



Matthew R. Bernier
Senior Counsel
Duke Energy Florida, LLC.

August 24, 2017

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. 20170001-EI*

Dear Ms. Stauffer:

On behalf of Duke Energy Florida, LLC ("DEF"), please find enclosed 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 2018 through December 2018;
- Direct Testimony of Christopher A. Menendez and redacted Exhibit No. ___ (CAM-3); and
- Direct Testimony of Matthew J. Jones and Exhibit No. ___(MJJ-1P) and Revised Exhibit No. ___(MJJ-1T)

A Request for Confidential Classification covering the confidential information contained in Exhibit No. ___(CAM-3) to the direct testimony of Christopher A. Menendez, along with the confidential information at issue is being filed under separate cover. 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

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and purchased power cost
recovery clause with generating performance
incentive factor.

Docket No. 20170001-EI

Filed: August 24, 2017

**PETITION FOR APPROVAL OF FUEL AND PURCHASE POWER COST RECOVERY
FACTORS FOR THE PERIOD JANUARY 2018 THROUGH DECEMBER 2018**

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 2018 through December 2018. 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 4.380 cents/kWh (before metering voltage adjustments). The basic factor consists of a fuel cost for the projection period of 3.8644 cents/kWh (adjusted for jurisdictional losses), a GPIF reward of 0.0072 cents/kWh, and an estimated prior period under-recovery true-up of 0.5049 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, including ISFSI and excluding nuclear costs is 1.084 cents/kWh.

Other Issues

3. DEF has calculated that it is subject to a GPIF reward of \$2,793,216 for the performance experienced during the period January 1, 2016 through December 31, 2016. The Company is also proposing GPIF targets and ranges for the period January 1, 2018 through December 31, 2018 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 2018 through December 2018 as set forth in the testimony and supporting exhibit of Christopher A. Menendez filed on August 24, 2017. DEF also requests the Commission approve the Company's GPIF targets and ranges for the period January 1, 2018 through December 31, 2018 as set forth in the testimony and exhibits of Matthew J. Jones filed on August 24, 2017.

Respectfully submitted this 24th day of August, 2017.

s/Matthew R. Bernier

DIANNE M. TRIPLETT

Associate General Counsel

Duke Energy Florida, LLC

299 First Avenue North

St. Petersburg, FL 33701

T: 727. 820.4692

F: 727.820.5041

E: Dianne.Triplett@Duke-Energy.com

MATTHEW R. BERNIER

Senior Counsel

Duke Energy Florida, LLC

106 E. College Avenue

Suite 800

Tallahassee, FL 32301

T: 850.521.1428

F: 727.820.5041

E: Matthew.Bernier@Duke-Energy.com

Duke Energy Florida, LLC
Docket No.: 20170001-EI
CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail this 24th day of August, 2017 to all parties of record as indicated below.

s/Matthew R. Bernier

Attorney

<p>Suzanne S. Brownless Danijela Janjic Office of General Counsel Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 sbrownle@psc.state.fl.us djanjic@psc.state.fl.us asoete@psc.state.fl.us</p> <p>James D. Beasley J. Jeffrey Wahlen Ausley McMullen P.O. Box 391 Tallahassee, FL 32302 jbeasley@ausley.com jwahlen@ausley.com</p> <p>Russell A. Badders Steven R. Griffin Beggs & Lane P.O. Box 12950 Pensacola, FL 32591 rab@beggslane.com srg@beggslane.com</p> <p>James W. Brew Laura A. Wynn Stone Matheis Xenopoulos & Brew 1025 Thomas Jefferson Street, NW 8th Floor, West Tower Washington, DC 20007 jbrew@smxblaw.com law@smxblaw.com</p>	<p>Mike Cassel, Director Regulatory Affairs Florida Public Utilities Company 1750 S 14th Street, Suite 200 Fernandina Beach, FL 32034 mcassel@fpuc.com</p> <p>Rhonda J. Alexander Regulatory and Pricing Manager Gulf Power Company One Energy Place Pensacola, FL 32520-0780 rjalexad@southernco.com</p> <p>Jeffrey A. Stone, General Counsel Gulf Power Company One Energy Place Pensacola, FL 32520-0780 jastone@southernco.com</p> <p>Beth Keating Gunster, Yoakley & Stewart, P.A. 215 South Monroe Street, Suite 601 Tallahassee, FL 32301 bkeating@gunster.com</p> <p>Charles J. Rehwinkel / Erik Sayler J.R. Kelly / Patty Christensen Office of Public Counsel c/o The Florida Legislature 111 W. Madison Street, Room 812 Tallahassee, FL 32399-1400 rehwinkel.charles@leg.state.fl.us sayler.erik@leg.state.fl.us kelly.jr@leg.state.fl.us christensen.patty@leg.state.fl.us</p>	<p>Ms. Paula K. Brown Manager, Regulatory Coordination Tampa Electric Company P.O. Box 111 Tampa, FL 33601 regdept@tecoenergy.com</p> <p>John T. Butler Maria Jose Moncada Florida Power & Light Company 700 Universe Boulevard (LAW/JB) Juno Beach, FL 33408-0420 john.butler@fpl.com maria.moncada@fpl.com</p> <p>Kenneth Hoffman, Vice President Regulatory Affairs Florida Power & Light Company 215 S. Monroe Street, Suite 810 Tallahassee, FL 32301-1858 ken.hoffman@fpl.com</p> <p>Jon C. Moyle, Jr. Moyle Law Firm, PA 118 North Gadsden Street Tallahassee, FL 32301 jmoyle@moylelaw.com</p> <p>Robert Scheffel Wright John T. LaVia, III c/o Gardner Law Firm 1300 Thomaswood Drive Tallahassee, FL 32308 schef@gbwlegal.com jlavia@gbwlegal.com</p>
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DUKE ENERGY FLORIDA, LLC

DOCKET No. 20170001-EI

**Fuel and Capacity Cost Recovery Factors
January through December 2018**

**DIRECT TESTIMONY OF
Christopher A. Menendez**

August 24, 2017

1 **Q. Please state your name and business address.**

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

4

5 **Q. Have you previously filed testimony before this Commission in Docket**
6 **No. 20170001-EI?**

7 A. Yes, I provided direct testimony on March 1, 2017 and July 27, 2017.

8

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

11 A. Yes.

12

13 **Q. What is the purpose of your testimony?**

14 A. The purpose of my testimony is to present for Commission approval the fuel
15 and capacity cost recovery factors of Duke Energy Florida, LLC (“DEF” or the
16 “Company”) for the period of January through December 2018.

1 **Q. Do you have an exhibit to your testimony?**

2 A. Yes. I have prepared Exhibit No.__(CAM-3), consisting of Parts 1, 2 and 3. Part
3 1 contains DEF's forecast assumptions on fuel costs. Part 2 contains fuel cost
4 recovery ("FCR") schedules E1 through E10, H1 and the calculation of the
5 inverted residential fuel rate. I have not included the schedule that supports the
6 rate of return applied to capital projects recovered through the fuel clause as
7 DEF is not requesting recovery for any capital projects in this docket. Part 3
8 contains capacity cost recovery ("CCR") schedules.

9

10

FUEL COST RECOVERY CLAUSE

11

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

12

13 A. Schedule E1 shows the calculation of the Company's jurisdictional fuel cost
14 factor of 4.380 ¢/kWh. This factor consists of a fuel cost for the projection
15 period of 3.8644 ¢/kWh (adjusted for jurisdictional losses), a GPIF reward of
16 0.0072 ¢/kWh, and an estimated prior period under-recovery true-up of 0.5049
17 ¢/kWh. Utilizing this factor, Schedule E1-D shows the calculation and
18 supporting data for the Company's levelized fuel cost factors for service taken
19 at secondary, primary, and transmission metering voltage levels. To perform
20 this calculation, effective jurisdictional sales at the secondary level are
21 calculated by applying 1% and 2% metering reduction factors to primary and
22 transmission sales, respectively (forecasted at meter level). This is consistent
23 with the methodology used in the development of the capacity cost recovery
24 factors.

1 Schedule E1-D, lines 11-12 show the Company's proposed tiered rates of
2 4.091 ¢/kWh for the first 1,000 kWh and 5.091 ¢/kWh above 1,000 kWh.
3 These rates are developed in the "Calculation of Inverted Residential Fuel
4 Rates" schedule in Part 2.

5
6 Schedule E1-E develops the Time of Use ("TOU") multipliers of 1.236 On-peak
7 and 0.890 Off-peak. The multipliers are then applied to the levelized fuel cost
8 factors for each metering voltage level which results in the final TOU fuel
9 factors to be applied to customer bills during the projection period.

10
11 **Q. What is the amount of the 2017 net true-up that DEF has included in the**
12 **fuel cost recovery factor for 2018?**

13 A. DEF has included a projected under-recovery of \$195,503,774. This amount
14 includes a projected actual/estimated under-recovery for 2017 of
15 \$136,610,259, and the final 2016 true-up net under-recovery of \$58,893,515 as
16 included in my Direct Testimony filed on March 1, 2017.

17
18 **Q. What is the change in the levelized residential fuel factor for the**
19 **projection period from the fuel factor currently in effect?**

20 A. The projected levelized residential fuel factor for 2018 of 4.385 ¢/kWh is an
21 increase of 0.718 ¢/kWh or 20% from the 2017 levelized residential fuel factor
22 of 3.667 ¢/kWh.

23
24

1 **Q. Please explain the increase in the 2018 fuel factor compared with the**
2 **2017 fuel factor.**

3 A. The primary drivers of the increase in the 2018 fuel factor are the increase in
4 prior period true-up amount and increase in projected natural gas costs. The
5 2017 fuel factor included a \$26 million under-recovery, whereas the 2018 fuel
6 factor includes a \$196 million under-recovery. This results in a net change of
7 approximately \$170 million or 0.438 ¢/kWh. Projected natural gas costs in
8 2018 are approximately \$102 million or 0.263 ¢/kWh higher than 2017.

9
10 **Q. Have you made any adjustments to your estimated fuel costs for the**
11 **period January through December 2018?**

12 A. No, DEF has made no adjustments for 2018.

13
14 **Q. Is DEF proposing to continue the tiered rate structure for residential**
15 **customers?**

16 A. Yes. DEF is proposing to continue use of the inverted rate design for
17 residential fuel factors to encourage energy efficiency and conservation.
18 Specifically, the Company proposes to continue a two-tiered fuel charge
19 whereby the charge for a customer's monthly usage in excess of 1,000 kWh
20 (second tier) is priced one cent per kWh higher than the charge for the
21 customer's usage up to 1,000 kWh (first tier). The 1,000 kWh price change
22 breakpoint is reasonable in that approximately 71% of all residential energy is
23 consumed in the first tier and 29% of all energy is consumed in the second tier.
24 The Company believes the one cent higher per unit price, targeted at the

1 second tier of the residential class' energy consumption, will promote energy
2 efficiency and conservation. This inverted rate design was incorporated in the
3 Company's base rates approved in Order No. PSC-2002-0655-AS-EI.
4

5 **Q. How was the inverted fuel rate calculated?**

6 A. I have included a page in Part 2 of my exhibit that shows the calculation of the
7 fuel cost factors for the two tiers of the residential rate. The two factors are
8 calculated on a revenue neutral basis so that the Company will recover the
9 same fuel costs as it would under the traditional levelized approach. The two-
10 tiered factors are determined by first calculating the amount of revenues that
11 would be generated by the overall levelized residential factor of 4.385 ¢/kWh
12 shown on Schedule E1-D. The two factors are then calculated by allocating
13 the total revenues to the two tiers for residential customers based on the total
14 annual energy usage for each tier.
15

16 **Q. How do DEF's projected gains on non-separated wholesale energy sales
17 for 2018 compare to the incentive benchmark?**

18 A. The total gain on non-separated sales for 2018 is estimated to be \$983,516
19 which is below the benchmark of \$1,771,110. 100% of gains below the
20 benchmark and 80% of gains above the benchmark will be distributed to
21 customers based on the sharing mechanism approved by the Commission in
22 Order No. PSC-2000-1744-PAA-EI. Therefore, since the total gain on non-
23 separated sales was below the benchmark, none of the gains will be retained
24 for shareholders. The benchmark was calculated based on the average of

1 actual gains for 2015 and 2016 of \$3,720,655 and \$843,842, respectively, and
2 estimated gains for 2017 of \$748,832 in accordance with Order No. PSC-2000-
3 1744-PAA-EI.

4
5 **Q. Please explain the entry on Schedule E1, line 12, "Fuel Cost of Stratified**
6 **Sales."**

7 A. DEF has several wholesale contracts with SECI. One contract provides for the
8 sale of supplemental energy to supply the portion of their load in excess of
9 SECI's own resources. The fuel costs charged to SECI for supplemental sales
10 are calculated on a "stratified" basis in a manner which recovers the higher
11 cost of intermediate/peaking generation used to provide the energy. There are
12 other contracts with SECI, Reedy Creek and the City of Homestead for fixed
13 amounts of base, intermediate, peaking and plant-specific capacity. DEF is
14 crediting average fuel cost of the appropriate strata in accordance with Order
15 No. PSC-1997-0262-FOF-EI. The fuel costs of wholesale sales are normally
16 included in the total cost of fuel and net power transactions used to calculate
17 the average system cost per kWh for fuel adjustment purposes. However,
18 since the fuel costs of the stratified and plant-specific sales are not recovered
19 on an average system cost basis, an adjustment has been made to remove
20 these costs and the related kWh sales from the fuel adjustment calculation in
21 the same manner that interchange sales are removed from the calculation.

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

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

11
12 **Q. What is the source of the system sales forecast?**

13 A. System sales are forecasted by the DEF Load and Fundamentals Forecasting
14 Department using a sales-weighted 30-year average of weather conditions at
15 the St. Petersburg, Orlando and Tallahassee weather stations, population
16 projections from the Bureau of Economic and Business Research at the
17 University of Florida, and economic assumptions from Moody's Analytics.

18
19 **Q. What is the source of the Company's fuel price forecast?**

20 A. The fuel price forecasts are based on a combination of third party forecasts as
21 well as hedges and/or forward contracts currently in place. Additional details
22 and forecast assumptions are provided in Part 1 of my exhibit.

23
24

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

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

7
8 **Q. Is the revised 2016 GPIF reward discussed in the August 24, 2017 direct**
9 **testimony of Matt J. Jones included in 2018 rates?**

10 A. Yes. The revised GPIF reward of \$2,793,216 is included on Schedule E1, Line
11 26 of Exhibit CAM-3, Part 2.

12

13 **CAPACITY COST RECOVERY CLAUSE**

14

15 **Q. Please explain the schedules that are included in Exhibit__(CAM-3) Part**
16 **3.**

17 A. The following schedules are included in my exhibit:

18 Schedule E12-A – Calculation of Projected Capacity Costs – Year 2018

19 Page 1 of Schedule E12-A includes estimated 2018 calendar year system
20 capacity payments to qualifying facilities (QF) and other power suppliers, as
21 well as recovery of nuclear costs pursuant to Rule 25-6.0423, F.A.C. The retail
22 portion of the capacity payments is calculated using separation factors
23 consistent with DEF's 2013 RRSSA approved in Order No. PSC-2013-0598-

1 FOF-EI.

2

3 The revenue requirements for the CR3 Uprate Project are as stipulated by DEF
4 and the intervener parties and approved by bench vote of the Commission on
5 August 15, 2017, in Docket 20170009-EI. The recovery of estimated Dry
6 Casket Storage costs, also referred to as Independent Spent Fuel Storage
7 Installation (“ISFSI”) costs, are included on line 37 of Schedule E12-A, page 1.
8 Schedule E12-A, page 2, provides dates and MWs associated with the QF and
9 purchase power contracts.

