395	7,162,395	86,002,133
7	True-Up ($)													(601,390)
8	Total Jurisdictional Amount to be Recovered (Line 6 + Line 7) ($)													85,400,743
9	Revenue Tax Multiplier													1.00072
10	Total Recoverable Capacity Payments / (Receipts) (Line 8 x Line 9) ($)													85,462,232

Calculation of Jurisdictional % *

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

* Based on 2012 Actual Data

Schedule CCE-1A

PURCHASED POWER CAPACITY COST RECOVERY CLAUSE
CALCULATION OF TRUE-UP
GULF POWER COMPANY
TO BE INCLUDED IN THE PERIOD JANUARY 2015 - DECEMBER 2015

1.	Estimated over/(under)-recovery, January 2014 - December 2014 (Schedule CCE-1B, Line 15 + Line 18)	1,263,407
2.	Final over/(under)-recovery, January 2013 - December 2013 (Exhibit RWD-1, Schedule CCA-1, filed March 3, 2014)	(662,017)
3.	Total Over/(Under)-Recovery (Line 1 + 2) (To be included in January 2015 - December 2015)	$601,390
4.	Jurisdictional kWh sales, January 2015 - December 2015	11,062,622,000
5.	True-up Factor (Line 3 / Line 4) x 100 (¢/kWh)	(0.0054)

SCHEDULE CCE-1B

PURCHASED POWER CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ESTIMATED TRUE-UP AMOUNT
GULF POWER COMPANY
FOR THE PERIOD JANUARY 2014 - DECEMBER 2014

		Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	Total
1	IIC Payments/(Receipts) ($)	(33,722)	(32,988)	(39,220)	(45,333)	(37,166)	(37,845)	0	0	0	0	0	0	(226,274)
2	Other Capacity Payments / (Receipts) ($)	2,296,591	2,346,149	2,253,681	2,203,248	2,818,646	7,426,005	7,250,781	7,250,781	7,250,781	7,250,781	7,243,781	7,249,781	62,841,005
3	Transmission Revenue ($)	(28,042)	(25,831)	(25,328)	(5,964)	(7,298)	(3,735)	(5,000)	(6,000)	(5,000)	(7,000)	(8,000)	(9,000)	(136,198)
4	Total Capacity Payments/(Receipts) ($)	2,234,827	2,287,330	2,189,133	2,151,950	2,774,182	7,384,425	7,245,781	7,244,781	7,245,781	7,243,781	7,235,781	7,240,781	62,478,533
5	Jurisdictional %	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	0.9707146	
6	Jurisdictional Capacity Payments/(Receipts) (Line 4 x Line 5) ($)	2,169,379	2,220,345	2,125,023	2,088,930	2,692,939	7,168,169	7,033,585	7,032,615	7,033,585	7,031,644	7,023,878	7,028,732	60,648,824
7	Retail kWh Sales							1,198,218,000	1,178,147,000	1,039,787,000	867,231,000	748,462,000	835,508,000	
8	Purchased Power Capacity Cost Recovery Factor (¢/kWh)							0.574	0.574	0.574	0.574	0.574	0.574	
9	Capacity Cost Recovery Revenues (Line 7 x Line 8/100) ($)	5,940,341	4,436,418	4,461,136	4,222,622	5,189,606	6,186,944	6,877,771	6,762,564	5,968,377	4,977,906	4,296,172	4,795,816	64,115,673
10	Revenue Taxes (Line 9 x .00072) ($)	4,277	3,194	3,212	3,040	3,737	4,455	4,952	4,869	4,297	3,584	3,093	3,453	46,163
11	True-Up Provision ($)	(180,083)	(180,083)	(180,083)	(180,083)	(180,083)	(180,083)	(180,085)	(180,085)	(180,085)	(180,085)	(180,085)	(180,087)	(2,161,010)
12	Capacity Cost Recovery Revenues Net of Revenue Taxes (Line 9 - Line 10 + Line 11) ($)	5,755,981	4,253,141	4,277,841	4,039,499	5,005,786	6,002,406	6,692,734	6,577,610	5,783,995	4,794,237	4,112,994	4,612,276	61,908,500
13	Over/(Under) Recovery (Line 12 - Line 6) ($)	3,586,602	2,032,796	2,152,818	1,950,569	2,312,847	(1,165,763)	(340,851)	(455,005)	(1,249,590)	(2,237,407)	(2,910,884)	(2,416,458)	1,259,676
14	Interest Provision ($)	(59)	119	251	413	559	520	452	442	408	330	210	86	3,731
15	Total Estimated True-Up for the Period January 2014 - December 2014 (Line 13 + Line 14) ($)													1,263,407
16	Beginning Balance True-Up & Interest Provision ($)	(2,823,027)	943,599	3,156,597	5,489,749	7,620,814	10,114,303	9,129,143	8,968,829	8,694,351	7,625,254	5,568,282	2,837,673	(2,823,027)
17	True-Up Collected/(Refunded) ($)	180,083	180,083	180,083	180,083	180,083	180,083	180,085	180,085	180,085	180,085	180,085	180,087	2,161,010
18	Adjustment ($)	0	0	0	0	0	0	0	0	0	0	0	0	0
19	End of Period TOTAL Net True-Up (Lines 13 + 14 + 16 + 17 + 18) ($)	943,599	3,156,597	5,489,749	7,620,814	10,114,303	9,129,143	8,968,829	8,694,351	7,625,254	5,568,262	2,837,673	601,390	601,390

Calculation of Purchased Power Capacity Cost Recovery Factors
Gulf Power Company
For January 2015 - December 2015

Rate Class	A Average 12 CP Load Factor at Meter	B 2015 Projected KWH Sales at Meter	C Projected Avg 12 CP KW at Meter Col B / (8,760 hours x Col A)	D Demand Loss Expansion Factor	E Energy Loss Expansion Factor	F 2015 Projected KWH Sales at Generation Col B x Col E	G Projected Avg 12 CP KW at Generation Col C x Col D	H Percentage of KWH Sales at Generation Col F / Total Col F	I Percentage of 12 CP KW Demand at Generation Col G / Total Col G
RS, RSVP	57.025261%	5,188,672,000	1,038,687	1.00820508	1.00777864	5,229,032,812	1,047,210	47.29633%	56.32886%
GS	65.082883%	293,459,000	51,473	1.00820395	1.00777656	295,741,102	51,895	2.67496%	2.79140%
GSD, GSDT, GSTOU	75.900487%	2,703,797,000	406,654	1.00800263	1.00762887	2,724,423,916	409,909	24.64227%	22.04877%
LP, LPT	85.148219%	1,168,926,000	156,714	0.97344897	0.98364378	1,149,806,789	152,553	10.39994%	8.20574%
PX, PXT, RTP, SBS	88.430490%	1,552,162,000	200,369	0.95247952	0.96644352	1,500,076,907	190,848	13.56811%	10.26559%
OS - I / II	782.722832%	111,207,000	1,622	1.00802086	1.00777465	112,071,596	1,635	1.01368%	0.08794%
OS-III	101.182319%	44,399,000	5,009	1.00838359	1.00778595	44,744,688	5,051	0.40471%	0.27170%
TOTAL		11,062,622,000	1,860,528			11,055,897,810	1,859,100	100.00000%	100.00000%

Notes:
Col A - Average 12 CP load factor based on actual 2012 load research data.
Col C - 8,760 is the number of hours in 12 months.

Calculation of Purchased Power Capacity Cost Recovery Factors
Gulf Power Company
For January 2015 - December 2015

	A	B	C	D	E	F	G	H	I
Rate Class	2015 Percentage of KWH Sales at Generation Page 1, Col I	Percentage of 12 CP KW Demand at Generation Page 1, Col J	Energy-Related Costs ($)	Demand-Related Costs ($)	Total Capacity Costs ($) Col C + Col D	2015 Projected KWH Sales at Meter Page 1, Col B	Capacity Cost Recovery Factors (¢ / KWH) Col E / Col F x 100	2015 Projected KW at Meter Page 1, Col C	Capacity Costs Recovery Factors ($/KW) Col E / Col F x 100
RS, RSVP	47.29633%	56.32886%	3,109,269	44,436,831	47,546,100	5,188,672,000	0.916		
GS	2.67496%	2.79140%	175,852	2,202,086	2,377,938	293,459,000	0.810		
GSD, GSDT, GSTOU	24.64227%	22.04877%	1,619,987	17,393,881	19,013,868	2,703,797,000	0.703		
LP, LPT	10.39994%	8.20574%	683,694	6,473,362	7,157,056	1,168,926,000	0.000	2,539,000	2.82
PX, PXT, RTP, SBS	13.56811%	10.26559%	891,970	8,098,341	8,990,311	1,552,162,000	0.579		
OS - I / II	1.01368%	0.08794%	66,640	69,374	136,014	111,207,000	0.122		
OS-III	0.40471%	0.27170%	26,606	214,339	240,945	44,399,000	0.543		
TOTAL	100.00000%	100.00000%	$6,574,018	$78,888,214	$85,462,232	11,062,622,000	0.773	2,539,000	2.819

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

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

Gulf Power Company
2015 Capacity Contracts

Schedule CCE-4
Page 1 of 2

Contract/Counterparty	Term Start	Term End (1)	Contract Type
Southern Intercompany Interchange	5/1/2007	5 Yr Notice	SES Opco
PPAs			
Shell Energy N.A. (U.S.), LP (2)	11/2/2009	5/31/2023	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 became firm on June 1, 2014.

Capacity Costs
2015

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
PPAs												
Shell Energy N.A. (U.S.), LP	[redacted]											
Other												
South Carolina PSA	[redacted]											
Total		7,396,477		7,396,477		7,396,477		7,396,477		7,396,477		7,396,477

Gulf Power Company
2015 Capacity Contracts

Schedule CCE-4
Page 2 of 2

Contract/Counterparty	Term Start	Term End (1)	Contract Type
Southern Intercompany Interchange	5/1/2007	5 Yr Notice	SES Opco
PPAs			
Shell Energy N.A. (U.S.), LP (2)	11/2/2009	5/31/2023	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 became firm onn June 1, 2014.

Capacity Costs
2015

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	(2.3)	(1,000)	0.0	0	(1,000)
PPAs													
Shell Energy N.A. (U.S.), LP	[redacted]												
Other													
South Carolina PSA	[redacted]												
Total		7,396,477		7,396,477		7,396,477		7,396,477		7,395,477		7,396,477	88,756,724

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

FUEL AND PURCHASED POWER COST RECOVERY CLAUSE

Docket No. 140001-EI

PREPARED DIRECT TESTIMONY AND EXHIBITS OF

M. A. YOUNG, III

GENERATING PERFORMANCE INCENTIVE FACTOR TARGETS FOR

JANUARY 2015 – DECEMBER 2015

AUGUST 22, 2014

GULF POWER

A SOUTHERN COMPANY

GULF POWER COMPANY

Before the Florida Public Service Commission
Direct Testimony of
M. A. Young, III
Docket No. 140001-EI
Date of Filing: August 22, 2014

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, 2015 through December 31, 2015.

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, Daniel Units 1 and 2, and Smith Unit 3, be included as the Company's GPIF units. The projected net generation from these units is approximately 94% of Gulf's projected net generation for 2015.

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, 2015 through December 31, 2015?

A. I would like to refer you to page 23 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 20 of Schedule 1 contain the weekly historical data used for the statistical development of these equations. Pages 21 and 22 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 23 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, Daniel Units 1 and 2, and Smith Unit 3 for inclusion under the GPIF for the period of January 1, 2015 through December 31, 2015.

2. The target, maximum attainable, and minimum attainable average net operating heat rates, as proposed by the Company and as shown on page 23 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. 140001-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 21st day of August, 2014.

Melissa A. Darnes

Notary Public, State of Florida at Large

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

EXHIBIT TO THE TESTIMONY OF

M. A. YOUNG, III

IN FPSC DOCKET 140001-EI

I. DETERMINATION OF HEAT RATE TARGETS

Target Heat Rate Equations

Crist 6 ANOHR = 10^6 / AKW * [547.85 + 100.05 * JAN + 141.57 * FEB + 147.80 * MAR + 131.25 * APR + 62.34 * AUG + 36.24 * OCT]
+ 7,054 + 0.00420 * LSRF / AKW

Crist 7 ANOHR = 10^6 / AKW * [735.33 - 74.26 * MAR + 77.66 * APR]
+ 7,097 + 0.00393 * LSRF / AKW

Daniel 1 ANOHR = 10^6 / AKW * [338.36 + 79.10 * MAY + 137.43 * OCT + 89.35 * NOV]
+ 9,278

DANIEL 2 ANOHR = 10^6 / AKW * [430.73 - 94.68 * JAN - 274.79 * FEB + 67.80 * MAR + 155.49 * OCT]
+ 8,937

Smith 3 ANOHR = 10^6 / AKW * [314.69 - 33.91 * OCT]
+ 6,195

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

HtRt	HR	AMW	LSRF	J	F	M	A	M	J	J	A	S	O	N	NS	YR	
11992	108	166.00	31680.	0	0	0	0	0	0	1	0	0	0	0	1	2011	
12017	168	162.20	29049.	0	0	0	0	0	0	1	0	0	0	0	0	2011	
12302	168	137.30	19866.	0	0	0	0	0	0	1	0	0	0	0	0	2011	
11797	93	152.00	23793.	0	0	0	0	0	0	1	0	0	0	0	0	2011	
11856	161	150.70	25323.	0	0	0	0	0	0	0	1	0	0	0	1	2011	
11632	54	173.00	34919.	0	0	0	0	0	0	0	1	0	0	0	1	2011	
11171	168	178.20	35342.	0	0	0	0	0	0	0	1	0	0	0	0	2011	
11212	168	172.80	32908.	0	0	0	0	0	0	0	1	0	0	0	0	2011	
11098	168	183.30	37552.	0	0	0	0	0	0	0	1	0	0	0	0	2011	
11855	163	135.80	19869.	0	0	0	0	0	0	0	0	1	0	0	0	2011	
11625	168	153.70	26369.	0	0	0	0	0	0	0	0	1	0	0	0	2011	
11604	168	155.70	27090.	0	0	0	0	0	0	0	0	1	0	0	0	2011	
11198	136	166.30	32011.	0	0	0	0	0	0	0	0	1	0	0	1	2011	
11975	168	127.20	16651.	0	0	0	0	0	0	0	0	0	1	0	0	2011	
12182	168	134.50	18587.	0	0	0	0	0	0	0	0	0	1	0	0	2011	
12317	168	124.30	15560.	0	0	0	0	0	0	0	0	0	1	0	0	2011	
12343	164	122.20	15044.	0	0	0	0	0	0	0	0	0	1	0	0	2011	
12250	76	119.60	14538.	0	0	0	0	0	0	0	0	0	0	1	1	2011	
11456	140	136.70	20466.	0	0	0	0	0	0	0	0	0	0	1	1	2011	
11800	72	128.60	16878.	0	0	0	0	0	0	0	0	0	0	0	0	2011	
11952	140	137.10	19829.	0	0	0	0	0	0	0	0	0	0	0	1	2011	
12056	168	132.10	18221.	0	0	0	0	0	0	0	0	0	0	0	0	2011	
12084	168	126.00	16071.	0	0	0	0	0	0	0	0	0	0	0	0	2011	
12017	24	124.90	15682.	0	0	0	0	0	0	0	0	0	0	0	0	2011	Dec
11889	120	144.10	22044.	1	0	0	0	0	0	0	0	0	0	0	0	2012	
12270	106	145.20	26039.	0	0	0	1	0	0	0	0	0	0	0	1	2012	
11057	168	173.20	34715.	0	0	0	0	1	0	0	0	0	0	0	0	2012	
10426	168	193.00	40563.	0	0	0	0	1	0	0	0	0	0	0	0	2012	
10227	168	216.00	48109.	0	0	0	0	1	0	0	0	0	0	0	0	2012	
10091	168	241.80	59959.	0	0	0	0	1	0	0	0	0	0	0	0	2012	
* 8718	168	213.10	45408.	0	0	0	0	1	0	0	0	0	0	0	0	2012	
10882	168	229.90	53953.	0	0	0	0	0	1	0	0	0	0	0	0	2012	
10915	168	218.40	48094.	0	0	0	0	0	1	0	0	0	0	0	0	2012	
10660	153	223.60	51774.	0	0	0	0	0	1	0	0	0	0	0	0	2012	Jun
11033	33	180.50	36522.	0	0	0	0	0	0	1	0	0	0	0	1	2012	
10437	168	217.10	47588.	0	0	0	0	0	0	1	0	0	0	0	0	2012	
11197	168	201.30	40633.	0	0	0	0	0	0	0	1	0	0	0	0	2012	
11388	160	226.60	53652.	0	0	0	0	0	0	0	1	0	0	0	0	2012	
11726	153	189.30	36646.	0	0	0	0	0	0	0	1	0	0	0	1	2012	
10989	168	192.40	37036.	0	0	0	0	0	0	0	0	1	0	0	0	2012	
10773	168	196.90	39175.	0	0	0	0	0	0	0	0	1	0	0	0	2012	
10638	165	197.60	39630.	0	0	0	0	0	0	0	0	1	0	0	0	2012	
10787	137	195.70	39790.	0	0	0	0	0	0	0	0	1	0	0	1	2012	
10961	97	197.00	40584.	0	0	0	0	0	0	0	0	0	1	0	1	2012	
10768	168	205.70	42661.	0	0	0	0	0	0	0	0	0	1	0	0	2012	
10790	168	193.70	37770.	0	0	0	0	0	0	0	0	0	1	0	0	2012	
10857	168	192.70	37305.	0	0	0	0	0	0	0	0	0	1	0	0	2012	
10775	151	192.80	37303.	0	0	0	0	0	0	0	0	0	1	0	0	2012	
11141	104	173.10	30700.	0	0	0	0	0	0	0	0	0	0	1	1	2012	
*11212	85	120.30	14877.	0	0	0	0	0	0	0	0	0	0	1	1	2012	
11053	168	176.60	32009.	0	0	0	0	0	0	0	0	0	0	1	0	2012	
10531	168	208.60	44859.	0	0	0	0	0	0	0	0	0	0	1	0	2012	
10537	168	211.20	46048.	0	0	0	0	0	0	0	0	0	0	0	0	2012	

