Matthew R. Bernier
Senior Counsel
Duke Energy Florida, LLC

September 1, 2015

VIA ELECTRONIC FILING

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

Re: *Fuel and Purchased Power Cost recovery clause with Generating Performance Incentive Factor; Docket No. 150001-EI*

Dear Ms. Stauffer:

On behalf of Duke Energy Florida, LLC ("DEF"), please find attached for electronic filing in the above referenced docket:

- DEF's Petition for Approval of Fuel and Purchase Power Cost Recovery Factors for the Period of January 2016 through December 2016;
- Testimony of Christopher A. Menendez and Exhibit No. ___ (CAM-3);
- Testimony of Matthew J. Jones and Exhibit No. ____ (MJJ-1P); and
- Redacted Testimony of Joseph McCallister.

Thank you for your assistance in this matter. Please feel free to call me at (850) 521-1428 should you have any questions concerning this filing.

Respectfully,

*s/Matthew R. Bernier*_____
Matthew R. Bernier
Senior Counsel
Matthew.Bernier@duke-energy.com

MRB/mw
Enclosures

Duke Energy Florida, LLC

Docket No.: 150001

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 1st day of September, 2015.

*s/Matthew R. Bernier*_____
Attorney

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost recovery clause with generating performance incentive factor.	Docket No. 150001-EI Filed: September 1, 2015

PETITION FOR APPROVAL OF FUEL AND PURCHASE POWER COST RECOVERY FACTORS FOR THE PERIOD JANUARY 2016 THROUGH DECEMBER 2016

Duke Energy Florida, LLC ("DEF" or the "Company") hereby petitions this Commission for approval of its proposed fuel and capacity cost recovery factors for the period January 2016 through December 2016. In support of this Petition, DEF states as follows:

Fuel Cost Recovery Factors

1. DEF's proposed fuel cost recovery factors are presented in the pre-filed testimony and exhibits of Christopher A. Menendez. Schedule E1, Part 2 of Exhibit No.__ (CAM-3) shows the calculation of the Company's basic fuel cost factor of 3.677 cents/kWh (before metering voltage adjustments). The basic factor consists of a fuel cost for the projection period of 3.9048 cents/kWh (adjusted for jurisdictional losses), a GPIF penalty of (0.0227) cents/kWh, and an estimated prior period over-recovery true-up of (0.2076) cents/kWh. Utilizing this basic factor, Schedule E1-D shows the calculation and supporting data for the Company's final levelized fuel cost factors for service taken at secondary, primary, and transmission metering voltage levels.

Capacity Cost Recovery Factors

2. The calculation of DEF's proposed capacity cost recovery ("CCR") factors is shown in Part 3 of Exhibit No. __(CAM-3). The proposed CCR factors allocate capacity costs to rate classes in the same manner that they would be allocated if they were recovered in base rates.

As shown on Schedule E12-E, the average retail capacity CCR factor excluding nuclear costs is 1.050 cents/kWh.

Other Issues

3. DEF has calculated that it is subject to a GPIF penalty of $8,613,797 for the performance experienced during the period January 1, 2014 through December 31, 2014. The Company is also proposing GPIF targets and ranges for the period January 1, 2016 through December 31, 2016 with such proposed targets and ranges being detailed in the testimony and exhibits of DEF witness Matthew J. Jones.

WHEREFORE, Duke Energy Florida, LLC, respectfully requests that the Commission approve the Company's fuel and capacity cost recovery true-ups and proposed fuel and capacity cost recovery factors for the period January 2016 through December 2016 as set forth in the testimony and supporting exhibit of Christopher A. Menendez filed on September 1, 2015.

Respectfully submitted,

s/Matthew R. Bernier

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Attorneys for Duke Energy Florida, LLC

Duke Energy Florida
CERTIFICATE OF SERVICE
Docket No. 150001-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via email this 1st day of September, 2015 to all parties of record as indicated below.

s/Matthew R. Bernier
Attorney

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DUKE ENERGY FLORIDA

DOCKET NO. 150001-EI

Fuel and Capacity Cost Recovery Factors
January through December 2016

DIRECT TESTIMONY OF
Christopher A. Menendez

September 1, 2015

Q. Please state your name and business address.

A. My name is Christopher A. Menendez. My business address is 299 1st Avenue North, St. Petersburg, Florida 33701.

Q. Have you previously filed testimony before this Commission in Docket No. 150001-EI?

A. Yes, I provided direct testimony on March 3, 2015 and August 4, 2015.

Q. Have your duties and responsibilities remained the same since your testimony was last filed in this docket?

A. Yes.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to present for Commission approval the fuel and capacity cost recovery factors of Duke Energy Florida, LLC (DEF or the Company) for the period of January through December 2016.

Q. Do you have an exhibit to your testimony?

A. Yes. I have prepared Exhibit No.__(CAM-3), consisting of Parts 1, 2 and 3. Part 1 contains DEF's forecast assumptions on fuel costs. Part 2 contains fuel cost recovery (FCR) schedules E1 through E10, H1 and the calculation of the inverted residential fuel rate. I have not included the schedule that supports the rate of return applied to capital projects recovered through the fuel clause pursuant to Order No. PSC-15-0001-PCO-EI, as there are no capital projects for which DEF is requesting recovery in this docket. Part 3 contains capacity cost recovery (CCR) schedules.

FUEL COST RECOVERY CLAUSE

Q. Please describe the fuel cost factors calculated by the Company for the projection period.

A. Schedule E1 shows the calculation of the Company's jurisdictional fuel cost factor of 3.677 ¢/kWh. This factor consists of a fuel cost for the projection period of 3.9048 ¢/kWh (adjusted for jurisdictional losses), a GPIF penalty of (0.0227) ¢/kWh, and an estimated prior period over-recovery true-up of (0.2076) ¢/kWh. Utilizing this factor, Schedule E1-D shows the calculation and supporting data for the Company's levelized fuel cost factors for service taken at secondary, primary, and transmission metering voltage levels. To perform this calculation, effective jurisdictional sales at the secondary level are calculated by applying 1% and 2% metering reduction factors to primary and transmission sales, respectively (forecasted at meter level). This is consistent

with the methodology used in the development of the capacity cost recovery factors.

Schedule E1-D, lines 23-24 show the Company's proposed tiered rates of 3.353 ¢/kWh for the first 1,000 kWh and 4.353 ¢/kWh above 1,000 kWh. These rates are developed in the "Calculation of Inverted Residential Fuel Rates" schedule in Part 2.

Schedule E1-E develops the Time of Use (TOU) multipliers of 1.347 On-peak and 0.841 Off-peak. The multipliers are then applied to the levelized fuel cost factors for each metering voltage level which results in the final TOU fuel factors to be applied to customer bills during the projection period.

Q. What is the amount of the 2015 net true-up that DEF has included in the fuel cost recovery factor for 2015?

A. DEF has included a projected over-recovery of $78,731,032. This amount includes a projected actual/estimated over-recovery for 2015 of $67,126,064 net of the final 2014 true-up over-recovery of $11,604,968 as included in my Direct Testimony filed on March 3, 2015.

Q. What is the change in the levelized residential fuel factor for the projection period from the fuel factor currently in effect?

A. The projected levelized residential fuel factor for 2016 of 3.634 ¢/kWh is a decrease of 0.964 ¢/kWh or 21% from the 2015 projected levelized residential fuel factor of 4.598 ¢/kWh.

Q. Were there any impacts to the 2016 Projection filing associated with the 2013 RRSSA?

A. Yes. RRSSA paragraphs 6.a and 6.b impact the 2016 Projection filing. Paragraph 6.a requires DEF to refund to Residential and General Service Non-Demand customers $10 million in 2016 through the Fuel Clause, allocated 94% to Residential and 6% to General Service Non-Demand. Paragraph 6.b requires DEF to refund to retail ratepayers $60 million in 2016 through the Fuel Clause.

Q. Have you included these impacts in your calculation of 2016 fuel rates?

A. Yes.

Q. Please describe where the impact of paragraph 6.a is included in your schedules.

A. The $10 million refund in 2016 is allocated 94%, or $9.4 million, to the Residential Service rate schedules RS-1, RST-1, RSL-1, RSL-2 and RSS-1. The remaining 6%, or $0.6 million, is allocated to the General Service Non-Demand rate schedules GS-1, GST-1 and GS-2.

The levelized fuel cost factor, prior to the application of this refund is 3.682 ¢/kWh (Schedule E1-D, line 8). To calculate the levelized fuel cost factor for residential service, the above rate is reduced by 0.048 ¢/kWh. The adjustment reflects the rate impact of the $9.4 million refund plus the interest amortization (Schedule E1-D, lines 11-14). The resulting levelized fuel cost factor for residential service is 3.634 ¢/kWh (Schedule E1-D line 15). A similar

methodology was used in the calculation of the General Service Non-Demand rate schedules (Schedule E1-D, lines 16-20).

Q. Please describe where the impact of paragraph 6.b is included in your schedules.

A. The impact of paragraph 6.b can be seen in Exhibit CAM-3, Part 2, Schedule E1 line 4. This line shows Adjustments to Fuel Cost for the period of $60.7 million. This is a system amount and includes other adjustments as well as the RRSSA refund. A breakout of this amount can be seen on Schedule RRSSA of Exhibit CAM-3, Part 2. Lines 1-3 show the breakout at the system level, while lines 6-8 show these numbers on a retail basis. Line 6 shows the total retail refund of $60 million. The adjustment to fuel cost on line 4 of Schedule E1 is included in the total cost of generated power on line 5. This amount flows into the total amount to be recovered on line 28. The amount from line 28 on Schedule E1 equals the total amount to be recovered on line 4 of Schedule E1-D. The amount on line 4 of Schedule E1-D, which includes the $60 million refund, is used to develop the fuel rates for 2016.

Q. Has DEF included the fuel rate adjustment of $1.50/mWh, as set forth in paragraph 7.a of the RRSSA, in the calculation of the 2016 fuel factors?

A. No. Consistent with DEF's petition in Docket No. 150148-EI (now consolidated into Docket No. 150171-EI), DEF has removed this adjustment from the calculation of the 2016 fuel factors. DEF has removed the fuel adjustment calculations from the 2016 Schedules included in Exhibit CAM-3, Part 2.

Q. Please explain the decrease in the 2016 fuel factor compared with the 2015 fuel factor.

A. The primary drivers of the decrease in the 2016 fuel factor are the difference in prior period true-up amount, lower projected fuel prices in 2016, removal of the RRSSA paragraph 7.a fuel adjustment and an increase in RRSSA refunds per paragraph 6.b. The 2015 fuel factor included a $74 million under-recovery, whereas the 2016 fuel factor includes a $79 million over-recovery; this results in a net change of approximately $153 million or 0.402 ¢/kWh. The projected fuel prices in 2016 are approximately $138 million, or 0.364 ¢/kWh, lower than 2015, primarily driven by a reduction in the cost of natural gas. As stated above, DEF has removed the RRSSA 7.a fuel adjustment in 2016, resulting in a 0.100 ¢/kWh reduction. Finally pursuant to RRSSA paragraph 6.b, DEF will refund $60 million to retail customers in 2016, as compared to a $40 million refund in 2015, driving a 0.053 ¢/kWh reduction.

Q. Have you made any adjustments to your estimated fuel costs for the period January through December 2015?

A. Yes, on Schedule E1, line 4, we made two adjustments totaling a net reduction of $60,716,217. First we made an adjustment to refund $60,000,000 (grossed up to $60,591,323 from retail to system) pursuant to RRSSA paragraph 6.b. We also made an adjustment to reduce fuel costs by $123,614 (grossed up to $124,894 from retail to system) for the amortization of interest on the refunds pursuant to the RRSSA.

Q. Is DEF proposing to continue the tiered rate structure for residential customers?

A. Yes. DEF is proposing to continue use of the inverted rate design for residential fuel factors to encourage energy efficiency and conservation. Specifically, the Company proposes to continue a two-tiered fuel charge whereby the charge for a customer's monthly usage in excess of 1,000 kWh (second tier) is priced one cent per kWh higher than the charge for the customer's usage up to 1,000 kWh (first tier). The 1,000 kWh price change breakpoint is reasonable in that approximately 72% of all residential energy is consumed in the first tier and 28% of all energy is consumed in the second tier. The Company believes the one cent higher per unit price, targeted at the second tier of the residential class' energy consumption, will promote energy efficiency and conservation. This inverted rate design was incorporated in the Company's base rates approved in Order No. PSC-02-0655-AS-EI.

Q. How was the inverted fuel rate calculated?

A. I have included a page in Part 2 of my exhibit that shows the calculation of the fuel cost factors for the two tiers of the residential rate. The two factors are calculated on a revenue neutral basis so that the Company will recover the same fuel costs as it would under the traditional levelized approach. The two-tiered factors are determined by first calculating the amount of revenues that would be generated by the overall levelized residential factor of 3.634 ¢/kWh shown on Schedule E1-D. The two factors are then calculated by allocating the total revenues to the two tiers for residential customers based on the total

annual energy usage for each tier.

Q. How do DEF's projected gains on non-separated wholesale energy sales for 2016 compare to the incentive benchmark?

A. The total gain on non-separated sales for 2016 is estimated to be $915,242 which is below the benchmark of $2,704,668. 100% of gains below the benchmark and 80% of gains above the benchmark will be distributed to customers based on the sharing mechanism approved by the Commission in Order No. PSC-00-1744-PAA-EI. Therefore since the total gain on non-separated sales was below the benchmark, none of the gains will be retained for the shareholders. The benchmark was calculated based on the average of actual gains for 2013 of $427,107 and 2014 of $4,493,609 and estimated gains for 2015 of $3,193,288 in accordance with Order No. PSC-00-1744-PAA-EI.

Q. Please explain the entry on Schedule E1, line 12, "Fuel Cost of Stratified Sales."

A. DEF has several wholesale contracts with SECI. One contract provides for the sale of supplemental energy to supply the portion of their load in excess of SECI's own resources. The fuel costs charged to SECI for supplemental sales are calculated on a "stratified" basis in a manner which recovers the higher cost of intermediate/peaking generation used to provide the energy. There are other contracts with SECI, Reedy Creek and the City of Homestead for fixed amounts of base, intermediate, peaking and plant-specific capacity. DEF is crediting average fuel cost of the appropriate strata in accordance with Order

No. PSC-97-0262-FOF-EI. The fuel costs of wholesale sales are normally included in the total cost of fuel and net power transactions used to calculate the average system cost per kWh for fuel adjustment purposes. However, since the fuel costs of the stratified and plant-specific sales are not recovered on an average system cost basis, an adjustment has been made to remove these costs and the related kWh sales from the fuel adjustment calculation in the same manner that interchange sales are removed from the calculation.

Q. Please give a brief overview of the procedure used in developing the projected fuel cost data from which the Company's fuel cost recovery factor was calculated.

A. The process begins with a fuel price forecast and a system sales forecast. These forecasts are input into the Company's production cost simulation model along with purchased power information, generating unit operating characteristics, maintenance schedules, incremental delivered fuel prices and other pertinent data. The model then computes system fuel consumption and fuel and purchased power costs. This information is the basis for the calculation of the Company's fuel cost factors and supporting schedules.

Q. What is the source of the system sales forecast?

A. System sales are forecasted by the DEF Load and Fundamentals Forecasting Department using a sales-weighted median 10-year average of weather conditions at the St. Petersburg, Orlando and Tallahassee weather stations, population projections from the Bureau of Economic and Business Research at

the University of Florida, and economic assumptions from Moody's Analytics.

Q. What is the source of the Company's fuel price forecast?

A. The fuel price forecasts for natural gas and fuel oil (residual and distillate) are based on a combination of observable market data in the industry as well as hedges and/or forward contracts currently in place. For coal, a third party forecast is used. Additional details and forecast assumptions are provided in Part 1 of my exhibit.

Q. Are current fuel prices the same as those used in the development of the projected fuel factor?

A. No. Fuel prices can change significantly from day to day, particularly in the storm season. Consistent with past practices, DEF will continue to monitor fuel prices and update the projection filing prior to the November hearing if changes in fuel prices warrant such an update.

CAPACITY COST RECOVERY CLAUSE

Q. Please explain the schedules that are included in Exhibit__(CAM-3) Part 3.

A. The following schedules are included in my exhibit:

Schedule E12-A – Calculation of Projected Capacity Costs – Year 2016

Page 1 of Schedule E12-A includes estimated 2016 calendar year system capacity payments to qualifying facilities (QF) and other power suppliers, as well as recovery of nuclear costs pursuant to Rule 25-6.0423. The retail portion of the capacity payments is calculated using separation factors consistent with DEF's 2013 RRSSA approved in Order No. PSC-13-0598-FOF-EI. Total nuclear costs are made up of costs for the Levy Nuclear Project and the CR3 Uprate project. The revenue requirements for the CR3 Uprate project and Levy Nuclear Project are as stipulated by DEF and the RRSSA signatories and approved by bench vote of the FPSC on August 18, 2015, in Docket 150009-EI. Schedule E12-A, page 2, provides dates and MWs associated with the QF and purchase power contracts.

Schedule E12-B – Calculation of Estimated/Actual True-Up - Year 2015

Schedule E12-B, which is also included in Exhibit __(CAM-2) to my direct testimony filed on August 4, 2015 in the 2015 estimated/actual true-up filing, calculates the estimated true-up capacity under-recovered balance for calendar year 2015 of $38,643,256. This balance is carried forward to Schedule E12-A, line 31 to be collected from customers from January through December 2016.

Schedule E12-D – Calculation of Energy and Demand Percent by Rate Class

Schedule E12-D is the calculation of the 12CP and 1/13 average demand allocators for each rate class.

Schedule E12-E – Calculation of Capacity Cost Recovery Factors by Rate Class

Schedule E12-E calculates the CCR factors for capacity and CR3 Uprate costs for each rate class based on the 12CP and 1/13 annual average demand allocators from Schedule E12-D. The factors for capacity, CR3 Uprate and Levy for the Residential, General Service Non-Demand, General Service (GS-2), and Lighting secondary delivery rate class in cents per kWh are calculated by multiplying total recoverable jurisdictional capacity (including revenue taxes) from Schedule E12-A by the class demand allocation factor, and then dividing by estimated effective sales at the secondary metering level. The factors for primary and transmission rate classes reflect the application of metering reduction factors of 1% and 2% from the secondary factor. The factors allocate capacity, CR3 Uprate and Levy costs to rate classes in the same manner in which they would be allocated if they were recovered in base rates.

Pursuant to the 2013 RRSSA, DEF has prepared the billing rates for the demand (General Service Demand, Curtailable, and Interruptible) rate classes to be on a kilo-watt (kW) rather than a kilo-watt-hour (kWh) basis. These changes are reflected in columns 11 – 16.

Q. Has DEF used the most recent load research information in the development of its capacity cost allocation factors?

A. Yes. The 12CP load factor relationships from DEF's most recent load research conducted for the period April 2014 through March 2015 are incorporated into the capacity cost allocation factors. This information is included in DEF's Load Research Report filed with the Commission on July 31, 2015.

Q. What is the 2016 projected average retail CCR factor?

A. The 2016 average retail CCR factor is 1.199 ¢/kWh, made up of capacity and nuclear costs of 1.050 ¢/kWh and 0.149 ¢/kWh, respectively.

Q. Please explain the change in the CCR factor for the projection period compared to the CCR factor currently in effect.

A. The total projected average retail CCR factor of 1.199 ¢/kWh is 0.13 ¢/kWh or 12% higher than the 2015 factor of 1.069 ¢/kWh, approved in Order No. PSC-15-0176-TRF-EI. This increase is primarily attributable to the inclusion of capacity costs for the Osprey PPA.

Q. Does this conclude your testimony?

A. Yes

DUKE ENERGY FLORIDA

FUEL AND CAPACITY COST RECOVERY FACTOR

JANUARY THROUGH DECEMBER 2016

PART 1 – 2016 FUEL PRICE FORECAST ASSUMPTIONS

Projected Market Price by Fuel Type

PROJECTED MARKET PRICE BY FUEL TYPE

	Light Oil		Coal Crystal River 1 & 2		Coal Crystal River 4 & 5		Natural Gas
Month	$/barrel	$/mmbtu	$/ton	$/mmbtu	$/ton	$/mmbtu	$/mmbtu
Jan 2016	80.50	13.89	89.89	3.80	78.61	3.41	3.31
Feb 2016	81.19	14.01	90.68	3.85	78.45	3.41	3.30
Mar 2016	82.15	14.17	92.07	3.92	78.44	3.42	3.26
Apr 2016	82.34	14.21	92.64	3.95	78.46	3.42	3.09
May 2016	82.55	14.24	93.37	3.99	78.47	3.43	3.09
Jun 2016	82.99	14.32	94.01	4.02	78.49	3.43	3.11
Jul 2016	83.42	14.39	94.81	4.06	78.45	3.43	3.15
Aug 2016	83.76	14.45	95.50	4.10	78.41	3.43	3.16
Sep 2016	84.20	14.53	96.07	4.12	78.38	3.44	3.15
Oct 2016	84.31	14.55	96.41	4.14	78.35	3.44	3.18
Nov 2016	83.52	14.41	96.62	4.16	78.32	3.44	3.25
Dec 2016	83.58	14.42	96.79	4.17	78.29	3.44	3.40
Average	82.88	14.30	94.07	4.02	78.43	3.43	3.20

Light Oil: The above base market oil price forecasts are the NYMEX forwards. Oil prices projected within the fuel forecast are based on expected contract structures and specifications, and incorporate current hedge positions and transportation costs.

Coal: Coal price projections are based on the current coal supply, transportation agreements, and forecasted deliveries. It assumes environmental restrictions on coal quality remain in effect as per current permits: 2.1 lbs. per million BTU sulfur dioxide limit for Crystal River Units 1 and 2. Crystal River 4 and 5 have operating scrubbers which allow for consideration of higher sulfur coal.

Natural Gas: The base market natural gas price forecast is the NYMEX Henry Hub forwards. This table includes natural gas market commodity prices only; however, the fuel forecast incorporates hedges and transportation costs. Forecast prices are based on expected contract specifications and incorporate current hedge positions. Firm transportation costs for Florida Gas Transmission and Gulfstream pipeline are based on expected tariff rates and/or negotiated rates. Interruptible transportation rates and availability are based on expected tariff rates and market conditions.

DUKE ENERGY FLORIDA

FUEL COST RECOVERY

JANUARY THROUGH DECEMBER 2016

PART 2 - 2016 FUEL COST RECOVERY SCHEDULES

Duke Energy Florida
Fuel and Purchased Power Cost Recovery Clause
Estimated for the Period of : January through December 2016

			DOLLARS	MWH	CENTS/KWH
1.	Fuel Cost of System Net Generation (E3)		1,274,495,433	35,293,870	3.6111
2.	Spent Nuclear Fuel Disposal Cost		0	0 *	0.0000
3.	Coal Car Investment		0	0	0.0000
4.	Adjustment to Fuel Cost		(60,716,217)	0	0.0000
5.	TOTAL COST OF GENERATED POWER		1,213,779,216	35,293,870	3.4391
6.	Energy Cost of Purchased Power (Excl. Econ & Cogens) (E7)		149,948,426	3,723,604	4.0270
7.	Energy Cost of Economy Purchases (E9)		9,085,437	197,751	4.5944
8.	Payments to Qualifying Facilities (E8)		148,615,976	3,343,544	4.4449
9.	TOTAL COST OF PURCHASED POWER		307,649,839	7,264,899	4.2347
10.	TOTAL AVAILABLE MWH			42,558,769	
11.	Fuel Cost of Economy Sales	(E6)	(4,076,663)	(171,195)	2.3813
11a.	Gain on Economy Sales	(E6)	(915,242)	(171,195) *	0.5346
12.	Fuel Cost of Stratified Sales	(E6)	(20,748,843)	(697,522)	2.9747
13.	TOTAL FUEL COST AND GAINS ON POWER SALES		(25,740,748)	(868,717)	2.9631
14.	Net Inadvertent Interchange				
15.	TOTAL FUEL AND NET POWER TRANSACTIONS		1,495,688,307	41,690,052	3.5876
16.	Net Unbilled		33,951,521 *	(946,347)	0.0886
17.	Company Use		5,166,199 *	(144,000)	0.0135
18.	T & D Losses		81,362,867 *	(2,267,867)	0.2123
19.	Adjusted System Sales		1,495,688,307	38,331,838	3.9019
20.	Wholesale Sales (Excluding Supplemental Sales)		(15,657,860)	(409,648)	3.8223
21.	Jurisdictional Sales		1,480,030,447	37,922,190	3.9028
22.	Jurisdictional Sales Adjusted for Line Losses x	1.00052	1,480,800,063	37,922,190	3.9048
23.	Prior Period True-Up (Sch E1-A)		(78,731,032)	37,922,190	(0.2076)
24.	Total Jurisdictional Fuel Cost		1,402,069,031	37,922,190	3.6972
25.	Revenue Tax Factor		1,009,490		1.0007
26.	Fuel Cost Adjusted for Taxes		1,403,078,521	37,922,190	3.6999
27.	GPIF **		(8,613,797)	37,922,190	(0.0227)
28.	Fuel Factor Adjusted for taxes including GPIF		1,394,464,724	37,922,190	3.6772
29.	Total Fuel Cost Factor (rounded to the nearest .001 cents/ KWH)				3.677

* For Informational Purposes Only
** Based on Jurisdictional Sales

Duke Energy Florida
Calculation of Total True-Up
(Projected Period)
Estimated for the Period of : January through December 2016

1.	Actual Over/(Under) Recovery January - December 2014. **(** Schedule E1-B, Page 2 of 2, Section C, Line 9 - Dec '14 **)**	$	(62,067,235)
2.	Projected (Over)/Under Recovery January - December 2014 . (Refunded)/Collected January - December 2014 . **(** Schedule E1-B, Page 2 of 2, Section C, Line 10 - Dec '14 **)**	$	73,672,203
3.	Estimated Over/(Under) Recovery January - December 2015 **(** Schedule E1-B, Page 2 of 2, Section C, Lines 8 and 12 - Dec '15 **)**	$	67,126,064
4.	Total Over/(Under) Recovery to be Included in the January - December 2015 Projected Period **(** Lines 1 through 3 **)**	$	78,731,032
5.	Jurisdictional mWh Sales (Projected Period)	mWh	37,922,190
6.	True-Up Factor (Line 4 / Line 5)	Cents/kWh	(0.208)

CALCULATION OF ESTIMATED TRUE-UP
(6 MONTHS ACTUAL, 6 MONTHS ESTIMATED)
Duke Energy Florida
Estimated for the Period of : January through December 2015

			JAN ACTUAL	FEB ACTUAL	MAR ACTUAL	APR ACTUAL	MAY ACTUAL	JUN ACTUAL	6 MONTH SUB-TOTAL
A	1	Fuel Cost of System Generation	$ 100,097,800	$ 97,550,693	$ 103,349,547	$ 112,810,811	$ 128,846,041	$ 134,240,962	$ 676,895,854
	2	Fuel Cost of Power Sold	(3,943,219)	(3,521,334)	(2,126,058)	(2,598,023)	(5,784,393)	(5,380,107)	(23,353,134)
	3	Fuel Cost of Purchased Power	7,520,849	7,910,824	10,237,409	14,882,323	12,928,988	24,457,418	77,937,812
	3a	Demand and Non-Fuel Cost of Purchased Power							-
	3b	Energy Payments to Qualified Facilities	8,990,368	8,182,122	8,070,423	9,132,303	10,888,108	10,001,969	55,265,293
	4	Energy Cost of Economy Purchases	452,250	582,968	600,426	654,836	460,058	420,572	3,171,110
	5	Adjustments to Fuel Cost	(14,256)	(21,380)	(143,979)	(17,701)	(17,248)	(16,864)	(231,427)
	6	TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	113,103,792	110,683,892	119,987,768	134,864,550	147,321,554	163,723,951	789,685,508
B	1	Jurisdictional MWH Sales	2,654,267	2,638,626	2,812,088	2,933,622	3,114,914	3,580,025	17,733,542
	2	Non-Jurisdictional MWH Sales	30,765	17,672	21,095	27,293	40,872	40,062	177,760
	3	TOTAL SALES (Lines B1 + B2)	2,685,032	2,656,298	2,833,182	2,960,915	3,155,787	3,620,087	17,911,302
	4	Jurisdictional % of Total Sales (Line B1/B3)	98.85%	99.33%	99.26%	99.08%	98.70%	98.89%	99.01%
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	119,677,266	119,280,708	127,253,695	133,158,428	142,927,573	165,551,705	807,849,374
	1a	RRSSA Refund - $40M	3,333,333	3,333,333	3,333,333	3,333,333	3,333,333	3,333,333	20,000,000
	1b	RRSSA Fuel Adjustment	(2,654,267)	(2,638,626)	(2,812,088)	(2,933,622)	(3,114,914)	(3,580,025)	(17,733,542)
	1c	RRSSA Refund - $10M	833,333	833,333	833,333	833,333	833,333	833,333	5,000,000
	2	True-Up Provision	(6,139,350)	(6,139,350)	(6,139,350)	(6,139,350)	(6,139,350)	(6,139,350)	(36,836,100)
	2a	Incentive Provision	(185,988)	(185,988)	(185,988)	(185,988)	(185,988)	(185,988)	(1,115,928)
	3	FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	114,864,327	114,483,410	122,282,936	128,066,135	137,653,987	159,813,009	777,163,803
	4	Fuel & Net Power Transactions (Line A6)	113,103,792	110,683,892	119,987,768	134,864,550	147,321,554	163,723,951	789,685,508
	5	Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	111,968,567	110,105,025	119,161,791	133,693,280	145,481,985	161,990,807	782,401,455
	6	Over/(Under) Recovery (Line C3 - Line C5)	2,895,760	4,378,385	3,121,145	(5,627,146)	(7,827,998)	(2,177,798)	(5,237,651)
	7	Interest Provision	(4,604)	(3,822)	(3,031)	(1,981)	(2,352)	(2,598)	(18,388)
	8	TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	2,891,156	4,374,563	3,118,113	(5,629,126)	(7,830,350)	(2,180,396)	(5,256,039)
	9	Plus: Prior Period Balance	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)
	10	Plus: Cumulative True-Up Provision	6,139,350	12,278,700	18,418,050	24,557,400	30,696,750	36,836,100	36,836,100
	11	Subtotal Prior Period True-up	(55,927,885)	(49,788,535)	(43,649,185)	(37,509,835)	(31,370,485)	(25,231,135)	(25,231,135)
	12	Regulatory Accounting Adjustment	-	-	-	-	-	-	-
	13	TOTAL TRUE-UP BALANCE	($53,036,729)	(42,522,816)	($33,265,353)	($32,755,129)	($34,446,129)	($30,487,175)	($30,487,175)

CALCULATION OF ESTIMATED TRUE-UP
(6 MONTHS ACTUAL, 6 MONTHS ESTIMATED)
Duke Energy Florida
Estimated for the Period of : January through December 2015

			JUL ESTIMATED	AUG ESTIMATED	SEPT ESTIMATED	OCT ESTIMATED	NOV ESTIMATED	DEC ESTIMATED	12 MONTH PERIOD
A	1	Fuel Cost of System Generation	$ 133,700,347	$ 136,097,823	$ 126,593,806	$ 104,928,147	$ 92,423,994	$ 105,359,517	$ 1,375,999,488
	2	Fuel Cost of Power Sold	(3,094,091)	(3,019,450)	(2,848,461)	(2,645,355)	(2,066,890)	(1,256,433)	(38,283,814)
	3	Fuel Cost of Purchased Power	17,416,030	17,013,076	15,192,693	22,949,573	7,386,550	5,093,508	162,989,242
	3a	Demand and Non-Fuel Cost of Purchased Power							0
	3b	Energy Payments to Qualified Facilities	10,312,561	10,297,360	9,958,969	8,056,488	11,106,909	11,872,346	116,869,926
	4	Energy Cost of Economy Purchases	671,734	788,613	1,296,819	1,462,896	622,471	270,008	8,283,651
	5	Adjustments to Fuel Cost	(15,475)	(15,475)	(15,475)	(15,475)	(15,475)	(15,475)	(324,278)
	6	TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	158,991,105	161,161,947	150,178,352	134,736,273	109,457,559	121,323,471	1,625,534,215
B	1	Jurisdictional MWH Sales	3,699,594	3,724,196	3,756,113	3,466,070	2,919,517	2,724,882	38,023,915
	2	Non-Jurisdictional MWH Sales	24,596	28,023	29,483	26,440	20,393	15,140	321,835
	3	TOTAL SALES (Lines B1 + B2)	3,724,190	3,752,219	3,785,596	3,492,510	2,939,910	2,740,022	38,345,749
	4	Jurisdictional % of Total Sales (Line B1/B3)	99.34%	99.25%	99.22%	99.24%	99.31%	99.45%	99.16%
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	170,744,713	171,885,672	173,365,900	159,914,463	134,566,793	125,540,147	1,743,867,062
	1a	RRSSA Refund - $40M	3,333,333	3,333,333	3,333,333	3,333,333	3,333,333	3,333,333	40,000,000
	1b	RRSSA Fuel Adjustment	(3,699,594)	(3,724,196)	(3,756,113)	(3,466,070)	(2,919,517)	(2,724,882)	(38,023,915)
	1c	RRSSA Refund - $10M	833,333	833,333	833,333	833,333	833,333	833,333	10,000,000
	2	True-Up Provision	(6,139,350)	(6,139,350)	(6,139,350)	(6,139,350)	(6,139,350)	(6,139,353)	(73,672,203)
	2a	Incentive Provision	(185,988)	(185,988)	(185,988)	(185,988)	(185,988)	(185,985)	(2,231,853)
	3	FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	164,886,447	166,002,805	167,451,116	154,289,722	129,488,604	120,656,594	1,679,939,091
	4	Fuel & Net Power Transactions (Line A6)	158,991,105	161,161,947	150,178,352	134,736,273	109,457,559	121,323,471	1,625,534,215
	5	Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	158,023,894	160,036,409	149,084,444	133,781,808	108,758,827	120,718,933	1,612,805,769
	6	Over/(Under) Recovery (Line C3 - Line C5)	6,862,553	5,966,396	18,366,672	20,507,914	20,729,777	(62,339)	67,133,322
	7	Interest Provision	(1,914)	(910)	555	2,600	4,741	6,058	(7,258)
	8	TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	6,860,639	5,965,486	18,367,226	20,510,514	20,734,518	(56,281)	67,126,064
	9	Plus: Prior Period Balance	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)
	10	Plus: Cumulative True-Up Provision	42,975,450	49,114,800	55,254,150	61,393,500	67,532,850	73,672,203	73,672,203
	11	Subtotal Prior Period True-up	(19,091,785)	(12,952,435)	(6,813,085)	(673,735)	5,465,615	11,604,968	11,604,968
	12	Regulatory Accounting Adjustment	-	-	-	-	-	-	-
	13	TOTAL TRUE-UP BALANCE	($17,487,186)	($5,382,349)	$19,124,227	$45,774,091	$72,647,959	$78,731,031	$78,731,031

Duke Energy Florida
Summary of Revised and Restated Stipulation and Settlement Agreement (RRSSA) Adjustments
Estimated for the Period of January through December 2016

System:	Estimated Jan-16	Estimated Feb-16	Estimated Mar-16	Estimated Apr-16	Estimated May-16	Estimated Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	12 Month Period	Schedule Reference	RRSSA Paragraph
1 RRSSA Refund ($60 million)	(5,028,073)	(5,032,630)	(5,023,019)	(5,019,487)	(5,024,029)	(5,023,524)	(5,072,989)	(5,079,692)	(5,071,444)	(5,074,019)	(5,081,759)	(5,060,660)	(60,591,323)		6.b.
2 Other Adjustments to Fuel Cost	(10,408)	(10,408)	(10,408)	(10,408)	(10,408)	(10,408)	(10,408)	(10,408)	(10,408)	(10,408)	(10,408)	(10,408)	(124,894)		
3 Total 2015 Adjustments to Fuel Cost (Lines 1 + 2)	(5,038,480)	(5,043,038)	(5,033,427)	(5,029,895)	(5,034,437)	(5,033,932)	(5,083,397)	(5,090,100)	(5,081,852)	(5,084,427)	(5,092,166)	(5,071,067)	(60,716,217)	E1, line 4	
4 Jurisdictional % of Total Sales	99.39%	99.30%	99.49%	99.56%	99.47%	99.48%	98.51%	98.38%	98.54%	98.49%	98.34%	98.75%			
5 Jurisdictional Loss Multiplier	1.0005	1.0005	1.0005	1.0005	1.0005	1.0005	1.0005	1.0005	1.0005	1.0005	1.0005	1.0005			

Retail:	Estimated Jan-16	Estimated Feb-16	Estimated Mar-16	Estimated Apr-16	Estimated May-16	Estimated Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	12 Month Period	Schedule Reference	RRSSA Paragraph
6 RRSSA Refund ($60 million)	(5,000,000)	(5,000,000)	(5,000,000)	(5,000,000)	(5,000,000)	(5,000,000)	(5,000,000)	(5,000,000)	(5,000,000)	(5,000,000)	(5,000,000)	(5,000,000)	(60,000,000)		6.b.
7 Other Adjustments to Fuel Cost	(10,344)	(10,335)	(10,355)	(10,362)	(10,353)	(10,354)	(10,253)	(10,239)	(10,256)	(10,251)	(10,235)	(10,278)	(123,614)		
8 Total 2015 Adjustments to Fuel Cost (Lines 6 + 7)	(5,010,344)	(5,010,335)	(5,010,355)	(5,010,362)	(5,010,353)	(5,010,354)	(5,010,253)	(5,010,239)	(5,010,256)	(5,010,251)	(5,010,235)	(5,010,278)	(60,123,614)		

Duke Energy Florida
Calculation of Generating Performance Incentive
And True-Up Adjustment Factors
Estimated for the Period of : January through December 2016

1.	TOTAL AMOUNT OF ADJUSTMENTS:		
	A. Generating Performance Incentive Reward / (Penalty)	$	(8,613,797)
	B. True-Up (Over) / Under Recovery	$	(78,731,032)
2.	JURISDICTIONAL mWh SALES	mWh	37,922,190
3.	ADJUSTMENT FACTORS:		
	A. Generating Performance Incentive Factor	Cents/kWh	(0.023)
	B. True-Up Factor	Cents/kWh	(0.208)

Duke Energy Florida
Calculation of Levelized Fuel Adjustment Factors
Estimated for the Period of : January through December 2016

1.	Period Jurisdictional Fuel Cost (Schedule E-1, line 22)	$	1,480,800,063	
1a.	Prior Period True-up (E1, Line 23)	$	(78,731,032)	
2.	Regulatory Assessment Fee (E1, Line 25)	$	1,009,490	
3.	Generating Performance Incentive Factor (GPIF) (E1, Line 27)	$	(8,613,797)	
4.	Total amount to be Recovered	$	1,394,464,724	
5.	Jurisdictional Sales (January - December 2015)		37,922,190	mWh
6.	Jurisdictional Cost per kWh Sold (Line 4 / Line 5 / 10)		3.677	Cents/kWh
7.	Effective Jurisdictional Sales (See Below)		37,874,455	mWh

LEVELIZED FUEL FACTORS (excl RS-1, RST-1, RSL-1, RSL-2, RSS-1, GS-1, GST-1 & GS-2):

8.	Fuel Factor at Secondary Metering (Line 4 / Line 7 / 10)	3.682	Cents/kWh
9.	Fuel Factor at Primary Metering	3.645	Cents/kWh
10.	Fuel Factor at Transmission Metering	3.608	Cents/kWh

LEVELIZED FUEL FACTORS (only RS-1, RST-1, RSL-1, RSL-2 & RSS-1):

11.	2013 Settlement Agreement Refund (per Order No. PSC-13-0598-FOF-EI)*	$	(9,400,000)	
12.	Interest Amortization on Settlement Agreement Refund*	$	(18,019)	
13.	Applicable Jurisdictional Sales at Secondary Metering**		19,482,925	mWh
14.	Fuel Factor at Secondary Metering Rate Adjustment (Line 11 + Line 12 / Line 13 / 10)		(0.048)	Cents/kWh
15.	Fuel Factor at Secondary Metering (Line 8 + Line 14)		3.634	Cents/kWh

LEVELIZED FUEL FACTORS (only GS-1, GST-1 & GS-2):

16.	2013 Settlement Agreement Refund (per Order No. PSC-13-0598-FOF-EI)*	$	(600,000)	
17.	Interest Amortization on Settlement Agreement Refund*	$	(1,150)	
18.	Applicable Jurisdictional Sales at Secondary Metering**		1,721,363	mWh
19.	Fuel Factor at Secondary Metering Rate Adjustment (Line 16 + Line 17 / Line 18 / 10)		(0.035)	Cents/kWh
20.	Fuel Factor at Secondary Metering (Line 8 + Line 19)		3.647	Cents/kWh
21.	Fuel Factor at Primary Metering		3.611	Cents/kWh
22.	Fuel Factor at Transmission Metering		3.574	Cents/kWh

TIERED FUEL FACTORS:

23.	Fuel Factor - First Tier (0-1000 kWh)	3.353	Cents/kWh
24.	Fuel Factor - Second Tier (Over 1000 kWh)	4.353	Cents/kWh

* The 2013 Settlement Agreement refunds and associated interest included on lines 11-12 and 16-17 are included in paragraph 6 of the 2013 RRSSA

** Applicable Jurisdictional Sales at Secondary Metering utilized in the calculation of the 2013 Settlement Agreement Refund Fuel Factor Adjustment (lines 13 & 18) are a subset of the Effective Jurisdictional Sales reported above on line 7.

	JURISDICTIONAL SALES (mWh)	
METERING VOLTAGE:	METER	SECONDARY
Distribution Secondary	33,486,541	33,486,541
Distribution Primary	4,097,574	4,056,598
Transmission	338,077	331,315
Total	37,922,192	37,874,455

Duke Energy Florida
Calculation of Final Fuel Cost Factors
Estimated for the Period of : January through December 2016

Line:	Metering Voltage	First Tier Factor Cents/kWh	Second Tier Factor Cents/kWh	Levelized Factors Cents/kWh	----------Time of Use---------- On-Peak Multiplier 1.347	Off-Peak Multiplier 0.841
	FUEL FACTORS (excl RS-1, RST-1, RSL-1, RSL-2, RSS-1, GS-1, GST-1 & GS-2):					
1.	Distribution Secondary	--	--	3.682	4.960	3.097
2.	Distribution Primary	--	--	3.645	4.910	3.065
3.	Transmission	--	--	3.608	4.860	3.034
4.	Lighting Service	--	--	3.445	--	--
	Line 4 calculated at secondary rate of 3.682 * (18.7% * On-Peak Multiplier 1.347 + 81.3% * Off-Peak Multiplier 0.841).					
	FUEL FACTORS (only RS-1, RST-1, RSL-1, RSL-2 & RSS-1):					
5.	Distribution Secondary	3.353	4.353	3.634	4.895	3.056
	FUEL FACTORS (only GS-1, GST-1 & GS-2):					
6.	Distribution Secondary	--	--	3.647	4.913	3.067
7.	Distribution Primary	--	--	3.611	4.864	3.037
8.	Transmission	--	--	3.574	4.814	3.006

DEVELOPMENT OF TIME OF USE MULTIPLIERS

	ON-PEAK PERIOD			OFF-PEAK PERIOD			TOTAL		
Mo/Yr	System mWh Requirements	Marginal Cost	Average Marginal Cost (¢/kWh)	System mWh Requirements	Marginal Cost	Average Marginal Cost (¢/kWh)	System mWh Requirements	Marginal Cost	Average Marginal Cost (¢/kWh)
Jan-16	796,939	25,857,235	3.245	2,406,386	66,812,415	2.776	3,203,325	92,669,649	2.893
Feb-16	770,139	25,701,963	3.337	2,163,223	61,868,642	2.860	2,933,362	87,570,605	2.985
Mar-16	817,553	26,459,782	3.236	2,218,735	66,864,473	3.014	3,036,288	93,324,254	3.074
Apr-16	1,042,945	43,801,892	4.200	2,050,490	54,236,979	2.645	3,093,435	98,038,872	3.169
May-16	1,300,463	70,342,318	5.409	2,398,650	67,602,424	2.818	3,699,113	137,944,742	3.729
Jun-16	1,442,799	75,455,216	5.230	2,641,475	76,017,392	2.878	4,084,274	151,472,609	3.709
Jul-16	1,398,848	78,548,643	5.615	2,888,750	89,849,344	3.110	4,287,598	168,397,987	3.928
Aug-16	1,569,485	89,934,029	5.730	2,785,959	83,533,227	2.998	4,355,444	173,467,257	3.983
Sep-16	1,410,640	79,567,495	5.641	2,613,272	81,631,075	3.124	4,023,913	161,198,570	4.006
Oct-16	1,147,956	55,244,225	4.812	2,380,085	73,642,672	3.094	3,528,040	128,886,897	3.653
Nov-16	788,686	24,443,299	3.099	2,141,576	60,753,378	2.837	2,930,262	85,196,678	2.907
Dec-16	851,694	29,061,267	3.412	2,360,812	65,958,451	2.794	3,212,506	95,019,718	2.958
TOTAL	13,338,147	624,417,366	4.681	29,049,413	848,770,472	2.922	42,387,560	1,473,187,838	3.476

MARGINAL FUEL COST	ON-PEAK	OFF-PEAK	AVERAGE
WEIGHTING MULTIPLIER	1.347	0.841	1.000

Duke Energy Florida
Development of Jurisdictional Delivery Loss Multipliers
Based on Actual Twelve Months Ending December 31, 2014
Estimated for the Period of : January through December 2016

		Energy Delivered @ Billing Level							
		Billed MWH	Unbilled MWH	Total MWH	% of Total	Delivery Efficiency	Energy Required @ Source Level	% of Total	Jurisdictional Loss Multiplier
Retail									
Transmission		331,188	300	331,488		0.9866343	335,978		
Distribution Primary		4,056,359	3,672	4,060,031		0.9766343	4,157,166		
Distribution Secondary		32,852,553	29,785	32,882,338		0.9463589	34,746,160		
Total Retail		37,240,099	33,757	37,273,856	98.90%	0.9499112	39,239,304	98.95%	1.00052
						5.01%			
Wholesale									
Generation Level		357,487	(11,744)	345,743		1.0000000	345,743		
Transmission		44,525	(2,278)	42,247		0.9866343	42,819		
Distribution Primary		27,986	30	28,016		0.9766343	28,686		
Distribution Secondary		-	-	-			-		
Total Wholesale		429,997	(13,992)	416,005	1.10%	0.9970220	417,248	1.05%	0.95325
						0.30%			
Subtotal Class		37,670,096	19,765	37,689,861	100.00%	0.9504069	39,656,552	100.00%	1.00000
						4.96%			
Non-Class									
SEPA	Transmission	37,968	-	37,968		0.9866343	38,483		
Homestead - Base	Generation	161,643	(8,082)	153,561		1.0000000	153,561		
SECI - Base	Generation	378,600	(19,797)	358,803		1.0000000	358,803		
SECI - Intermediate	Generation	25,775	(1,348)	24,427		1.0000000	24,427		
SECI - Peaking	Generation	150	(8)	142		1.0000000	142		
Homestead - Intermediate	Generation	25,412	(1,271)	24,141		1.0000000	24,141		
Reedy Creek - Base	Generation	147,554	(7,377)	140,177		1.0000000	140,177		
Reedy Creek - Intermediate	Generation	122,360	(6,118)	116,242		1.0000000	116,242		
NSB - Peaking	Generation	5,545	(277)	5,268		1.0000000	5,268		
Tallahassee - Base	Transmission	-	-	-		0.9866343	-		
Gainesville - Base	Generation	4,341	(217)	4,124		1.0000000	4,124		
Interchange	Generation	140,515	-	140,515		1.0000000	140,515		
Company Use	Secondary	171,135	-	171,135		0.9463589	180,835		
Total Non-Class		1,220,998	(44,495)	1,176,503			1,186,717		
Total System		38,891,094	(24,730)	38,866,364		0.951598	40,843,269		

Duke Energy Florida
Fuel and Purchased Power Cost Recovery Clause
Estimated for the Period of : January through December 2016

			Estimated Jan-16	Estimated Feb-16	Estimated Mar-16	Estimated Apr-16	Estimated May-16	Estimated Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	TOTAL
1	Fuel Cost of System Net Generation		$104,197,598	$94,012,899	$92,347,040	$96,565,679	$112,911,473	$119,285,531	$124,603,691	$125,034,866	$111,779,079	$105,092,731	$88,669,821	$99,995,025	$1,274,495,433
1a	Nuclear Fuel Disposal Cost		0	0	0	0	0	0	0	0	0	0	0	0	0
1b	Adjustments to Fuel Cost		(5,038,480)	(5,043,038)	(5,033,427)	(5,029,895)	(5,034,437)	(5,033,932)	(5,083,397)	(5,090,100)	(5,081,852)	(5,084,427)	(5,092,166)	(5,071,067)	(60,716,217)
2	Fuel Cost of Power Sold		(723,970)	(498,662)	(440,980)	(440,282)	(435,480)	(157,945)	(585,146)	(399,318)	(9,922)	(172,273)	(182,153)	(30,532)	(4,076,663)
2a	Gains on Power Sales		(162,536)	(111,954)	(99,003)	(98,846)	(97,769)	(35,461)	(131,370)	(89,650)	(2,227)	(38,677)	(40,894)	(6,855)	(915,242)
2b	Fuel Cost of Stratified Sales		(1,486,657)	(1,502,064)	(1,072,428)	(1,550,911)	(2,051,683)	(2,543,770)	(1,919,000)	(2,070,388)	(2,197,505)	(1,868,019)	(1,522,485)	(963,933)	(20,748,843)
3	Fuel Cost of Purchased Power (Excl Economy)		4,828,500	6,894,029	10,990,393	7,827,769	13,333,630	15,235,771	18,370,247	20,241,027	24,207,366	15,430,913	7,053,264	5,535,517	149,948,426
3a	Energy Payments to Qualifying Facilities		13,105,970	12,235,344	12,774,575	11,802,257	12,728,879	12,334,193	12,775,760	12,780,750	12,375,046	10,131,953	12,448,988	13,122,261	148,615,976
4	Energy Cost of Economy Purchases		284,678	250,788	458,660	503,525	1,005,625	1,024,381	782,977	894,894	1,908,092	1,104,146	554,128	313,543	9,085,437
5	Total System Fuel & Net Power Transactions		$115,005,103	$106,237,343	$109,924,831	$109,579,297	$132,360,238	$140,108,768	$148,813,762	$151,302,080	$142,978,077	$124,596,347	$101,888,503	$112,893,959	$1,495,688,307
6	Jurisdictional mWh Sold		2,825,331	2,771,409	2,678,644	2,804,352	2,877,535	3,431,289	3,725,640	3,758,468	3,964,100	3,520,478	2,897,712	2,667,233	37,922,190
7	Jurisdictional % of Total Sales		99.39%	99.30%	99.49%	99.56%	99.47%	99.48%	98.51%	98.38%	98.54%	98.49%	98.34%	98.75%	98.93%
8	Jurisdicitonal Fuel & Net Power Transactions		114,303,572	105,493,682	109,364,214	109,097,148	131,658,729	139,380,203	146,596,437	148,850,987	140,890,597	122,714,942	100,197,153	111,482,784	1,480,030,447
9	Jurisdictional Loss Multiplier		1.00052	1.00052	1.00052	1.00052	1.00052	1.00052	1.00052	1.00052	1.00052	1.00052	1.00052	1.00052	1.00052
10	Jurisdictional Fuel & Net Power Transactions		114,363,010	105,548,538	109,421,083	109,153,878	131,727,191	139,452,681	146,672,668	148,928,389	140,963,860	122,778,754	100,249,256	111,540,755	1,480,800,063
11	Adjusted System Sales	mWh	2,842,550	2,790,901	2,692,304	2,816,820	2,892,847	3,449,292	3,781,816	3,820,368	4,022,771	3,574,622	2,946,658	2,700,890	38,331,838
12	System Cost per kWh Sold	c/kWh	4.0459	3.8065	4.0829	3.8902	4.5754	4.0620	3.9350	3.9604	3.5542	3.4856	3.4578	4.1799	3.9019
13	Jurisdictional Loss Multiplier	x	1.00052	1.00052	1.00052	1.00052	1.00052	1.00052	1.00052	1.00052	1.00052	1.00052	1.00052	1.00052	1.00052
14	Jurisdictional Cost per kWh Sold	c/kWh	4.0478	3.8085	4.0849	3.8923	4.5778	4.0641	3.9368	3.9625	3.5560	3.4876	3.4596	4.1819	3.9048
15	Prior Period True-Up	+	-0.2322	-0.2367	-0.2449	-0.2340	-0.2280	-0.1912	-0.1761	-0.1746	-0.1655	-0.1864	-0.2264	-0.2460	-0.2076
16	Total Jurisdictional Fuel Expense	c/kWh	3.8156	3.5717	3.8400	3.6584	4.3498	3.8729	3.7607	3.7879	3.3905	3.3012	3.2332	3.9359	3.6972
17	Revenue Tax Multiplier	x	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
18	Recovery Factor Adjusted for Taxes	c/kWh	3.8183	3.5743	3.8428	3.6610	4.3529	3.8757	3.7635	3.7906	3.3929	3.3036	3.2355	3.9387	3.6999
19	GPIF	+	-0.0254	-0.0259	-0.0268	-0.0256	-0.0249	-0.0209	-0.0193	-0.0191	-0.0181	-0.0204	-0.0248	-0.0269	-0.0227
20	Total Recovery Factor (rounded .001)	c/kWh	3.793	3.548	3.816	3.635	4.328	3.855	3.744	3.772	3.375	3.283	3.211	3.912	3.677

Duke Energy Florida

Generating System Comparative Data by Fuel Type

Estimated for the Period of : January through December 2016

			Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Subtotal
	FUEL COST OF SYSTEM NET GENERATION ($)								
1	HEAVY OIL		0	0	0	0	0	0	0
2	LIGHT OIL		352,749	217,620	254,868	199,127	148,468	102,107	1,274,939
3	COAL		30,571,838	29,239,632	25,037,990	29,524,604	31,868,005	32,327,748	178,569,817
4	GAS		73,273,011	64,555,647	67,054,182	66,841,948	80,895,000	86,855,676	439,475,464
5	NUCLEAR		0	0	0	0	0	0	0
6	OTHER		0	0	0	0	0	0	0
7	TOTAL	$	104,197,598	94,012,899	92,347,040	96,565,679	112,911,473	119,285,531	619,320,220
	SYSTEM NET GENERATION (MWH)								
8	HEAVY OIL		0	0	0	0	0	0	0
9	LIGHT OIL		383	0	65	72	6	19	545
10	COAL		814,609	777,071	640,112	761,420	822,553	834,687	4,650,452
11	GAS		2,012,593	1,736,181	1,844,056	1,874,538	2,253,409	2,562,104	12,282,881
12	NUCLEAR		0	0	0	0	0	0	0
13	OTHER		0	0	0	0	0	0	0
14	TOTAL	MWH	2,827,585	2,513,252	2,484,233	2,636,030	3,075,968	3,396,810	16,933,878
	UNITS OF FUEL BURNED								
15	HEAVY OIL	BBL	0	0	0	0	0	0	0
16	LIGHT OIL	BBL	3,517	2,227	2,452	1,968	1,451	842	12,457
17	COAL	TON	369,371	352,071	292,240	356,790	384,161	389,134	2,143,767
18	GAS	MCF	14,790,513	12,822,520	13,745,595	14,027,028	17,259,280	19,473,164	92,118,100
19	NUCLEAR	MMBTU	0	0	0	0	0	0	0
20	OTHER		0	0	0	0	0	0	0
	BTUS BURNED (MMBTU)								
21	HEAVY OIL		0	0	0	0	0	0	0
22	LIGHT OIL		20,386	12,910	14,209	11,408	8,416	4,889	72,218
23	COAL		8,539,000	8,125,742	6,753,670	8,206,315	8,828,067	8,932,600	49,385,394
24	GAS		14,790,513	12,822,520	13,745,595	14,027,028	17,259,280	19,473,164	92,118,100
25	NUCLEAR		0	0	0	0	0	0	0
26	OTHER		0	0	0	0	0	0	0
27	TOTAL	MMBTU	23,349,899	20,961,172	20,513,474	22,244,751	26,095,763	28,410,653	141,575,712
	GENERATION MIX (% MWH)								
28	HEAVY OIL		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
29	LIGHT OIL		0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
30	COAL		28.81%	30.92%	25.77%	28.89%	26.74%	24.57%	27.46%
31	GAS		71.18%	69.08%	74.23%	71.11%	73.26%	75.43%	72.53%
32	NUCLEAR		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
33	OTHER		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34	TOTAL	%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	FUEL COST PER UNIT								
35	HEAVY OIL	$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	LIGHT OIL	$/BBL	100.30	97.72	103.94	101.18	102.32	121.27	102.35
37	COAL	$/TON	82.77	83.05	85.68	82.75	82.95	83.08	83.30
38	GAS	$/MCF	4.95	5.03	4.88	4.77	4.69	4.46	4.77
39	NUCLEAR	$/MMBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FUEL COST PER MMBTU ($/MMBTU)								
41	HEAVY OIL		0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	LIGHT OIL		17.30	16.86	17.94	17.46	17.64	20.89	17.65
43	COAL		3.58	3.60	3.71	3.60	3.61	3.62	3.62
44	GAS		4.95	5.04	4.88	4.77	4.69	4.46	4.77
45	NUCLEAR		0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
47	TOTAL	$/MMBTU	4.46	4.49	4.50	4.34	4.33	4.20	4.37
	BTU BURNED PER KWH (BTU/KWH)								
48	HEAVY OIL		0	0	0	0	0	0	0
49	LIGHT OIL		53,227	0	218,600	158,444	1,402,667	257,316	132,510
50	COAL		10,482	10,457	10,551	10,778	10,733	10,702	10,619
51	GAS		7,349	7,385	7,454	7,483	7,659	7,600	7,500
52	NUCLEAR		0	0	0	0	0	0	0
53	OTHER		0	0	0	0	0	0	0
54	TOTAL	BTU/KWH	8,258	8,340	8,257	8,439	8,484	8,364	8,361
	GENERATED FUEL COST PER KWH (C/KWH)								
55	HEAVY OIL		0.00	0.00	0.00	0.00	0.00	0.00	0.00
56	LIGHT OIL		92.10	0.00	392.10	276.57	2474.47	537.41	233.93
57	COAL		3.75	3.76	3.91	3.88	3.87	3.87	3.84
58	GAS		3.64	3.72	3.64	3.57	3.59	3.39	3.58
59	NUCLEAR		0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	TOTAL	C/KWH	3.69	3.74	3.72	3.66	3.67	3.51	3.66