10

11 DEF has shown the 2018 Calculation of Projected Capacity Costs, which
12 includes Levy related costs, on Schedule E-12A, line 40.

13

14 Schedule E12-B – Calculation of Estimated/Actual True-Up - Year 2017

15 Schedule E12-B, which is also included in Exhibit ____(CAM-2) to my direct
16 testimony filed on July 27, 2017, as part of the 2017 actual/estimated true-up
17 filing, calculates the estimated true-up capacity under-recovered balance for
18 calendar year 2017 of \$5,121,339. This balance is carried forward to Schedule
19 E12-A, line 30 to be collected from customers from January through December
20 2018.

21

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

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

1 percentage calculation and allocation of the ISFSI revenue requirement to the
2 rate classes.

3
4 Schedule E12-E – Calculation of Capacity Cost Recovery Factors by Rate
5 Class

6 Schedule E12-E pages 1 calculates the CCR factors for capacity, CR3 Uprate
7 and Levy costs for each rate class based on the 12CP and 1/13 annual
8 average demand allocators from Schedule E12-D. The factors for capacity,
9 CR3 Uprate and Levy for the Residential, General Service Non-Demand,
10 General Service (GS-2), and Lighting secondary delivery rate class in cents per
11 kWh are calculated by multiplying total recoverable jurisdictional capacity
12 (including revenue taxes) from Schedule E12-A by the class demand allocation
13 factor, and then dividing by estimated effective sales at the secondary metering
14 level. The factor for ISFSI Dry Cask Storage in cents per kWh is calculated by
15 dividing recoverable costs allocated on Schedule E12-D by estimated effective
16 sales at the secondary metering level. The factors for primary and
17 transmission rate classes reflect the application of metering reduction factors of
18 1% and 2% from the secondary factor. The factors allocate capacity, CR3
19 Uprate and Levy costs to rate classes in the same manner in which they would
20 be allocated if they were recovered in base rates. ISFSI costs are allocated to
21 rate classes by applying a uniform percent increase as approved in Order No.
22 PSC-2016-0425-PAA-EI. Pursuant to the 2013 RRSSA, DEF has prepared the
23 billing rates for the demand (General Service Demand, Curtailable, and
24 Interruptible) rate classes to be on a kilo-watt (kW) rather than a kilo-watt-hour

1 (kWh) basis. These changes are reflected on Schedule E12-E page 2 in
2 columns 13 – 19.

3 Pursuant to the Motion approved the Commission in Order No. PSC-2017-
4 0260-PCO-EI, DEF has separately shown the 2018 calculation of Projected
5 Capacity Costs, excluding Levy related costs, on Schedule E12-E, pages 3 and
6 4.

7
8 **Q. Has DEF used the most recent load research information in the**
9 **development of its capacity cost allocation factors?**

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

14
15 **Q. What is the 2018 projected average retail CCR factor?**

16 A. The 2018 average retail CCR factor is 1.424 ¢/kWh, made up of capacity of
17 1.060 ¢/kWh, ISFSI costs of 0.024 ¢/kWh, CR3 Uprate costs of .0128 ¢/kWh,
18 and Levy costs of 0.212 ¢/kWh. The 2018 average retail CCR factor without
19 Levy is 1.212 ¢/kWh.

20
21 **Q. Please explain the change in the CCR factor for the projection period**
22 **compared to the CCR factor currently in effect.**

23 A. The total projected average retail CCR rate of 1.424 is 0.330 ¢/kWh, or 30%,
24 higher than the 2017 factor of 1.094 ¢/kWh. This increase is primarily due to

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the inclusion of Levy-related costs in the 2018 factor and the difference in the prior period true-up balance.

Q. Does this conclude your testimony?

A. Yes

DUKE ENERGY FLORIDA, LLC
Fuel and Capacity Cost Recovery Factor
January through December 2018

PART 1 – 2018 FUEL PRICE FORECAST ASSUMPTIONS

Projected Market Price by Fuel Type

PROJECTED MARKET PRICE BY FUEL TYPE

Month	Light Oil		Coal Crystal River 1 & 2		Coal Crystal River 4 & 5		Natural Gas
	\$/barrel	\$/mmbtu	\$/ton	\$/mmbtu	\$/ton	\$/mmbtu	\$/mmbtu
Jan 2018	60.15	10.38	92.61	4.08	65.80	2.83	3.34
Feb 2018	60.83	10.49	92.61	4.08	65.59	2.83	3.28
Mar 2018	60.84	10.50	92.63	4.08	65.62	2.83	2.88
Apr 2018	60.97	10.52	93.02	4.06	65.52	2.83	2.85
May 2018	61.13	10.55	93.31	4.05	65.35	2.82	2.88
Jun 2018	61.37	10.59	93.51	4.04	65.23	2.82	2.90
Jul 2018	61.73	10.65	93.78	4.04	65.17	2.82	2.91
Aug 2018	61.99	10.70	93.96	4.04	65.10	2.81	2.89
Sep 2018	62.29	10.75	93.96	4.04	65.11	2.81	2.90
Oct 2018	62.08	10.71	93.96	4.04	65.19	2.82	2.95
Nov 2018	61.82	10.67	93.96	4.04	65.28	2.82	3.08
Dec 2018	61.74	10.65	93.96	4.04	65.55	2.83	3.17
Average	61.41	10.60	93.44	4.05	65.38	2.82	3.00

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, Gulfstream and Sabal Trail pipelines 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, LLC
Fuel Cost Recovery
January through December 2018

PART 2 - 2018 FUEL COST RECOVERY SCHEDULES

- Schedule E1 – Fuel Cost Recovery Clause Calculation
 - Schedule E1-A – Calculation of Total True-up
 - Schedule E1-B – Calculation of Prior Year Estimated True-up
 - Schedule E1-C – Calculation of GPIF & True-up Factors
 - Schedule E1-D – Calculation of Levelized Fuel Adjustment Factors
 - Schedule E1-E – Calculation of Factors for Metering Voltage and Time of Use
 - Schedule E1-F – Calculation of Jurisdictional Delivery Loss Multipliers
 - Schedule E2 – Fuel Cost Recovery Clause Calculation by Month
 - Schedule E3 – Generating System Comparative Data
 - Schedule E4 – System Net Generation & Fuel Cost by Month
 - Schedule E5 – Inventory Analysis
 - Schedule E6 – Fuel Cost of Power Sold
 - Schedule E7 – Purchased Power
 - Schedule E8 – Energy Payments to Qualifying Facilities
 - Schedule E9 – Economy Energy Purchases
 - Schedule E10 – Residential Bill Comparison
 - Calculation of Inverted Residential Fuel Rate
 - Schedule H1 – Generating System Comparative Data
-

Duke Energy Florida, LLC
 Fuel and Purchased Power Cost Recovery Clause
 Estimated for the Period of : January through December 2018

	DOLLARS	mWh	CENTS/KWH
1. Fuel Cost of System Net Generation (E3)	1,306,363,114	37,753,407	3.4603
2. Coal Car Investment	0	0	0.0000
3. Adjustment to Fuel Cost	0	0	0.0000
4. TOTAL COST OF GENERATED POWER	1,306,363,114	37,753,407	3.4603
5. Energy Cost of Purchased Power (Excl. Econ & Cogens) (E7)	62,109,541	1,522,750	4.0788
6. Energy Cost of Economy Purchases (E9)	1,555,930	32,872	4.7333
7. Payments to Qualifying Facilities (E8)	159,724,948	3,645,241	4.3817
8. TOTAL COST OF PURCHASED POWER	223,390,419	5,200,863	4.2953
9. TOTAL AVAILABLE mWh		42,954,270	
10. Fuel Cost of Economy Sales (E6)	(4,084,821)	(108,878)	3.7517
10a. Gain on Economy Sales (E6)	(983,516)	(108,878) *	0.9033
11. Fuel Cost of Stratified Sales (E6)	(21,749,236)	(1,364,879)	1.5935
12. TOTAL FUEL COST AND GAINS ON POWER SALES	(26,817,573)	(1,473,757)	1.8197
13. Net Inadvertent Interchange			
14. TOTAL FUEL AND NET POWER TRANSACTIONS	1,502,935,960	41,480,513	3.6232
15. Net Unbilled	(1,088,210) *	30,034	(0.0028)
16. Company Use	6,004,930 *	(165,734)	0.0154
17. T & D Losses	87,323,447 *	(2,410,097)	0.2243
18. Adjusted System Sales	1,502,935,960	38,934,716	3.8601
19. Wholesale Sales (Excluding Supplemental Sales)	(8,182,514)	(211,532)	3.8682
20. Jurisdictional Sales	1,494,753,447	38,723,184	3.8601
21. Jurisdictional Sales Adjusted for Line Losses x 1.00112	1,496,427,570	38,723,184	3.8644
22. Prior Period True-Up (Sch E1-A)	195,503,774	38,723,184	0.5049
23. Total Jurisdictional Fuel Cost	1,691,931,344	38,723,184	4.3693
24. Revenue Tax Factor	1,218,191		1.0007
25. Fuel Cost Adjusted for Taxes	1,693,149,535	38,723,184	4.3724
26. GPIF **	2,793,216	38,723,184	0.0072
27. Fuel Factor Adjusted for taxes including GPIF	1,695,942,751	38,723,184	4.3797
28. Total Fuel Cost Factor (rounded to the nearest .001 cents/ KWH)			4.380

* For Informational Purposes Only

** Based on Jurisdictional Sales

Duke Energy Florida, LLC
 Calculation of Total True-Up
 (Projected Period)
 Estimated for the Period of : January through December 2018

1. Actual Over/(Under) Recovery January - December 2016 (Schedule E1-B, Page 2 of 2, Section C, Line 9 - Dec '16)	\$	(85,111,174)
2. Projected (Over)/Under Recovery January - December 2016 (Refunded)/Collected January - December 2016 (Schedule E1-B, Page 2 of 2, Section C, Line 10 - Dec '16)	\$	26,217,660
3. Estimated Over/(Under) Recovery January - December 2017 (Schedule E1-B, Page 2 of 2, Section C, Lines 8 and 12 - Dec '17)	\$	<u>(136,610,259)</u>
4. Total Over/(Under) Recovery to be Included in the January - December 2018 Projected Period (Lines 1 through 3)	\$	(195,503,774)
5. Jurisdictional mWh Sales (Projected Period)	mWh	38,723,184
6. True-Up Factor (Line 4 / Line 5)	Cents/kWh	0.505

Duke Energy Florida, LLC
Calculation of Estimated True-Up
(6 Months Actual, 6 Months Estimated)
Estimated for the Period of : January through December 2017

	Jan Actual	Feb Actual	Mar Actual	Apr Actual	May Actual	Jun Actual	6 Month Sub-Total
A 1 Fuel Cost of System Generation	\$ 98,838,811	\$ 84,184,731	\$ 90,419,035	\$ 100,319,245	\$ 117,216,767	\$ 115,354,960	\$ 606,333,548
2 Fuel Cost of Power Sold	(1,882,943)	(1,085,989)	(1,485,156)	(2,599,179)	(5,577,691)	(3,537,241)	(16,168,199)
3 Fuel Cost of Purchased Power	2,642,216	2,786,384	9,274,000	16,392,106	16,766,208	13,971,663	61,832,577
3a Demand and Non-Fuel Cost of Purchased Power							-
3b Energy Payments to Qualified Facilities	13,627,016	12,466,965	10,563,523	8,178,273	13,530,431	12,874,239	71,240,448
4 Energy Cost of Economy Purchases	199,213	441,004	1,462,753	2,688,774	396,680	407,730	5,596,154
5 Adjustments to Fuel Cost	(559,468)	510	790	590	720	740	(556,118)
6 TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	<u>112,864,845</u>	<u>98,793,605</u>	<u>110,234,944</u>	<u>124,979,810</u>	<u>142,333,115</u>	<u>139,072,092</u>	<u>728,278,410</u>
B 1 Jurisdictional mWh Sales	2,574,799	2,691,028	2,573,592	2,850,311	3,163,946	3,525,452	17,379,127
2 Non-Jurisdictional mWh Sales	24,148	13,668	20,372	16,964	25,999	26,298	127,450
3 TOTAL SALES (Lines B1 + B2)	<u>2,598,947</u>	<u>2,704,696</u>	<u>2,593,964</u>	<u>2,867,275</u>	<u>3,189,945</u>	<u>3,551,751</u>	<u>17,506,577</u>
4 Jurisdictional % of Total Sales (Line B1/B3)	99.07%	99.49%	99.21%	99.41%	99.18%	99.26%	99.27%
C 1 Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	92,072,964	95,990,883	91,338,422	102,241,284	115,189,445	129,207,442	626,040,440
2 True-Up Provision	(2,184,805)	(2,184,805)	(2,184,805)	(2,184,805)	(2,184,805)	(2,184,805)	(13,108,830)
2a Incentive Provision	(187,952)	(187,952)	(187,952)	(187,952)	(187,952)	(187,952)	(1,127,712)
3 FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	<u>89,700,207</u>	<u>93,618,126</u>	<u>88,965,665</u>	<u>99,868,527</u>	<u>112,816,688</u>	<u>126,834,685</u>	<u>611,803,898</u>
4 Fuel & Net Power Transactions (Line A6)	112,864,845	98,793,605	110,234,944	124,979,810	142,333,115	139,072,092	728,278,410
5 Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	<u>111,859,928</u>	<u>98,399,842</u>	<u>109,486,576</u>	<u>124,381,581</u>	<u>141,324,089</u>	<u>138,197,566</u>	<u>723,649,581</u>
6 Over/(Under) Recovery (Line C3 - Line C5)	(22,159,721)	(4,781,715)	(20,520,910)	(24,513,054)	(28,507,401)	(11,362,882)	(111,845,684)
7 Interest Provision	(58,010)	(61,737)	(77,201)	(103,035)	(121,356)	(152,728)	(574,067)
8 TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	<u>(22,217,731)</u>	<u>(4,843,452)</u>	<u>(20,598,111)</u>	<u>(24,616,089)</u>	<u>(28,628,757)</u>	<u>(11,515,610)</u>	<u>(112,419,751)</u>
9 Plus: Prior Period Balance	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)
10 Plus: Cumulative True-Up Provision	2,184,805	4,369,610	6,554,415	8,739,220	10,924,025	13,108,830	13,108,830
11 Subtotal Prior Period True-up	(82,926,369)	(80,741,564)	(78,556,759)	(76,371,954)	(74,187,149)	(72,002,344)	(72,002,344)
12 Regulatory Accounting Adjustment	-	-	-	-	-	-	-
13 TOTAL TRUE-UP BALANCE	<u>(\$105,144,101)</u>	<u>(107,802,748)</u>	<u>(\$126,216,054)</u>	<u>(\$148,647,338)</u>	<u>(\$175,091,291)</u>	<u>(\$184,422,095)</u>	<u>(184,422,095)</u>

Duke Energy Florida, LLC
Calculation of Estimated True-Up
(6 Months Actual, 6 Months Estimated)