Data Base for CRIST 6 Target Heat Rate Equation

HtRt	Hr	AMW	LSRF	J	F	M	A	M	J	J	A	S	O	N	NS	YR	
10467	168	204.00	42392.	0	0	0	0	0	0	0	0	0	0	0	0	2012	
10412	142	193.30	37486.	0	0	0	0	0	0	0	0	0	0	0	0	2012	Dec
11409	125	191.20	37711.	0	0	0	1	0	0	0	0	0	0	0	1	2013	
11326	168	200.80	40954.	0	0	0	1	0	0	0	0	0	0	0	0	2013	
11300	168	197.90	39674.	0	0	0	1	0	0	0	0	0	0	0	0	2013	
10248	19	176.40	33251.	0	0	0	0	1	0	0	0	0	0	0	0	2013	
11434	165	185.20	35872.	0	0	0	0	0	1	0	0	0	0	0	1	2013	
11319	117	174.20	31816.	0	0	0	0	0	1	0	0	0	0	0	0	2013	
*13293	32	168.20	31224.	0	0	0	0	0	1	0	0	0	0	0	1	2013	Jun
10647	168	193.47	37441	0	0	0	0	0	0	1	0	0	0	0	0	2013	JUL
10498	168	193.99	37648	0	0	0	0	0	0	1	0	0	0	0	0	2013	
10511	168	198.91	39977	0	0	0	0	0	0	1	0	0	0	0	0	2013	
10385	168	190.33	36369	0	0	0	0	0	0	1	0	0	0	0	0	2013	
10661	126	166.06	22340	0	0	0	0	0	0	0	1	0	0	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	1	0	0	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	1	0	0	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	1	0	0	0	0	2013	
10865	53	179.38	11226	0	0	0	0	0	0	0	1	0	0	0	1	2013	
10749	168	192.99	37289	0	0	0	0	0	0	0	0	1	0	0	0	2013	
10730	168	192.04	36912	0	0	0	0	0	0	0	0	1	0	0	0	2013	
10611	168	195.32	38228	0	0	0	0	0	0	0	0	1	0	0	0	2013	
10228	81	189.42	20445	0	0	0	0	0	0	0	0	1	0	0	0	2013	
11357	66	181.00	14562	0	0	0	0	0	0	0	0	0	1	0	1	2013	
* 9790	20	186.40	5075	0	0	0	0	0	0	0	0	0	1	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	1	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	1	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	1	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	1	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	1	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	1	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	1	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	2013	
11329	93	183.80	20529	1	0	0	0	0	0	0	0	0	0	0	1	2014	JAN
11336	168	192.32	36996	1	0	0	0	0	0	0	0	0	0	0	0	2014	
11090	168	193.83	37617	1	0	0	0	0	0	0	0	0	0	0	0	2014	
11413	168	193.65	37510	1	0	0	0	0	0	0	0	0	0	0	0	2014	
11354	168	194.94	38126	0	1	0	0	0	0	0	0	0	0	0	0	2014	
11293	168	194.85	38108	0	1	0	0	0	0	0	0	0	0	0	0	2014	
11202	58	190.16	15411	0	1	0	0	0	0	0	0	0	0	0	0	2014	
* 0	0	0.00	0	0	1	0	0	0	0	0	0	0	0	0	0	2014	
11439	163	188.02	35938	0	0	1	0	0	0	0	0	0	0	0	1	2014	
11400	86	191.02	20886	0	0	1	0	0	0	0	0	0	0	0	0	2014	
* 0	0	0.00	0	0	0	1	0	0	0	0	0	0	0	0	0	2014	
* 0	0	0.00	0	0	0	1	0	0	0	0	0	0	0	0	0	2014	
* 0	0	0.00	0	0	0	1	0	0	0	0	0	0	0	0	0	2014	
* 0	0	0.00	0	0	0	0	1	0	0	0	0	0	0	0	0	2014	
*11423	17	153.65	3981	0	0	0	1	0	0	0	0	0	0	0	1	2014	
12055	145	185.41	34130	0	0	0	1	0	0	0	0	0	0	0	0	2014	
*12072	168	199.15	40012	0	0	0	1	0	0	0	0	0	0	0	0	2014	
10811	168	196.76	38877	0	0	0	0	1	0	0	0	0	0	0	0	2014	

Data Base for CRIST 6 Target Heat Rate Equation

HtRt	Hr	AMW	LSRF	J	F	M	A	M	J	J	A	S	O	N	NS	YR	
10936	168	198.95	39961	0	0	0	0	1	0	0	0	0	0	0	0	2014	
10941	168	195.01	38099	0	0	0	0	1	0	0	0	0	0	0	0	2014	
10938	168	194.50	37872	0	0	0	0	1	0	0	0	0	0	0	0	2014	
10185	168	204.47	42570	0	0	0	0	1	0	0	0	0	0	0	0	2014	
10241	133	206.55	37184	0	0	0	0	0	1	0	0	0	0	0	0	2014	JUN
10438	103	188.93	23755	0	0	0	0	0	1	0	0	0	0	0	1	2014	
10124	168	198.93	39777	0	0	0	0	0	1	0	0	0	0	0	0	2014	
10205	144	196.13	38586	0	0	0	0	0	1	0	0	0	0	0	0	2014	

HtRt 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.

Hr 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.

J to N 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.

YR 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

HtRt	Hr	AMW	LSRF	J	F	M	A	M	J	J	A	S	O	N	NS	YR	
10391	168	365.20	143627.	0	0	0	0	0	0	1	0	0	0	0	0	2011	
10459	168	383.70	156888.	0	0	0	0	0	0	1	0	0	0	0	0	2011	
10596	168	340.90	124823.	0	0	0	0	0	0	1	0	0	0	0	0	2011	
10622	168	352.80	133652.	0	0	0	0	0	0	1	0	0	0	0	0	2011	
10619	168	377.30	150389.	0	0	0	0	0	0	0	1	0	0	0	0	2011	
10960	168	364.30	141904.	0	0	0	0	0	0	0	1	0	0	0	0	2011	
11118	166	308.70	109252.	0	0	0	0	0	0	0	1	0	0	0	0	2011	
10895	168	368.60	145447.	0	0	0	0	0	0	0	1	0	0	0	0	2011	
11046	115	342.80	129452.	0	0	0	0	0	0	0	1	0	0	0	0	2011	
11031	163	297.70	95801.	0	0	0	0	0	0	0	0	1	0	0	1	2011	
10697	168	336.90	122645.	0	0	0	0	0	0	0	0	1	0	0	0	2011	
10564	168	349.30	131195.	0	0	0	0	0	0	0	0	1	0	0	0	2011	
10325	168	385.60	154815.	0	0	0	0	0	0	0	0	1	0	0	0	2011	
10380	168	345.80	121915.	0	0	0	0	0	0	0	0	0	1	0	0	2011	
10762	168	337.80	118429.	0	0	0	0	0	0	0	0	0	1	0	0	2011	
10628	168	335.20	117078.	0	0	0	0	0	0	0	0	0	1	0	0	2011	
10766	168	310.60	99012.	0	0	0	0	0	0	0	0	0	1	0	0	2011	
10886	168	309.00	96689.	0	0	0	0	0	0	0	0	0	1	0	0	2011	
10913	169	299.80	90940.	0	0	0	0	0	0	0	0	0	0	1	0	2011	
10904	168	312.80	99933.	0	0	0	0	0	0	0	0	0	0	1	0	2011	
11124	168	296.30	88421.	0	0	0	0	0	0	0	0	0	0	1	0	2011	
10828	168	318.30	104866.	0	0	0	0	0	0	0	0	0	0	1	0	2011	
10973	168	324.00	108398.	0	0	0	0	0	0	0	0	0	0	0	0	2011	
10825	49	343.20	123127.	0	0	0	0	0	0	0	0	0	0	0	0	2011	Dec
11562	109	252.50	66806.	1	0	0	0	0	0	0	0	0	0	0	1	2012	
11363	168	257.70	66959.	1	0	0	0	0	0	0	0	0	0	0	0	2012	
11325	168	263.00	70273.	1	0	0	0	0	0	0	0	0	0	0	0	2012	
11742	119	251.10	65202.	1	0	0	0	0	0	0	0	0	0	0	1	2012	
11276	168	253.10	64136.	0	1	0	0	0	0	0	0	0	0	0	0	2012	
11438	168	260.10	68885.	0	1	0	0	0	0	0	0	0	0	0	0	2012	
11410	168	264.90	72304.	0	1	0	0	0	0	0	0	0	0	0	0	2012	
11488	168	251.70	63397.	0	1	0	0	0	0	0	0	0	0	0	0	2012	
11957	168	248.90	61984.	0	1	0	0	0	0	0	0	0	0	0	0	2012	
*12412	168	259.80	69450.	0	0	1	0	0	0	0	0	0	0	0	0	2012	
11830	167	252.20	63729.	0	0	1	0	0	0	0	0	0	0	0	0	2012	
10377	168	271.10	76417.	0	0	1	0	0	0	0	0	0	0	0	0	2012	
10308	168	253.30	64299.	0	0	1	0	0	0	0	0	0	0	0	0	2012	
11664	161	251.80	65330.	0	0	0	1	0	0	0	0	0	0	0	0	2012	
11435	168	250.00	62674.	0	0	0	1	0	0	0	0	0	0	0	0	2012	
11574	168	264.00	72473.	0	0	0	1	0	0	0	0	0	0	0	0	2012	
11942	167	266.30	74523.	0	0	0	1	0	0	0	0	0	0	0	0	2012	
12131	133	257.40	68409.	0	0	0	0	1	0	0	0	0	0	0	1	2012	
*12302	96	271.30	78575.	0	0	0	0	1	0	0	0	0	0	0	0	2012	
11943	147	290.30	91734.	0	0	0	0	1	0	0	0	0	0	0	1	2012	
11814	139	280.90	83423.	0	0	0	0	1	0	0	0	0	0	0	0	2012	
10999	143	289.20	90503.	0	0	0	0	0	1	0	0	0	0	0	1	2012	
11259	168	257.30	66737.	0	0	0	0	0	1	0	0	0	0	0	0	2012	
11159	168	285.70	87054.	0	0	0	0	0	1	0	0	0	0	0	0	2012	
10837	168	291.20	88708.	0	0	0	0	0	1	0	0	0	0	0	0	2012	Jun
11257	168	285.50	85623.	0	0	0	0	0	0	1	0	0	0	0	0	2012	
11380	168	267.30	74218.	0	0	0	0	0	0	1	0	0	0	0	0	2012	
11382	146	267.90	74080.	0	0	0	0	0	0	1	0	0	0	0	0	2012	
11531	145	269.60	80788.	0	0	0	0	0	0	1	0	0	0	0	1	2012	

Data Base for CRIST 7 Target Heat Rate Equation

HtRt	Hr	AMW	LSRF	J	F	M	A	M	J	J	A	S	O	N	NS	YR	
10852	168	275.90	79324.	0	0	0	0	0	0	0	1	0	0	0	0	2012	
10173	165	294.10	93489.	0	0	0	0	0	0	0	1	0	0	0	0	2012	
11021	168	263.30	71173.	0	0	0	0	0	0	0	1	0	0	0	0	2012	
12054	168	250.90	63309.	0	0	0	0	0	0	0	1	0	0	0	0	2012	
10464	100	268.20	75448.	0	0	0	0	0	0	0	1	0	0	0	0	2012	
*13729	70	223.10	60117.	0	0	0	0	0	0	0	0	0	0	0	3	2012	
10981	168	265.90	73931.	0	0	0	0	0	0	0	0	0	0	0	0	2012	
*12871	24	264.20	71849.	0	0	0	0	0	0	0	0	0	0	0	0	2012	Dec
11066	168	261.00	70443.	1	0	0	0	0	0	0	0	0	0	0	0	2013	
10829	163	280.80	83537.	1	0	0	0	0	0	0	0	0	0	0	0	2013	
10860	168	280.80	84120.	1	0	0	0	0	0	0	0	0	0	0	0	2013	
10729	168	266.70	73652.	1	0	0	0	0	0	0	0	0	0	0	0	2013	
11046	168	248.10	61794.	0	1	0	0	0	0	0	0	0	0	0	0	2013	
11434	168	247.20	61146.	0	1	0	0	0	0	0	0	0	0	0	0	2013	
11335	168	254.60	65469.	0	1	0	0	0	0	0	0	0	0	0	0	2013	
11239	168	250.10	62578.	0	1	0	0	0	0	0	0	0	0	0	0	2013	
10821	168	249.00	62111.	0	0	1	0	0	0	0	0	0	0	0	0	2013	
10640	167	247.10	61080.	0	0	1	0	0	0	0	0	0	0	0	0	2013	
10783	168	254.20	65281.	0	0	1	0	0	0	0	0	0	0	0	0	2013	
10683	158	249.70	63426.	0	0	1	0	0	0	0	0	0	0	0	0	2013	
10602	168	258.40	67874.	0	0	1	0	0	0	0	0	0	0	0	0	2013	
10847	168	259.70	68351.	0	0	0	1	0	0	0	0	0	0	0	0	2013	
10946	61	255.80	67270.	0	0	0	1	0	0	0	0	0	0	0	0	2013	
11356	157	249.10	62769.	0	0	0	0	1	0	0	0	0	0	0	1	2013	
10664	168	255.40	65980.	0	0	0	0	1	0	0	0	0	0	0	0	2013	
10610	168	258.10	67310.	0	0	0	0	1	0	0	0	0	0	0	0	2013	
10640	168	266.80	72485.	0	0	0	0	1	0	0	0	0	0	0	0	2013	
10647	168	272.90	76573.	0	0	0	0	1	0	0	0	0	0	0	0	2013	
10812	168	254.30	65164.	0	0	0	0	0	1	0	0	0	0	0	0	2013	
10508	168	295.90	93213.	0	0	0	0	0	1	0	0	0	0	0	0	2013	
11057	168	259.70	70677.	0	0	0	0	0	1	0	0	0	0	0	0	2013	
10858	144	292.40	90936.	0	0	0	0	0	1	0	0	0	0	0	0	2013	Jun
10749	168	250.85	63000	0	0	0	0	0	0	1	0	0	0	0	0	2013	JUL
11072	157	254.13	66824	0	0	0	0	0	0	1	0	0	0	0	0	2013	
10907	168	268.24	73675	0	0	0	0	0	0	1	0	0	0	0	0	2013	
10891	119	259.91	49329	0	0	0	0	0	0	1	0	0	0	0	0	2013	
11296	70	269.63	33905	0	0	0	0	0	0	0	1	0	0	0	1	2013	
10966	168	293.89	92308	0	0	0	0	0	0	0	1	0	0	0	0	2013	
11174	168	256.58	67112	0	0	0	0	0	0	0	1	0	0	0	0	2013	
11292	168	261.84	70330	0	0	0	0	0	0	0	1	0	0	0	0	2013	
10264	158	298.56	93956	0	0	0	0	0	0	0	1	0	0	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	1	0	0	0	2013	
*11182	20	223.95	12085	0	0	0	0	0	0	0	0	1	0	0	2	2013	
10442	166	300.05	97592	0	0	0	0	0	0	0	0	1	0	0	0	2013	
10352	168	302.14	98957	0	0	0	0	0	0	0	0	1	0	0	0	2013	
10548	168	270.57	75107	0	0	0	0	0	0	0	0	0	1	0	0	2013	
10537	168	275.19	78091	0	0	0	0	0	0	0	0	0	1	0	0	2013	
10603	168	260.63	68861	0	0	0	0	0	0	0	0	0	1	0	0	2013	
10522	168	256.17	66102	0	0	0	0	0	0	0	0	0	1	0	0	2013	
10587	169	250.93	63811	0	0	0	0	0	0	0	0	0	1	0	0	2013	
10489	168	255.07	65714	0	0	0	0	0	0	0	0	0	0	1	0	2013	
10542	168	250.29	62810	0	0	0	0	0	0	0	0	0	0	1	0	2013	
10560	168	249.36	62285	0	0	0	0	0	0	0	0	0	0	1	0	2013	