Duke Energy Florida

Generating System Comparative Data by Fuel Type

Estimated for the Period of : January through December 2016

			Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Total
	FUEL COST OF SYSTEM NET GENERATION ($)								
1	HEAVY OIL		0	0	0	0	0	0	0
2	LIGHT OIL		132,958	310,558	277,937	328,441	280,385	141,778	2,746,996
3	COAL		33,285,893	33,278,495	33,776,399	33,202,719	28,719,240	32,006,969	372,839,532
4	GAS		91,184,840	91,445,813	77,724,743	71,561,571	59,670,196	67,846,278	898,908,905
5	NUCLEAR		0	0	0	0	0	0	0
6	OTHER		0	0	0	0	0	0	0
7	TOTAL	$	124,603,691	125,034,866	111,779,079	105,092,731	88,669,821	99,995,025	1,274,495,433
	SYSTEM NET GENERATION (MWH)								
8	HEAVY OIL		0	0	0	0	0	0	0
9	LIGHT OIL		15	239	369	81	20	6	1,275
10	COAL		859,143	857,685	873,607	861,269	747,160	842,366	9,691,682
11	GAS		2,690,559	2,703,605	2,240,768	2,030,646	1,720,320	1,932,134	25,600,913
12	NUCLEAR		0	0	0	0	0	0	0
13	OTHER		0	0	0	0	0	0	0
14	TOTAL	MWH	3,549,717	3,561,529	3,114,744	2,891,996	2,467,500	2,774,506	35,293,870
	UNITS OF FUEL BURNED								
15	HEAVY OIL	BBL	0	0	0	0	0	0	0
16	LIGHT OIL	BBL	1,271	3,043	2,663	3,228	2,852	1,363	26,877
17	COAL	TON	400,348	399,562	405,554	400,941	344,797	386,721	4,481,690
18	GAS	MCF	20,542,236	20,676,707	17,202,882	15,724,533	12,569,046	14,253,627	193,087,131
19	NUCLEAR	MMBTU	0	0	0	0	0	0	0
20	OTHER		0	0	0	0	0	0	0
	BTUS BURNED (MMBTU)								
21	HEAVY OIL		0	0	0	0	0	0	0
22	LIGHT OIL		7,369	17,642	15,442	18,714	16,531	7,902	155,818
23	COAL		9,179,648	9,152,595	9,280,495	9,161,102	7,872,877	8,821,216	102,853,327
24	GAS		20,542,236	20,676,707	17,202,882	15,724,533	12,569,046	14,253,627	193,087,131
25	NUCLEAR		0	0	0	0	0	0	0
26	OTHER		0	0	0	0	0	0	0
27	TOTAL	MMBTU	29,729,253	29,846,944	26,498,819	24,904,349	20,458,454	23,082,745	296,096,276
	GENERATION MIX (% MWH)								
28	HEAVY OIL		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
29	LIGHT OIL		0.00%	0.01%	0.01%	0.00%	0.00%	0.00%	0.00%
30	COAL		24.20%	24.08%	28.05%	29.78%	30.28%	30.36%	27.46%
31	GAS		75.80%	75.91%	71.94%	70.22%	69.72%	69.64%	72.54%
32	NUCLEAR		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
33	OTHER		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34	TOTAL	%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
	FUEL COST PER UNIT								
35	HEAVY OIL	$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	LIGHT OIL	$/BBL	104.61	102.06	104.37	101.75	98.31	104.02	102.21
37	COAL	$/TON	83.14	83.29	83.28	82.81	83.29	82.77	83.19
38	GAS	$/MCF	4.44	4.42	4.52	4.55	4.75	4.76	4.66
39	NUCLEAR	$/MMBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FUEL COST PER MMBTU ($/MMBTU)								
41	HEAVY OIL		0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	LIGHT OIL		18.04	17.60	18.00	17.55	16.96	17.94	17.63
43	COAL		3.63	3.64	3.64	3.62	3.65	3.63	3.63
44	GAS		4.44	4.42	4.52	4.55	4.75	4.76	4.66
45	NUCLEAR		0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
47	TOTAL	$/MMBTU	4.19	4.19	4.22	4.22	4.33	4.33	4.30
	BTU BURNED PER KWH (BTU/KWH)								
48	HEAVY OIL		0	0	0	0	0	0	0
49	LIGHT OIL		491,267	73,816	41,848	231,037	826,550	1,317,000	122,210
50	COAL		10,685	10,671	10,623	10,637	10,537	10,472	10,613
51	GAS		7,635	7,648	7,677	7,744	7,306	7,377	7,542
52	NUCLEAR		0	0	0	0	0	0	0
53	OTHER		0	0	0	0	0	0	0
54	TOTAL	BTU/KWH	8,375	8,380	8,508	8,611	8,291	8,320	8,389
	GENERATED FUEL COST PER KWH (C/KWH)								
55	HEAVY OIL		0.00	0.00	0.00	0.00	0.00	0.00	0.00
56	LIGHT OIL		886.39	129.94	75.32	405.48	1401.93	2362.97	215.45
57	COAL		3.87	3.88	3.87	3.86	3.84	3.80	3.85
58	GAS		3.39	3.38	3.47	3.52	3.47	3.51	3.51
59	NUCLEAR		0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	TOTAL	C/KWH	3.51	3.51	3.59	3.63	3.59	3.60	3.61

Duke Energy Florida
System Net Generation and Fuel Cost
Estimated for the Period of: Jan-16

	(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		(J)	(K)	(L)	(M)
	PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)		FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYS RIV NUC	3	0	0	0.0	0.00	0.0	0	NUCLEAR	0	MMBTU	0.00	0	0	0.00
2	CRYSTAL RIVER	1	376	0	0.0	93.55	0.0	0	COAL	0	TONS	0.00	0	165,147	0.00
3	CRYSTAL RIVER	2	500	90,457	24.3	57.16	25.6	11,444	COAL	43,762	TONS	23.65	1,035,159	4,098,751	4.53
4	CRYSTAL RIVER	4	732	342,308	62.9	92.58	67.9	10,437	COAL	155,029	TONS	23.05	3,572,730	12,542,769	3.66
5	CRYSTAL RIVER	5	712	381,844	72.1	95.81	75.2	10,295	COAL	170,580	TONS	23.05	3,931,111	13,765,171	3.60
6	ANCLOTE	1	517	0	0.0	94.97	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
7	ANCLOTE	2	521	0	0.0	97.55	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
8	SUWANNEE	1	30	0	0.0	96.13	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
9	SUWANNEE	2	30	0	0.0	98.06	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
10	SUWANNEE	3	73	0	0.0	49.03	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
11	ANCLOTE	1	517	13,752	3.6	94.97	49.3	10,430	GAS	143,427	MCF	1.00	143,427	1,174,608	8.54
12	ANCLOTE	2	521	90,461	23.3	97.55	23.8	10,823	GAS	979,034	MCF	1.00	979,034	4,400,051	4.86
13	AVON PARK	1-2	69	70	0.1	93.06	50.7	15,443	GAS	1,081	MCF	1.00	1,081	6,565	9.38
14	BARTOW	1-4	228	276	0.2	91.13	24.8	13,199	GAS	3,643	MCF	1.00	3,643	18,159	6.58
15	BARTOW CC	1	1279	789,780	83.0	98.06	84.6	7,097	GAS	5,604,984	MCF	1.00	5,604,984	27,836,938	3.52
16	DEBARY	1-10	785	751	0.1	96.23	12.7	12,379	GAS	9,297	MCF	1.00	9,297	46,174	6.15
17	HIGGINS	1-4	129	126	0.1	93.79	24.4	15,817	GAS	1,993	MCF	1.00	1,993	9,898	7.86
18	HINES CC	1-4	2,204	1,034,801	63.1	83.50	23.1	6,993	GAS	7,236,649	MCF	1.00	7,236,649	35,940,539	3.47
19	INT CITY	1-14	1,186	2,348	0.3	94.06	8.5	12,316	GAS	28,919	MCF	1.00	28,919	143,626	6.12
20	SUWANNEE	1	67	295	0.6	97.74	0.0	12,203	GAS	3,600	MCF	1.00	3,600	129,309	43.83
21	SUWANNEE	2	66	173	0.4	100.00	32.8	15,821	GAS	2,737	MCF	1.00	2,737	119,558	69.11
22	SUWANNEE	3	67	24,527	49.2	99.35	50.5	12,097	GAS	296,709	MCF	1.00	296,709	1,258,455	5.13
23	TIGER BAY CC	1	225	20,903	12.5	84.52	101.0	7,401	GAS	154,706	MCF	1.00	154,706	768,341	3.68
24	UNIV OF FLA. CC	1	47	34,330	98.2	96.13	102.2	9,430	GAS	323,734	MCF	1.00	323,734	1,420,790	4.14
25	AVON PARK	1-2	69	0	0.0	93.06	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
26	BARTOW	1-4	228	7	0.2	91.13	0.0	15,000	LIGHT OIL	18	BBLS	5.83	105	1,771	25.30
27	BAYBORO	1-4	231	30	0.0	93.87	0.0	13,067	LIGHT OIL	67	BBLS	5.85	392	6,538	21.79
28	DEBARY	1-10	785	48	0.1	96.23	101.8	14,333	LIGHT OIL	119	BBLS	5.78	688	18,210	37.94
29	HIGGINS	1-4	129	0	0.0	93.79	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
30	OTHER		0	0	0.0	0.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
31	INT CITY	1-14	1,186	258	0.3	94.06	36.6	13,329	LIGHT OIL	594	BBLS	5.79	3,439	66,167	25.65
32	RIO PINAR	1	16	0	0.0	96.77	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
33	SUWANNEE	1-3	200	40	0.0	99.03	2.0	12,675	LIGHT OIL	87	BBLS	5.83	507	21,647	54.12
34	TURNER	1-4	199	0	0.0	70.73	0.0	0	LIGHT OIL	0	BBLS	0.00	0	1,598	0.00
35	OTHER & START UP		-	0	-	0.00	0.0	0	LIGHT OIL	2,632	BBLS	5.80	15,255	236,818	0.00
36	TOTAL			2,827,585									23,349,899	104,197,598	3.69

Duke Energy Florida
System Net Generation and Fuel Cost
Estimated for the Period of: Feb-16

	(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		(J)	(K)	(L)	(M)
	PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)		FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYS RIV NUC	3	0	0	0.0	0.00	0.0	0	NUCLEAR	0	MMBTU	0.00	0	0	0.00
2	CRYSTAL RIVER	1	376	7,546	2.9	91.03	28.3	11,140	COAL	3,565	TONS	23.58	84,063	488,403	6.47
3	CRYSTAL RIVER	2	500	90,267	25.9	95.91	26.5	11,383	COAL	43,570	TONS	23.58	1,027,471	4,116,184	4.56
4	CRYSTAL RIVER	4	732	298,525	58.6	90.77	72.1	10,397	COAL	134,932	TONS	23.00	3,103,739	10,941,846	3.67
5	CRYSTAL RIVER	5	712	380,733	76.8	97.93	78.4	10,271	COAL	170,004	TONS	23.00	3,910,469	13,693,199	3.60
6	ANCLOTE	1	517	0	0.0	97.10	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
7	ANCLOTE	2	521	0	0.0	98.30	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
8	SUWANNEE	1	30	0	0.0	97.93	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
9	SUWANNEE	2	30	0	0.0	93.79	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
10	SUWANNEE	3	73	0	0.0	97.93	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
11	ANCLOTE	1	517	12,370	3.4	97.10	49.8	10,428	GAS	128,997	MCF	1.00	128,997	1,227,718	9.92
12	ANCLOTE	2	521	106,103	29.3	98.30	29.6	10,526	GAS	1,116,850	MCF	1.00	1,116,850	5,062,563	4.77
13	AVON PARK	1-2	69	0	0.0	93.97	0.0	0	GAS	0	MCF	0.00	0	0	0.00
14	BARTOW	1-4	228	23	0.0	89.66	0.0	13,435	GAS	309	MCF	1.00	309	1,692	7.36
15	BARTOW CC	1	1279	555,470	62.4	92.90	66.5	7,098	GAS	3,942,548	MCF	1.00	3,942,548	19,905,924	3.58
16	DEBARY	1-10	785	499	0.1	96.38	10.6	12,477	GAS	6,226	MCF	1.00	6,226	31,435	6.30
17	HIGGINS	1-4	129	4	0.0	94.66	0.0	14,250	GAS	57	MCF	1.00	57	289	7.23
18	HINES CC	1-4	2,204	985,676	64.3	96.95	22.9	6,983	GAS	6,882,962	MCF	1.00	6,882,962	34,752,075	3.53
19	INT CITY	1-14	1,186	1,437	0.2	93.69	8.1	12,442	GAS	17,879	MCF	1.00	17,879	94,569	6.58
20	SUWANNEE	1	67	80	0.2	97.24	0.0	12,338	GAS	987	MCF	1.00	987	114,208	142.76
21	SUWANNEE	2	66	0	0.0	99.31	0.0	0	GAS	0	MCF	0.00	0	117,462	0.00
22	SUWANNEE	3	67	22,870	49.0	100.00	50.1	12,067	GAS	275,969	MCF	1.00	275,969	1,179,432	5.16
23	TIGER BAY CC	1	225	18,587	11.9	88.97	100.7	7,432	GAS	138,134	MCF	1.00	138,134	697,439	3.75
24	UNIV OF FLA. CC	1	47	33,062	101.1	98.97	102.1	9,425	GAS	311,602	MCF	1.00	311,602	1,370,841	4.15
25	AVON PARK	1-2	69	0	0.0	93.97	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
26	BARTOW	1-4	228	0	0.0	89.66	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
27	BAYBORO	1-4	231	0	0.0	92.67	0.0	0	LIGHT OIL	0	BBLS	0.00	0	172	0.00
28	DEBARY	1-10	785	0	0.0	96.38	0.0	0	LIGHT OIL	0	BBLS	0.00	0	7,448	0.00
29	HIGGINS	1-4	129	0	0.0	94.66	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
30	OTHER		0	0	0.0	0.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
31	INT CITY	1-14	1,186	0	0.0	93.69	0.0	0	LIGHT OIL	0	BBLS	0.00	0	6,450	0.00
32	RIO PINAR	1	16	0	0.0	97.59	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
33	SUWANNEE	1-3	200	0	0.0	98.85	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
34	TURNER	1-4	199	0	0.0	70.86	0.0	0	LIGHT OIL	0	BBLS	0.00	0	1,598	0.00
35	OTHER & START UP		-	0	-	0.00	0.0	0	LIGHT OIL	2,227	BBLS	5.80	12,910	201,952	0.00
36	TOTAL			2,513,252									20,961,172	94,012,899	3.74

Duke Energy Florida
System Net Generation and Fuel Cost
Estimated for the Period of: Mar-16

	(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		(J)	(K)	(L)	(M)
	PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)		FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYS RIV NUC	3	0	0	0.0	0.00	0.0	0	NUCLEAR	0	MMBTU	0.00	0	0	0.00
2	CRYSTAL RIVER	1	376	62,807	22.5	94.84	29.4	11,090	COAL	29,627	TONS	23.51	696,513	2,893,040	4.61
3	CRYSTAL RIVER	2	500	101,953	27.4	96.60	27.9	11,287	COAL	48,949	TONS	23.51	1,150,762	4,672,106	4.58
4	CRYSTAL RIVER	4	732	72,691	13.3	88.55	72.5	10,407	COAL	32,943	TONS	22.96	756,475	2,940,588	4.05
5	CRYSTAL RIVER	5	712	402,661	76.0	99.03	76.7	10,306	COAL	180,721	TONS	22.96	4,149,920	14,532,256	3.61
6	ANCLOTE	1	517	0	0.0	97.98	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
7	ANCLOTE	2	521	0	0.0	97.90	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
8	SUWANNEE	1	30	0	0.0	100.00	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
9	SUWANNEE	2	30	0	0.0	99.03	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
10	SUWANNEE	3	73	0	0.0	94.84	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
11	ANCLOTE	1	517	12,343	3.2	97.98	46.8	10,375	GAS	128,057	MCF	1.00	128,057	1,397,463	11.32
12	ANCLOTE	2	521	145,395	37.5	97.90	37.9	10,278	GAS	1,494,334	MCF	1.00	1,494,334	6,523,734	4.49
13	AVON PARK	1-2	69	11	0.0	91.61	0.0	14,545	GAS	160	MCF	1.00	160	962	8.75
14	BARTOW	1-4	228	92	0.1	90.00	20.2	13,163	GAS	1,211	MCF	1.00	1,211	6,045	6.57
15	BARTOW CC	1	1279	539,304	56.7	69.95	60.2	7,130	GAS	3,845,369	MCF	1.00	3,845,369	18,774,714	3.48
16	DEBARY	1-10	785	607	0.1	96.32	12.9	12,445	GAS	7,554	MCF	1.00	7,554	36,882	6.08
17	HIGGINS	1-4	129	47	0.0	93.47	36.4	16,574	GAS	779	MCF	1.00	779	3,802	8.09
18	HINES CC	1-4	2,204	1,062,896	64.8	87.93	21.1	7,031	GAS	7,473,545	MCF	1.00	7,473,545	36,489,001	3.43
19	INT CITY	1-14	1,186	1,680	0.2	92.71	8.1	12,347	GAS	20,743	MCF	1.00	20,743	101,277	6.03
20	SUWANNEE	1	67	299	0.6	95.81	446.3	12,475	GAS	3,730	MCF	1.00	3,730	125,612	42.01
21	SUWANNEE	2	66	27	0.1	99.68	40.9	15,407	GAS	416	MCF	1.00	416	109,025	403.80
22	SUWANNEE	3	67	23,563	47.3	100.00	49.8	12,070	GAS	284,407	MCF	1.00	284,407	1,176,456	4.99
23	TIGER BAY CC	1	225	29,222	17.5	87.42	99.9	7,393	GAS	216,026	MCF	1.00	216,026	1,054,730	3.61
24	UNIV OF FLA. CC	1	47	28,570	81.7	99.20	102.2	9,425	GAS	269,264	MCF	1.00	269,264	1,254,479	4.39
25	AVON PARK	1-2	69	0	0.0	91.61	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
26	BARTOW	1-4	228	0	0.0	90.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
27	BAYBORO	1-4	231	0	0.0	94.35	0.0	0	LIGHT OIL	0	BBLS	0.00	0	172	0.00
28	DEBARY	1-10	785	0	0.0	96.32	0.0	0	LIGHT OIL	0	BBLS	0.00	0	7,448	0.00
29	HIGGINS	1-4	129	0	0.0	93.47	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
30	OTHER		0	0	0.0	0.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
31	INT CITY	1-14	1,186	56	0.2	92.71	0.0	12,304	LIGHT OIL	119	BBLS	5.79	689	21,870	39.05
32	RIO PINAR	1	16	0	0.0	96.77	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
33	SUWANNEE	1-3	200	9	0.0	98.49	1.1	12,778	LIGHT OIL	20	BBLS	5.75	115	13,107	145.63
34	TURNER	1-4	199	0	0.0	70.08	0.0	0	LIGHT OIL	0	BBLS	0.00	0	1,598	0.00
35	OTHER & START UP		-	0	-	0.00	0.0	0	LIGHT OIL	2,313	BBLS	5.80	13,405	210,673	0.00
36	TOTAL			2,484,233									20,513,474	92,347,040	3.72

Duke Energy Florida
System Net Generation and Fuel Cost
Estimated for the Period of: Apr-16

	(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		(J)	(K)	(L)	(M)
	PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)		FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYS RIV NUC	3	0	0	0.0	0.00	0.0	0	NUCLEAR	0	MMBTU	0.00	0	0	0.00
2	CRYSTAL RIVER	1	376	0	0.0	92.22	0.0	0	COAL	0	TONS	0.00	0	71,969	0.00
3	CRYSTAL RIVER	2	500	93,320	25.9	92.27	27.6	11,518	COAL	45,823	TONS	23.46	1,074,852	4,317,097	4.63
4	CRYSTAL RIVER	4	732	337,590	64.1	11.67	67.4	10,639	COAL	156,619	TONS	22.93	3,591,767	12,656,839	3.75
5	CRYSTAL RIVER	5	712	330,510	64.5	98.00	65.8	10,710	COAL	154,348	TONS	22.93	3,539,696	12,478,699	3.78
6	ANCLOTE	1	517	0	0.0	80.67	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
7	ANCLOTE	2	521	0	0.0	99.15	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
8	SUWANNEE	1	30	0	0.0	100.00	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
9	SUWANNEE	2	30	0	0.0	99.00	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
10	SUWANNEE	3	73	0	0.0	97.33	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
11	ANCLOTE	1	517	11,476	3.1	80.67	47.2	10,669	GAS	122,441	MCF	1.00	122,441	1,233,228	10.75
12	ANCLOTE	2	521	117,120	31.2	99.15	31.2	10,930	GAS	1,280,148	MCF	1.00	1,280,148	5,439,177	4.64
13	AVON PARK	1-2	69	7	0.0	93.50	0.0	14,714	GAS	103	MCF	1.00	103	606	8.66
14	BARTOW	1-4	228	12	0.0	89.08	0.0	13,583	GAS	163	MCF	1.00	163	842	7.02
15	BARTOW CC	1	1279	594,404	64.5	49.45	67.7	7,268	GAS	4,319,978	MCF	1.00	4,319,978	20,551,026	3.46
16	DEBARY	1-10	785	99	0.0	95.90	17.5	13,000	GAS	1,287	MCF	1.00	1,287	6,122	6.18
17	HIGGINS	1-4	129	9	0.0	93.67	0.0	15,333	GAS	138	MCF	1.00	138	657	7.30
18	HINES CC	1-4	2,204	1,075,054	67.7	74.55	22.2	7,059	GAS	7,588,927	MCF	1.00	7,588,927	36,102,090	3.36
19	INT CITY	1-14	1,186	1,117	0.1	87.34	8.0	12,749	GAS	14,241	MCF	1.00	14,241	67,747	6.07
20	SUWANNEE	1	67	34	0.1	95.67	0.0	12,176	GAS	414	MCF	1.00	414	113,539	333.94
21	SUWANNEE	2	66	0	0.0	99.33	0.0	0	GAS	0	MCF	0.00	0	119,120	0.00
22	SUWANNEE	3	67	23,757	49.2	100.00	50.6	12,305	GAS	292,330	MCF	1.00	292,330	1,171,814	4.93
23	TIGER BAY CC	1	225	34,630	21.4	90.33	101.3	7,165	GAS	248,115	MCF	1.00	248,115	1,180,334	3.41
24	UNIV OF FLA. CC	1	47	16,819	49.7	80.67	102.2	9,438	GAS	158,743	MCF	1.00	158,743	855,646	5.09
25	AVON PARK	1-2	69	0	0.0	93.50	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
26	BARTOW	1-4	228	4	0.0	89.08	0.0	17,750	LIGHT OIL	12	BBLS	5.92	71	1,235	30.88
27	BAYBORO	1-4	231	3	0.0	93.08	0.0	16,000	LIGHT OIL	8	BBLS	6.00	48	962	32.07
28	DEBARY	1-10	785	38	0.0	95.90	17.5	14,500	LIGHT OIL	95	BBLS	5.80	551	16,188	42.60
29	HIGGINS	1-4	129	0	0.0	93.67	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
30	OTHER		0	0	0.0	0.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
31	INT CITY	1-14	1,186	27	0.1	87.34	0.0	15,407	LIGHT OIL	72	BBLS	5.78	416	16,634	61.61
32	RIO PINAR	1	16	0	0.0	97.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
33	SUWANNEE	1-3	200	0	0.0	98.33	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
34	TURNER	1-4	199	0	0.0	71.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	1,598	0.00
35	OTHER & START UP		-	0	-	0.00	0.0	0	LIGHT OIL	1,781	BBLS	5.80	10,322	162,510	0.00
36	TOTAL			2,636,030									22,244,751	96,565,679	3.66

Duke Energy Florida
System Net Generation and Fuel Cost
Estimated for the Period of: May-16

	(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		(J)	(K)	(L)	(M)
	PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)		FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYS RIV NUC	3	0	0	0.0	0.00	0.0	0	NUCLEAR	0	MMBTU	0.00	0	0	0.00
2	CRYSTAL RIVER	1	375	0	0.0	27.42	0.0	0	COAL	0	TONS	0.00	0	71,969	0.00
3	CRYSTAL RIVER	2	494	117,075	31.9	95.55	32.5	11,266	COAL	56,341	TONS	23.41	1,318,940	5,332,429	4.55
4	CRYSTAL RIVER	4	722	362,710	67.5	96.13	70.3	10,616	COAL	168,093	TONS	22.91	3,850,379	13,560,058	3.74
5	CRYSTAL RIVER	5	700	342,768	65.8	94.52	69.7	10,674	COAL	159,727	TONS	22.91	3,658,748	12,903,549	3.76
6	ANCLOTE	1	501	0	0.0	45.34	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
7	ANCLOTE	2	510	0	0.0	96.89	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
8	SUWANNEE	1	30	0	0.0	96.13	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
9	SUWANNEE	2	30	0	0.0	100.00	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
10	SUWANNEE	3	71	0	0.0	97.10	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
11	ANCLOTE	1	501	115,760	31.1	45.34	46.5	10,385	GAS	1,202,154	MCF	1.00	1,202,154	5,881,032	5.08
12	ANCLOTE	2	510	158,940	41.9	96.89	43.2	10,534	GAS	1,674,336	MCF	1.00	1,674,336	7,566,721	4.76
13	AVON PARK	1-2	49	0	0.0	92.26	0.0	0	GAS	0	MCF	0.00	0	0	0.00
14	BARTOW	1-4	177	0	0.0	90.81	0.0	0	GAS	0	MCF	0.00	0	132	0.00
15	BARTOW CC	1	1159	764,717	88.7	73.63	89.9	7,282	GAS	5,568,671	MCF	1.00	5,568,671	26,033,851	3.40
16	DEBARY	1-10	645	83	0.0	96.61	6.4	13,048	GAS	1,083	MCF	1.00	1,083	5,063	6.10
17	HIGGINS	1-4	113	8	0.0	94.68	0.0	16,875	GAS	135	MCF	1.00	135	630	7.88
18	HINES CC	1-4	1,912	1,088,267	76.5	66.95	25.0	7,064	GAS	7,687,222	MCF	1.00	7,687,222	35,938,197	3.30
19	INT CITY	1-14	987	3,035	0.4	94.06	7.5	12,923	GAS	39,220	MCF	1.00	39,220	193,472	6.37
20	SUWANNEE	1	52	20	0.1	95.81	0.0	13,400	GAS	268	MCF	1.00	268	117,516	587.58
21	SUWANNEE	2	50	0	0.0	100.00	0.0	0	GAS	0	MCF	0.00	0	123,646	0.00
22	SUWANNEE	3	51	25,271	66.6	99.20	68.6	12,259	GAS	309,806	MCF	1.00	309,806	1,220,312	4.83
23	TIGER BAY CC	1	204	65,016	42.8	88.06	99.6	7,257	GAS	471,801	MCF	1.00	471,801	2,205,696	3.39
24	UNIV OF FLA. CC	1	46	32,292	94.4	48.06	97.8	9,432	GAS	304,584	MCF	1.00	304,584	1,608,732	4.98
25	AVON PARK	1-2	49	0	0.0	92.26	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
26	BARTOW	1-4	177	0	0.0	90.81	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
27	BAYBORO	1-4	174	0	0.0	92.98	0.0	0	LIGHT OIL	0	BBLS	0.00	0	172	0.00
28	DEBARY	1-10	645	0	0.0	96.61	0.0	0	LIGHT OIL	0	BBLS	0.00	0	7,448	0.00
29	HIGGINS	1-4	113	0	0.0	94.68	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
30	OTHER		0	0	0.0	0.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
31	INT CITY	1-14	987	6	0.4	94.06	0.0	16,167	LIGHT OIL	16	BBLS	6.06	97	7,976	132.93
32	RIO PINAR	1	12	0	0.0	97.42	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
33	SUWANNEE	1-3	153	0	0.0	98.34	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
34	TURNER	1-4	149	0	0.0	71.61	0.0	0	LIGHT OIL	0	BBLS	0.00	0	1,598	0.00
35	OTHER & START UP		-	0	-	0.00	0.0	0	LIGHT OIL	1,435	BBLS	5.80	8,319	131,274	0.00
36	TOTAL			3,075,968									26,095,763	112,911,473	3.67

Duke Energy Florida
System Net Generation and Fuel Cost
Estimated for the Period of: Jun-16

	(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		(J)	(K)	(L)	(M)
	PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)		FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYS RIV NUC	3	0	0	0.0	0.00	0	0	NUCLEAR	0	MMBTU	0.00	0	0	0.00
2	CRYSTAL RIVER	1	375	542	0.2	88.67	28.9	11,308	COAL	262	TONS	23.39	6,129	96,624	17.83
3	CRYSTAL RIVER	2	494	121,080	34.0	97.05	34.4	11,183	COAL	57,935	TONS	23.37	1,353,995	5,518,685	4.56
4	CRYSTAL RIVER	4	722	359,799	69.2	96.33	71.8	10,592	COAL	166,547	TONS	22.88	3,810,918	13,440,874	3.74
5	CRYSTAL RIVER	5	700	353,266	70.1	98.00	71.5	10,648	COAL	164,390	TONS	22.88	3,761,558	13,271,565	3.76
6	ANCLOTE	1	501	0	0.0	96.97	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
7	ANCLOTE	2	510	0	0.0	97.47	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
8	SUWANNEE	1	30	0	0.0	0.00	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
9	SUWANNEE	2	30	0	0.0	0.00	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
10	SUWANNEE	3	71	0	0.0	0.00	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
11	ANCLOTE	1	501	128,183	35.5	96.97	49.7	10,286	GAS	1,318,510	MCF	1.00	1,318,510	6,064,932	4.73
12	ANCLOTE	2	510	167,288	45.6	97.47	46.5	10,454	GAS	1,748,823	MCF	1.00	1,748,823	7,565,003	4.52
13	AVON PARK	1-2	49	0	0.0	0.00	0.0	0	GAS	0	MCF	0.00	0	0	0.00
14	BARTOW	1-4	177	16	0.0	89.00	0.0	14,688	GAS	235	MCF	1.00	235	1,176	7.35
15	BARTOW CC	1	1159	734,661	88.0	96.67	91.1	7,279	GAS	5,347,860	MCF	1.00	5,347,860	23,763,637	3.23
16	DEBARY	1-10	645	330	0.1	96.47	10.4	12,924	GAS	4,265	MCF	1.00	4,265	18,952	5.74
17	HIGGINS	1-4	113	0	0.0	93.58	0.0	0	GAS	0	MCF	0.00	0	0	0.00
18	HINES CC	1-4	1,912	1,383,487	100.5	75.56	25.6	7,057	GAS	9,763,243	MCF	1.00	9,763,243	43,383,739	3.14
19	INT CITY	1-14	987	4,175	0.6	95.57	7.7	12,898	GAS	53,849	MCF	1.00	53,849	248,204	5.95
20	SUWANNEE	1	52	0	0.0	94.67	0.0	0	GAS	0	MCF	0.00	0	99,970	0.00
21	SUWANNEE	2	50	23	0.1	99.67	46.0	16,261	GAS	374	MCF	1.00	374	98,822	429.66
22	SUWANNEE	3	51	24,926	67.9	99.67	68.5	12,258	GAS	305,553	MCF	1.00	305,553	1,162,873	4.67
23	TIGER BAY CC	1	204	87,047	59.3	89.67	99.9	7,227	GAS	629,093	MCF	1.00	629,093	2,795,424	3.21
24	UNIV OF FLA. CC	1	46	31,968	96.5	98.67	97.9	9,427	GAS	301,359	MCF	1.00	301,359	1,652,944	5.17
25	AVON PARK	1-2	49	0	0.0	0.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
26	BARTOW	1-4	177	0	0.0	89.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
27	BAYBORO	1-4	174	3	0.0	94.83	0.0	16,000	LIGHT OIL	8	BBLS	6.00	48	967	32.23
28	DEBARY	1-10	645	4	0.1	96.47	0.0	18,000	LIGHT OIL	12	BBLS	6.00	72	8,598	214.95
29	HIGGINS	1-4	113	0	0.0	93.58	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
30	OTHER		0	0	0.0	0.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
31	INT CITY	1-14	987	9	0.6	95.57	0.0	16,111	LIGHT OIL	25	BBLS	5.80	145	8,740	97.11
32	RIO PINAR	1	12	0	0.0	0.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
33	SUWANNEE	1-3	153	3	0.0	98.00	2.0	16,333	LIGHT OIL	8	BBLS	6.13	49	10,342	344.73
34	TURNER	1-4	149	0	0.0	24.67	0.0	0	LIGHT OIL	0	BBLS	0.00	0	932	0.00
35	OTHER & START UP		-	0	-	0.00	0.0	0	LIGHT OIL	789	BBLS	5.80	4,575	72,528	0.00
36	TOTAL			3,396,810									28,410,653	119,285,531	3.51

Duke Energy Florida
System Net Generation and Fuel Cost
Estimated for the Period of: Jul-16

	(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		(J)	(K)	(L)	(M)
	PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)		FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYS RIV NUC	3	0	0	0	0.00	0	0	NUCLEAR	0	MMBTU	0.00	0	0	0.00
2	CRYSTAL RIVER	1	375	0	0.0	89.68	0.0	0	COAL	0	TONS	0.00	0	71,969	0.00
3	CRYSTAL RIVER	2	494	127,566	34.7	96.52	35.0	11,158	COAL	60,986	TONS	23.34	1,423,338	5,853,852	4.59
4	CRYSTAL RIVER	4	722	359,941	67.0	91.94	72.9	10,576	COAL	166,560	TONS	22.86	3,806,822	13,435,200	3.73
5	CRYSTAL RIVER	5	700	371,636	71.4	97.74	73.0	10,627	COAL	172,802	TONS	22.86	3,949,488	13,924,872	3.75
6	ANCLOTE	1	501	0	0.0	96.03	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
7	ANCLOTE	2	510	0	0.0	95.96	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
8	SUWANNEE	1	30	0	0.0	0.00	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
9	SUWANNEE	2	30	0	0.0	0.00	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
10	SUWANNEE	3	71	0	0.0	0.00	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
11	ANCLOTE	1	501	159,474	42.8	96.03	49.1	10,290	GAS	1,640,979	MCF	1.00	1,640,979	7,351,194	4.61
12	ANCLOTE	2	510	177,301	46.7	95.96	48.2	10,419	GAS	1,847,384	MCF	1.00	1,847,384	8,074,025	4.55
13	AVON PARK	1-2	49	0	0.0	0.00	0.0	0	GAS	0	MCF	0.00	0	0	0.00
14	BARTOW	1-4	177	19	0.0	89.84	0.0	13,737	GAS	261	MCF	1.00	261	1,286	6.77
15	BARTOW CC	1	1,159	760,346	88.2	96.13	91.8	7,274	GAS	5,530,779	MCF	1.00	5,530,779	24,456,594	3.22
16	DEBARY	1-10	645	978	0.2	96.48	12.6	12,891	GAS	12,607	MCF	1.00	12,607	55,747	5.70
17	HIGGINS	1-4	113	6	0.0	95.08	0.0	16,333	GAS	98	MCF	1.00	98	435	7.25
18	HINES CC	1-4	1,912	1,434,302	100.8	95.52	26.0	7,048	GAS	10,108,888	MCF	1.00	10,108,888	44,700,570	3.12
19	INT CITY	1-14	987	9,396	1.3	88.73	7.9	12,851	GAS	120,746	MCF	1.00	120,746	551,082	5.87
20	SUWANNEE	1	52	36	0.1	94.84	0.0	13,306	GAS	479	MCF	1.00	479	102,591	284.98
21	SUWANNEE	2	50	69	0.2	100.00	34.5	16,217	GAS	1,119	MCF	1.00	1,119	111,920	162.20
22	SUWANNEE	3	51	26,036	68.6	100.00	69.3	12,253	GAS	319,021	MCF	1.00	319,021	1,215,871	4.67
23	TIGER BAY CC	1	204	90,088	59.4	85.81	99.7	7,252	GAS	653,350	MCF	1.00	653,350	2,889,053	3.21
24	UNIV OF FLA. CC	1	46	32,508	95.0	97.10	97.9	9,429	GAS	306,525	MCF	1.00	306,525	1,674,472	5.15
25	AVON PARK	1-2	49	0	0.0	0.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
26	BARTOW	1-4	177	0	0.0	89.84	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
27	BAYBORO	1-4	174	3	0.0	95.08	0.0	16,000	LIGHT OIL	8	BBLS	6.00	48	974	32.47
28	DEBARY	1-10	645	0	0.0	96.48	0.0	0	LIGHT OIL	0	BBLS	0.00	0	7,448	0.00
29	HIGGINS	1-4	113	0	0.0	95.08	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
30	OTHER		0	0	0.0	0.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
31	INT CITY	1-14	987	12	1.3	88.73	0.0	15,917	LIGHT OIL	33	BBLS	5.79	191	9,496	79.13
32	RIO PINAR	1	12	0	0.0	0.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
33	SUWANNEE	1-3	153	0	0.0	98.28	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
34	TURNER	1-4	149	0	0.0	24.19	0.0	0	LIGHT OIL	0	BBLS	0.00	0	932	0.00
35	OTHER & START UP		-	0	-	0.00	0.0	0	LIGHT OIL	1,230	BBLS	5.80	7,130	114,108	0.00
36	TOTAL			3,549,717									29,729,253	124,603,691	3.51

Duke Energy Florida
System Net Generation and Fuel Cost
Estimated for the Period of: Aug-16

	(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		(J)	(K)	(L)	(M)
	PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)		FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYS RIV NUC	3	0	0	0	0.00	0	0	NUCLEAR	0	MMBTU	0.00	0	0	0.00
2	CRYSTAL RIVER	1	375	1,852	0.7	92.90	41.2	10,841	COAL	861	TONS	23.32	20,078	154,216	8.33
3	CRYSTAL RIVER	2	494	129,138	35.1	96.47	36.2	11,116	COAL	61,575	TONS	23.31	1,435,460	5,952,187	4.61
4	CRYSTAL RIVER	4	722	365,447	68.0	92.26	73.8	10,565	COAL	169,102	TONS	22.83	3,860,835	13,628,310	3.73
5	CRYSTAL RIVER	5	700	361,248	69.4	94.19	73.6	10,619	COAL	168,024	TONS	22.83	3,836,222	13,543,782	3.75
6	ANCLOTE	1	501	0	0.0	97.52	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
7	ANCLOTE	2	510	0	0.0	97.03	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
8	SUWANNEE	1	30	0	0.0	0.00	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
9	SUWANNEE	2	30	0	0.0	0.00	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
10	SUWANNEE	3	71	0	0.0	0.00	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
11	ANCLOTE	1	501	182,251	48.9	97.52	48.9	10,238	GAS	1,865,976	MCF	1.00	1,865,976	8,146,442	4.47
12	ANCLOTE	2	510	166,216	43.8	97.03	51.2	10,395	GAS	1,727,794	MCF	1.00	1,727,794	7,663,219	4.61
13	AVON PARK	1-2	49	0	0.0	0.00	0.0	0	GAS	0	MCF	0.00	0	0	0.00
14	BARTOW	1-4	177	110	0.1	90.56	24.7	13,773	GAS	1,515	MCF	1.00	1,515	6,665	6.06
15	BARTOW CC	1	1,159	731,485	84.8	94.19	90.0	7,281	GAS	5,326,234	MCF	1.00	5,326,234	23,431,092	3.20
16	DEBARY	1-10	645	900	0.2	95.58	14.4	12,884	GAS	11,596	MCF	1.00	11,596	51,013	5.67
17	HIGGINS	1-4	113	169	0.2	94.03	24.9	15,680	GAS	2,650	MCF	1.00	2,650	11,658	6.90
18	HINES CC	1-4	1,912	1,439,696	101.2	96.17	25.7	7,055	GAS	10,156,437	MCF	1.00	10,156,437	44,680,052	3.10
19	INT CITY	1-14	987	11,282	1.5	87.67	7.8	12,868	GAS	145,182	MCF	1.00	145,182	660,812	5.86
20	SUWANNEE	1	52	153	0.4	94.19	147.1	14,046	GAS	2,149	MCF	1.00	2,149	105,100	68.69
21	SUWANNEE	2	50	126	0.3	99.68	42.0	15,897	GAS	2,003	MCF	1.00	2,003	101,039	80.19
22	SUWANNEE	3	51	25,399	66.9	99.68	69.2	12,261	GAS	311,409	MCF	1.00	311,409	1,184,327	4.66
23	TIGER BAY CC	1	204	113,310	74.7	90.97	99.9	7,212	GAS	817,237	MCF	1.00	817,237	3,595,177	3.17
24	UNIV OF FLA. CC	1	46	32,508	95.0	97.10	97.9	9,429	GAS	306,525	MCF	1.00	306,525	1,809,217	5.57
25	AVON PARK	1-2	49	0	0.0	0.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
26	BARTOW	1-4	177	21	0.1	90.56	0.0	15,810	LIGHT OIL	57	BBLS	5.82	332	5,717	27.22
27	BAYBORO	1-4	174	7	0.0	94.60	0.0	15,286	LIGHT OIL	18	BBLS	5.94	107	1,971	28.16
28	DEBARY	1-10	645	121	0.2	95.58	39.6	13,752	LIGHT OIL	287	BBLS	5.80	1,664	34,442	28.46
29	HIGGINS	1-4	113	0	0.0	94.03	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
30	OTHER		0	0	0.0	0.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
31	INT CITY	1-14	987	49	1.5	87.67	0.0	14,510	LIGHT OIL	123	BBLS	5.78	711	17,861	36.45
32	RIO PINAR	1	12	0	0.0	0.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
33	SUWANNEE	1-3	153	23	0.0	97.85	3.8	13,087	LIGHT OIL	52	BBLS	5.79	301	15,645	68.02
34	TURNER	1-4	149	18	0.0	24.52	0.0	15,278	LIGHT OIL	47	BBLS	5.85	275	5,394	29.97
35	OTHER & START UP		-	0	-	0.00	0.0	0	LIGHT OIL	2,459	BBLS	5.80	14,252	229,528	0.00
36	TOTAL			3,561,529									29,846,944	125,034,866	3.51

Duke Energy Florida
System Net Generation and Fuel Cost
Estimated for the Period of: Sep-16

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
	PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYS RIV NUC	3	0	0	0	0.00	0	0 NUCLEAR	0 MMBTU	0.00	0	0	0.00
2	CRYSTAL RIVER	1	375	2,120	0.8	96.00	51.4	10,665 COAL	971 TONS	23.29	22,610	165,233	7.79
3	CRYSTAL RIVER	2	494	129,960	36.5	95.68	37.9	11,052 COAL	61,668 TONS	23.29	1,436,275	5,996,460	4.61
4	CRYSTAL RIVER	4	722	380,279	73.2	95.00	77.0	10,519 COAL	175,367 TONS	22.81	3,999,975	14,113,759	3.71
5	CRYSTAL RIVER	5	700	361,248	71.7	93.67	76.6	10,579 COAL	167,548 TONS	22.81	3,821,635	13,500,947	3.74
6	ANCLOTE	1	501	0	0.0	98.03	0.0	0 HEAVY OIL	0 BBLS	0.00	0	0	0.00
7	ANCLOTE	2	510	0	0.0	96.15	0.0	0 HEAVY OIL	0 BBLS	0.00	0	0	0.00
8	SUWANNEE	1	30	0	0.0	0.00	0.0	0 HEAVY OIL	0 BBLS	0.00	0	0	0.00
9	SUWANNEE	2	30	0	0.0	0.00	0.0	0 HEAVY OIL	0 BBLS	0.00	0	0	0.00
10	SUWANNEE	3	71	0	0.0	0.00	0.0	0 HEAVY OIL	0 BBLS	0.00	0	0	0.00
11	ANCLOTE	1	501	99,170	27.5	98.03	51.5	10,195 GAS	1,011,068 MCF	1.00	1,011,068	4,993,679	5.04
12	ANCLOTE	2	510	186,879	50.9	96.15	52.7	10,332 GAS	1,930,906 MCF	1.00	1,930,906	8,214,031	4.40
13	AVON PARK	1-2	49	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
14	BARTOW	1-4	177	180	0.2	89.58	27.7	14,006 GAS	2,521 MCF	1.00	2,521	11,384	6.32
15	BARTOW CC	1	1,159	736,026	88.2	94.33	93.5	7,275 GAS	5,354,646 MCF	1.00	5,354,646	24,039,170	3.27
16	DEBARY	1-10	645	886	0.2	95.62	15.6	12,839 GAS	11,375 MCF	1.00	11,375	51,067	5.76
17	HIGGINS	1-4	113	115	0.1	94.17	25.4	15,504 GAS	1,783 MCF	1.00	1,783	8,004	6.96
18	HINES CC	1-4	1,912	1,077,109	78.2	92.38	26.7	7,122 GAS	7,671,521 MCF	1.00	7,671,521	34,440,558	3.20
19	INT CITY	1-14	987	8,748	1.2	88.71	7.8	12,831 GAS	112,243 MCF	1.00	112,243	513,715	5.87
20	SUWANNEE	1	52	214	0.6	96.33	411.5	13,393 GAS	2,866 MCF	1.00	2,866	111,227	51.98
21	SUWANNEE	2	50	169	0.5	99.33	42.3	16,006 GAS	2,705 MCF	1.00	2,705	105,651	62.52
22	SUWANNEE	3	51	23,812	64.8	99.33	70.2	12,260 GAS	291,936 MCF	1.00	291,936	1,121,006	4.71
23	TIGER BAY CC	1	204	90,396	61.5	87.83	100.3	7,173 GAS	648,444 MCF	1.00	648,444	2,911,127	3.22
24	UNIV OF FLA. CC	1	46	17,064	51.5	98.75	97.9	9,427 GAS	160,868 MCF	1.00	160,868	1,204,124	7.06
25	AVON PARK	1-2	49	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
26	BARTOW	1-4	177	16	0.2	89.58	110.7	15,000 LIGHT OIL	41 BBLS	5.85	240	4,125	25.78
27	BAYBORO	1-4	174	0	0.0	93.42	0.0	0 LIGHT OIL	0 BBLS	0.00	0	172	0.00
28	DEBARY	1-10	645	220	0.2	95.62	28.6	13,750 LIGHT OIL	521 BBLS	5.81	3,025	56,800	25.82
29	HIGGINS	1-4	113	0	0.0	94.17	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
30	OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
31	INT CITY	1-14	987	102	1.2	88.71	298.9	14,088 LIGHT OIL	248 BBLS	5.79	1,437	29,642	29.06
32	RIO PINAR	1	12	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
33	SUWANNEE	1-3	153	31	0.0	98.33	2.0	12,774 LIGHT OIL	68 BBLS	5.82	396	18,724	60.40
34	TURNER	1-4	149	0	0.0	24.17	0.0	0 LIGHT OIL	0 BBLS	0.00	0	932	0.00
35	OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	1,785 BBLS	5.79	10,344	167,542	0.00
36	TOTAL			3,114,744							26,498,819	111,779,079	3.59

Duke Energy Florida
System Net Generation and Fuel Cost
Estimated for the Period of: Oct-16

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
	PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYS RIV NUC	3	0	0	0	0.00	0	NUCLEAR	0 MMBTU	0.00	0	0	0.00
2	CRYSTAL RIVER	1	375	46,923	16.8	92.26	34.0	11,126	COAL	22,437 TONS	23.27	522,070	2,235,218	4.76
3	CRYSTAL RIVER	2	494	58,135	15.8	93.71	35.2	11,147	COAL	27,851 TONS	23.27	648,031	2,757,150	4.74
4	CRYSTAL RIVER	4	722	386,428	71.9	95.16	75.6	10,537	COAL	178,670 TONS	22.79	4,071,691	14,367,111	3.72
5	CRYSTAL RIVER	5	700	369,783	71.0	94.84	74.8	10,599	COAL	171,983 TONS	22.79	3,919,310	13,843,240	3.74
6	ANCLOTE	1	501	0	0.0	54.45	0.0	0	HEAVY OIL	0 BBLS	0.00	0	0	0.00
7	ANCLOTE	2	510	0	0.0	96.62	0.0	0	HEAVY OIL	0 BBLS	0.00	0	0	0.00
8	SUWANNEE	1	30	0	0.0	0.00	0.0	0	HEAVY OIL	0 BBLS	0.00	0	0	0.00
9	SUWANNEE	2	30	0	0.0	0.00	0.0	0	HEAVY OIL	0 BBLS	0.00	0	0	0.00
10	SUWANNEE	3	71	0	0.0	0.00	0.0	0	HEAVY OIL	0 BBLS	0.00	0	0	0.00
11	ANCLOTE	1	501	170,313	45.7	54.45	45.7	10,328	GAS	1,758,935 MCF	1.00	1,758,935	7,734,706	4.54
12	ANCLOTE	2	510	116,449	30.7	96.62	52.5	10,404	GAS	1,211,488 MCF	1.00	1,211,488	5,790,174	4.97
13	AVON PARK	1-2	49	0	0.0	0.00	0.0	0	GAS	0 MCF	0.00	0	0	0.00
14	BARTOW	1-4	177	56	0.0	91.45	15.8	14,286	GAS	800 MCF	1.00	800	3,775	6.74
15	BARTOW CC	1	1,159	736,982	85.5	93.87	91.1	7,280	GAS	5,365,000 MCF	1.00	5,365,000	24,427,828	3.31
16	DEBARY	1-10	645	342	0.1	92.69	16.0	12,956	GAS	4,431 MCF	1.00	4,431	20,176	5.90
17	HIGGINS	1-4	113	38	0.0	94.27	33.6	15,632	GAS	594 MCF	1.00	594	2,704	7.12
18	HINES CC	1-4	1,912	907,256	63.8	74.01	25.2	7,100	GAS	6,441,465 MCF	1.00	6,441,465	29,329,171	3.23
19	INT CITY	1-14	987	4,324	0.6	88.04	7.7	12,882	GAS	55,701 MCF	1.00	55,701	258,800	5.99
20	SUWANNEE	1	52	81	0.2	95.16	0.0	13,321	GAS	1,079 MCF	1.00	1,079	109,667	135.39
21	SUWANNEE	2	50	47	0.1	99.03	47.0	16,191	GAS	761 MCF	1.00	761	105,164	223.75
22	SUWANNEE	3	51	25,035	66.0	100.00	68.0	12,279	GAS	307,412 MCF	1.00	307,412	1,195,506	4.78
23	TIGER BAY CC	1	204	36,891	24.3	72.52	99.9	7,241	GAS	267,118 MCF	1.00	267,118	1,216,237	3.30
24	UNIV OF FLA. CC	1	46	32,832	95.9	56.13	97.8	9,434	GAS	309,749 MCF	1.00	309,749	1,367,663	4.17
25	AVON PARK	1-2	49	0	0.0	0.00	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
26	BARTOW	1-4	177	0	0.0	91.45	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
27	BAYBORO	1-4	174	0	0.0	94.19	0.0	0	LIGHT OIL	0 BBLS	0.00	0	172	0.00
28	DEBARY	1-10	645	70	0.1	92.69	31.9	14,957	LIGHT OIL	180 BBLS	5.82	1,047	24,513	35.02
29	HIGGINS	1-4	113	0	0.0	94.27	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
30	OTHER		0	0	0.0	0.00	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
31	INT CITY	1-14	987	6	0.6	88.04	0.0	15,833	LIGHT OIL	16 BBLS	5.94	95	7,982	133.03
32	RIO PINAR	1	12	0	0.0	0.00	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
33	SUWANNEE	1-3	153	5	0.0	98.06	0.8	12,400	LIGHT OIL	11 BBLS	5.64	62	11,496	229.92
34	TURNER	1-4	149	0	0.0	24.17	0.0	0	LIGHT OIL	0 BBLS	0.00	0	932	0.00
35	OTHER & START UP		-	0	-	0.00	0.0	0	LIGHT OIL	3,021 BBLS	5.80	17,510	283,346	0.00
36	TOTAL			2,891,996								24,904,349	105,092,731	3.63

Duke Energy Florida
System Net Generation and Fuel Cost
Estimated for the Period of: Nov-16

	(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)		(J)	(K)	(L)	(M)
	PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)		FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1	CRYS RIV NUC	3	0	0	0	0.00	0	0	NUCLEAR	0	MMBTU	0.00	0	0	0.00
2	CRYSTAL RIVER	1	376	9,909	3.7	93.00	31.8	10,987	COAL	4,683	TONS	23.25	108,875	524,464	5.29
3	CRYSTAL RIVER	2	500	84,040	23.3	43.61	27.6	11,310	COAL	40,887	TONS	23.25	950,480	4,022,259	4.79
4	CRYSTAL RIVER	4	732	300,268	57.0	90.00	63.3	10,512	COAL	138,620	TONS	22.77	3,156,437	11,225,294	3.74
5	CRYSTAL RIVER	5	712	352,943	68.8	97.67	70.5	10,362	COAL	160,607	TONS	22.77	3,657,085	12,947,223	3.67
6	ANCLOTE	1	517	0	0.0	93.44	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
7	ANCLOTE	2	521	0	0.0	98.40	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
8	SUWANNEE	1	30	0	0.0	0.00	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
9	SUWANNEE	2	30	0	0.0	0.00	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
10	SUWANNEE	3	73	0	0.0	0.00	0.0	0	HEAVY OIL	0	BBLS	0.00	0	0	0.00
11	ANCLOTE	1	517	56,653	15.2	93.44	80.3	10,521	GAS	596,042	MCF	1.00	596,042	2,512,113	4.43
12	ANCLOTE	2	521	7,245	1.9	98.40	1418.0	10,208	GAS	73,959	MCF	1.00	73,959	674,380	9.31
13	AVON PARK	1-2	69	0	0.0	0.00	0.0	0	GAS	0	MCF	0.00	0	0	0.00
14	BARTOW	1-4	228	12	0.0	89.42	0.0	13,333	GAS	160	MCF	1.00	160	893	7.44
15	BARTOW CC	1	1,279	728,035	79.1	93.00	85.0	7,120	GAS	5,183,485	MCF	1.00	5,183,485	24,652,408	3.39
16	DEBARY	1-10	785	281	0.0	90.87	41.5	12,456	GAS	3,500	MCF	1.00	3,500	16,646	5.92
17	HIGGINS	1-4	129	7	0.0	93.08	0.0	14,857	GAS	104	MCF	1.00	104	495	7.07
18	HINES CC	1-4	2,204	839,272	52.9	60.53	36.4	6,970	GAS	5,850,009	MCF	1.00	5,850,009	27,822,365	3.32
19	INT CITY	1-14	1,186	1,756	0.2	94.59	39.7	12,327	GAS	21,647	MCF	1.00	21,647	108,582	6.18
20	SUWANNEE	1	67	2,340	4.9	94.00	29.1	14,659	GAS	34,301	MCF	1.00	34,301	250,264	10.70
21	SUWANNEE	2	66	2,234	4.7	99.33	28.7	14,817	GAS	33,101	MCF	1.00	33,101	253,127	11.33
22	SUWANNEE	3	67	19,954	41.4	99.33	50.5	12,054	GAS	240,531	MCF	1.00	240,531	973,939	4.88
23	TIGER BAY CC	1	225	28,893	17.8	38.33	98.0	7,443	GAS	215,063	MCF	1.00	215,063	1,022,829	3.54
24	UNIV OF FLA. CC	1	47	33,638	99.4	97.33	100.0	9,428	GAS	317,144	MCF	1.00	317,144	1,382,155	4.11
25	AVON PARK	1-2	69	0	0.0	0.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
26	BARTOW	1-4	228	0	0.0	89.42	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
27	BAYBORO	1-4	231	0	0.0	93.92	0.0	0	LIGHT OIL	0	BBLS	0.00	0	172	0.00
28	DEBARY	1-10	785	0	0.0	90.87	0.0	0	LIGHT OIL	0	BBLS	0.00	0	7,448	0.00
29	HIGGINS	1-4	129	0	0.0	93.08	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
30	OTHER		0	0	0.0	0.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
31	INT CITY	1-14	1,186	0	0.0	94.59	0.0	0	LIGHT OIL	0	BBLS	0.00	0	6,450	0.00
32	RIO PINAR	1	16	0	0.0	0.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
33	SUWANNEE	1-3	200	20	0.0	97.56	5.0	14,900	LIGHT OIL	51	BBLS	5.84	298	4,940	24.70
34	TURNER	1-4	199	0	0.0	16.25	0.0	0	LIGHT OIL	0	BBLS	0.00	0	932	0.00
35	OTHER & START UP		0	0	-	0.00	0.0	0	LIGHT OIL	2,801	BBLS	5.80	16,233	260,443	0.00
36	TOTAL			2,467,500									20,458,454	88,669,821	3.59

Duke Energy Florida
System Net Generation and Fuel Cost
Estimated for the Period of: Dec-16

(A)		(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT		NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (C/KWH)
1 CRYS RIV NUC	3	0	0	0	0.00	0	0	NUCLEAR	0 MMBTU	0.00	0	0	0.00
2 CRYSTAL RIVER	1	376	0	0.0	91.94	0.0	0	COAL	0 TONS	0.00	0	71,969	0.00
3 CRYSTAL RIVER	2	500	92,859	25.0	85.92	25.2	11,463	COAL	45,826 TONS	23.23	1,064,456	4,507,451	4.85
4 CRYSTAL RIVER	4	732	351,632	64.6	92.58	69.7	10,419	COAL	161,007 TONS	22.75	3,663,567	12,974,646	3.69
5 CRYSTAL RIVER	5	712	397,875	75.1	98.06	76.5	10,288	COAL	179,888 TONS	22.75	4,093,193	14,452,903	3.63
6 ANCLOTE	1	517	0	0.0	54.27	0.0	0	HEAVY OIL	0 BBLS	0.00	0	0	0.00
7 ANCLOTE	2	521	0	0.0	18.91	0.0	0	HEAVY OIL	0 BBLS	0.00	0	0	0.00
8 SUWANNEE	1	30	0	0.0	0.00	0.0	0	HEAVY OIL	0 BBLS	0.00	0	0	0.00
9 SUWANNEE	2	30	0	0.0	0.00	0.0	0	HEAVY OIL	0 BBLS	0.00	0	0	0.00
10 SUWANNEE	3	73	0	0.0	0.00	0.0	0	HEAVY OIL	0 BBLS	0.00	0	0	0.00
11 ANCLOTE	1	517	95,260	24.8	54.27	25.0	10,571	GAS	1,007,023 MCF	1.00	1,007,023	4,282,441	4.50
12 ANCLOTE	2	521	8,686	2.2	18.91	49.0	10,510	GAS	91,286 MCF	1.00	91,286	965,642	11.12
13 AVON PARK	1-2	69	0	0.0	0.00	0.0	0	GAS	0 MCF	0.00	0	0	0.00
14 BARTOW	1-4	228	24	0.0	89.84	0.0	13,375	GAS	321 MCF	1.00	321	1,666	6.94
15 BARTOW CC	1	1279	785,039	82.5	95.16	86.7	7,107	GAS	5,579,181 MCF	1.00	5,579,181	26,659,166	3.40
16 DEBARY	1-10	785	334	0.1	96.29	10.6	12,473	GAS	4,166 MCF	1.00	4,166	19,907	5.96
17 HIGGINS	1-4	129	0	0.0	95.16	0.0	0	GAS	0 MCF	0.00	0	0	0.00
18 HINES CC	1-4	2,204	967,891	59.0	71.61	23.3	7,003	GAS	6,778,141 MCF	1.00	6,778,141	32,388,192	3.35
19 INT CITY	1-14	1,186	1,759	0.2	93.29	7.4	12,380	GAS	21,776 MCF	1.00	21,776	108,468	6.17
20 SUWANNEE	1	67	7,312	14.7	94.84	28.8	14,577	GAS	106,589 MCF	1.00	106,589	524,366	7.17
21 SUWANNEE	2	66	7,205	14.7	99.35	28.8	14,685	GAS	105,808 MCF	1.00	105,808	528,623	7.34
22 SUWANNEE	3	67	11,466	23.0	100.00	50.2	12,134	GAS	139,127 MCF	1.00	139,127	639,963	5.58
23 TIGER BAY CC	1	225	12,022	7.2	90.00	100.8	7,404	GAS	89,009 MCF	1.00	89,009	425,314	3.54
24 UNIV OF FLA. CC	1	47	35,136	100.5	98.39	102.1	9,426	GAS	331,200 MCF	1.00	331,200	1,302,530	3.71
25 AVON PARK	1-2	69	0	0.0	0.00	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
26 BARTOW	1-4	228	0	0.0	89.84	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
27 BAYBORO	1-4	231	0	0.0	92.74	0.0	0	LIGHT OIL	0 BBLS	0.00	0	172	0.00
28 DEBARY	1-10	785	0	0.0	96.29	0.0	0	LIGHT OIL	0 BBLS	0.00	0	7,448	0.00
29 HIGGINS	1-4	129	0	0.0	95.16	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
30 OTHER		0	0	0.0	0.00	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
31 INT CITY	1-14	1,186	6	0.2	93.29	0.0	16,500	LIGHT OIL	17 BBLS	5.82	99	8,034	133.90
32 RIO PINAR	1	16	0	0.0	0.00	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
33 SUWANNEE	1-3	200	0	0.0	98.06	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
34 TURNER	1-4	199	0	0.0	9.76	0.0	0	LIGHT OIL	0 BBLS	0.00	0	932	0.00
35 OTHER & START UP		-	0	-	0.00	0.0	0	LIGHT OIL	1,346 BBLS	5.80	7,803	125,192	0.00
36 TOTAL			2,774,506								23,082,745	99,995,025	3.60

Duke Energy Florida
Inventory Analysis
Estimated for the Period of : January through December 2016