Estimated for the Period of : January through December 2017

	Jul Estimated	Aug Estimated	Sep Estimated	Oct Estimated	Nov Estimated	Dec Estimated	12 Month Period
A 1 Fuel Cost of System Generation	\$ 122,167,999	\$ 123,430,300	\$ 115,546,389	\$ 110,831,232	\$ 97,938,315	\$ 104,930,710	\$ 1,281,178,493
2 Fuel Cost of Power Sold	(3,267,945)	(3,214,844)	(2,358,978)	(1,872,394)	(1,400,106)	(1,847,163)	(30,129,628)
3 Fuel Cost of Purchased Power	10,540,983	9,783,222	8,926,178	10,176,086	5,986,568	1,345,450	108,591,064
3a Demand and Non-Fuel Cost of Purchased Power							0
3b Energy Payments to Qualified Facilities	13,947,559	13,779,054	13,202,773	11,422,607	11,236,172	13,571,718	148,400,332
4 Energy Cost of Economy Purchases	144,049	187,883	167,214	290,334	176,634	113,827	6,676,095
5 Adjustments to Fuel Cost	(11,038,768)	0	0	0	0	0	(11,594,886)
6 TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	<u>132,493,877</u>	<u>143,965,614</u>	<u>135,483,577</u>	<u>130,847,866</u>	<u>113,937,583</u>	<u>118,114,542</u>	<u>1,503,121,470</u>
B 1 Jurisdictional mWh Sales	3,748,227	3,925,489	3,834,611	3,532,857	2,973,199	2,815,326	38,208,836
2 Non-Jurisdictional mWh Sales	22,314	24,303	21,286	18,065	12,988	17,475	243,881
3 TOTAL SALES (Lines B1 + B2)	<u>3,770,541</u>	<u>3,949,792</u>	<u>3,855,897</u>	<u>3,550,922</u>	<u>2,986,187</u>	<u>2,832,801</u>	<u>38,452,717</u>
4 Jurisdictional % of Total Sales (Line B1/B3)	99.41%	99.38%	99.45%	99.49%	99.57%	99.38%	99.37%
C 1 Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	137,183,799	143,671,512	140,345,419	129,301,319	108,818,046	103,039,931	1,388,400,466
2 True-Up Provision	(2,184,805)	(2,184,805)	(2,184,805)	(2,184,805)	(2,184,805)	(2,184,805)	(26,217,660)
2a Incentive Provision	(187,952)	(187,952)	(187,952)	(187,952)	(187,952)	(187,949)	(2,255,421)
3 FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	<u>134,811,042</u>	<u>141,298,755</u>	<u>137,972,662</u>	<u>126,928,562</u>	<u>106,445,289</u>	<u>100,667,177</u>	<u>1,359,927,385</u>
4 Fuel & Net Power Transactions (Line A6)	132,493,877	143,965,614	135,483,577	130,847,866	113,937,583	118,114,542	1,503,121,470
5 Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	<u>131,859,681</u>	<u>143,233,269</u>	<u>134,889,324</u>	<u>130,326,344</u>	<u>113,574,713</u>	<u>117,513,700</u>	<u>1,495,046,613</u>
6 Over/(Under) Recovery (Line C3 - Line C5)	2,951,361	(1,934,514)	3,083,338	(3,397,782)	(7,129,424)	(16,846,523)	(135,119,228)
7 Interest Provision	(154,576)	(152,418)	(150,202)	(148,607)	(151,350)	(159,811)	(1,491,031)
8 TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	<u>2,796,785</u>	<u>(2,086,932)</u>	<u>2,933,136</u>	<u>(3,546,388)</u>	<u>(7,280,774)</u>	<u>(17,006,335)</u>	<u>(136,610,259)</u>
9 Plus: Prior Period Balance	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)
10 Plus: Cumulative True-Up Provision	15,293,635	17,478,440	19,663,245	21,848,050	24,032,855	26,217,660	26,217,660
11 Subtotal Prior Period True-up	(69,817,539)	(67,632,734)	(65,447,929)	(63,263,124)	(61,078,319)	(58,893,514)	(58,893,515)
12 Regulatory Accounting Adjustment	-	-	-	-	-	-	-
13 TOTAL TRUE-UP BALANCE	<u>(\$179,440,505)</u>	<u>(\$179,342,633)</u>	<u>(\$174,224,692)</u>	<u>(\$175,586,275)</u>	<u>(\$180,682,244)</u>	<u>(\$195,503,774)</u>	<u>(\$195,503,774)</u>

Duke Energy Florida, LLC
Calculation of Generating Performance Incentive
And True-Up Adjustment Factors
Estimated for the Period of : January through December 2018

1. TOTAL AMOUNT OF ADJUSTMENTS:

A. Generating Performance Incentive Reward / (Penalty)	\$	2,793,216
B. True-Up (Over) / Under Recovery	\$	195,503,774

2. JURISDICTIONAL mWh SALES	mWh	38,723,184
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3. ADJUSTMENT FACTORS:

A. Generating Performance Incentive Factor	Cents/kWh	0.007
B. True-Up Factor	Cents/kWh	0.505

Duke Energy Florida, LLC
Calculation of Levelized Fuel Adjustment Factors
Estimated for the Period of : January through December 2018

1. Period Jurisdictional Fuel Cost (Schedule E-1, line 21)	\$	1,496,427,570
1a. Prior Period True-up (E1, Line 22)	\$	195,503,774
2. Regulatory Assessment Fee (E1, Line 24)	\$	1,218,191
3. Generating Performance Incentive Factor (GPIF) (E1, Line 26)	\$	2,793,216
4. Total Amount to be Recovered	\$	<u>1,695,942,751</u>
5. Jurisdictional Sales (January - December 2018)		38,723,184 mWh
6. Jurisdictional Cost per kWh Sold (Line 4 / Line 5 / 10)		4.380 Cents/kWh
7. Effective Jurisdictional Sales (See Below)		38,676,698 mWh

LEVELIZED FUEL FACTORS:

8. Fuel Factor at Secondary Metering (Line 4 / Line 7 / 10)	4.385 Cents/kWh
9. Fuel Factor at Primary Metering	4.341 Cents/kWh
10. Fuel Factor at Transmission Metering	4.297 Cents/kWh

TIERED FUEL FACTORS:

11 Fuel Factor - First Tier (0-1000 kWh)	4.091	Cents/kWh
12 Fuel Factor - Second Tier (Over 1000 kWh)	5.091	Cents/kWh

<u>METERING VOLTAGE:</u>	<u>JURISDICTIONAL SALES (mWh)</u>	
	<u>METER</u>	<u>SECONDARY</u>
Distribution Secondary	34,405,497	34,405,497
Distribution Primary	3,986,736	3,946,868
Transmission	330,951	324,332
Total	<u>38,723,184</u>	<u>38,676,698</u>

Duke Energy Florida, LLC
 Calculation of Final Fuel Cost Factors
 Estimated for the Period of : January through December 2018

Line:	Metering Voltage	First Tier Factor Cents/kWh	Second Tier Factor Cents/kWh	Levelized Factors Cents/kWh	-----Time of Use-----	
					On-Peak Multiplier 1.236	Off-Peak Multiplier 0.890
1.	Distribution Secondary	4.091	5.091	4.385	5.420	3.903
2.	Distribution Primary	--	--	4.341	5.365	3.863
3.	Transmission	--	--	4.297	5.311	3.824
4.	Lighting Service	--	--	4.186	--	--

Line 4 calculated at secondary rate of 4.385 * (18.7% * On-Peak Multiplier 1.236 + 81.3% * Off-Peak Multiplier 0.89).

DEVELOPMENT OF TIME OF USE MULTIPLIERS

Mo/Yr	<u>ON-PEAK PERIOD</u>			<u>OFF-PEAK PERIOD</u>			<u>TOTAL</u>		
	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-18	1,826,716	61,354,837	3.359	4,650,850	116,950,834	2.515	6,477,566	178,305,671	2.753
Feb-18	1,533,483	50,612,734	3.301	4,046,187	103,045,067	2.547	5,579,670	153,657,801	2.754
Mar-18	1,551,665	53,023,149	3.417	4,494,712	145,837,232	3.245	6,046,377	198,860,381	3.289
Apr-18	2,076,968	74,523,473	3.588	4,129,356	103,224,832	2.500	6,206,323	177,748,305	2.864
May-18	2,755,153	102,358,891	3.715	4,773,987	115,015,304	2.409	7,529,140	217,374,194	2.887
Jun-18	2,772,238	106,380,869	3.837	5,313,630	136,868,257	2.576	8,085,868	243,249,126	3.008
Jul-18	2,942,882	116,102,811	3.945	5,628,387	145,250,188	2.581	8,571,270	261,352,998	3.049
Aug-18	3,070,287	113,466,103	3.696	5,568,532	140,498,697	2.523	8,638,819	253,964,800	2.940
Sep-18	2,641,007	94,955,033	3.595	5,424,082	132,919,841	2.451	8,065,089	227,874,874	2.825
Oct-18	2,519,923	83,957,771	3.332	4,466,853	102,791,430	2.301	6,986,776	186,749,201	2.673
Nov-18	1,564,189	42,703,306	2.730	4,349,834	108,207,389	2.488	5,914,022	150,910,695	2.552
Dec-18	1,643,279	44,890,767	2.732	4,736,114	104,825,173	2.213	6,379,393	149,715,941	2.347
TOTAL	26,897,790	944,329,743	3.511	57,582,524	1,455,434,245	2.528	84,480,314	2,399,763,988	2.841

MARGINAL FUEL COST
 WEIGHTING MULTIPLIER

ON-PEAK
 1.236

OFF-PEAK
 0.890

AVERAGE
 1.000

Duke Energy Florida, LLC
Development of Jurisdictional Delivery Loss Multipliers
Based on Actual Twelve Months Ending December 31, 2016
Estimated for the Period of : January through December 2018

	Energy Delivered @ Billing Level			% of Total	Delivery Efficiency	Energy Required @ Source Level	% of Total	Jurisdictional Loss Multiplier
	Billed mWh	Unbilled mWh	Total mWh					
Retail								
Transmission	320,414	(2,123)	318,291		0.9837076	323,563		
Distribution Primary	3,915,568	(25,945)	3,889,623		0.9737076	3,994,652		
Distribution Secondary	34,537,979	(228,843)	34,309,136		0.9373898	36,600,714		
Total Retail	38,773,961	(256,911)	38,517,050	98.06%	0.9413015 5.87%	40,918,928	98.17%	1.00112
Wholesale								
Generation Level	734,421	-	734,421		1.0000000	734,421		
Transmission	-	-	-		0.9837076	-		
Distribution Primary	28,623	-	28,623		0.9737076	29,396		
Distribution Secondary	-	-	-		-	-		
Total Wholesale	763,044	-	763,044	1.94%	0.9989881 0.10%	763,817	1.83%	0.94331
Subtotal Class	39,537,005	(256,911)	39,280,094	100.00%	0.9423586 5.76%	41,682,745	100.00%	1.00000
Non-Class								
SEPA	Transmission	69,030	-	69,030		0.9837076	70,174	
Homestead Base & Int	Generation	91,151	-	91,151		1.0000000	91,151	
SECI - Base	Generation	152,727	-	152,727		1.0000000	152,727	
Reedy Creek Base & Int	Generation	612,095	-	612,095		1.0000000	612,095	
NSB - Peaking	Generation	4,264	-	4,264		1.0000000	4,264	
SECI - Intermediate	Generation	108,345	-	108,345		1.0000000	108,345	
SECI - Peaking	Generation	2,826	-	2,826		1.0000000	2,826	
Interchange	Generation	62,966	-	62,966		1.0000000	62,966	
Company Use	Secondary	155,159	-	155,159		0.9373898	165,522	
Total Non-Class		1,258,563	-	1,258,563			1,270,070	
Total System		40,795,568	(256,911)	40,538,657		0.943795	42,952,815	

Duke Energy Florida, LLC
Fuel and Purchased Power Cost Recovery Clause
Estimated for the Period of : January through December 2018

		Estimated Jan-18	Estimated Feb-18	Estimated Mar-18	Estimated Apr-18	Estimated May-18	Estimated Jun-18	Estimated Jul-18	Estimated Aug-18	Estimated Sep-18	Estimated Oct-18	Estimated Nov-18	Estimated Dec-18	TOTAL
1	Fuel Cost of System Net Generation	\$106,629,264	\$94,795,551	\$101,752,841	\$98,872,100	\$115,966,728	\$119,392,235	\$126,493,829	\$128,431,148	\$118,556,065	\$104,998,417	\$93,635,542	\$96,839,394	\$1,306,363,114
1a	Nuclear Fuel Disposal Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
1b	Adjustments to Fuel Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Fuel Cost of Power Sold	(481,858)	(302,740)	(53,111)	(366,759)	(308,745)	(241,913)	(289,749)	(629,894)	(261,602)	(250,723)	(500,934)	(396,793)	(4,084,821)
2a	Gains on Power Sales	(116,019)	(72,892)	(12,787)	(88,306)	(74,337)	(58,246)	(69,763)	(151,661)	(62,987)	(60,368)	(120,613)	(95,537)	(983,516)
2b	Fuel Cost of Stratified Sales	(1,578,077)	(980,672)	(1,744,660)	(1,859,815)	(2,166,954)	(2,253,954)	(2,481,565)	(2,495,298)	(2,113,806)	(1,699,577)	(983,014)	(1,391,844)	(21,749,236)
3	Fuel Cost of Purchased Power (Excl Economy)	2,568,575	909,301	9,406,303	5,203,120	7,196,141	10,632,688	9,402,612	6,835,982	4,386,303	3,441,317	1,833,996	293,203	62,109,541
3a	Energy Payments to Qualifying Facilities	13,616,143	12,308,920	12,592,884	12,112,794	13,834,004	14,167,384	14,560,967	14,546,596	13,830,949	12,093,665	11,849,985	14,210,657	159,724,948
4	Energy Cost of Economy Purchases	125,077	108,678	236,699	101,474	101,006	111,435	155,677	70,424	130,775	150,082	194,991	69,612	1,555,930
5	Total System Fuel & Net Power Transactions	\$120,763,105	\$106,766,146	\$122,178,169	\$113,974,608	\$134,547,843	\$141,749,629	\$147,772,008	\$146,607,297	\$134,465,697	\$118,672,813	\$105,909,953	\$109,528,692	\$1,502,935,960
6	Jurisdictional mWh Sold	2,972,586	2,787,089	2,657,930	2,708,796	2,981,063	3,560,461	3,788,605	3,968,574	3,893,979	3,544,639	3,017,391	2,842,070	38,723,184
7	Jurisdictional % of Total Sales	99.37%	99.55%	99.56%	99.50%	99.41%	99.43%	99.41%	99.39%	99.46%	99.49%	99.57%	99.38%	99.46%
8	Jurisdictional Fuel & Net Power Transactions	120,002,298	106,285,698	121,640,585	113,404,735	133,754,010	140,941,656	146,900,154	145,712,992	133,739,582	118,067,582	105,454,540	108,849,614	1,494,753,447
9	Jurisdictional Loss Multiplier	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112
10	Jurisdictional Fuel & Net Power Transactions	120,136,700	106,404,738	121,776,823	113,531,748	133,903,815	141,099,511	147,064,682	145,876,191	133,889,370	118,199,817	105,572,649	108,971,526	1,496,427,570
11	Adjusted System Sales	mWh 2,991,291	2,799,646	2,669,582	2,722,516	2,998,881	3,580,801	3,810,973	3,992,914	3,915,290	3,562,732	3,030,411	2,859,678	38,934,716
12	System Cost per kWh Sold	c/kWh 4.0371	3.8136	4.5766	4.1864	4.4866	3.9587	3.8775	3.6717	3.4344	3.3309	3.4949	3.8301	3.8601
13	Jurisdictional Loss Multiplier	x 1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112
14	Jurisdictional Cost per kWh Sold	c/kWh 4.0415	3.8178	4.5816	4.1912	4.4918	3.9630	3.8818	3.6758	3.4384	3.3346	3.4988	3.8342	3.8644
15	Prior Period True-Up	+ 0.5481	0.5846	0.6130	0.6015	0.5465	0.4576	0.4300	0.4105	0.4184	0.4596	0.5399	0.5732	0.5049
16	Total Jurisdictional Fuel Expense	c/kWh 4.5896	4.4023	5.1946	4.7927	5.0383	4.4205	4.3118	4.0863	3.8568	3.7942	4.0387	4.4075	4.3693
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 4.5929	4.4055	5.1983	4.7961	5.0420	4.4237	4.3149	4.0892	3.8595	3.7970	4.0417	4.4106	4.3724
19	GPIF	+ 0.0078	0.0084	0.0088	0.0086	0.0078	0.0065	0.0061	0.0059	0.0060	0.0066	0.0077	0.0082	0.0072
20	Total Recovery Factor (rounded .001)	c/kWh 4.601	4.414	5.207	4.805	5.050	4.430	4.321	4.095	3.866	3.804	4.049	4.419	4.380