Data Base for CRIST 7 Target Heat Rate Equation

HtRt	Hr	AMW	LSRF	J	F	M	A	M	J	J	A	S	O	N	NS	YR	
10790	168	252.92	64519	0	0	0	0	0	0	0	0	0	0	1	0	2013	
10118	57	251.82	26943	0	0	0	0	0	0	0	0	0	0	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	2013	
10321	54	238.65	22443	0	0	0	0	0	0	0	0	0	0	0	1	2013	
10217	167	246.47	61178	0	0	0	0	0	0	0	0	0	0	0	0	2013	
10266	138	286.23	74107	1	0	0	0	0	0	0	0	0	0	0	1	2014	JAN
10248	130	245.63	52186	1	0	0	0	0	0	0	0	0	0	0	1	2014	
10090	168	250.19	62619	1	0	0	0	0	0	0	0	0	0	0	0	2014	
10026	168	258.47	67424	1	0	0	0	0	0	0	0	0	0	0	0	2014	
10172	168	275.49	79595	0	1	0	0	0	0	0	0	0	0	0	0	2014	
10120	168	289.95	89359	0	1	0	0	0	0	0	0	0	0	0	0	2014	
10319	168	276.52	79472	0	1	0	0	0	0	0	0	0	0	0	0	2014	
10751	126	251.57	55128	0	1	0	0	0	0	0	0	0	0	0	1	2014	
10615	168	272.85	78472	0	0	1	0	0	0	0	0	0	0	0	0	2014	
10378	167	282.27	82656	0	0	1	0	0	0	0	0	0	0	0	0	2014	
10228	168	344.69	129508	0	0	1	0	0	0	0	0	0	0	0	0	2014	
11053	168	249.74	62635	0	0	1	0	0	0	0	0	0	0	0	0	2014	
10713	168	248.31	61669	0	0	1	0	0	0	0	0	0	0	0	0	2014	
11026	168	252.86	64756	0	0	0	1	0	0	0	0	0	0	0	0	2014	
10952	168	247.17	61446	0	0	0	1	0	0	0	0	0	0	0	0	2014	
11316	168	249.24	62186	0	0	0	1	0	0	0	0	0	0	0	0	2014	
11250	168	267.09	72718	0	0	0	1	0	0	0	0	0	0	0	0	2014	
10551	168	256.29	66212	0	0	0	0	1	0	0	0	0	0	0	0	2014	
10546	168	251.97	63893	0	0	0	0	1	0	0	0	0	0	0	0	2014	
10587	168	253.02	64461	0	0	0	0	1	0	0	0	0	0	0	0	2014	
10587	168	256.84	66783	0	0	0	0	1	0	0	0	0	0	0	0	2014	
10669	168	268.61	74305	0	0	0	0	1	0	0	0	0	0	0	0	2014	
11237	168	295.32	92586	0	0	0	0	0	1	0	0	0	0	0	0	2014	JUN
10703	168	260.80	69553	0	0	0	0	0	1	0	0	0	0	0	0	2014	
11505	168	264.54	71837	0	0	0	0	0	1	0	0	0	0	0	0	2014	
11623	144	253.85	64923	0	0	0	0	0	1	0	0	0	0	0	0	2014	

Data Base for CRIST 7 Target Heat Rate Equation

HtRt 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.

Hr 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.

J to N 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.

YR 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

HtRt	Hr	AMW	LSRF	J	F	M	A	M	J	J	A	S	O	N	NS	YR	
10536	168	279.50	89916.	0	0	0	0	0	0	1	0	0	0	0	0	2011	
10471	168	296.50	98027.	0	0	0	0	0	0	1	0	0	0	0	0	2011	
10788	168	260.00	75155.	0	0	0	0	0	0	1	0	0	0	0	0	2011	
10975	168	251.60	69027.	0	0	0	0	0	0	1	0	0	0	0	0	2011	
10543	168	284.90	92113.	0	0	0	0	0	0	0	1	0	0	0	0	2011	
10181	162	317.20	117344.	0	0	0	0	0	0	0	1	0	0	0	0	2011	
10163	168	307.20	108656.	0	0	0	0	0	0	0	1	0	0	0	0	2011	
10155	168	317.50	115100.	0	0	0	0	0	0	0	1	0	0	0	0	2011	
10552	90	275.80	92847.	0	0	0	0	0	0	0	1	0	0	0	0	2011	
11811	88	235.60	63632.	0	0	0	0	0	0	0	0	0	0	1	1	2011	
10285	98	278.50	78931.	0	0	0	0	0	0	0	0	0	0	0	0	2011	
13154	9	191.80	64686.	0	0	0	0	0	0	0	0	0	0	0	1	2011	Dec
10089	77	370.80	144774.	1	0	0	0	0	0	0	0	0	0	0	1	2012	
10808	39	319.30	122981.	1	0	0	0	0	0	0	0	0	0	0	1	2012	
9909	99	323.10	126738.	0	0	1	0	0	0	0	0	0	0	0	1	2012	
*19948	7	151.00	27381.	0	0	0	0	1	0	0	0	0	0	0	1	2012	
10473	102	346.00	147336.	0	0	0	0	1	0	0	0	0	0	0	0	2012	
11272	39	286.80	105300.	0	0	0	0	1	0	0	0	0	0	0	1	2012	
11301	168	240.30	69262.	0	0	0	0	1	0	0	0	0	0	0	0	2012	
11298	72	178.00	31764.	0	0	0	0	0	1	0	0	0	0	0	0	2012	
9983	94	359.60	150831.	0	0	0	0	0	1	0	0	0	0	0	1	2012	
9742	168	371.50	158440.	0	0	0	0	0	1	0	0	0	0	0	0	2012	Jun
10013	168	361.10	149830.	0	0	0	0	0	0	1	0	0	0	0	0	2012	
9971	168	374.00	158967.	0	0	0	0	0	0	1	0	0	0	0	0	2012	
10510	168	312.40	115455.	0	0	0	0	0	0	1	0	0	0	0	0	2012	
10625	168	343.70	131178.	0	0	0	0	0	0	1	0	0	0	0	0	2012	
10611	168	286.70	97691.	0	0	0	0	0	0	0	1	0	0	0	0	2012	
11228	168	204.30	45512.	0	0	0	0	0	0	0	1	0	0	0	0	2012	
11099	168	204.60	45347.	0	0	0	0	0	0	0	1	0	0	0	0	2012	
11585	96	178.20	32209.	0	0	0	0	0	0	0	1	0	0	0	0	2012	
11321	100	200.30	44484.	0	0	0	0	0	0	0	1	0	0	0	1	2012	
10783	146	343.30	133308.	0	0	0	0	0	0	0	0	0	1	0	1	2012	
10175	169	361.90	143659.	0	0	0	0	0	0	0	0	0	0	1	0	2012	
10169	168	398.80	168098.	0	0	0	0	0	0	0	0	0	0	1	0	2012	
10189	42	338.00	121188.	0	0	0	0	0	0	0	0	0	0	1	0	2012	Dec
11137	104	215.60	49851.	0	0	1	0	0	0	0	0	0	0	0	1	2013	
10651	96	220.20	52089.	0	0	1	0	0	0	0	0	0	0	0	0	2013	
12226	14	282.70	91968.	0	0	1	0	0	0	0	0	0	0	0	1	2013	
10370	100	257.20	77297.	0	0	1	0	0	0	0	0	0	0	0	0	2013	
10552	164	232.60	61519.	0	0	0	1	0	0	0	0	0	0	0	1	2013	
10273	168	270.40	82594.	0	0	0	1	0	0	0	0	0	0	0	0	2013	
10284	168	267.70	78340.	0	0	0	1	0	0	0	0	0	0	0	0	2013	
11445	45	197.50	40266.	0	0	0	0	1	0	0	0	0	0	0	0	2013	
11261	145	264.60	80249.	0	0	0	0	1	0	0	0	0	0	0	1	2013	
10626	163	236.50	62606.	0	0	0	0	0	1	0	0	0	0	0	0	2013	
10295	168	302.80	106712.	0	0	0	0	0	1	0	0	0	0	0	0	2013	
10310	168	262.30	79346.	0	0	0	0	0	1	0	0	0	0	0	0	2013	
10434	144	278.20	88380.	0	0	0	0	0	1	0	0	0	0	0	0	2013	Jun
10684	168	213.32	50798	0	0	0	0	0	0	1	0	0	0	0	0	2013	JUL
10742	168	246.39	70953	0	0	0	0	0	0	1	0	0	0	0	0	2013	
10406	168	274.11	91323	0	0	0	0	0	0	1	0	0	0	0	0	2013	
10794	168	224.68	57652	0	0	0	0	0	0	1	0	0	0	0	0	2013	
10545	168	230.87	60607	0	0	0	0	0	0	0	1	0	0	0	0	2013	

Data Base for DANIEL 1 Target Heat Rate Equation

HtRt	Hr	AMW	LSRF	J	F	M	A	M	J	J	A	S	O	N	NS	YR	
10302	165	237.00	63706	0	0	0	0	0	0	0	1	0	0	0	0	2013	
10267	67	219.81	22610	0	0	0	0	0	0	0	1	0	0	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	1	0	0	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	1	0	0	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	1	0	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	1	0	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	1	0	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	1	0	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	1	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	1	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	1	0	0	2013	
12019	71	187.15	15612	0	0	0	0	0	0	0	0	0	1	0	1	2013	
11367	168	214.33	48662	0	0	0	0	0	0	0	0	0	1	0	0	2013	
11168	168	227.60	57276	0	0	0	0	0	0	0	0	0	0	1	0	2013	
11048	168	444.51	201884	0	0	0	0	0	0	0	0	0	0	1	0	2013	
10240	28	228.21	12073	0	0	0	0	0	0	0	0	0	0	1	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	1	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	2013	
10433	49	260.73	27157	0	0	0	0	0	0	0	0	0	0	0	1	2013	
10103	117	273.72	61122	0	0	0	0	0	0	0	0	0	0	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	2013	
10408	158	332.86	121292	1	0	0	0	0	0	0	0	0	0	0	0	2014	
10545	168	241.05	65261	1	0	0	0	0	0	0	0	0	0	0	0	2014	
10263	168	276.80	83094	1	0	0	0	0	0	0	0	0	0	0	0	2014	
10059	168	365.42	152137	1	0	0	0	0	0	0	0	0	0	0	0	2014	
10037	168	437.87	199018	0	1	0	0	0	0	0	0	0	0	0	0	2014	
10260	118	447.42	147817	0	1	0	0	0	0	0	0	0	0	0	0	2014	
* 0	0	0.00	0	0	1	0	0	0	0	0	0	0	0	0	0	2014	
10410	84	398.95	93858	0	1	0	0	0	0	0	0	0	0	0	2	2014	
10061	168	405.37	173053	0	0	1	0	0	0	0	0	0	0	0	0	2014	
9845	167	385.70	158668	0	0	1	0	0	0	0	0	0	0	0	0	2014	
10183	168	328.89	117495	0	0	1	0	0	0	0	0	0	0	0	0	2014	
10246	168	307.71	102543	0	0	1	0	0	0	0	0	0	0	0	0	2014	
10649	168	281.38	86018	0	0	1	0	0	0	0	0	0	0	0	0	2014	
11413	107	244.11	44167	0	0	0	1	0	0	0	0	0	0	0	0	2014	
* 0	0	0.00	0	0	0	0	1	0	0	0	0	0	0	0	0	2014	
* 0	0	0.00	0	0	0	0	1	0	0	0	0	0	0	0	0	2014	
* 0	0	0.00	0	0	0	0	1	0	0	0	0	0	0	0	0	2014	
11355	25	226.12	8591	0	0	0	0	1	0	0	0	0	0	0	1	2014	
10469	168	287.12	89736	0	0	0	0	1	0	0	0	0	0	0	0	2014	
10430	168	297.92	95263	0	0	0	0	1	0	0	0	0	0	0	0	2014	
10525	168	289.91	92358	0	0	0	0	1	0	0	0	0	0	0	0	2014	
10769	113	287.42	64936	0	0	0	0	1	0	0	0	0	0	0	1	2014	
10514	168	333.48	121774	0	0	0	0	0	1	0	0	0	0	0	0	2014	
10825	168	312.97	110138	0	0	0	0	0	1	0	0	0	0	0	0	2014	
10707	168	318.17	114970	0	0	0	0	0	1	0	0	0	0	0	0	2014	
10959	144	313.01	112148	0	0	0	0	0	1	0	0	0	0	0	0	2014	JUN

Data Base for DANIEL 1 Target Heat Rate Equation

HtRt	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.
Hr	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.
J to N	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.
YR	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

HtRt	Hr	AMW	LSRF	J	F	M	A	M	J	J	A	S	O	N	NS	YR	
10359	168	263.80	81452.	0	0	0	0	0	0	1	0	0	0	0	0	2011	
10386	168	287.40	91199.	0	0	0	0	0	0	1	0	0	0	0	0	2011	
10746	163	245.20	66586.	0	0	0	0	0	0	1	0	0	0	0	0	2011	
10509	168	253.90	69948.	0	0	0	0	0	0	1	0	0	0	0	0	2011	
10497	168	287.00	92871.	0	0	0	0	0	0	0	1	0	0	0	0	2011	
10392	168	308.20	109479.	0	0	0	0	0	0	0	1	0	0	0	0	2011	
10480	168	292.00	100090.	0	0	0	0	0	0	0	1	0	0	0	0	2011	
10438	168	305.70	107287.	0	0	0	0	0	0	0	1	0	0	0	0	2011	
10335	168	298.80	102724.	0	0	0	0	0	0	0	1	0	0	0	0	2011	
11300	141	209.50	48123.	0	0	0	0	0	0	0	0	1	0	0	0	2011	
10581	128	332.80	126935.	0	0	0	0	0	0	0	0	0	0	0	1	2011	
10466	168	276.90	90276.	0	0	0	0	0	0	0	0	0	0	0	0	2011	
10291	168	288.50	97975.	0	0	0	0	0	0	0	0	0	0	0	0	2011	
10209	168	373.50	153695.	0	0	0	0	0	0	0	0	0	0	0	0	2011	
9954	24	329.70	122738.	0	0	0	0	0	0	0	0	0	0	0	0	2011	Dec
9753	168	374.70	159244.	1	0	0	0	0	0	0	0	0	0	0	0	2012	
10043	155	299.10	107323.	1	0	0	0	0	0	0	0	0	0	0	0	2012	
10269	43	374.20	163246.	0	0	1	0	0	0	0	0	0	0	0	1	2012	
10278	167	389.80	169344.	0	0	1	0	0	0	0	0	0	0	0	0	2012	
10362	165	359.60	151162.	0	0	1	0	0	0	0	0	0	0	0	0	2012	
10302	168	376.90	161951.	0	0	1	0	0	0	0	0	0	0	0	0	2012	
10043	168	371.40	158313.	0	0	0	1	0	0	0	0	0	0	0	0	2012	
10082	167	379.40	164137.	0	0	0	1	0	0	0	0	0	0	0	0	2012	
9927	168	387.20	169036.	0	0	0	1	0	0	0	0	0	0	0	0	2012	
9925	168	393.10	172596.	0	0	0	1	0	0	0	0	0	0	0	0	2012	
10524	168	277.00	93180.	0	0	0	0	1	0	0	0	0	0	0	0	2012	
11546	97	198.20	41410.	0	0	0	0	1	0	0	0	0	0	0	0	2012	
10654	93	262.70	84175.	0	0	0	0	1	0	0	0	0	0	0	1	2012	
10670	168	237.60	65490.	0	0	0	0	1	0	0	0	0	0	0	0	2012	
10562	145	180.20	32662.	0	0	0	0	0	1	0	0	0	0	0	0	2012	
10347	45	262.80	79088.	0	0	0	0	0	1	0	0	0	0	0	1	2012	Jun
10689	168	233.00	60434.	0	0	0	0	0	0	1	0	0	0	0	0	2012	
10693	47	249.60	71761.	0	0	0	0	0	0	1	0	0	0	0	0	2012	
11437	117	230.30	60609.	0	0	0	0	0	0	1	0	0	0	0	1	2012	
11165	168	219.80	52979.	0	0	0	0	0	0	0	1	0	0	0	0	2012	
11343	165	194.90	39325.	0	0	0	0	0	0	0	1	0	0	0	0	2012	
11103	168	205.10	44972.	0	0	0	0	0	0	0	1	0	0	0	0	2012	
11436	74	182.20	33715.	0	0	0	0	0	0	0	1	0	0	0	0	2012	
11371	92	194.30	40683.	0	0	0	0	0	0	0	1	0	0	0	1	2012	Dec
10756	25	275.40	89609.	0	0	1	0	0	0	0	0	0	0	0	0	2013	
11099	168	242.90	64699.	0	0	0	1	0	0	0	0	0	0	0	0	2013	
10571	168	276.50	84927.	0	0	0	1	0	0	0	0	0	0	0	0	2013	
11184	45	192.90	38123.	0	0	0	0	1	0	0	0	0	0	0	0	2013	
11136	47	223.60	59418.	0	0	0	0	1	0	0	0	0	0	0	1	2013	
10639	168	256.60	79529.	0	0	0	0	1	0	0	0	0	0	0	0	2013	
10537	164	268.40	83134.	0	0	0	0	1	0	0	0	0	0	0	0	2013	
10469	168	269.50	85660.	0	0	0	0	0	1	0	0	0	0	0	0	2013	
10392	168	300.90	106250.	0	0	0	0	0	1	0	0	0	0	0	0	2013	
10582	168	272.10	87508.	0	0	0	0	0	1	0	0	0	0	0	0	2013	
10759	144	279.00	90632.	0	0	0	0	0	1	0	0	0	0	0	0	2013	Jun
11021	168	190.01	37492	0	0	0	0	0	0	1	0	0	0	0	0	2013	JUL
10718	168	231.46	61236	0	0	0	0	0	0	1	0	0	0	0	0	2013	
10343	168	261.21	83582	0	0	0	0	0	0	1	0	0	0	0	0	2013	