	HEAVY OIL		Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Subtotal
1	PURCHASES:								
2	UNITS	BBL	0	0	0	0	0	0	0
3	UNIT COST	$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	AMOUNT	$	0	0	0	0	0	0	0
5	BURNED:								
6	UNITS	BBL	0	0	0	0	0	0	0
7	UNIT COST	$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	AMOUNT	$	0	0	0	0	0	0	0
9	ENDING INVENTORY:								
10	UNITS	BBL	0	0	0	0	0	0	
11	UNIT COST	$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	
12	AMOUNT	$	0	0	0	0	0	0	
	LIGHT OIL								
13	PURCHASES:								
14	UNITS	BBL	3,517	2,227	2,452	1,968	1,451	842	12,457
15	UNIT COST	$/BBL	100.30	97.72	103.94	101.18	102.32	121.27	102.35
16	AMOUNT	$	352,749	217,620	254,868	199,127	148,468	102,107	1,274,939
17	BURNED:								
18	UNITS	BBL	3,517	2,227	2,452	1,968	1,451	842	12,457
19	UNIT COST	$/BBL	100.30	97.72	103.94	101.18	102.32	121.27	102.35
20	AMOUNT	$	352,749	217,620	254,868	199,127	148,468	102,107	1,274,939
21	ENDING INVENTORY:								
22	UNITS	BBL	1,020,493	1,020,493	1,020,493	1,020,493	1,020,493	1,020,493	
23	UNIT COST	$/BBL	100.30	97.72	103.94	101.18	102.32	121.27	
24	AMOUNT	$	102,353,713	99,721,453	106,073,002	103,255,931	104,418,068	123,752,329	
	COAL								
25	PURCHASES:								
26	UNITS	TON	369,371	352,071	292,240	356,790	384,161	389,134	2,143,767
27	UNIT COST	$/TON	82.77	83.05	85.68	82.75	82.95	83.08	83.30
28	AMOUNT	$	30,571,838	29,239,632	25,037,990	29,524,604	31,868,005	32,327,748	178,569,817
29	BURNED:								
30	UNITS	TON	369,371	352,071	292,240	356,790	384,161	389,134	2,143,767
31	UNIT COST	$/TON	82.77	83.05	85.68	82.75	82.95	83.08	83.30
32	AMOUNT	$	30,571,838	29,239,632	25,037,990	29,524,604	31,868,005	32,327,748	178,569,817
33	ENDING INVENTORY:								
34	UNITS	TON	1,275,860	1,275,860	1,275,860	1,275,860	1,275,860	1,275,860	
35	UNIT COST	$/TON	82.77	83.05	85.68	82.75	82.95	83.08	
36	AMOUNT	$	105,599,487	105,960,683	109,310,709	105,578,181	105,838,711	105,993,473	
	GAS								
37	BURNED:								
38	UNITS	MCF	14,790,513	12,822,520	13,745,595	14,027,028	17,259,280	19,473,164	92,118,100
39	UNIT COST	$/MCF	4.95	5.03	4.88	4.77	4.69	4.46	4.77
40	AMOUNT	$	73,273,011	64,555,647	67,054,182	66,841,948	80,895,000	86,855,676	439,475,464
	NUCLEAR								
41	BURNED:								
42	UNITS	MMBTU	0	0	0	0	0	0	0
43	UNIT COST	$/MMBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	AMOUNT	$	0	0	0	0	0	0	0

Duke Energy Florida
Inventory Analysis
Estimated for the Period of : January through December 2016

	HEAVY OIL		Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Total
1	PURCHASES:								
2	UNITS	BBL	0	0	0	0	0	0	0
3	UNIT COST	$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	AMOUNT	$	0	0	0	0	0	0	0
5	BURNED:								
6	UNITS	BBL	0	0	0	0	0	0	0
7	UNIT COST	$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	AMOUNT	$	0	0	0	0	0	0	0
9	ENDING INVENTORY:								
10	UNITS	BBL	0	0	0	0	0	0	
11	UNIT COST	$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	
12	AMOUNT	$	0	0	0	0	0	0	
	LIGHT OIL								
13	PURCHASES:								
14	UNITS	BBL	1,271	3,043	2,663	3,228	2,852	1,363	26,877
15	UNIT COST	$/BBL	104.61	102.06	104.37	101.75	98.31	104.02	102.21
16	AMOUNT	$	132,958	310,558	277,937	328,441	280,385	141,778	2,746,996
17	BURNED:								
18	UNITS	BBL	1,271	3,043	2,663	3,228	2,852	1,363	26,877
19	UNIT COST	$/BBL	104.61	102.06	104.37	101.75	98.31	104.02	102.21
20	AMOUNT	$	132,958	310,558	277,937	328,441	280,385	141,778	2,746,996
21	ENDING INVENTORY:								
22	UNITS	BBL	1,020,493	1,020,493	1,020,493	1,020,493	1,020,493	1,020,493	
23	UNIT COST	$/BBL	104.61	102.06	104.37	101.75	98.31	104.02	
24	AMOUNT	$	106,752,752	104,147,944	106,508,752	103,832,612	100,326,402	106,150,763	
	COAL								
25	PURCHASES:								
26	UNITS	TON	400,348	399,562	405,554	400,941	344,797	386,721	4,481,690
27	UNIT COST	$/TON	83.14	83.29	83.28	82.81	83.29	82.77	83.19
28	AMOUNT	$	33,285,893	33,278,495	33,776,399	33,202,719	28,719,240	32,006,969	372,839,532
29	BURNED:								
30	UNITS	TON	400,348	399,562	405,554	400,941	344,797	386,721	4,481,690
31	UNIT COST	$/TON	83.14	83.29	83.28	82.81	83.29	82.77	83.19
32	AMOUNT	$	33,285,893	33,278,495	33,776,399	33,202,719	28,719,240	32,006,969	372,839,532
33	ENDING INVENTORY:								
34	UNITS	TON	1,275,860	1,275,860	1,275,860	1,275,860	1,275,860	1,275,860	
35	UNIT COST	$/TON	83.14	83.29	83.28	82.81	83.29	82.77	
36	AMOUNT	$	106,078,062	106,263,062	106,259,490	105,656,518	106,270,462	105,596,553	
	GAS								
37	BURNED:								
38	UNITS	MCF	20,542,236	20,676,707	17,202,882	15,724,533	12,569,046	14,253,627	193,087,131
39	UNIT COST	$/MCF	4.44	4.42	4.52	4.55	4.75	4.76	4.66
40	AMOUNT	$	91,184,840	91,445,813	77,724,743	71,561,571	59,670,196	67,846,278	898,908,905
	NUCLEAR								
41	BURNED:								
42	UNITS	MMBTU	0	0	0	0	0	0	0
43	UNIT COST	$/MMBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	AMOUNT	$	0	0	0	0	0	0	0

Duke Energy Florida
Fuel Cost of Power Sold
Estimated for the Period of : January through December 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
				MWH		C/KWH				REFUNDABLE
MONTH	SOLD TO	TYPE & SCHED	TOTAL MWH SOLD	WHEELED FROM OTHER SYSTEMS	MWH FROM OWN GENERATION	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJ (6) x (7)(A)	TOTAL COST $ (6) x (7)(B)	GAIN ON POWER SALES $
Jan-16	ECONSALE	--	29,715		29,715	2.436	2.983	723,970	886,506	162,536
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	45,564		45,564	3.263	3.263	1,486,657	1,486,657	0
	TOTAL		75,279		75,279	2.937	3.152	2,210,627	2,373,163	162,536
Feb-16	ECONSALE	--	20,190		20,190	2.470	3.024	498,662	610,616	111,954
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	47,358		47,358	3.172	3.172	1,502,064	1,502,064	0
	TOTAL		67,548		67,548	2.962	3.128	2,000,726	2,112,680	111,954
Mar-16	ECONSALE	--	18,385		18,385	2.399	2.937	440,980	539,983	99,003
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	31,985		31,985	3.353	3.353	1,072,428	1,072,428	0
	TOTAL		50,370		50,370	3.005	3.201	1,513,408	1,612,411	99,003
Apr-16	ECONSALE	--	20,770		20,770	2.120	2.596	440,282	539,128	98,846
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	50,721		50,721	3.058	3.058	1,550,911	1,550,911	0
	TOTAL		71,491		71,491	2.785	2.923	1,991,193	2,090,039	98,846
May-16	ECONSALE	--	20,950		20,950	2.079	2.545	435,480	533,249	97,769
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	67,528		67,528	3.038	3.038	2,051,683	2,051,683	0
	TOTAL		88,478		88,478	2.811	2.922	2,487,163	2,584,932	97,769
Jun-16	ECONSALE	--	6,650		6,650	2.375	2.908	157,945	193,406	35,461
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	86,001		86,001	2.958	2.958	2,543,770	2,543,770	0
	TOTAL		92,651		92,651	2.916	2.954	2,701,715	2,737,176	35,461

Duke Energy Florida
Fuel Cost of Power Sold
Estimated for the Period of : January through December 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
				MWH		C/KWH				REFUNDABLE
MONTH	SOLD TO	TYPE & SCHED	TOTAL MWH SOLD	WHEELED FROM OTHER SYSTEMS	MWH FROM OWN GENERATION	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJ (6) x (7)(A)	TOTAL COST $ (6) x (7)(B)	GAIN ON POWER SALES $
Jul-16	ECONSALE	--	23,155		23,155	2.527	3.094	585,146	716,516	131,370
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	68,683		68,683	2.794	2.794	1,919,000	1,919,000	0
	TOTAL		91,838		91,838	2.727	2.870	2,504,146	2,635,516	131,370
Aug-16	ECONSALE	--	13,415		13,415	2.977	3.645	399,318	488,968	89,650
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	74,285		74,285	2.787	2.787	2,070,388	2,070,388	0
	TOTAL		87,700		87,700	2.816	2.918	2,469,706	2,559,356	89,650
Sep-16	ECONSALE	--	365		365	2.718	3.328	9,922	12,149	2,227
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	78,542		78,542	2.798	2.798	2,197,505	2,197,505	0
	TOTAL		78,907		78,907	2.798	2.800	2,207,427	2,209,654	2,227
Oct-16	ECONSALE	--	7,795		7,795	2.210	2.706	172,273	210,950	38,677
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	65,976		65,976	2.831	2.831	1,868,019	1,868,019	0
	TOTAL		73,771		73,771	2.766	2.818	2,040,292	2,078,969	38,677
Nov-16	ECONSALE	--	8,570		8,570	2.125	2.603	182,153	223,047	40,894
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	50,983		50,983	2.986	2.986	1,522,485	1,522,485	0
	TOTAL		59,553		59,553	2.862	2.931	1,704,638	1,745,532	40,894
Dec-16	ECONSALE	--	1,235		1,235	2.472	3.027	30,532	37,387	6,855
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	29,896		29,896	3.224	3.224	963,933	963,933	0
	TOTAL		31,131		31,131	3.194	3.216	994,465	1,001,320	6,855
Jan-16	ECONSALE	--	171,195		171,195	2.381	2.916	4,076,663	4,991,905	915,242
THRU	ECONOMY	C	0		0	0.000	0.000	0	0	0
Dec-16	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	697,522		697,522	2.975	2.975	20,748,843	20,748,843	0
	TOTAL		868,717		868,717	2.858	2.963	24,825,506	25,740,748	915,242

Duke Energy Florida
Purchased Power
(Exclusive of Economy & QF Purchases)
Estimated for the Period of : January through December 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	NAME OF PURCHASE	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UTILITIES	MWH FOR INTERRUPTIBLE	MWH FOR FIRM	C/KWH (A) FUEL COST	C/KWH (B) TOTAL COST	TOTAL $ FOR FUEL ADJ (7) x (8)(B)
Jan-16	OTHER	--	0			0	0.000	0.000	0
	Osprey (Calpine)	--	69,632			69,632	4.074	4.074	2,836,710
	SHADY HILLS	--	3,991			3,991	6.470	6.470	258,212
	SOCO Franklin	--	19,180			19,180	5.850	5.850	1,122,110
	SOCO Scherer	--	3,000			3,000	3.933	3.933	117,988
	Vandolah (NSG)	--	7,887			7,887	6.257	6.257	493,480
	TOTAL		103,690	0	0	103,690	4.657	4.657	4,828,500
Feb-16	OTHER	--	0			0	0.000	0.000	0
	Osprey (Calpine)	--	99,553			99,553	4.098	4.098	4,079,806
	SHADY HILLS	--	6,795			6,795	5.881	5.881	399,603
	SOCO Franklin	--	42,153			42,153	4.476	4.476	1,886,572
	SOCO Scherer	--	3,247			3,247	3.904	3.904	126,753
	Vandolah (NSG)	--	6,556			6,556	6.121	6.121	401,295
	TOTAL		158,304	0	0	158,304	4.355	4.355	6,894,029
Mar-16	OTHER	--	0			0	0.000	0.000	0
	Osprey (Calpine)	--	163,585			163,585	3.936	3.936	6,438,625
	SHADY HILLS	--	2,288			2,288	5.950	5.950	136,130
	SOCO Franklin	--	97,117			97,117	3.821	3.821	3,711,092
	SOCO Scherer	--	8,670			8,670	3.861	3.861	334,715
	Vandolah (NSG)	--	6,059			6,059	6.104	6.104	369,831
	TOTAL		277,719	0	0	277,719	3.957	3.957	10,990,393
Apr-16	OTHER	--	0			0	0.000	0.000	0
	Osprey (Calpine)	--	110,457			110,457	3.987	3.987	4,404,017
	SHADY HILLS	--	1,631			1,631	6.066	6.066	98,942
	SOCO Franklin	--	79,229			79,229	3.655	3.655	2,896,131
	SOCO Scherer	--	5,057			5,057	3.909	3.909	197,669
	Vandolah (NSG)	--	3,817			3,817	6.052	6.052	231,010
	TOTAL		200,191	0	0	200,191	3.910	3.910	7,827,769
May-16	OTHER	--	0			0	0.000	0.000	0
	Osprey (Calpine)	--	184,421			184,421	4.002	4.002	7,380,216
	SHADY HILLS	--	6,531			6,531	6.113	6.113	399,246
	SOCO Franklin	--	106,530			106,530	3.493	3.493	3,721,156
	SOCO Scherer	--	19,187			19,187	3.817	3.817	732,358
	Vandolah (NSG)	--	18,952			18,952	5.808	5.808	1,100,654
	TOTAL		335,621	0	0	335,621	3.973	3.973	13,333,630
Jun-16	OTHER	--	0			0	0.000	0.000	0
	Osprey (Calpine)	--	189,508			189,508	3.845	3.845	7,286,624
	SHADY HILLS	--	13,415			13,415	5.563	5.563	746,240
	SOCO Franklin	--	159,310			159,310	3.444	3.444	5,486,312
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	31,653			31,653	5.423	5.423	1,716,595
	TOTAL		393,886	0	0	393,886	3.868	3.868	15,235,771
Jan-16	OTHER	--	0			0	0.000	0.000	0
THRU	Osprey (Calpine)	--	817,156			817,156	3.968	3.968	32,425,998
Jun-16	SHADY HILLS	--	34,651			34,651	5.883	5.883	2,038,373
	SOCO Franklin	--	503,519			503,519	3.738	3.738	18,823,373
	SOCO Scherer	--	39,161			39,161	3.855	3.855	1,509,483
	Vandolah (NSG)	--	74,924			74,924	5.756	5.756	4,312,865
	TOTAL		1,469,411	0	0	1,469,411	4.023	4.023	59,110,092

Duke Energy Florida
Purchased Power
(Exclusive of Economy & QF Purchases)
Estimated for the Period of : January through December 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	NAME OF PURCHASE	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UTILITIES	MWH FOR INTERRUPTIBLE	MWH FOR FIRM	C/KWH (A) FUEL COST	C/KWH (B) TOTAL COST	TOTAL $ FOR FUEL ADJ (7) x (8)(B)
Jul-16	OTHER	--	0			0	0.000	0.000	0
	Osprey (Calpine)	--	210,689			210,689	3.869	3.869	8,152,472
	SHADY HILLS	--	21,144			21,144	5.779	5.779	1,221,928
	SOCO Franklin	--	168,506			168,506	3.439	3.439	5,794,423
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	59,269			59,269	5.402	5.402	3,201,424
	TOTAL		459,608	0	0	459,608	3.997	3.997	18,370,247
Aug-16	OTHER	--	0			0	0.000	0.000	0
	Osprey (Calpine)	--	229,190			229,190	3.912	3.912	8,965,463
	SHADY HILLS	--	26,060			26,060	5.686	5.686	1,481,830
	SOCO Franklin	--	175,098			175,098	3.428	3.428	6,003,138
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	71,566			71,566	5.297	5.297	3,790,596
	TOTAL		501,914	0	0	501,914	4.033	4.033	20,241,027
Sep-16	OTHER	--	0			0	0.000	0.000	0
	Osprey (Calpine)	--	242,057			242,057	4.001	4.001	9,684,808
	SHADY HILLS	--	41,618			41,618	5.390	5.390	2,243,060
	SOCO Franklin	--	184,554			184,554	3.379	3.379	6,236,829
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	119,184			119,184	5.070	5.070	6,042,669
	TOTAL		587,413	0	0	587,413	4.121	4.121	24,207,366
Oct-16	OTHER	--	0			0	0.000	0.000	0
	Osprey (Calpine)	--	192,532			192,532	3.915	3.915	7,537,006
	SHADY HILLS	--	11,627			11,627	5.667	5.667	658,856
	SOCO Franklin	--	154,635			154,635	3.463	3.463	5,354,616
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	34,354			34,354	5.474	5.474	1,880,435
	TOTAL		393,148	0	0	393,148	3.925	3.925	15,430,913
Nov-16	OTHER	--	0			0	0.000	0.000	0
	Osprey (Calpine)	--	113,863			113,863	3.943	3.943	4,489,326
	SHADY HILLS	--	1,627			1,627	5.956	5.956	96,897
	SOCO Franklin	--	53,566			53,566	3.873	3.873	2,074,422
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	6,766			6,766	5.803	5.803	392,619
	TOTAL		175,822	0	0	175,822	4.012	4.012	7,053,264
Dec-16	OTHER	--	0			0	0.000	0.000	0
	Osprey (Calpine)	--	79,293			79,293	3.924	3.924	3,111,672
	SHADY HILLS	--	2,274			2,274	5.708	5.708	129,790
	SOCO Franklin	--	50,258			50,258	4.044	4.044	2,032,436
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	4,463			4,463	5.862	5.862	261,619
	TOTAL		136,288	0	0	136,288	4.062	4.062	5,535,517
Jan-16	OTHER	--	0			0	0.000	0.000	0
THRU	Osprey (Calpine)	--	1,884,780			1,884,780	3.946	3.946	74,366,745
Dec-16	SHADY HILLS	--	139,001			139,001	5.662	5.662	7,870,734
	SOCO Franklin	--	1,290,136			1,290,136	3.590	3.590	46,319,237
	SOCO Scherer	--	39,161			39,161	3.855	3.855	1,509,483
	Vandolah (NSG)	--	370,526			370,526	5.366	5.366	19,882,227
TOTAL			3,723,604	0	0	3,723,604	4.027	4.027	149,948,426

Duke Energy Florida
Energy Payments to Qualifying Facilities
Estimated for the Period of : January through December 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	NAME OF PURCHASE	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UTILITIES	MWH FOR INTERRUPTIBLE	MWH FOR FIRM	C/KWH (A) ENERGY COST	C/KWH (B) TOTAL COST	TOTAL $ FOR FUEL ADJ (7) x (8)(A)
Jan-16	QUAL. FACILITIES	COGEN	296,940			296,940	4.414	11.641	13,105,970
Feb-16	QUAL. FACILITIES	COGEN	277,761			277,761	4.405	12.132	12,235,344
Mar-16	QUAL. FACILITIES	COGEN	283,137			283,137	4.512	12.092	12,774,575
Apr-16	QUAL. FACILITIES	COGEN	267,334			267,334	4.415	12.443	11,802,257
May-16	QUAL. FACILITIES	COGEN	286,520			286,520	4.443	11.933	12,728,879
Jun-16	QUAL. FACILITIES	COGEN	277,293			277,293	4.448	12.188	12,334,193
Jul-16	QUAL. FACILITIES	COGEN	286,532			286,532	4.459	11.949	12,775,760
Aug-16	QUAL. FACILITIES	COGEN	286,533			286,533	4.460	11.951	12,780,750
Sep-16	QUAL. FACILITIES	COGEN	277,280			277,280	4.463	12.203	12,375,046
Oct-16	QUAL. FACILITIES	COGEN	225,244			225,244	4.498	14.026	10,131,953
Nov-16	QUAL. FACILITIES	COGEN	282,047			282,047	4.414	12.023	12,448,988
Dec-16	QUAL. FACILITIES	COGEN	296,923			296,923	4.419	11.647	13,122,261
TOTAL	QUAL. FACILITIES	COGEN	3,343,544			3,343,544	4.445	12.148	148,615,976

Duke Energy Florida
Economy Energy Purchases
Estimated for the Period of : January through December 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
				TRANSACTION COST		TOTAL $	COST IF GENERATED		
MONTH	PURCHASE	TYPE & SCHED	TOTAL MWH PURCHASED	ENERGY COST C/KWH	TOTAL COST C/KWH	FOR FUEL ADJ (4) x (5)	(A) C/KWH	(B) $	FUEL SAVINGS (8)(B) - (7)
Jan-16	ECONPURCH	--	1,431	9.211	9.211	131,808	7.832	112,077	(19,731)
	SEPA	--	3,397	4.500	4.500	152,870	4.500	152,870	-
	TOTAL		4,828	5.896	5.896	284,678	5.488	264,947	(19,731)
Feb-16	ECONPURCH	--	1,059	10.178	10.178	107,781	7.475	79,160	(28,621)
	SEPA	--	3,178	4.500	4.500	143,007	4.500	143,007	-
	TOTAL		4,237	5.919	5.919	250,788	5.243	222,167	(28,621)
Mar-16	ECONPURCH	--	6,190	4.940	4.940	305,790	5.661	350,432	44,642
	SEPA	--	3,397	4.500	4.500	152,870	4.500	152,870	-
	TOTAL		9,587	4.784	4.784	458,660	5.250	503,302	44,642
Apr-16	ECONPURCH	--	7,364	4.829	4.829	355,587	5.685	418,654	63,067
	SEPA	--	3,288	4.499	4.499	147,938	4.499	147,938	-
	TOTAL		10,652	4.727	4.727	503,525	5.319	566,592	63,067
May-16	ECONPURCH	--	18,563	4.594	4.594	852,755	5.925	1,099,774	247,019
	SEPA	--	3,397	4.500	4.500	152,870	4.500	152,870	-
	TOTAL		21,960	4.579	4.579	1,005,625	5.704	1,252,644	247,019
Jun-16	ECONPURCH	--	19,646	4.461	4.461	876,443	5.763	1,132,227	255,784
	SEPA	--	3,288	4.499	4.499	147,938	4.499	147,938	-
	TOTAL		22,934	4.467	4.467	1,024,381	5.582	1,280,165	255,784
Jan-16 THRU Jun-16	ECONPURCH	--	54,253	4.848	4.848	2,630,164	5.88	3,192,324	562,160
	SEPA	--	19,945	4.500	4.500	897,493	4.50	897,493	-
	TOTAL		74,198	4.754	4.754	3,527,657	5.512	4,089,817	562,160

Duke Energy Florida
Economy Energy Purchases
Estimated for the Period of : January through December 2016

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
				TRANSACTION COST		TOTAL $	COST IF GENERATED		
MONTH	PURCHASE	TYPE & SCHED	TOTAL MWH PURCHASED	ENERGY COST C/KWH	TOTAL COST C/KWH	FOR FUEL ADJ (4) x (5)	(A) C/KWH	(B) $	FUEL SAVINGS (8)(B) - (7)
Jul-16	ECONPURCH	--	11,497	5.481	5.481	630,107	6.913	794,747	164,640
	SEPA	--	3,397	4.500	4.500	152,870	4.500	152,870	-
	TOTAL		14,894	5.257	5.257	782,977	6.362	947,617	164,640
Aug-16	ECONPURCH	--	15,485	4.792	4.792	742,024	6.123	948,073	206,049
	SEPA	--	3,397	4.500	4.500	152,870	4.500	152,870	-
	TOTAL		18,882	4.739	4.739	894,894	5.831	1,100,943	206,049
Sep-16	ECONPURCH	--	41,557	4.236	4.236	1,760,154	5.638	2,342,911	582,757
	SEPA	--	3,288	4.499	4.499	147,938	4.499	147,938	-
	TOTAL		44,845	4.255	4.255	1,908,092	5.554	2,490,849	582,757
Oct-16	ECONPURCH	--	22,049	4.314	4.314	951,276	5.600	1,234,748	283,472
	SEPA	--	3,397	4.500	4.500	152,870	4.500	152,870	-
	TOTAL		25,446	4.339	4.339	1,104,146	5.453	1,387,618	283,472
Nov-16	ECONPURCH	--	10,174	3.992	3.992	406,190	4.796	487,980	81,790
	SEPA	--	3,288	4.499	4.499	147,938	4.499	147,938	-
	TOTAL		13,462	4.116	4.116	554,128	4.724	635,918	81,790
Dec-16	ECONPURCH	--	2,627	6.116	6.116	160,673	5.772	151,622	(9,051)
	SEPA	--	3,397	4.500	4.500	152,870	4.500	152,870	-
	TOTAL		6,024	5.205	5.205	313,543	5.055	304,492	(9,051)
Jan-16 THRU Dec-16	ECONPURCH	--	157,642	4.618	4.618	7,280,588	5.806	9,152,405	1,871,817
	SEPA	--	40,109	4.500	4.500	1,804,849	4.500	1,804,849	-
	TOTAL		197,751	4.594	4.594	9,085,437	5.541	10,957,254	1,871,817

Duke Energy Florida
Fuel and Purchased Power Cost Recovery Clause
Residential Bill Comparison
Estimated for the Period of : January 2016 *

	Approved May 15 - Dec 15 ($/1000 KWH)	Requested Jan 16 * ($/1000 KWH)	Difference from Current $	Difference from Current %
Base Rate	$58.50	$58.50	$0.00	0.00%
Fuel Cost Recovery	43.23	33.53	(9.70)	-22.44%
Capacity Cost Recovery (CCR)	10.74	12.42	1.68	15.64%
Energy Conservation Cost Recovery (ECCR)	2.70	3.25	0.55	20.37%
Environmental Cost Recovery (ECRC)	1.38	1.84	0.46	33.33%
Nuclear CR3 Uprate	2.00	1.76	(0.24)	-12.00%
Nuclear Levy	0.00	0.00	0.00	0.00%
Subtotal	118.55	111.30	(7.25)	-6.12%
Gross Receipts Tax	3.04	2.85	(0.19)	-6.25%
Total	$121.59	$114.15	($7.44)	-6.12%

* Does not include impact of recovering CR3 regulatory asset through issuance of low-cost bonds. The estimated rate impact is $3.17 on a 1,000 kWh residential bill, resulting in a total estimated 1,000kWh bill of $117.41, which is ($4.18) or 3.44% lower than the current 2015 residential bill.

Calculation of Inverted Residential Fuel Rates

	Annual Units mWh	Levelized Fuel Rate Cents/kWh	Annual Fuel Revenues	Inverted Fuel Rates Cents/kWh	Annual Fuel Revenues
Residential Excluding TOU:					
0 - 1,000 kWh	14,005,113	3.634	$ 508,945,815	3.353	$ 469,572,222
Over 1,000 kWh	5,477,206	3.634	199,041,666	4.353	238,415,259
Total	19,482,319		$ 707,987,481		$ 707,987,481
Rate Differential by Tier - Cents per kWh				1.000	

Residential Sales:	
Total	19,482,925
Time of Use	606
Levelized	19,482,319

Duke Energy Florida
Generating System Comparative Data by Fuel Type

		2013 Actual	2014 Actual	2015 Actual / Estimated	2016 Projection	2014 vs. 2013	2015 vs. 2014	2016 vs. 2015
FUEL COST OF SYSTEM NET GENERATION ($)								
HEAVY OIL		19,773,117	0	0	0	-100.0%	0.0%	0.0%
LIGHT OIL		16,141,228	21,114,159	11,336,063	2,746,996	30.8%	-46.3%	-75.8%
COAL		439,925,452	479,549,089	417,504,877	372,839,532	9.0%	-12.9%	-10.7%
GAS		1,013,506,189	1,053,354,312	947,158,548	898,908,905	3.9%	-10.1%	-5.1%
NUCLEAR		0	0	0	0	0.0%	0.0%	0.0%
OTHER		0	0	0	0	0.0%	0.0%	0.0%
TOTAL	$	1,489,345,986	1,554,017,561	1,375,999,488	1,274,495,433	4.3%	-11.5%	-7.4%
SYSTEM NET GENERATION (MWH)								
HEAVY OIL		123,377	0	0	0	-100.0%	0.0%	0.0%
LIGHT OIL		35,150	76,249	30,821	1,275	116.9%	-59.6%	-95.9%
COAL		10,633,975	11,729,266	10,687,184	9,691,682	10.3%	-8.9%	-9.3%
GAS		23,066,236	22,953,480	24,664,406	25,600,913	-0.5%	7.5%	3.8%
NUCLEAR		0	0	0	0	0.0%	0.0%	0.0%
OTHER		0	0	0	0	0.0%	0.0%	0.0%
TOTAL	MWH	33,858,739	34,758,995	35,382,411	35,293,870	2.7%	1.8%	-0.3%
UNITS OF FUEL BURNED								
HEAVY OIL	BBL	250,994	0	0	0	-100.0%	0.0%	0.0%
LIGHT OIL	BBL	132,000	167,219	90,838	26,877	26.7%	-45.7%	-70.4%
COAL	TON	4,792,094	5,153,543	4,799,706	4,481,690	7.5%	-6.9%	-6.6%
GAS	MCF	177,503,510	182,536,357	191,484,812	193,087,131	2.8%	4.9%	0.8%
NUCLEAR	MMBTU	0	0	0	0	0.0%	0.0%	0.0%
OTHER		0	0	0	0	0.0%	0.0%	0.0%
BTUS BURNED (MMBTU)								
HEAVY OIL		1,529,500	0	0	0	-100.0%	0.0%	0.0%
LIGHT OIL		764,007	961,077	516,834	155,818	25.8%	-46.2%	-69.9%
COAL		111,597,504	119,882,018	111,721,625	102,853,327	7.4%	-6.8%	-7.9%
GAS		180,039,881	185,999,463	193,754,866	193,087,131	3.3%	4.2%	-0.3%
NUCLEAR		0	0	0	0	0.0%	0.0%	0.0%
OTHER		0	0	0	0	0.0%	0.0%	0.0%
TOTAL	MMBTU	293,930,892	306,842,558	305,993,325	296,096,276	4.4%	-0.3%	-3.2%
GENERATION MIX (% MWH)								
HEAVY OIL		0.36%	0.00%	0.00%	0.00%	-109.9%	0.0%	0.0%
LIGHT OIL		0.10%	0.22%	0.09%	0.00%	96.2%	-45.7%	-114.9%
COAL		31.41%	33.75%	30.21%	27.46%	7.3%	-10.4%	-8.9%
GAS		68.13%	66.04%	69.71%	72.54%	-3.1%	5.6%	4.0%
NUCLEAR		0.00%	0.00%	0.00%	0.00%	0.0%	0.0%	0.0%
OTHER		0.00%	0.00%	0.00%	0.00%	0.0%	0.0%	0.0%
TOTAL	%	100.00%	100.00%	100.00%	100.00%	0.0%	0.0%	0.0%
FUEL COST PER UNIT								
HEAVY OIL	$/BBL	78.78	0.00	0.00	0.00	-100.0%	0.0%	0.0%
LIGHT OIL	$/BBL	122.28	126.27	124.79	102.21	3.3%	-1.2%	-18.1%
COAL	$/TON	91.80	93.05	86.99	83.19	1.4%	-6.5%	-4.4%
GAS	$/MCF	5.71	5.77	4.95	4.66	1.1%	-14.3%	-5.9%
NUCLEAR	$/MMBTU	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
OTHER		0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
FUEL COST PER MMBTU ($/MMBTU)								
HEAVY OIL		12.93	0.00	0.00	0.00	-100.0%	0.0%	0.0%
LIGHT OIL		21.13	21.97	21.93	17.63	4.0%	-0.2%	-19.6%
COAL		3.94	4.00	3.74	3.63	1.5%	-6.6%	-3.0%
GAS		5.63	5.66	4.89	4.66	0.6%	-13.7%	-4.8%
NUCLEAR		0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
OTHER		0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
TOTAL	$/MMBTU	5.07	5.07	4.50	4.30	0.0%	-11.2%	-4.3%
BTU BURNED PER KWH (BTU/KWH)								
HEAVY OIL		12,397	0	0	0	-100.0%	0.0%	0.0%
LIGHT OIL		21,735	12,604	16,769	122,210	-42.0%	33.0%	628.8%
COAL		10,494	10,221	10,454	10,613	-2.6%	2.3%	1.5%
GAS		7,805	8,103	7,856	7,542	3.8%	-3.1%	-4.0%
NUCLEAR		0	0	0	0	0.0%	0.0%	0.0%
OTHER		0	0	0	0	0.0%	0.0%	0.0%
TOTAL	BTU/KWH	8,681	8,828	8,648	8,389	1.7%	-2.0%	-3.0%
GENERATED FUEL COST PER KWH (C/KWH)								
HEAVY OIL		16.03	0.00	0.00	0.00	-100.0%	0.0%	0.0%
LIGHT OIL		45.92	27.69	36.78	215.45	-39.7%	32.8%	485.8%
COAL		4.14	4.09	3.91	3.85	-1.2%	-4.5%	-1.5%
GAS		4.39	4.59	3.84	3.51	4.4%	-16.3%	-8.6%
NUCLEAR		0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
OTHER		0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
TOTAL	C/KWH	4.40	4.47	3.89	3.61	1.6%	-13.0%	-7.1%

DUKE ENERGY FLORIDA

FUEL AND CAPACITY COST RECOVERY FACTOR

JANUARY THROUGH DECEMBER 2016

PART 3 – 2016 CAPACITY COST RECOVERY SCHEDULES

REDACTED

Duke Energy Florida
Calculation Projected Capacity Costs
For the Year 2016

Docket No. 150001-EI
Exhibit__CAM-3, Part 3
Schedule E12-A
Page 1 of 2

		EST Jan-16	EST Feb-16	EST Mar-16	EST Apr-16	EST May-16	EST Jun-16	EST Jul-16	EST Aug-16	EST Sep-16	EST Oct-16	EST Nov-16	EST Dec-16	TOTAL
1	**Base Production Level Capacity Costs**													
2	Orange Cogen (ORANGECO)	4,541,680	4,541,680	4,541,680	4,541,680	4,541,680	4,541,680	4,541,680	4,541,680	4,541,680	4,541,680	4,541,680	4,541,680	54,500,160
3	Orlando Cogen Limited (ORLACOGL)	4,353,900	4,353,900	4,353,900	4,353,900	4,353,900	4,353,900	4,353,900	4,353,900	4,353,900	4,353,900	4,353,900	4,353,900	52,246,800
4	Pasco County Resource Recovery (PASCOUNT)	1,677,850	1,677,850	1,677,850	1,677,850	1,677,850	1,677,850	1,677,850	1,677,850	1,677,850	1,677,850	1,677,850	1,677,850	20,134,200
5	Pinellas County Resource Recovery (PINCOUNT)	3,994,013	3,994,013	3,994,013	3,994,013	3,994,013	3,994,013	3,994,013	3,994,013	3,994,013	3,994,013	3,994,013	3,994,013	47,928,150
6	Polk Power Partners, L.P. (MULBERRY/ROYSTER)	6,112,250	6,112,250	6,112,250	6,112,250	6,112,250	6,112,250	6,112,250	6,112,250	6,112,250	6,112,250	6,112,250	6,112,250	73,347,000
7	Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	782,100	782,100	782,100	782,100	782,100	782,100	782,100	782,100	782,100	782,100	782,100	782,100	9,385,200
8	Southern Scherer	1,759,878	1,759,878	1,759,878	1,759,878	1,759,878	-	-	-	-	-	-	-	8,799,391
9	Calpine Osprey	[redacted]												
10	Subtotal - Base Level Capacity Costs													
11	Base Production Jurisdictional Responsibility	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	
12	Base Level Jurisdictional Capacity Costs	[redacted]												
13	**Intermediate Production Level Capacity Costs**													
14	Southern Franklin	3,256,789	3,256,789	3,256,789	3,256,789	3,256,789	3,784,589	3,784,589	3,784,589	3,784,589	3,784,589	3,784,589	3,784,589	42,776,062
15	Schedule H Capacity Sales - NSB	(16,080)	(16,080)	(16,080)	(16,080)	(16,080)	(16,080)	(16,080)	(16,080)	(16,080)	(16,080)	(16,080)	(16,080)	(192,960)
16	Subtotal - Intermediate Level Capacity Costs	3,240,709	3,240,709	3,240,709	3,240,709	3,240,709	3,768,509	3,768,509	3,768,509	3,768,509	3,768,509	3,768,509	3,768,509	42,583,102
17	Intermediate Production Jurisdict. Responsibility	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	
18	Intermediate Level Jurisdict. Capacity Costs	2,356,092	2,356,092	2,356,092	2,356,092	2,356,093	2,739,819	2,739,819	2,739,819	2,739,819	2,739,819	2,739,819	2,739,819	30,959,193
19	**Peaking Production Level Capacity Costs**													
20	Chattahoochee	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Shady Hills	1,970,869	1,970,869	1,407,764	1,365,741	1,912,037	3,887,109	3,887,109	3,887,109	1,813,984	1,365,741	1,365,741	1,970,869	26,804,943
22	Vandolah (NSG)	2,779,771	2,795,377	2,003,534	1,981,239	2,701,738	5,570,731	5,554,010	5,509,420	2,636,711	1,942,223	1,986,813	2,795,377	38,256,944
23	Other	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Subtotal - Peaking Level Capacity Costs	4,750,640	4,766,247	3,411,298	3,346,980	4,613,776	9,457,840	9,441,119	9,396,529	4,450,696	3,307,964	3,352,554	4,766,247	65,061,887
25	Peaking Production Jurisdictional Responsibility	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	
26	Peaking Level Jurisdictional Capacity Costs	4,557,004	4,571,974	3,272,253	3,210,557	4,425,718	9,072,338	9,056,299	9,013,526	4,269,285	3,173,131	3,215,904	4,571,974	62,409,964
27	**Other Capacity Costs**													
28	Retail Wheeling	(50,295)	(34,173)	(31,118)	(35,155)	(35,460)	(11,256)	(39,192)	(22,706)	(618)	(13,194)	(14,506)	(2,090)	(289,764)
29	Batch 19 Nuclear Fuel [1]	[redacted]												
30	**Total Capacity Costs (line 12+18+26+28+29)**	29,968,158	29,999,248	28,702,582	28,636,849	29,851,707	33,271,595	33,227,619	33,201,332	28,479,180	27,370,450	27,411,911	28,722,338	358,842,970
31	Estimated/Actual True-Up Provision - Jan - Dec 2015													38,643,256
32	**Total Capacity Costs w/ True-Up**													397,486,226
33	Revenue Tax Multiplier													1.00072
34	**Total Recoverable Capacity Costs**													397,772,416
35	**Nuclear Cost Recovery Clause**													56,469,745
36	Revenue Tax Multiplier													1.00072
37	**Total Recoverable Nuclear Costs**													56,510,403
38	**Total Recov Capacity & Nuclear Costs (line 34+37)**													454,282,819

[1] Return on unrecovered Batch 19 nuclear fuel balance, per DEF Witness Olivier in Docket No. 150148-EI (now consolidated into Docket 150171-EI)

Contract Data:

	Name	Start Date	Expiration Date	Type	Purchase/Sale	MW
1	Orlando Cogen Limited (ORLACOGL)	Sep-93	Dec-23	QF	Purch	115.00
2	Orange Cogen (ORANGECO)	Jul-95	Dec-25	QF	Purch	104.00
3	Pasco County Resource Recovery (PASCOUNT)	Jan-95	Dec-24	QF	Purch	23.00
4	Pinellas County Resource Recovery (PINCOUNT)	Jan-95	Dec-24	QF	Purch	54.75
5	Polk Power Partners, L. P. (MULBERY/ROYSTER)	Aug-94	Aug-24	QF	Purch	115.00
6	Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	Aug-94	Dec-23	QF	Purch	39.60
7	Florida Power Development	May-14	May-34	QF	Purch	60.00
8	Southern - Franklin	Jun-10	May-16	Other	Purch	350.00
9	Southern Wholesale - Scherer 3	Jun-10	May-16	Other	Purch	73.00
10	Schedule H Capacity - New Smyrna Beach	Nov-85	see note (1)	Other	Sale	1.00
11	Chattahoochee	Jan-03	Dec-17	Other	Purch	5.25
12	Vandolah (NSG)	Jun-12	May-27	Other	Puch	655.00
13	Shady Hills Tolling Agreement	Apr-07	Apr-24	Other	Purch	515.00
14	Calpine Osprey	Oct-14	Dec-16	Other	Purch	599.00
15	Southern - Franklin	Jun-16	May-21	Other	Purch	425.00

(1) The New Smyrna Beach (NSB) Schedule H contract is in effect until cancelled by either DEF or NSB upon 1 year's written notice.

Duke Energy Florida
Calculation of Estimated/Actual True-up
For the Year 2015

Docket No. 150001-EI
Exhibit__CAM-3, Part 3
Schedule E12-B

		ACT Jan-15	ACT Feb-15	ACT Mar-15	ACT Apr-15	ACT May-15	ACT Jun-15	EST Jul-15	EST Aug-15	EST Sep-15	EST Oct-15	EST Nov-15	EST Dec-15	TOTAL
1	**Base Production Level Capacity Costs**													
2	Orange Cogen (ORANGECO)	3,108,487	3,266,545	3,266,545	3,266,545	3,266,545	3,266,545	3,073,960	3,073,960	3,073,960	3,073,960	3,073,960	3,073,960	37,884,974
3	Orlando Cogen Limited (ORLACOGL)	4,390,316	4,602,317	4,594,986	4,491,065	4,619,448	4,619,448	4,143,450	4,143,450	4,143,450	4,143,450	4,143,450	4,143,450	52,178,278
4	Pasco County Resource Recovery (PASCOUNT)	1,483,270	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	18,836,540
5	Pinellas County Resource Recovery (PINCOUNT)	3,530,828	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	44,839,155
6	Polk Power Partners, L.P. (MULBERRY/ROYSTER)	5,999,259	6,306,018	6,306,018	6,306,018	6,306,018	6,287,309	5,815,550	5,815,550	5,815,550	5,815,550	5,815,550	5,815,550	72,403,940
7	Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	661,873	698,574	715,513	729,448	741,070	754,330	782,100	782,100	782,100	782,100	782,100	782,100	8,993,409
8	Other	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Southern - Scherer	1,750,402	1,787,399	1,756,170	1,757,178	1,824,402	3,375,058	1,744,736	1,744,736	1,744,736	1,744,736	1,744,736	1,744,736	22,719,024
10	Calpine Osprey	1,405,950	1,465,539	1,443,650	1,443,650	1,443,650	1,443,650	1,405,950	1,405,950	1,405,950	1,405,950	1,405,950	1,405,950	17,081,789
11	Subtotal - Base Level Capacity Costs	22,330,384	23,459,265	23,415,755	23,326,778	23,534,006	25,079,213	22,298,618	22,298,618	22,298,618	22,298,618	22,298,618	22,298,618	274,937,109
12	Base Production Jurisdictional Responsibility	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	
13	Base Level Jurisdictional Capacity Costs	20,741,577	21,790,139	21,749,724	21,667,078	21,859,562	23,294,827	20,712,071	20,712,071	20,712,071	20,712,071	20,712,071	20,712,071	255,375,335
14	**Intermediate Production Level Capacity Costs**													
15	Southern - Franklin	3,119,543	3,290,615	3,174,459	3,182,635	3,179,430	2,251,554	3,185,168	3,185,168	3,185,168	3,185,168	3,185,168	3,185,168	37,309,244
16	Schedule H Capacity Sales - NSB	(14,792)	(14,792)	(14,792)	(14,792)	(16,080)	(16,080)	(16,080)	(16,080)	(16,080)	(16,080)	(16,080)	(16,080)	(187,808)
17	Other	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Subtotal - Intermediate Level Capacity Costs	3,104,751	3,275,823	3,159,667	3,167,843	3,163,350	2,235,474	3,169,088	3,169,088	3,169,088	3,169,088	3,169,088	3,169,088	37,121,436
19	Intermediate Production Jurisdictional Responsibility	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	
20	Intermediate Level Jurisdictional Capacity Costs	2,257,247	2,381,621	2,297,173	2,303,117	2,299,850	1,625,256	2,304,022	2,304,022	2,304,022	2,304,022	2,304,022	2,304,022	26,988,397
21	**Peaking Production Level Capacity Costs**													
22	Chattahoochee	-	-	-	-	-	-	-	-	-	-	-	-	-
23	Vandolah (RRI)	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Shady Hills Power Company LLC	1,410,076	1,646,992	1,406,900	1,440,840	1,912,680	3,888,000	3,887,109	3,887,109	1,813,984	1,365,741	1,365,741	1,970,869	25,996,042
25	Vandolah (NSG)	2,932,374	2,895,800	1,886,774	1,947,064	2,800,877	5,785,668	5,554,010	5,509,420	2,636,711	1,942,223	1,986,813	2,795,377	38,673,111
26	Other	-	-	-	-	-	-	-	-	-	-	-	-	-
27	Subtotal - Peaking Level Capacity Costs	4,342,450	4,542,793	3,293,674	3,387,903	4,713,557	9,673,668	9,441,119	9,396,529	4,450,696	3,307,964	3,352,554	4,766,247	64,669,152
28	Peaking Production Jurisdictional Responsibility	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	
29	Peaking Level Jurisdictional Capacity Costs	4,165,452	4,357,629	3,159,424	3,249,812	4,521,433	9,279,369	9,056,299	9,013,526	4,269,285	3,173,131	3,215,904	4,571,974	62,033,238
30	**Other Capacity Costs**													
31	Retail Wheeling	(44,982)	(109,006)	(31,099)	(4,143)	(42,143)	(19,211)	(43,542)	(16,088)	(999)	(8,514)	(13,490)	(3,004)	(336,221)
32	Other Jurisdictional Capacity Costs	(44,982)	(109,006)	(31,099)	(4,143)	(42,143)	(19,211)	(43,542)	(16,088)	(999)	(8,514)	(13,490)	(3,004)	(336,221)
33	**Subtotal Jurisd Capacity Costs (Line 13+20+29+32)**	27,119,295	28,420,383	27,175,221	27,215,864	28,638,702	34,180,241	32,028,850	32,013,531	27,284,380	26,180,711	26,218,507	27,585,063	344,060,749
34	**Nuclear Cost Recovery Clause Costs (net of tax)**													
35	Levy Costs ①	9,215,650	9,145,040	9,074,430	9,003,820	-	-	-	-	-	-	-	-	36,438,940
36	CR3 Uprate Costs	5,442,716	5,412,634	5,382,366	5,352,099	5,321,833	5,291,141	5,260,871	5,208,780	5,178,331	5,148,065	5,117,797	5,087,530	63,204,163
37	**Total NCRC Costs - Order No. PSC-14-0701-FOF-EI**	14,658,366	14,557,674	14,456,796	14,355,919	5,321,833	5,291,141	5,260,871	5,208,780	5,178,331	5,148,065	5,117,797	5,087,530	99,643,103
38	**Total Jurisdictional Capacity Costs (Line 33+37)**	41,777,661	42,978,057	41,632,018	41,571,783	33,960,535	39,471,382	37,289,721	37,222,312	32,462,711	31,328,775	31,336,304	32,672,593	443,703,852
39	**Capacity Revenues**													
40	Capacity Cost Recovery Revenues (net of tax) ①	35,474,797	35,917,927	38,743,786	38,282,459	33,024,082	37,697,540	39,548,662	39,811,654	40,152,847	37,052,286	31,209,639	29,128,994	436,044,671
41	Prior Period True-Up Provision Over/(Under) Recovery	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(16,991,240)
42	**Current Period Revenues (net of tax)**	34,058,861	34,501,991	37,327,849	36,866,522	31,608,145	36,281,603	38,132,725	38,395,717	38,736,910	35,636,349	29,793,702	27,713,057	419,053,431
43	**True-Up Provision**													
44	True-Up Provision - Over/(Under) Recov (Line 42-38)	(7,718,800)	(8,476,066)	(4,304,169)	(4,705,260)	(2,352,390)	(3,189,779)	843,004	1,173,405	6,274,199	4,307,574	(1,542,602)	(4,959,536)	(24,650,420)
45	Interest Provision for the Month	(2,831)	(3,263)	(3,661)	(2,932)	(3,568)	(4,187)	(2,039)	(1,935)	(1,628)	(1,399)	(1,404)	(1,545)	(30,390)
46	Current Cycle Balance - Over/(Under)	(7,721,631)	(16,200,960)	(20,508,790)	(25,216,982)	(27,572,940)	(30,766,906)	(29,925,940)	(28,754,471)	(22,481,899)	(18,175,724)	(19,719,730)	(24,680,810)	(24,680,810)
47	Prior Period Balance - Over/(Under) Recovered	(30,953,685)	(30,953,685)	(30,953,685)	(30,953,685)	(30,953,685)	(30,953,685)	(30,953,685)	(30,953,685)	(30,953,685)	(30,953,685)	(30,953,685)	(30,953,685)	(30,953,685)
48	Prior Period Cumulative True-Up Collected/(Refunded)	1,415,937	2,831,873	4,247,810	5,663,747	7,079,683	8,495,620	9,911,557	11,327,493	12,743,430	14,159,367	15,575,303	16,991,240	16,991,240
49	Prior Period True-up Balance - Over/(Under)	(29,537,749)	(28,121,812)	(26,705,875)	(25,289,939)	(23,874,002)	(22,458,065)	(21,042,129)	(19,626,192)	(18,210,255)	(16,794,319)	(15,378,382)	(13,962,445)	(13,962,445)
50	**Net Capacity True-up Over/(Under) (Line 46+49)**	($37,259,380)	($44,322,772)	($47,214,666)	($50,506,921)	($51,446,942)	($53,224,971)	($50,968,069)	($48,380,663)	($40,692,155)	($34,970,043)	($35,098,112)	($38,643,256)	($38,643,256)

① Per Order No. PSC-15-0176-TRF-EI, DEF terminated the Levy Fixed Charge beginning May 2015.

Duke Energy Florida
Calculation of Energy and Demand Percent by Rate Class
Using 12 CP & 1/13th AD Allocation Method for Production Demand
For the Year 2016

Docket No. 150001-EI
Exhibit__CAM-3, Part 3
Schedule E12-D

Rate Class	(1) Average 12CP Load Factor at Meter (%)	(2) Sales at Meter (MWh)	(3) Avg 12 CP at Meter (MW)	(4) Delivery Efficiency Factor	(5) Sales at Source (Generation) (MWh)	(6) Avg 12 CP at Source (MW)	(7) Annual Average Demand (MWh)	(8) Annual Average Demand Allocator (%)	(9) 12CP Allocator (%)	(10) **12CP 1/13 AD** Demand Allocator (%)
Residential										
RS-1, RST-1, RSL-1, RSL-2, RSS-1										
Secondary	0.518	19,482,925	4,282.48	0.9463589	20,587,248	4,525.22	2,343.72	51.568%	61.617%	60.844%
General Service Non-Demand										
GS-1, GST-1										
Secondary	0.682	1,547,422	258.45	0.9463589	1,635,132	273.10	186.15	4.096%	3.719%	3.748%
Primary	0.682	8,546	1.43	0.9766343	8,750	1.46	1.00	0.022%	0.020%	0.020%
Transmission	0.682	3,571	0.60	0.9866343	3,619	0.60	0.41	0.009%	0.008%	0.008%
								4.127%	3.747%	3.776%
General Service										
GS-2 Secondary	1.000	161,981	18.44	0.9463589	171,162	19.49	19.49	0.429%	0.265%	0.278%
General Service Demand										
GSD-1, GSDT-1										
Secondary	0.749	11,824,122	1,797.93	0.9463589	12,494,332	1,899.84	1,422.40	31.296%	25.869%	26.286%
Transm Del/ Primary Mtr	0.749	1,419	0.22	0.9766343	1,453	0.22	0.17	0.004%	0.003%	0.003%
Sec Del/Primary Mtr	0.749	46,245	7.03	0.9766343	47,351	7.20	5.39	0.119%	0.098%	0.100%
Primary	0.749	2,313,813	351.83	0.9766343	2,369,170	360.25	269.71	5.934%	4.905%	4.984%
SS-1 Primary	1.166	5,602	0.55	0.9766343	5,736	0.56	0.65	0.014%	0.008%	0.008%
Transm Del/ Primary Mtr	1.166	3,474	0.34	0.9766343	3,557	0.35	0.40	0.009%	0.005%	0.005%
Transmission	1.166	11,127	1.09	0.9866343	11,278	1.10	1.28	0.028%	0.015%	0.016%
								37.404%	30.902%	31.403%
Curtailable										
CS-1, CST-1, CS-2, CST-2, SS-3										
Primary	1.305	121,852	10.63	0.9766343	124,767	10.88	14.20	0.313%	0.148%	0.161%
SS-3 Primary	0.583	3,604	0.70	0.9766343	3,690	0.72	0.42	0.009%	0.010%	0.010%
								0.322%	0.158%	0.171%
Interruptible										
IS-1, IST-1, IS-2, IST-2										
Secondary	1.009	88,539	9.99	0.9463589	93,558	10.55	10.65	0.234%	0.144%	0.151%
Sec Del/Primary Mtr	1.009	4,449	0.50	0.9766343	4,555	0.51	0.52	0.011%	0.007%	0.007%
Primary Del / Primary Mtr	1.009	1,229,525	138.66	0.9766343	1,258,941	141.98	143.32	3.153%	1.933%	2.027%
Primary Del / Transm Mtr	1.009	9,117	1.03	0.9866343	9,241	1.04	1.05	0.023%	0.014%	0.015%
Transm Del/ Primary Mtr	1.009	269,448	30.39	0.9766343	275,894	31.11	31.41	0.691%	0.424%	0.444%
Transm Del/ Transm Mtr	1.009	222,224	25.06	0.9866343	225,234	25.40	25.64	0.564%	0.346%	0.363%
SS-2 Primary	0.870	9,262	1.21	0.9766343	9,484	1.24	1.08	0.024%	0.017%	0.017%
Transm Del/ Primary Mtr	0.870	80,335	10.52	0.9766343	82,257	10.77	9.36	0.206%	0.147%	0.151%
Transmission	0.870	92,038	12.05	0.9866343	93,285	12.21	10.62	0.234%	0.166%	0.171%
								5.141%	3.197%	3.347%
Lighting										
LS-1 (Secondary)	5.506	381,551	7.89	0.9463589	403,178	8.34	45.90	1.010%	0.114%	0.182%
Total		37,922,191	6,969.01		39,922,874	7,344.16	4,544.95	100.000%	100.000%	100.000%

Notes:

(1) Average 12CP load factor based on load research study filed July 31, 2015 (FPSC rule 25-6.0437 (7))
(2) Projected mWh sales for the period Jan-Dec 2016
(3) Calculated: Column 2 / (8,784 hours x Column 1)
(4) Based on system average line loss analysis for 2014
(5) Calculated: Column 2 / Column 4
(6) Calculated: Column 3 / Column 4
(7) Calculated: Column 6 / 8,784 hours
(8) Calculated: Column 7 / Total Column 7
(9) Calculated: Column 6 / Total Column 6
(10) Calculated: Column 8 x 1/13 + Column 9 x 12/13

Rate Class	(1) 12CP 1/13 AD Demand Allocator (%)	(2) Effective mWh at Secondary Level (MWh)	(3) Capacity Production Demand Costs ($)	(4) Levy Production Demand Costs ($)	(5) CR3 Production Demand Costs ($)	(6) Capacity + Nuclear Production Demand Costs ($)	(7) Capacity CCR Factor (c/kWh)	(8) Levy CCR Factor (c/kWh)	(9) CR3 CCR Factor (c/kWh)	(10) Capacity & Nuclear CCR Factor (c/kWh)
Residential										
RS-1, RST-1, RSL-1, RSL-2, RSS-1										
Secondary	60.844%	19,482,925	$242,018,973	$0	$34,382,952	$276,401,925	**1.242**	**0.000**	**0.176**	**1.418**
General Service Non-Demand										
GS-1, GST-1										
Secondary		1,547,422					**0.963**	**0.000**	**0.137**	**1.100**
Primary		8,461					**0.953**	**0.000**	**0.136**	**1.089**
Transmission		3,500					**0.944**	**0.000**	**0.134**	**1.078**
TOTAL GS	3.776%	1,559,382	15,019,777	0	2,133,817	17,153,594				
General Service										
GS-2 Secondary	0.278%	161,981	1,105,379	0	157,038	1,262,418	**0.682**	**0.000**	**0.097**	**0.779**
General Service Demand										
GSD-1, GSDT-1, SS-1										
Secondary		11,824,122								
Primary		2,346,847								
Transmission		10,904								
TOTAL GSD	31.403%	14,181,874	124,910,579	0	17,745,693	142,656,272				
Curtailable										
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3										
Secondary		-								
Primary		124,201								
Transmission		-								
TOTAL CS	0.171%	124,201	678,598	0	96,406	775,004				
Interruptible										
IS-1, IST-1, IS-2, IST-2, SS-2										
Secondary		88,539								
Primary		1,577,089								
Transmission		316,911								
TOTAL IS	3.347%	1,982,539	13,313,331	0	1,891,387	15,204,719				
Lighting										
LS-1 Secondary	0.182%	381,551	725,778	0	103,109	828,887	**0.190**	**0.000**	**0.027**	**0.217**
Total	100.000%	37,874,454	$397,772,416	$0	$56,510,403	$454,282,819	**1.050**	**0.000**	**0.149**	**1.199**

Notes:
(1) From Schedule E12-D, Column 10
(2) Projected mWh sales at effective voltage level for Jan-Dec
(3) Column 1 x Total Recoverable Payments (Schedule E12-A)
(4) (Column 8 x Column 2) x 10
(5) Column 1 x Total Recoverable Payments (Schedule E12-A)
(6) Column 3 + Column 4 + Column 5
(7) (Column 3 / Column 2) / 10
(8) (Column 4 / Column 2) / 10
(9) (Column 5 / Column 2) / 10
(10) Column 7 + Column 8 + Column 9
(11) Class Billing kW Load Factor
(12) Column 2 x 1000 / 8,784 / Column 11 x 12
(13) Column 3 / Column 12
(14) Column 4 / Column 12
(15) Column 5 / Column 12
(16) Column 6 / Column 12

Rate Class	(1) **12CP 1/13 AD** Demand Allocator (%)	(2) Effective mWh at Secondary Level (MWh)	(3) Capacity Production Demand Costs ($)	(4) Levy Production Demand Costs ($)	(5) CR3 Production Demand Costs ($)	(6) Capacity + Nuclear Production Demand Costs ($)	(11) Billing KW Load Factor (%)	(12) Projected Effective KW at Meter Level (kW)	(13) Capacity CCR Factor ($/kW-mo)	(14) Levy CCR Factor ($/kW-mo)	(15) CR3 CCR Factor ($/kW-mo)	(16) Capacity & Nuclear CCR Factor ($/kW-mo)
Residential												
RS-1, RST-1, RSL-1, RSL-2, RSS-1												
Secondary	60.844%	19,482,925	$242,018,973	$0	$34,382,952	$276,401,925						
General Service Non-Demand												
GS-1, GST-1												
Secondary		1,547,422										
Primary		8,461										
Transmission		3,500										
TOTAL GS	3.776%	1,559,382	15,019,777	0	2,133,817	17,153,594						
General Service												
GS-2 Secondary	0.278%	161,981	1,105,379	0	157,038	1,262,418						
General Service Demand												
GSD-1, GSDT-1, SS-1												
Secondary		11,824,122							**3.45**	**0.00**	**0.49**	**3.94**
Primary		2,346,847							**3.42**	**0.00**	**0.49**	**3.90**
Transmission		10,904							**3.38**	**0.00**	**0.48**	**3.86**
TOTAL GSD	31.403%	14,181,874	124,910,579	0	17,745,693	142,656,272	53.50%	36,213,355				
Curtailable												
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3												
Secondary		-							**2.03**	**0.00**	**0.29**	**2.32**
Primary		124,201							**2.01**	**0.00**	**0.29**	**2.30**
Transmission		-							**1.99**	**0.00**	**0.28**	**2.27**
TOTAL CS	0.171%	124,201	678,598	0	96,406	775,004	50.70%	334,663				
Interruptible												
IS-1, IST-1, IS-2, IST-2, SS-2												
Secondary		88,539							**2.75**	**0.00**	**0.39**	**3.14**
Primary		1,577,089							**2.72**	**0.00**	**0.39**	**3.11**
Transmission		316,911							**2.70**	**0.00**	**0.38**	**3.08**
TOTAL IS	3.347%	1,982,539	13,313,331	0	1,891,387	15,204,719	56.00%	4,836,405				
Lighting												
LS-1 Secondary	0.182%	381,551	725,778	0	103,109	828,887						
Total	100.000%	37,874,454	$397,772,416	$0	$56,510,403	$454,282,819						

Notes:
(1) From Schedule E12-D, Column 10
(2) Projected mWh sales at effective voltage level for Jan-Dec
(3) Column 1 x Total Recoverable Payments (Schedule E12-A)
(4) (Column 8 x Column 2) x 10
(5) Column 1 x Total Recoverable Payments (Schedule E12-A)
(6) Column 3 + Column 4 + Column 5
(7) (Column 3 / Column 2) / 10
(8) (Column 4 / Column 2) / 10
(9) (Column 5 / Column 2) / 10
(10) Column 7 + Column 8 + Column 9
(11) Class Billing kW Load Factor
(12) Column 2 x 1000 / 8,784 / Column 11 x 12
(13) Column 3 / Column 12
(14) Column 4 / Column 12
(15) Column 5 / Column 12
(16) Column 6 / Column 12

***Calculation of Standby Service kW Charges:**

	Capacity + Nuclear Cost	Effective kW	$/kW
	Cost		
Total GSD, CS, IS	$158,635,996	41,384,423	3.83
SS-1, 2, 3 - $/kW-mo	Secondary	Primary	Trans
Monthly - $3.83/kW * 10%	0.383	0.379	0.375
Daily - $3.83/kW / 21	0.182	0.180	0.178

IN RE: PETITION ON BEHALF OF DUKE ENERGY FLORIDA
FOR
FUEL AND CAPACITY COST RECOVERY
FINAL TRUE-UP FOR THE PERIOD
JANUARY THROUGH JULY 2015

FPSC DOCKET NO. 150001-EI

GPIF TARGETS AND RANGES FOR
JANUARY THROUGH DECEMBER 2016

DIRECT TESTIMONY OF
MATTHEW J. JONES

SEPTEMBER 1, 2015

Q. Please state your name and business address.

A. My name is Matthew J. Jones. My business address is 526 South Church Street, Charlotte, NC 28202.

Q. By whom are you employed and in what capacity?

A. I am employed by Duke Energy as Managing Director of Analytics for Fuels and Systems Optimization.

Q. What are your responsibilities in that position?

A. As Managing Director of Analytics for Fuels and Systems Optimization, I oversee the analysis and modeling of energy portfolios for Duke Energy Florida ("DEF" or the "Company"), as well as Duke Energy Progress, Duke Energy Carolinas, Duke Energy Indiana, and Duke Energy Kentucky. These responsibilities include oversight of planning and coordination associated with economic system operations, including production cost modeling, outage coordination, dispatch pricing, fuel burn forecasting, position analysis, and commodities analytics.