Duke Energy Florida, LLC
 Generating System Comparative Data by Fuel Type
 Estimated for the Period of : January through December 2018

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Subtotal
FUEL COST OF SYSTEM NET GENERATION (\$)							
1 HEAVY OIL	0	0	0	0	0	0	0
2 LIGHT OIL	288,618	244,196	245,658	283,157	256,492	213,812	1,531,933
3 COAL	26,305,549	22,667,105	25,386,689	25,089,658	27,754,301	28,545,119	155,748,421
4 GAS	80,035,097	71,884,250	76,120,494	73,499,285	87,955,935	90,633,304	480,128,365
5 NUCLEAR	0	0	0	0	0	0	0
6 OTHER	0	0	0	0	0	0	0
7 TOTAL	\$ 106,629,264	94,795,551	101,752,841	98,872,100	115,966,728	119,392,235	637,408,719
SYSTEM NET GENERATION (MWH)							
8 HEAVY OIL	0	0	0	0	0	0	0
9 LIGHT OIL	153	21	9	3	4	24	214
10 COAL	893,313	754,693	732,615	767,124	855,338	885,578	4,888,661
11 GAS	2,008,388	1,769,836	1,842,076	2,023,336	2,520,279	2,647,463	12,811,378
12 NUCLEAR	0	0	0	0	0	0	0
13 SOLAR	2,634	2,185	3,244	3,275	3,202	2,886	17,426
14 OTHER	0	0	0	0	0	0	0
15 TOTAL	MWH 2,904,488	2,526,735	2,577,945	2,793,738	3,378,822	3,535,951	17,717,678
UNITS OF FUEL BURNED							
16 HEAVY OIL	BBL 0	0	0	0	0	0	0
17 LIGHT OIL	BBL 3,323	2,582	2,602	3,191	2,762	2,082	16,542
18 COAL	TON 393,402	335,158	344,891	357,452	398,208	410,601	2,239,712
19 GAS	MCF 14,938,181	13,150,067	14,308,985	15,421,635	19,265,554	20,638,272	97,722,694
20 NUCLEAR	MMBTU 0	0	0	0	0	0	0
21 OTHER	0	0	0	0	0	0	0
BTUS BURNED (MMBTU)							
22 HEAVY OIL	0	0	0	0	0	0	0
23 LIGHT OIL	19,356	15,038	15,163	18,589	16,093	12,130	96,369
24 COAL	9,126,927	7,764,054	7,952,165	8,268,691	9,216,292	9,505,428	51,833,557
25 GAS	14,938,181	13,150,067	14,308,985	15,421,635	19,265,554	20,638,272	97,722,694
26 NUCLEAR	0	0	0	0	0	0	0
27 OTHER	0	0	0	0	0	0	0
28 TOTAL	MMBTU 24,084,464	20,929,159	22,276,313	23,708,915	28,497,939	30,155,830	149,652,620
GENERATION MIX (% MWH)							
29 HEAVY OIL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
30 LIGHT OIL	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
31 COAL	30.76%	29.87%	28.42%	27.46%	25.32%	25.05%	27.59%
32 GAS	69.15%	70.04%	71.46%	72.42%	74.59%	74.87%	72.31%
33 NUCLEAR	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34 SOLAR	0.09%	0.09%	0.13%	0.12%	0.10%	0.08%	0.10%
35 OTHER	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
36 TOTAL	% 100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
FUEL COST PER UNIT							
37 HEAVY OIL	\$/BBL 0.00	0.00	0.00	0.00	0.00	0.00	0.00
38 LIGHT OIL	\$/BBL 86.85	94.58	94.41	88.74	92.86	102.70	92.61
39 COAL	\$/TON 66.87	67.63	73.61	70.19	69.70	69.52	69.54
40 GAS	\$/MCF 5.36	5.47	5.32	4.77	4.57	4.39	4.91
41 NUCLEAR	\$/MMBTU 0.00	0.00	0.00	0.00	0.00	0.00	0.00
42 OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL COST PER MMBTU (\$/MMBTU)							
43 HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44 LIGHT OIL	14.91	16.24	16.20	15.23	15.94	17.63	15.90
45 COAL	2.88	2.92	3.19	3.03	3.01	3.00	3.01
46 GAS	5.36	5.47	5.32	4.77	4.57	4.39	4.91
47 NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48 OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49 TOTAL	\$/MMBTU 4.43	4.53	4.57	4.17	4.07	3.96	4.26
BTU BURNED PER KWH (BTU/KWH)							
50 HEAVY OIL	0	0	0	0	0	0	0
51 LIGHT OIL	126,675	716,095	1,684,778	6,196,333	4,023,250	505,417	450,744
52 COAL	10,217	10,288	10,854	10,779	10,775	10,734	10,603
53 GAS	7,438	7,430	7,768	7,622	7,644	7,795	7,628
54 NUCLEAR	0	0	0	0	0	0	0
55 OTHER	0	0	0	0	0	0	0
56 TOTAL	BTU/KWH 8,292	8,283	8,641	8,486	8,434	8,528	8,447
GENERATED FUEL COST PER KWH (C/KWH)							
57 HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
58 LIGHT OIL	188.89	1162.84	2729.53	9438.57	6412.30	890.88	716.53
59 COAL	2.94	3.00	3.47	3.27	3.24	3.22	3.19
60 GAS	3.99	4.06	4.13	3.63	3.49	3.42	3.75
61 NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
62 OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63 TOTAL	C/KWH 3.67	3.75	3.95	3.54	3.43	3.38	3.60

Duke Energy Florida, LLC
 Generating System Comparative Data by Fuel Type
 Estimated for the Period of : January through December 2018

		Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
FUEL COST OF SYSTEM NET GENERATION (\$)								
1	HEAVY OIL	0	0	0	0	0	0	0
2	LIGHT OIL	237,197	141,490	136,202	194,280	161,350	222,887	2,625,339
3	COAL	29,273,382	29,994,655	23,116,784	21,774,783	20,604,490	14,350,906	294,863,421
4	GAS	96,983,250	98,295,003	95,303,079	83,029,354	72,869,702	82,265,601	1,008,874,354
5	NUCLEAR	0	0	0	0	0	0	0
6	OTHER	0	0	0	0	0	0	0
7	TOTAL	\$ 126,493,829	128,431,148	118,556,065	104,998,417	93,635,542	96,839,394	1,306,363,114
SYSTEM NET GENERATION (MWH)								
8	HEAVY OIL	0	0	0	0	0	0	0
9	LIGHT OIL	60	0	22	3	31	7	337
10	COAL	911,529	936,713	771,643	722,138	680,529	473,640	9,384,853
11	GAS	2,844,204	2,902,200	2,864,121	2,477,016	2,023,570	2,409,008	28,331,496
12	NUCLEAR	0	0	0	0	0	0	0
13	SOLAR	2,816	2,892	2,731	2,997	2,600	5,260	36,721
14	OTHER	0	0	0	0	0	0	0
15	TOTAL	MWH 3,758,608	3,841,805	3,638,517	3,202,154	2,706,730	2,887,914	37,753,407
UNITS OF FUEL BURNED								
16	HEAVY OIL	BBL 0	0	0	0	0	0	0
17	LIGHT OIL	BBL 2,436	936	850	1,933	1,427	2,391	26,515
18	COAL	TON 422,003	433,795	351,569	330,826	311,235	214,564	4,303,704
19	GAS	MCF 22,027,534	22,208,153	21,608,239	18,110,138	14,806,108	16,799,843	213,282,709
20	NUCLEAR	MMBTU 0	0	0	0	0	0	0
21	OTHER	0	0	0	0	0	0	0
BTUS BURNED (MMBTU)								
22	HEAVY OIL	0	0	0	0	0	0	0
23	LIGHT OIL	14,189	5,458	4,955	11,259	8,315	13,921	154,466
24	COAL	9,770,452	10,043,500	8,132,290	7,652,079	7,198,991	4,964,081	99,594,950
25	GAS	22,027,534	22,208,153	21,608,239	18,110,138	14,806,108	16,799,843	213,282,709
26	NUCLEAR	0	0	0	0	0	0	0
27	OTHER	0	0	0	0	0	0	0
28	TOTAL	MMBTU 31,812,175	32,257,111	29,745,484	25,773,476	22,013,414	21,777,845	313,032,125
GENERATION MIX (% MWH)								
29	HEAVY OIL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
30	LIGHT OIL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
31	COAL	24.25%	24.38%	21.21%	22.55%	25.14%	16.40%	24.86%
32	GAS	75.67%	75.54%	78.72%	77.36%	74.76%	83.42%	75.04%
33	NUCLEAR	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34	SOLAR	0.08%	0.08%	0.08%	0.09%	0.10%	0.18%	0.10%
35	OTHER	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
36	TOTAL	% 100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
FUEL COST PER UNIT								
37	HEAVY OIL	\$/BBL 0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	LIGHT OIL	\$/BBL 97.37	151.16	160.24	100.51	113.07	93.22	99.01
39	COAL	\$/TON 69.37	69.14	65.75	65.82	66.20	66.88	68.51
40	GAS	\$/MCF 4.40	4.43	4.41	4.58	4.92	4.90	4.73
41	NUCLEAR	\$/MMBTU 0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL COST PER MMBTU (\$/MMBTU)								
43	HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	LIGHT OIL	16.72	25.92	27.49	17.26	19.41	16.01	17.00
45	COAL	3.00	2.99	2.84	2.85	2.86	2.89	2.96
46	GAS	4.40	4.43	4.41	4.59	4.92	4.90	4.73
47	NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	TOTAL	\$/MMBTU 3.98	3.98	3.99	4.07	4.25	4.45	4.17
BTU BURNED PER KWH (BTU/KWH)								
50	HEAVY OIL	0	0	0	0	0	0	0
51	LIGHT OIL	236,483	0	225,227	3,753,000	268,226	1,988,714	458,628
52	COAL	10,719	10,722	10,539	10,596	10,579	10,481	10,612
53	GAS	7,745	7,652	7,544	7,311	7,317	6,974	7,528
54	NUCLEAR	0	0	0	0	0	0	0
55	OTHER	0	0	0	0	0	0	0
56	TOTAL	BTU/KWH 8,464	8,396	8,175	8,049	8,133	7,541	8,291
GENERATED FUEL COST PER KWH (C/KWH)								
57	HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
58	LIGHT OIL	395.33	0.00	619.10	6476.00	520.48	3184.10	779.49
59	COAL	3.21	3.20	3.00	3.02	3.03	3.03	3.14
60	GAS	3.41	3.39	3.33	3.35	3.60	3.41	3.56
61	NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
62	OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	TOTAL	C/KWH 3.37	3.34	3.26	3.28	3.46	3.35	3.46

Duke Energy Florida, LLC
System Net Generation and Fuel Cost

Estimated for the Period of: Jan-18

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVA L 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 CRYSTAL RIVER	1	376	5,655	2.0	92.90	45.6	11,193 COAL	2,787 TONS	22.71	63,298	297,196	5.26
2 CRYSTAL RIVER	2	500	8,549	2.3	97.10	32.9	11,892 COAL	4,476 TONS	22.71	101,663	453,614	5.31
3 CRYSTAL RIVER	4	732	425,297	78.1	94.19	82.9	10,258 COAL	187,976 TONS	23.21	4,362,757	12,442,205	2.93
4 CRYSTAL RIVER	5	712	453,812	85.7	94.19	91.3	10,135 COAL	198,163 TONS	23.21	4,599,209	13,112,534	2.89
5 ANCLOTE	1	517	81,058	21.1	89.68	23.5	11,431 GAS	926,535 MCF	1.00	926,535	4,213,807	5.20
6 ANCLOTE	2	521	12,090	3.1	89.35	30.9	11,574 GAS	139,924 MCF	1.00	139,924	1,568,434	12.97
7 AVON PARK	1-2	69	0	0.0	93.87	0.0	0 GAS	0 MCF	0.00	0	0	0.00
8 BARTOW	1-4	228	240	0.1	77.50	0.0	15,666 GAS	3,752 MCF	1.00	3,752	20,342	8.49
9 BARTOW CC	1	1279	460,069	48.3	98.06	49.3	7,466 GAS	3,435,008 MCF	1.00	3,435,008	18,624,286	4.05
10 CITRUS CC	1-2	1586	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
11 DEBARY	1-10	785	1,087	0.2	85.45	9.2	13,206 GAS	14,354 MCF	1.00	14,354	77,827	7.16
12 HIGGINS	1-4	129	214	0.2	90.16	23.7	16,453 GAS	3,521 MCF	1.00	3,521	19,090	8.92
13 HINES CC	1-4	2,204	1,257,281	76.7	98.31	21.4	7,046 GAS	8,859,156 MCF	1.00	8,859,156	47,075,203	3.74
14 NT CITY	1-14	1,186	1,749	0.2	95.11	8.2	12,387 GAS	21,661 MCF	1.00	21,661	117,442	6.72
15 OSPREY CC	1	505	66,100	17.6	97.99	78.4	7,756 GAS	512,644 MCF	1.00	512,644	2,779,508	4.21
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
19 SUWANNEE CT	1-3	200	1,220	0.8	95.70	21.0	14,425 GAS	17,594 MCF	1.00	17,594	95,390	7.82
20 TIGER BAY CC	1	225	92,261	55.1	94.84	102.8	7,304 GAS	673,895 MCF	1.00	673,895	3,653,796	3.96
21 UNIV OF FLA. CC	1	47	35,021	100.2	98.06	102.1	9,427 GAS	330,137 MCF	1.00	330,137	1,789,972	5.11
22 AVON PARK	1-2	69	0	0.0	93.87	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
23 BARTOW	1-4	228	0	0.0	77.50	0.0	0 LIGHT OIL	0 BBLS	0.00	0	36	0.00
24 BAYBORO	1-4	231	15	0.0	93.87	0.0	19,400 LIGHT OIL	50 BBLS	5.82	291	3,278	21.85
25 DEBARY	1-10	785	4	0.2	85.45	0.0	19,750 LIGHT OIL	14 BBLS	5.64	79	1,042	26.05
26 HIGGINS	1-4	129	0	0.0	90.16	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
28 NT CITY	1-14	1,186	131	0.2	95.11	0.0	16,139 LIGHT OIL	362 BBLS	5.83	2,111	24,862	19.01
29 RIO PINAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
30 SUWANNEE	1-3	200	3	0.8	95.70	0.0	21,333 LIGHT OIL	11 BBLS	5.82	64	800	26.67
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	2,886 BBLS	5.83	16,811	258,600	0.00
33 SOLAR		19	2,634	18.6	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			2,904,488							24,084,464	106,629,264	3.67