Data Base for DANIEL 2 Target Heat Rate Equation

HtRt	Hr	AMW	LSRF	J	F	M	A	M	J	J	A	S	O	N	NS	YR	
10706	168	222.51	56150	0	0	0	0	0	0	1	0	0	0	0	0	2013	
10721	168	223.99	55636	0	0	0	0	0	0	0	1	0	0	0	0	2013	
10633	168	234.47	61303	0	0	0	0	0	0	0	1	0	0	0	0	2013	
10866	168	191.67	39228	0	0	0	0	0	0	0	1	0	0	0	0	2013	
10775	168	218.18	52066	0	0	0	0	0	0	0	1	0	0	0	0	2013	
10388	168	252.58	72649	0	0	0	0	0	0	0	1	0	0	0	0	2013	
10590	71	250.96	33347	0	0	0	0	0	0	0	0	1	0	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	1	0	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	1	0	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	1	0	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	1	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	1	0	0	2013	
12512	27	182.07	7534	0	0	0	0	0	0	0	0	0	1	0	1	2013	
11444	47	243.40	18225	0	0	0	0	0	0	0	0	0	1	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	1	0	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	1	0	2013	
10995	75	211.85	26660	0	0	0	0	0	0	0	0	0	0	1	1	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	1	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	1	0	2013	
* 0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	2013	
11262	97	266.55	43453	0	0	0	0	0	0	0	0	0	0	0	1	2013	
10705	168	259.64	73530	0	0	0	0	0	0	0	0	0	0	0	0	2013	
10285	168	312.37	108914	0	0	0	0	0	0	0	0	0	0	0	0	2013	
9891	168	378.27	152984	1	0	0	0	0	0	0	0	0	0	0	0	2014	JAN
10513	168	203.80	47268	1	0	0	0	0	0	0	0	0	0	0	0	2014	
10306	168	252.01	73158	1	0	0	0	0	0	0	0	0	0	0	0	2014	
9886	168	372.55	157573	1	0	0	0	0	0	0	0	0	0	0	0	2014	
9401	168	441.87	200970	0	1	0	0	0	0	0	0	0	0	0	0	2014	
9183	67	436.01	86369	0	1	0	0	0	0	0	0	0	0	0	0	2014	
* 0	0	0.00	0	0	1	0	0	0	0	0	0	0	0	0	0	2014	
* 0	0	0.00	0	0	1	0	0	0	0	0	0	0	0	0	0	2014	
* 0	0	0.00	0	0	0	1	0	0	0	0	0	0	0	0	0	2014	
* 0	0	0.00	0	0	0	1	0	0	0	0	0	0	0	0	0	2014	
* 0	0	0.00	0	0	0	1	0	0	0	0	0	0	0	0	0	2014	
* 0	0	0.00	0	0	0	1	0	0	0	0	0	0	0	0	0	2014	
* 0	0	0.00	0	0	0	1	0	0	0	0	0	0	0	0	0	2014	
* 0	0	0.00	0	0	0	0	1	0	0	0	0	0	0	0	0	2014	
* 0	0	0.00	0	0	0	0	1	0	0	0	0	0	0	0	0	2014	
* 0	0	0.00	0	0	0	0	1	0	0	0	0	0	0	0	0	2014	
*12439	34	253.59	28999	0	0	0	1	0	0	0	0	0	0	0	1	2014	
10007	55	291.09	34406	0	0	0	0	1	0	0	0	0	0	0	1	2014	
10653	168	278.36	84033	0	0	0	0	1	0	0	0	0	0	0	0	2014	
10426	168	289.81	89726	0	0	0	0	1	0	0	0	0	0	0	0	2014	
10450	166	291.66	94934	0	0	0	0	1	0	0	0	0	0	0	0	2014	
10577	168	287.35	90988	0	0	0	0	1	0	0	0	0	0	0	0	2014	
9915	168	332.07	119643	0	0	0	0	0	1	0	0	0	0	0	0	2014	
10635	168	310.18	108082	0	0	0	0	0	1	0	0	0	0	0	0	2014	
10633	164	312.87	111418	0	0	0	0	0	1	0	0	0	0	0	0	2014	
10245	144	312.67	111318	0	0	0	0	0	1	0	0	0	0	0	0	2014	JUN

Data Base for DANIEL 2 Target Heat Rate Equation

HtRt	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.
Hr	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.
J to N	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.
YR	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

	HtRt	Hr	AMW	LSRF	J	F	M	A	M	J	J	A	S	O	N	NS	YR
	6945	168	444.44	5048187	0	0	0	0	0	0	1	0	0	0	0	0	2011
	6837	168	498.95	6026769	0	0	0	0	0	0	1	0	0	0	0	0	2011
	6857	168	459.35	5259554	0	0	0	0	0	0	1	0	0	0	0	0	2011
	6811	168	485.48	5750907	0	0	0	0	0	0	1	0	0	0	0	0	2011
	6865	168	492.42	5894218	0	0	0	0	0	0	0	1	0	0	0	0	2011
	7008	168	464.97	5320635	0	0	0	0	0	0	0	1	0	0	0	0	2011
	6918	168	469.74	5427225	0	0	0	0	0	0	0	1	0	0	0	0	2011
	6871	168	490.74	5870318	0	0	0	0	0	0	0	1	0	0	0	0	2011
	6895	168	466.44	5441192	0	0	0	0	0	0	0	1	0	0	0	0	2011
	6926	168	430.11	4742897	0	0	0	0	0	0	0	0	1	0	0	0	2011
	6915	168	437.70	4962962	0	0	0	0	0	0	0	0	1	0	0	0	2011
	6814	168	451.81	5225634	0	0	0	0	0	0	0	0	1	0	0	0	2011
	6769	168	500.43	6067034	0	0	0	0	0	0	0	0	1	0	0	0	2011
	6766	168	475.45	5527666	0	0	0	0	0	0	0	0	0	1	0	0	2011
	6933	168	445.82	5222503	0	0	0	0	0	0	0	0	0	1	0	0	2011
	6758	168	496.99	6070664	0	0	0	0	0	0	0	0	0	1	0	0	2011
	6532	168	506.11	6205182	0	0	0	0	0	0	0	0	0	1	0	0	2011
	6631	168	548.43	7244548	0	0	0	0	0	0	0	0	0	1	0	0	2011
	6850	154	522.89	6159788	0	0	0	0	0	0	0	0	0	0	1	0	2011
	6845	168	499.96	6267007	0	0	0	0	0	0	0	0	0	0	1	0	2011
	6656	168	489.82	5868475	0	0	0	0	0	0	0	0	0	0	1	0	2011
	6713	168	531.07	6829199	0	0	0	0	0	0	0	0	0	0	1	0	2011
	6781	168	544.40	7158707	0	0	0	0	0	0	0	0	0	0	0	0	2011
	6700	71	550.01	3088808	0	0	0	0	0	0	0	0	0	0	0	0	2011
	7516	104	472.93	3543799	0	0	0	0	0	0	0	0	0	0	0	1	2011
	6714	168	505.54	6266301	0	0	0	0	0	0	0	0	0	0	0	0	2011
*	7604	168	465.82	5602499	1	0	0	0	0	0	0	0	0	0	0	0	2012
	6685	168	497.82	6101146	1	0	0	0	0	0	0	0	0	0	0	0	2012
*	6048	168	519.22	6522906	1	0	0	0	0	0	0	0	0	0	0	0	2012
	6793	168	465.99	5305272	1	0	0	0	0	0	0	0	0	0	0	0	2012
	6783	168	499.14	6081033	0	1	0	0	0	0	0	0	0	0	0	0	2012
	6733	168	520.54	6575713	0	1	0	0	0	0	0	0	0	0	0	0	2012
	6671	168	528.52	6771934	0	1	0	0	0	0	0	0	0	0	0	0	2012
	6626	168	519.85	6532882	0	1	0	0	0	0	0	0	0	0	0	0	2012
	7078	168	482.89	5758709	0	0	1	0	0	0	0	0	0	0	0	0	2012
	6784	168	482.71	5758691	0	0	1	0	0	0	0	0	0	0	0	0	2012
	6918	167	491.46	5910600	0	0	1	0	0	0	0	0	0	0	0	0	2012
	6938	164	425.55	4616062	0	0	1	0	0	0	0	0	0	0	0	0	2012
	6715	168	482.56	5726942	0	0	1	0	0	0	0	0	0	0	0	0	2012
	6948	168	449.54	5121395	0	0	0	1	0	0	0	0	0	0	0	0	2012
	6951	168	462.16	5461289	0	0	0	1	0	0	0	0	0	0	0	0	2012
	6986	144	427.06	4062434	0	0	0	1	0	0	0	0	0	0	0	0	2012
	8143	11	241.82	152386	0	0	0	1	0	0	0	0	0	0	0	1	2012
	6939	168	468.46	5543674	0	0	0	0	1	0	0	0	0	0	0	0	2012
	7090	147	390.35	3731842	0	0	0	0	1	0	0	0	0	0	0	0	2012
	6985	168	442.75	5033686	0	0	0	0	1	0	0	0	0	0	0	0	2012
	6956	168	406.09	4467339	0	0	0	0	1	0	0	0	0	0	0	0	2012
	6860	168	418.54	4637114	0	0	0	0	1	0	0	0	0	0	0	0	2012
	7026	168	398.32	4287367	0	0	0	0	0	1	0	0	0	0	0	0	2012
	7029	168	437.01	4982789	0	0	0	0	0	1	0	0	0	0	0	0	2012
	6979	168	453.07	5281488	0	0	0	0	0	1	0	0	0	0	0	0	2012
	6792	168	453.75	5315887	0	0	0	0	0	1	0	0	0	0	0	0	2012
	6999	168	461.48	5388468	0	0	0	0	0	0	1	0	0	0	0	0	2012

Data Base for SMITH 3 Target Heat Rate Equation

HtRt	Hr	AMW	LSRF	J	F	M	A	M	J	J	A	S	O	N	NS	YR	
6958	168	454.48	5257919	0	0	0	0	0	0	1	0	0	0	0	0	2012	
7015	166	400.96	4274036	0	0	0	0	0	0	1	0	0	0	0	0	2012	
7550	160	414.48	4483062	0	0	0	0	0	0	1	0	0	0	0	0	2012	
6925	168	438.30	4884696	0	0	0	0	0	0	0	1	0	0	0	0	2012	
7073	162	436.93	4860974	0	0	0	0	0	0	0	1	0	0	0	0	2012	
6951	168	450.84	5222579	0	0	0	0	0	0	0	1	0	0	0	0	2012	
6894	168	399.58	4342649	0	0	0	0	0	0	0	1	0	0	0	0	2012	
6721	168	474.36	5691842	0	0	0	0	0	0	0	1	0	0	0	0	2012	
6956	168	490.93	5888894	0	0	0	0	0	0	0	0	1	0	0	0	2012	
6974	168	397.38	4266039	0	0	0	0	0	0	0	0	1	0	0	0	2012	
6868	168	415.70	4594784	0	0	0	0	0	0	0	0	1	0	0	0	2012	
6675	168	398.61	4331498	0	0	0	0	0	0	0	0	1	0	0	0	2012	
6929	168	430.39	4872628	0	0	0	0	0	0	0	0	0	1	0	0	2012	
6975	166	368.20	3686142	0	0	0	0	0	0	0	0	0	1	0	0	2012	
6972	168	380.85	3933243	0	0	0	0	0	0	0	0	0	1	0	0	2012	
6876	168	373.11	3833994	0	0	0	0	0	0	0	0	0	1	0	0	2012	
6867	168	438.88	4911687	0	0	0	0	0	0	0	0	0	1	0	0	2012	
6865	169	524.55	6806213	0	0	0	0	0	0	0	0	0	0	1	0	2012	
* 3927	95	478.92	3287708	0	0	0	0	0	0	0	0	0	0	1	0	2012	
* 6012	143	444.57	4318381	0	0	0	0	0	0	0	0	0	0	1	1	2012	
6920	168	525.60	6781653	0	0	0	0	0	0	0	0	0	0	1	0	2012	
6908	168	452.67	5172495	0	0	0	0	0	0	0	0	0	0	0	0	2012	
* 4808	88	484.20	3207702	0	0	0	0	0	0	0	0	0	0	0	1	2012	
6828	166	482.33	5786938	0	0	0	0	0	0	0	0	0	0	0	0	2012	
7037	168	463.96	5471478	0	0	0	0	0	0	0	0	0	0	0	0	2012	
6835	168	475.91	5667167	1	0	0	0	0	0	0	0	0	0	0	0	2013	
6909	168	409.08	4362094	1	0	0	0	0	0	0	0	0	0	0	0	2013	
6884	168	482.70	5752735	1	0	0	0	0	0	0	0	0	0	0	0	2013	
6794	168	432.89	4727002	1	0	0	0	0	0	0	0	0	0	0	0	2013	
6881	168	430.72	4841022	0	1	0	0	0	0	0	0	0	0	0	0	2013	
6917	168	451.61	5002365	0	1	0	0	0	0	0	0	0	0	0	0	2013	
6887	168	509.44	6368007	0	1	0	0	0	0	0	0	0	0	0	0	2013	
6802	160	444.98	4689971	0	1	0	0	0	0	0	0	0	0	0	0	2013	
6816	168	483.80	5729668	0	0	1	0	0	0	0	0	0	0	0	0	2013	
6920	167	446.29	4988275	0	0	1	0	0	0	0	0	0	0	0	0	2013	
6980	168	407.58	4376709	0	0	1	0	0	0	0	0	0	0	0	0	2013	
* 2950	71	465.66	2310669	0	0	1	0	0	0	0	0	0	0	0	0	2013	
*12591	125	306.89	1995382	0	0	0	1	0	0	0	0	0	0	0	1	2013	
6840	168	452.42	5184928	0	0	0	1	0	0	0	0	0	0	0	0	2013	
6996	168	452.34	5327757	0	0	0	1	0	0	0	0	0	0	0	0	2013	
7039	135	372.16	3086094	0	0	0	0	1	0	0	0	0	0	0	1	2013	
6785	168	398.89	4302152	0	0	0	0	1	0	0	0	0	0	0	0	2013	
7763	168	393.76	4244322	0	0	0	0	1	0	0	0	0	0	0	0	2013	
6864	168	404.90	4475529	0	0	0	0	1	0	0	0	0	0	0	0	2013	
7669	160	366.57	3813752	0	0	0	0	1	0	0	0	0	0	0	0	2013	
6909	168	413.53	4434528	0	0	0	0	0	1	0	0	0	0	0	0	2013	
* 6883	168	266.39	1871261	0	0	0	0	0	1	0	0	0	0	0	0	2013	
6860	168	414.05	4575812	0	0	0	0	0	1	0	0	0	0	0	0	2013	
6817	144	437.62	5010249	0	0	0	0	0	1	0	0	0	0	0	0	2013	
6947	168	397.28	175915	0	0	0	0	0	0	1	0	0	0	0	0	2013	JUL
6923	168	418.33	191927	0	0	0	0	0	0	1	0	0	0	0	0	2013	
6898	168	433.57	201184	0	0	0	0	0	0	1	0	0	0	0	0	2013	
6813	168	410.62	186512	0	0	0	0	0	0	1	0	0	0	0	0	2013	