Q. Please describe your educational background and professional experience.

A. I earned a B.A. in Anthropology from State University of New York in 2001. From 2001 until 2004, I worked as an Account Representative for National Loop Company in Green Island, NY. From 2004 until 2007, I attended graduate school at Indiana University – Bloomington, where I earned a Master of Business Administration and a Doctor of Jurisprudence, *cum laude*. In 2008, I joined Duke Energy as a Commercial Associate, spending a six month rotation working in Business Development and another six month rotation in the FERC Legal group. In 2009, I entered the Business Development Analytics group where I worked in dispatch pricing, production cost modeling, and fuel burn forecasting for the Duke Energy Carolinas system. In 2010, I entered the Integrated Resource Planning group to work on the Kentucky IRP model and later in 2010, I became the Director of Wholesale and Commodities Business Support, where I had the responsibility to manage wholesale ratemaking, dispatch pricing, production cost modeling, fuel burn forecasting, position reporting, budgeting for bulk power marketing, and general analytical support for Fuels Hedging, Bulk Power Marketing, and Wholesale Origination for North and South Carolina, Indiana and Kentucky. In July of 2012, I became the Director of Analytics for Fuels and System Optimization, where, in addition to the responsibilities outlined in the previous question, I was also given the responsibility for the Contract Administration and Fuels System Support organizations. In 2014, my title was changed to Managing Director and my organization now includes Quantitative Analytics.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to provide a recap of actual reward / penalty for the period of January through December 2014 and also present the development of the Company's GPIF targets and ranges for the period January through December 2016. These GPIF targets and ranges have been developed from individual unit equivalent availability, average net operating heat rate targets, and improvement/degradation ranges for each of the Company's GPIF generating units, in accordance with the Commission's GPIF Implementation Manual.

Q. What GPIF incentive amount was calculated for the period January through December 2014?

A. DEF's calculated GPIF incentive amount for this period was a penalty of $8,613,797. Please refer to my testimony filed March 17, 2015 for the details of how this incentive amount was calculated.

Q. Do you have an exhibit to your testimony?

A. Yes. I am sponsoring Exhibit No. _____ (MJJ-1P), which consists of the GPIF standard form schedules prescribed in the GPIF Implementation Manual and supporting data, including outage rates, net operating heat rates, and computer analyses and graphs for each of the individual GPIF units. This exhibit is attached to my prepared testimony and includes as its first page an index to the contents of the exhibit.

Q. Which of the Company's generating units have you included in the GPIF program for the upcoming projection period?

A. For the 2016 projection period, the GPIF program includes the following units: Bartow Unit 4, Crystal River Units 4 and 5; and Hines Units 1 through 4. Combined, these units account for 84% of the estimated total system net generation for the period.

Q. Have you determined the equivalent availability targets and improvement/degradation ranges for the Company's GPIF units?

A. Yes. This information is included in the GPIF Target and Range Summary on page 4 of my Exhibit No. ___ (MJJ-1P).

Q. How were the equivalent availability targets developed?

A. The equivalent availability targets were developed using the methodology established for the Company's GPIF units, as set forth in Section 4 of the GPIF Implementation Manual. This includes the formulation of graphs based on each unit's historic performance data for the four individual unplanned outage rates (i.e., forced, partial forced, maintenance, and partial maintenance outage rates), which in combination constitute the unit's equivalent unplanned outage rate (EUOR). From operational data and these graphs, the individual target rates are determined through a review of three years of monthly data points. The unit's four target rates are then used to calculate its unplanned outage hours for the projection period. When the unit's projected planned outage hours are taken into account, the hours calculated from these individual unplanned outage rates can then be converted into an overall equivalent unplanned outage factor (EUOF). Because factors are additive

(unlike rates), the unplanned and planned outage factors (EUOF and POF) when added to the equivalent availability factor (EAF) will always equal 100%. For example, an EUOF of 15% and POF of 10% results in an EAF of 75%.

The supporting tables and graphs for the target and range rates are contained in pages 41-76 of my exhibit in the section entitled "Unplanned Outage Rate Tables and Graphs."

Q. Please describe the methodology utilized to develop the improvement/degradation ranges for each GPIF unit's availability targets?

A. The methodology described in the GPIF Implementation Manual was used. Ranges were first established for each of the four unplanned outage rates associated with each unit. From an analysis of the unplanned outage graphs, units with small historical variations in outage rates were assigned narrow ranges and units with large variations were assigned wider ranges. These individual ranges, expressed in term of rates, were then converted into a single unit availability range, expressed in terms of a factor, using the same procedure described above for converting the availability targets from rates to factors.

Q. Were adjustments made to historical unit availability to account for significant anomalies in the historical project?

A. No.

Q. Have you determined the net operating heat rate targets and ranges for the Company's GPIF units?

A. Yes. This information is included in the Target and Range Summary on page 4 of my Exhibit No. ___ (MJJ-1P).

Q. How were these heat rate targets and ranges developed?

A. The development of the heat rate targets and ranges for the upcoming period utilized historical data from the past three years, as described in the GPIF Implementation Manual. A "least squares" procedure was used to curve-fit the heat rate data to a linear relationship with Net Operating Factor (NOF), and ranges at a 90% confidence level were also established assuming a normal distribution. The analyses and data plots used to develop the heat rate targets and ranges for each of the GPIF units are contained in pages 26-40 of my exhibit in the section entitled "Average Net Operating Heat Rate Curves."

Q. How were the GPIF incentive points developed for the unit availability and heat rate ranges?

A. GPIF incentive points for availability and heat rate were developed by evenly spreading the positive and negative point values from the target to the maximum and minimum values in the case of availability, and from the neutral band to the maximum and minimum values in the case of heat rate. The fuel savings (loss) dollars were evenly spread over the range in the same manner as described for incentive points. The maximum savings (loss) dollars are the same as those used in the calculation of the weighting factors.

Q. How were the GPIF weighting factors determined?

A. To determine the weighting factors for availability, a series of simulations was made using a production costing model in which each unit's maximum equivalent availability was substituted for the target value to obtain a new system fuel cost. The differences in fuel costs between these cases and the target case determine the contribution of each unit's availability to fuel savings. The heat rate contribution of each unit to fuel savings was determined by multiplying the BTU savings between the minimum and target heat rates (at constant generation) by the average cost per BTU for that unit. Weighting factors were then calculated by dividing each individual unit's fuel savings by total system fuel savings.

Q. What was the basis for determining the estimated maximum incentive amount?

A. The determination of the maximum reward or penalty was based upon monthly common equity projections obtained from a detailed financial simulation performed by the Company's Corporate Model.

Q. What is the Company's estimated maximum incentive amount for 2016?

A. The estimated maximum incentive for the Company is $22,342,428. The calculation of the estimated maximum incentive is shown on page 3 of my Exhibit No. ___ (MJJ-1P).

Q. Does this conclude your testimony?

A. Yes.

GPIF Targets and Ranges for January through December 2016

STANDARD FORM GPIF SCHEDULES

Original Sheet No. 7.101.1

GENERATING PERFORMANCE INCENTIVE FACTOR

REWARD/PENALTY TABLE

ESTIMATED

Duke Energy Florida
Period of: January 2016 - December 2016

Generating Performance Incentive Points (GPIF)	Fuel Saving/Loss ($)	Generating Performance Incentive Factor ($)
10	$57,221,706	$22,342,428
9	$51,499,535	$20,108,186
8	$45,777,365	$17,873,943
7	$40,055,194	$15,639,700
6	$34,333,023	$13,405,457
5	$28,610,853	$11,171,214
4	$22,888,682	$8,936,971
3	$17,166,512	$6,702,729
2	$11,444,341	$4,468,486
1	$5,722,171	$2,234,243
0	$0	$0
-1	($6,836,061)	($2,234,243)
-2	($13,672,121)	($4,468,486)
-3	($20,508,182)	($6,702,729)
-4	($27,344,242)	($8,936,971)
-5	($34,180,303)	($11,171,214)
-6	($41,016,363)	($13,405,457)
-7	($47,852,424)	($15,639,700)
-8	($54,688,485)	($17,873,943)
-9	($61,524,545)	($20,108,186)
-10	($68,360,606)	($22,342,428)

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

Original Sheet No. 7.102.1

GENERATION PERFORMANCE INCENTIVE FACTOR

CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

ESTIMATED

Duke Energy Florida
Period of: January 2016 - December 2016

1	Beginning of period balance of common equity	$5,285,029,294	
	END OF MONTH BALANCE OF COMMON EQUITY:		
2	Month of JANUARY 2016	$5,324,095,190	
3	Month of FEBRUARY 2016	$5,364,278,973	
4	Month of MARCH 2016	$5,400,440,031	
5	Month of APRIL 2016	$5,436,091,382	
6	Month of MAY 2016	$5,492,406,994	
7	Month of JUNE 2016	$5,557,057,474	
8	Month of JULY 2016	$5,624,764,557	
9	Month of AUGUST 2016	$5,621,156,513	
10	Month of SEPTEMBER 2016	$5,683,651,656	
11	Month of OCTOBER 2016	$5,732,968,638	
12	Month of NOVEMBER 2016	$5,762,061,008	
13	Month of DECEMBER 2016	$5,799,894,772	
14	Average common equity for the period (Summation of LINE 1 through LINE 13 divided by 13)	$5,544,915,114	
15	25 Basis Points	0.0025	
16	Revenue Expansion Factor	61.3808%	
17	Maximum allowed incentive dollars (LINE 14 times LINE 15 divided by LINE 16)	$22,584,078	
18	Jurisdictional Sales	37,922,190	MWH
19	Total Sales	38,331,838	MWH
20	Jurisdictional Separation Factor (LINE 18 divided by LINE 19)	98.93%	
21	Maximum allowed jurisdictional incentive dollars (LINE 17 times LINE 20)	$22,342,428	
22	Incentive Cap (50% of Projected Fuel Savings at 10 GPIF Point Level) From Sheet No. 7.101.1	$28,610,853	
23	Maximum Allowed GPIF Reward (Lesser of Line 21 and Line 22)	$22,342,428	

Issued by: Duke Energy Florida

Filed:
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GPIF TARGET AND RANGE SUMMARY

Duke Energy Florida
Period of: January 2016 - December 2016

Plant/Unit	Weighting Factor (%)	EAF Target (%)	EAF RANGE Max. (%)	EAF RANGE Min. (%)	Max. Fuel Savings ($000)	Max. Fuel Loss ($000)
Bartow 4	2.57	88.61	91.04	83.67	1,471	(4,321)
Crystal River 4	1.63	83.19	87.42	74.93	934	(2,418)
Crystal River 5	1.80	94.56	97.11	89.38	1,031	(1,013)
Hines 1	0.72	92.45	93.18	90.93	413	(921)
Hines 2	9.44	57.57	69.41	32.70	5,403	(10,865)
Hines 3	1.80	82.93	84.47	79.76	1,028	(1,484)
Hines 4	0.44	84.95	85.48	83.86	250	(647)
GPIF System	18.40				10,530	(21,669)

Plant/Unit	Weighting Factor (%)	ANOHR Target (BTU/KWH)	NOF	ANOHR RANGE Min. (BTU/KWH)	ANOHR RANGE Max. (BTU/KWH)	Max. Fuel Savings ($000)	Max. Fuel Loss ($000)
Bartow 4	22.98	7,427	82.7	6,984	7,870	13,149	(13,149)
Crystal River 4	9.14	10,465	71.0	10,053	10,878	5,227	(5,227)
Crystal River 5	12.92	10,345	71.7	9,851	10,838	7,392	(7,392)
Hines 1	11.81	7,319	96.7	6,855	7,782	6,758	(6,758)
Hines 2	5.22	7,343	80.5	6,931	7,755	2,987	(2,987)
Hines 3	11.01	7,227	90.2	6,745	7,708	6,298	(6,298)
Hines 4	8.53	6,983	97.3	6,634	7,333	4,880	(4,880)
GPIF System	81.60					46,692	(46,692)

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COMPARISON OF GPIF TARGETS VS. PRIOR PERIODS' ACTUAL PERFORMANCE AVAILABILITY

Duke Energy Florida
Period of: January 2016 - December 2016

Plant/Unit	Target Wt. Factor	Norm. Wt. Factor	Target POF	Target EUOF	Target EUOR	Actual Performance 1st Prior Period Jan-Jun 2015 POF	1st Prior Period Jan-Jun 2015 EUOF	1st Prior Period Jan-Jun 2015 EUOR	Actual Performance 2nd Prior Period Jan-Dec 2014 POF	2nd Prior Period Jan-Dec 2014 EUOF	2nd Prior Period Jan-Dec 2014 EUOR
Bartow 4	2.57	13.97	6.22	5.17	5.17	8.34	4.67	5.21	10.01	7.84	8.92
Crystal River 4	1.63	8.87	7.65	9.16	10.57	0.00	5.47	5.47	0.00	16.59	17.95
Crystal River 5	1.80	9.79	0.00	5.44	5.54	0.00	2.13	2.71	5.43	6.09	6.53
Hines 1	0.72	3.92	6.01	1.54	1.65	30.53	1.04	1.51	0.00	1.02	1.12
Hines 2	9.44	51.31	17.49	24.95	34.70	0.00	92.02	92.02	0.00	49.02	54.59
Hines 3	1.80	9.76	13.80	3.27	3.77	11.47	1.06	1.21	5.88	7.75	9.01
Hines 4	0.44	2.37	13.93	1.11	1.29	0.00	1.07	1.08	4.03	2.58	2.95
GPIF System Wghtd. Avg.	18.40	100.00	12.43	15.27	20.47	3.48	48.73	48.90	2.60	29.17	32.48

Plant/Unit	Actual Performance 3rd Prior Period Jan-Dec 2013 POF	3rd Prior Period Jan-Dec 2013 EUOF	3rd Prior Period Jan-Dec 2013 EUOR	Actual Performance 4th Prior Period Jan-Dec 2012 POF	4th Prior Period Jan-Dec 2012 EUOF	4th Prior Period Jan-Dec 2012 EUOR	Actual Performance 5th Prior Period Jan-Dec 2011 POF	5th Prior Period Jan-Dec 2011 EUOF	5th Prior Period Jan-Dec 2011 EUOR
Bartow 4	4.62	2.43	2.71	10.82	2.56	3.04	4.98	3.65	4.03
Crystal River 4	5.90	7.19	7.64	0.00	5.95	5.95	16.53	2.94	3.53
Crystal River 5	0.00	5.62	6.27	17.85	3.76	4.70	7.84	4.09	4.44
Hines 1	6.84	1.51	1.87	6.77	4.45	4.77	21.17	3.65	4.66
Hines 2	5.66	2.21	2.47	6.43	0.14	0.16	16.09	2.92	3.55
Hines 3	1.96	1.72	1.75	19.47	0.29	0.36	10.39	0.86	0.96
Hines 4	8.11	0.36	0.39	9.88	0.80	0.89	13.27	1.81	2.14
GPIF System Wghtd. Avg.	4.72	2.90	3.19	8.96	1.55	1.74	13.35	2.94	3.46

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COMPARISON OF GPIF TARGETS VS. PRIOR PERIODS' ACTUAL PERFORMANCE
AVERAGE NET OPERATING HEAT RATE

Duke Energy Florida
Period of: January 2016 - December 2016

Plant/Unit	Target Wt. Factor	Norm. Wt. Factor	Average Heat Rate Target	1st Prior HR Jan 2014 - Dec 2014	2nd Prior HR Jan 2013 - Dec 2013	3rd Prior HR Jan 2012 - Dec 2012
Bartow 4	22.98	28.16	7,427	7,424	7,462	7,249
Crystal River 4	9.14	11.20	10,465	10,458	10,536	10,523
Crystal River 5	12.92	15.83	10,345	10,210	10,442	10,494
Hines 1	11.81	14.47	7,319	7,350	7,267	7,288
Hines 2	5.22	6.40	7,343	7,502	7,302	7,145
Hines 3	11.01	13.49	7,227	7,243	7,171	7,296
Hines 4	8.53	10.45	6,983	7,010	6,957	6,889
			-	-	-	-
			-	-	-	-
			-	-	-	-
			-	-	-	-
			-	-	-	-
GPIF System Weighted Avg.	81.60	100.00	8,135	8,131	8,147	8,429

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DERIVATION OF WEIGHTING FACTORS

Duke Energy Florida
Period of: January 2016 - December 2016

Unit Performance Indicator	Production Costing Simulation Fuel Cost ($000) At Target (1)	At Maximum Improvement (2)	Savings (3)	Weighting Factor (% of Savings)
Bartow 4 EAF	1,998,390	1,996,919	1,471	2.57
Bartow 4 HR	1,998,390	1,985,241	13,149	22.98
Crystal River 4 EAF	1,998,390	1,997,456	934	1.63
Crystal River 4 HR	1,998,390	1,993,163	5,227	9.14
Crystal River 5 EAF	1,998,390	1,997,359	1,031	1.80
Crystal River 5 HR	1,998,390	1,990,998	7,392	12.92
Hines 1 EAF	1,998,390	1,997,977	413	0.72
Hines 1 HR	1,998,390	1,991,632	6,758	11.81
Hines 2 EAF	1,998,390	1,992,987	5,403	9.44
Hines 2 HR	1,998,390	1,995,403	2,987	5.22
Hines 3 EAF	1,998,390	1,997,362	1,028	1.80
Hines 3 HR	1,998,390	1,992,092	6,298	11.01
Hines 4 EAF	1,998,390	1,998,140	250	0.44
Hines 4 HR	1,998,390	1,993,510	4,880	8.53

1. Fuel Adjustment Base Case - all unit performance indicators at Target.
2. All other unit performance indicators at Target.
3. Expressed in replacement costs.

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INCENTIVE POINTS TABLES

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Period of: January 2016 - December 2016

Bartow 4

Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)
10	$1,471,000	91.04	10	$13,148,959	6,984.4
9	$1,323,900	90.79	9	$11,834,063	7,021.2
8	$1,176,800	90.55	8	$10,519,168	7,057.9
7	$1,029,700	90.31	7	$9,204,272	7,094.7
6	$882,600	90.07	6	$7,889,376	7,131.5
5	$735,500	89.82	5	$6,574,480	7,168.3
4	$588,400	89.58	4	$5,259,584	7,205.1
3	$441,300	89.34	3	$3,944,688	7,241.9
2	$294,200	89.10	2	$2,629,792	7,278.7
1	$147,100	88.85	1	$1,314,896	7,315.5
					7,352.3
0	$0	88.61	0	$0	7,427.3
					7,502.3
-1	($432,100)	88.12	-1	($1,314,896)	7,539.0
-2	($864,200)	87.62	-2	($2,629,792)	7,575.8
-3	($1,296,300)	87.13	-3	($3,944,688)	7,612.6
-4	($1,728,400)	86.64	-4	($5,259,584)	7,649.4
-5	($2,160,500)	86.14	-5	($6,574,480)	7,686.2
-6	($2,592,600)	85.65	-6	($7,889,376)	7,723.0
-7	($3,024,700)	85.15	-7	($9,204,272)	7,759.8
-8	($3,456,800)	84.66	-8	($10,519,168)	7,796.6
-9	($3,888,900)	84.17	-9	($11,834,063)	7,833.4
-10	($4,321,000)	83.67	-10	($13,148,959)	7,870.1

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
2.57%	22.98%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Period of: January 2016 - December 2016

Crystal River 4

Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)
10	$934,000	87.42	10	$5,227,404	10,052.7
9	$840,600	87.00	9	$4,704,664	10,086.4
8	$747,200	86.57	8	$4,181,924	10,120.2
7	$653,800	86.15	7	$3,659,183	10,154.0
6	$560,400	85.73	6	$3,136,443	10,187.8
5	$467,000	85.30	5	$2,613,702	10,221.5
4	$373,600	84.88	4	$2,090,962	10,255.3
3	$280,200	84.46	3	$1,568,221	10,289.1
2	$186,800	84.04	2	$1,045,481	10,322.9
1	$93,400	83.61	1	$522,740	10,356.6
					10,390.4
0	$0	83.19	0	$0	10,465.4
					10,540.4
-1	($241,800)	82.36	-1	($522,740)	10,574.2
-2	($483,600)	81.54	-2	($1,045,481)	10,607.9
-3	($725,400)	80.71	-3	($1,568,221)	10,641.7
-4	($967,200)	79.89	-4	($2,090,962)	10,675.5
-5	($1,209,000)	79.06	-5	($2,613,702)	10,709.3
-6	($1,450,800)	78.24	-6	($3,136,443)	10,743.0
-7	($1,692,600)	77.41	-7	($3,659,183)	10,776.8
-8	($1,934,400)	76.59	-8	($4,181,924)	10,810.6
-9	($2,176,200)	75.76	-9	($4,704,664)	10,844.4
-10	($2,418,000)	74.93	-10	($5,227,404)	10,878.1

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
1.63%	9.14%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Period of: January 2016 - December 2016

Crystal River 5

Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)
10	$1,031,000	97.11	10	$7,392,033	9,851.5
9	$927,900	96.85	9	$6,652,830	9,893.3
8	$824,800	96.60	8	$5,913,626	9,935.1
7	$721,700	96.34	7	$5,174,423	9,976.9
6	$618,600	96.09	6	$4,435,220	10,018.7
5	$515,500	95.83	5	$3,696,016	10,060.5
4	$412,400	95.58	4	$2,956,813	10,102.3
3	$309,300	95.32	3	$2,217,610	10,144.1
2	$206,200	95.07	2	$1,478,407	10,185.9
1	$103,100	94.81	1	$739,203	10,227.7
					10,269.5
0	$0	94.56	0	$0	10,344.5
					10,419.5
-1	($101,300)	94.04	-1	($739,203)	10,461.3
-2	($202,600)	93.52	-2	($1,478,407)	10,503.2
-3	($303,900)	93.00	-3	($2,217,610)	10,545.0
-4	($405,200)	92.49	-4	($2,956,813)	10,586.8
-5	($506,500)	91.97	-5	($3,696,016)	10,628.6
-6	($607,800)	91.45	-6	($4,435,220)	10,670.4
-7	($709,100)	90.93	-7	($5,174,423)	10,712.2
-8	($810,400)	90.41	-8	($5,913,626)	10,754.0
-9	($911,700)	89.90	-9	($6,652,830)	10,795.8
-10	($1,013,000)	89.38	-10	($7,392,033)	10,837.6

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
1.80%	12.92%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Period of: January 2016 - December 2016

Hines 1

Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)
10	$413,000	93.18	10	$6,758,396	6,855.2
9	$371,700	93.11	9	$6,082,556	6,894.0
8	$330,400	93.03	8	$5,406,717	6,932.9
7	$289,100	92.96	7	$4,730,877	6,971.7
6	$247,800	92.89	6	$4,055,038	7,010.6
5	$206,500	92.81	5	$3,379,198	7,049.4
4	$165,200	92.74	4	$2,703,358	7,088.3
3	$123,900	92.67	3	$2,027,519	7,127.1
2	$82,600	92.60	2	$1,351,679	7,166.0
1	$41,300	92.52	1	$675,840	7,204.8
					7,243.6
0	$0	92.45	0	$0	7,318.6
					7,393.6
-1	($92,100)	92.30	-1	($675,840)	7,432.5
-2	($184,200)	92.15	-2	($1,351,679)	7,471.3
-3	($276,300)	91.99	-3	($2,027,519)	7,510.2
-4	($368,400)	91.84	-4	($2,703,358)	7,549.0
-5	($460,500)	91.69	-5	($3,379,198)	7,587.9
-6	($552,600)	91.54	-6	($4,055,038)	7,626.7
-7	($644,700)	91.39	-7	($4,730,877)	7,665.6
-8	($736,800)	91.24	-8	($5,406,717)	7,704.4
-9	($828,900)	91.08	-9	($6,082,556)	7,743.3
-10	($921,000)	90.93	-10	($6,758,396)	7,782.1

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
0.72%	11.81%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Period of: January 2016 - December 2016

Hines 2

Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)
10	$5,403,000	69.41	10	$2,986,687	6,930.8
9	$4,862,700	68.22	9	$2,688,019	6,964.5
8	$4,322,400	67.04	8	$2,389,350	6,998.2
7	$3,782,100	65.85	7	$2,090,681	7,032.0
6	$3,241,800	64.67	6	$1,792,012	7,065.7
5	$2,701,500	63.49	5	$1,493,344	7,099.4
4	$2,161,200	62.30	4	$1,194,675	7,133.2
3	$1,620,900	61.12	3	$896,006	7,166.9
2	$1,080,600	59.94	2	$597,337	7,200.6
1	$540,300	58.75	1	$298,669	7,234.4
					7,268.1
0	$0	57.57	0	$0	7,343.1
					7,418.1
-1	($1,086,500)	55.08	-1	($298,669)	7,451.8
-2	($2,173,000)	52.59	-2	($597,337)	7,485.6
-3	($3,259,500)	50.11	-3	($896,006)	7,519.3
-4	($4,346,000)	47.62	-4	($1,194,675)	7,553.0
-5	($5,432,500)	45.13	-5	($1,493,344)	7,586.8
-6	($6,519,000)	42.65	-6	($1,792,012)	7,620.5
-7	($7,605,500)	40.16	-7	($2,090,681)	7,654.2
-8	($8,692,000)	37.67	-8	($2,389,350)	7,688.0
-9	($9,778,500)	35.19	-9	($2,688,019)	7,721.7
-10	($10,865,000)	32.70	-10	($2,986,687)	7,755.4

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
9.44%	5.22%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Period of: January 2016 - December 2016

Hines 3

Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)
10	$1,028,000	84.47	10	$6,297,885	6,745.5
9	$925,200	84.32	9	$5,668,097	6,786.1
8	$822,400	84.16	8	$5,038,308	6,826.7
7	$719,600	84.01	7	$4,408,520	6,867.3
6	$616,800	83.85	6	$3,778,731	6,907.9
5	$514,000	83.70	5	$3,148,943	6,948.5
4	$411,200	83.54	4	$2,519,154	6,989.1
3	$308,400	83.39	3	$1,889,366	7,029.7
2	$205,600	83.24	2	$1,259,577	7,070.3
1	$102,800	83.08	1	$629,789	7,110.9
					7,151.5
0	$0	82.93	0	$0	7,226.5
					7,301.5
-1	($148,390)	82.61	-1	($629,789)	7,342.1
-2	($296,780)	82.30	-2	($1,259,577)	7,382.7
-3	($445,170)	81.98	-3	($1,889,366)	7,423.3
-4	($593,560)	81.66	-4	($2,519,154)	7,463.9
-5	($741,950)	81.35	-5	($3,148,943)	7,504.5
-6	($890,340)	81.03	-6	($3,778,731)	7,545.1
-7	($1,038,730)	80.71	-7	($4,408,520)	7,585.7
-8	($1,187,120)	80.40	-8	($5,038,308)	7,626.3
-9	($1,335,510)	80.08	-9	($5,668,097)	7,666.9
-10	($1,483,900)	79.76	-10	($6,297,885)	7,707.5

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
1.80%	11.01%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Period of: January 2016 - December 2016

Hines 4

Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)
10	$250,000	85.48	10	$4,880,340	6,633.6
9	$225,000	85.43	9	$4,392,306	6,661.1
8	$200,000	85.37	8	$3,904,272	6,688.5
7	$175,000	85.32	7	$3,416,238	6,716.0
6	$150,000	85.27	6	$2,928,204	6,743.5
5	$125,000	85.22	5	$2,440,170	6,771.0
4	$100,000	85.16	4	$1,952,136	6,798.5
3	$75,000	85.11	3	$1,464,102	6,826.0
2	$50,000	85.06	2	$976,068	6,853.5
1	$25,000	85.01	1	$488,034	6,881.0
					6,908.5
0	$0	84.95	0	$0	6,983.5
					7,058.5
-1	($64,700)	84.84	-1	($488,034)	7,086.0
-2	($129,400)	84.73	-2	($976,068)	7,113.5
-3	($194,100)	84.62	-3	($1,464,102)	7,141.0
-4	($258,800)	84.51	-4	($1,952,136)	7,168.4
-5	($323,500)	84.40	-5	($2,440,170)	7,195.9
-6	($388,200)	84.29	-6	($2,928,204)	7,223.4
-7	($452,900)	84.18	-7	($3,416,238)	7,250.9
-8	($517,600)	84.07	-8	($3,904,272)	7,278.4
-9	($582,300)	83.97	-9	($4,392,306)	7,305.9
-10	($647,000)	83.86	-10	($4,880,340)	7,333.4

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
0.44%	8.53%

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UNIT PERFORMANCE DATA

Original Sheet No. 7.107.1

ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2016 - December 2016

PLANT/UNIT **Bartow 4**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	93.21	69.83	64.18	76.49	94.83	94.83	94.83	94.83	94.83	94.83	94.83	94.83	88.61
2. POF	1.61	25.00	30.65	18.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.22
3. EUOF	5.17	5.17	5.17	5.17	5.17	5.17	5.17	5.17	5.17	5.17	5.17	5.17	5.17
4. EUOR	5.17	5.17	5.17	5.17	5.17	5.17	5.17	5.17	5.17	5.17	5.17	5.17	5.17
5. PH	744	696	744	720	744	720	744	744	720	744	720	744	8,784
6. SH	709.5	663.7	709.5	686.6	709.5	686.6	709.5	709.5	686.6	709.5	686.6	709.5	8,376.3
7. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8. UH	34.5	32.3	34.5	33.4	34.5	33.4	34.5	34.5	33.4	34.5	33.4	34.5	407.7
9. POH & PPOH	12.0	174.0	228.0	132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	546.0
10. FOH & PFOH	25.9	24.2	25.9	25.0	25.9	25.0	25.9	25.9	25.0	25.9	25.0	25.9	305.6
11. MOH & PMOH	12.6	11.8	12.6	12.2	12.6	12.2	12.6	12.6	12.2	12.6	12.2	12.6	148.9
12. Oper. Btu(MBtu)	4,888,502	4,029,281	3,890,474	4,402,692	5,402,350	5,261,368	5,457,923	5,390,899	5,370,664	5,355,961	5,128,730	5,082,311	59,798,304
13. Net Gen. (MWH)	653,716.0	527,404.0	501,924.0	581,338.0	737,247.0	719,021.0	746,533.0	735,340.0	737,401.0	729,535.0	696,994.0	684,745.0	8,051,198.0
14. ANOHR (Btu/KWH)	7,478	7,640	7,751	7,573	7,328	7,317	7,311	7,331	7,283	7,342	7,358	7,422	7,427
15. NOF (%)	79.3	68.4	60.9	72.9	89.4	90.1	90.6	89.2	92.4	88.5	87.4	83.1	82.7
16. NSC (MW)	1162	1162	1162	1162	1162	1162	1162	1162	1162	1162	1162	1162	1162
17. ANOHR Equation	ANOHR=	-14.832 x NOF +		8,654.2									

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2016 - December 2016

PLANT/UNIT **Crystal River 4**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	90.49	80.79	17.52	89.94	89.61	89.54	89.53	89.49	89.48	89.53	91.81	91.28	83.19
2. POF	0.00	10.34	80.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.65
3. EUOF	9.51	8.87	1.84	10.06	10.39	10.46	10.47	10.51	10.52	10.47	8.19	8.72	9.16
4. EUOR	10.57	10.57	10.57	10.57	10.57	10.57	10.57	10.57	10.57	10.57	10.57	10.57	10.57
5. PH	744	696	744	720	744	720	744	744	720	744	720	744	8,784
6. SH	608.6	530.8	117.4	622.8	664.6	647.5	669.7	672.3	651.2	670.1	506.8	557.7	6,919.6
7. RSH	74.4	40.0	14.8	34.8	12.8	7.6	7.2	4.4	3.6	6.8	162.4	130.4	499.2
8. UH	61.0	125.2	611.8	62.4	66.6	64.9	67.1	67.3	65.2	67.1	50.8	55.9	1365.2
9. POH & PPOH	0.0	72.0	600.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	672.0
10. FOH & PFOH	30.8	26.8	5.9	31.5	33.6	32.8	33.9	34.0	32.9	33.9	25.6	28.2	350.0
11. MOH & PMOH	40.0	34.9	7.7	40.9	43.7	42.5	44.0	44.2	42.8	44.0	33.3	36.6	454.7
12. Oper. Btu(MBtu)	2,973,853	2,625,302	549,418	3,296,550	3,360,521	3,486,394	3,746,561	3,883,976	3,955,830	3,722,020	2,296,460	2,703,630	36,609,578
13. Net Gen. (MWH)	283,402.0	250,284.0	52,287.0	315,000.0	320,610.0	333,342.0	358,719.0	372,332.0	379,979.0	356,275.0	218,339.0	257,585.0	3,498,154.0
14. ANOHR (Btu/KWH)	10,493	10,489	10,508	10,465	10,482	10,459	10,444	10,431	10,411	10,447	10,518	10,496	10,465
15. NOF (%)	65.4	66.2	62.5	71.0	67.8	72.3	75.2	77.8	82.0	74.7	60.5	64.9	71.0
16. NSC (MW)	712	712	712	712	712	712	712	712	712	712	712	712	712
17. ANOHR Equation	ANOHR=	-4.998 x NOF +		10,820.3									

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2016 - December 2016

PLANT/UNIT **Crystal River 5**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	94.53	94.62	94.48	94.85	94.47	94.50	94.51	94.53	94.48	94.49	94.77	94.49	94.56
2. POF	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
3. EUOF	5.47	5.38	5.52	5.15	5.53	5.50	5.49	5.47	5.52	5.51	5.23	5.51	5.44
4. EUOR	5.54	5.54	5.54	5.54	5.54	5.54	5.54	5.54	5.54	5.54	5.54	5.54	5.54
5. PH	744	696	744	720	744	720	744	744	720	744	720	744	8,784
6. SH	701.7	645.2	708.2	639.1	708.5	682.6	703.2	700.9	684.9	707.0	649.4	707.0	8,237.5
7. RSH	8.8	20.0	2.0	50.4	1.6	4.8	7.2	9.6	2.4	3.2	39.6	3.2	152.8
8. UH	33.5	30.8	33.8	30.5	33.9	32.6	33.6	33.5	32.7	33.8	31.0	33.8	393.7
9. POH & PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. FOH & PFOH	25.5	23.5	25.8	23.2	25.8	24.8	25.6	25.5	24.9	25.7	23.6	25.7	299.7
11. MOH & PMOH	15.2	14.0	15.3	13.8	15.3	14.8	15.2	15.2	14.8	15.3	14.1	15.3	178.4
12. Oper. Btu(MBtu)	3,762,006	3,456,898	4,036,808	2,935,492	3,640,349	3,553,396	3,704,510	3,556,985	3,871,603	3,818,637	3,289,807	3,749,466	43,409,430
13. Net Gen. (MWH)	365,175.0	335,507.0	398,081.0	275,737.0	349,865.0	342,531.0	358,087.0	340,917.0	380,928.0	371,339.0	315,191.0	363,003.0	4,196,361.0
14. ANOHR (Btu/KWH)	10,302	10,304	10,141	10,646	10,405	10,374	10,345	10,434	10,164	10,283	10,438	10,329	10,345
15. NOF (%)	73.3	73.2	79.2	60.8	69.5	70.7	71.7	68.5	78.3	74.0	68.4	72.3	71.7
16. NSC (MW)	710	710	710	710	710	710	710	710	710	710	710	710	710
17. ANOHR Equation	ANOHR=	-27.458 x NOF +		12,314.6									

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2016 - December 2016

PLANT/UNIT **Hines 1**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	98.40	98.35	57.11	68.86	98.35	98.35	98.35	98.35	98.35	98.35	98.37	98.41	92.45
2. POF	0.00	0.00	41.94	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.01
3. EUOF	1.60	1.65	0.96	1.14	1.65	1.65	1.65	1.65	1.65	1.65	1.63	1.59	1.54
4. EUOR	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65	1.65
5. PH	744	696	744	720	744	720	744	744	720	744	720	744	8,784
6. SH	714.7	688.5	427.7	490.7	736.7	712.9	736.1	736.1	711.1	736.1	705.2	707.0	8,102.7
7. RSH	22.2	0.6	0.0	8.4	0.0	0.0	0.6	0.6	1.8	0.6	7.8	30.0	72.6
8. UH	7.1	6.9	316.3	220.9	7.3	7.1	7.3	7.3	7.1	7.3	7.0	7.0	608.7
9. POH & PPOH	0.0	0.0	312.0	216.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	528.0
10. FOH & PFOH	6.8	6.6	4.1	4.7	7.0	6.8	7.0	7.0	6.8	7.0	6.7	6.7	77.3
11. MOH & PMOH	5.1	4.9	3.1	3.5	5.3	5.1	5.3	5.3	5.1	5.3	5.0	5.1	57.9
12. Oper. Btu(MBtu)	2,555,721	2,532,192	1,599,774	1,762,128	2,742,114	2,667,147	2,767,257	2,756,890	2,620,484	2,729,350	2,478,271	2,490,692	29,706,762
13. Net Gen. (MWH)	347,217.0	346,243.0	219,631.0	239,625.0	376,029.0	366,198.0	380,395.0	378,622.0	358,486.0	373,932.0	335,405.0	337,268.0	4,059,051.0
14. ANOHR (Btu/KWH)	7,361	7,313	7,284	7,354	7,292	7,283	7,275	7,281	7,310	7,299	7,389	7,385	7,319
15. NOF (%)	93.8	97.1	99.1	94.3	98.5	99.2	99.8	99.3	97.3	98.1	91.8	92.1	96.7
16. NSC (MW)	518	518	518	518	518	518	518	518	518	518	518	518	518
17. ANOHR Equation	ANOHR=	-14.372 x NOF +		8,708.5									

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2016 - December 2016

PLANT/UNIT **Hines 2**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	75.21	38.62	24.81	63.16	68.31	69.93	70.74	67.81	70.48	32.77	30.54	77.34	57.57
2. POF	0.00	39.66	50.00	6.67	0.00	0.00	0.00	0.00	0.00	54.84	60.00	0.00	17.49
3. EUOF	24.79	21.73	25.19	30.18	31.69	30.07	29.26	32.19	29.52	12.39	9.46	22.66	24.95
4. EUOR	34.70	34.70	34.70	34.70	34.70	34.70	34.70	34.70	34.70	34.70	34.70	34.70	34.70
5. PH	744	696	744	720	744	720	744	744	720	744	720	744	8,784
6. SH	347.5	284.9	353.1	409.3	444.2	407.9	410.1	451.2	400.4	173.6	128.4	317.6	4,128.3
7. RSH	212.4	260.2	203.8	93.8	64.4	96.0	116.6	53.8	107.4	70.4	91.6	258.2	1628.6
8. UH	184.1	150.9	187.1	216.9	235.4	216.1	217.3	239.0	212.2	500.0	500.0	168.2	3027.1
9. POH & PPOH	0.0	276.0	372.0	48.0	0.0	0.0	0.0	0.0	0.0	408.0	432.0	0.0	1536.0
10. FOH & PFOH	184.2	151.0	187.1	216.9	235.4	216.2	217.3	239.1	212.2	92.0	68.0	168.3	2187.8
11. MOH & PMOH	0.3	0.2	0.3	0.3	0.4	0.3	0.3	0.4	0.3	0.1	0.1	0.3	3.4
12. Oper. Btu(MBtu)	1,150,191	562,718	601,700	1,273,640	1,668,343	1,460,506	1,422,583	1,849,827	1,558,308	576,463	289,277	892,886	13,318,911
13. Net Gen. (MWH)	156,710.0	76,095.0	81,244.0	173,334.0	227,886.0	199,297.0	193,998.0	253,177.0	213,022.0	78,546.0	39,179.0	121,310.0	1,813,798.0
14. ANOHR (Btu/KWH)	7,340	7,395	7,406	7,348	7,321	7,328	7,333	7,306	7,315	7,339	7,383	7,360	7,343
15. NOF (%)	82.6	48.9	42.1	77.6	94.0	89.5	86.6	102.8	97.4	82.9	55.9	70.0	80.5
16. NSC (MW)	546	546	546	546	546	546	546	546	546	546	546	546	546
17. ANOHR Equation	ANOHR=	-1.643 x NOF +		7,475.3									

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2016 - December 2016

PLANT/UNIT **Hines 3**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	96.46	96.33	96.23	60.97	18.67	96.27	96.24	96.26	96.25	83.40	61.85	96.54	82.93
2. POF	0.00	0.00	0.00	36.67	80.65	0.00	0.00	0.00	0.00	12.90	35.00	0.00	13.80
3. EUOF	3.54	3.67	3.77	2.36	0.69	3.73	3.76	3.74	3.75	3.70	3.15	3.46	3.27
4. EUOR	3.77	3.77	3.77	3.77	3.77	3.77	3.77	3.77	3.77	3.77	3.77	3.77	3.77
5. PH	744	696	744	720	744	720	744	744	720	744	720	744	8,784
6. SH	672.9	653.0	716.9	435.0	130.6	687.6	715.7	711.5	690.3	704.2	579.3	658.8	7,355.8
7. RSH	46.4	19.0	0.8	5.0	8.6	7.2	2.0	6.4	4.4	14.0	119.4	61.0	294.2
8. UH	24.7	24.0	26.3	280.0	604.8	25.2	26.3	26.1	25.3	25.8	21.3	24.2	1134.0
9. POH & PPOH	0.0	0.0	0.0	264.0	600.0	0.0	0.0	0.0	0.0	96.0	252.0	0.0	1212.0
10. FOH & PFOH	9.6	9.3	10.2	6.2	1.9	9.8	10.2	10.1	9.8	10.0	8.2	9.4	104.7
11. MOH & PMOH	16.7	16.2	17.8	10.8	3.2	17.1	17.8	17.7	17.2	17.5	14.4	16.4	182.8
12. Oper. Btu(MBtu)	2,363,761	2,424,909	2,673,524	1,606,051	495,508	2,491,568	2,696,144	2,627,469	2,588,298	2,299,066	1,471,445	2,327,974	26,093,699
13. Net Gen. (MWH)	326,718.0	337,447.0	372,248.0	223,332.0	69,145.0	345,670.0	375,882.0	365,381.0	360,633.0	315,191.0	197,192.0	321,995.0	3,610,834.0
14. ANOHR (Btu/KWH)	7,235	7,186	7,182	7,191	7,166	7,208	7,173	7,191	7,177	7,294	7,462	7,230	7,227
15. NOF (%)	89.3	95.0	95.5	94.4	97.3	92.4	96.5	94.4	96.0	82.3	62.6	89.8	90.2
16. NSC (MW)	544	544	544	544	544	544	544	544	544	544	544	544	544
17. ANOHR Equation	ANOHR=	-8.512 x NOF +		7,994.6									

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2016 - December 2016

PLANT/UNIT **Hines 4**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	98.71	98.71	98.71	98.71	98.71	98.71	98.71	98.71	6.58	25.47	98.71	98.71	84.95
2. POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93.33	74.19	0.00	0.00	13.93
3. EUOF	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	0.09	0.33	1.29	1.29	1.11
4. EUOR	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29
5. PH	744	696	744	720	744	720	744	744	720	744	720	744	8,784
6. SH	735.2	687.7	736.4	710.7	735.2	711.5	736.4	735.0	47.5	189.5	711.5	733.1	7,469.8
7. RSH	1.2	1.2	0.0	2.0	1.2	1.2	0.0	1.4	0.0	0.6	1.2	3.4	13.4
8. UH	7.6	7.1	7.6	7.3	7.6	7.3	7.6	7.6	672.5	553.9	7.3	7.5	1300.8
9. POH & PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	672.0	552.0	0.0	0.0	1224.0
10. FOH & PFOH	6.4	6.0	6.4	6.2	6.4	6.2	6.4	6.4	0.4	1.7	6.2	6.4	65.2
11. MOH & PMOH	3.2	3.0	3.2	3.1	3.2	3.1	3.2	3.2	0.2	0.8	3.1	3.2	32.5
12. Oper. Btu(MBtu)	2,617,056	2,452,246	2,663,702	2,539,940	2,643,310	2,584,824	2,702,337	2,645,050	171,924	672,146	2,499,786	2,595,052	26,787,544
13. Net Gen. (MWH)	374,633.0	351,066.0	381,567.0	363,655.0	378,549.0	370,337.0	387,339.0	378,813.0	24,628.0	96,205.0	357,654.0	371,399.0	3,835,845.0
14. ANOHR (Btu/KWH)	6,986	6,985	6,981	6,984	6,983	6,980	6,977	6,982	6,981	6,987	6,989	6,987	6,983
15. NOF (%)	96.5	96.7	98.1	96.9	97.5	98.6	99.6	97.6	98.2	96.2	95.2	96.0	97.3
16. NSC (MW)	528	528	528	528	528	528	528	528	528	528	528	528	528
17. ANOHR Equation	ANOHR=	-2.886 x NOF +		7,264.1									

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PLANNED OUTAGE SCHEDULES

Duke Energy Florida
Period of: January 2016 - December 2016

Plant/Unit	Planned Outage Dates	Reason for Outage
Bartow 4	01/30 (0001) - 04/22 (2400)	Major Inspection & STM condenser cleaning
Crystal River 4	2/27 (0001) - 3/25 (2400)	Balance of Plant, Turbine Valve
Hines 1	03/19 (0001) - 04/9 (2400)	Balance of Plant, Combustion Turbine Inspection & Steam Turbine Valve Maintinence
Hines 2	02/7(0001) - 04/04 (2400)	Hot Gas Path Inspection, Controls, Balance of Plan, Gen warranty Inspection
Hines 2	10/15(0001) - 11/18 (2400)	Hot Gas Path Inspection, Controls, Balance of Plan, Gen warranty Inspection
Hines 3	04/20 (0001) - 05/25 (2400)	Controls Upgrade, Balance of Plan, Turbine Valve
Hines 3	10/24 (0001) - 11/21 (2400)	Controls Upgrade, Balance of Plan, Turbine Valve
Hines 4	09/03 (0001) - 10/23 (2400)	Major Inspection, Turbine Valve, Balance of Plan, controls

Issued by: Duke Energy Florida

Filed:
Suspended:
Effective:
Docket No.:
Order No.:

AVERAGE NET OPERATING HEAT RATE CURVES

DUKE ENERGY FLORIDA

Bartow Unit 4

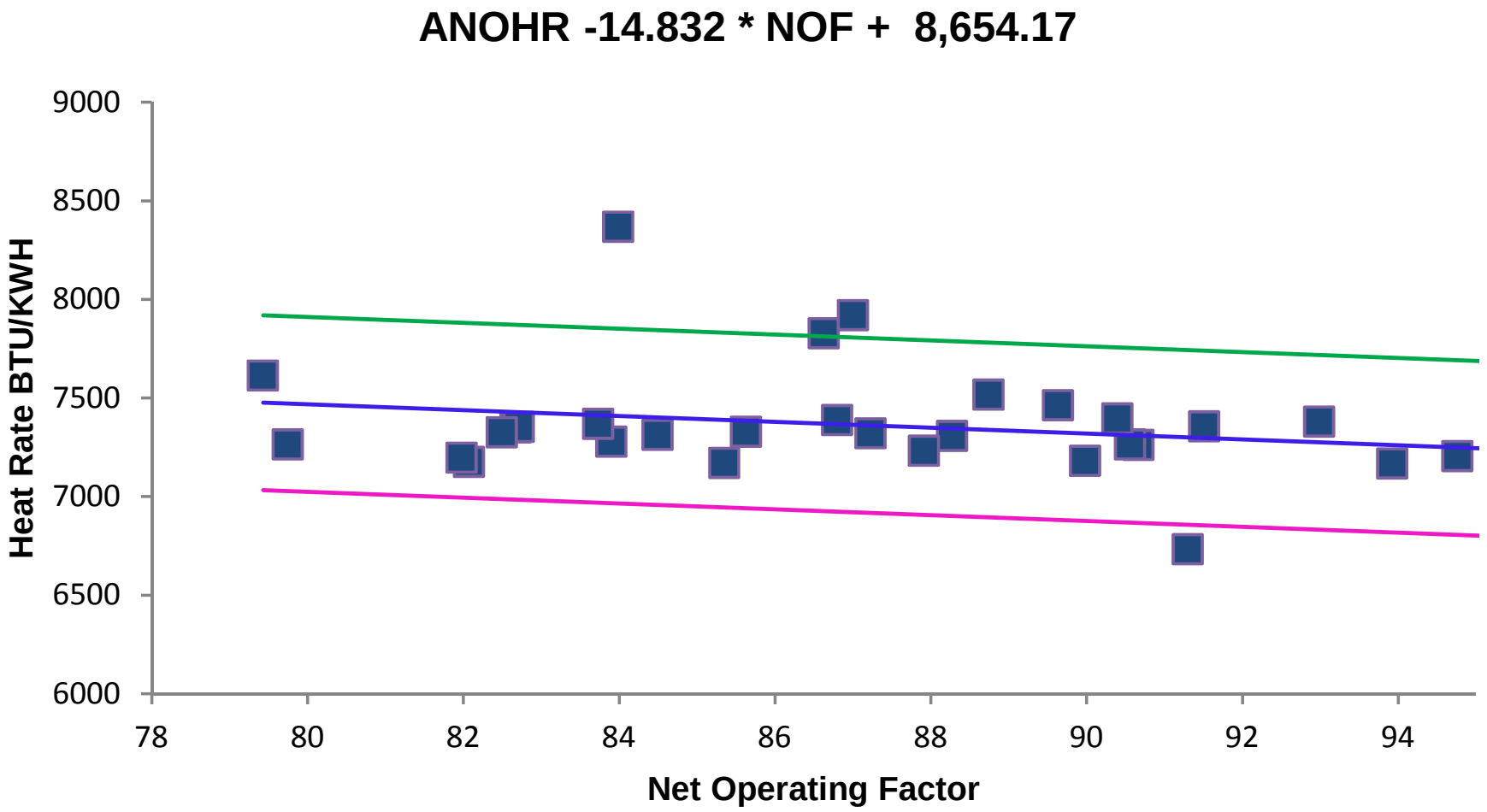
ANOHR -14.832 * NOF + 8,654.17

TABLE OF RESIDUALS

DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-12	82.7	7,346	7,428	-81.6	442.9
Aug-12	85.4	7,167	7,388	-221.5	442.9
Sep-12	82.7	7,350	7,427	-77.4	442.9
Oct-12	82.1	7,172	7,437	-264.9	442.9
Nov-12	79.8	7,260	7,471	-210.8	442.9
Dec-12	82.0	7,196	7,438	-242.3	442.9
Jan-13	85.6	7,326	7,384	-57.7	442.9
Feb-13	86.8	7,386	7,367	19.4	442.9
Mar-13	84.0	8,365	7,408	956.8	442.9
Apr-13	82.5	7,324	7,431	-106.3	442.9
May-13	83.9	7,276	7,410	-133.6	442.9
Jun-13	88.3	7,305	7,345	-40.0	442.9
Jul-13	88.8	7,514	7,338	175.9	442.9
Aug-13	90.7	7,260	7,309	-48.9	442.9
Sep-13	83.7	7,367	7,412	-45.0	442.9
Oct-13	87.9	7,229	7,350	-120.6	442.9
Nov-13	90.0	7,177	7,319	-142.3	442.9
Dec-13	94.8	7,204	7,249	-44.7	442.9
Jan-14	93.9	7,164	7,261	-96.4	442.9
Feb-14	90.6	7,262	7,311	-48.9	442.9
Mar-14	87.2	7,319	7,360	-41.1	442.9
Jun-14	86.6	7,826	7,369	456.4	442.9
Jul-14	89.6	7,460	7,325	135.4	442.9
Aug-14	91.3	6,731	7,300	-569.1	442.9
Sep-14	90.4	7,393	7,313	80.0	442.9
Oct-14	91.5	7,352	7,297	55.4	442.9
Jan-15	84.5	7,311	7,401	-90.2	442.9
Feb-15	79.4	7,610	7,476	133.6	442.9
Apr-15	101.0	7,172	7,156	16.3	442.9
May-15	87.0	7,916	7,364	552.2	442.9
Jun-15	93.0	7,377	7,275	101.9	442.9

Regression Output:

Constant	8654.17
Std Err of Y Est	273.6804696
R Squared	0.065503695
No. of Observations	31
Degrees of Freedom	29
X Coefficient	-14.8323484
Std Err of Coef.	10.40319684


ANOHR -14.832 * NOF + 8,654.17
Heat Rate BTU/KWH
9000
8500
8000
7500
7000
6500
6000
78
80
82
84
86
88
90
92
94
Net Operating Factor

DUKE ENERGY FLORIDA

Crystal River Unit 4

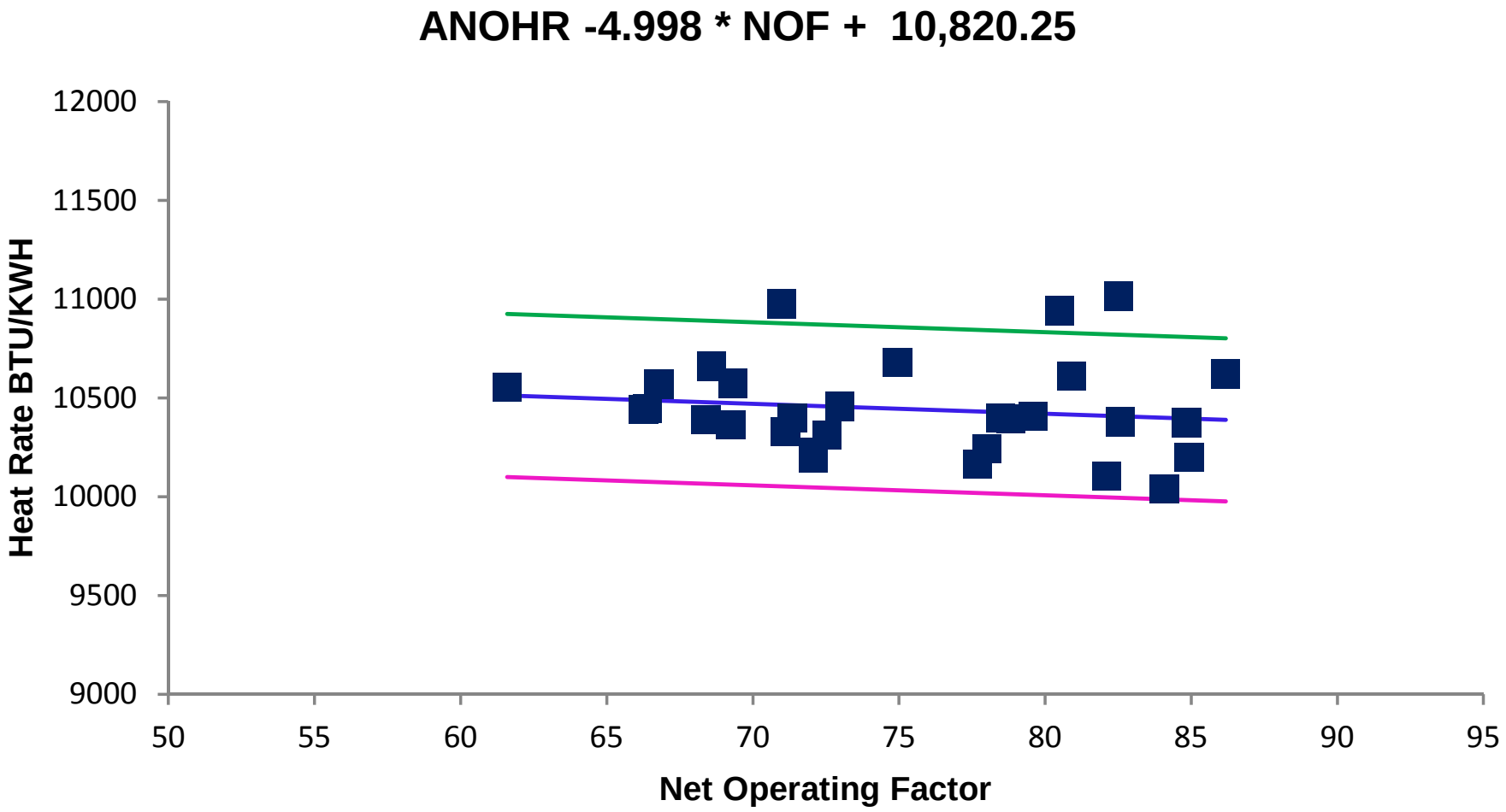
ANOHR -4.998 * NOF + 10,820.25

TABLE OF RESIDUALS

DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-12	78.5	10,394	10,428	-34.4	412.7
Aug-12	75.0	10,678	10,446	232.2	412.7
Sep-12	68.6	10,655	10,477	177.7	412.7
Oct-12	79.6	10,404	10,422	-18.6	412.7
Nov-12	82.1	10,102	10,410	-307.5	412.7
Dec-12	69.3	10,571	10,474	97.0	412.7
Jan-13	66.3	10,439	10,489	-49.8	412.7
Feb-13	68.4	10,387	10,478	-91.6	412.7
Mar-13	61.6	10,551	10,512	38.7	412.7
Apr-13	86.2	10,620	10,390	230.2	412.7
May-13	80.5	10,938	10,418	519.9	412.7
Jun-13	80.9	10,606	10,416	189.8	412.7
Jul-13	71.0	10,975	10,465	509.9	412.7
Aug-13	73.0	10,456	10,455	0.6	412.7
Sep-13	71.4	10,395	10,464	-68.6	412.7
Oct-13	72.1	10,225	10,460	-234.7	412.7
Nov-13	66.4	10,443	10,488	-44.9	412.7
Dec-13	72.6	10,308	10,458	-150.0	412.7
Jan-14	84.9	10,373	10,396	-23.1	412.7
Feb-14	78.8	10,390	10,426	-36.0	412.7
Mar-14	82.6	10,374	10,407	-33.4	412.7
Apr-14	84.9	10,198	10,396	-197.5	412.7
May-14	84.1	10,039	10,400	-360.9	412.7
Jun-14	82.5	11,012	10,408	604.0	412.7
Jul-14	84.9	10,373	10,396	-23.1	412.7
Aug-14	78.8	10,390	10,426	-36.0	412.7
Sep-14	82.6	10,374	10,407	-33.4	412.7
Oct-14	84.9	10,198	10,396	-197.5	412.7
Nov-14	84.1	10,039	10,400	-360.9	412.7
Dec-14	82.5	11,012	10,408	604.0	412.7
Jan-15	69.3	10,360	10,474	-114.4	412.7
Feb-15	66.8	10,567	10,486	80.5	412.7
Mar-15	78.0	10,239	10,430	-191.2	412.7
Apr-15	77.7	10,160	10,432	-272.0	412.7
May-15	71.2	10,326	10,465	-138.2	412.7
Jun-15	72.1	10,193	10,460	-266.6	412.7