Duke Energy Florida, LLC
 System Net Generation and Fuel Cost
 Estimated for the Period of: Feb-18

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVA L 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 CRYSTAL RIVER	1	376	13,676	5.4	92.86	27.1	11,870 COAL	7,146 TONS	22.72	162,335	701,067	5.13
2 CRYSTAL RIVER	2	500	17,452	5.2	98.93	20.8	12,765 COAL	9,807 TONS	22.72	222,772	947,472	5.43
3 CRYSTAL RIVER	4	732	311,451	63.3	75.62	82.5	10,262 COAL	137,828 TONS	23.19	3,196,124	9,113,880	2.93
4 CRYSTAL RIVER	5	712	412,114	86.1	96.43	89.6	10,150 COAL	180,377 TONS	23.19	4,182,823	11,904,686	2.89
5 ANCLOTE	1	517	70,259	20.2	91.07	22.2	11,528 GAS	809,932 MCF	1.00	809,932	3,660,776	5.21
6 ANCLOTE	2	521	4,699	1.3	92.50	22.5	12,381 GAS	58,179 MCF	1.00	58,179	1,141,650	24.29
7 AVON PARK	1-2	69	0	0.0	94.29	0.0	0 GAS	0 MCF	0.00	0	0	0.00
8 BARTOW	1-4	228	193	0.1	78.39	12.3	17,055 GAS	3,295 MCF	1.00	3,295	18,229	9.44
9 BARTOW CC	1	1279	421,020	49.0	97.14	50.4	7,518 GAS	3,165,282 MCF	1.00	3,165,282	17,510,469	4.16
10 CITRUS CC	1-2	1586	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
11 DEBARY	1-10	785	1,636	0.3	84.86	9.1	13,281 GAS	21,732 MCF	1.00	21,732	120,224	7.35
12 HIGG NS	1-4	129	85	0.1	85.15	33.0	15,364 GAS	1,309 MCF	1.00	1,309	7,244	8.50
13 H NES CC	1-4	2,204	1,148,109	77.5	97.23	21.4	7,039 GAS	8,081,690 MCF	1.00	8,081,690	43,845,778	3.82
14 INT CITY	1-14	1,186	1,756	0.2	93.69	7.4	12,460 GAS	21,882 MCF	1.00	21,882	121,051	6.89
15 OSPREY CC	1	505	34,412	10.1	78.94	74.1	7,911 GAS	272,225 MCF	1.00	272,225	1,505,959	4.38
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
19 SUWANNEE CT	1-3	200	1,215	0.9	96.19	24.3	13,768 GAS	16,721 MCF	1.00	16,721	92,501	7.62
20 TIGER BAY CC	1	225	55,463	36.7	76.92	102.7	7,313 GAS	405,603 MCF	1.00	405,603	2,243,812	4.05
21 UNIV OF FLA. CC	1	47	30,989	98.1	96.07	102.1	9,430 GAS	292,217 MCF	1.00	292,217	1,616,557	5.22
22 AVON PARK	1-2	69	0	0.0	94.29	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
23 BARTOW	1-4	228	3	0.1	78.39	0.0	22,333 LIGHT OIL	12 BBLS	5.58	67	754	25.13
24 BAYBORO	1-4	231	3	0.0	95.36	0.0	19,333 LIGHT OIL	10 BBLS	5.80	58	832	27.73
25 DEBARY	1-10	785	0	0.0	84.86	0.0	0 LIGHT OIL	0 BBLS	0.00	0	189	0.00
26 HIGG NS	1-4	129	0	0.0	85.15	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
28 INT CITY	1-14	1,186	15	0.2	93.69	0.0	17,333 LIGHT OIL	45 BBLS	5.78	260	5,169	34.46
29 RIO P NAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	96.19	0.0	0 LIGHT OIL	0 BBLS	0.00	0	86	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	2,515 BBLS	5.83	14,653	237,166	0.00
33 SOLAR		19	2,185	17.1	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			2,526,735							20,929,159	94,795,551	3.75

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Mar-18

(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 CRYSTAL RIVER	1	376	73,458	26.3	92.90	37.4	11,749 COAL	37,977 TONS	22.73	863,075	3,557,612	4.84
2 CRYSTAL RIVER	2	500	100,323	27.0	97.10	27.8	12,609 COAL	55,663 TONS	22.73	1,265,022	5,195,881	5.18
3 CRYSTAL RIVER	4	732	119,036	21.9	22.06	87.9	10,379 COAL	53,296 TONS	23.18	1,235,418	3,570,448	3.00
4 CRYSTAL RIVER	5	712	439,798	83.0	93.10	89.3	10,434 COAL	197,955 TONS	23.18	4,588,650	13,062,748	2.97
5 ANCLOTE	1	517	156,399	40.7	92.26	44.1	10,710 GAS	1,675,002 MCF	1.00	1,675,002	7,483,849	4.79
6 ANCLOTE	2	521	16,614	4.3	96.13	40.4	11,536 GAS	191,668 MCF	1.00	191,668	2,569,564	15.47
7 AVON PARK	1-2	69	0	0.0	94.20	0.0	0 GAS	0 MCF	0.00	0	0	0.00
8 BARTOW	1-4	228	216	0.1	77.26	18.9	14,278 GAS	3,084 MCF	1.00	3,084	16,609	7.69
9 BARTOW CC	1	1279	449,163	47.2	66.79	50.8	8,073 GAS	3,626,177 MCF	1.00	3,626,177	19,529,662	4.35
10 CITRUS CC	1-2	1586	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
11 DEBARY	1-10	785	2,069	0.4	85.29	9.1	13,180 GAS	27,273 MCF	1.00	27,273	146,888	7.10
12 HIGGINS	1-4	129	320	0.3	68.18	22.6	15,671 GAS	5,021 MCF	1.00	5,021	27,042	8.44
13 HINES CC	1-4	2,204	1,110,183	67.7	85.66	19.8	7,092 GAS	7,873,830 MCF	1.00	7,873,830	41,462,389	3.73
14 NT CITY	1-14	1,186	1,461	0.2	85.06	6.5	12,837 GAS	18,755 MCF	1.00	18,755	101,009	6.91
15 OSPREY CC	1	505	71,192	18.9	21.29	46.8	7,797 GAS	555,088 MCF	1.00	555,088	2,989,562	4.20
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
19 SUWANNEE CT	1-3	200	1,964	1.3	97.53	25.2	13,416 GAS	26,350 MCF	1.00	26,350	141,914	7.23
20 TIGER BAY CC	1	225	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
21 UNIV OF FLA. CC	1	47	32,494	92.9	93.44	99.3	9,440 GAS	306,737 MCF	1.00	306,737	1,652,006	5.08
22 AVON PARK	1-2	69	0	0.0	94.20	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
23 BARTOW	1-4	228	0	0.0	77.26	0.0	0 LIGHT OIL	0 BBLS	0.00	0	36	0.00
24 BAYBORO	1-4	231	0	0.0	95.24	0.0	0 LIGHT OIL	0 BBLS	0.00	0	208	0.00
25 DEBARY	1-10	785	0	0.0	85.29	0.0	0 LIGHT OIL	0 BBLS	0.00	0	189	0.00
26 HIGGINS	1-4	129	0	0.0	68.18	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
28 INT CITY	1-14	1,186	3	0.2	85.06	0.0	16,000 LIGHT OIL	8 BBLS	6.00	48	2,888	96.27
29 RIO PINAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
30 SUWANNEE	1-3	200	6	1.3	97.53	0.0	16,667 LIGHT OIL	17 BBLS	5.88	100	1,216	20.27
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	2,577 BBLS	5.83	15,015	241,121	0.00
33 SOLAR	19	3,244	23.0	0.00	0.0	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL		2,577,945								22,276,313	101,752,841	3.95

Duke Energy Florida, LLC
System Net Generation and Fuel Cost

Estimated for the Period of: Apr-18

(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 CRYSTAL RIVER	1	376	788	0.3	93.33	41.9	11,560 COAL	397 TONS	22.94	9,109	76,471	9.70
2 CRYSTAL RIVER	2	500	93,904	26.1	99.00	26.3	12,706 COAL	52,054 TONS	22.92	1,193,121	4,881,569	5.20
3 CRYSTAL RIVER	4	732	382,843	72.6	92.00	79.0	10,484 COAL	173,238 TONS	23.17	4,013,692	11,424,585	2.98
4 CRYSTAL RIVER	5	712	289,589	56.5	73.33	78.4	10,542 COAL	131,763 TONS	23.17	3,052,769	8,707,033	3.01
5 ANCLOTE	1	517	115,679	31.1	89.00	34.9	10,958 GAS	1,267,658 MCF	1.00	1,267,658	4,900,824	4.24
6 ANCLOTE	2	521	0	0.0	15.00	0.0	0 GAS	0 MCF	0.00	0	1,206,868	0.00
7 AVON PARK	1-2	69	0	0.0	93.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
8 BARTOW	1-4	228	259	0.2	77.83	18.9	14,064 GAS	3,644 MCF	1.00	3,644	17,558	6.78
9 BARTOW CC	1	1279	611,691	66.4	96.67	68.6	7,824 GAS	4,785,573 MCF	1.00	4,785,573	23,057,329	3.77
10 CITRUS CC	1-2	1586	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
11 DEBARY	1-10	785	2,583	0.5	75.40	7.7	13,692 GAS	35,362 MCF	1.00	35,362	170,379	6.60
12 HIGGINS	1-4	129	41	0.0	88.92	10.6	21,683 GAS	889 MCF	1.00	889	4,283	10.45
13 HINES CC	1-4	2,204	984,262	62.0	75.17	20.9	7,051 GAS	6,940,496 MCF	1.00	6,940,496	32,636,380	3.32
14 NT CITY	1-14	1,186	3,807	0.4	88.05	6.6	12,767 GAS	48,601 MCF	1.00	48,601	234,163	6.15
15 OSPREY CC	1	505	215,702	59.3	74.41	61.0	7,620 GAS	1,643,566 MCF	1.00	1,643,566	7,918,851	3.67
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
19 SUWANNEE CT	1-3	200	1,542	1.1	65.67	25.7	13,328 GAS	20,548 MCF	1.00	20,548	99,001	6.42
20 TIGER BAY CC	1	225	68,880	42.5	48.95	89.0	7,212 GAS	496,793 MCF	1.00	496,793	2,393,595	3.48
21 UNIV OF FLA. CC	1	47	18,892	55.8	56.08	99.0	9,449 GAS	178,505 MCF	1.00	178,505	860,054	4.55
22 AVON PARK	1-2	69	0	0.0	93.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
23 BARTOW	1-4	228	0	0.0	77.83	0.0	0 LIGHT OIL	0 BBLS	0.00	0	36	0.00
24 BAYBORO	1-4	231	0	0.0	94.75	0.0	0 LIGHT OIL	0 BBLS	0.00	0	208	0.00
25 DEBARY	1-10	785	0	0.0	75.40	0.0	0 LIGHT OIL	0 BBLS	0.00	0	189	0.00
26 HIGGINS	1-4	129	0	0.0	88.92	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
28 INT CITY	1-14	1,186	3	0.4	88.05	0.0	17,000 LIGHT OIL	9 BBLS	5.67	51	2,922	97.40
29 RIO PINAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	65.67	0.0	0 LIGHT OIL	0 BBLS	0.00	0	86	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	3,182 BBLS	5.83	18,538	279,716	0.00
33 SOLAR	19	3,275	23.9	0.00	0.0	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL		2,793,738								23,708,915	98,872,100	3.54

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: May-18

(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 CRYSTAL RIVER	1	376	784	0.3	94.19	41.7	11,656 COAL	396 TONS	23.08	9,138	76,440	9.75
2 CRYSTAL RIVER	2	500	97,018	26.1	98.06	26.6	12,690 COAL	53,383 TONS	23.06	1,231,191	5,020,503	5.17
3 CRYSTAL RIVER	4	732	386,879	71.0	91.61	77.5	10,501 COAL	175,437 TONS	23.16	4,062,616	11,539,315	2.98
4 CRYSTAL RIVER	5	712	370,657	70.0	92.26	76.9	10,558 COAL	168,992 TONS	23.16	3,913,347	11,118,043	3.00
5 ANCLOTE	1	517	120,986	31.5	89.35	35.2	10,954 GAS	1,325,256 MCF	1.00	1,325,256	5,312,310	4.39
6 ANCLOTE	2	521	34,520	8.9	69.92	39.4	11,641 GAS	401,839 MCF	1.00	401,839	2,646,405	7.67
7 AVON PARK	1-2	69	0	0.0	93.39	0.0	0 GAS	0 MCF	0.00	0	0	0.00
8 BARTOW	1-4	228	435	0.3	77.26	19.1	14,110 GAS	6,135 MCF	1.00	6,135	28,271	6.50
9 BARTOW CC	1	1279	612,505	64.4	98.06	65.7	7,808 GAS	4,782,739 MCF	1.00	4,782,739	22,039,585	3.60
10 CITRUS CC	1-2	1586	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
11 DEBARY	1-10	785	5,490	0.9	71.61	9.2	13,080 GAS	71,813 MCF	1.00	71,813	330,926	6.03
12 HIGGINS	1-4	129	140	0.1	88.71	21.6	15,462 GAS	2,157 MCF	1.00	2,157	9,939	7.12
13 HINES CC	1-4	2,204	1,323,604	80.7	97.74	20.7	7,085 GAS	9,377,404 MCF	1.00	9,377,404	42,389,849	3.20
14 NT CITY	1-14	1,186	10,267	1.2	93.07	6.5	12,790 GAS	131,308 MCF	1.00	131,308	605,082	5.89
15 OSPREY CC	1	505	237,230	63.1	94.98	73.6	7,632 GAS	1,810,471 MCF	1.00	1,810,471	8,342,925	3.52
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
19 SUWANNEE CT	1-3	200	3,504	2.4	96.66	25.8	13,335 GAS	46,726 MCF	1.00	46,726	215,318	6.14
20 TIGER BAY CC	1	225	137,840	82.3	95.16	88.9	7,189 GAS	990,948 MCF	1.00	990,948	4,566,440	3.31
21 UNIV OF FLA. CC	1	47	33,758	96.5	97.42	99.1	9,442 GAS	318,758 MCF	1.00	318,758	1,468,885	4.35
22 AVON PARK	1-2	69	0	0.0	93.39	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
23 BARTOW	1-4	228	0	0.0	77.26	0.0	0 LIGHT O L	0 BBLS	0.00	0	36	0.00
24 BAYBORO	1-4	231	0	0.0	94.60	0.0	0 LIGHT O L	0 BBLS	0.00	0	208	0.00
25 DEBARY	1-10	785	4	0.9	71.61	0.0	23,500 LIGHT O L	16 BBLS	5.88	94	1,223	30.58
26 HIGGINS	1-4	129	0	0.0	88.71	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
28 NT CITY	1-14	1,186	0	0.0	93.07	0.0	0 LIGHT O L	0 BBLS	0.00	0	2,366	0.00
29 RIO PINAR	1	16	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	96.66	0.0	0 LIGHT O L	0 BBLS	0.00	0	86	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT O L	2,746 BBLS	5.83	15,999	252,573	0.00
33 SOLAR		19	3,202	22.6	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			3,378,822							28,497,939	115,966,728	3.43