Data Base for SMITH 3 Target Heat Rate Equation

	HtRt	Hr	AMW	LSRF	J	F	M	A	M	J	J	A	S	O	N	NS	YR	
	6817	168	454.03	216014	0	0	0	0	0	0	0	1	0	0	0	0	2013	
	6901	168	472.54	228175	0	0	0	0	0	0	0	1	0	0	0	0	2013	
	6836	168	420.30	184886	0	0	0	0	0	0	0	1	0	0	0	0	2013	
	6696	168	426.46	194176	0	0	0	0	0	0	0	1	0	0	0	0	2013	
	6804	168	446.96	212058	0	0	0	0	0	0	0	1	0	0	0	0	2013	
	6983	168	427.85	198541	0	0	0	0	0	0	0	0	1	0	0	0	2013	
	6862	168	462.03	224465	0	0	0	0	0	0	0	0	1	0	0	0	2013	
	6858	156	442.24	203552	0	0	0	0	0	0	0	0	1	0	0	0	2013	
	6700	168	469.39	225576	0	0	0	0	0	0	0	0	1	0	0	0	2013	
	6845	168	492.42	246869	0	0	0	0	0	0	0	0	0	1	0	0	2013	
	6895	168	499.82	252432	0	0	0	0	0	0	0	0	0	1	0	0	2013	
	6921	168	485.70	243549	0	0	0	0	0	0	0	0	0	1	0	0	2013	
	6743	165	500.28	258192	0	0	0	0	0	0	0	0	0	1	0	0	2013	
	6669	142	388.47	144315	0	0	0	0	0	0	0	0	0	1	0	1	2013	
	6818	168	471.30	225705	0	0	0	0	0	0	0	0	0	0	1	0	2013	
	6820	168	464.98	220893	0	0	0	0	0	0	0	0	0	0	1	0	2013	
	6851	168	461.58	217468	0	0	0	0	0	0	0	0	0	0	1	0	2013	
	7002	107	498.46	180479	0	0	0	0	0	0	0	0	0	0	1	0	2013	
*	0	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0	0	2013	
	6880	157	450.15	210297	0	0	0	0	0	0	0	0	0	0	0	1	2013	
	6852	168	388.19	170191	0	0	0	0	0	0	0	0	0	0	0	0	2013	
	6935	168	433.58	195022	0	0	0	0	0	0	0	0	0	0	0	0	2013	
	6885	168	473.51	242603	1	0	0	0	0	0	0	0	0	0	0	0	2014	JAN
	6931	168	431.93	194851	1	0	0	0	0	0	0	0	0	0	0	0	2014	
	6952	168	353.20	137833	1	0	0	0	0	0	0	0	0	0	0	0	2014	
	6979	168	391.46	170984	1	0	0	0	0	0	0	0	0	0	0	0	2014	
	6981	168	337.20	131136	0	1	0	0	0	0	0	0	0	0	0	0	2014	
	7023	168	403.01	167236	0	1	0	0	0	0	0	0	0	0	0	0	2014	
	7081	168	374.50	146684	0	1	0	0	0	0	0	0	0	0	0	0	2014	
	7229	168	339.17	120133	0	1	0	0	0	0	0	0	0	0	0	0	2014	
	6637	168	406.18	182523	0	0	1	0	0	0	0	0	0	0	0	0	2014	
	6946	167	427.23	191231	0	0	1	0	0	0	0	0	0	0	0	0	2014	
	6910	168	380.68	162009	0	0	1	0	0	0	0	0	0	0	0	0	2014	
	6850	161	434.94	198904	0	0	1	0	0	0	0	0	0	0	0	0	2014	
	6928	168	425.10	191252	0	0	1	0	0	0	0	0	0	0	0	0	2014	
	6961	168	393.92	174512	0	0	0	1	0	0	0	0	0	0	0	0	2014	
	6879	168	436.68	205989	0	0	0	1	0	0	0	0	0	0	0	0	2014	
	6864	120	437.47	147299	0	0	0	1	0	0	0	0	0	0	0	0	2014	
*	8210	17	162.71	5074	0	0	0	1	0	0	0	0	0	0	0	1	2014	
	6944	168	358.35	143701	0	0	0	0	1	0	0	0	0	0	0	0	2014	
	7003	168	354.30	148001	0	0	0	0	1	0	0	0	0	0	0	0	2014	
	6906	168	372.07	154350	0	0	0	0	1	0	0	0	0	0	0	0	2014	
	6882	168	429.35	202266	0	0	0	0	1	0	0	0	0	0	0	0	2014	
	6916	156	397.46	181763	0	0	0	0	1	0	0	0	0	0	0	0	2014	
	6959	168	439.10	208202	0	0	0	0	0	1	0	0	0	0	0	0	2014	JUN
	6940	168	406.61	183552	0	0	0	0	0	1	0	0	0	0	0	0	2014	
*	7923	168	415.14	193483	0	0	0	0	0	1	0	0	0	0	0	0	2014	
*	5768	144	419.26	195248	0	0	0	0	0	1	0	0	0	0	0	0	2014	

Data Base for SMITH 3 Target Heat Rate Equation

HtRt 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.

Hr 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.

J to N 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.

YR 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 2015 - December 2015

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 '15	124.8	17,296	12,828	22,845	
	Feb '15	116.1	16,103	13,575	1,510	
	Mar '15	125.0	17,326	13,201	28,245	
	Apr '15	0.0	0	-	0	
	May '15	0.0	0	-	0	
	Jun '15	0.0	0	-	0	
	Jul '15	124.7	17,280	12,029	36,026	
	Aug '15	0.0	0	-	0	
	Sep '15	0.0	0	-	0	
	Oct '15	0.0	0	-	0	
	Nov '15	0.0	0	-	0	
	Dec '15	124.7	17,280	12,029	17,950	12,533
CRIST 7	Jan '15	259.8	67,446	10,947	145,730	
	Feb '15	259.0	66,897	10,951	169,991	
	Mar '15	254.4	63,746	10,680	127,178	
	Apr '15	255.0	64,156	11,274	173,361	
	May '15	0.0	0	-	0	
	Jun '15	292.4	89,977	10,821	89,477	
	Jul '15	325.1	112,906	10,723	159,298	
	Aug '15	319.4	108,886	10,739	167,341	
	Sep '15	280.3	81,576	10,864	43,730	
	Oct '15	0.0	0	-	0	
	Nov '15	0.0	0	-	0	
	Dec '15	272.1	75,909	10,896	44,630	10,890

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 2015 - December 2015

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
DANIEL 1	Jan '15	388.2	154,604	10,150	42,343	
	Feb '15	0.0	0	-	0	
	Mar '15	0.0	0	-	0	
	Apr '15	325.9	116,968	10,316	192,664	
	May '15	317.0	111,452	10,595	214,511	
	Jun '15	337.0	123,798	10,282	234,176	
	Jul '15	355.4	135,001	10,230	257,501	
	Aug '15	357.7	136,391	10,224	257,166	
	Sep '15	333.4	121,589	10,293	232,000	
	Oct '15	291.3	95,331	10,911	67,532	
	Nov '15	290.7	94,951	10,749	84,222	
	Dec '15	240.6	62,679	10,684	25,718	10,366
DANIEL 2	Jan '15	356.5	136,375	9,880	43,452	
	Feb '15	337.1	124,930	9,400	209,013	
	Mar '15	374.7	146,876	10,268	138,353	
	Apr '15	335.2	123,795	10,222	233,572	
	May '15	322.6	116,207	10,273	233,835	
	Jun '15	347.4	131,039	10,177	243,665	
	Jul '15	359.7	138,238	10,135	260,677	
	Aug '15	361.4	139,225	10,129	261,933	
	Sep '15	343.8	128,912	10,190	238,506	
	Oct '15	296.1	99,890	10,917	214,061	
	Nov '15	295.0	99,202	10,398	108,800	
	Dec '15	226.0	54,392	10,843	14,038	10,196
SMITH 3	Jan '15	455.2	3,670,978	6,886	281,293	
	Feb '15	466.7	3,997,158	6,869	310,472	
	Mar '15	463.1	3,893,754	6,874	340,619	
	Apr '15	474.3	4,219,335	6,858	270,833	
	May '15	470.5	4,107,589	6,864	313,321	
	Jun '15	463.4	3,902,326	6,874	330,337	
	Jul '15	489.5	4,679,480	6,838	360,553	
	Aug '15	486.7	4,593,134	6,841	358,544	
	Sep '15	465.4	3,959,682	6,871	331,724	
	Oct '15	471.5	4,136,868	6,790	347,312	
	Nov '15	489.0	4,664,009	6,838	244,476	
	Dec '15	496.9	4,911,118	6,828	365,956	6,852

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

Summary of Target, Maximum, and Minimum
Average Net Operating Heat Rates
for January 2015 - December 2015

Unit	Target Heat Rate BTU/KWH (0 Points)	Minimum Attainable Heat Rate (+ 10 Points)	Maximum Attainable Heat Rate (- 10 Points)
CRIST 6	12,533	12,157	12,909
CRIST 7	10,890	10,563	11,217
DANIEL 1	10,366	10,055	10,677
DANIEL 2	10,196	9,890	10,502
SMITH 3	6,852	6,646	7,058

II. DETERMINATION OF EQUIVALENT AVAILABILITY TARGETS

Calculation of
Target Equivalent Availabilities
for January 2015 - December 2015

Unit	5 Year Historical Average of Equivalent Unplanned Outage Rate, EUOR *	Planned Outage Hours for Jan '15 - Dec '15	Reserve Shutdown Hours for Jan '15 - Dec '15	Target Equivalent Availability **
Crist 6	0.0828	1,560	6,248	81.1
Crist 7	0.0594	168	4,290	94.9
Daniel 1	0.1263	1,704	1,582	73.3
Daniel 2	0.0916	432	1,238	88.7
Smith 3	0.0250	432	0	92.7

* For Period July 2009 through June 2014.

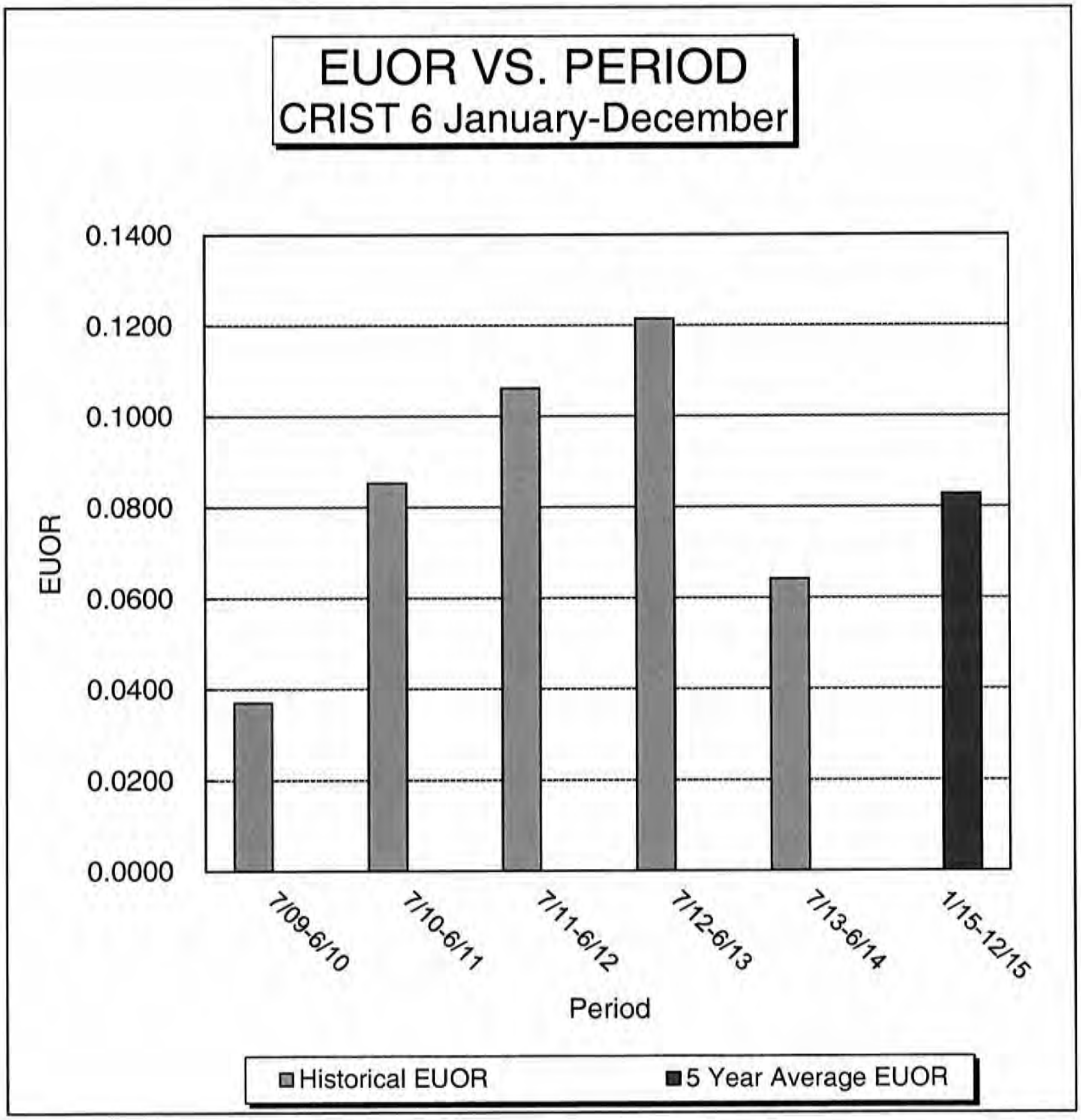
** EA = [1 - (POH + EUOR * (PH - POH - RSH)) / PH] * 100

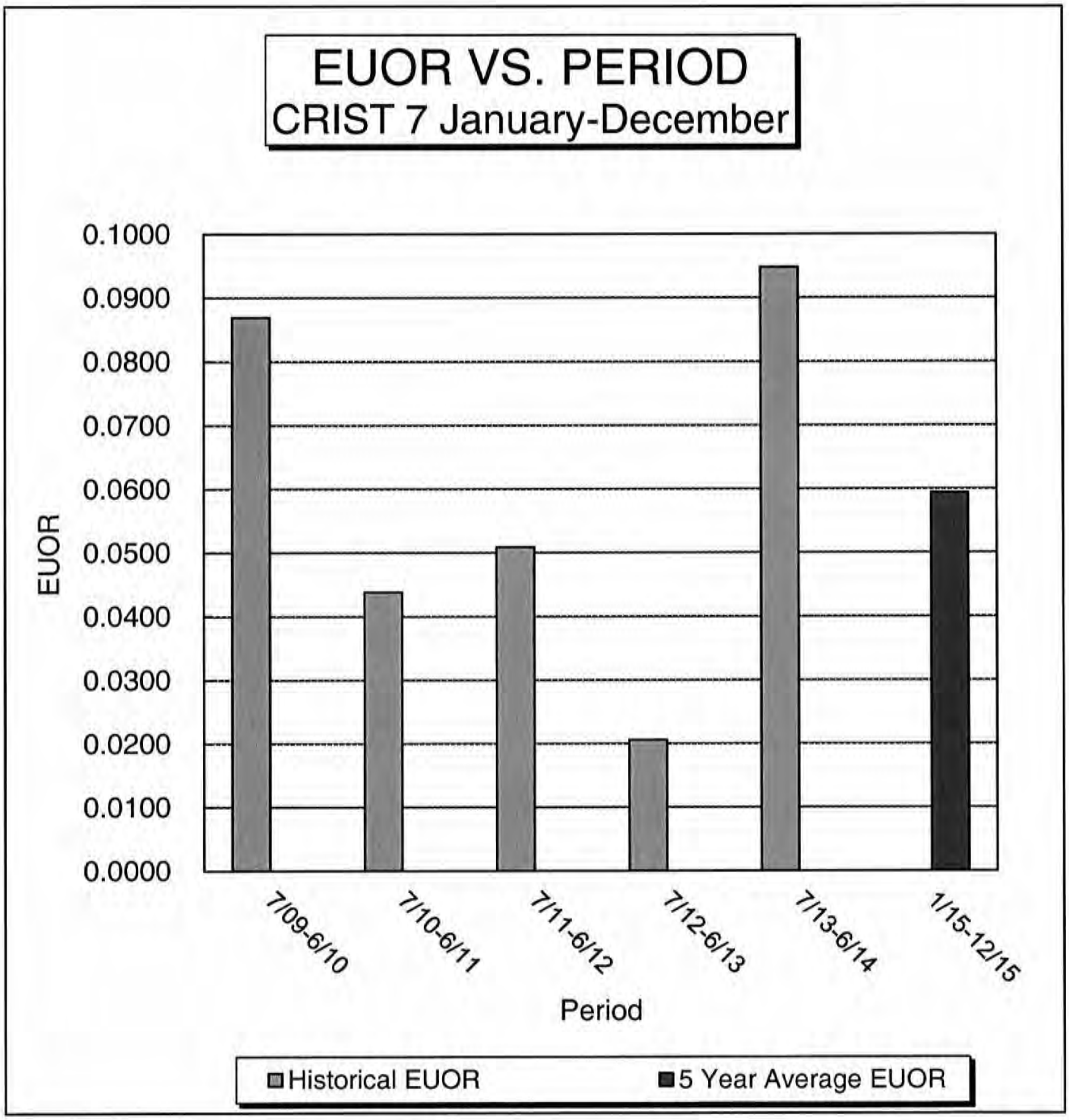
Calculation of Maximum and Minimum
Attainable Equivalent Availabilities
for January 2015 - December 2015