Regression Output:

Constant	10820.25
Std Err of Y Est	254.4603098
R Squared	0.018296851
No. of Observations	36
Degrees of Freedom	34
X Coefficient	-4.997742359
Std Err of Coef.	6.278217073


ANOHR -4.998 * NOF + 10,820.25
Heat Rate BTU/KWH
12000
11500
11000
10500
10000
9500
9000
50
55
60
65
70
75
80
85
90
95
Net Operating Factor

DUKE ENERGY FLORIDA

Crystal River Unit 5

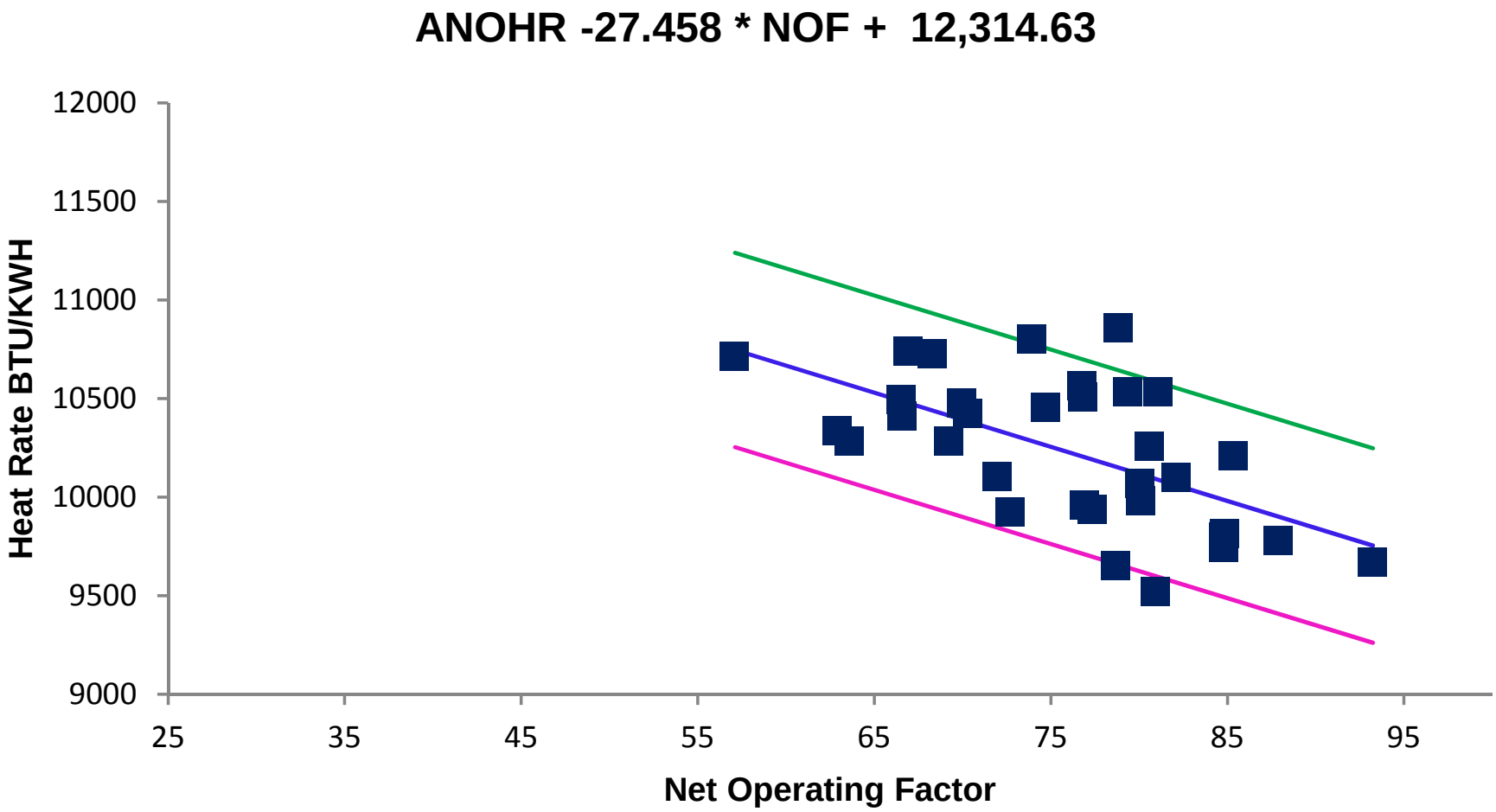
ANOHR -27.458 * NOF + 12,314.63

TABLE OF RESIDUALS

DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-12	76.8	10,563	10,207	356.6	493.1
Aug-12	73.9	10,798	10,284	513.4	493.1
Sep-12	68.3	10,724	10,439	284.6	493.1
Oct-12	70.4	10,424	10,383	41.1	493.1
Jan-13	57.1	10,709	10,746	-36.8	493.1
Feb-13	66.6	10,409	10,486	-76.3	493.1
Mar-13	85.3	10,205	9,971	233.8	493.1
Apr-13	81.1	10,531	10,088	442.2	493.1
May-13	79.4	10,534	10,135	398.5	493.1
Jun-13	76.8	10,505	10,205	300.3	493.1
Jul-13	67.0	10,739	10,476	263.4	493.1
Aug-13	70.0	10,475	10,393	81.8	493.1
Sep-13	66.5	10,494	10,487	6.3	493.1
Oct-13	63.6	10,283	10,568	-285.4	493.1
Nov-13	62.9	10,334	10,587	-252.9	493.1
Jan-14	87.9	9,778	9,900	-122.5	493.1
Feb-14	93.2	9,665	9,755	-89.5	493.1
Mar-14	77.4	9,937	10,189	-252.7	493.1
Apr-14	84.9	9,810	9,985	-174.8	493.1
May-14	84.8	9,740	9,986	-246.1	493.1
Jun-14	78.8	10,854	10,150	704.7	493.1
Jul-14	81.0	9,517	10,091	-574.2	493.1
Aug-14	82.1	10,097	10,060	37.7	493.1
Sep-14	74.7	10,456	10,263	192.5	493.1
Oct-14	72.7	9,923	10,317	-394.4	493.1
Nov-14	78.7	9,649	10,154	-505.6	493.1
Dec-14	84.8	9,795	9,986	-191.8	493.1
Jan-15	80.6	10,253	10,101	151.8	493.1
Feb-15	69.2	10,281	10,413	-131.8	493.1
Mar-15	80.1	9,977	10,115	-137.7	493.1
Apr-15	80.1	10,066	10,116	-49.7	493.1
May-15	76.9	9,954	10,202	-247.9	493.1
Jun-15	72.0	10,100	10,338	-238.7	493.1

Regression Output:

Constant	12314.63
Std Err of Y Est	304.3954971
R Squared	0.353147979
No. of Observations	33
Degrees of Freedom	31
X Coefficient	-27.45783036
Std Err of Coef.	6.674357685


ANOHR -27.458 * NOF + 12,314.63
Heat Rate BTU/KWH
12000
11500
11000
10500
10000
9500
9000
25
35
45
55
65
75
85
95
Net Operating Factor

DUKE ENERGY FLORIDA

Hines Unit 1

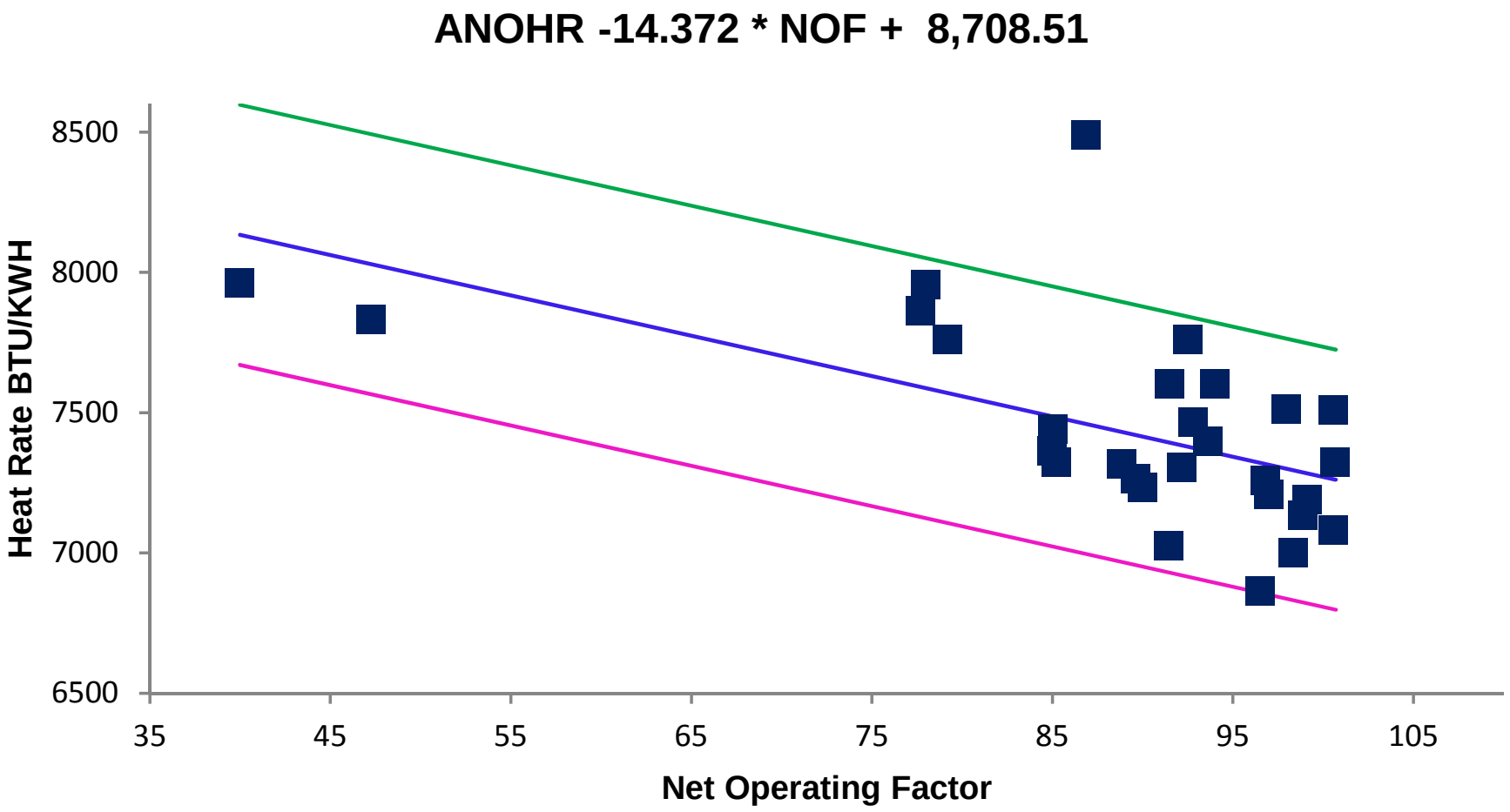
ANOHR -14.372 * NOF + 8,708.51

TABLE OF RESIDUALS

DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-12	89.6	7,264	7,420	-156.6	463.5
Aug-12	92.6	7,758	7,378	379.8	463.5
Sep-12	96.8	7,258	7,317	-59.2	463.5
Oct-12	91.5	7,600	7,394	206.1	463.5
Nov-12	78.0	7,955	7,587	367.7	463.5
Dec-12	90.0	7,232	7,415	-182.9	463.5
Jan-13	97.0	7,207	7,315	-107.3	463.5
Feb-13	100.6	7,080	7,263	-183.5	463.5
Mar-13	77.7	7,862	7,591	270.8	463.5
Apr-13	40.0	7,962	8,134	-171.4	463.5
May-13	47.3	7,829	8,029	-199.9	463.5
Jun-13	79.2	7,762	7,570	191.7	463.5
Jul-13	85.2	7,322	7,484	-161.6	463.5
Aug-13	92.8	7,464	7,375	89.4	463.5
Sep-13	92.2	7,304	7,384	-79.4	463.5
Oct-13	99.1	7,189	7,284	-95.3	463.5
Nov-13	85.0	7,364	7,487	-123.5	463.5
Jan-14	98.4	6,999	7,295	-295.4	463.5
Feb-14	93.7	7,395	7,362	32.2	463.5
Mar-14	98.9	7,132	7,287	-155.1	463.5
Apr-14	86.9	8,486	7,460	1026.6	463.5
May-14	88.9	7,314	7,431	-117.1	463.5
Jun-14	85.1	7,440	7,486	-45.4	463.5
Jul-14	94.0	7,601	7,357	243.6	463.5
Aug-14	98.0	7,511	7,300	210.4	463.5
Sep-14	96.5	6,863	7,321	-458.3	463.5
Oct-14	91.5	7,026	7,394	-368.4	463.5
Nov-14	100.6	7,507	7,262	244.3	463.5
Dec-14	100.7	7,321	7,261	59.6	463.5
Jan-15	86.9	7,463	7,460	3.7	463.5
Feb-15	91.0	7,368	7,400	-32.0	463.5
Apr-15	96.4	7,298	7,323	-24.7	463.5
May-15	94.8	6,875	7,346	-470.9	463.5
Jun-15	93.4	7,528	7,366	161.9	463.5

Regression Output:

Constant	8708.51
Std Err of Y Est	285.9755719
R Squared	0.310496993
No. of Observations	34
Degrees of Freedom	32
X Coefficient	-14.37161918
Std Err of Coef.	3.785908337


ANOHR -14.372 * NOF + 8,708.51
Heat Rate BTU/KWH
8500
8000
7500
7000
6500
35
45
55
65
75
85
95
105
Net Operating Factor

DUKE ENERGY FLORIDA

Hines Unit 2

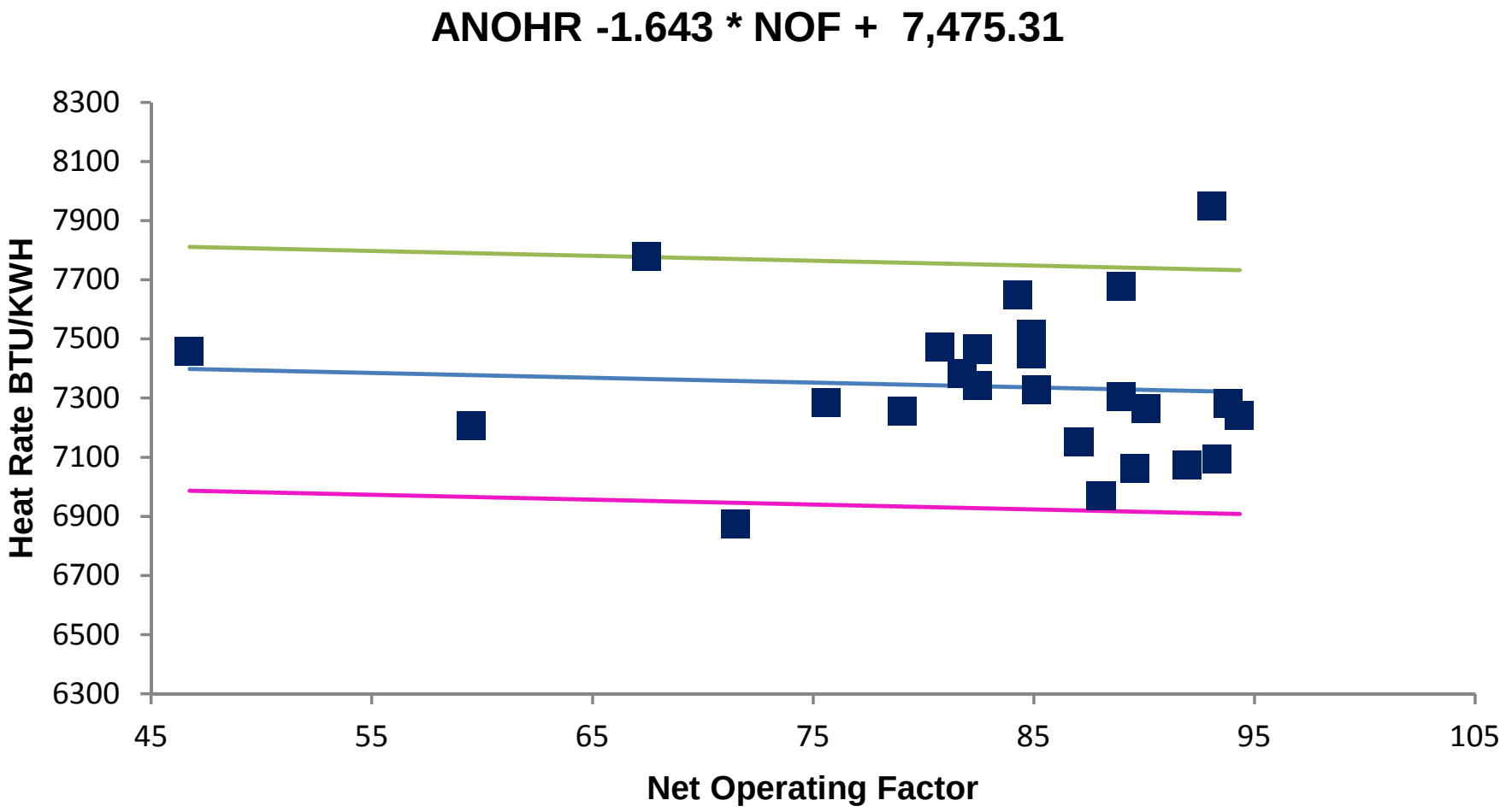
ANOHR -1.643 * NOF + 7,475.31

TABLE OF RESIDUALS

DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-12	87.1	7,149	7,332	-182.9	412.3
Aug-12	89.6	7,061	7,328	-267.3	412.3
Sep-12	93.3	7,090	7,322	-231.8	412.3
Oct-12	88.1	6,967	7,331	-363.2	412.3
Nov-12	90.1	7,263	7,327	-64.6	412.3
Dec-12	59.5	7,204	7,377	-173.1	412.3
Jan-13	46.7	7,456	7,399	57.1	412.3
Mar-13	71.5	6,874	7,358	-484.3	412.3
Apr-13	79.1	7,253	7,345	-92.4	412.3
May-13	80.8	7,471	7,343	128.0	412.3
Jun-13	89.0	7,676	7,329	347.3	412.3
Jul-13	85.2	7,327	7,335	-8.6	412.3
Aug-13	92.0	7,072	7,324	-252.3	412.3
Sep-13	93.8	7,280	7,321	-41.6	412.3
Oct-13	94.3	7,241	7,320	-79.3	412.3
Nov-13	75.6	7,283	7,351	-67.5	412.3
Dec-13	81.8	7,380	7,341	39.2	412.3
Jan-14	84.3	7,649	7,337	312.0	412.3
Feb-14	67.5	7,778	7,364	413.3	412.3
Mar-14	84.9	7,449	7,336	112.9	412.3
Apr-14	89.0	7,303	7,329	-25.8	412.3
May-14	84.9	7,512	7,336	176.2	412.3
Jun-14	82.5	7,462	7,340	122.4	412.3
Jul-14	82.5	7,340	7,340	0.4	412.3
Jun-15	93.1	7,948	7,322	626.0	412.3

Regression Output:

Constant	7475.31
Std Err of Y Est	255.8269151
R Squared	0.005469716
No. of Observations	25
Degrees of Freedom	23
X Coefficient	-1.642917011
Std Err of Coef.	4.619323088


ANOHR -1.643 * NOF + 7,475.31
Heat Rate BTU/KWH
8300
8100
7900
7700
7500
7300
7100
6900
6700
6500
6300
45
55
65
75
85
95
105
Net Operating Factor

DUKE ENERGY FLORIDA

Hines Unit 3

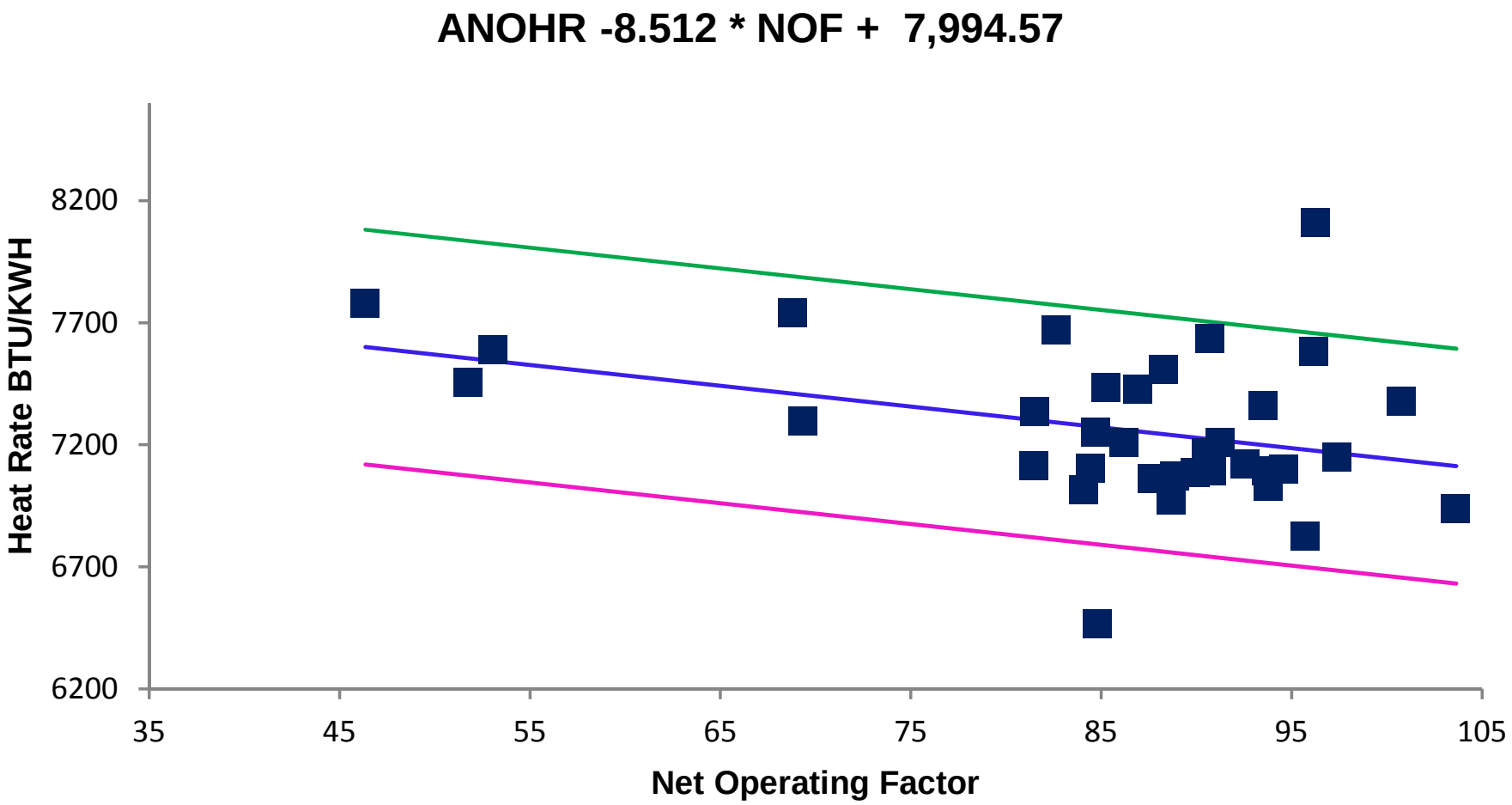
ANOHR -8.512 * NOF + 7,994.57

TABLE OF RESIDUALS

DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-12	88.3	7,506	7,243	263.3	481.0
Aug-12	88.9	7,069	7,238	-169.2	481.0
Sep-12	93.5	7,358	7,198	159.7	481.0
Oct-12	82.7	7,667	7,291	376.2	481.0
Nov-12	86.9	7,427	7,255	172.5	481.0
Dec-12	81.6	7,333	7,300	32.9	481.0
Jan-13	51.8	7,452	7,554	-102.3	481.0
Feb-13	53.1	7,585	7,543	42.2	481.0
Mar-13	46.4	7,779	7,600	179.1	481.0
Apr-13	69.4	7,295	7,404	-109.0	481.0
May-13	85.3	7,430	7,269	161.8	481.0
Jun-13	84.7	7,250	7,273	-23.7	481.0
Jul-13	86.3	7,208	7,260	-52.1	481.0
Aug-13	90.8	7,089	7,221	-132.4	481.0
Sep-13	92.6	7,118	7,207	-88.4	481.0
Oct-13	94.6	7,095	7,190	-94.2	481.0
Nov-13	81.5	7,111	7,301	-189.9	481.0
Dec-13	84.1	7,015	7,278	-263.2	481.0
Jan-14	91.3	7,208	7,218	-9.3	481.0
Feb-14	68.8	7,739	7,409	329.8	481.0
Apr-14	90.0	7,082	7,229	-146.4	481.0
May-14	84.8	6,463	7,272	-809.5	481.0
Jun-14	90.5	7,164	7,224	-59.6	481.0
Jul-14	93.8	7,028	7,196	-168.2	481.0
Aug-14	95.7	6,823	7,180	-357.1	481.0
Sep-14	96.3	8,107	7,175	931.6	481.0
Oct-14	96.2	7,580	7,176	404.5	481.0
Nov-14	103.6	6,938	7,112	-174.4	481.0
Dec-14	100.8	7,374	7,137	237.4	481.0
Jan-15	84.5	7,101	7,275	-174.9	481.0
Feb-15	88.7	6,971	7,239	-268.2	481.0
Mar-15	87.7	7,059	7,248	-188.7	481.0
Apr-15	97.4	7,147	7,166	-18.3	481.0
May-15	90.7	7,635	7,222	413.2	481.0
Jun-15	93.7	7,092	7,197	-105.3	481.0

Regression Output:

Constant	7994.57
Std Err of Y Est	296.6728188
R Squared	0.127274289
No. of Observations	35
Degrees of Freedom	33
X Coefficient	-8.511769393
Std Err of Coef.	3.879997318


ANOHR -8.512 * NOF + 7,994.57
Heat Rate BTU/KWH
8200
7700
7200
6700
6200
35
45
55
65
75
85
95
105
Net Operating Factor

DUKE ENERGY FLORIDA

Hines Unit 4

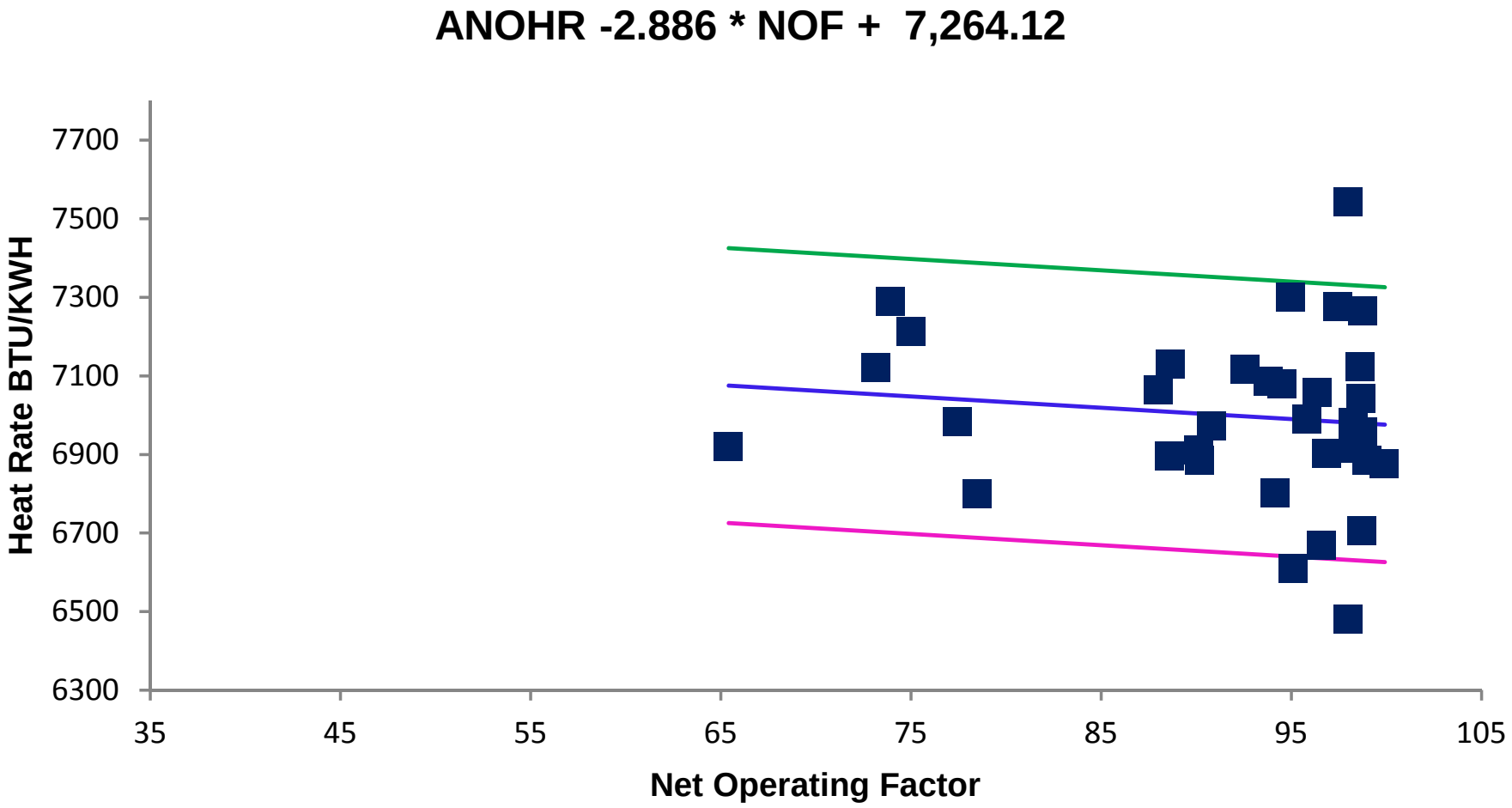
ANOHR -2.886 * NOF + 7,264.12

TABLE OF RESIDUALS

DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-12	94.2	6,800	6,992	-192.9	349.9
Aug-12	98.8	6,957	6,979	-22.2	349.9
Sep-12	99.9	6,874	6,976	-101.6	349.9
Oct-12	98.7	6,705	6,979	-274.2	349.9
Dec-12	77.5	6,982	7,041	-58.2	349.9
Jan-13	65.4	6,919	7,075	-156.2	349.9
Feb-13	78.5	6,798	7,038	-239.7	349.9
Mar-13	96.6	6,668	6,985	-317.4	349.9
Apr-13	75.1	7,213	7,048	165.2	349.9
May-13	73.2	7,121	7,053	67.6	349.9
Jun-13	98.0	6,480	6,981	-501.6	349.9
Jul-13	98.7	7,041	6,979	61.5	349.9
Aug-13	97.5	7,275	6,983	292.1	349.9
Sep-13	94.5	7,078	6,991	86.4	349.9
Oct-13	95.0	7,298	6,990	308.2	349.9
Nov-13	98.3	6,980	6,981	-0.2	349.9
Dec-13	96.9	6,902	6,985	-83.0	349.9
Jan-14	92.6	7,117	6,997	119.8	349.9
Feb-14	88.7	7,129	7,008	121.2	349.9
Mar-14	99.0	6,884	6,978	-94.2	349.9
Apr-14	95.9	6,989	6,987	1.4	349.9
May-14	96.4	7,057	6,986	71.1	349.9
Jun-14	93.8	7,083	6,993	89.9	349.9
Jul-14	98.3	6,916	6,980	-64.9	349.9
Aug-14	98.8	7,264	6,979	284.5	349.9
Sep-14	95.1	6,608	6,990	-381.5	349.9
Oct-14	88.0	7,062	7,010	52.2	349.9
Nov-14	74.0	7,288	7,051	237.1	349.9
Dec-14	90.2	6,882	7,004	-121.4	349.9
Jan-15	90.2	6,911	7,004	-92.6	349.9
Feb-15	88.6	6,895	7,008	-113.9	349.9
Mar-15	90.8	6,972	7,002	-30.5	349.9
Apr-15	98.7	7,123	6,979	143.9	349.9
May-15	98.0	7,541	6,981	559.8	349.9
Jun-15	93.6	7,178	6,994	184.5	349.9

Regression Output:

Constant	7264.12
Std Err of Y Est	215.8177732
R Squared	0.01465005
No. of Observations	35
Degrees of Freedom	33
X Coefficient	-2.885535252
Std Err of Coef.	4.119505669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Heat Rate BTU/KWH
7700
7500
7300
7100
6900
6700
6500
6300
35
45
55
65
75
85
95
105
Net Operating Factor

UNPLANNED OUTAGE RATE TABLES AND GRAPHS

Bartow
Unit 4

	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00
SER HOURS	733.95	736.70	679.47	710.45	596.94	634.05	612.51	539.15	406.59	632.49	653.45	690.66	696.68	744.00	670.11	702.64	673.06	699.77
RSH	0.00	0.00	14.51	6.71	5.50	109.95	117.60	28.82	18.64	70.72	60.46	23.47	14.37	0.00	36.90	41.36	47.62	17.41
UH	10.05	7.30	26.02	26.84	118.56	0.00	13.89	104.03	317.77	16.79	30.09	5.87	32.95	0.00	12.99	0.00	0.32	26.82
POH	0.00	0.00	0.00	0.00	101.62	0.00	0.00	86.97	317.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FOH	10.05	7.30	0.00	18.34	16.94	0.00	7.62	16.85	0.38	0.58	3.89	4.05	4.29	0.00	6.15	0.00	0.32	26.82
MOH	0.00	0.00	26.02	8.50	0.00	0.00	6.27	0.22	0.00	16.21	26.20	1.82	28.66	0.00	6.84	0.00	0.00	0.00
PFOH	314.59	302.40	273.27	413.22	273.00	281.71	8.00	1.65	32.31	223.56	8.86	8.95	10.47	45.75	60.31	0.00	0.71	58.53
LRPF	16.46	15.77	12.35	27.67	11.80	12.21	214.58	156.31	156.49	157.01	90.23	99.51	69.31	16.19	77.82	0.00	69.63	69.50
EFOH	4.57	4.21	2.98	10.09	2.84	3.04	1.60	0.24	4.71	32.68	0.74	0.83	0.68	0.69	4.37	0.00	0.05	3.79
PMOH	21.17	17.06	63.43	9.81	0.00	13.34	0.00	0.00	0.00	0.00	57.82	3.97	0.00	0.00	0.00	0.00	0.00	0.00
LRPM	50.23	39.55	57.20	43.35	0.00	72.92	0.00	0.00	0.00	0.00	101.76	67.53	0.00	0.00	0.00	0.00	0.00	0.00
EMOH	0.94	0.60	3.20	0.38	0.00	0.86	0.00	0.00	0.00	0.00	5.48	0.25	0.00	0.00	0.00	0.00	0.00	0.00
NPC	1133.00	1133.00	1133.00	1133.00	1133.00	1133.00	1074.00	1074.00	1074.00	1074.00	1074.00	1074.00	1074.00	1074.00	1074.00	1074.00	1074.00	1074.00

MONTHLY	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Dec-13**
FOR	1.35	0.98	0.00	2.52	2.76	0.00	1.23	3.03	0.09	0.09	0.59	0.58	0.61	0.00	0.91	0.00	0.05	3.69
MOR	0.00	0.00	3.69	1.18	0.00	0.00	1.01	0.04	0.00	2.50	3.85	0.26	3.95	0.00	1.01	0.00	0.00	0.00
PFOR	0.62	0.57	0.44	1.42	0.48	0.48	0.26	0.04	1.16	5.17	0.11	0.12	0.10	0.09	0.65	0.00	0.01	0.54
PMOR	0.13	0.08	0.47	0.05	0.00	0.14	0.00	0.00	0.00	0.00	0.84	0.04	0.00	0.00	0.00	0.00	0.00	0.00
EUOR	2.09	1.63	4.56	5.06	3.22	0.61	2.47	3.11	1.25	7.62	5.31	1.00	4.61	0.09	2.54	0.00	0.05	4.21
EUOF	2.09	1.63	4.47	5.01	2.74	0.52	2.08	2.58	0.68	6.87	4.88	0.97	4.52	0.09	2.41	0.00	0.05	4.11
POF	0.00	0.00	0.00	0.00	14.09	0.00	0.00	12.94	42.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EAF	97.91	98.37	95.53	94.99	83.16	99.48	97.92	84.48	56.60	93.13	95.12	99.03	95.48	99.91	97.59	100.00	99.95	95.89

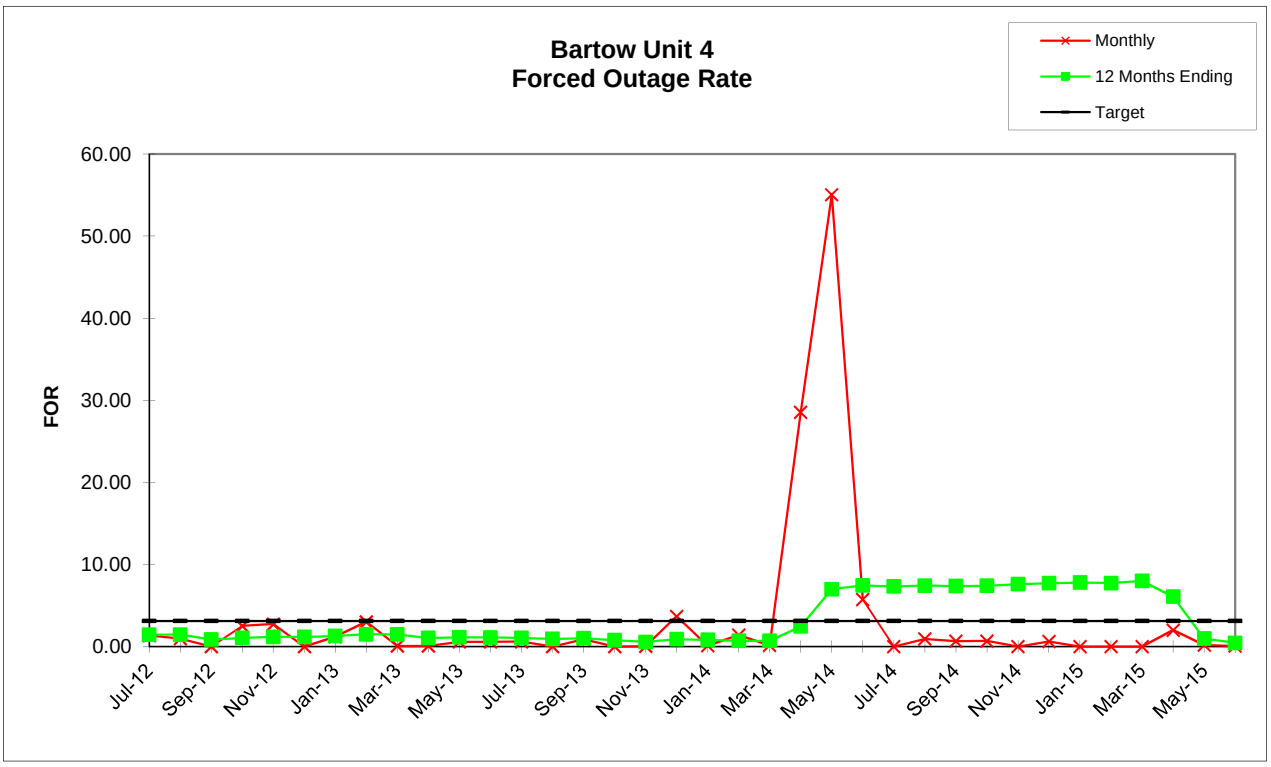
12 MONTHS	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Dec-13**
FOR	1.44	1.47	0.88	1.07	1.19	1.17	1.28	1.50	1.49	1.07	1.13	1.12	1.05	0.95	1.03	0.80	0.57	0.91
MOR	0.86	0.86	1.22	1.33	1.33	1.31	1.41	1.40	1.21	0.96	1.30	1.11	1.48	1.48	1.23	1.12	1.11	1.10
PFOR	0.27	0.27	0.30	0.44	0.45	0.48	0.51	0.51	0.57	0.97	0.95	0.90	0.85	0.80	0.82	0.69	0.65	0.65
PMOR	0.16	0.11	0.12	0.11	0.11	0.12	0.12	0.12	0.12	0.08	0.15	0.15	0.14	0.13	0.09	0.09	0.09	0.07
EUOR	2.69	2.68	2.49	2.91	3.04	3.04	3.26	3.47	3.32	3.05	3.48	3.22	3.46	3.32	3.13	2.67	2.40	2.71
EUOF	2.21	2.19	2.04	2.41	2.51	2.56	2.73	2.94	2.85	2.69	3.07	2.87	3.08	2.95	2.78	2.35	2.13	2.43
POF	12.32	12.32	12.32	12.32	12.41	10.82	10.82	10.32	9.00	6.34	5.78	5.78	5.78	5.78	5.78	5.78	4.62	4.62
EAF	85.48	85.49	85.64	85.28	85.08	86.63	86.45	86.74	88.15	90.97	91.16	91.35	91.15	91.28	91.45	91.87	93.25	92.95

Bartow
Unit 4

	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00
SER HOURS	742.17	660.09	647.94	358.53	306.68	671.92	744.00	734.05	709.77	729.45	449.39	285.41	669.89	591.55	406.16	614.52	726.67	692.25
RSH	0.83	2.53	21.58	0.00	0.00	0.62	0.00	0.00	0.00	9.48	48.56	96.44	12.21	36.36	13.99	12.02	0.55	14.65
UH	1.00	9.38	73.48	361.47	437.32	47.46	0.00	9.95	10.23	5.07	223.05	362.15	61.90	44.09	322.85	93.46	16.78	13.10
POH	0.00	0.00	19.61	218.31	61.84	0.00	0.00	0.00	0.00	0.00	216.73	360.37	58.32	0.45	222.76	80.85	0.00	0.00
FOH	1.00	9.38	1.08	143.17	375.49	40.87	0.00	7.04	4.74	5.07	0.00	1.78	0.00	0.00	0.00	12.61	1.53	0.65
MOH	0.00	0.00	52.79	0.00	0.00	6.59	0.00	2.91	5.48	0.00	6.32	0.00	3.58	43.65	100.09	0.00	15.25	12.45
PFOH	2.22	20.76	2.40	0.00	0.00	1.32	5.33	15.36	52.84	12.31	0.00	0.00	0.00	0.00	0.00	0.00	57.29	14.87
LRPF	109.65	98.02	198.57	0.00	0.00	54.76	156.80	109.50	44.08	107.66	0.00	0.00	0.00	0.00	0.00	0.00	119.12	137.56
EFOH	0.23	1.89	0.44	0.00	0.00	0.07	0.78	1.57	2.17	1.23	0.00	0.00	0.00	0.00	0.00	0.00	6.34	1.90
PMOH	0.00	0.00	110.81	0.00	0.00	14.55	0.00	6.47	12.15	0.00	0.00	0.00	0.00	0.00	0.00	3.42	34.77	0.00
LRPM	0.00	0.00	109.50	0.00	0.00	109.52	0.00	109.56	109.47	0.00	0.00	0.00	0.00	0.00	0.00	27.04	144.51	0.00
EMOH	0.00	0.00	11.30	0.00	0.00	1.48	0.00	0.66	1.24	0.00	0.00	0.00	0.00	0.00	0.00	0.09	4.67	0.00
NPC	1074.00	1074.00	1074.00	1074.00	1074.00	1074.00	1074.00	1074.00	1074.00	1074.00	1074.00	1074.00	1076.00	1076.00	1076.00	1076.00	1076.00	1076.00

MONTHLY	**Jan-14**	**Feb-14**	**Mar-14**	**Apr-14**	**May-14**	**Jun-14**	**Jul-14**	**Aug-14**	**Sep-14**	**Oct-14**	**Nov-14**	**Dec-14**	**Jan-15**	**Feb-15**	**Mar-15**	**Apr-15**	**May-15**	**Jun-15**
FOR	0.13	1.40	0.17	28.54	55.04	5.73	0.00	0.95	0.66	0.69	0.00	0.62	0.00	0.00	0.00	2.01	0.21	0.09
MOR	0.00	0.00	7.53	0.00	0.00	0.97	0.00	0.39	0.77	0.00	1.39	0.00	0.53	6.87	19.77	0.00	2.06	1.77
PFOR	0.03	0.29	0.07	0.00	0.00	0.01	0.10	0.21	0.31	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.27
PMOR	0.00	0.00	1.74	0.00	0.00	0.22	0.00	0.09	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.64	0.00
EUOR	0.17	1.68	9.35	28.54	55.04	6.81	0.10	1.64	1.89	0.86	1.39	0.62	0.53	6.87	19.77	2.02	3.74	2.13
EUOF	0.16	1.68	8.83	19.88	50.47	6.81	0.10	1.64	1.89	0.85	0.88	0.24	0.48	6.50	13.47	1.76	3.74	2.08
POF	0.00	0.00	2.64	30.32	8.31	0.00	0.00	0.00	0.00	0.00	30.06	48.44	7.84	0.07	29.98	11.23	0.00	0.00
EAF	99.84	98.32	88.53	49.79	41.22	93.19	99.90	98.36	98.11	99.15	69.06	51.32	91.68	93.44	56.55	87.01	96.26	97.92

12 MONTHS	**Jan-14**	**Feb-14**	**Mar-14**	**Apr-14**	**May-14**	**Jun-14**	**Jul-14**	**Aug-14**	**Sep-14**	**Oct-14**	**Nov-14**	**Dec-14**	**Jan-15**	**Feb-15**	**Mar-15**	**Apr-15**	**May-15**	**Jun-15**
FOR	0.81	0.71	0.70	2.46	7.00	7.44	7.35	7.43	7.38	7.42	7.62	7.73	7.79	7.75	7.99	6.08	0.99	0.45
MOR	1.01	0.99	1.59	1.44	1.17	1.24	0.86	0.90	0.88	0.87	0.98	1.04	1.10	1.73	2.47	2.38	2.45	2.52
PFOR	0.62	0.64	0.56	0.17	0.17	0.16	0.16	0.17	0.14	0.16	0.16	0.12	0.12	0.09	0.09	0.08	0.17	0.19
PMOR	0.07	0.07	0.21	0.21	0.15	0.17	0.17	0.18	0.19	0.19	0.20	0.21	0.21	0.21	0.05	0.05	0.11	0.09
EUOR	2.49	2.38	3.02	4.21	8.32	8.80	8.39	8.53	8.45	8.49	8.79	8.92	9.03	9.49	10.21	8.31	3.66	3.22
EUOF	2.27	2.20	2.89	3.96	7.84	8.32	7.94	8.07	8.03	8.10	8.17	7.84	7.87	8.24	8.63	7.14	3.17	2.78
POF	4.62	3.62	0.22	2.72	3.42	3.42	3.42	3.42	3.42	3.42	5.90	10.01	10.68	10.68	13.00	11.43	10.72	10.72
EAF	93.11	94.17	96.88	93.32	88.74	88.26	88.64	88.51	88.55	88.48	85.94	82.15	81.46	81.08	78.37	81.43	86.10	86.49


Bartow Unit 4
Forced Outage Rate
Monthly
12 Months Ending
Target
FOR
60.00
50.00
40.00
30.00
20.00
10.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
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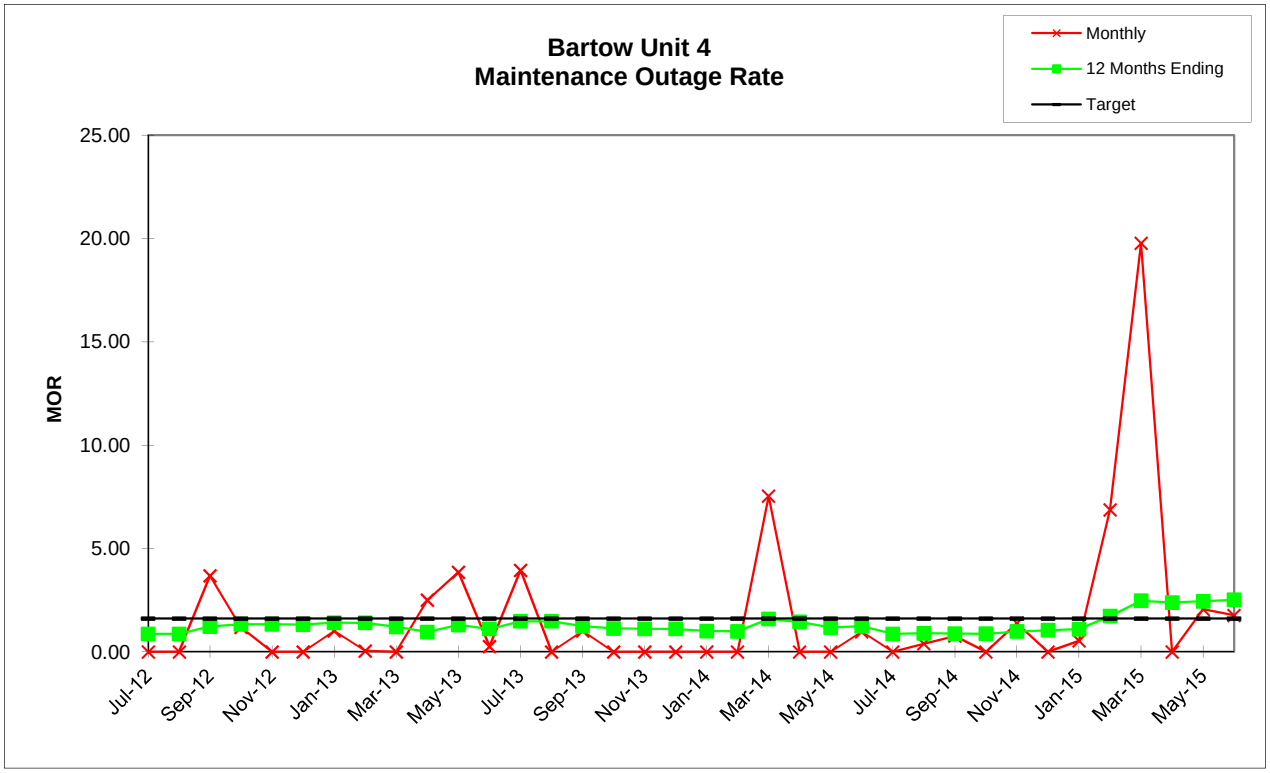
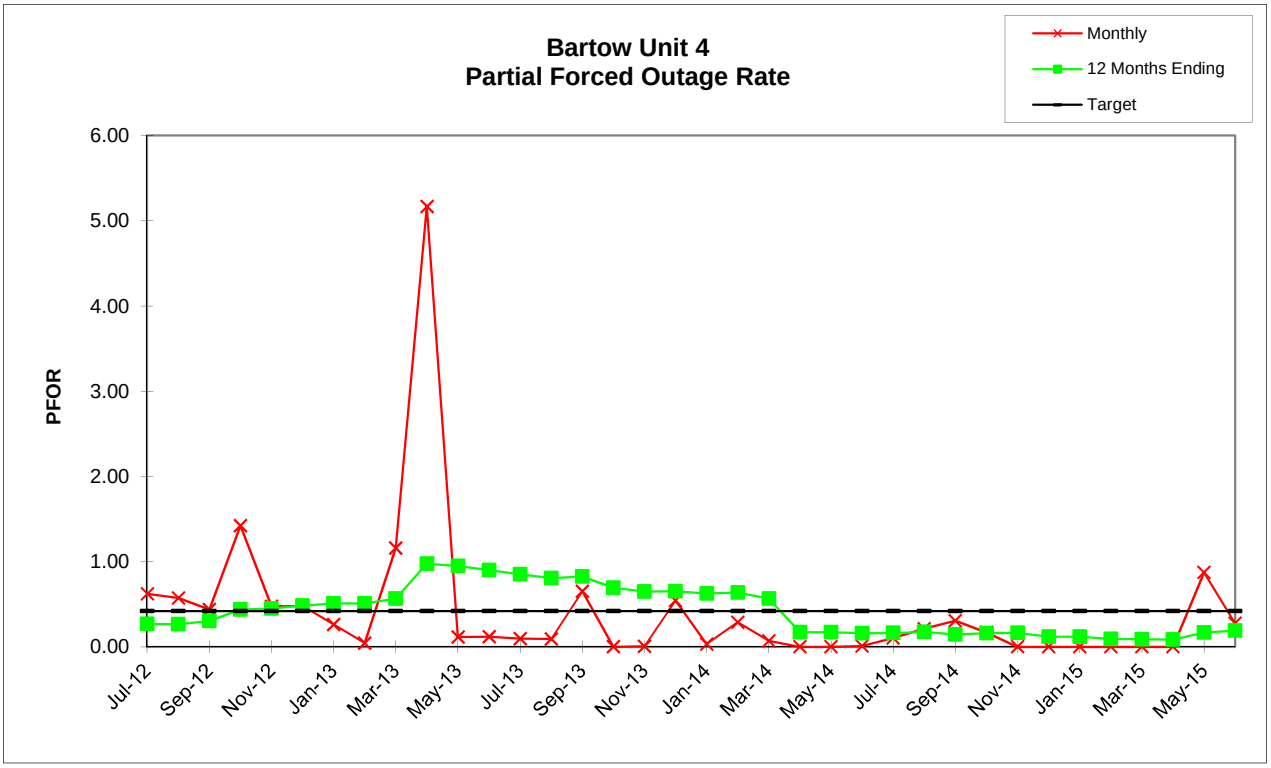
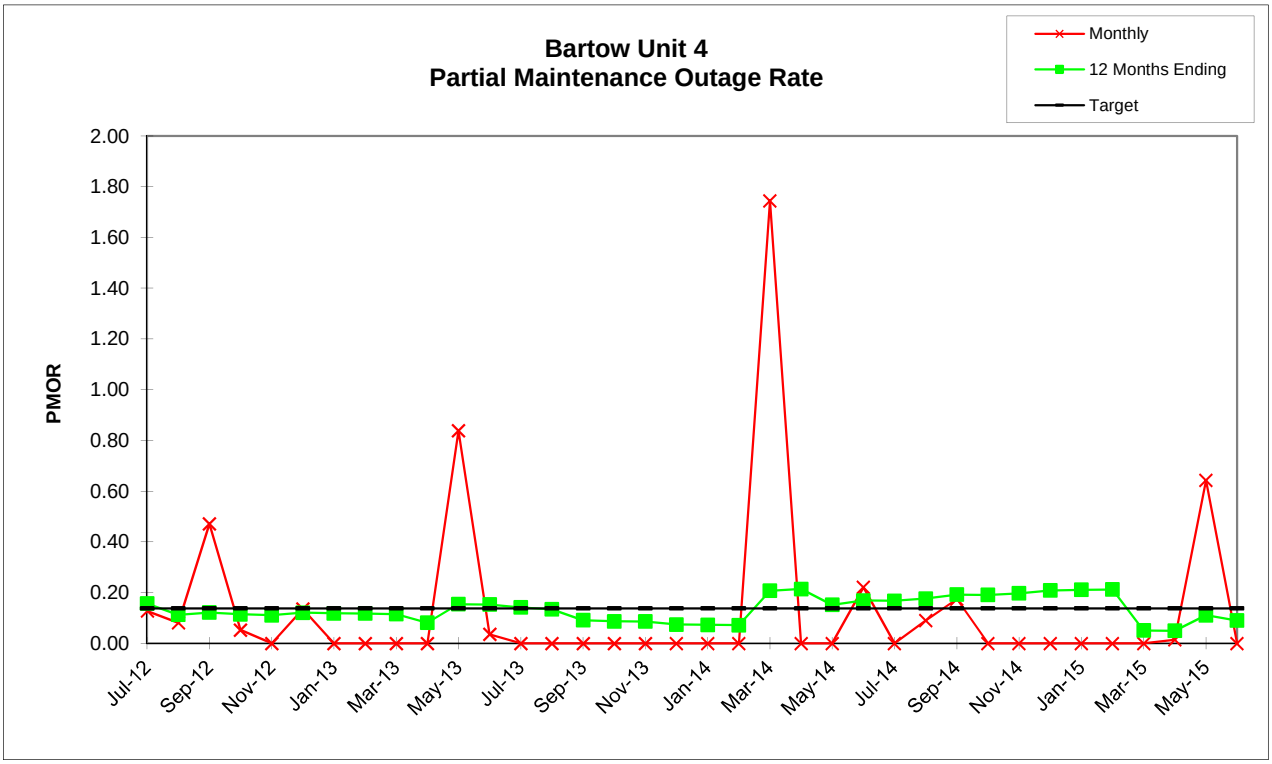
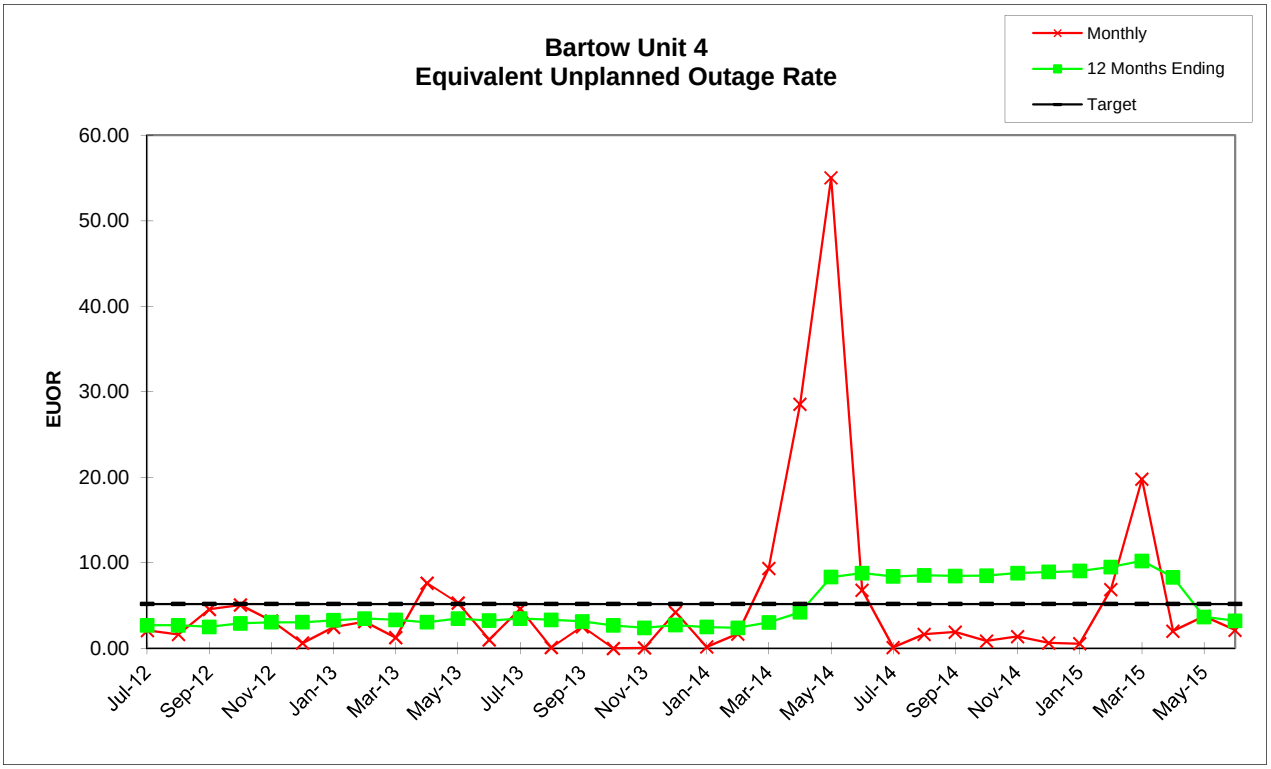
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Bartow Unit 4
Maintenance Outage Rate
Monthly
12 Months Ending
Target
MOR
25.00
20.00
15.00
10.00
5.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Bartow Unit 4
Partial Forced Outage Rate
Monthly
12 Months Ending
Target
PFOR
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Bartow Unit 4
Partial Maintenance Outage Rate
Monthly
12 Months Ending
Target
PMOR
2.00
1.80
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Bartow Unit 4
Equivalent Unplanned Outage Rate
Monthly
12 Months Ending
Target
EUOR
60.00
50.00
40.00
30.00
20.00
10.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
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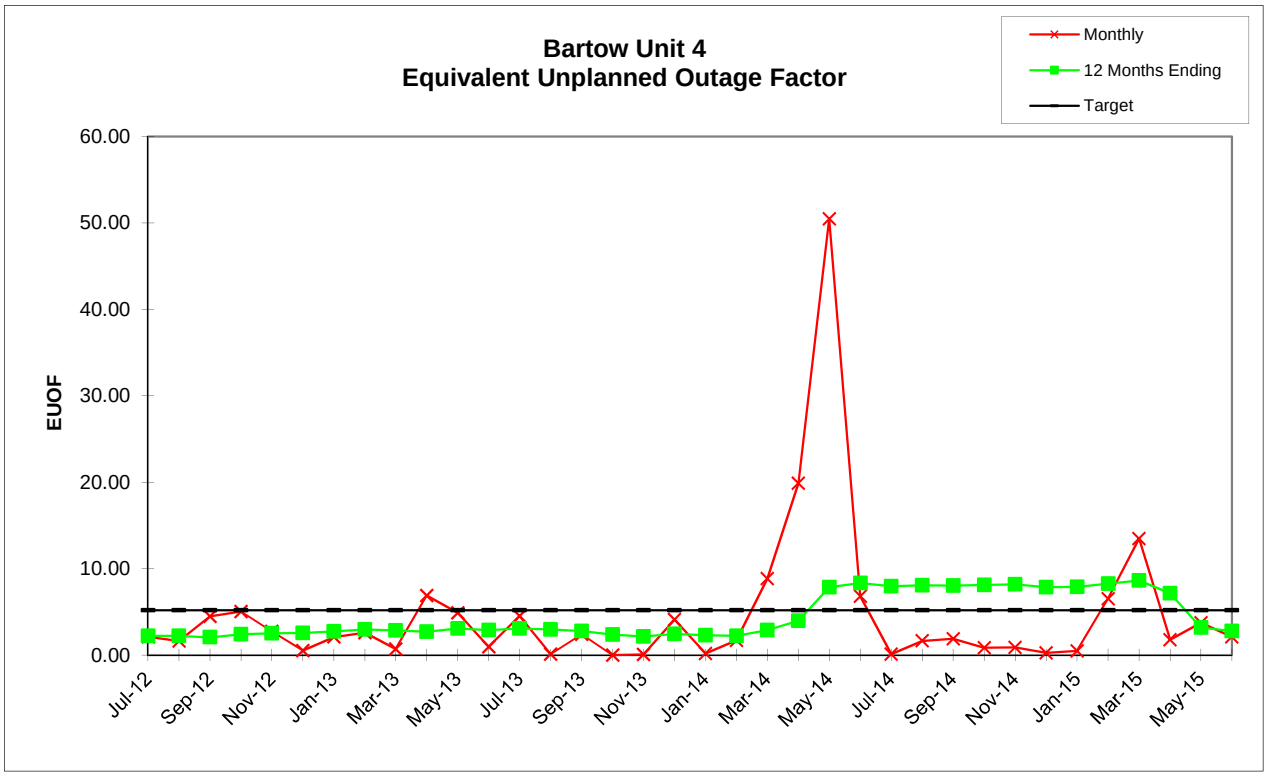
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Bartow Unit 4
Equivalent Unplanned Outage Factor
Monthly
12 Months Ending
Target
EUOF
60.00
50.00
40.00
30.00
20.00
10.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15