Duke Energy Florida, LLC
 System Net Generation and Fuel Cost
 Estimated for the Period of: Jun-18

(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 CRYSTAL RIVER	1	376	2,633	1.0	87.00	41.2	11,616 COAL	1,320 TONS	23.17	30,586	162,932	6.19
2 CRYSTAL RIVER	2	500	97,205	27.0	98.00	27.5	12,626 COAL	52,983 TONS	23.16	1,227,345	4,994,108	5.14
3 CRYSTAL RIVER	4	732	393,216	74.6	92.67	80.5	10,467 COAL	177,802 TONS	23.15	4,115,716	11,671,404	2.97
4 CRYSTAL RIVER	5	712	392,524	76.6	96.00	80.0	10,526 COAL	178,496 TONS	23.15	4,131,781	11,716,675	2.98
5 ANCLOTE	1	517	130,000	34.9	88.00	39.7	10,841 GAS	1,409,343 MCF	1.00	1,409,343	6,254,001	4.81
6 ANCLOTE	2	521	122,802	32.7	92.00	35.6	11,584 GAS	1,422,549 MCF	1.00	1,422,549	6,292,446	5.12
7 AVON PARK	1-2	69	0	0.0	93.67	0.0	0 GAS	0 MCF	0.00	0	0	0.00
8 BARTOW	1-4	228	693	0.4	78.42	19.0	14,074 GAS	9,749 MCF	1.00	9,749	43,191	6.24
9 BARTOW CC	1	1279	628,123	68.2	95.33	71.6	7,830 GAS	4,917,915 MCF	1.00	4,917,915	21,788,388	3.47
10 CITRUS CC	1-2	1586	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
11 DEBARY	1-10	785	9,285	1.6	82.24	10.0	12,809 GAS	118,930 MCF	1.00	118,930	526,909	5.67
12 HIGG NS	1-4	129	340	0.4	88.58	22.0	15,708 GAS	5,344 MCF	1.00	5,344	23,676	6.96
13 H NES CC	1-4	2,204	1,302,267	82.1	96.50	21.4	7,061 GAS	9,195,767 MCF	1.00	9,195,767	39,938,303	3.07
14 INT CITY	1-14	1,186	16,094	1.9	94.95	6.5	12,761 GAS	205,372 MCF	1.00	205,372	909,882	5.65
15 OSPREY CC	1	505	268,183	73.8	96.94	77.5	7,586 GAS	2,034,384 MCF	1.00	2,034,384	9,013,158	3.36
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
19 SUWANNEE CT	1-3	200	4,181	2.9	97.00	25.8	13,305 GAS	55,625 MCF	1.00	55,625	246,440	5.89
20 TIGER BAY CC	1	225	132,480	81.8	95.67	88.9	7,184 GAS	951,687 MCF	1.00	951,687	4,216,364	3.18
21 UNIV OF FLA. CC	1	47	33,014	97.6	98.33	99.2	9,439 GAS	311,607 MCF	1.00	311,607	1,380,546	4.18
22 AVON PARK	1-2	69	0	0.0	93.67	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
23 BARTOW	1-4	228	0	0.0	78.42	0.0	0 LIGHT OIL	0 BBLS	0.00	0	36	0.00
24 BAYBORO	1-4	231	0	0.0	94.34	0.0	0 LIGHT OIL	0 BBLS	0.00	0	208	0.00
25 DEBARY	1-10	785	0	0.0	82.24	0.0	0 LIGHT OIL	0 BBLS	0.00	0	189	0.00
26 HIGG NS	1-4	129	0	0.0	88.58	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
28 INT CITY	1-14	1,186	24	1.9	94.95	0.0	15,000 LIGHT OIL	62 BBLS	5.81	360	6,278	26.16
29 RIO P NAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	97.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	86	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	2,020 BBLS	5.83	11,770	207,015	0.00
33 SOLAR		19	2,886	21.1	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			3,535,951							30,155,830	119,392,235	3.38

Duke Energy Florida, LLC
 System Net Generation and Fuel Cost
 Estimated for the Period of: Jul-18

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVA L 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 CRYSTAL RIVER	1	376	777	0.3	93.55	51.7	11,483 COAL	384 TONS	23.23	8,922	75,457	9.71
2 CRYSTAL RIVER	2	500	98,895	26.6	95.16	27.9	12,601 COAL	53,630 TONS	23.24	1,246,135	5,068,791	5.13
3 CRYSTAL RIVER	4	732	420,475	77.2	95.16	81.1	10,457 COAL	190,018 TONS	23.14	4,397,081	12,457,110	2.96
4 CRYSTAL RIVER	5	712	391,382	73.9	92.58	80.2	10,522 COAL	177,971 TONS	23.14	4,118,314	11,672,024	2.98
5 ANCLOTE	1	517	134,598	35.0	87.74	39.9	10,835 GAS	1,458,375 MCF	1.00	1,458,375	6,511,118	4.84
6 ANCLOTE	2	521	129,850	33.5	94.84	35.3	11,587 GAS	1,504,632 MCF	1.00	1,504,632	6,647,346	5.12
7 AVON PARK	1-2	69	0	0.0	93.71	0.0	0 GAS	0 MCF	0.00	0	0	0.00
8 BARTOW	1-4	228	302	0.2	79.52	18.9	14,057 GAS	4,241 MCF	1.00	4,241	18,832	6.24
9 BARTOW CC	1	1279	661,284	69.5	96.77	71.8	7,829 GAS	5,176,940 MCF	1.00	5,176,940	22,990,356	3.48
10 CITRUS CC	1-2	1586	96,186	8.2	0.00	25.8	6,672 GAS	641,737 MCF	1.00	641,737	2,849,900	2.96
11 DEBARY	1-10	785	6,702	1.1	84.32	9.9	12,828 GAS	85,966 MCF	1.00	85,966	381,769	5.70
12 HIGGINS	1-4	129	228	0.2	88.31	25.2	15,544 GAS	3,544 MCF	1.00	3,544	15,742	6.90
13 HINES CC	1-4	2,204	1,358,451	82.8	97.82	21.3	7,067 GAS	9,599,879 MCF	1.00	9,599,879	41,793,076	3.08
14 NT CITY	1-14	1,186	10,259	1.2	95.18	6.6	12,768 GAS	130,988 MCF	1.00	130,988	581,708	5.67
15 OSPREY CC	1	505	270,393	72.0	97.15	76.4	7,596 GAS	2,053,950 MCF	1.00	2,053,950	9,121,418	3.37
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
19 SUWANNEE CT	1-3	200	4,514	3.0	95.70	25.9	13,275 GAS	59,918 MCF	1.00	59,918	266,092	5.90
20 TIGER BAY CC	1	225	138,240	82.6	95.48	88.9	7,189 GAS	993,813 MCF	1.00	993,813	4,413,440	3.19
21 UNIV OF FLA. CC	1	47	33,198	94.9	95.81	99.1	9,445 GAS	313,551 MCF	1.00	313,551	1,392,453	4.19
22 AVON PARK	1-2	69	0	0.0	93.71	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
23 BARTOW	1-4	228	0	0.0	79.52	0.0	0 LIGHT O L	0 BBLS	0.00	0	36	0.00
24 BAYBORO	1-4	231	0	0.0	95.08	0.0	0 LIGHT O L	0 BBLS	0.00	0	208	0.00
25 DEBARY	1-10	785	0	0.0	84.32	0.0	0 LIGHT O L	0 BBLS	0.00	0	189	0.00
26 HIGGINS	1-4	129	0	0.0	88.31	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
28 NT CITY	1-14	1,186	60	1.2	95.18	5.1	14,633 LIGHT O L	151 BBLS	5.81	878	11,969	19.95
29 RIO PINAR	1	16	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	95.70	0.0	0 LIGHT O L	0 BBLS		0	86	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT O L	2,285 BBLS	5.83	13,311	224,709	0.00
33 SOLAR		19	2,816	19.9	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			3,758,608							31,812,175	126,493,829	3.37

Duke Energy Florida, LLC
 System Net Generation and Fuel Cost
 Estimated for the Period of: Aug-18

(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 CRYSTAL RIVER	1	376	0	0.0	91.94	0.0	0 COAL	0 TONS	0.00	0	39,431	0.00
2 CRYSTAL RIVER	2	500	97,047	26.1	98.06	26.6	12,692 COAL	52,897 TONS	23.28	1,231,681	5,009,648	5.16
3 CRYSTAL RIVER	4	732	425,511	78.1	97.10	80.5	10,462 COAL	192,425 TONS	23.13	4,451,629	12,601,452	2.96
4 CRYSTAL RIVER	5	712	414,155	78.2	98.71	79.5	10,528 COAL	188,473 TONS	23.13	4,360,190	12,344,124	2.98
5 ANCLOTE	1	517	123,796	32.2	86.13	37.4	10,913 GAS	1,350,949 MCF	1.00	1,350,949	6,091,795	4.92
6 ANCLOTE	2	521	122,716	31.7	94.52	33.5	11,669 GAS	1,431,961 MCF	1.00	1,431,961	6,331,023	5.16
7 AVON PARK	1-2	69	0	0.0	94.36	0.0	0 GAS	0 MCF	0.00	0	0	0.00
8 BARTOW	1-4	228	252	0.1	77.26	18.4	14,076 GAS	3,543 MCF	1.00	3,543	15,815	6.28
9 BARTOW CC	1	1279	613,033	64.4	97.42	66.1	7,813 GAS	4,789,616 MCF	1.00	4,789,616	21,380,690	3.49
10 CITRUS CC	1-2	1586	319,378	27.1	0.00	47.4	6,593 GAS	2,105,658 MCF	1.00	2,105,658	9,399,589	2.94
11 DEBARY	1-10	785	4,076	0.7	84.03	10.0	12,818 GAS	52,246 MCF	1.00	52,246	233,222	5.72
12 HIGGINS	1-4	129	112	0.1	88.47	21.6	15,448 GAS	1,724 MCF	1.00	1,724	7,696	6.90
13 HINES CC	1-4	2,204	1,299,036	79.2	97.02	20.6	7,093 GAS	9,214,517 MCF	1.00	9,214,517	40,291,841	3.10
14 INT CITY	1-14	1,186	6,871	0.8	94.86	6.4	12,782 GAS	87,823 MCF	1.00	87,823	392,037	5.71
15 OSPREY CC	1	505	238,098	63.4	96.51	74.8	7,638 GAS	1,818,589 MCF	1.00	1,818,589	8,118,123	3.41
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
19 SUWANNEE CT	1-3	200	3,202	2.2	96.23	25.8	13,294 GAS	42,569 MCF	1.00	42,569	190,026	5.93
20 TIGER BAY CC	1	225	137,680	82.2	96.13	88.9	7,179 GAS	988,343 MCF	1.00	988,343	4,411,931	3.20
21 UNIV OF FLA. CC	1	47	33,951	97.1	98.06	99.0	9,444 GAS	320,615 MCF	1.00	320,615	1,431,215	4.22
22 AVON PARK	1-2	69	0	0.0	94.36	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
23 BARTOW	1-4	228	0	0.0	77.26	0.0	0 LIGHT O L	0 BBLS	0.00	0	36	0.00
24 BAYBORO	1-4	231	0	0.0	95.57	0.0	0 LIGHT O L	0 BBLS	0.00	0	208	0.00
25 DEBARY	1-10	785	0	0.0	84.03	0.0	0 LIGHT O L	0 BBLS	0.00	0	189	0.00
26 HIGGINS	1-4	129	0	0.0	88.47	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
28 INT CITY	1-14	1,186	0	0.0	94.86	0.0	0 LIGHT O L	0 BBLS	0.00	0	2,366	0.00
29 RIO PINAR	1	16	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	96.23	0.0	0 LIGHT O L	0 BBLS		0	86	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT O L	936 BBLS	5.83	5,458	138,605	0.00
33 SOLAR		19	2,892	20.5	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			3,841,805							32,257,111	128,431,148	3.34

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Sep-18

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVA L 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 CRYSTAL RIVER	1	376	0	0.0	0.0	0.0	0 COAL	0 TONS	0.00	0	39,075	0.00
2 CRYSTAL RIVER	2	500	0	0.0	98.00	0.0	0 COAL	0 TONS	0.00	0	39,075	0.00
3 CRYSTAL RIVER	4	732	394,198	74.8	97.33	76.8	10,507 COAL	179,049 TONS	23.13	4,141,656	11,731,863	2.98
4 CRYSTAL RIVER	5	712	377,445	73.6	97.67	75.5	10,573 COAL	172,520 TONS	23.13	3,990,634	11,306,771	3.00
5 ANCLOTE	1	517	112,337	30.2	91.33	33.0	11,024 GAS	1,238,436 MCF	1.00	1,238,436	5,473,130	4.87
6 ANCLOTE	2	521	99,324	26.5	94.00	28.2	12,004 GAS	1,192,235 MCF	1.00	1,192,235	5,338,040	5.37
7 AVON PARK	1-2	69	0	0.0	93.84	0.0	0 GAS	0 MCF	0.00	0	0	0.00
8 BARTOW	1-4	228	294	0.2	79.59	18.4	14,063 GAS	4,133 MCF	1.00	4,133	18,383	6.25
9 BARTOW CC	1	1279	543,492	59.0	96.33	61.2	7,790 GAS	4,233,982 MCF	1.00	4,233,982	18,831,958	3.46
10 CITRUS CC	1-2	1586	557,573	48.8	48.00	50.9	6,518 GAS	3,634,041 MCF	1.00	3,634,041	16,163,533	2.90
11 DEBARY	1-10	785	4,465	0.8	85.17	9.5	13,011 GAS	58,092 MCF	1.00	58,092	258,382	5.79
12 HIGGS NS	1-4	129	404	0.4	88.92	22.4	15,512 GAS	6,267 MCF	1.00	6,267	27,873	6.90
13 HIGGS CC	1-4	2,204	1,147,239	72.3	90.13	20.2	7,094 GAS	8,138,329 MCF	1.00	8,138,329	35,391,442	3.08
14 INT CITY	1-14	1,186	5,683	0.7	89.52	6.4	12,832 GAS	72,926 MCF	1.00	72,926	324,363	5.71
15 OSPREY CC	1	505	232,830	64.0	97.20	72.5	7,644 GAS	1,779,806 MCF	1.00	1,779,806	7,916,244	3.40
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
19 SUWANNEE CT	1-3	200	3,662	2.5	95.89	26.2	13,296 GAS	48,691 MCF	1.00	48,691	216,569	5.91
20 TIGER BAY CC	1	225	124,760	77.0	92.67	88.9	7,201 GAS	898,442 MCF	1.00	898,442	3,996,103	3.20
21 UNIV OF FLA. CC	1	47	32,059	94.7	95.67	99.0	9,447 GAS	302,859 MCF	1.00	302,859	1,347,059	4.20
22 AVON PARK	1-2	69	0	0.0	93.84	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
23 BARTOW	1-4	228	0	0.0	79.59	0.0	0 LIGHT OIL	0 BBLS	0.00	0	36	0.00
24 BAYBORO	1-4	231	0	0.0	94.75	0.0	0 LIGHT OIL	0 BBLS	0.00	0	208	0.00
25 DEBARY	1-10	785	4	0.8	85.17	0.0	23,500 LIGHT OIL	16 BBLS	5.88	94	1,242	31.05
26 HIGGS NS	1-4	129	0	0.0	88.92	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
28 INT CITY	1-14	1,186	18	0.7	89.52	0.0	15,333 LIGHT OIL	47 BBLS	5.87	276	5,415	30.08
29 RIO PINAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	95.89	0.0	0 LIGHT OIL	0 BBLS	0.00	0	86	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	787 BBLS	5.83	4,585	129,215	0.00
33 SOLAR		19	2,731	20.0	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			3,638,517							29,745,484	118,556,065	3.26