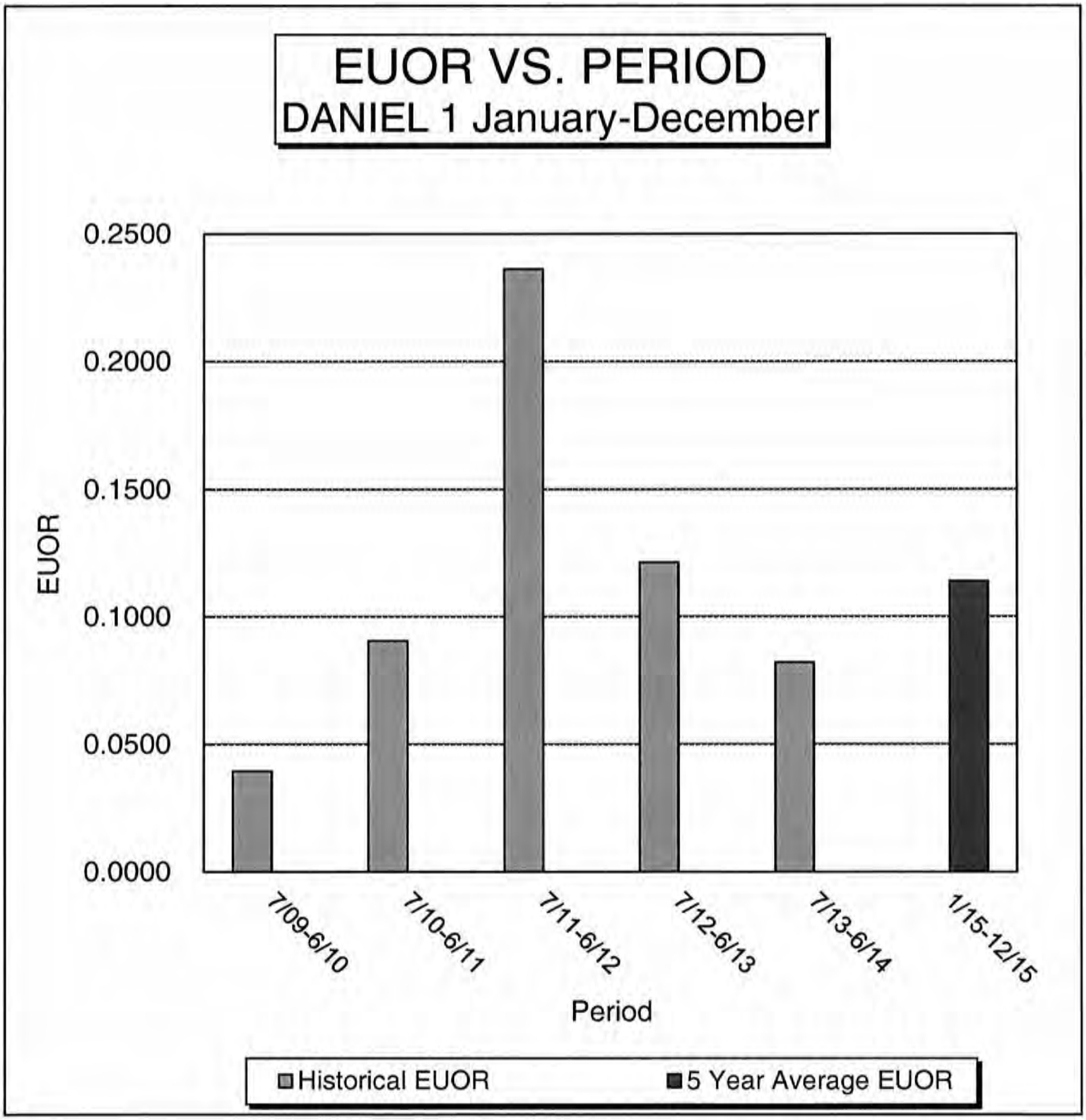
Unit	5 Year Historical Average of Equivalent Unplanned Outage Rate, EUOR (TARGET EUOR)	Minimum Attainable EUOR 70% of Target EUOR	Maximum Attainable Equivalent Availability	Maximum Attainable EUOR 145% of Target EUOR	Minimum Attainable Equivalent Availability
Crist 6	0.0828	0.0580	81.6	0.1201	80.9
Crist 7	0.0594	0.0416	96.0	0.0861	93.9
Daniel 1	0.1263	0.0884	75.0	0.1831	69.1
Daniel 2	0.0916	0.0641	89.9	0.1328	84.3
Smith 3	0.0250	0.0175	93.4	0.0363	91.6

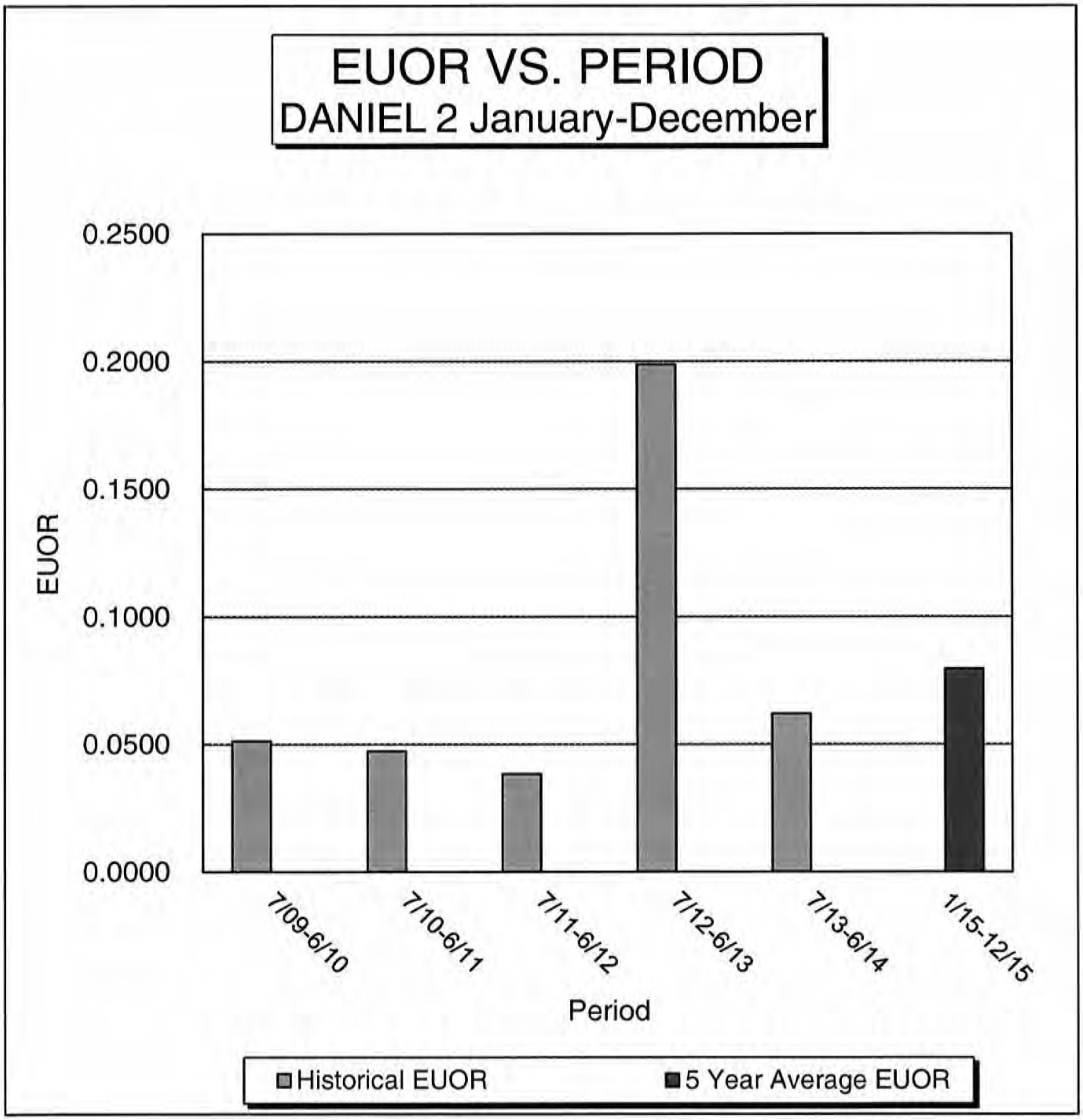
Summary of Target, Maximum, and Minimum
Equivalent Availabilities
for January 2015 - December 2015

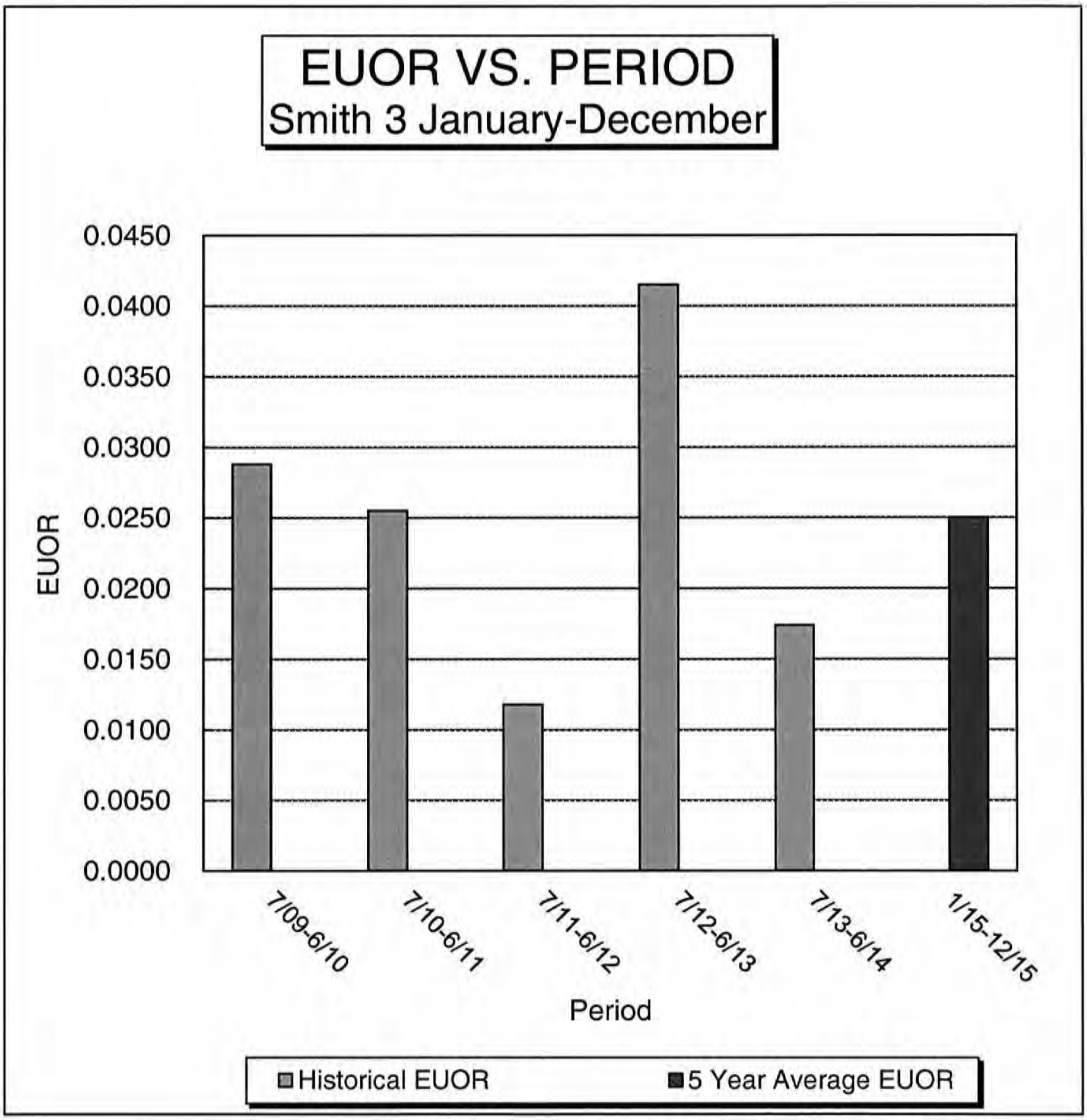
Unit	Target Equivalent Availability (0 Points)	Maximum Attainable Equivalent Availability (+10 Points)	Minimum Attainable Equivalent Availability (-10 Points)
Crist 6	81.1	81.6	80.9
Crist 7	94.9	96.0	93.9
Daniel 1	73.3	75.0	69.1
Daniel 2	88.7	89.9	84.3
Smith 3	92.7	93.4	91.6


EUOR VS. PERIOD
CRIST 6 January-December
0.1400
0.1200
0.1000
0.0800
0.0600
0.0400
0.0200
0.0000
EUOR
7/09-6/10
7/10-6/11
7/11-6/12
7/12-6/13
7/13-6/14
1/15-12/15
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
7/09-6/10
7/10-6/11
7/11-6/12
7/12-6/13
7/13-6/14
1/15-12/15
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
7/09-6/10
7/10-6/11
7/11-6/12
7/12-6/13
7/13-6/14
1/15-12/15
Period
Historical EUOR
5 Year Average EUOR


EUOR VS. PERIOD
DANIEL 2 January-December
0.2500
0.2000
0.1500
0.1000
0.0500
0.0000
EUOR
7/09-6/10
7/10-6/11
7/11-6/12
7/12-6/13
7/13-6/14
1/15-12/15
Period
Historical EUOR
5 Year Average EUOR


EUOR VS. PERIOD
Smith 3 January-December
0.0450
0.0400
0.0350
0.0300
0.0250
0.0200
0.0150
0.0100
0.0050
0.0000
EUOR
7/09-6/10
7/10-6/11
7/11-6/12
7/12-6/13
7/13-6/14
1/15-12/15
Period
Historical EUOR
5 Year Average EUOR

III. GPIF MINIMUM FILING REQUIREMENTS FOR THE PERIOD JANUARY 2015 - DECEMBER 2015

CONTENTS	SCHEDULE 3 PAGE

Generating Performance Incentive Factor

Estimated Reward/Penalty Table

Gulf Power Company

Period of: January 2015 - December 2015

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	7032	5314
+ 9	6329	4783
+ 8	5626	4251
+ 7	4922	3720
+ 6	4219	3188
+ 5	3516	2657
+ 4	2813	2126
+ 3	2110	1594
+ 2	1406	1063
+ 1	703	531
0	0	0
- 1	-706	-531
- 2	-1412	-1063
- 3	-2119	-1594
- 4	-2825	-2126
- 5	-3531	-2657
- 6	-4237	-3188
- 7	-4943	-3720
- 8	-5650	-4251
- 9	-6356	-4783
- 10	-7062	-5314
	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 2015 - December 2015

Line 1	Beginning of Period Balance of Common Equity	$1,334,147,631
	End of Month Balance of Common Equity:	
Line 2	Month of Jan '15	$1,325,602,296
Line 3	Month of Feb '15	$1,334,625,838
Line 4	Month of Mar '15	$1,345,194,525
Line 5	Month of Apr '15	$1,319,259,960
Line 6	Month of May '15	$1,331,530,889
Line 7	Month of Jun '15	$1,348,927,593
Line 8	Month of Jul '15	$1,334,993,412
Line 9	Month of Aug '15	$1,353,392,009
Line 10	Month of Sep '15	$1,368,452,020
Line 11	Month of Oct '15	$1,343,705,430
Line 12	Month of Nov '15	$1,350,066,522
Line 13	Month of Dec '15	$1,362,843,508
Line 14	Average Common Equity for the Period (sum of line 1 through line 13 divided by 13)	$1,342,518,587
Line 15	25 Basis Points	0.0025
Line 16	Revenue Expansion Factor	61.2006%
Line 17	Maximum Allowed Incentive Dollars (line 14 multiplied by line 15 divided by line 16 multiplied by 1.0)	$5,484,091
Line 18	Jurisdictional Sales (KWH)	11,062,622,534
Line 19	Total Territorial Sales (KWH)	11,416,754,984
Line 20	Jurisdictional Separation Factor (line 18 divided by line 19)	96.8981%
Line 21	Maximum Allowed Jurisdictional Incentive Dollars (line 17 multiplied by line 20)	$5,313,982

Issued by: S. W. Connally, Jr.

GPIF Unit Performance Summary

Gulf Power Company

Period of: January 2015 - December 2015

Plant & Unit	Weighting Factor %	EAF Target %	EAF Range Max %	EAF Range Min %	Max Fuel Savings ($000)	Max Fuel Loss ($000)
Crist 6	0.0%	81.1	81.6	80.9	$0	$0
Crist 7	0.0%	94.9	96.0	93.9	$0	$0
Daniel 1	0.6%	73.3	75.0	69.1	$45	($96)
Daniel 2	0.5%	88.7	89.9	84.3	$38	($68)
Smith 3	1.9%	92.7	93.4	91.6	$137	($86)

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	2.1%	12,533	41.7	12,157	12,909	$150	($150)
Crist 7	18.2%	10,890	58.4	10,563	11,217	$1,280	($1,280)
Daniel 1	10.1%	10,366	65.1	10,055	10,677	$708	($708)
Daniel 2	13.5%	10,196	66.0	9,890	10,502	$946	($946)
Smith 3	53.0%	6,852	83.9	6,646	7,058	$3,728	($3,728)

Issued by: S. W. Connally, Jr.