Crystal River
Unit 4

	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00
SER HOURS	737.88	696.38	720.00	735.23	719.52	642.70	744.00	669.77	225.53	720.00	544.97	503.80	597.30	744.00	720.00	744.00	721.00	744.00
RSH	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	0.00	0.00	0.00	0.00	0.00
UH	6.12	47.62	0.00	8.77	1.48	101.30	0.00	2.23	517.47	0.00	199.04	216.20	146.70	0.00	0.00	0.00	0.00	0.00
POH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	516.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FOH	6.12	0.00	0.00	8.77	0.00	0.00	0.00	2.23	0.67	0.00	38.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MOH	0.00	47.62	0.00	0.00	1.48	101.30	0.00	0.00	0.00	0.00	160.77	216.20	146.70	0.00	0.00	0.00	0.00	0.00
PFOH	425.00	640.15	118.68	35.73	0.00	0.00	0.00	0.00	16.00	10.75	8.72	0.00	1.53	135.50	4.77	8.23	0.00	0.00
LRPF	65.00	63.14	40.24	29.63	0.00	0.00	0.00	0.00	93.00	4.97	44.17	0.00	93.20	84.00	96.74	93.04	0.00	0.00
EFOH	38.80	56.77	6.71	1.49	0.00	0.00	0.00	0.00	2.09	0.08	0.54	0.00	0.20	15.99	0.65	1.08	0.00	0.00
PMOH	30.75	56.16	46.83	111.46	17.00	4.00	0.00	29.98	0.00	12.50	0.00	0.00	0.00	35.35	15.08	34.77	217.07	5.00
LRPM	267.01	118.80	303.71	99.06	474.00	84.00	0.00	42.78	0.00	241.72	0.00	0.00	0.00	153.58	217.09	44.19	76.04	93.00
EMOH	11.53	9.37	19.98	15.51	11.32	0.47	0.00	1.80	0.00	4.24	0.00	0.00	0.00	7.63	4.60	2.16	23.18	0.65
NPC	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00

MONTHLY	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Dec-13**
FOR	0.82	0.00	0.00	1.18	0.00	0.00	0.00	0.33	0.30	0.00	6.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MOR	0.00	6.40	0.00	0.00	0.21	13.62	0.00	0.00	0.00	0.00	22.78	30.03	19.72	0.00	0.00	0.00	0.00	0.00
PFOR	5.26	8.15	0.93	0.20	0.00	0.00	0.00	0.00	0.93	0.01	0.10	0.00	0.03	2.15	0.09	0.14	0.00	0.00
PMOR	1.56	1.35	2.77	2.11	1.57	0.07	0.00	0.27	0.00	0.59	0.00	0.00	0.00	1.02	0.64	0.29	3.22	0.09
EUOR	7.59	15.29	3.71	3.46	1.77	13.68	0.00	0.60	1.22	0.60	26.83	30.03	19.74	3.17	0.73	0.43	3.22	0.09
EUOF	7.59	15.29	3.71	3.46	1.77	13.68	0.00	0.60	0.37	0.60	26.83	30.03	19.74	3.17	0.73	0.43	3.22	0.09
POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	69.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EAF	92.41	84.71	96.29	96.54	98.23	86.32	100.00	99.40	30.07	99.40	73.17	69.97	80.26	96.83	99.27	99.57	96.78	99.91

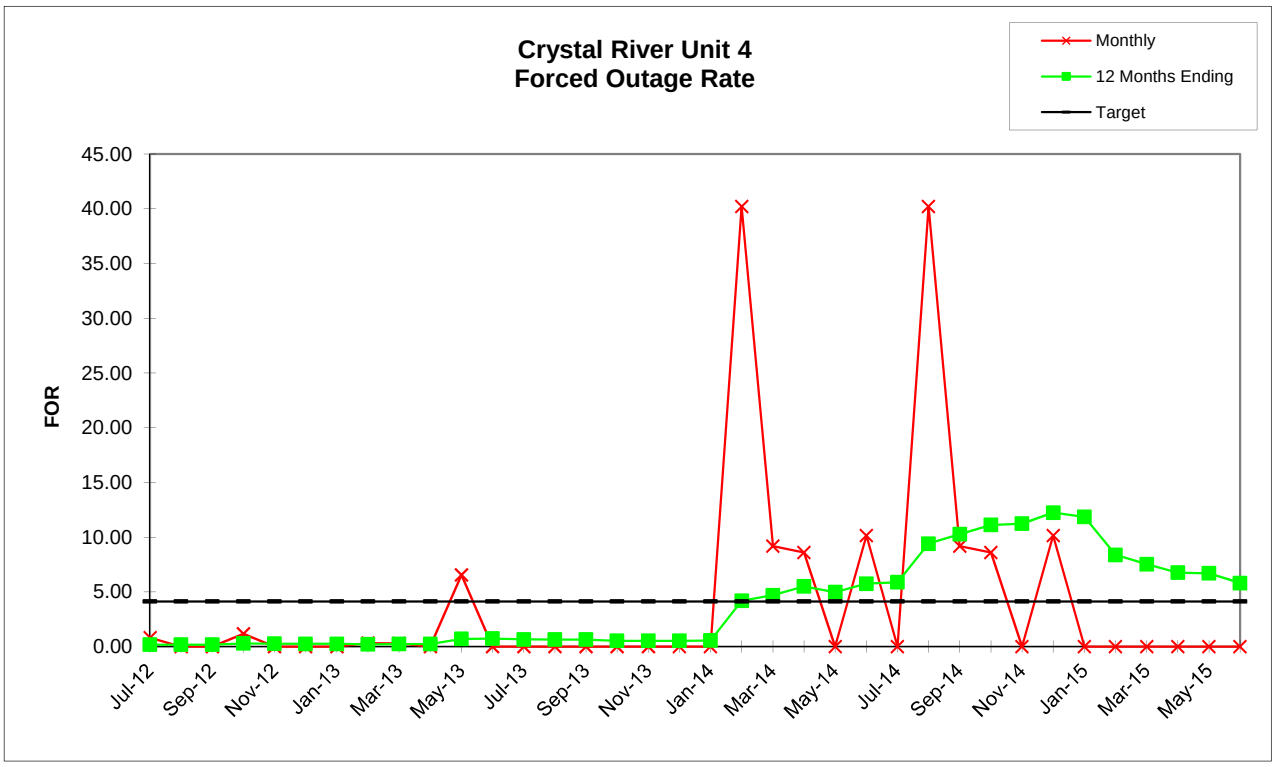
12 MONTHS	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Dec-13**
FOR	0.17	0.17	0.17	0.29	0.26	0.25	0.25	0.22	0.24	0.24	0.71	0.73	0.66	0.66	0.66	0.54	0.54	0.53
MOR	1.27	1.90	1.90	1.88	1.74	2.80	2.70	2.71	2.88	1.83	3.80	6.44	8.23	7.65	7.65	7.64	7.62	6.38
PFOR	0.64	1.41	1.51	1.51	1.38	1.32	1.31	1.24	1.35	1.33	1.36	1.39	0.90	0.36	0.28	0.27	0.27	0.27
PMOR	1.46	1.59	1.64	1.76	1.74	1.68	1.67	1.26	1.25	1.22	1.14	0.97	0.83	0.81	0.60	0.43	0.58	0.58
EUOR	3.50	5.01	5.14	5.35	5.04	5.95	5.82	5.34	5.62	4.56	6.84	9.27	10.37	9.27	9.01	8.74	8.87	7.64
EUOF	3.01	4.30	4.41	4.64	4.79	5.95	5.82	5.34	5.29	4.29	6.44	8.72	9.76	8.73	8.48	8.22	8.34	7.19
POF	14.18	14.18	14.18	13.25	5.04	0.00	0.00	0.00	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90	5.90
EAF	82.82	81.53	81.41	82.10	90.17	94.05	94.18	94.66	88.81	89.81	87.66	85.38	84.35	85.37	85.62	85.88	85.76	86.91

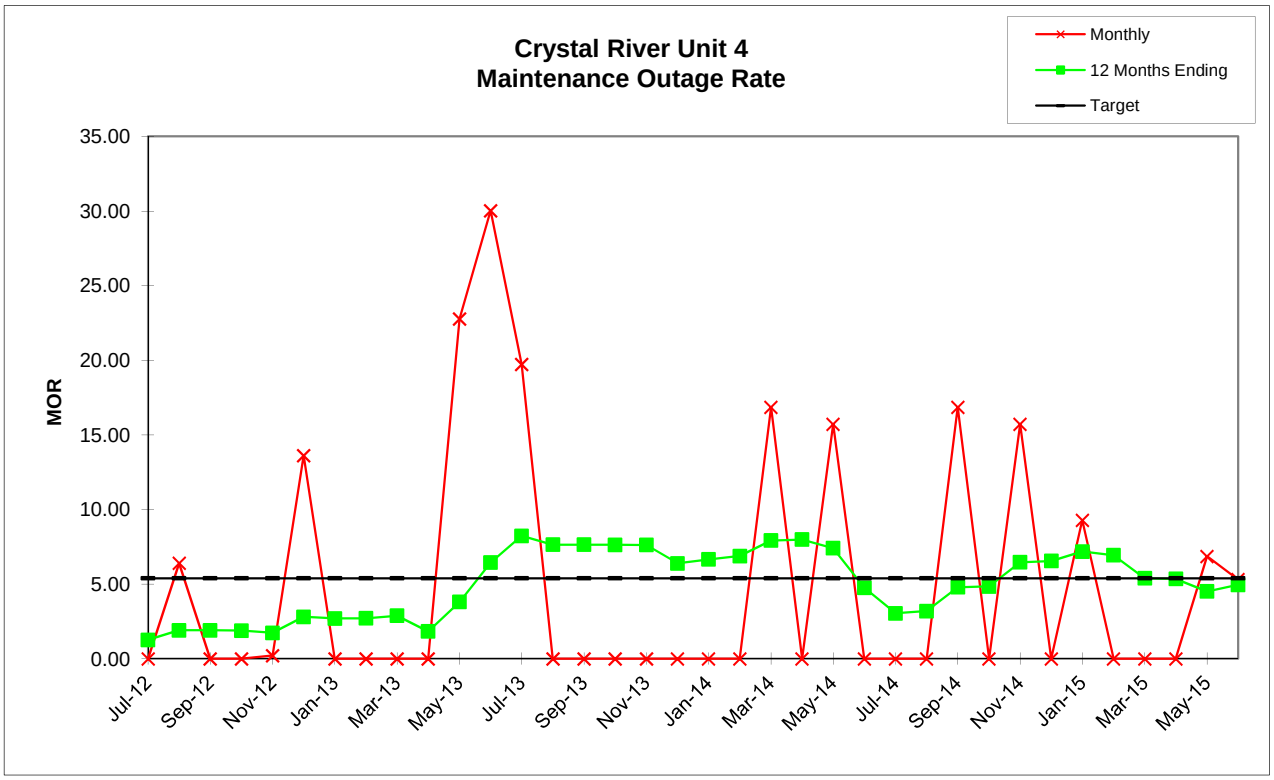
Crystal River
Unit 4

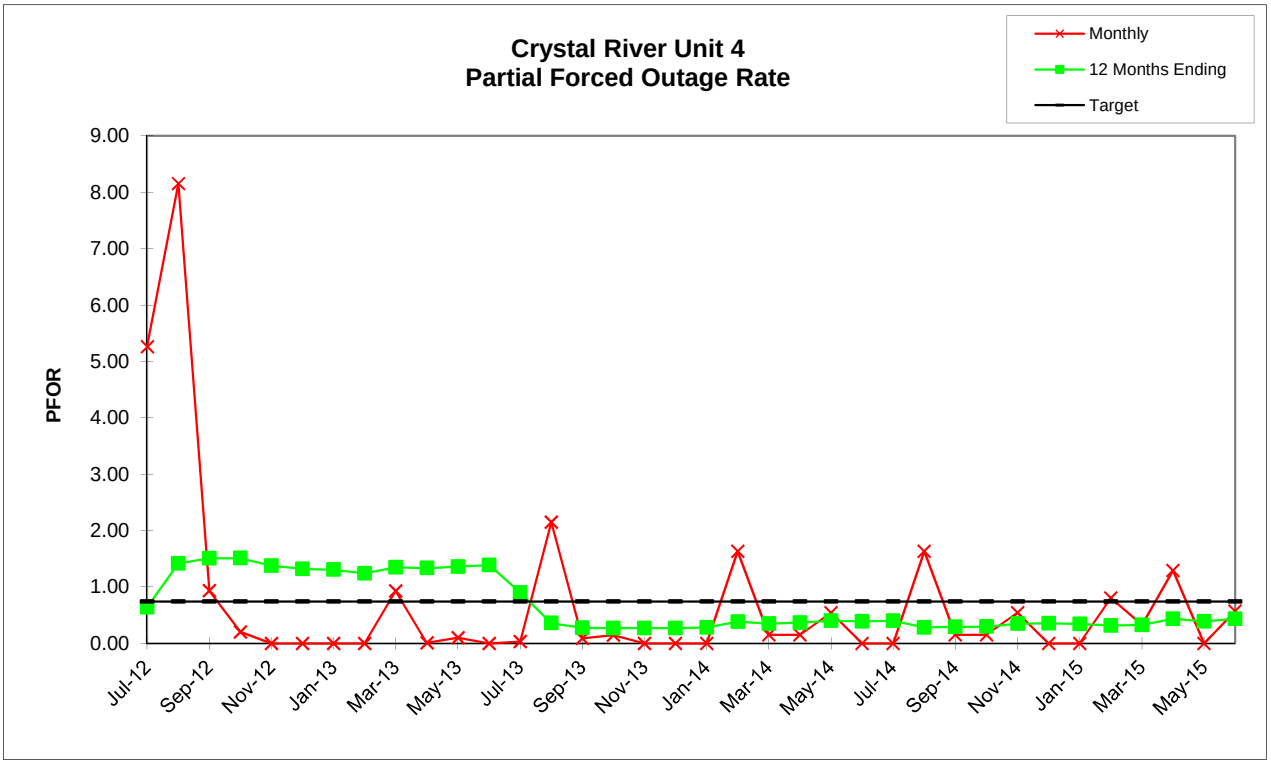
	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	672.00	743.00	720.00	744.00	720.00	744.00	672.00	743.00	720.00	744.00	720.00
SER HOURS	414.85	401.78	569.82	658.03	627.02	647.00	414.85	401.78	569.82	658.03	627.02	647.00	674.92	672.00	743.00	720.00	692.95	681.78
RSH	329.15	0.00	0.00	0.00	0.00	0.00	329.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UH	0.00	270.22	173.18	61.97	116.98	73.00	0.00	270.22	173.18	61.97	116.98	73.00	69.08	0.00	0.00	0.00	51.05	38.22
POH	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	0.00	0.00	0.00	0.00	0.00
FOH	0.00	270.22	57.70	61.97	0.00	73.00	0.00	270.22	57.70	61.97	0.00	73.00	0.00	0.00	0.00	0.00	0.00	0.00
MOH	0.00	0.00	115.48	0.00	116.98	0.00	0.00	0.00	115.48	0.00	116.98	0.00	69.08	0.00	0.00	0.00	51.05	38.22
PFOH	0.00	32.30	10.16	6.01	13.48	0.00	0.00	32.30	10.16	6.01	13.48	0.00	0.00	17.42	10.25	19.68	0.00	8.25
LRPF	0.00	144.39	60.65	117.13	179.04	0.00	0.00	144.39	60.65	117.13	179.04	0.00	0.00	220.58	167.34	336.14	0.00	335.24
EFOH	0.00	6.55	0.87	0.99	3.39	0.00	0.00	6.55	0.87	0.99	3.39	0.00	0.00	5.40	2.41	9.29	0.00	3.88
PMOH	59.75	12.00	7.02	0.00	0.93	0.00	59.75	12.00	7.02	0.00	0.93	0.00	10.50	1.48	18.18	128.03	238.74	33.98
LRPM	116.23	169.33	64.97	0.00	112.40	0.00	116.23	169.33	64.97	0.00	112.40	0.00	93.00	93.21	271.95	89.18	89.61	80.63
EMOH	9.75	2.85	0.64	0.00	0.15	0.00	9.75	2.85	0.64	0.00	0.15	0.00	1.37	0.19	6.94	16.04	30.05	3.85
NPC	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00	712.00

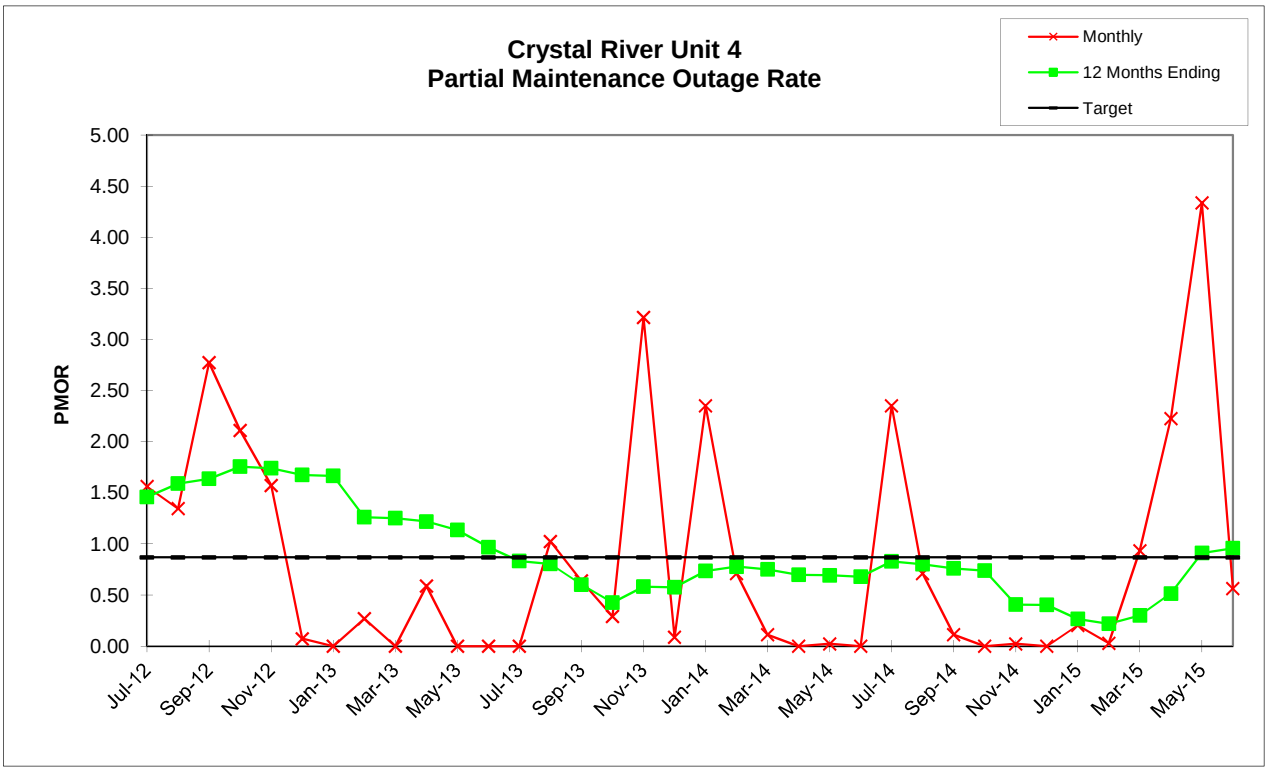
MONTHLY	**Jan-14**	**Feb-14**	**Mar-14**	**Apr-14**	**May-14**	**Jun-14**	**Jul-14**	**Aug-14**	**Sep-14**	**Oct-14**	**Nov-14**	**Dec-14**	**Jan-15**	**Feb-15**	**Mar-15**	**Apr-15**	**May-15**	**Jun-15**
FOR	0.00	40.21	9.19	8.61	0.00	10.14	0.00	40.21	9.19	8.61	0.00	10.14	0.00	0.00	0.00	0.00	0.00	0.00
MOR	0.00	0.00	16.85	0.00	15.72	0.00	0.00	0.00	16.85	0.00	15.72	0.00	9.28	0.00	0.00	0.00	6.86	5.31
PFOR	0.00	1.63	0.15	0.15	0.54	0.00	0.00	1.63	0.15	0.15	0.54	0.00	0.00	0.80	0.32	1.29	0.00	0.57
PMOR	2.35	0.71	0.11	0.00	0.02	0.00	2.35	0.71	0.11	0.00	0.02	0.00	0.20	0.03	0.93	2.23	4.34	0.56
EUOR	2.35	41.61	23.51	8.74	16.20	10.14	2.35	41.61	23.51	8.74	16.20	10.14	9.47	0.83	1.26	3.52	10.90	6.38
EUOF	1.31	41.61	23.51	8.74	16.20	10.14	1.31	41.61	23.51	8.74	16.20	10.14	9.47	0.83	1.26	3.52	10.90	6.38
POF	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	0.00	0.00	0.00	0.00	0.00
EAF	98.69	58.39	76.49	91.26	83.80	89.86	98.69	58.39	76.49	91.26	83.80	89.86	90.53	99.17	98.74	96.48	89.10	93.62

12 MONTHS	**Jan-14**	**Feb-14**	**Mar-14**	**Apr-14**	**May-14**	**Jun-14**	**Jul-14**	**Aug-14**	**Sep-14**	**Oct-14**	**Nov-14**	**Dec-14**	**Jan-15**	**Feb-15**	**Mar-15**	**Apr-15**	**May-15**	**Jun-15**
FOR	0.56	4.18	4.70	5.50	4.98	5.75	5.88	9.40	10.26	11.10	11.24	12.24	11.83	8.38	7.53	6.75	6.70	5.81
MOR	6.65	6.89	7.93	7.99	7.40	4.76	3.04	3.19	4.79	4.85	6.46	6.55	7.19	6.93	5.39	5.35	4.51	4.95
PFOR	0.28	0.38	0.35	0.36	0.40	0.39	0.40	0.28	0.29	0.30	0.35	0.36	0.34	0.31	0.33	0.44	0.39	0.44
PMOR	0.73	0.78	0.75	0.70	0.69	0.68	0.83	0.80	0.76	0.74	0.41	0.40	0.27	0.22	0.30	0.51	0.91	0.96
EUOR	8.08	11.56	12.89	13.59	12.65	10.95	9.70	12.98	15.05	15.84	17.00	17.95	17.97	14.69	12.71	12.26	11.79	11.47
EUOF	7.30	10.45	12.41	13.08	12.18	10.54	8.98	12.00	13.91	14.64	15.71	16.59	17.29	14.13	12.23	11.80	11.34	11.03
POF	5.90	5.90	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	0.00	0.00	0.00
EAF	86.80	83.65	87.59	86.92	87.82	89.46	91.02	88.00	86.09	85.36	84.29	83.41	82.71	85.87	87.77	88.20	88.66	88.97


Crystal River Unit 4
Forced Outage Rate
Monthly
12 Months Ending
Target
FOR
45.00
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Crystal River Unit 4
Maintenance Outage Rate
Monthly
12 Months Ending
Target
MOR
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Crystal River Unit 4
Partial Forced Outage Rate
Monthly
12 Months Ending
Target
PFOR
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Crystal River Unit 4
Partial Maintenance Outage Rate
Monthly
12 Months Ending
Target
PMOR
5.00
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
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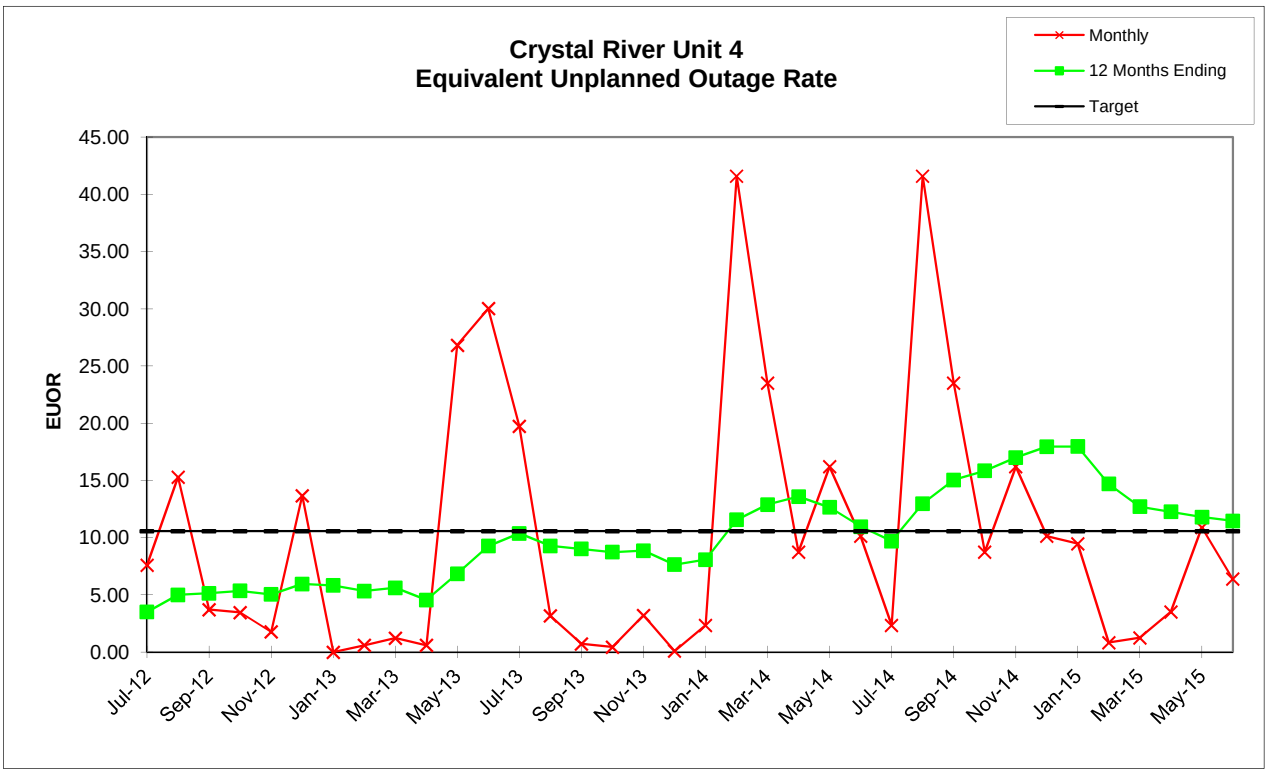
Mar-15
May-15


Crystal River Unit 4
Equivalent Unplanned Outage Rate
Monthly
12 Months Ending
Target
EUOR
45.00
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
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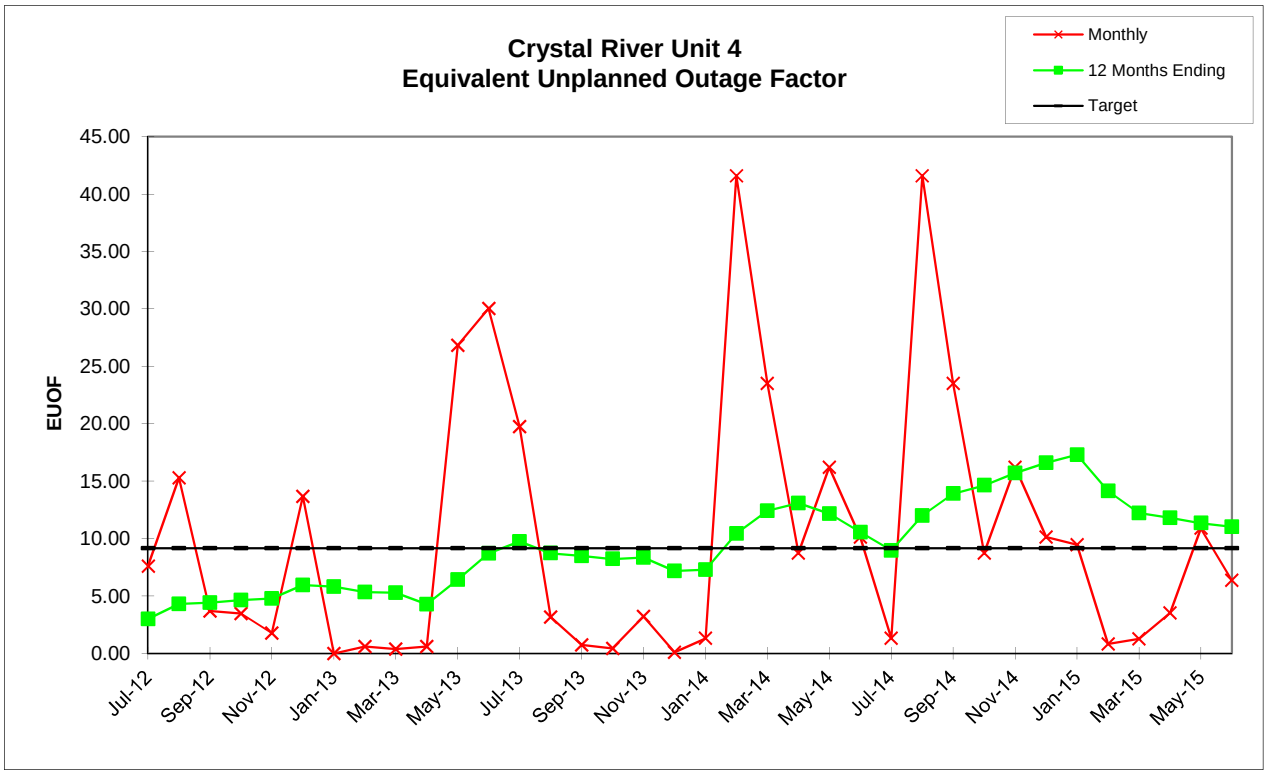
May-15


Crystal River Unit 4
Equivalent Unplanned Outage Factor
Monthly
12 Months Ending
Target
EUOF
45.00
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15

Crystal River
Unit 5

	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00
SER HOURS	744.00	744.00	720.00	533.12	0.00	16.33	597.60	635.00	645.00	720.00	736.78	666.30	744.00	733.55	678.32	744.00	553.95	0.00
RSH	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	0.00	0.00	0.00	167.05	744.00
UH	0.00	0.00	0.00	210.88	721.00	727.67	146.40	37.00	98.00	0.00	7.22	53.70	0.00	10.45	41.68	0.00	0.00	0.00
POH	0.00	0.00	0.00	118.88	721.00	727.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FOH	0.00	0.00	0.00	92.00	0.00	0.00	146.40	0.00	98.00	0.00	7.22	53.70	0.00	6.65	41.68	0.00	0.00	0.00
MOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.00	0.00	0.00	0.00	0.00	0.00	3.80	0.00	0.00	0.00	0.00
PFOH	30.50	2.08	6.63	4.00	0.00	0.00	48.07	49.90	0.60	19.35	5.50	4.50	9.18	18.00	0.00	0.00	0.00	0.00
LRPF	98.70	171.48	72.04	91.00	0.00	0.00	523.86	286.44	79.00	45.72	28.82	91.00	63.40	99.28	0.00	0.00	0.00	0.00
EFOH	4.24	0.50	0.67	0.51	0.00	0.00	35.47	20.13	0.07	1.25	0.22	0.58	0.82	2.52	0.00	0.00	0.00	0.00
PMOH	15.98	70.37	18.58	10.00	0.00	0.00	0.00	43.29	2.00	5.50	0.00	8.00	7.00	3.43	30.07	62.53	95.95	0.00
LRPM	91.02	91.00	209.45	58.00	0.00	0.00	0.00	155.06	234.00	91.00	0.00	91.00	91.00	472.46	151.56	57.57	77.62	0.00
EMOH	2.05	9.02	5.48	0.82	0.00	0.00	0.00	9.45	0.66	0.70	0.00	1.03	0.90	2.28	6.42	5.07	10.49	0.00
NPC	710.00	710.00	710.00	710.00	710.00	710.00	710.00	710.00	710.00	710.00	710.00	710.00	710.00	710.00	710.00	710.00	710.00	710.00

MONTHLY	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Dec-13**
FOR	0.00	0.00	0.00	14.72	0.00	0.00	19.68	0.00	13.19	0.00	0.97	7.46	0.00	0.90	5.79	0.00	0.00	0.00
MOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.51	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.00	0.00
PFOR	0.57	0.07	0.09	0.10	0.00	0.00	5.93	3.17	0.01	0.17	0.03	0.09	0.11	0.34	0.00	0.00	0.00	0.00
PMOR	0.28	1.21	0.76	0.15	0.00	0.00	0.00	1.49	0.10	0.10	0.00	0.15	0.12	0.31	0.95	0.68	1.89	0.00
EUOR	0.85	1.28	0.85	14.93	0.00	0.00	24.44	9.91	13.29	0.27	1.00	7.68	0.23	2.05	6.68	0.68	1.89	0.00
EUOF	0.85	1.28	0.85	12.54	0.00	0.00	24.44	9.91	13.29	0.27	1.00	7.68	0.23	2.05	6.68	0.68	1.45	0.00
POF	0.00	0.00	0.00	15.98	100.00	97.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EAF	99.15	98.72	99.15	71.48	0.00	2.19	75.56	90.09	86.71	99.73	99.00	92.32	99.77	97.95	93.32	99.32	98.55	100.00

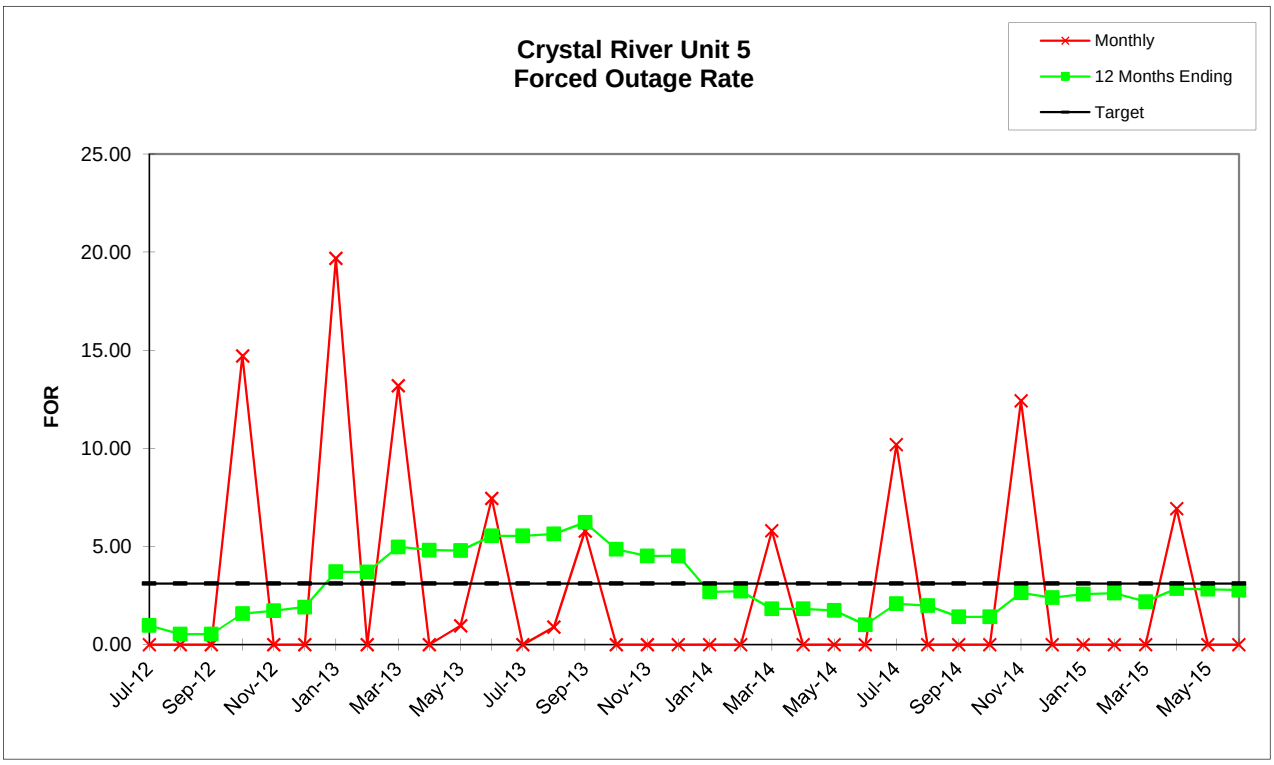
12 MONTHS	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Dec-13**
FOR	0.98	0.55	0.55	1.59	1.74	1.92	3.71	3.70	4.98	4.82	4.80	5.55	5.55	5.65	6.23	4.86	4.52	4.53
MOR	1.38	1.38	1.38	0.96	1.05	1.16	1.15	1.69	1.71	0.54	0.54	0.54	0.54	0.60	0.60	0.59	0.54	0.54
PFOR	0.38	0.36	0.37	0.38	0.37	0.41	0.91	1.19	1.21	1.13	1.02	0.94	0.89	0.92	0.92	0.88	0.82	0.82
PMOR	1.69	1.67	1.52	1.43	1.26	1.30	1.07	1.18	1.10	0.61	0.54	0.43	0.42	0.32	0.33	0.38	0.50	0.50
EUOR	4.37	3.90	3.76	4.28	4.33	4.70	6.67	7.52	8.69	6.95	6.77	7.33	7.27	7.35	7.93	6.59	6.26	6.27
EUOF	4.27	3.82	3.68	4.13	3.83	3.76	5.48	6.17	7.13	5.71	5.56	6.02	5.97	6.03	6.51	5.50	5.62	5.62
POF	0.00	0.00	0.00	1.35	9.56	17.85	17.85	17.89	17.89	17.89	17.89	17.89	17.89	17.89	17.89	16.54	8.31	0.00
EAF	95.73	96.18	96.32	94.52	86.61	78.40	76.67	75.93	74.97	76.40	76.55	76.09	76.14	76.07	75.60	77.96	86.07	94.38

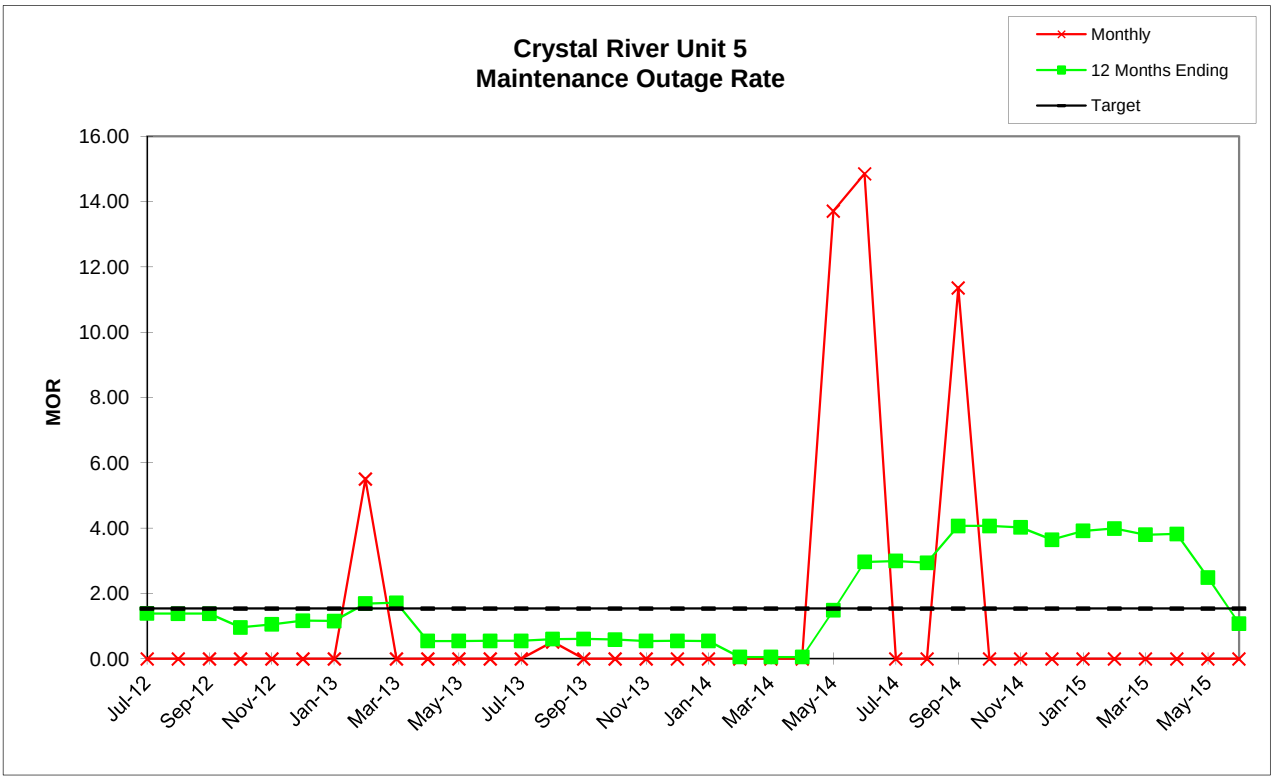
Crystal River
Unit 5

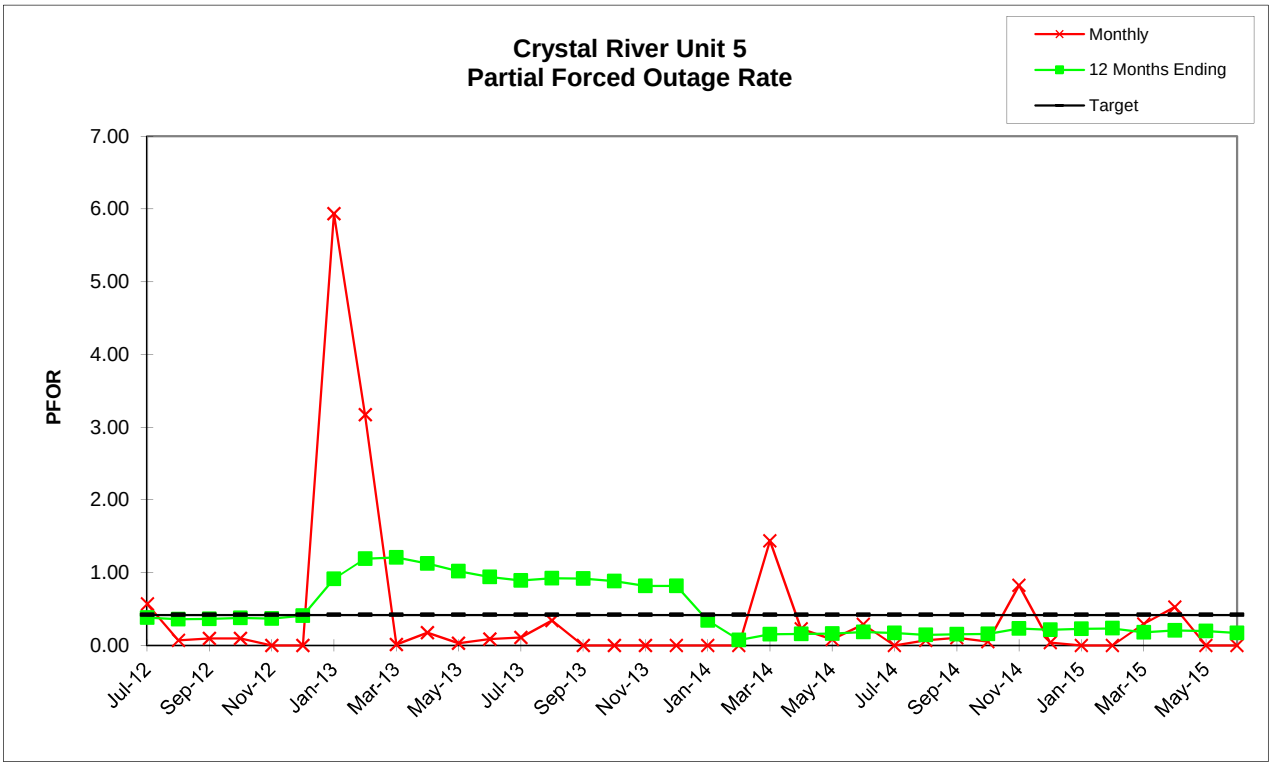
	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00
SER HOURS	623.42	541.10	375.38	720.00	641.95	613.00	668.17	744.00	638.17	744.00	631.43	744.00	75.32	404.02	743.00	670.08	744.00	720.00
RSH	120.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	668.68	267.98	0.00	0.00	0.00	0.00
UH	0.00	130.90	367.62	0.00	102.05	107.00	75.83	0.00	81.83	0.00	89.57	0.00	0.00	0.00	0.00	49.92	0.00	0.00
POH	0.00	130.90	344.50	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	0.00	0.00
FOH	0.00	0.00	23.12	0.00	0.00	0.00	75.83	0.00	0.00	0.00	89.57	0.00	0.00	0.00	0.00	49.92	0.00	0.00
MOH	0.00	0.00	0.00	0.00	102.05	107.00	0.00	0.00	81.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PFOH	0.00	0.00	6.75	12.85	4.10	2.23	0.00	1.67	3.33	4.25	20.37	2.25	0.00	0.00	17.01	28.28	0.00	0.00
LRPF	0.00	0.00	567.00	91.00	91.00	567.85	0.00	214.57	139.14	63.00	181.61	91.00	0.00	0.00	91.04	88.40	0.00	0.00
EFOH	0.00	0.00	5.39	1.65	0.53	1.78	0.00	0.50	0.65	0.38	5.21	0.29	0.00	0.00	2.18	3.52	0.00	0.00
PMOH	0.00	9.50	0.00	28.67	18.72	7.00	0.00	6.97	15.11	155.71	22.27	22.68	0.00	3.67	24.86	52.97	65.27	33.61
LRPM	0.00	234.00	0.00	72.43	90.98	91.00	0.00	100.95	143.09	73.91	156.81	91.01	0.00	471.57	177.54	78.48	199.38	83.63
EMOH	0.00	3.13	0.00	2.92	2.40	0.90	0.00	0.99	3.05	16.21	4.92	2.91	0.00	2.44	6.22	5.85	18.33	3.96
NPC	710.00	710.00	710.00	710.00	710.00	710.00	710.00	710.00	710.00	710.00	710.00	710.00	710.00	710.00	710.00	710.00	710.00	710.00

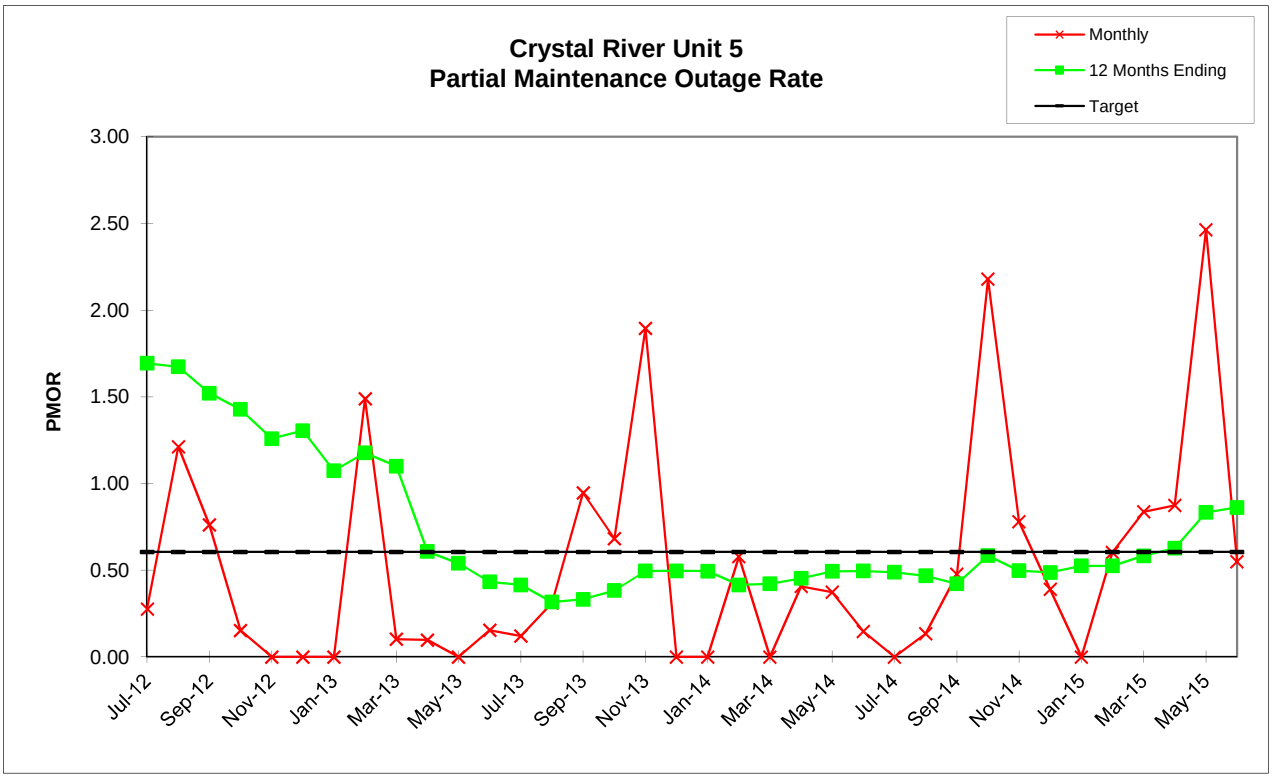
MONTHLY	**Jan-14**	**Feb-14**	**Mar-14**	**Apr-14**	**May-14**	**Jun-14**	**Jul-14**	**Aug-14**	**Sep-14**	**Oct-14**	**Nov-14**	**Dec-14**	**Jan-15**	**Feb-15**	**Mar-15**	**Apr-15**	**May-15**	**Jun-15**
FOR	0.00	0.00	5.80	0.00	0.00	0.00	10.19	0.00	0.00	0.00	12.42	0.00	0.00	0.00	0.00	6.93	0.00	0.00
MOR	0.00	0.00	0.00	0.00	13.72	14.86	0.00	0.00	11.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PFOR	0.00	0.00	1.44	0.23	0.08	0.29	0.00	0.07	0.10	0.05	0.83	0.04	0.00	0.00	0.29	0.53	0.00	0.00
PMOR	0.00	0.58	0.00	0.41	0.37	0.15	0.00	0.13	0.48	2.18	0.78	0.39	0.00	0.60	0.84	0.87	2.46	0.55
EUOR	0.00	0.58	7.15	0.63	14.11	15.23	10.19	0.20	11.88	2.23	13.83	0.43	0.00	0.60	1.13	8.24	2.46	0.55
EUOF	0.00	0.47	3.84	0.63	14.11	15.23	10.19	0.20	11.88	2.23	13.83	0.43	0.00	0.36	1.13	8.24	2.46	0.55
POF	0.00	19.48	46.37	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	0.00	0.00
EAF	100.00	80.05	49.80	99.37	85.89	84.77	89.81	99.80	88.12	97.77	86.17	99.57	100.00	99.64	98.87	91.76	97.54	99.45

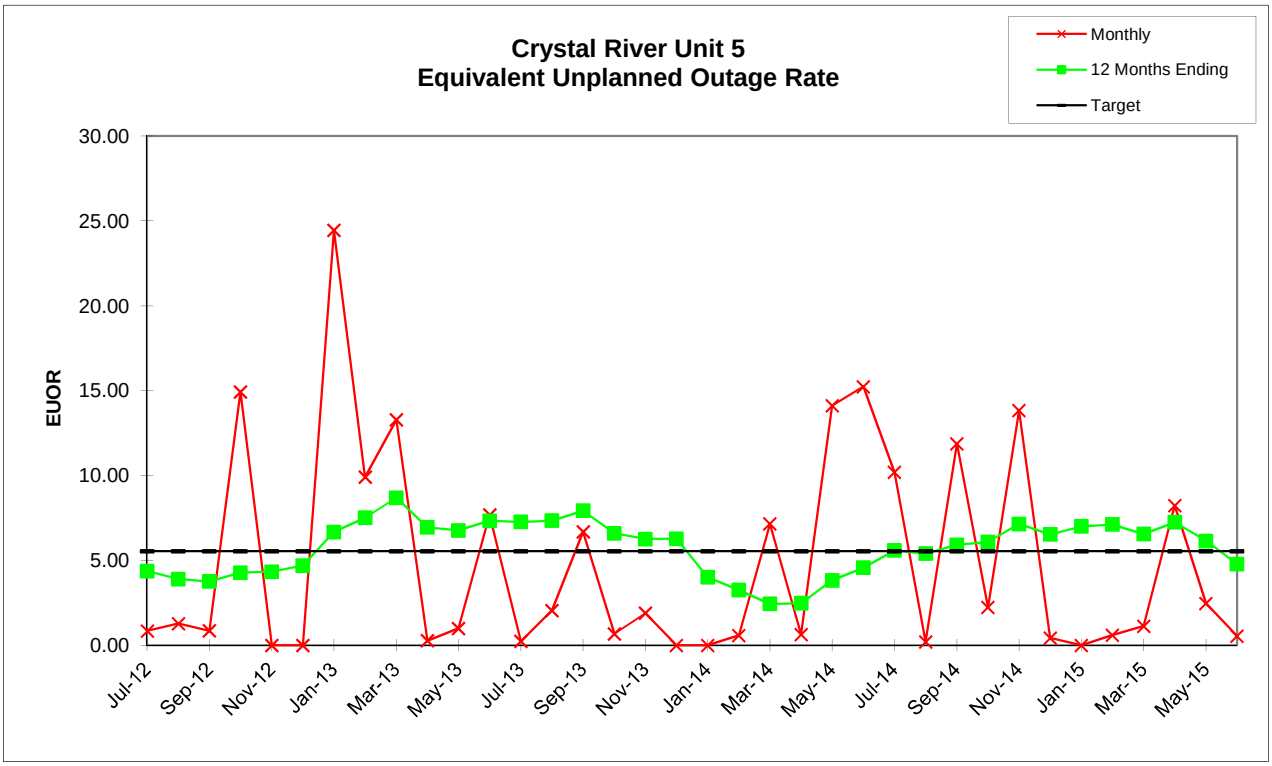
12 MONTHS	**Jan-14**	**Feb-14**	**Mar-14**	**Apr-14**	**May-14**	**Jun-14**	**Jul-14**	**Aug-14**	**Sep-14**	**Oct-14**	**Nov-14**	**Dec-14**	**Jan-15**	**Feb-15**	**Mar-15**	**Apr-15**	**May-15**	**Jun-15**
FOR	2.70	2.73	1.83	1.83	1.75	1.01	2.09	2.00	1.42	1.42	2.64	2.39	2.57	2.62	2.20	2.86	2.82	2.78
MOR	0.54	0.05	0.05	0.05	1.49	2.96	3.00	2.94	4.07	4.07	4.02	3.65	3.92	3.99	3.80	3.82	2.48	1.08
PFOR	0.34	0.07	0.15	0.16	0.16	0.18	0.17	0.14	0.15	0.16	0.23	0.21	0.23	0.23	0.18	0.21	0.20	0.17
PMOR	0.49	0.42	0.42	0.45	0.49	0.50	0.49	0.47	0.42	0.58	0.50	0.49	0.52	0.52	0.58	0.63	0.83	0.86
EUOR	4.02	3.25	2.44	2.48	3.82	4.57	5.59	5.40	5.92	6.08	7.14	6.53	7.00	7.12	6.55	7.25	6.14	4.79
EUOF	3.55	2.82	2.02	2.05	3.16	3.78	4.63	4.47	4.90	5.03	6.05	6.09	6.09	6.08	5.85	6.47	5.48	4.28
POF	0.00	1.49	5.43	5.43	5.43	5.43	5.43	5.43	5.43	5.43	5.43	5.43	5.43	3.93	0.00	0.00	0.00	0.00
EAF	96.45	95.68	92.55	92.52	91.41	90.79	89.94	90.10	89.67	89.54	88.52	88.49	88.49	89.99	94.15	93.53	94.52	95.72