Comparison of GPIF Targets vs. Actual Performance of Prior Periods

Availability

Gulf Power Company

Period of: January 2015 - December 2015

Plant & Unit	Target Weighting Factor	Normalized Weighting Factor	Target POF	Target EUOF	Target EUOR	Actual Performance 1st Prior Period Jul '013 - Jun '014 POF	EUOF	EUOR	Actual Performance 2nd Prior Period Jul '012 - Jun '013 POF	EUOF	EUOR
Crist 6	0.0%	0.0%	0.1781	0.0111	0.0828	0.0603	0.0354	0.0641	0.0000	0.0605	0.1214
Crist 7	0.0%	0.0%	0.0192	0.0317	0.0594	0.0000	0.0927	0.0948	0.2632	0.0133	0.0206
Daniel 1	0.6%	20.5%	0.1945	0.0727	0.1263	0.0482	0.0519	0.0820	0.0000	0.0553	0.1213
Daniel 2	0.5%	17.3%	0.0493	0.0640	0.0916	0.2175	0.0338	0.0620	0.1514	0.0681	0.1988
Smith 3	1.9%	62.3%	0.0493	0.0232	0.0250	0.0447	0.0165	0.0174	0.0654	0.0386	0.0415
Weighted GPIF System Average:			0.0790	0.0404	0.0572	0.0753	0.0267	0.0383	0.0669	0.0471	0.0850

Issued by: S. W. Connally, Jr.

Comparison of GPIF Targets vs. Actual Performance of Prior Periods

Availability

Gulf Power Company

Period of: January 2015 - December 2015

Plant & Unit	Target Weighting Factor	Normalized Weighting Factor	Actual Performance 3rd Prior Period Jul '011 - Jun '012			Actual Performance 4th Prior Period Jul '010 - Jun '011			Actual Performance 5th Prior Period Jul '09 - Jun '010		
			POF	EUOF	EUOR	POF	EUOF	EUOR	POF	EUOF	EUOR
Crist 6	0.0%	0.0%	0.2197	0.0661	0.1061	0.2576	0.0495	0.0853	0.0626	0.0254	0.0370
Crist 7	0.0%	0.0%	0.0000	0.0470	0.0509	0.0867	0.0398	0.0438	0.1773	0.0715	0.0869
Daniel 1	0.6%	20.5%	0.1378	0.0872	0.2362	0.0000	0.0895	0.0905	0.1500	0.0312	0.0395
Daniel 2	0.5%	17.3%	0.2123	0.0201	0.0384	0.1655	0.0340	0.0473	0.0449	0.0485	0.0513
Smith 3	1.9%	62.3%	0.0390	0.0113	0.0118	0.0460	0.0240	0.0255	0.1999	0.0212	0.0288
Weighted GPIF System Average:			0.0891	0.0283	0.0623	0.0572	0.0391	0.0426	0.1629	0.0280	0.0349

Issued by: S. W. Connally, Jr.

Comparison of GPIF Targets vs. Actual Performance of Prior Periods

Average Net Operating Heat Rate

Gulf Power Company

Period of: January 2015 - December 2015

Plant & Unit	Target Weighting Factor	Normalized Weighting Factor	Heat Rate Target	1st Prior Period Heat Rate Jul '013 - Jun '014	2nd Prior Period Heat Rate Jul '012 - Jun '013	3rd Prior Period Heat Rate Jul '011 - Jun '012
Crist 6	2.1%	2.2%	12,533	12,427	12,474	12,723
Crist 7	18.2%	18.8%	10,890	10,649	10,937	11,181
Daniel 1	10.1%	10.4%	10,366	10,455	10,506	10,402
Daniel 2	13.5%	13.9%	10,196	10,374	10,306	10,155
Smith 3	53.0%	54.7%	6,852	6,807	6,833	6,834
Weighted GPIF System Average:			8,565	8,527	8,592	8,613

Issued by: S. W. Connally, Jr.

Example Calculation of Prior Season

Average Net Operating Heat Rate

Adjusted to Target Basis

Crist 6 Jul '012 - Jun '013

	Jul Jan	Aug Feb	Sep Mar	Oct Apr	Nov May	Dec Jun	
1. Target Heat Rate*	12029.0 12828.0	- 13575.0	- 13201.0	- -	- -	12029.0 -	
2. Target Heat Rate at Actual Conditions**	10559.0 0.0	10921.0 0.0	10672.0 0.0	10869.0 11360.0	10926.0 0.0	10626.0 10910.0	
3. Adjustments to Actual Heat Rate (1-2)	1470.0 12828.0	0.0 13575.0	0.0 13201.0	0.0 0.0	0.0 0.0	1403.0 0.0	
4. Actual Heat Rate for Prior Period	10460.0 0.0	11577.0 0.0	10755.0 0.0	10798.0 11257.0	10822.0 0.0	10476.0 11427.0	
5. Adjusted actual Heat Rate (4+3)	11930.0 12828.0	11577.0 13575.0	10755.0 13201.0	10798.0 11257.0	10822.0 0.0	11879.0 11427.0	
6. Forecast Net MWH Generation*	36026.1 22844.8	0.0 1509.8	0.0 28245.1	0.0 0.0	0.0 0.0	17950.3 0.0	
7. Adjusted Actual Heat Rate for Jul '012 - Jun '013 $= (\Sigma ((5) * (6))) / (\Sigma (6))$							12,474

* For the January 2015 - December 2015 time period.

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

Issued by: S. W. Connally, Jr.

Derivation of Weighting Factors

Gulf Power Company

Period of: January 2015 - December 2015

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-3	$450,749	$450,749	$0	0.0%
Crist 6	ANOHR-3	$450,749	$450,599	$150	2.1%
Crist 7	EA-4	$450,749	$450,749	$0	0.0%
Crist 7	ANOHR-4	$450,749	$449,469	$1,280	18.2%
Daniel 1	EA-5	$450,749	$450,704	$45	0.6%
Daniel 1	ANOHR-5	$450,749	$450,041	$708	10.1%
Daniel 2	EA-6	$450,749	$450,711	$38	0.5%
Daniel 2	ANOHR-6	$450,749	$449,803	$946	13.5%
Smith 3	EA-7	$450,749	$450,612	$137	1.9%
Smith 3	ANOHR-7	$450,749	$447,021	$3,728	53.0%

(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.

Issued by: S. W. Connally, Jr.

Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2015 - December 2015

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	0	81.60	+ 10	150	12,157
+ 9	0	81.57	+ 9	135	12,187
+ 8	0	81.54	+ 8	120	12,217
+ 7	0	81.51	+ 7	105	12,247
+ 6	0	81.48	+ 6	90	12,277
+ 5	0	81.45	+ 5	75	12,308
+ 4	0	81.42	+ 4	60	12,338
+ 3	0	81.39	+ 3	45	12,368
+ 2	0	81.36	+ 2	30	12,398
+ 1	0	81.33	+ 1	15	12,428
				0	12,458
0	0	81.30	0	0	12,533
				0	12,608
- 1	0	81.26	- 1	(15)	12,638
- 2	0	81.22	- 2	(30)	12,668
- 3	0	81.18	- 3	(45)	12,698
- 4	0	81.14	- 4	(60)	12,728
- 5	0	81.10	- 5	(75)	12,759
- 6	0	81.06	- 6	(90)	12,789
- 7	0	81.02	- 7	(105)	12,819
- 8	0	80.98	- 8	(120)	12,849
- 9	0	80.94	- 9	(135)	12,879
- 10	0	80.90	- 10	(150)	12,909

Weighting Factor: 0.000 Weighting Factor: 0.021

Issued by: S. W. Connally, Jr.

Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2015 - December 2015

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	0	96.00	+ 10	1,280	10,563
+ 9	0	95.92	+ 9	1,152	10,588
+ 8	0	95.84	+ 8	1,024	10,613
+ 7	0	95.76	+ 7	896	10,639
+ 6	0	95.68	+ 6	768	10,664
+ 5	0	95.60	+ 5	640	10,689
+ 4	0	95.52	+ 4	512	10,714
+ 3	0	95.44	+ 3	384	10,739
+ 2	0	95.36	+ 2	256	10,765
+ 1	0	95.28	+ 1	128	10,790
				0	10,815
0	0	95.20	0	0	10,890
				0	10,965
- 1	0	95.07	- 1	(128)	10,990
- 2	0	94.94	- 2	(256)	11,015
- 3	0	94.81	- 3	(384)	11,041
- 4	0	94.68	- 4	(512)	11,066
- 5	0	94.55	- 5	(640)	11,091
- 6	0	94.42	- 6	(768)	11,116
- 7	0	94.29	- 7	(896)	11,141
- 8	0	94.16	- 8	(1,024)	11,167
- 9	0	94.03	- 9	(1,152)	11,192
- 10	0	93.90	- 10	(1,280)	11,217

Weighting Factor: 0.000 Weighting Factor: 0.182

Issued by: S. W. Connally, Jr.

Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2015 - December 2015

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	45	75.00	+ 10	708	10,055
+ 9	41	74.77	+ 9	637	10,079
+ 8	36	74.54	+ 8	566	10,102
+ 7	32	74.31	+ 7	496	10,126
+ 6	27	74.08	+ 6	425	10,149
+ 5	23	73.85	+ 5	354	10,173
+ 4	18	73.62	+ 4	283	10,197
+ 3	14	73.39	+ 3	212	10,220
+ 2	9	73.16	+ 2	142	10,244
+ 1	5	72.93	+ 1	71	10,267
				0	10,291
0	0	72.70	0	0	10,366
				0	10,441
- 1	(10)	72.34	- 1	(71)	10,465
- 2	(19)	71.98	- 2	(142)	10,488
- 3	(29)	71.62	- 3	(212)	10,512
- 4	(38)	71.26	- 4	(283)	10,535
- 5	(48)	70.90	- 5	(354)	10,559
- 6	(58)	70.54	- 6	(425)	10,583
- 7	(67)	70.18	- 7	(496)	10,606
- 8	(77)	69.82	- 8	(566)	10,630
- 9	(86)	69.46	- 9	(637)	10,653
- 10	(96)	69.10	- 10	(708)	10,677

Weighting Factor: 0.006 Weighting Factor: 0.101

Issued by: S. W. Connally, Jr.

Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2015 - December 2015

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	38	89.90	+ 10	946	9,890
+ 9	34	89.68	+ 9	851	9,913
+ 8	30	89.46	+ 8	757	9,936
+ 7	27	89.24	+ 7	662	9,959
+ 6	23	89.02	+ 6	568	9,982
+ 5	19	88.80	+ 5	473	10,006
+ 4	15	88.58	+ 4	378	10,029
+ 3	11	88.36	+ 3	284	10,052
+ 2	8	88.14	+ 2	189	10,075
+ 1	4	87.92	+ 1	95	10,098
				0	10,121
0	0	87.70	0	0	10,196
				0	10,271
- 1	(7)	87.36	- 1	(95)	10,294
- 2	(14)	87.02	- 2	(189)	10,317
- 3	(20)	86.68	- 3	(284)	10,340
- 4	(27)	86.34	- 4	(378)	10,363
- 5	(34)	86.00	- 5	(473)	10,387
- 6	(41)	85.66	- 6	(568)	10,410
- 7	(48)	85.32	- 7	(662)	10,433
- 8	(54)	84.98	- 8	(757)	10,456
- 9	(61)	84.64	- 9	(851)	10,479
- 10	(68)	84.30	- 10	(946)	10,502
	Weighting Factor:	0.005		Weighting Factor:	0.135

Issued by: S. W. Connally, Jr.

Generating Performance Incentive Points Table

Gulf Power Company

Period of: January 2015 - December 2015

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	137	93.40	+ 10	3,728	6,646
+ 9	123	93.33	+ 9	3,355	6,659
+ 8	110	93.26	+ 8	2,982	6,672
+ 7	96	93.19	+ 7	2,610	6,685
+ 6	82	93.12	+ 6	2,237	6,698
+ 5	69	93.05	+ 5	1,864	6,712
+ 4	55	92.98	+ 4	1,491	6,725
+ 3	41	92.91	+ 3	1,118	6,738
+ 2	27	92.84	+ 2	746	6,751
+ 1	14	92.77	+ 1	373	6,764
				0	6,777
0	0	92.70	0	0	6,852
				0	6,927
- 1	(9)	92.59	- 1	(373)	6,940
- 2	(17)	92.48	- 2	(746)	6,953
- 3	(26)	92.37	- 3	(1,118)	6,966
- 4	(34)	92.26	- 4	(1,491)	6,979
- 5	(43)	92.15	- 5	(1,864)	6,993
- 6	(52)	92.04	- 6	(2,237)	7,006
- 7	(60)	91.93	- 7	(2,610)	7,019
- 8	(69)	91.82	- 8	(2,982)	7,032
- 9	(77)	91.71	- 9	(3,355)	7,045
- 10	(86)	91.60	- 10	(3,728)	7,058
	Weighting Factor:	0.019		Weighting Factor:	0.530

Issued by: S. W. Connally, Jr.

ESTIMATED UNIT PERFORMANCE DATA

ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2015 - December 2015

	CRIST 6	Jan '15	Feb '15	Mar '15	Apr '15	May '15	Jun '15	
1.	EAF (%)	96.0	92.8	86.2	0.0	0.0	100.0	
2.	POF (%)	0.0	0.0	12.9	100.0	100.0	0.0	
3.	EUOF (%)	4.0	7.2	0.9	0.0	0.0	0.0	
4.	EUOR (%)	13.9	78.8	2.9	0.0	0.0	0.0	
5.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
6.	SH	183.0	13.0	226.0	0.0	0.0	0.0	
7.	RSH	531.6	610.6	414.2	0.0	0.0	720.0	
8.	UH	29.4	48.4	102.8	720.0	744.0	0.0	
9.	POH	0.0	0.0	96.0	720.0	744.0	0.0	
10.	FOH & EFOH	5.4	0.4	6.8	0.0	0.0	0.0	
11.	MOH & EMOH	24.0	48.0	0.0	0.0	0.0	0.0	
12.	Oper MBtu	293053	20496	372864	0	0	0	
13.	Net Gen (MWH)	22844.8	1509.8	28245.1	0.0	0.0	0.0	
14.	ANOHR (Btu/KWH)	12828.0	13575.0	13201.0	-	-	-	
15.	NOF %	41.8	38.8	41.8	0.0	0.0	0.0	
16.	NPC (MW)	299.0	299.0	299.0	299.0	299.0	299.0	

19.	ANOHR Equation	10^6 / AKW * [547.85 + 100.05 * JAN + 141.57 * FEB + 147.80 * MAR + 131.25 * APR + 62.34 * AUG + 36.24 * OCT] + 7,054 + 0.00420 * LSRF / AKW

Issued by: S. W. Connally, Jr.

ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2015 - December 2015

	CRIST 6	Jul '15	Aug '15	Sep '15	Oct '15	Nov '15	Dec '15	Total
1.	EAF (%)	98.8	100.0	100.0	100.0	100.0	99.4	81.1
2.	POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	17.8
3.	EUOF (%)	1.2	0.0	0.0	0.0	0.0	0.6	1.1
4.	EUOR (%)	2.9	0.0	0.0	0.0	0.0	2.9	10.2
5.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
6.	SH	289.0	0.0	0.0	0.0	0.0	144.0	855.0
7.	RSH	446.4	744.0	720.0	744.0	721.0	595.7	6247.5
8.	UH	8.6	0.0	0.0	0.0	0.0	4.3	1657.5
9.	POH	0.0	0.0	0.0	0.0	0.0	0.0	1560.0
10.	FOH & EFOH	8.6	0.0	0.0	0.0	0.0	4.3	25.5
11.	MOH & EMOH	0.0	0.0	0.0	0.0	0.0	0.0	72.0
12.	Oper MBtu	433358	0	0	0	0	215924	1335695
13.	Net Gen (MWH)	36026.1	0.0	0.0	0.0	0.0	17950.3	106576.1
14.	ANOHR (Btu/KWH)	12029.0	-	-	-	-	12029.0	12533.0
15.	NOF %	41.7	0.0	0.0	0.0	0.0	41.7	41.7
16.	NPC (MW)	299.0	299.0	299.0	299.0	299.0	299.0	299.0

19.	ANOHR Equation	10^6 / AKW * [547.85 + 100.05 * JAN + 141.57 * FEB + 147.80 * MAR + 131.25 * APR + 62.34 * AUG + 36.24 * OCT] + 7,054 + 0.00420 * LSRF / AKW

Issued by: S. W. Connally, Jr.

ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2015 - December 2015

	CRIST 7	Jan '15	Feb '15	Mar '15	Apr '15	May '15	Jun '15	
1.	EAF (%)	97.8	97.2	78.7	94.1	77.4	98.9	
2.	POF (%)	0.0	0.0	0.0	0.0	22.6	0.0	
3.	EUOF (%)	2.2	2.8	21.3	5.9	0.0	1.1	
4.	EUOR (%)	2.8	2.8	24.1	5.9	0.0	2.6	
5.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
6.	SH	561.0	656.4	500.0	679.8	0.0	306.0	
7.	RSH	169.7	0.0	87.1	0.0	576.0	406.7	
8.	UH	13.3	15.6	155.9	40.2	168.0	7.3	
9.	POH	0.0	0.0	0.0	0.0	168.0	0.0	
10.	FOH & EFOH	16.3	18.6	13.9	18.2	0.0	8.3	
11.	MOH & EMOH	0.0	0.0	144.0	24.0	0.0	0.0	
12.	Oper MBtu	1595305	1861573	1358259	1954474	0	968225	
13.	Net Gen (MWH)	145729.9	169991.1	127177.8	173361.2	0.0	89476.5	
14.	ANOHR (Btu/KWH)	10947.0	10951.0	10680.0	11274.0	-	10821.0	
15.	NOF %	54.7	54.5	53.5	53.7	0.0	61.6	
16.	NPC (MW)	475.0	475.0	475.0	475.0	475.0	475.0	

19.	ANOHR Equation	10^6 / AKW * [735.33 - 74.26 * MAR + 77.66 * APR] + 7,097 + 0.00393 * LSRF / AKW

Issued by: S. W. Connally, Jr.

ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2015 - December 2015

	CRIST 7	Jul '15	Aug '15	Sep '15	Oct '15	Nov '15	Dec '15	Total
1.	EAF (%)	98.3	98.2	99.3	100.0	100.0	99.5	94.9
2.	POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	1.9
3.	EUOF (%)	1.7	1.8	0.7	0.0	0.0	0.5	3.2
4.	EUOR (%)	2.5	2.5	2.9	0.0	0.0	2.3	6.5
5.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
6.	SH	490.0	524.0	156.0	0.0	1.0	164.0	4038.2
7.	RSH	242.4	207.6	560.3	744.0	720.0	576.1	4289.8
8.	UH	11.6	12.4	3.7	0.0	0.0	3.9	431.9
9.	POH	0.0	0.0	0.0	0.0	0.0	0.0	168.0
10.	FOH & EFOH	12.6	13.4	4.7	0.0	0.0	3.9	109.9
11.	MOH & EMOH	0.0	0.0	0.0	0.0	0.0	0.0	168.0
12.	Oper MBtu	1708150	1797076	475085	0	0	486284	12204431
13.	Net Gen (MWH)	159297.8	167341.1	43730.2	0.0	0.0	44629.6	1120735.2
14.	ANOHR (Btu/KWH)	10723.0	10739.0	10864.0	-	-	10896.0	10890.0
15.	NOF %	68.4	67.2	59.0	0.0	0.0	57.3	58.4
16.	NPC (MW)	475.0	475.0	475.0	475.0	475.0	475.0	475.0

19.	ANOHR Equation	10^6 / AKW * [735.33 - 74.26 * MAR + 77.66 * APR] + 7,097 + 0.00393 * LSRF / AKW

Issued by: S. W. Connally, Jr.

ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2015 - December 2015

	DANIEL 1	Jan '15	Feb '15	Mar '15	Apr '15	May '15	Jun '15	
1.	EAF (%)	51.2	0.0	6.3	97.7	97.6	97.4	
2.	POF (%)	45.2	100.0	93.7	0.0	0.0	0.0	
3.	EUOF (%)	3.6	0.0	0.0	2.3	2.4	2.6	
4.	EUOR (%)	19.9	0.0	0.0	2.8	2.6	2.6	
5.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
6.	SH	109.1	0.0	0.0	591.1	676.8	694.8	
7.	RSH	271.8	0.0	47.0	113.0	49.1	6.5	
8.	UH	363.1	672.0	696.0	15.9	18.2	18.6	
9.	POH	336.0	672.0	696.0	0.0	0.0	0.0	
10.	FOH & EFOH	3.1	0.0	0.0	16.9	18.2	18.6	
11.	MOH & EMOH	24.0	0.0	0.0	0.0	0.0	0.0	
12.	Oper MBtu	429777	0	0	1987524	2272740	2407794	
13.	Net Gen (MWH)	42342.6	0.0	0.0	192664.2	214510.6	234175.6	
14.	ANOHR (Btu/KWH)	10150.0	-	-	10316.0	10595.0	10282.0	
15.	NOF %	76.1	0.0	0.0	63.9	62.2	66.1	
16.	NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	
19.	ANOHR Equation	10^6 / AKW * [338.36 + 79.10 * MAY + 137.43 * OCT + 89.35 * NOV] + 9,278						

Issued by: S. W. Connally, Jr.

ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2015 - December 2015

	DANIEL 1	Jul '15	Aug '15	Sep '15	Oct '15	Nov '15	Dec '15	Total
1.	EAF (%)	97.4	97.4	97.4	63.7	68.8	99.6	73.3
2.	POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	19.5
3.	EUOF (%)	2.6	2.6	2.6	36.3	31.2	0.4	7.2
4.	EUOR (%)	2.6	2.6	2.6	53.8	43.8	3.0	11.6
5.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
6.	SH	724.6	718.9	695.9	231.9	289.7	106.9	4839.5
7.	RSH	0.0	5.9	5.5	241.8	207.4	633.8	1581.7
8.	UH	19.4	19.3	18.7	270.4	223.9	3.3	2338.7
9.	POH	0.0	0.0	0.0	0.0	0.0	0.0	1704.0
10.	FOH & EFOH	19.4	19.3	18.7	6.4	8.9	3.3	132.7
11.	MOH & EMOH	0.0	0.0	0.0	264.0	216.0	0.0	504.0
12.	Oper MBtu	2634237	2629267	2387972	736846	905298	274773	16666228
13.	Net Gen (MWH)	257501.2	257166.2	231999.6	67532.4	84221.6	25718.2	1607832.2
14.	ANOHR (Btu/KWH)	10230.0	10224.0	10293.0	10911.0	10749.0	10684.0	10366.0
15.	NOF %	69.7	70.1	65.4	57.1	57.0	47.2	65.1
16.	NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0

19.	ANOHR Equation	10^6 / AKW * [338.36 + 79.10 * MAY + 137.43 * OCT + 89.35 * NOV] + 9,278

Issued by: S. W. Connally, Jr.

ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2015 - December 2015

	DANIEL 2	Jan '15	Feb '15	Mar '15	Apr '15	May '15	Jun '15	
1.	EAF (%)	70.5	97.6	69.5	97.3	97.4	97.4	
2.	POF (%)	29.0	0.0	29.1	0.0	0.0	0.0	
3.	EUOF (%)	0.5	2.4	1.4	2.7	2.6	2.6	
4.	EUOR (%)	2.8	2.6	2.9	2.7	2.6	2.6	
5.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
6.	SH	121.9	620.1	369.3	696.9	724.8	701.4	
7.	RSH	402.6	35.4	147.8	4.7	0.0	0.0	
8.	UH	219.5	16.4	225.9	18.5	19.2	18.6	
9.	POH	216.0	0.0	216.0	0.0	0.0	0.0	
10.	FOH & EFOH	3.5	16.4	10.9	19.5	19.2	18.6	
11.	MOH & EMOH	0.0	0.0	0.0	0.0	0.0	0.0	
12.	Oper MBtu	429306	1964722	1420611	2387575	2402191	2479779	
13.	Net Gen (MWH)	43452.0	209013.0	138353.2	233572.2	233835.4	243665.0	
14.	ANOHR (Btu/KWH)	10822.0	9400.0	10268.0	10222.0	10273.0	10177.0	
15.	NOF %	35.0	66.1	73.5	65.7	63.3	68.1	
16.	NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	

19.	ANOHR Equation	10^6 / AKW * [430.73 - 94.68 * JAN - 274.79 * FEB + 67.80 * MAR + 155.49 * OCT] + 8,937

Issued by: S. W. Connally, Jr.

ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2015 - December 2015

	DANIEL 2	Jul '15	Aug '15	Sep '15	Oct '15	Nov '15	Dec '15	Total
1.	EAF (%)	97.4	97.4	97.3	97.4	68.7	77.2	88.7
2.	POF (%)	0.0	0.0	0.0	0.0	0.0	0.0	4.9
3.	EUOF (%)	2.6	2.6	2.7	2.6	31.3	22.8	6.4
4.	EUOR (%)	2.6	2.6	2.7	2.6	38.0	73.2	7.9
5.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
6.	SH	724.8	724.8	693.8	723.0	368.8	62.1	6531.7
7.	RSH	0.0	0.0	7.8	1.9	126.4	511.9	1238.5
8.	UH	19.2	19.2	18.4	19.1	225.8	170.0	989.8
9.	POH	0.0	0.0	0.0	0.0	0.0	0.0	432.0
10.	FOH & EFOH	19.2	19.2	19.4	19.1	9.8	2.0	176.8
11.	MOH & EMOH	0.0	0.0	0.0	0.0	216.0	168.0	384.0
12.	Oper MBtu	2641963	2653117	2430374	2336902	1131304	152214	22430058
13.	Net Gen (MWH)	260677.2	261932.8	238505.8	214060.8	108800.2	14038.0	2199905.6
14.	ANOHR (Btu/KWH)	10135.0	10129.0	10190.0	10917.0	10398.0	10843.0	10196.0
15.	NOF %	70.5	70.9	67.4	58.1	57.8	44.3	66.0
16.	NPC (MW)	510.0	510.0	510.0	510.0	510.0	510.0	510.0

19.	ANOHR Equation	10^6 / AKW * [430.73 - 94.68 * JAN - 274.79 * FEB + 67.80 * MAR + 155.49 * OCT] + 8,937

Issued by: S. W. Connally, Jr.

ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2015 - December 2015

	SMITH 3	Jan '15	Feb '15	Mar '15	Apr '15	May '15	Jun '15	
1.	EAF (%)	83.1	98.9	99.0	79.3	89.5	99.0	
2.	POF (%)	0.0	0.0	0.0	20.0	9.7	0.0	
3.	EUOF (%)	16.9	1.1	1.0	0.7	0.8	1.0	
4.	EUOR (%)	16.9	1.1	1.0	0.9	0.9	1.0	
5.	PH	744.0	672.0	743.0	720.0	744.0	720.0	
6.	SH	618.0	665.3	735.6	571.0	666.0	712.8	
7.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	
8.	UH	126.0	6.7	7.4	149.0	78.0	7.2	
9.	POH	0.0	0.0	0.0	144.0	72.0	0.0	
10.	FOH & EFOH	6.0	7.7	7.4	5.0	6.0	7.2	
11.	MOH & EMOH	120.0	0.0	0.0	0.0	0.0	0.0	
12.	Oper MBtu	1936986	2132631	2341416	1857370	2150633	2270734	
13.	Net Gen (MWH)	281293.4	310471.9	340619.1	270832.6	313320.6	330336.7	
14.	ANOHR (Btu/KWH)	6886.0	6869.0	6874.0	6858.0	6864.0	6874.0	
15.	NOF %	77.9	79.9	83.1	85.1	80.9	83.4	
16.	NPC (MW)	584.0	584.0	557.4	557.4	581.4	556.0	

19.	ANOHR Equation	10^6 / AKW * [314.69 - 33.91 * OCT] + 6,195

Issued by: S. W. Connally, Jr.

ESTIMATED UNIT PERFORMANCE DATA

GULF POWER COMPANY

PERIOD OF: January 2015 - December 2015

	SMITH 3	Jul '15	Aug '15	Sep '15	Oct '15	Nov '15	Dec '15	Total
1.	EAF (%)	99.0	99.0	99.0	99.0	69.2	98.9	92.7
2.	POF (%)	0.0	0.0	0.0	0.0	30.0	0.0	4.9
3.	EUOF (%)	1.0	1.0	1.0	1.0	0.8	1.1	2.3
4.	EUOR (%)	1.0	1.0	1.0	1.0	1.2	1.1	2.4
5.	PH	744.0	744.0	720.0	744.0	721.0	744.0	8760.0
6.	SH	736.6	736.6	712.8	736.6	500.0	736.5	8127.8
7.	RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.	UH	7.4	7.4	7.2	7.4	221.0	7.5	632.2
9.	POH	0.0	0.0	0.0	0.0	216.0	0.0	432.0
10.	FOH & EFOH	7.4	7.4	7.2	7.4	6.0	8.5	83.2
11.	MOH & EMOH	0.0	0.0	0.0	0.0	0.0	0.0	120.0
12.	Oper MBtu	2465460	2452799	2279273	2358250	1671729	2498747	26416028
13.	Net Gen (MWH)	360552.8	358543.9	331723.6	347312.2	244476.3	365955.9	3855439.0
14.	ANOHR (Btu/KWH)	6838.0	6841.0	6871.0	6790.0	6838.0	6828.0	6852.0
15.	NOF %	88.0	87.5	83.7	84.6	87.7	85.1	83.9
16.	NPC (MW)	556.0	556.0	556.0	557.4	557.4	584.0	565.6

19.	ANOHR Equation	10^6 / AKW * [314.69 - 33.91 * OCT] + 6,195

Issued by: S. W. Connally, Jr.

Planned Outage Schedules (Estimated)

Gulf Power Company

Period of: January 2015 - December 2015

Plant & Unit	Planned Outage Dates			Reason for Outage
Daniel 1	01/17/15	-	03/29/15	Major boiler outage and inspection
Daniel 2	01/19/15	-	01/27/15	Common Stack outage
Daniel 2	03/16/15	-	03/24/15	Common Stack outage
Crist 6	03/28/15	-	05/31/15	Controls upgrqade and boiler inspection.
Crist 7	05/09/15	-	05/15/15	Common outage for scrubber maintenance
Smith 3	04/25/15	-	05/03/15	Borescope Inspection
Smith 3	11/21/15	-	11/29/15	Borescope Inspection

Notes Regarding Estimated Planned Outage Schedules

Gulf Power Company

Period of: January 2015 - December 2015

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 2015 - December 2015, 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.: **140001-EI**

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing was furnished by electronic mail this 22nd day of August, 2014 to the following:

Florida Public Utilities Company
Cheryl M. Martin
1641 Worthington Road
Suite 220
West Palm Beach, FL 33409-6703
Cheryl_Martin@fpuc.com

PCS Phosphate – White Springs
c/o Brickfield Law Firm
James W. Brew/F. Alvin Taylor
Eighth Floor, West Tower
1025 Thomas Jefferson St, NW
Washington, DC 20007
jbrew@bbrslaw.com

Duke Energy Florida
John T. Burnett
Dianne M. Triplett
Post Office Box 14042
St. Petersburg, FL 33733
Dianne.triplett@duke-energy.com
John.burnett@duke-energy.com

Florida Power & Light Company
John T. Butler
700 Universe Boulevard (LAW/JB)
Juno Beach, FL 33408-0420
John.Butler@fpl.com

Florida Power & Light Company
Kenneth Hoffman
215 South Monroe Street,
Suite 810
Tallahassee, FL 32301-1858
Ken.Hoffman@fpl.com

Ausley Law Firm
James D. Beasley
J. Jeffry Wahlen
Ashley M. Daniels
Post Office Box 391
Tallahassee, FL 32302
jbeasley@ausley.com
adaniels@ausley.com

Gunster Law Firm
Beth Keating
215 South Monroe Street, Suite 601
Tallahassee, FL 32301-1839
bkeating@gunster.com

Office of Public Counsel
J. Kelly
P. Christensen
C. Rehwinkel
c/o The Florida Legislature
111 W. Madison Street, Room 812
Tallahassee, FL 32399-1400
Christensen.patty@leg.state.fl.us

Duke Energy Florida, Inc.
Matthew R. Bernier
Paul Lewis, Jr.
106 East College Avenue,
Suite 800
Tallahassee, FL 32301-7740
Paul.lewisjr@duke-energy.com
Matthew.bernier@duke-energy.com

Florida Industrial Power Users Group
c/o Moyle Law Firm
Jon C. Moyle, Jr.
118 North Gadsden Street
Tallahassee, FL 32301
jmoyle@moylelaw.com

Tampa Electric Company
Ms. Paula K. Brown
Regulatory Affairs
P. O. Box 111
Tampa, FL 33601-0111
Regdept@tecoenergy.com

Office of the General Counsel
Martha Barrera
2540 Shumard Oak Blvd
Tallahassee, FL 32399-0850
mbarrera@psc.state.fl.us
jgilcher@psc.state.fl.us
tefarley@psc.state.fl.us

Florida Retail Federation
Robert Scheffel Wright
John T. LaVia
c/o Gardner Law Firm
1300 Thomaswood Drive
Tallahassee, FL 32308
schef@gbwlegal.com
jlavia@gbwlegal.com

JEFFREY A. STONE
Florida Bar No. 325953
jas@beggslane.com
RUSSELL A. BADDERS
Florida Bar No. 007455
rab@beggslane.com
STEVEN R. GRIFFIN
Florida Bar No. 0627569
srg@beggslane.com
BEGGS & LANE
P. O. Box 12950
Pensacola FL 32591-2950
(850) 432-2451
Attorneys for Gulf Power