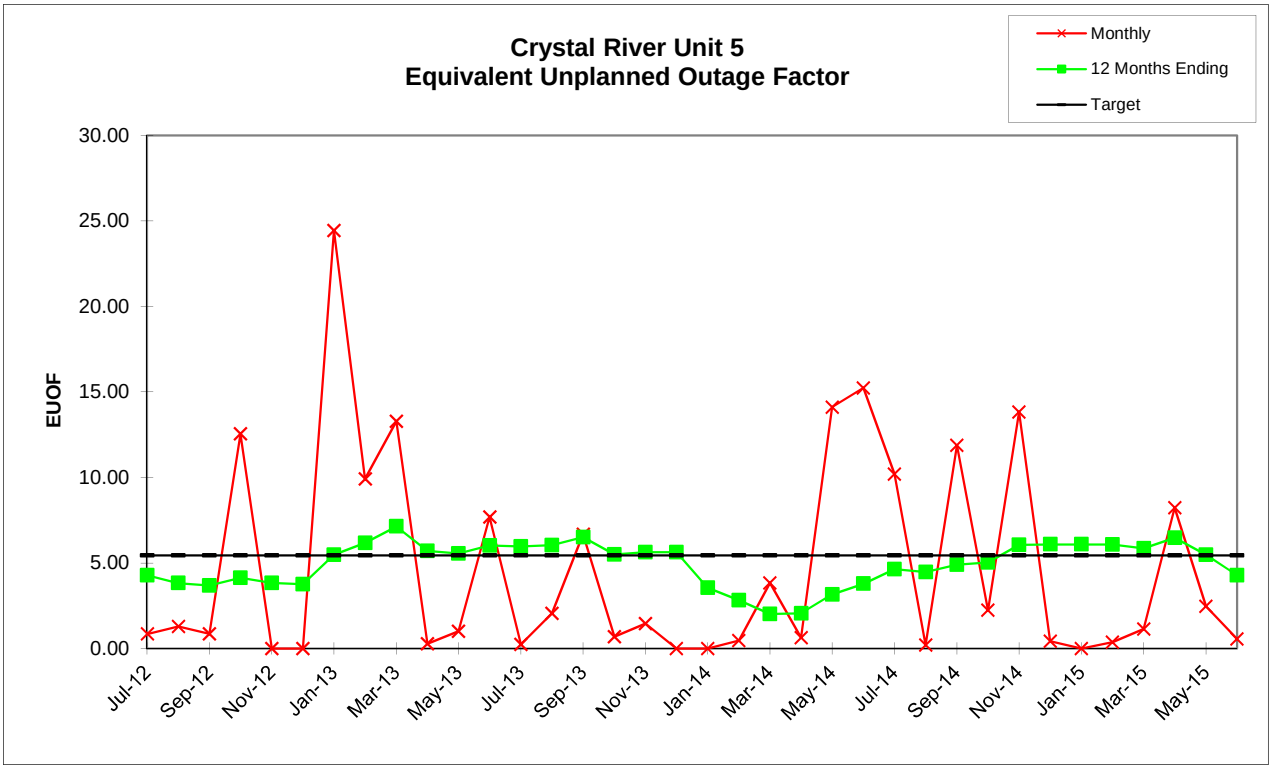

Crystal River Unit 5
Forced Outage Rate
Monthly
12 Months Ending
Target
FOR
25.00
20.00
15.00
10.00
5.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Crystal River Unit 5
Maintenance Outage Rate
Monthly
12 Months Ending
Target
MOR
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Crystal River Unit 5
Partial Forced Outage Rate
Monthly
12 Months Ending
Target
PFOR
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Crystal River Unit 5
Partial Maintenance Outage Rate
Monthly
12 Months Ending
Target
PMOR
3.00
2.50
2.00
1.50
1.00
0.50
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Crystal River Unit 5
Equivalent Unplanned Outage Rate
Monthly
12 Months Ending
Target
EUOR
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Crystal River Unit 5
Equivalent Unplanned Outage Factor
Monthly
12 Months Ending
Target
EUOF
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15

Hines
Unit 1

	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00
SER HOURS	744.00	719.00	701.03	744.00	721.00	718.58	744.00	672.00	743.00	291.80	567.27	699.00	744.00	744.00	720.00	744.00	358.67	0.00
RSH	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	0.00	0.00	0.00	360.55	744.00
UH	0.00	25.00	18.97	0.00	0.00	25.42	0.00	0.00	0.00	428.20	176.73	21.00	0.00	0.00	0.00	0.00	1.78	0.00
POH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	428.20	170.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FOH	0.00	0.00	18.97	0.00	0.00	25.42	0.00	0.00	0.00	0.00	6.05	21.00	0.00	0.00	0.00	0.00	1.78	0.00
MOH	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PFOH	0.00	21.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.58	55.30	45.51	0.00	0.00	10.15	0.00
LRPF	0.00	292.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	229.03	169.59	246.96	0.00	0.00	347.00	0.00
EFOH	0.00	13.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.17	20.30	24.33	0.00	0.00	7.62	0.00
PMOH	0.00	1.32	1.98	0.00	42.72	0.00	0.00	0.00	0.00	0.00	0.00	1.62	0.00	1.38	71.19	1.30	0.00	0.00
LRPM	0.00	198.50	130.22	0.00	214.64	0.00	0.00	0.00	0.00	0.00	0.00	198.59	0.00	199.48	227.48	199.00	0.00	0.00
EMOH	0.00	0.57	0.56	0.00	19.85	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.00	0.60	35.05	0.56	0.00	0.00
NPC	462.00	462.00	462.00	462.00	462.00	462.00	462.00	462.00	462.00	462.00	462.00	462.00	462.00	462.00	462.00	462.00	462.00	462.00

MONTHLY	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Dec-13**
FOR	0.00	0.00	2.63	0.00	0.00	3.42	0.00	0.00	0.00	0.00	1.06	2.92	0.00	0.00	0.00	0.00	0.49	0.00
MOR	0.00	3.36	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	0.00	0.00	0.00
PFOR	0.00	1.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.03	2.73	3.27	0.00	0.00	2.13	0.00
PMOR	0.00	0.08	0.08	0.00	2.75	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.08	4.87	0.08	0.00	0.00
EUOR	0.00	5.30	2.71	0.00	2.75	3.42	0.00	0.00	0.00	0.00	1.06	4.98	2.73	3.35	4.87	0.08	2.61	0.00
EUOF	0.00	5.30	2.71	0.00	2.75	3.42	0.00	0.00	0.00	0.00	0.81	4.98	2.73	3.35	4.87	0.08	1.30	0.00
POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.47	22.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EAF	100.00	94.70	97.29	100.00	97.25	96.58	100.00	100.00	100.00	40.53	76.25	95.02	97.27	96.65	95.13	99.92	98.70	100.00

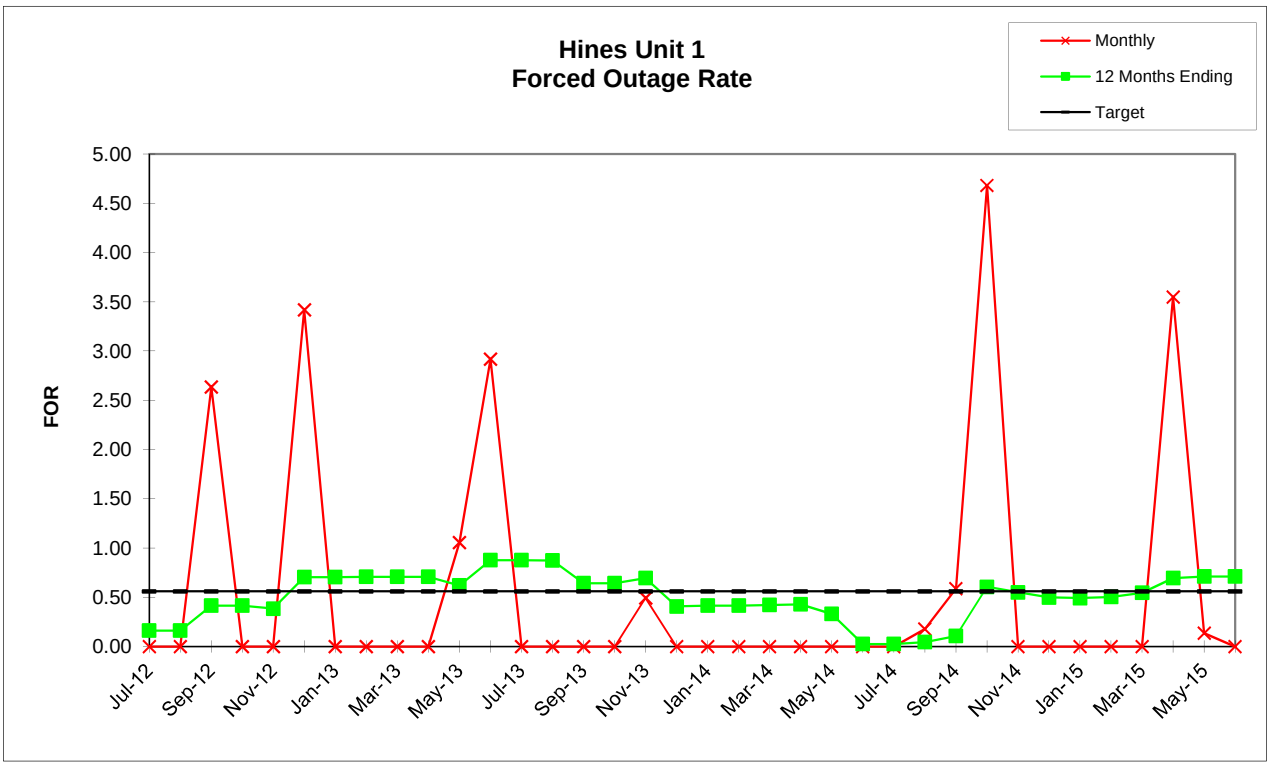
12 MONTHS	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Dec-13**
FOR	0.16	0.16	0.42	0.42	0.39	0.71	0.71	0.71	0.71	0.71	0.62	0.88	0.88	0.88	0.64	0.64	0.70	0.41
MOR	2.89	3.21	3.22	3.22	3.05	3.06	3.06	3.07	3.07	3.07	0.31	0.31	0.31	0.00	0.00	0.00	0.00	0.00
PFOR	1.18	0.83	0.48	0.48	0.45	0.45	0.20	0.20	0.20	0.19	0.18	0.35	0.60	0.73	0.73	0.73	0.86	0.95
PMOR	0.45	0.43	0.43	0.42	0.64	0.64	0.64	0.64	0.64	0.64	0.26	0.27	0.27	0.27	0.69	0.70	0.48	0.53
EUOR	4.63	4.58	4.49	4.48	4.46	4.77	4.53	4.54	4.53	4.54	1.36	1.79	2.04	1.86	2.05	2.06	2.02	1.87
EUOF	4.08	4.04	3.96	3.95	4.16	4.45	4.22	4.23	4.22	4.22	1.27	1.67	1.90	1.73	1.91	1.92	1.80	1.51
POF	11.28	11.28	11.28	11.28	6.77	6.77	6.77	6.79	6.79	7.03	6.84	6.84	6.84	6.84	6.84	6.84	6.84	6.84
EAF	84.64	84.68	84.77	84.77	89.07	88.78	89.01	88.98	88.98	88.75	91.89	91.50	91.26	91.43	91.25	91.25	91.36	91.65

Hines
Unit 1

	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00
SER HOURS	631.51	672.00	600.98	202.74	734.24	720.00	702.04	742.67	715.74	691.80	721.00	744.00	737.13	478.48	0.00	316.33	714.04	720.00
RSH	112.49	0.00	142.02	517.26	3.78	0.00	7.59	0.00	0.01	18.22	0.00	0.00	5.23	2.77	0.00	0.00	0.00	0.00
UH	0.00	0.00	0.00	0.00	5.98	0.00	34.37	1.33	4.24	33.98	0.00	0.00	1.63	190.75	743.00	403.67	29.96	0.00
POH	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	190.75	743.00	392.02	0.00	0.00
FOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.33	4.24	33.98	0.00	0.00	0.00	0.00	0.00	11.64	0.98	0.00
MOH	0.00	0.00	0.00	0.00	5.98	0.00	34.37	0.00	0.00	0.00	0.00	0.00	1.63	0.00	0.00	0.00	28.98	0.00
PFOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.41	0.00	33.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LRPF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	86.26	0.00	83.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EFOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	6.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PMOH	0.00	0.00	0.00	0.00	0.00	21.25	0.00	0.00	0.00	0.00	0.00	0.00	15.27	0.00	0.00	0.00	0.00	0.00
LRPM	0.00	0.00	0.00	0.00	0.00	62.78	0.00	0.00	0.00	0.00	0.00	0.00	71.99	0.00	0.00	0.00	0.00	0.00
EMOH	0.00	0.00	0.00	0.00	0.00	2.87	0.00	0.00	0.00	0.00	0.00	0.00	2.08	0.00	0.00	0.00	0.00	0.00
NPC	465.00	465.00	465.00	465.00	465.00	465.00	465.00	465.00	465.00	465.00	465.00	465.00	528.00	528.00	528.00	462.00	462.00	462.00

MONTHLY	**Jan-14**	**Feb-14**	**Mar-14**	**Apr-14**	**May-14**	**Jun-14**	**Jul-14**	**Aug-14**	**Sep-14**	**Oct-14**	**Nov-14**	**Dec-14**	**Jan-15**	**Feb-15**	**Mar-15**	**Apr-15**	**May-15**	**Jun-15**
FOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.59	4.68	0.00	0.00	0.00	0.00	0.00	3.55	0.14	0.00
MOR	0.00	0.00	0.00	0.00	0.81	0.00	4.67	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	3.90	0.00
PFOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PMOR	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00
EUOR	0.00	0.00	0.00	0.00	0.81	0.40	4.67	0.21	0.59	5.52	0.00	0.00	0.50	0.00	0.00	3.55	4.03	0.00
EUOF	0.00	0.00	0.00	0.00	0.80	0.40	4.62	0.21	0.59	5.38	0.00	0.00	0.50	0.00	0.00	1.62	4.03	0.00
POF	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	28.39	100.00	54.45	0.00	0.00
EAF	100.00	100.00	100.00	100.00	99.20	99.60	95.38	99.79	99.41	94.62	100.00	100.00	99.50	71.61	0.00	43.94	95.97	100.00

12 MONTHS	**Jan-14**	**Feb-14**	**Mar-14**	**Apr-14**	**May-14**	**Jun-14**	**Jul-14**	**Aug-14**	**Sep-14**	**Oct-14**	**Nov-14**	**Dec-14**	**Jan-15**	**Feb-15**	**Mar-15**	**Apr-15**	**May-15**	**Jun-15**
FOR	0.42	0.42	0.42	0.43	0.33	0.03	0.03	0.05	0.11	0.61	0.55	0.50	0.49	0.51	0.55	0.70	0.71	0.71
MOR	0.00	0.00	0.00	0.00	0.09	0.09	0.59	0.59	0.59	0.59	0.56	0.51	0.52	0.54	0.58	0.57	0.88	0.88
PFOR	0.96	0.96	0.98	0.99	0.97	0.76	0.47	0.12	0.12	0.21	0.09	0.08	0.08	0.08	0.09	0.09	0.09	0.09
PMOR	0.53	0.53	0.54	0.55	0.54	0.57	0.57	0.56	0.05	0.04	0.04	0.04	0.06	0.06	0.07	0.07	0.07	0.03
EUOR	1.90	1.90	1.94	1.97	1.92	1.44	1.65	1.31	0.86	1.44	1.23	1.12	1.15	1.18	1.28	1.41	1.74	1.70
EUOF	1.51	1.51	1.51	1.51	1.51	1.13	1.29	1.03	0.67	1.12	1.02	1.02	1.06	1.06	1.06	1.19	1.47	1.43
POF	6.84	6.84	6.84	1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.18	10.66	15.13	15.13	15.13
EAF	91.65	91.65	91.65	96.54	98.49	98.87	98.71	98.97	99.33	98.88	98.98	98.98	98.94	96.76	88.28	83.67	83.40	83.43


Hines Unit 1
Forced Outage Rate
Monthly
12 Months Ending
Target
FOR
5.00
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
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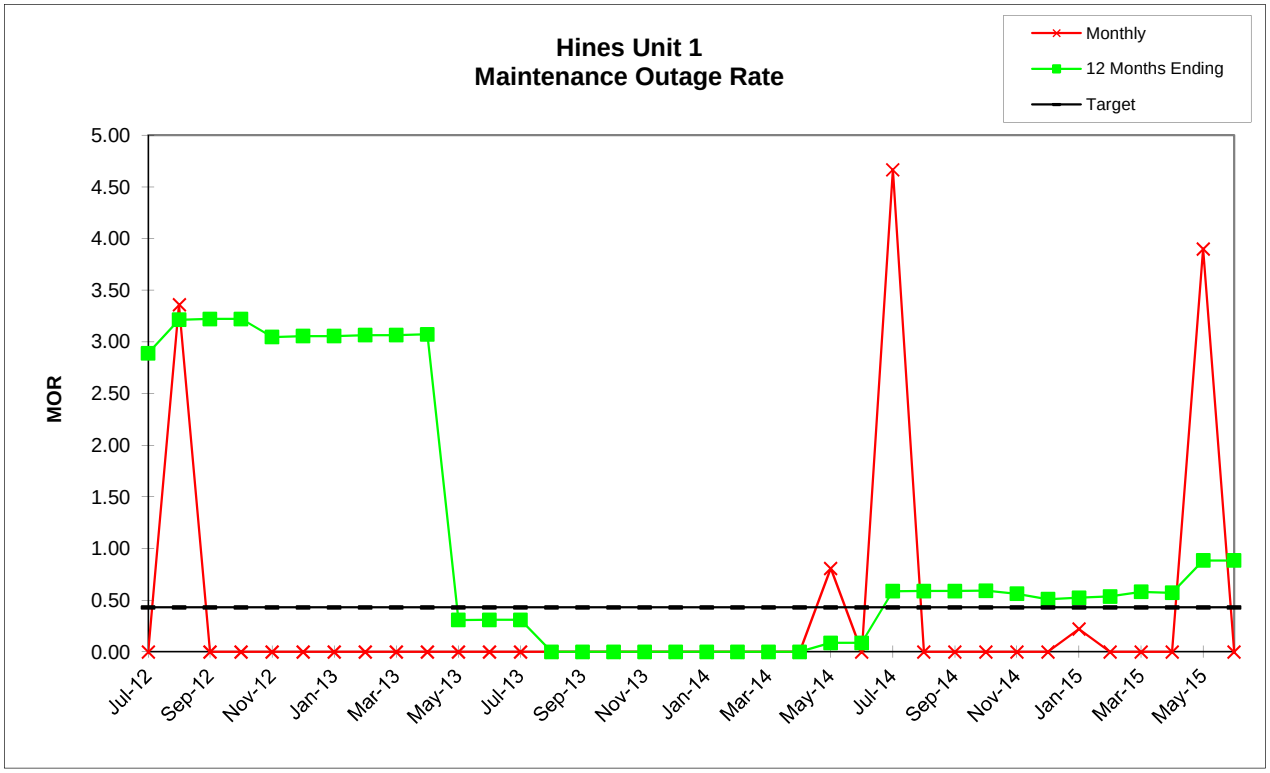
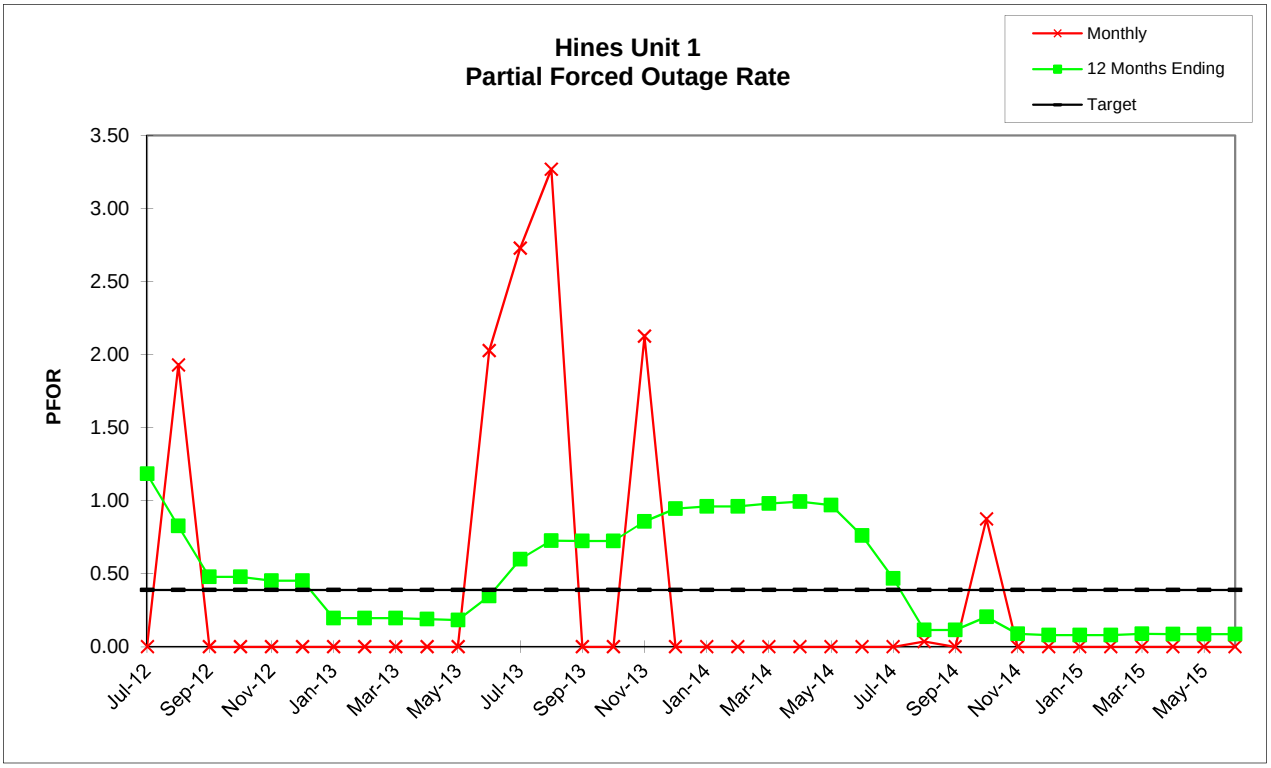
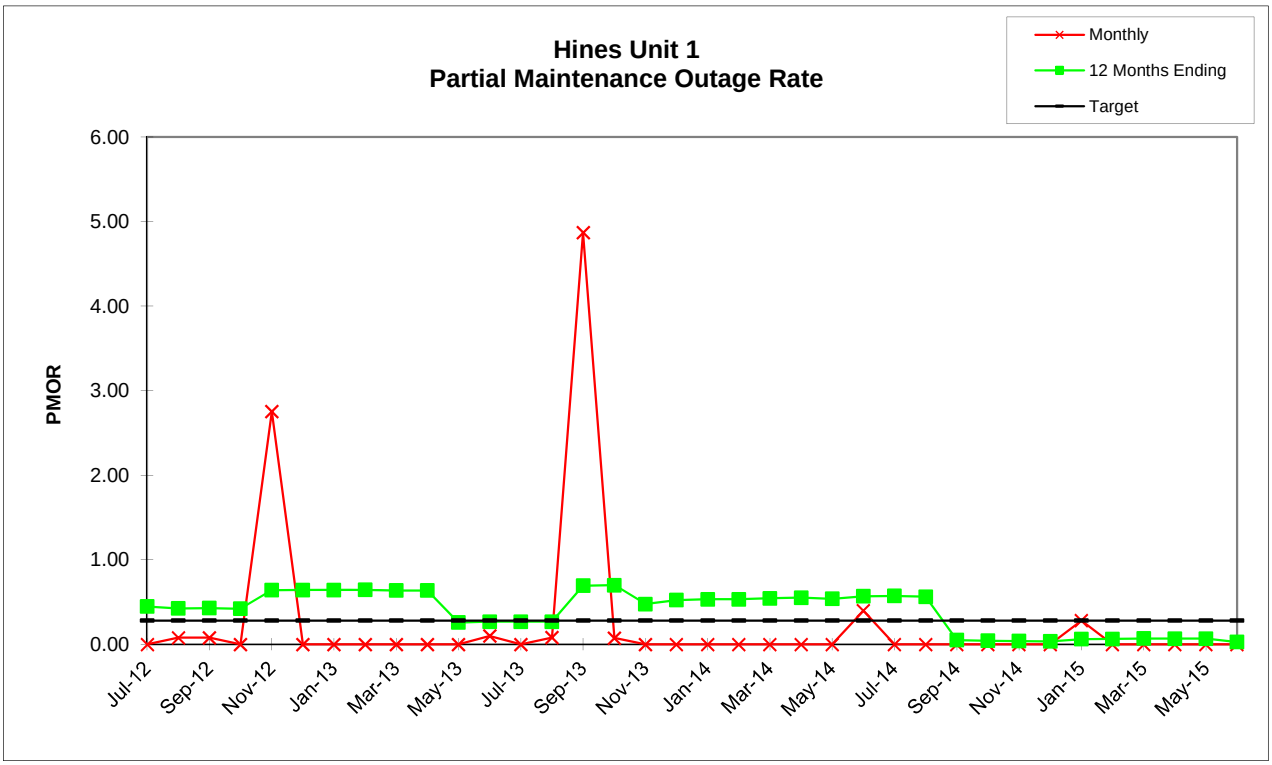
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Hines Unit 1
Maintenance Outage Rate
Monthly
12 Months Ending
Target
MOR
5.00
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Hines Unit 1
Partial Forced Outage Rate
Monthly
12 Months Ending
Target
PFOR
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Hines Unit 1
Partial Maintenance Outage Rate
Monthly
12 Months Ending
Target
PMOR
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
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Jan-14
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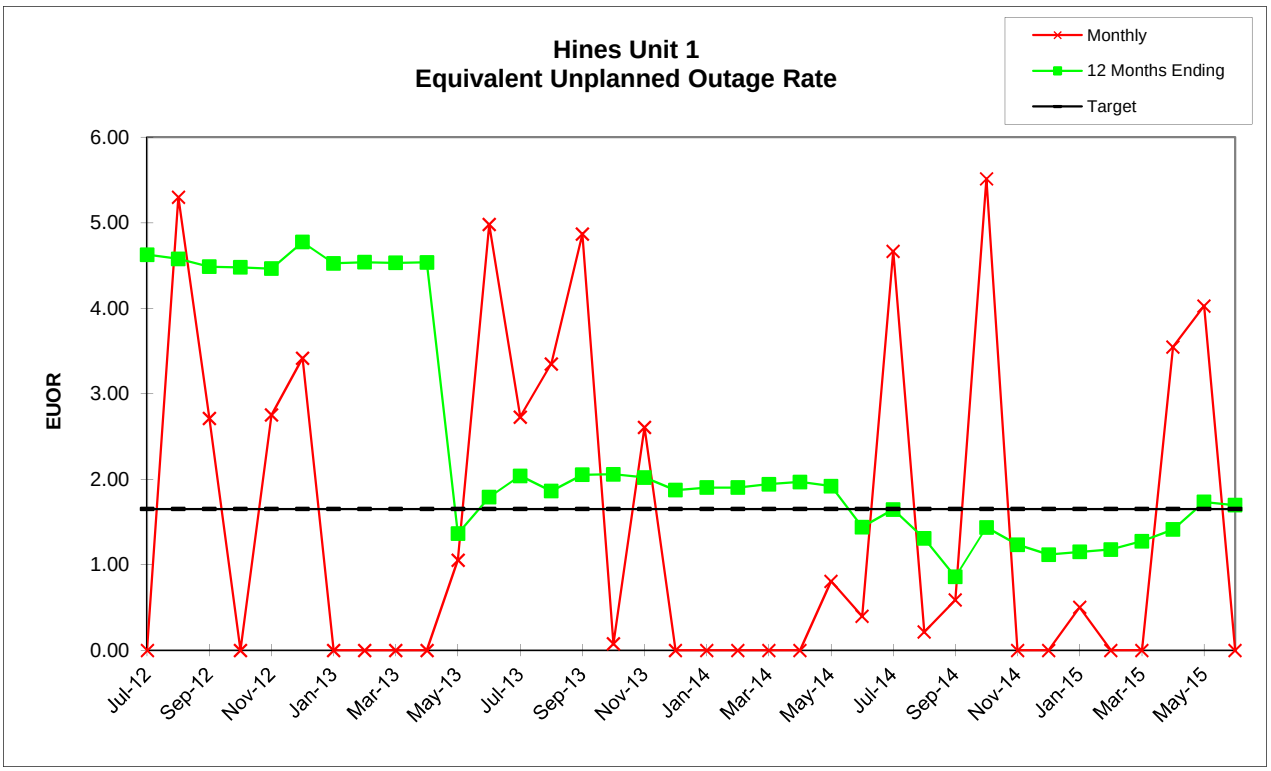
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Hines Unit 1
Equivalent Unplanned Outage Rate
Monthly
12 Months Ending
Target
EUOR
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
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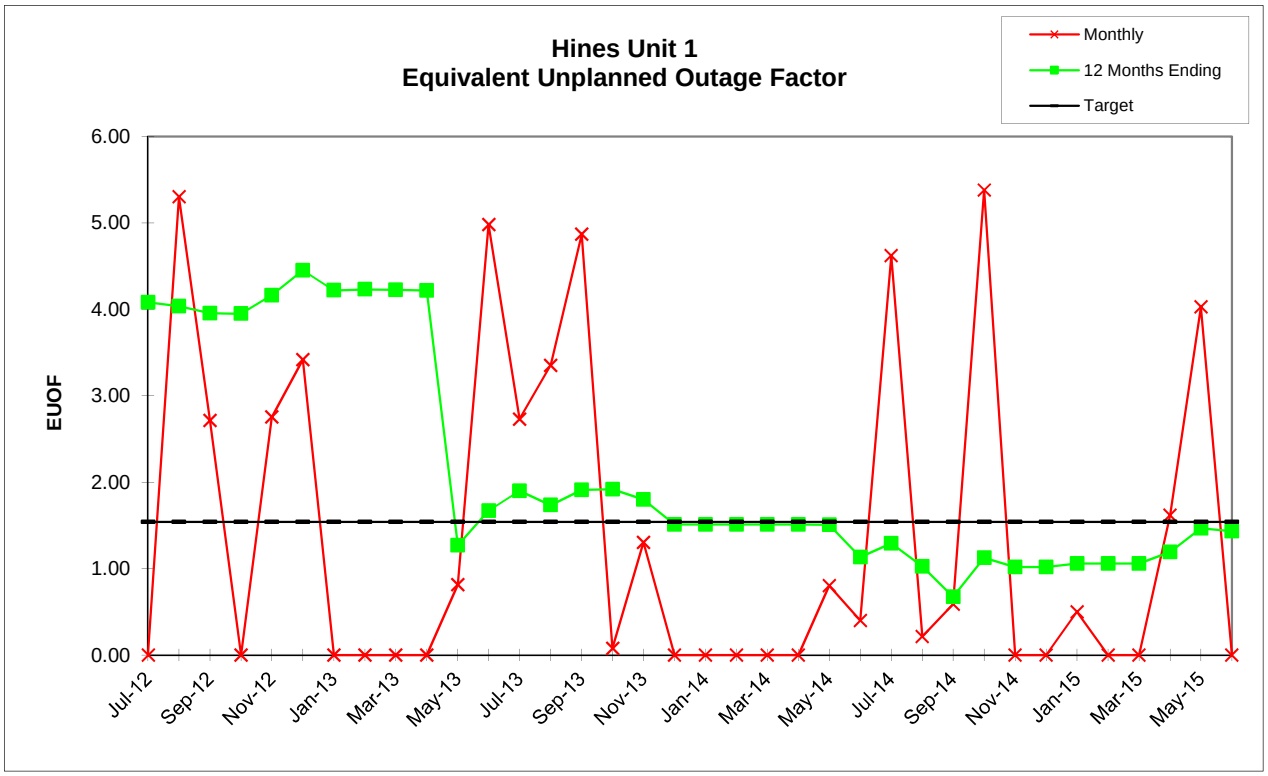
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Hines Unit 1
Equivalent Unplanned Outage Factor
Monthly
12 Months Ending
Target
EUOF
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15

Hines
Unit 2

	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00
SER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	335.82	51.62	717.42	720.00	717.17	696.45	744.00	744.00	720.00	744.00	721.00	739.62
RSH	0.00	0.00	0.00	0.00	0.00	0.00	408.18	24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	596.39	25.58	0.00	26.83	23.55	0.00	0.00	0.00	0.00	0.00	4.38
POH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	495.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.82	25.58	0.00	26.83	23.55	0.00	0.00	0.00	0.00	0.00	4.38
MOH	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	0.00	0.00	0.00	0.00	0.00
PFOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.66	0.00	1.12	0.00	0.00	61.05
LRPF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	230.33	0.00	313.06	0.00	0.00	1.00
EFOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.65	0.00	0.72	0.00	0.00	0.12
PMOH	0.00	1.95	1.98	0.00	1.98	0.00	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00	1.50	1.10	0.00	0.00
LRPM	0.00	147.00	158.27	0.00	170.29	0.00	0.00	0.00	0.00	0.00	0.00	127.00	0.00	0.00	136.00	136.00	0.00	0.00
EMOH	0.00	0.59	0.64	0.00	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.00	0.00	0.42	0.31	0.00	0.00
NPC	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00

MONTHLY	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Dec-13**
FOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.14	3.44	0.00	3.61	3.27	0.00	0.00	0.00	0.00	0.00	0.59
MOR	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	0.00	0.00	0.00	0.00	0.00
PFOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.43	0.00	0.10	0.00	0.00	0.02
PMOR	0.00	0.08	0.09	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.06	0.04	0.00	0.00
EUOR	0.00	0.08	0.09	0.00	0.10	0.00	0.00	66.14	3.44	0.00	3.61	3.32	1.43	0.00	0.16	0.04	0.00	0.61
EUOF	0.00	0.08	0.09	0.00	0.10	0.00	0.00	15.00	3.44	0.00	3.61	3.32	1.43	0.00	0.16	0.04	0.00	0.61
POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	73.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EAF	100.00	99.92	99.91	100.00	99.90	100.00	100.00	11.25	96.56	100.00	96.39	96.68	98.57	100.00	99.84	99.96	100.00	99.39

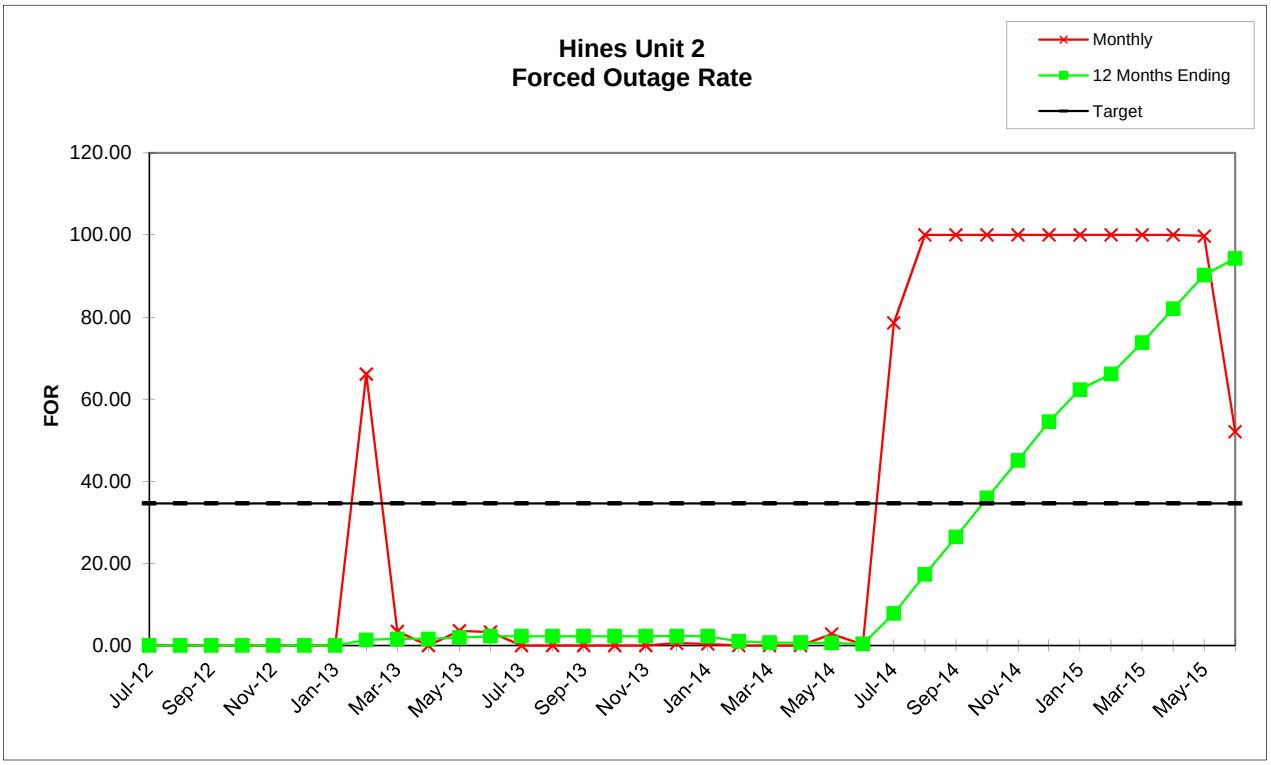
12 MONTHS	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Dec-13**
FOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.39	1.62	1.61	1.96	2.26	2.26	2.26	2.26	2.26	2.26	2.31
MOR	0.90	0.90	0.90	0.90	0.84	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
PFOR	0.59	0.55	0.40	0.40	0.38	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.14	0.15	0.15	0.15	0.15
PMOR	0.35	0.30	0.30	0.30	0.29	0.15	0.14	0.15	0.14	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.01	0.01
EUOR	1.83	1.73	1.59	1.59	1.51	0.16	0.14	1.54	1.76	1.65	1.99	2.29	2.42	2.41	2.42	2.43	2.42	2.47
EUOF	1.52	1.44	1.33	1.33	1.33	0.14	0.12	1.27	1.57	1.48	1.78	2.04	2.17	2.16	2.16	2.17	2.16	2.21
POF	11.61	11.61	11.61	11.61	6.45	6.43	6.43	12.10	6.11	5.66	5.66	5.66	5.66	5.66	5.66	5.66	5.66	5.66
EAF	86.86	86.94	87.06	87.06	92.22	93.43	93.45	86.62	92.33	92.86	92.56	92.30	92.18	92.18	92.18	92.17	92.18	92.13

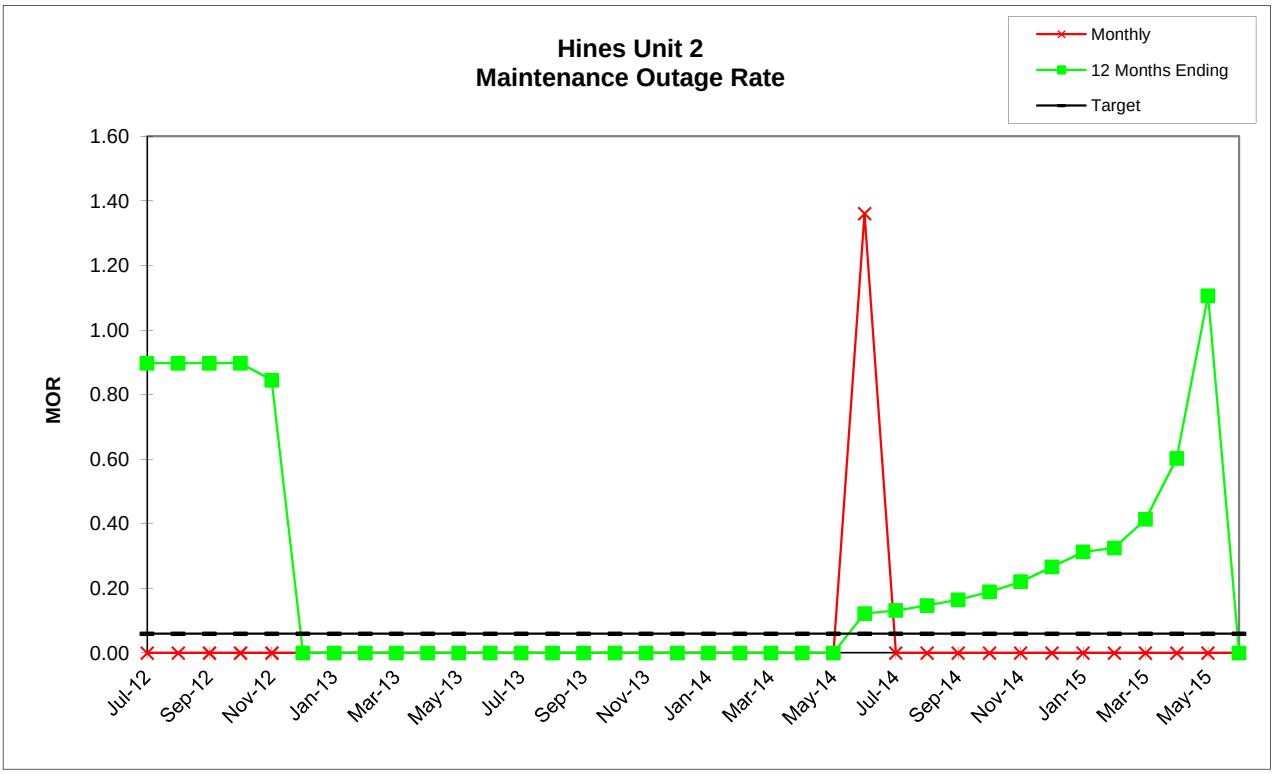
Hines
Unit 2

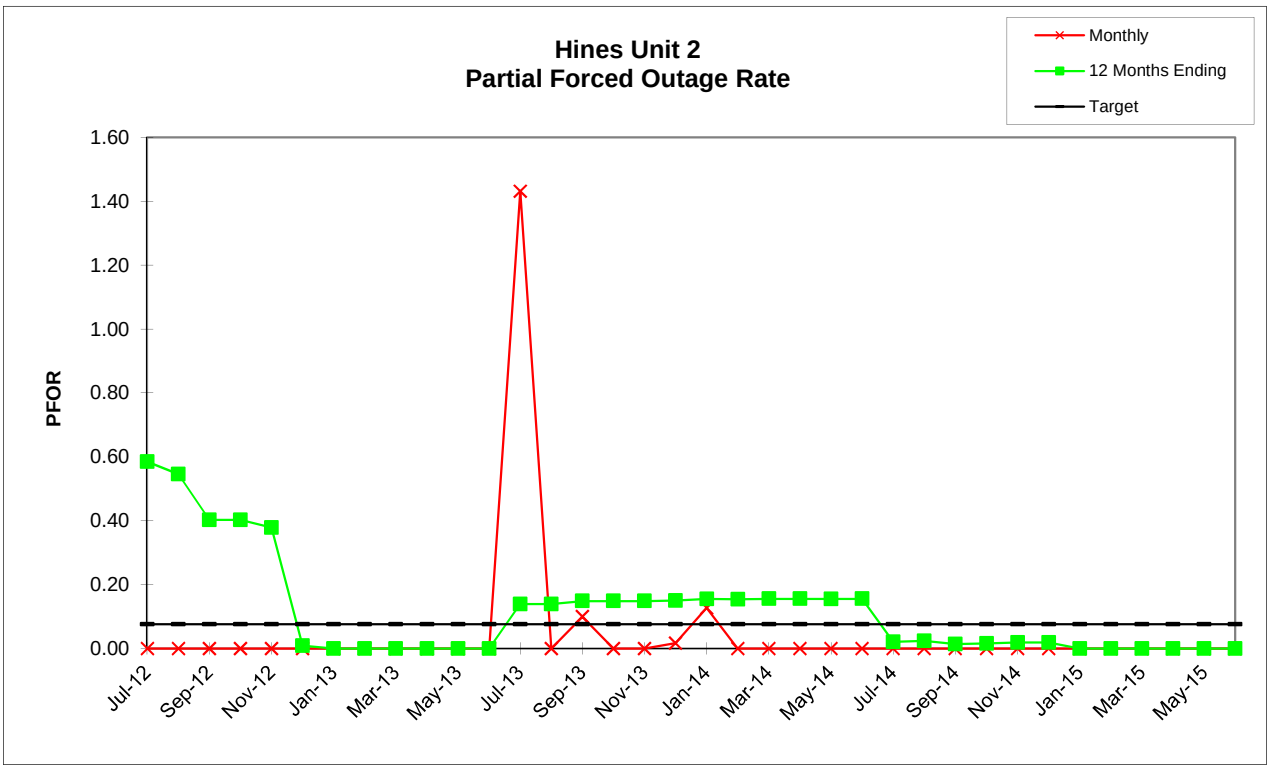
	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00
SER HOURS	536.53	114.32	629.49	720.00	722.88	690.99	159.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.83	344.66
RSH	205.18	557.68	113.51	0.00	0.00	17.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
UH	2.29	0.00	0.00	0.00	21.12	11.37	584.92	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	742.17	375.33
POH	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	0.00	0.00	0.00	0.00	0.00
FOH	2.29	0.00	0.00	0.00	21.12	1.84	584.92	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	742.17	375.33
MOH	0.00	0.00	0.00	0.00	0.00	9.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PFOH	2.71	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	0.00	0.00	0.00	0.00
LRPF	123.07	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	0.00	0.00	0.00	0.00
EFOH	0.68	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	0.00	0.00	0.00	0.00
PMOH	0.00	0.00	0.00	0.94	0.00	6.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LRPM	0.00	0.00	0.00	51.88	0.00	55.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMOH	0.00	0.00	0.00	0.10	0.00	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPC	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	490.00	563.00	563.00	563.00	490.00	490.00	490.00

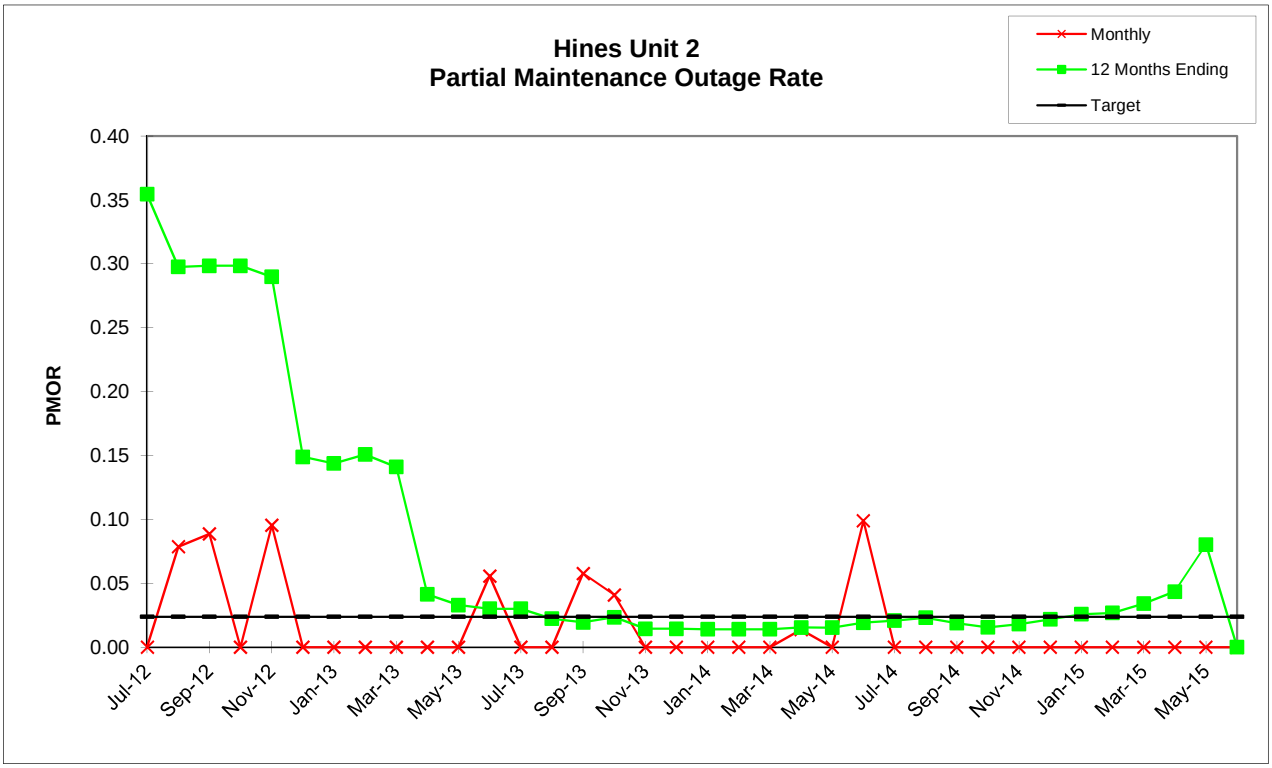
MONTHLY	**Jan-14**	**Feb-14**	**Mar-14**	**Apr-14**	**May-14**	**Jun-14**	**Jul-14**	**Aug-14**	**Sep-14**	**Oct-14**	**Nov-14**	**Dec-14**	**Jan-15**	**Feb-15**	**Mar-15**	**Apr-15**	**May-15**	**Jun-15**
FOR	0.43	0.00	0.00	0.00	2.84	0.27	78.62	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.75	52.13
MOR	0.00	0.00	0.00	0.00	0.00	1.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PFOR	0.13	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	0.00	0.00	0.00	0.00
PMOR	0.00	0.00	0.00	0.01	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EUOR	0.55	0.00	0.00	0.01	2.84	1.72	78.62	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.75	52.13
EUOF	0.40	0.00	0.00	0.01	2.84	1.67	78.62	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.75	52.13
POF	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	0.00	0.00	0.00	0.00	0.00
EAF	99.60	100.00	100.00	99.99	97.16	98.33	21.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	47.87

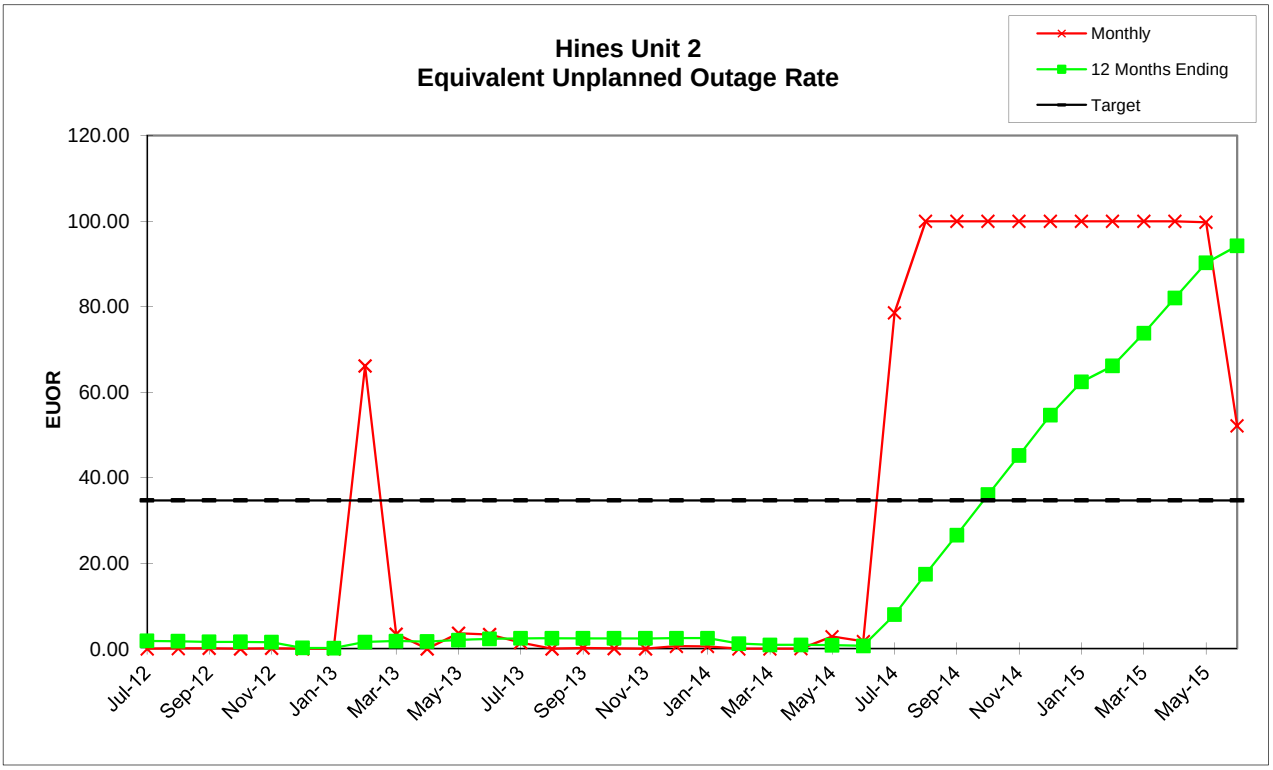
12 MONTHS	**Jan-14**	**Feb-14**	**Mar-14**	**Apr-14**	**May-14**	**Jun-14**	**Jul-14**	**Aug-14**	**Sep-14**	**Oct-14**	**Nov-14**	**Dec-14**	**Jan-15**	**Feb-15**	**Mar-15**	**Apr-15**	**May-15**	**Jun-15**
FOR	2.28	1.03	0.72	0.72	0.65	0.38	7.82	17.29	26.46	35.93	45.10	54.52	62.33	66.09	73.74	81.99	90.24	94.23
MOR	0.00	0.00	0.00	0.00	0.00	0.12	0.13	0.15	0.16	0.19	0.22	0.27	0.31	0.33	0.41	0.60	1.11	0.00
PFOR	0.16	0.15	0.16	0.16	0.16	0.16	0.02	0.02	0.01	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00
PMOR	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.08	0.00
EUOR	2.45	1.20	0.89	0.89	0.82	0.67	7.97	17.43	26.57	36.02	45.19	54.59	62.38	66.14	73.78	82.02	90.26	94.23
EUOF	2.25	1.09	0.80	0.80	0.74	0.60	7.16	15.65	23.86	32.35	40.58	49.02	57.48	65.15	73.63	81.85	90.08	94.23
POF	5.66	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	0.00	0.00	0.00	0.00
EAF	92.10	98.91	99.20	99.20	99.26	99.40	92.84	84.35	76.14	67.65	59.42	50.98	42.52	34.85	26.37	18.15	9.92	5.77

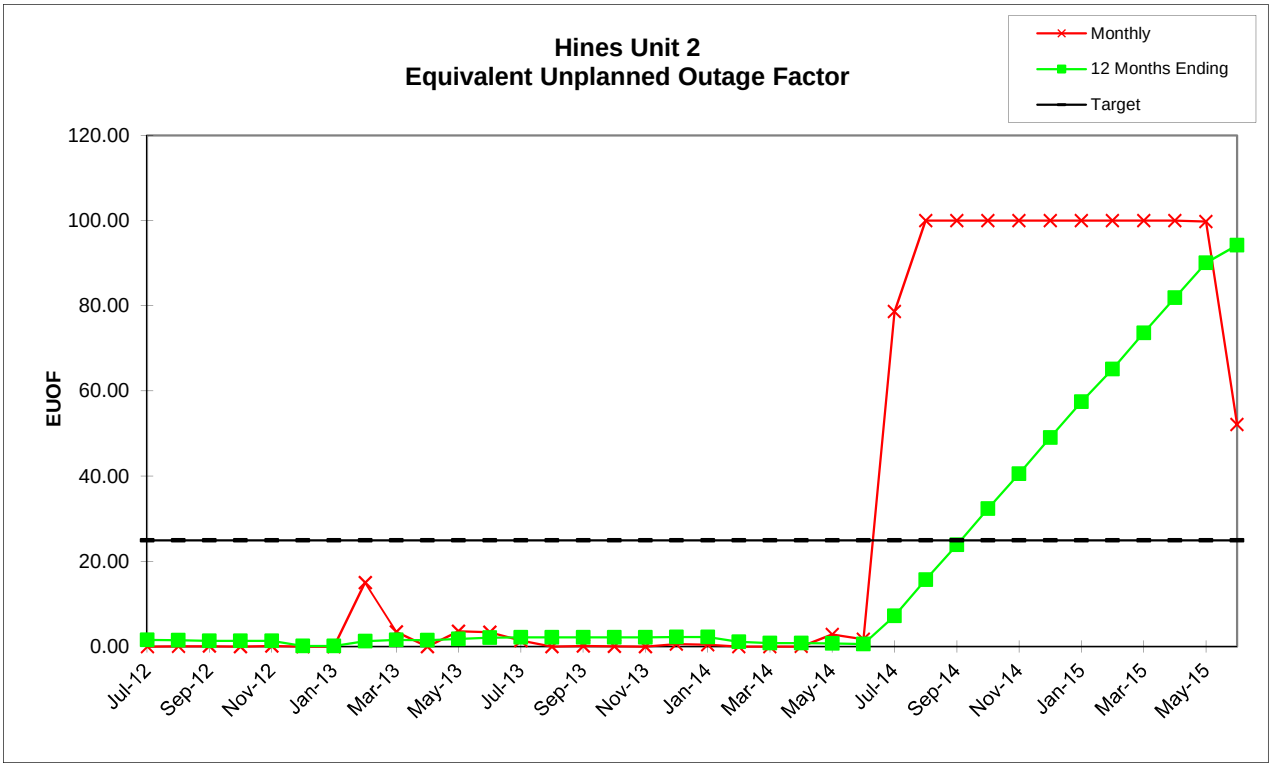

Hines Unit 2
Forced Outage Rate
Monthly
12 Months Ending
Target
FOR
120.00
100.00
80.00
60.00
40.00
20.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Hines Unit 2
Maintenance Outage Rate
Monthly
12 Months Ending
Target
MOR
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Hines Unit 2
Partial Forced Outage Rate
Monthly
12 Months Ending
Target
PFOR
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Hines Unit 2
Partial Maintenance Outage Rate
Monthly
12 Months Ending
Target
PMOR
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Hines Unit 2
Equivalent Unplanned Outage Rate
Monthly
12 Months Ending
Target
EUOR
120.00
100.00
80.00
60.00
40.00
20.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Hines Unit 2
Equivalent Unplanned Outage Factor
Monthly
12 Months Ending
Target
EUOF
120.00
100.00
80.00
60.00
40.00
20.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15

Hines
Unit 3

	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00
SER HOURS	744.00	744.00	720.00	287.82	688.68	744.00	744.00	672.00	571.35	720.00	744.00	720.00	700.42	744.00	720.00	744.00	721.00	664.15
RSH	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	0.00	0.00	0.00	0.00	0.00
UH	0.00	0.00	0.00	456.18	32.32	0.00	0.00	0.00	171.65	0.00	0.00	0.00	43.58	0.00	0.00	0.00	0.00	79.85
POH	0.00	0.00	0.00	456.18	32.32	0.00	0.00	0.00	171.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.58	0.00	0.00	0.00	0.00	79.85
MOH	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	0.00	0.00	0.00	0.00	0.00
PFOH	3.78	28.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.06	0.00	0.00	2.82	25.78	0.00
LRPF	328.29	318.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	132.23	0.00	0.00	257.70	381.05	0.00
EFOH	2.54	18.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.62	0.00	0.00	1.49	20.13	0.00
PMOH	0.00	0.00	0.00	4.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.23	0.00	0.00	0.00
LRPM	0.00	0.00	0.00	318.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	156.23	0.00	0.00	0.00
EMOH	0.00	0.00	0.00	3.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.00	0.00	0.00
NPC	488.00	488.00	488.00	488.00	488.00	488.00	488.00	488.00	488.00	488.00	488.00	488.00	488.00	488.00	488.00	488.00	488.00	488.00

MONTHLY	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Dec-13**
FOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.86	0.00	0.00	0.00	0.00	10.73
MOR	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	0.00	0.00	0.00	0.00	0.00
PFOR	0.34	2.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.20	2.79	0.00
PMOR	0.00	0.00	0.00	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00
EUOR	0.34	2.53	0.00	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.48	0.00	0.10	0.20	2.79	10.73
EUOF	0.34	2.53	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.48	0.00	0.10	0.20	2.79	10.73
POF	0.00	0.00	0.00	61.31	4.48	0.00	0.00	0.00	23.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EAF	99.66	97.47	100.00	38.28	95.52	100.00	100.00	100.00	76.90	100.00	100.00	100.00	93.52	100.00	99.90	99.80	97.21	89.27

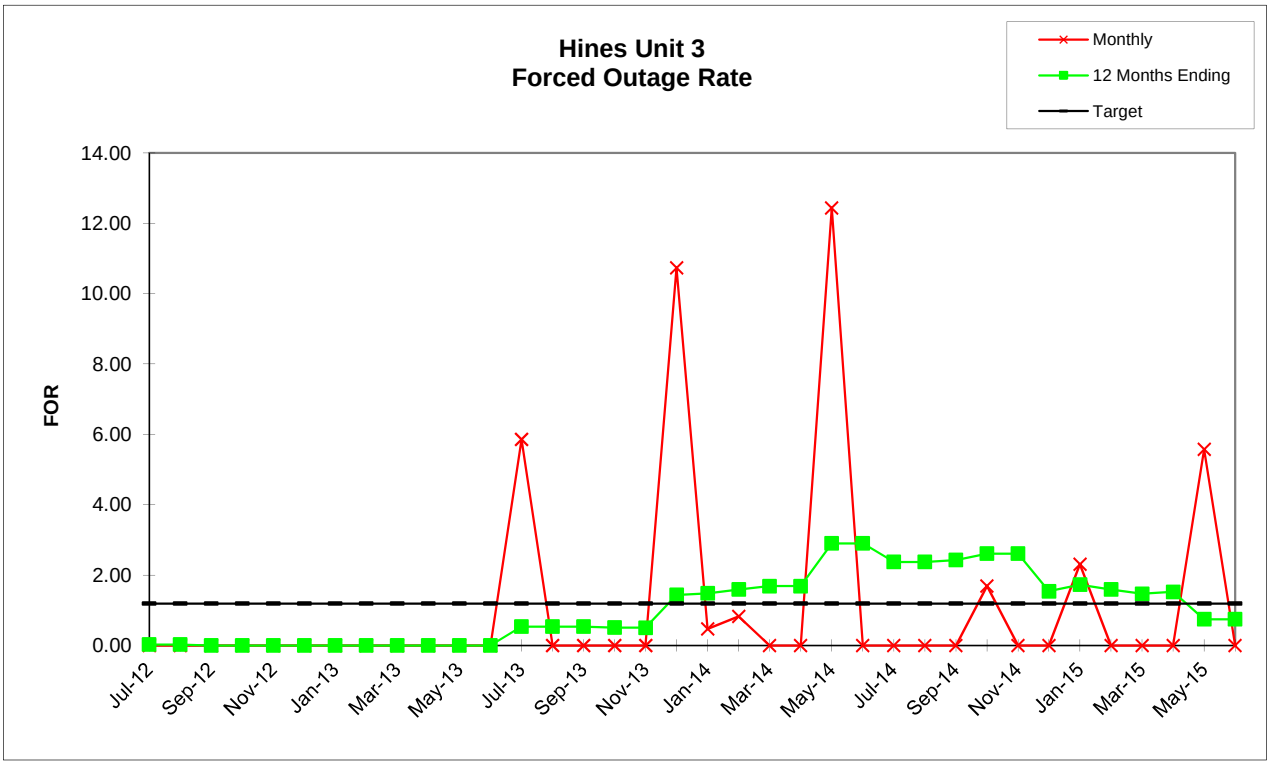
12 MONTHS	**Jul-12**	**Aug-12**	**Sep-12**	**Oct-12**	**Nov-12**	**Dec-12**	**Jan-13**	**Feb-13**	**Mar-13**	**Apr-13**	**May-13**	**Jun-13**	**Jul-13**	**Aug-13**	**Sep-13**	**Oct-13**	**Nov-13**	**Dec-13**
FOR	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.54	0.54	0.51	0.51	1.44
MOR	0.51	0.51	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	0.00	0.00	0.00
PFOR	0.18	0.38	0.32	0.34	0.34	0.30	0.30	0.30	0.28	0.26	0.26	0.26	0.29	0.06	0.06	0.07	0.31	0.31
PMOR	0.13	0.10	0.10	0.15	0.13	0.06	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.05	0.01	0.01	0.01
EUOR	0.85	1.01	0.42	0.49	0.47	0.36	0.35	0.36	0.33	0.31	0.31	0.30	0.87	0.63	0.64	0.59	0.82	1.75
EUOF	0.69	0.83	0.34	0.37	0.37	0.29	0.29	0.29	0.29	0.29	0.28	0.28	0.80	0.59	0.59	0.58	0.81	1.72
POF	18.02	18.02	18.02	23.22	22.22	19.47	19.47	19.52	13.57	7.54	7.54	7.54	7.54	7.54	7.54	2.33	1.96	1.96
EAF	81.28	81.15	81.63	76.41	77.41	80.24	80.24	80.19	86.14	92.18	92.18	92.18	91.66	91.88	91.87	97.10	97.24	96.32

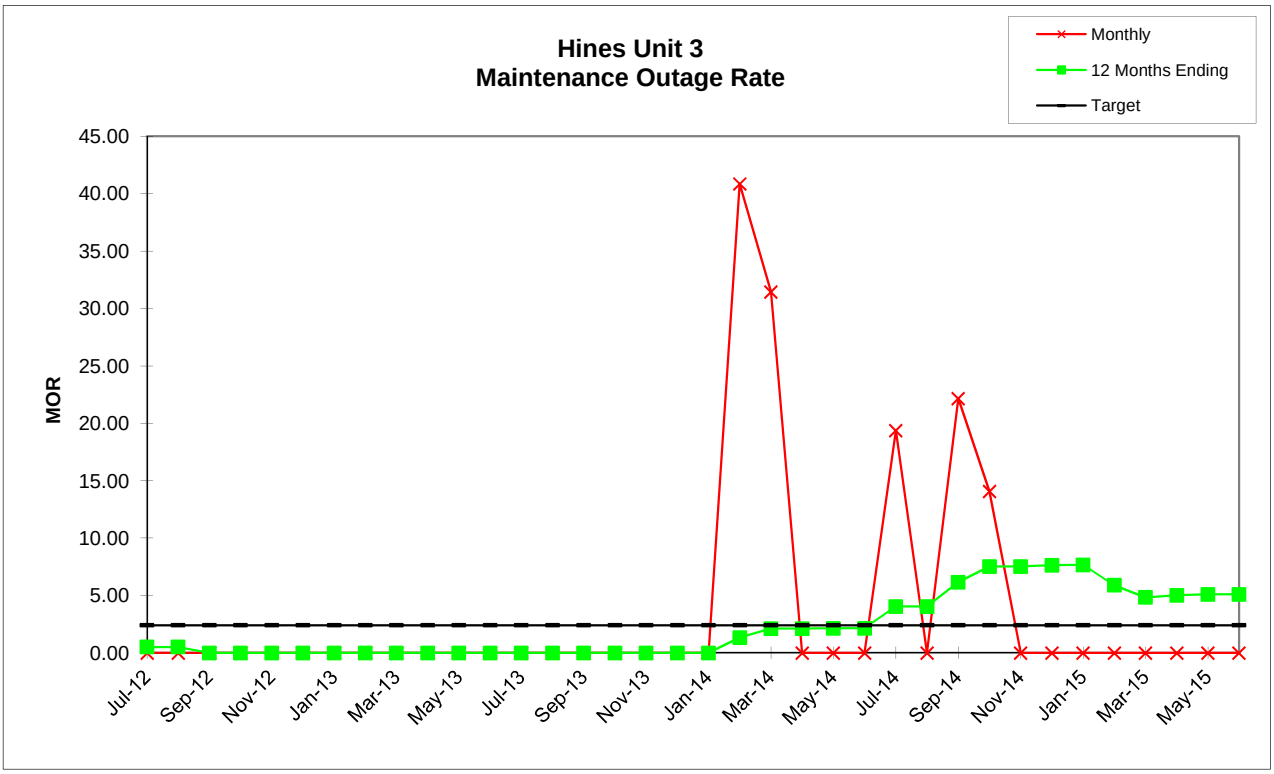
Hines
Unit 3

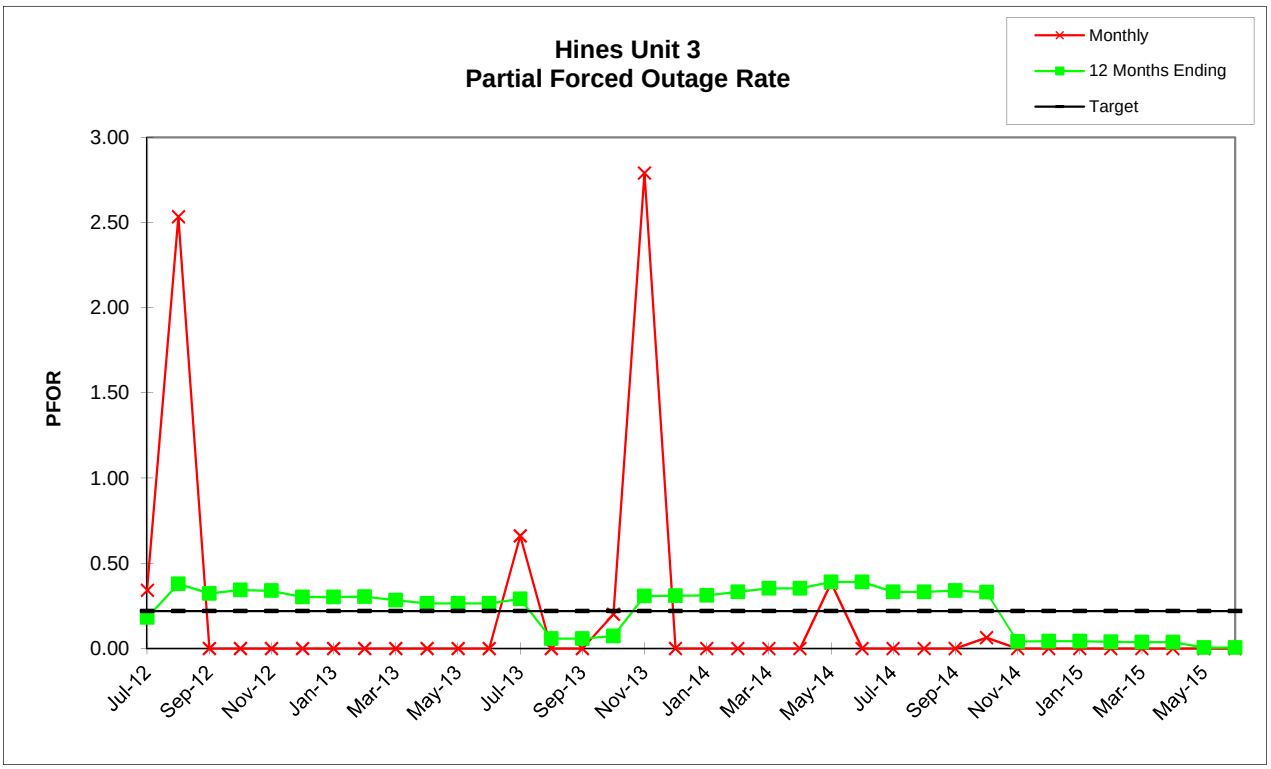
	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00
SER HOURS	704.47	154.38	119.97	715.08	648.03	720.00	598.19	744.00	560.45	626.35	721.00	545.48	686.93	672.00	743.00	429.71	506.44	720.00
RSH	36.19	409.67	52.74	4.92	3.94	0.00	2.01	0.00	0.00	4.27	0.00	198.52	40.80	0.00	0.00	0.00	0.00	0.00
UH	3.34	107.95	570.29	0.00	92.03	0.00	143.80	0.00	159.54	113.37	0.00	0.00	16.27	0.00	0.00	290.29	237.56	0.00
POH	0.00	0.00	515.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	290.29	207.67	0.00
FOH	3.34	1.29	0.00	0.00	92.03	0.00	0.00	0.00	0.00	10.80	0.00	0.00	16.27	0.00	0.00	0.00	29.89	0.00
MOH	0.00	106.65	55.00	0.00	0.00	0.00	143.80	0.00	159.54	102.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PFOH	0.00	0.00	0.00	0.00	13.80	0.00	0.00	0.00	0.00	2.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LRPF	0.00	0.00	0.00	0.00	88.00	0.00	0.00	0.00	0.00	88.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EFOH	0.00	0.00	0.00	0.00	2.49	0.00	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PMOH	0.00	0.00	0.00	0.00	6.50	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
LRPM	0.00	0.00	0.00	0.00	45.32	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
EMOH	0.00	0.00	0.00	0.00	0.60	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
NPC	488.00	488.00	488.00	488.00	488.00	488.00	488.00	488.00	488.00	488.00	488.00	488.00	564.00	564.00	564.00	488.00	488.00	488.00

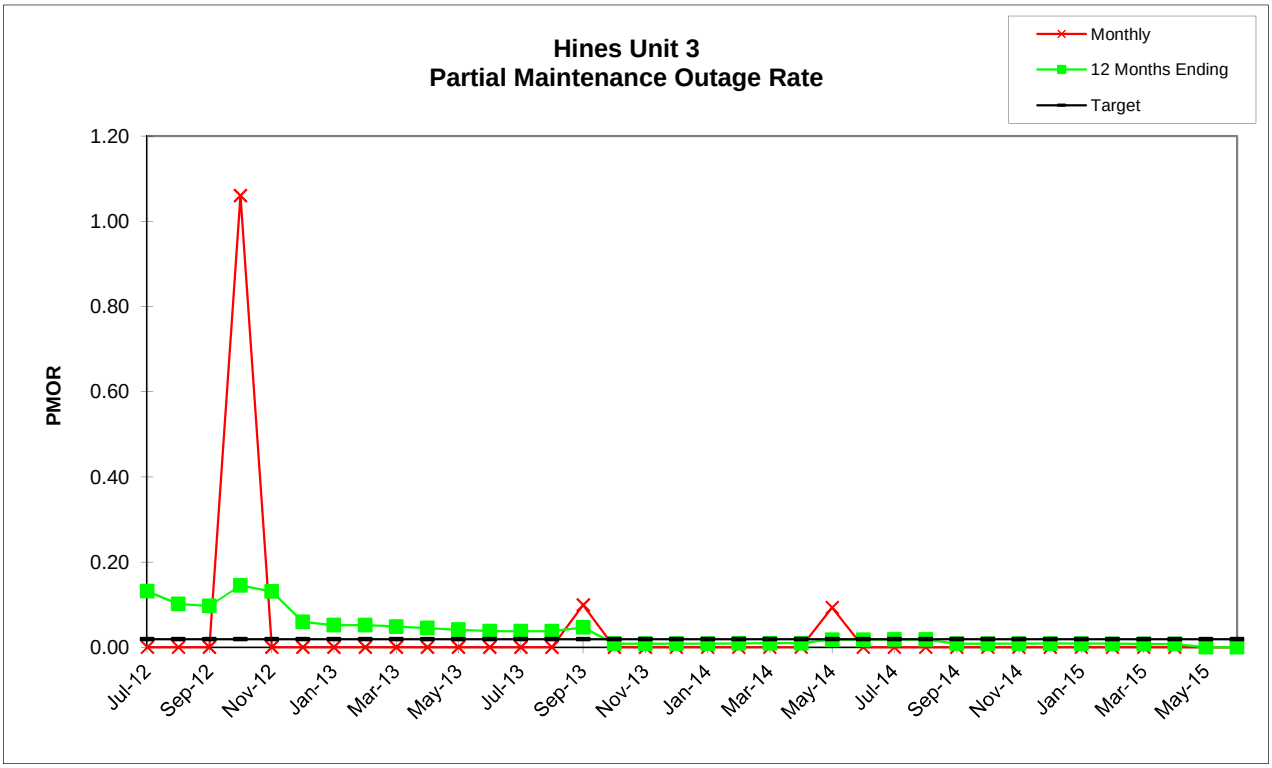
MONTHLY	**Jan-14**	**Feb-14**	**Mar-14**	**Apr-14**	**May-14**	**Jun-14**	**Jul-14**	**Aug-14**	**Sep-14**	**Oct-14**	**Nov-14**	**Dec-14**	**Jan-15**	**Feb-15**	**Mar-15**	**Apr-15**	**May-15**	**Jun-15**
FOR	0.47	0.83	0.00	0.00	12.44	0.00	0.00	0.00	0.00	1.70	0.00	0.00	2.31	0.00	0.00	0.00	5.57	0.00
MOR	0.00	40.86	31.43	0.00	0.00	0.00	19.38	0.00	22.16	14.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PFOR	0.00	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PMOR	0.00	0.00	0.00	0.00	0.09	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
EUOR	0.47	41.15	31.43	0.00	12.85	0.00	19.38	0.00	22.16	15.38	0.00	0.00	2.31	0.00	0.00	0.00	5.57	0.00
EUOF	0.45	16.06	7.40	0.00	12.79	0.00	19.33	0.00	22.16	15.29	0.00	0.00	2.19	0.00	0.00	0.00	4.02	0.00
POF	0.00	0.00	69.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.32	27.91	0.00
EAF	99.55	83.94	23.24	100.00	87.21	100.00	80.67	100.00	77.84	84.71	100.00	100.00	97.81	100.00	100.00	59.68	68.07	100.00

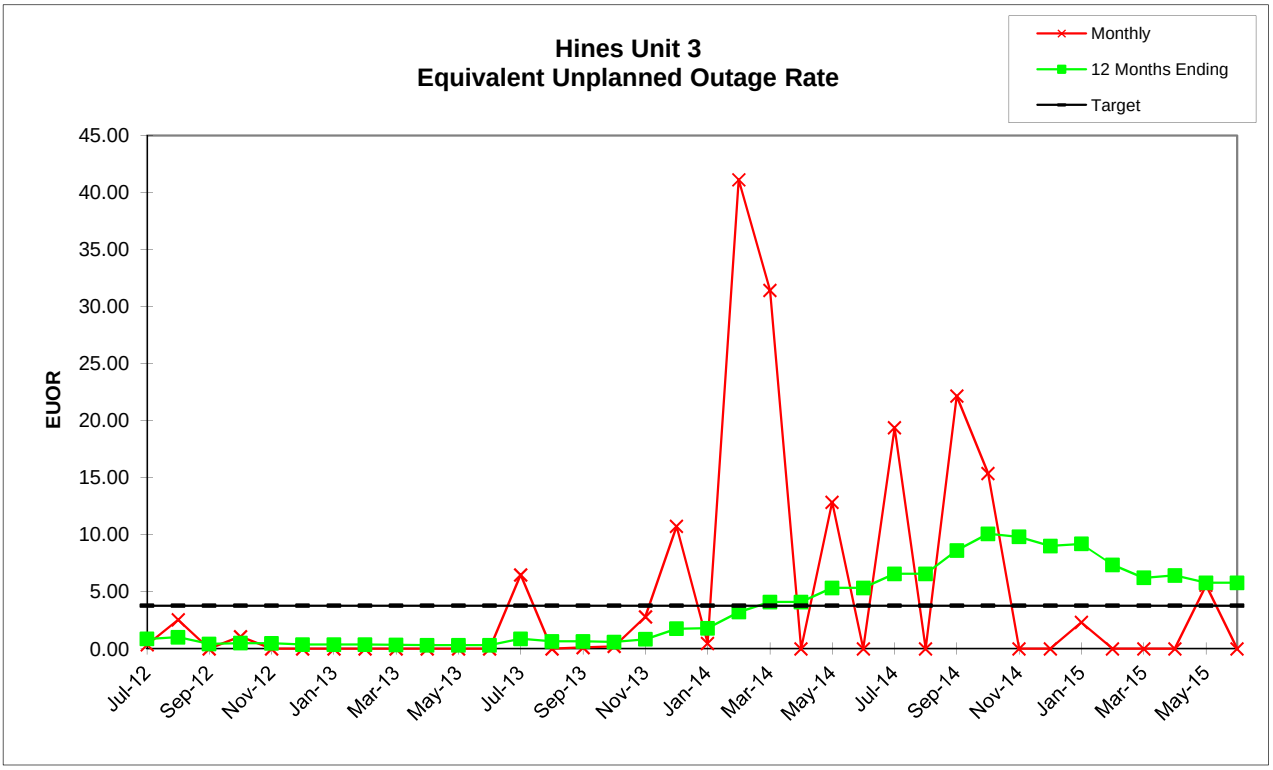
12 MONTHS	**Jan-14**	**Feb-14**	**Mar-14**	**Apr-14**	**May-14**	**Jun-14**	**Jul-14**	**Aug-14**	**Sep-14**	**Oct-14**	**Nov-14**	**Dec-14**	**Jan-15**	**Feb-15**	**Mar-15**	**Apr-15**	**May-15**	**Jun-15**
FOR	1.48	1.59	1.69	1.69	2.91	2.91	2.38	2.38	2.43	2.61	2.61	1.54	1.73	1.59	1.47	1.52	0.75	0.75
MOR	0.00	1.33	2.12	2.12	2.15	2.15	4.04	4.04	6.15	7.52	7.52	7.64	7.66	5.90	4.84	5.01	5.10	5.10
PFOR	0.31	0.33	0.35	0.35	0.39	0.39	0.33	0.33	0.34	0.33	0.04	0.04	0.04	0.04	0.04	0.04	0.01	0.01
PMOR	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
EUOR	1.80	3.21	4.09	4.09	5.32	5.32	6.56	6.56	8.61	10.07	9.81	9.01	9.19	7.35	6.21	6.43	5.78	5.78
EUOF	1.75	2.99	3.61	3.61	4.70	4.70	5.79	5.79	7.61	8.89	8.66	7.75	7.89	6.66	6.03	6.03	5.29	5.29
POF	1.96	1.96	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	0.00	3.31	5.68	5.68
EAF	96.29	95.05	90.50	90.50	89.42	89.42	88.33	88.33	86.51	85.23	85.46	86.37	86.22	87.46	93.97	90.65	89.03	89.03

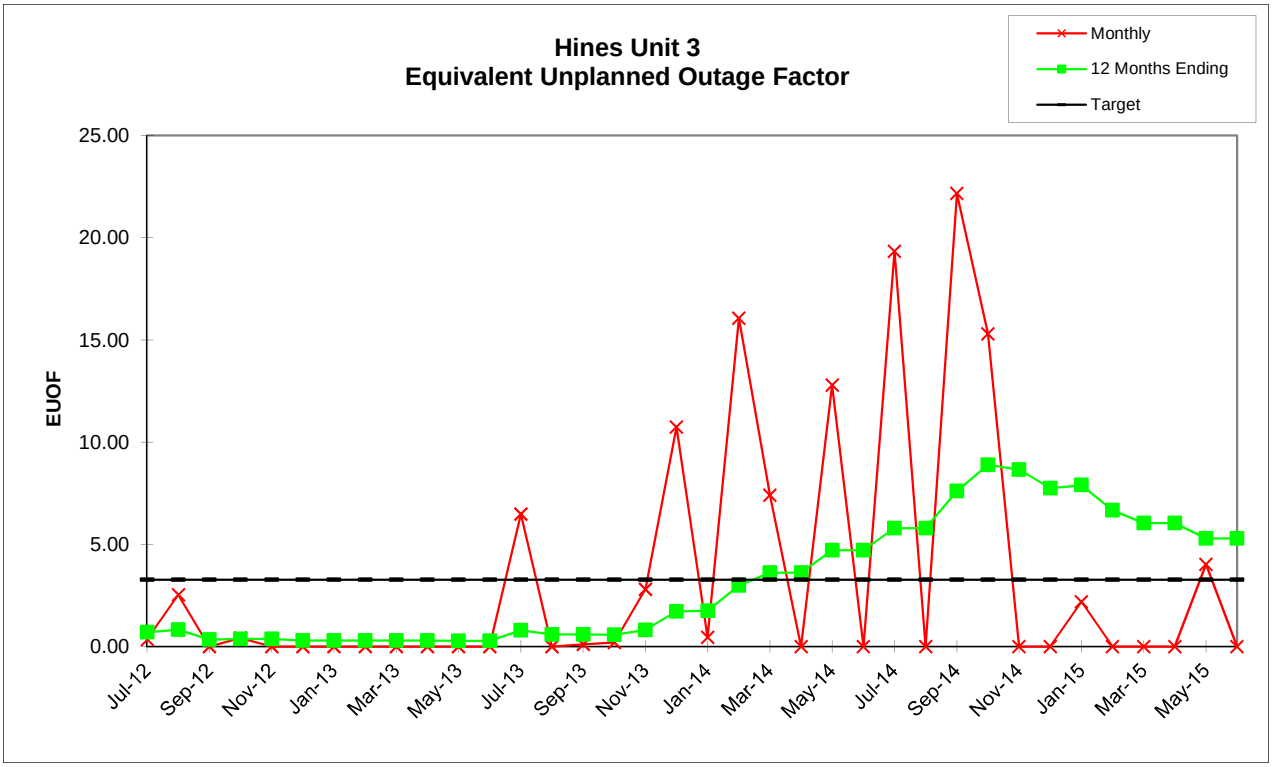

Hines Unit 3
Forced Outage Rate
Monthly
12 Months Ending
Target
FOR
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Hines Unit 3
Maintenance Outage Rate
Monthly
12 Months Ending
Target
MOR
45.00
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Hines Unit 3
Partial Forced Outage Rate
Monthly
12 Months Ending
Target
PFOR
3.00
2.50
2.00
1.50
1.00
0.50
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Hines Unit 3
Partial Maintenance Outage Rate
Monthly
12 Months Ending
Target
PMOR
1.20
1.00
0.80
0.60
0.40
0.20
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Hines Unit 3
Equivalent Unplanned Outage Rate
Monthly
12 Months Ending
Target
EUOR
45.00
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Hines Unit 3
Equivalent Unplanned Outage Factor
Monthly
12 Months Ending
Target
EUOF
25.00
20.00
15.00
10.00
5.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15

Hines
Unit 4

	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00
SER HOURS	744.00	744.00	720.00	744.00	261.93	742.47	744.00	672.00	733.90	720.00	730.98	720.00	744.00	744.00	716.85	216.02	534.02	744.00
RSH	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	0.00	0.00	0.00	0.00	0.00
UH	0.00	0.00	0.00	0.00	459.07	1.53	0.00	0.00	9.10	0.00	13.02	0.00	0.00	0.00	3.15	527.98	186.99	0.00
POH	0.00	0.00	0.00	0.00	459.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	527.98	182.32	0.00
FOH	0.00	0.00	0.00	0.00	0.00	1.53	0.00	0.00	0.00	0.00	13.02	0.00	0.00	0.00	3.15	0.00	4.67	0.00
MOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PFOH	2.65	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	0.00	0.00	0.00	0.00
LRPF	362.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EFOH	2.03	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	0.00	0.00	0.00	0.00
PMOH	2.21	0.00	1.27	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.22	0.00	2.38	1.77	0.00	0.00	0.00
LRPM	140.42	0.00	139.63	140.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	139.79	0.00	100.14	119.77	0.00	0.00	0.00
EMOH	0.66	0.00	0.38	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.50	0.45	0.00	0.00	0.00
NPC	472.00	472.00	472.00	472.00	472.00	472.00	472.00	472.00	472.00	472.00	472.00	472.00	472.00	472.00	472.00	472.00	472.00	472.00

MONTHLY	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
FOR	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	1.75	0.00	0.00	0.00	0.44	0.00	0.87	0.00
MOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PFOR	0.27	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	0.00	0.00	0.00	0.00
PMOR	0.09	0.00	0.05	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.07	0.06	0.00	0.00	0.00
EUOR	0.36	0.00	0.05	0.15	0.00	0.21	0.00	0.00	1.22	0.00	1.75	0.09	0.00	0.07	0.50	0.00	0.87	0.00
EUOF	0.36	0.00	0.05	0.15	0.00	0.21	0.00	0.00	1.22	0.00	1.75	0.09	0.00	0.07	0.50	0.00	0.65	0.00
POF	0.00	0.00	0.00	0.00	63.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.97	25.29	0.00
EAF	99.64	100.00	99.95	99.85	36.33	99.79	100.00	100.00	98.78	100.00	98.25	99.91	100.00	99.93	99.50	29.03	74.07	100.00

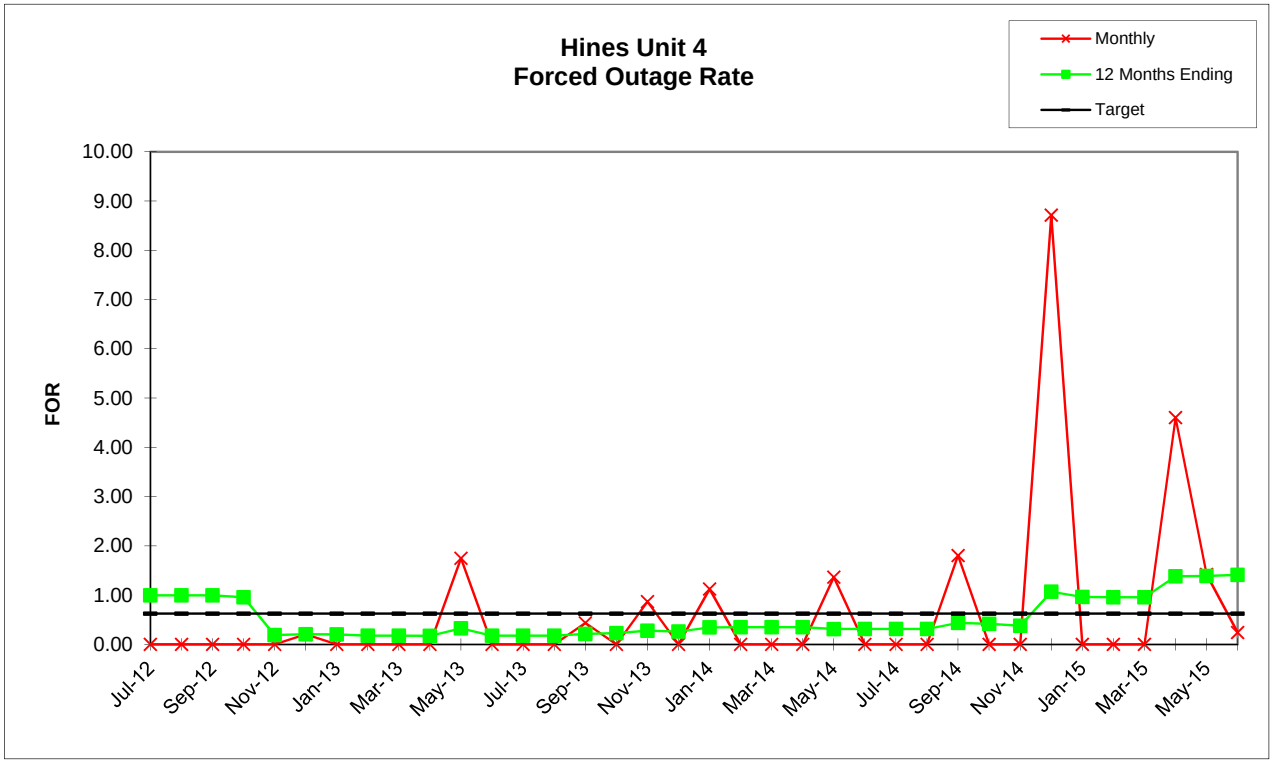
12 MONTHS	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13
FOR	0.99	0.99	0.99	0.96	0.19	0.20	0.20	0.18	0.18	0.17	0.32	0.18	0.18	0.18	0.21	0.23	0.28	0.26
MOR	0.13	0.13	0.13	0.13	0.13	0.00	0.00	0.00	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.11	0.11
PFOR	0.58	0.56	0.56	0.54	0.53	0.51	0.51	0.51	0.51	0.08	0.07	0.02	0.00	0.00	0.00	0.00	0.00	0.00
PMOR	0.20	0.17	0.17	0.18	0.18	0.17	0.16	0.16	0.10	0.06	0.06	0.03	0.03	0.03	0.03	0.02	0.02	0.02
EUOR	1.90	1.85	1.85	1.79	1.02	0.89	0.88	0.85	0.90	0.43	0.57	0.34	0.31	0.32	0.36	0.37	0.41	0.39
EUOF	1.59	1.56	1.55	1.57	0.89	0.80	0.79	0.76	0.81	0.39	0.54	0.33	0.29	0.30	0.34	0.32	0.38	0.36
POF	13.23	13.23	13.23	9.93	9.88	9.88	9.88	9.91	9.91	8.83	5.24	5.24	5.24	5.24	5.24	11.27	8.11	8.11
EAF	85.18	85.21	85.22	88.50	89.23	89.32	89.33	89.32	89.28	90.78	94.22	94.43	94.46	94.46	94.42	88.41	91.51	91.53

Hines
Unit 4

	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00
SER HOURS	557.95	584.94	743.00	720.00	723.95	715.79	737.02	744.00	694.09	596.00	137.46	543.72	732.40	639.19	743.00	686.86	733.43	698.02
RSH	168.51	87.06	0.00	0.00	0.00	4.21	6.98	0.00	0.38	148.00	230.66	96.50	11.60	32.81	0.00	0.00	0.00	20.30
UH	17.54	0.00	0.00	0.00	20.05	0.00	0.00	0.00	25.53	0.00	352.88	103.78	0.00	0.00	0.00	33.14	10.56	1.68
POH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	352.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FOH	6.34	0.00	0.00	0.00	10.02	0.00	0.00	0.00	12.76	0.00	0.00	51.89	0.00	0.00	0.00	33.14	10.56	1.68
MOH	11.20	0.00	0.00	0.00	10.02	0.00	0.00	0.00	12.76	0.00	0.00	51.89	0.00	0.00	0.00	0.00	0.00	0.00
PFOH	15.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.80	147.88	70.77	59.41	0.00	0.00	0.00	0.00	0.00	9.94
LRPF	79.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	86.98	84.95	84.74	84.00	0.00	0.00	0.00	0.00	0.00	43.96
EFOH	2.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.73	26.61	12.71	10.57	0.00	0.00	0.00	0.00	0.00	0.93
PMOH	3.96	0.00	0.00	1.17	8.71	0.00	0.00	0.00	14.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LRPM	80.04	0.00	0.00	37.85	45.01	0.00	0.00	0.00	87.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMOH	0.67	0.00	0.00	0.09	0.83	0.00	0.00	0.00	2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPC	472.00	472.00	472.00	472.00	472.00	472.00	472.00	472.00	472.00	472.00	472.00	472.00	544.00	544.00	544.00	472.00	472.00	472.00

MONTHLY	**Jan-14**	**Feb-14**	**Mar-14**	**Apr-14**	**May-14**	**Jun-14**	**Jul-14**	**Aug-14**	**Sep-14**	**Oct-14**	**Nov-14**	**Dec-14**	**Jan-15**	**Feb-15**	**Mar-15**	**Apr-15**	**May-15**	**Jun-15**
FOR	1.12	0.00	0.00	0.00	1.37	0.00	0.00	0.00	1.81	0.00	0.00	8.71	0.00	0.00	0.00	4.60	1.42	0.24
MOR	1.97	0.00	0.00	0.00	1.37	0.00	0.00	0.00	1.81	0.00	0.00	8.71	0.00	0.00	0.00	0.00	0.00	0.00
PFOR	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	4.47	9.24	1.94	0.00	0.00	0.00	0.00	0.00	0.13
PMOR	0.12	0.00	0.00	0.01	0.11	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EUOR	3.62	0.00	0.00	0.01	2.81	0.00	0.00	0.00	4.29	4.47	9.24	17.66	0.00	0.00	0.00	4.60	1.42	0.37
EUOF	2.80	0.00	0.00	0.01	2.81	0.00	0.00	0.00	4.29	3.58	1.76	15.37	0.00	0.00	0.00	4.60	1.42	0.36
POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EAF	97.20	100.00	100.00	99.99	97.19	100.00	100.00	100.00	95.71	96.42	49.29	84.63	100.00	100.00	100.00	95.40	98.58	99.64

12 MONTHS	**Jan-14**	**Feb-14**	**Mar-14**	**Apr-14**	**May-14**	**Jun-14**	**Jul-14**	**Aug-14**	**Sep-14**	**Oct-14**	**Nov-14**	**Dec-14**	**Jan-15**	**Feb-15**	**Mar-15**	**Apr-15**	**May-15**	**Jun-15**
FOR	0.35	0.35	0.35	0.35	0.31	0.31	0.31	0.31	0.44	0.42	0.38	1.07	0.96	0.96	0.96	1.38	1.39	1.41
MOR	0.26	0.26	0.14	0.14	0.27	0.27	0.27	0.27	0.44	0.42	0.44	1.13	0.96	0.96	0.96	0.96	0.83	0.83
PFOR	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.07	0.39	0.58	0.74	0.69	0.68	0.68	0.68	0.68	0.70
PMOR	0.03	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.06	0.05	0.06	0.06	0.05	0.05	0.05	0.05	0.03	0.03
EUOR	0.66	0.67	0.56	0.56	0.66	0.65	0.65	0.64	0.99	1.27	1.44	2.95	2.63	2.61	2.61	3.03	2.90	2.94
EUOF	0.60	0.60	0.49	0.50	0.58	0.58	0.58	0.57	0.88	1.19	1.28	2.58	2.35	2.35	2.35	2.72	2.61	2.64
POF	8.11	8.11	8.11	8.11	8.11	8.11	8.11	8.11	8.11	2.08	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03
EAF	91.29	91.29	91.40	91.40	91.31	91.31	91.31	91.32	91.01	96.73	94.69	93.39	93.63	93.63	93.63	93.25	93.37	93.34


Hines Unit 4
Forced Outage Rate
Monthly
12 Months Ending
Target
FOR
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
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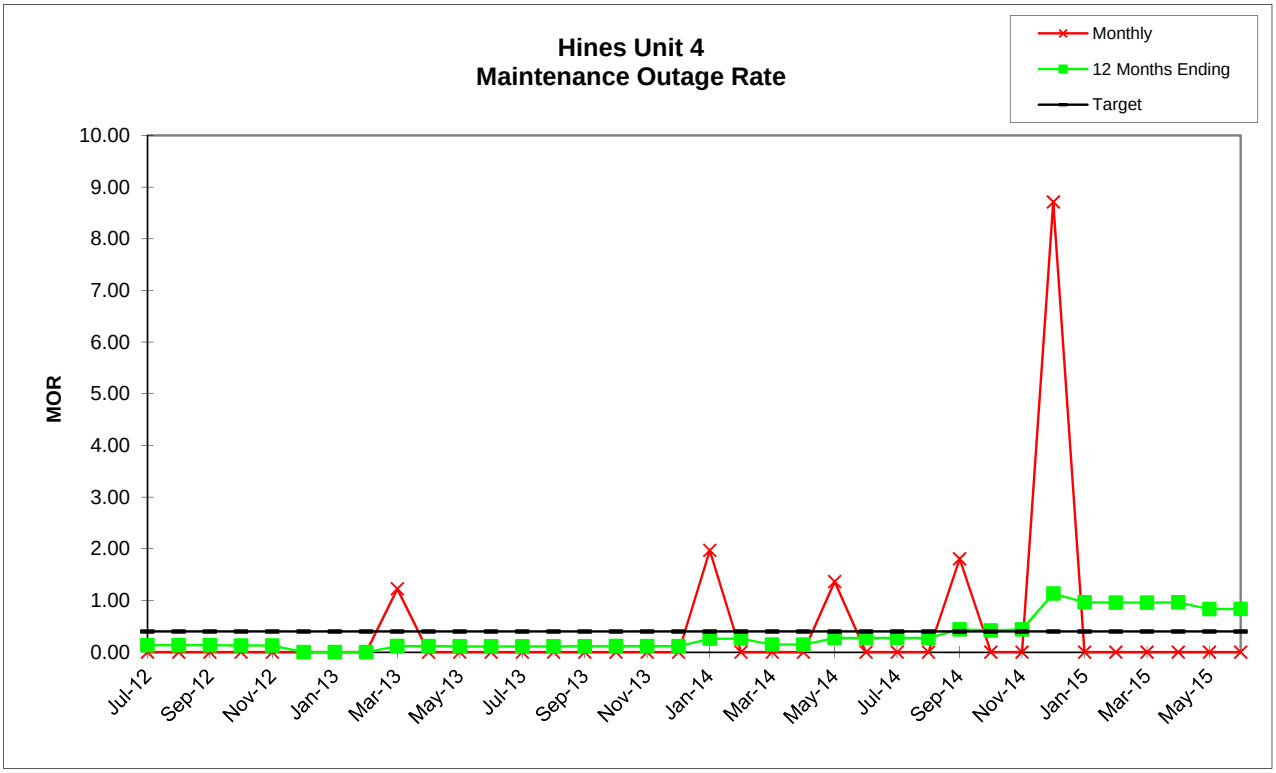
Mar-15
May-15


Hines Unit 4
Maintenance Outage Rate
Monthly
12 Months Ending
Target
MOR
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
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May-14
Jul-14
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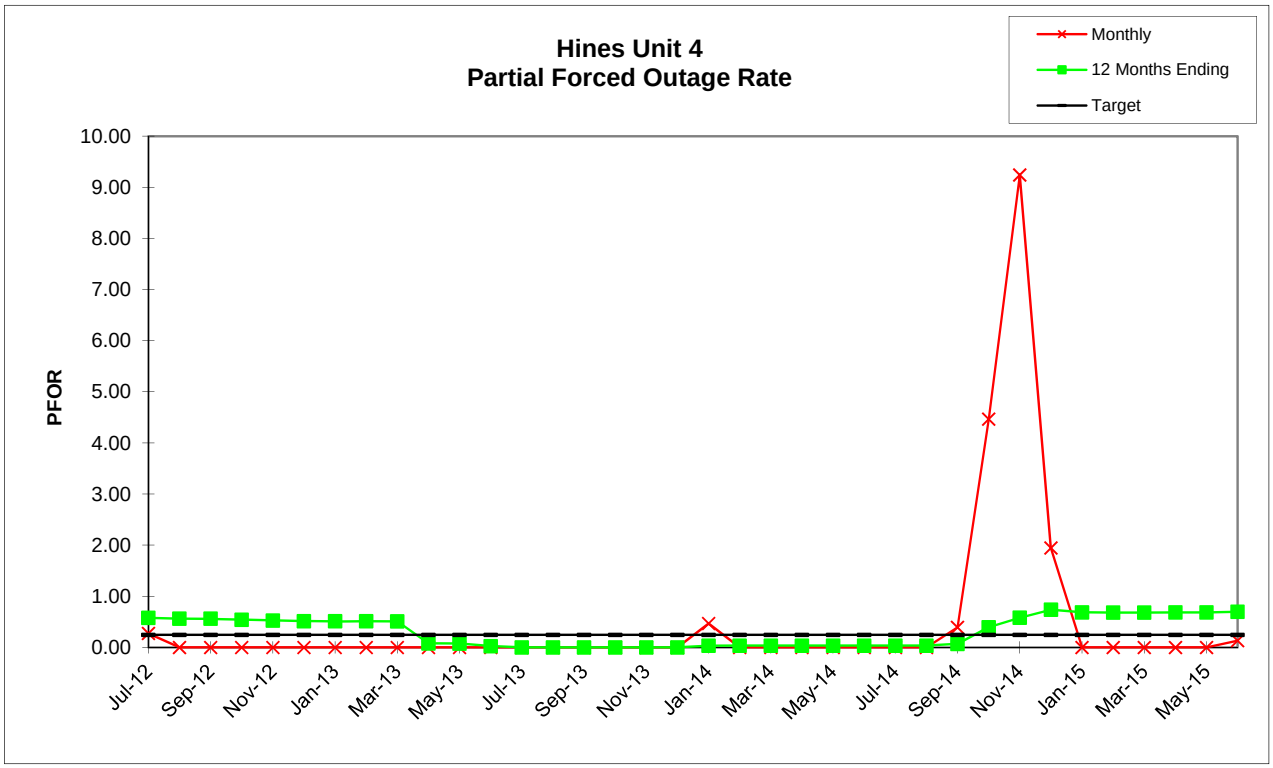
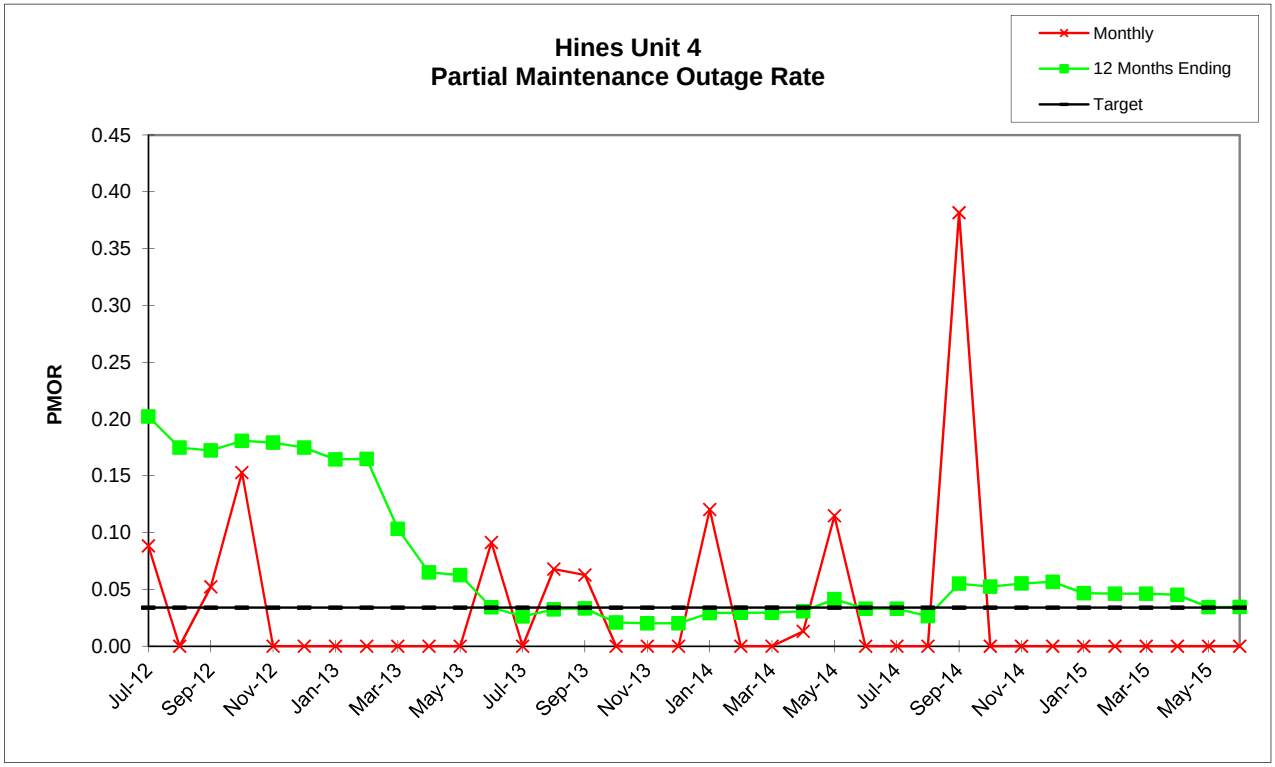
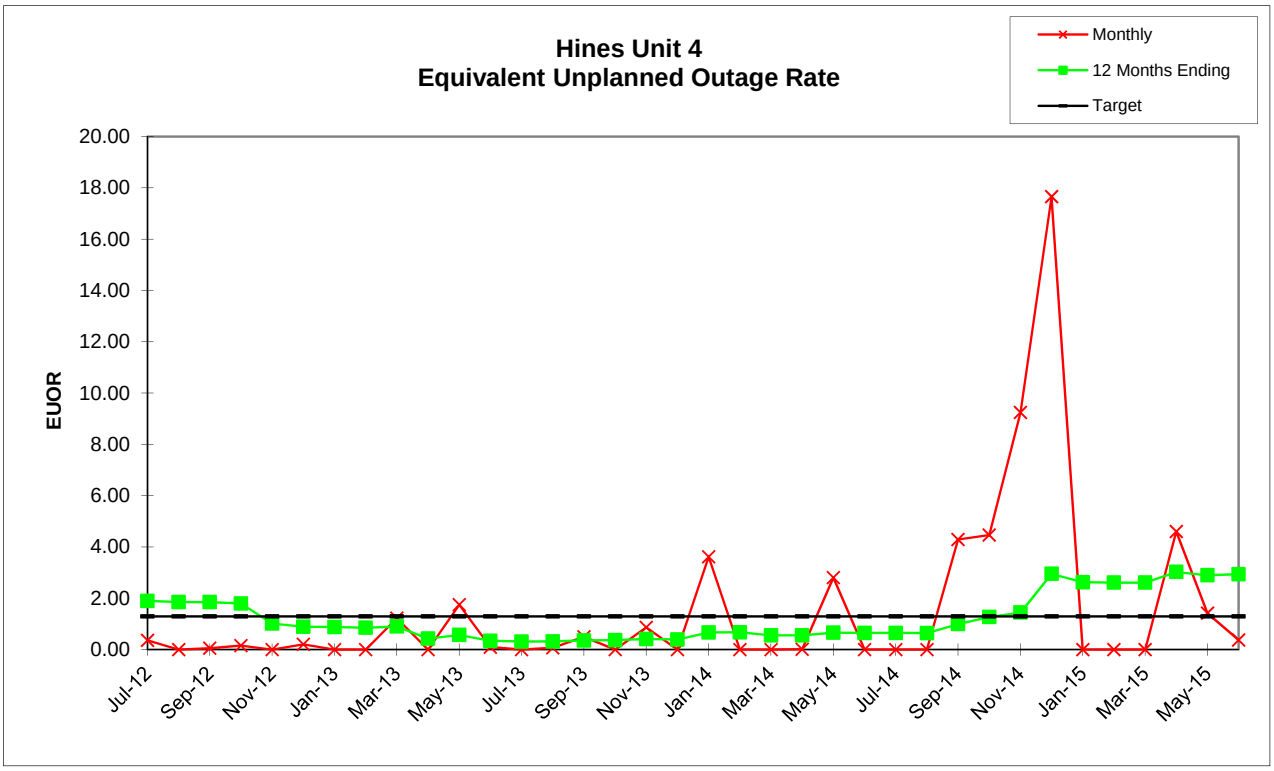
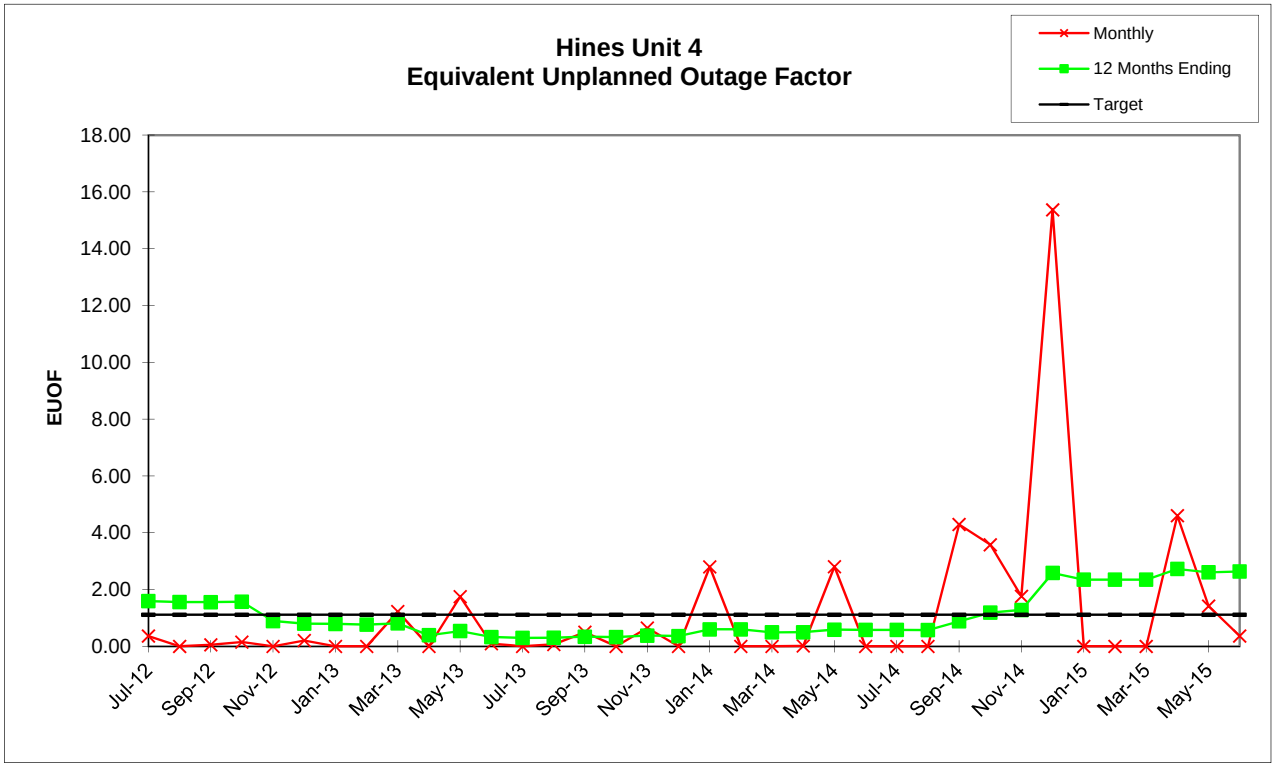
Nov-14
Jan-15
Mar-15
May-15


Hines Unit 4
Partial Forced Outage Rate
Monthly
12 Months Ending
Target
PFOR
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Hines Unit 4
Partial Maintenance Outage Rate
Monthly
12 Months Ending
Target
PMOR
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Hines Unit 4
Equivalent Unplanned Outage Rate
Monthly
12 Months Ending
Target
EUOR
20.00
18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15


Hines Unit 4
Equivalent Unplanned Outage Factor
Monthly
12 Months Ending
Target
EUOF
18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Jul-12
Sep-12
Nov-12
Jan-13
Mar-13
May-13
Jul-13
Sep-13
Nov-13
Jan-14
Mar-14
May-14
Jul-14
Sep-14
Nov-14
Jan-15
Mar-15
May-15

IN RE: PETITION ON BEHALF OF DUKE ENERGY FLORIDA, LLC.
FOR

FUEL AND CAPACITY COST RECOVERY
FINAL TRUE-UP FOR THE PERIOD
JANUARY THROUGH JULY 2015

FPSC DOCKET NO. 150001-EI

DIRECT TESTIMONY OF
Joseph McCallister

August 31, 2015

I. INTRODUCTION AND QUALIFICATIONS

Q. Please state your name and business address.

A. My name is Joseph McCallister. My business address is 526 South Church Street, Charlotte, North Carolina 28202.

Q. By whom are you employed and in what capacity?

A. I work for Duke Energy Progress, LLC, an affiliate company of Duke Energy Florida, LLC ("DEF", "Petitioner" or "Company"), as the Director, Natural Gas Oil and Emissions. I am responsible for the natural gas, fuel oil and emission group activities in the Fuel Procurement Section of the Systems Optimization Department for the Duke Energy regulated generation fleet. This group is responsible for the natural gas and fuel oil acquisition and transportation needed to support the generation needs for Duke Energy Indiana, Duke Energy Kentucky, Duke Energy Carolinas, Duke Energy Progress and Duke Energy Florida. In addition, this group is responsible for the emission allowance ("EA") position management for Duke

Energy Indiana, Duke Energy Kentucky, Duke Energy Carolinas, Duke Energy Progress and Duke Energy Florida.

Q. Please describe your education background and professional experience.

A. I received a Bachelor Degree in Business Administration majoring in Accounting from The Ohio State University. While at Duke Energy, from 2003 until mid-2006, I served as the Director of Portfolio and Market Risk Assessment through mid-2006, the Director of Gas and Oil Trading from mid-2006 through early 2009, the Director of Gas, Oil and Power from early 2009 to June 2012, and Director of Gas, Oil and Emissions from July 2012 to the present. Prior to my tenure with Duke Energy, I spent approximately 10 years in management positions at energy trading and asset generation based companies. Summary experiences over this time period include gas and power scheduling, real time power trading and scheduling management, commercial management of gas storage and transportation agreements, commercial management of fuel and power optimization activities for unregulated generation assets and wholesale contract agreements, and corporate planning.

Q. Have your duties and responsibilities remained the same since you last testified in this proceeding?

A. Yes.

Q. What is the purpose of your testimony?

A. The purpose of this testimony is to outline DEF's hedging objectives and activities for 2016, and outline DEF's hedging results for January 2015 through July 2015.

Q. Are you sponsoring any exhibits to your testimony?

A. Yes, I am sponsoring the follow exhibits:

- Exhibit No. ___ (JM-1P) – 2016 Risk Management Plan (*filed August 4, 2015*); and
- Exhibit No. ___ (JM-2P) – Hedging Results for January 2015 through July 2015 (*filed August 14, 2015*).

Q. What are the objectives of DEF's hedging activities?

A. The objectives of DEF's hedging strategy are to reduce the impacts of fuel price risk and volatility over time, and provide a greater degree of fuel price certainty to DEF's customers.

REDACTED

Q. Describe DEF's hedging activities that the Company will execute for 2016.

A. DEF will hedge a percentage of its projected natural gas burns and a portion of the estimated fuel surcharge exposure embedded in DEF's coal river barge transportation agreements. DEF will utilize approved physical and financial agreements. With respect to hedging activity, natural gas represents the largest component of DEF's overall hedging activity given it is the largest fuel cost component. DEF's target hedging percentage ranges are between [redacted] to [redacted] percent

of its current 2016 forecasted calendar annual burns. DEF anticipates to target to hedge a minimum of [redacted] percent of its forecasted natural gas burn projections for 2016 as outlined in the Risk Management Plan. With respect to coal river barge transportation estimated fuel surcharges, during the balance of 2015 and for calendar year 2016, DEF will target to hedge between [redacted] and [redacted] percent of any estimated fuel surcharge exposure in the coal river barge transportation agreements. Hedging in the ranges and targets provided allows DEF to monitor actual fuel burns, updated fuel forecasts, and make any adjustments as needed throughout the year.

DEF's hedging activities do not involve price speculation or trying to "out-guess" the market. All hedging transactions are executed at the prevailing market price that exists at the time the hedging transactions are executed. The results of hedging activities may or may not result in net fuel cost savings due to differences between the monthly settlement prices and the actual hedge price of the transactions that were executed over time. The volumes hedged over time are based on periodic updated fuel forecasts and the actual hedge percentages for any month, rolling period, or calendar annual period may come in higher or lower than the target minimum hedge percentages and hedging ranges because of actual fuel burns versus forecasted fuel burns. DEF's approach to executing fixed price transactions over time is a reasonable and prudent approach to reduce price risk and provide greater cost certainty for DEF's customers.

As of August 11, 2015, DEF has hedged approximately [redacted] percent of its forecasted natural gas burns for 2016. DEF will continue to execute additional hedges for 2016 throughout the remainder of 2015 and during 2016 consistent with its on-going strategy.

Q. What were the results of DEF's hedging activities for January through July 2015?

A. The Company's natural gas hedging activities for the period of January 2015 through July 2015 have resulted in hedges being above the closing natural gas settlement prices by approximately $122.5 million**.** The Company's overall fuel oil hedging activities have resulted in hedges being above the closing settlement prices for the period of January 2015 through July 2015 by approximately $0.3 million. These overall hedge results were driven primarily by a decrease in natural gas prices after the execution of DEF's 2015 hedging transactions. The hedging activities were executed consistent with DEF's Risk Management Plan. DEF's hedging activity did achieve the objective to reduce the impacts of fuel price risk and volatility, and providing greater fuel price certainty for DEF's customers.

Q. Does this conclude your testimony?

A. Yes.