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Oct-18

(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 CRYSTAL RIVER	1	376	0	0.0	0.00	0.0	0 COAL	0 TONS	0.00	0	39,075	0.00
2 CRYSTAL RIVER	2	500	0	0.0	100.00	0.0	0 COAL	0 TONS	0.00	0	39,075	0.00
3 CRYSTAL RIVER	4	732	371,089	68.1	94.19	72.3	10,561 COAL	169,431 TONS	23.13	3,918,979	11,110,250	2.99
4 CRYSTAL RIVER	5	712	351,049	66.3	95.48	70.4	10,634 COAL	161,395 TONS	23.13	3,733,100	10,586,383	3.02
5 ANCLOTE	1	517	94,323	24.5	96.77	25.3	11,357 GAS	1,071,226 MCF	1.00	1,071,226	4,085,659	4.33
6 ANCLOTE	2	521	3,849	1.0	92.58	33.6	11,796 GAS	45,402 MCF	1.00	45,402	1,085,124	28.19
7 AVON PARK	1-2	69	0	0.0	92.58	0.0	0 GAS	0 MCF	0.00	0	0	0.00
8 BARTOW	1-4	228	166	0.1	79.27	18.2	14,509 GAS	2,407 MCF	1.00	2,407	11,145	6.72
9 BARTOW CC	1	1279	489,435	51.4	95.81	53.7	7,699 GAS	3,768,370 MCF	1.00	3,768,370	17,450,237	3.57
10 CITRUS CC	1-2	1586	820,102	69.5	48.39	43.9	6,556 GAS	5,376,614 MCF	1.00	5,376,614	24,897,555	3.04
11 DEBARY	1-10	785	3,738	0.6	84.74	9.5	13,001 GAS	48,595 MCF	1.00	48,595	225,030	6.02
12 HIGGINS	1-4	129	110	0.1	88.63	21.3	16,479 GAS	1,811 MCF	1.00	1,811	8,386	7.63
13 HINES CC	1-4	2,204	801,632	48.9	67.51	18.7	7,152 GAS	5,733,397 MCF	1.00	5,733,397	25,716,224	3.21
14 NT CITY	1-14	1,186	3,880	0.4	84.03	6.4	12,854 GAS	49,876 MCF	1.00	49,876	230,963	5.95
15 OSPREY CC	1	505	131,154	34.9	98.06	74.6	7,815 GAS	1,025,008 MCF	1.00	1,025,008	4,746,517	3.62
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
19 SUWANNEE CT	1-3	200	3,289	2.2	87.15	25.7	13,293 GAS	43,725 MCF	1.00	43,725	202,478	6.16
20 TIGER BAY CC	1	225	107,073	64.0	95.48	88.9	7,200 GAS	770,910 MCF	1.00	770,910	3,569,861	3.33
21 UNIV OF FLA. CC	1	47	18,265	52.2	51.31	98.6	9,461 GAS	172,797 MCF	1.00	172,797	800,175	4.38
22 AVON PARK	1-2	69	0	0.0	92.58	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
23 BARTOW	1-4	228	0	0.0	79.27	0.0	0 LIGHT O L	0 BBLS	0.00	0	36	0.00
24 BAYBORO	1-4	231	0	0.0	94.92	0.0	0 LIGHT O L	0 BBLS	0.00	0	208	0.00
25 DEBARY	1-10	785	0	0.0	84.74	0.0	0 LIGHT O L	0 BBLS	0.00	0	189	0.00
26 HIGGINS	1-4	129	0	0.0	88.63	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
28 NT CITY	1-14	1,186	3	0.4	84.03	0.0	16,000 LIGHT O L	8 BBLS	6.00	48	2,896	96.53
29 RIO PINAR	1	16	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	87.15	0.0	0 LIGHT O L	0 BBLS	0.00	0	86	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT O L	1,925 BBLS	5.82	11,211	190,865	0.00
33 SOLAR	19	2,997	21.2	0.00	0.0	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL		3,202,154								25,773,476	104,998,417	3.28

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Nov-18

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVA L 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 CRYSTAL RIVER	1	376	0	0.0	0 00	0.0	0 COAL	0 TONS	0.00	0	39,075	0 00
2 CRYSTAL RIVER	2	500	0	0.0	100 00	0.0	0 COAL	0 TONS	0.00	0	39,075	0 00
3 CRYSTAL RIVER	4	732	337,184	64.0	91 33	72.9	10,529 COAL	153,485 TONS	23.13	3,550,171	10,123,958	3 00
4 CRYSTAL RIVER	5	712	343,345	67.0	98 00	68.7	10,627 COAL	157,750 TONS	23.13	3,648,820	10,402,382	3 03
5 ANCLOTE	1	517	6,675	1.8	6 67	26.9	11,235 GAS	74,987 MCF	1.00	74,987	442,609	6 63
6 ANCLOTE	2	521	12,212	3.3	97 67	34.5	11,823 GAS	144,381 MCF	1.00	144,381	649,195	5 32
7 AVON PARK	1-2	69	0	0.0	94 33	0.0	0 GAS	0 MCF	0.00	0	0	0 00
8 BARTOW	1-4	228	153	0.1	78 84	44.1	14,021 GAS	2,141 MCF	1.00	2,141	10,656	6 98
9 BARTOW CC	1	1279	484,818	52.6	98 00	53.7	7,674 GAS	3,720,573 MCF	1.00	3,720,573	18,517,453	3 82
10 CITRUS CC	1-2	1586	407,082	35.6	6 67	49.6	6,589 GAS	2,682,182 MCF	1.00	2,682,182	13,349,338	3 28
11 DEBARY	1-10	785	1,856	0.3	84 80	5.3	15,284 GAS	28,368 MCF	1.00	28,368	141,187	7 61
12 HIGGINS	1-4	129	16	0.0	89 67	88.4	31,235 GAS	506 MCF	1.00	506	2,517	15 54
13 HINES CC	1-4	2,204	869,987	54.8	84 64	18.5	7,208 GAS	6,270,691 MCF	1.00	6,270,691	30,388,566	3 49
14 NT CITY	1-14	1,186	1,979	0.2	82 31	6.0	13,188 GAS	26,099 MCF	1.00	26,099	129,895	6 56
15 OSPREY CC	1	505	92,746	25.5	96 92	74.1	7,767 GAS	720,370 MCF	1.00	720,370	3,585,313	3 87
16 SUWANNEE STEAM	1	67	0	0.0	0 00	0.0	0 GAS	0 MCF	0.00	0	0	0 00
17 SUWANNEE STEAM	2	66	0	0.0	0 00	0.0	0 GAS	0 MCF	0.00	0	0	0 00
18 SUWANNEE STEAM	3	67	0	0.0	0 00	0.0	0 GAS	0 MCF	0.00	0	0	0 00
19 SUWANNEE CT	1-3	200	1,280	0.9	77 67	20.6	14,478 GAS	18,532 MCF	1.00	18,532	92,233	7 21
20 TIGER BAY CC	1	225	112,320	69.3	97 00	88.8	7,216 GAS	810,520 MCF	1.00	810,520	4,033,993	3 59
21 UNIV OF FLA. CC	1	47	32,447	95.9	97 33	98.5	9,454 GAS	306,758 MCF	1.00	306,758	1,526,747	4 71
22 AVON PARK	1-2	69	0	0.0	94 33	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0 00
23 BARTOW	1-4	228	0	0.0	78 84	0.0	0 LIGHT OIL	0 BBLS	0.00	0	36	0 00
24 BAYBORO	1-4	231	3	0.0	95 50	0.0	16,333 LIGHT OIL	8 BBLS	6.13	49	739	24 63
25 DEBARY	1-10	785	4	0.3	84 80	0.0	23,500 LIGHT OIL	16 BBLS	5.88	94	1,234	30 85
26 HIGGINS	1-4	129	0	0.0	89 67	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0 00
27 OTHER		0	0	0.0	0 00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0 00
28 NT CITY	1-14	1,186	24	0.2	82 31	0.0	15,208 LIGHT OIL	63 BBLS	5.79	365	6,368	26 53
29 RIO PINAR	1	16	0	0.0	0 00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0 00
30 SUWANNEE	1-3	200	0	0.0	77 67	0.0	0 LIGHT OIL	0 BBLS	0.00	0	86	0 00
31 TURNER	1-4	199	0	0.0	0 00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0 00
32 OTHER & START UP		-	0	-	0 00	0.0	0 LIGHT OIL	1,340 BBLS	5.83	7,807	152,887	0 00
33 SOLAR		19	2,600		0 00	0.0	0 SOLAR	0 N/A		0	0	0 00
34 TOTAL			2,706,730							22,013,414	93,635,542	3 46

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Dec-18

(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 CRYSTAL RIVER	1	376	0	0.0	0.00	0.0	0 COAL	0 TONS	0.00	0	39,075	0.00
2 CRYSTAL RIVER	2	500	0	0.0	0.00	0.0	0 COAL	0 TONS	0.00	0	39,075	0.00
3 CRYSTAL RIVER	4	732	173,787	31.9	92.58	59.1	10,583 COAL	79,495 TONS	23.14	1,839,161	5,314,912	3.06
4 CRYSTAL RIVER	5	712	299,853	56.6	94.19	65.9	10,422 COAL	135,069 TONS	23.14	3,124,920	8,957,844	2.99
5 ANCLOTE	1	517	54,303	14.1	73.49	18.8	11,978 GAS	650,413 MCF	1.00	650,413	2,619,036	4.82
6 ANCLOTE	2	521	0	0.0	99.03	0.0	0 GAS	0 MCF	0.00	0	600,155	0.00
7 AVON PARK	1-2	69	0	0.0	91.94	0.0	0 GAS	0 MCF	0.00	0	0	0.00
8 BARTOW	1-4	228	136	0.1	79.03	14.9	15,645 GAS	2,123 MCF	1.00	2,123	10,507	7.74
9 BARTOW CC	1	1279	393,976	41.4	94.19	43.9	7,299 GAS	2,875,555 MCF	1.00	2,875,555	14,232,436	3.61
10 CITRUS CC	1-2	1586	1,181,431	100.1	97.74	51.3	6,495 GAS	7,673,726 MCF	1.00	7,673,726	37,980,780	3.21
11 DEBARY	1-10	785	465	0.1	84.32	8.5	13,267 GAS	6,165 MCF	1.00	6,165	30,512	6.57
12 HIGGINS	1-4	129	50	0.1	89.60	19.3	15,301 GAS	762 MCF	1.00	762	3,771	7.57
13 HINES CC	1-4	2,204	694,047	42.3	97.74	20.5	7,033 GAS	4,881,504 MCF	1.00	4,881,504	23,276,302	3.35
14 INT CITY	1-14	1,186	462	0.1	90.60	6.6	13,010 GAS	6,013 MCF	1.00	6,013	29,754	6.44
15 OSPREY CC	1	505	8,496	2.3	96.02	84.1	8,220 GAS	69,833 MCF	1.00	69,833	345,636	4.07
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
19 SUWANNEE CT	1-3	200	999	0.7	96.78	22.7	14,149 GAS	14,128 MCF	1.00	14,128	69,927	7.00
20 TIGER BAY CC	1	225	39,854	23.8	94.84	102.4	7,317 GAS	291,617 MCF	1.00	291,617	1,443,344	3.62
21 UNIV OF FLA. CC	1	47	34,790	99.5	97.42	102.1	9,428 GAS	328,004 MCF	1.00	328,004	1,623,441	4.67
22 AVON PARK	1-2	69	1	0.0	91.94	0.0	62,000 LIGHT OIL	11 BBLS	5.64	62	682	68.20
23 BARTOW	1-4	228	0	0.0	79.03	0.0	0 LIGHT OIL	0 BBLS	0.00	0	36	0.00
24 BAYBORO	1-4	231	0	0.0	94.19	0.0	0 LIGHT OIL	0 BBLS	0.00	0	208	0.00
25 DEBARY	1-10	785	0	0.0	84.32	0.0	0 LIGHT OIL	0 BBLS	0.00	0	189	0.00
26 HIGGINS	1-4	129	0	0.0	89.60	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
28 INT CITY	1-14	1,186	6	0.1	90.60	0.0	17,000 LIGHT OIL	18 BBLS	5.67	102	3,487	58.12
29 RIO PINAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	96.78	0.0	0 LIGHT OIL	0 BBLS	0.00	0	86	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	2,362 BBLS	5.82	13,757	218,199	0.00
33 SOLAR	19	5,260	37.2	0.00	0.0	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			2,887,914							21,777,845	96,839,394	3.35

Duke Energy Florida, LLC
Inventory Analysis
Estimated for the Period of : January through December 2018

HEAVY OIL		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	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	0
11	UNIT COST \$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	AMOUNT \$	0	0	0	0	0	0	0
LIGHT OIL								
13	PURCHASES:							
14	UNITS BBL	3,323	2,582	2,602	3,191	2,762	2,082	16,542
15	UNIT COST \$/BBL	86.85	94.58	94.41	88.74	92.86	102.70	92.61
16	AMOUNT \$	288,618	244,196	245,658	283,157	256,492	213,812	1,531,933
17	BURNED:							
18	UNITS BBL	3,323	2,582	2,602	3,191	2,762	2,082	16,542
19	UNIT COST \$/BBL	86.85	94.58	94.41	88.74	92.86	102.70	92.61
20	AMOUNT \$	288,618	244,196	245,658	283,157	256,492	213,812	1,531,933
21	ENDING INVENTORY:							
22	UNITS BBL	907,649	907,649	907,649	907,649	907,649	907,649	907,649
23	UNIT COST \$/BBL	111.22	111.22	111.22	111.22	111.22	111.22	111.22
24	AMOUNT \$	100,950,380	100,950,380	100,950,380	100,950,380	100,950,380	100,950,380	100,950,380
COAL								
25	PURCHASES:							
26	UNITS TON	393,402	335,158	344,891	357,452	398,208	410,601	2,239,712
27	UNIT COST \$/TON	66.87	67.63	73.61	70.19	69.70	69.52	69.54
28	AMOUNT \$	26,305,549	22,667,105	25,386,689	25,089,658	27,754,301	28,545,119	155,748,421
29	BURNED:							
30	UNITS TON	393,402	335,158	344,891	357,452	398,208	410,601	2,239,712
31	UNIT COST \$/TON	66.87	67.63	73.61	70.19	69.70	69.52	69.54
32	AMOUNT \$	26,305,549	22,667,105	25,386,689	25,089,658	27,754,301	28,545,119	155,748,421
33	ENDING INVENTORY:							
34	UNITS TON	826,945	826,945	826,945	826,945	826,945	826,945	826,945
35	UNIT COST \$/TON	66.87	67.63	73.61	70.19	69.70	69.52	69.52
36	AMOUNT \$	55,295,166	55,927,200	60,869,685	58,043,518	57,636,413	57,489,464	57,489,464
GAS								
37	BURNED:							
38	UNITS MCF	14,938,181	13,150,067	14,308,985	15,421,635	19,265,554	20,638,272	97,722,694
39	UNIT COST \$/MCF	5.36	5.47	5.32	4.77	4.57	4.39	4.91
40	AMOUNT \$	80,035,097	71,884,250	76,120,494	73,499,285	87,955,935	90,633,304	480,128,365
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, LLC
Inventory Analysis
Estimated for the Period of : January through December 2018

		Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
HEAVY OIL								
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	0
11	UNIT COST \$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	AMOUNT \$	0	0	0	0	0	0	0
LIGHT OIL								
13	PURCHASES:							
14	UNITS BBL	2,436	936	850	1,933	1,427	2,391	26,515
15	UNIT COST \$/BBL	97.37	151.16	160.24	100.51	113.07	93.22	99.01
16	AMOUNT \$	237,197	141,490	136,202	194,280	161,350	222,887	2,625,339
17	BURNED:							
18	UNITS BBL	2,436	936	850	1,933	1,427	2,391	26,515
19	UNIT COST \$/BBL	97.37	151.16	160.24	100.51	113.07	93.22	99.01
20	AMOUNT \$	237,197	141,490	136,202	194,280	161,350	222,887	2,625,339
21	ENDING INVENTORY:							
22	UNITS BBL	907,649	907,649	907,649	907,649	907,649	907,649	907,649
23	UNIT COST \$/BBL	111.22	111.22	111.22	111.22	111.22	111.22	111.22
24	AMOUNT \$	100,950,380	100,950,380	100,950,380	100,950,380	100,950,380	100,950,380	100,950,380
COAL								
25	PURCHASES:							
26	UNITS TON	422,003	433,795	351,569	330,826	311,235	214,564	4,303,704
27	UNIT COST \$/TON	69.37	69.14	65.75	65.82	66.20	66.88	68.51
28	AMOUNT \$	29,273,382	29,994,655	23,116,784	21,774,783	20,604,490	14,350,906	294,863,421
29	BURNED:							
30	UNITS TON	422,003	433,795	351,569	330,826	311,235	214,564	4,303,704
31	UNIT COST \$/TON	69.37	69.14	65.75	65.82	66.20	66.88	68.51
32	AMOUNT \$	29,273,382	29,994,655	23,116,784	21,774,783	20,604,490	14,350,906	294,863,421
33	ENDING INVENTORY:							
34	UNITS TON	826,945	826,945	826,945	826,945	826,945	826,945	826,945
35	UNIT COST \$/TON	69.37	69.14	65.75	65.82	66.20	66.88	68.51
36	AMOUNT \$	57,363,273	57,178,947	54,374,280	54,429,024	54,745,744	55,309,389	54,374,280
GAS								
37	BURNED:							
38	UNITS MCF	22,027,534	22,208,153	21,608,239	18,110,138	14,806,108	16,799,843	213,282,709
39	UNIT COST \$/MCF	4.40	4.43	4.41	4.58	4.92	4.90	4.73
40	AMOUNT \$	96,983,250	98,295,003	95,303,079	83,029,354	72,869,702	82,265,601	1,008,874,354
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, LLC
Fuel Cost of Power Sold
Estimated for the Period of : January through December 2018

(1) MONTH	(2) SOLD TO	(3) TYPE & SCHED	(4) TOTAL MWH SOLD	(5) MWH WHEELED FROM OTHER SYSTEMS	(6) MWH FROM OWN GENERATION	(7) C/KWH		(8) TOTAL \$ FOR FUEL ADJ (6) x (7)(A)	(9) TOTAL COST \$ (6) x (7)(B)	(10) REFUNDABLE GAIN ON POWER SALES \$
						(A) FUEL COST	(B) TOTAL COST			
Jan-18	ECONSALE	--	11,578		11,578	4.162	5.164	481,858	597,877	116,019
	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	--	98,716		98,716	1.599	1.599	1,578,077	1,578,077	0
	TOTAL		110,294		110,294	1.868	1.973	2,059,935	2,175,954	116,019
Feb-18	ECONSALE	--	8,621		8,621	3.512	4.357	302,740	375,632	72,892
	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	--	70,607		70,607	1.389	1.389	980,672	980,672	0
	TOTAL		79,228		79,228	1.620	1.712	1,283,412	1,356,304	72,892
Mar-18	ECONSALE	--	1,397		1,397	3.803	4.718	53,111	65,898	12,787
	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	--	105,388		105,388	1.655	1.655	1,744,660	1,744,660	0
	TOTAL		106,785		106,785	1.684	1.696	1,797,771	1,810,558	12,787
Apr-18	ECONSALE	--	9,700		9,700	3.781	4.692	366,759	455,065	88,306
	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	--	117,871		117,871	1.578	1.578	1,859,815	1,859,815	0
	TOTAL		127,571		127,571	1.745	1.815	2,226,574	2,314,880	88,306
May-18	ECONSALE	--	7,911		7,911	3.903	4.842	308,745	383,082	74,337
	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	--	133,365		133,365	1.625	1.625	2,166,954	2,166,954	0
	TOTAL		141,276		141,276	1.752	1.805	2,475,699	2,550,036	74,337
Jun-18	ECONSALE	--	6,009		6,009	4.026	4.995	241,913	300,159	58,246
	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	--	134,814		134,814	1.672	1.672	2,253,954	2,253,954	0
	TOTAL		140,823		140,823	1.772	1.814	2,495,867	2,554,113	58,246

Duke Energy Florida, LLC
Fuel Cost of Power Sold
Estimated for the Period of : January through December 2018

(1) MONTH	(2) SOLD TO	(3) TYPE & SCHED	(4) TOTAL MWH SOLD	(5) MWH WHEELED FROM OTHER SYSTEMS	(6) MWH FROM OWN GENERATION	(7) C/KWH		(8) TOTAL \$ FOR FUEL ADJ (6) x (7)(A)	(9) TOTAL COST \$ (6) x (7)(B)	(10) REFUNDABLE GAIN ON POWER SALES \$
						(A) FUEL COST	(B) TOTAL COST			
Jul-18	ECONSALE	--	7,764		7,764	3.732	4.631	289,749	359,512	69,763
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	144,332		144,332	1.719	1.719	2,481,565	2,481,565	0
	TOTAL		152,096		152,096	1.822	1.868	2,771,314	2,841,077	69,763
Aug-18	ECONSALE	--	14,043		14,043	4.485	5.565	629,894	781,555	151,661
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	144,172		144,172	1.731	1.731	2,495,298	2,495,298	0
	TOTAL		158,215		158,215	1.975	2.071	3,125,192	3,276,853	151,661
Sep-18	ECONSALE	--	6,702		6,702	3.903	4.843	261,602	324,589	62,987
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	129,032		129,032	1.638	1.638	2,113,806	2,113,806	0
	TOTAL		135,734		135,734	1.750	1.796	2,375,408	2,438,395	62,987
Oct-18	ECONSALE	--	7,611		7,611	3.294	4.087	250,723	311,091	60,368
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	112,267		112,267	1.514	1.514	1,699,577	1,699,577	0
	TOTAL		119,878		119,878	1.627	1.677	1,950,300	2,010,668	60,368
Nov-18	ECONSALE	--	14,256		14,256	3.514	4.360	500,934	621,547	120,613
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	78,454		78,454	1.253	1.253	983,014	983,014	0
	TOTAL		92,710		92,710	1.601	1.731	1,483,948	1,604,561	120,613
Dec-18	ECONSALE	--	13,286		13,286	2.987	3.706	396,793	492,330	95,537
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	95,861		95,861	1.452	1.452	1,391,844	1,391,844	0
	TOTAL		109,147		109,147	1.639	1.726	1,788,637	1,884,174	95,537
Jan-18	ECONSALE	--	108,878		108,878	3.752	4.655	4,084,821	5,068,337	983,516
THRU	ECONOMY	C	0		0	0.000	0.000	0	0	0
Dec-18	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	1,364,879		1,364,879	1.593	1.593	21,749,236	21,749,236	0
	TOTAL		1,473,757		1,473,757	1.753	1.820	25,834,057	26,817,573	983,516

Duke Energy Florida, LLC
Purchased Power
(Exclusive of Economy & QF Purchases)
Estimated for the Period of : January through December 2018

(1) MONTH	(2) NAME OF PURCHASE	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR OTHER UTILITIES	(6) MWH FOR INTERRUPTIBLE	(7) MWH FOR FIRM	(8) C/KWH		(9) TOTAL \$ FOR FUEL ADJ (7) x (8)(B)
							(A) FUEL COST	(B) TOTAL COST	
Jan-18	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	4,507			4,507	6.716	6.716	302,709
	SOCO Franklin	--	41,719			41,719	3.510	3.510	1,464,165
	Vandolah (NSG)	--	12,515			12,515	6.406	6.406	801,701
	TOTAL			58,741	0	0	58,741	4.373	4.373
Feb-18	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	0			0	0.000	0.000	834
	SOCO Franklin	--	23,293			23,293	3.507	3.507	816,773
	Vandolah (NSG)	--	669			669	13.702	13.702	91,694
	TOTAL			23,962	0	0	23,962	3.795	3.795
Mar-18	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	10,966			10,966	6.085	6.085	667,257
	SOCO Franklin	--	166,466			166,466	3.249	3.249	5,407,813
	Vandolah (NSG)	--	53,863			53,863	6.185	6.185	3,331,233
	TOTAL			231,296	0	0	231,296	4.067	4.067
Apr-18	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	2,471			2,471	5.666	5.666	139,980
	SOCO Franklin	--	74,605			74,605	3.034	3.034	2,263,765
	Vandolah (NSG)	--	47,563			47,563	5.886	5.886	2,799,375
	TOTAL			124,639	0	0	124,639	4.175	4.175
May-18	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	6,774			6,774	5.275	5.275	357,329
	SOCO Franklin	--	93,634			93,634	3.008	3.008	2,816,299
	Vandolah (NSG)	--	70,211			70,211	5.729	5.729	4,022,513
	TOTAL			170,619	0	0	170,619	4.218	4.218
Jun-18	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	32,439			32,439	4.920	4.920	1,596,001
	SOCO Franklin	--	128,643			128,643	2.984	2.984	3,838,679
	Vandolah (NSG)	--	96,466			96,466	5.388	5.388	5,198,008
	TOTAL			257,548	0	0	257,548	4.128	4.128
Jan-18 THRU Jun-18	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	57,156			57,156	5.361	5.361	3,064,110
	SOCO Franklin	--	528,361			528,361	3.143	3.143	16,607,494
	Vandolah (NSG)	--	281,288			281,288	5.775	5.775	16,244,524
	TOTAL		866,805	0	0	866,805	4.144	4.144	35,916,128

Duke Energy Florida, LLC
Purchased Power
(Exclusive of Economy & QF Purchases)
Estimated for the Period of : January through December 2018

(1) MONTH	(2) NAME OF PURCHASE	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR OTHER UTILITIES	(6) MWH FOR INTERRUPTIBLE	(7) MWH FOR FIRM	(8) C/KWH		(9) TOTAL \$ FOR FUEL ADJ (7) x (8)(B)
							(A) FUEL COST	(B) TOTAL COST	
Jul-18	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	17,893			17,893	4.958	4.958	887,215
	SOCO Franklin	--	133,711			133,711	3.012	3.012	4,027,796
	Vandolah (NSG)	--	82,146			82,146	5.463	5.463	4,487,601
	TOTAL		233,749	0	0	233,749	4.023	4.023	9,402,612
Aug-18	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	5,230			5,230	5.368	5.368	280,713
	SOCO Franklin	--	113,326			113,326	3.044	3.044	3,449,751
	Vandolah (NSG)	--	55,944			55,944	5.551	5.551	3,105,518
	TOTAL		174,500	0	0	174,500	3.917	3.917	6,835,982
Sep-18	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	752			752	6.137	6.137	46,150
	SOCO Franklin	--	83,748			83,748	3.089	3.089	2,586,658
	Vandolah (NSG)	--	30,609			30,609	5.729	5.729	1,753,495
	TOTAL		115,109	0	0	115,109	3.811	3.811	4,386,303
Oct-18	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	0			0	0.000	0.000	834
	SOCO Franklin	--	60,900			60,900	3.108	3.108	1,893,041
	Vandolah (NSG)	--	25,925			25,925	5.969	5.969	1,547,442
	TOTAL		86,824	0	0	86,824	3.964	3.964	3,441,317
Nov-18	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	840			840	5.950	5.950	49,955
	SOCO Franklin	--	20,374			20,374	3.274	3.274	667,097
	Vandolah (NSG)	--	17,595			17,595	6.348	6.348	1,116,944
	TOTAL		38,809	0	0	38,809	4.726	4.726	1,833,996
Dec-18	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	0			0	0.000	0.000	834
	SOCO Franklin	--	6,954			6,954	3.604	3.604	250,617
	Vandolah (NSG)	--	0			0	0.000	0.000	41,752
	TOTAL		6,954	0	0	6,954	4.217	4.217	293,203
Jan-18	OTHER	--	0			0	0.000	0.000	0
THRU	SHADY HILLS	--	81,871			81,871	5.289	5.289	4,329,811
Dec-18	SOCO Franklin	--	947,373			947,373	3.112	3.112	29,482,454
	Vandolah (NSG)	--	493,506			493,506	5.734	5.734	28,297,276
TOTAL			1,522,750	0	0	1,522,750	4.079	4.079	62,109,541

Duke Energy Florida, LLC
Energy Payments to Qualifying Facilities
Estimated for the Period of : January through December 2018

(1) MONTH	(2) NAME OF PURCHASE	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR OTHER UTILITIES	(6) MWH FOR INTERRUPTIBLE	(7) MWH FOR FIRM	(8) C/KWH		(9) TOTAL \$ FOR FUEL ADJ (7) x (8)(A)
							(A) ENERGY COST	(B) TOTAL COST	
Jan-18	QUAL. FACILITIES	COGEN	310,589			310,589	4.384	12.508	13,616,143
Feb-18	QUAL. FACILITIES	COGEN	280,814			280,814	4.383	13.369	12,308,920
Mar-18	QUAL. FACILITIES	COGEN	269,839			269,839	4.667	14.018	12,592,884
Apr-18	QUAL. FACILITIES	COGEN	269,121			269,121	4.501	13.876	12,112,794
May-18	QUAL. FACILITIES	COGEN	312,603			312,603	4.425	12.497	13,834,004
Jun-18	QUAL. FACILITIES	COGEN	322,085			322,085	4.399	12.233	14,167,384
Jul-18	QUAL. FACILITIES	COGEN	330,089			330,089	4.411	12.055	14,560,967
Aug-18	QUAL. FACILITIES	COGEN	331,410			331,410	4.389	12.003	14,546,596
Sep-18	QUAL. FACILITIES	COGEN	315,199			315,199	4.388	12.393	13,830,949
Oct-18	QUAL. FACILITIES	COGEN	278,460			278,460	4.343	13.404	12,093,665
Nov-18	QUAL. FACILITIES	COGEN	288,867			288,867	4.102	12.837	11,849,985
Dec-18	QUAL. FACILITIES	COGEN	336,167			336,167	4.227	11.733	14,210,657
TOTAL	QUAL. FACILITIES	COGEN	3,645,241			3,645,241	4.382	12.688	159,724,948

Duke Energy Florida, LLC
Economy Energy Purchases
Estimated for the Period of : January through December 2018

(1) MONTH	(2) PURCHASE	(3) TYPE & SCHED	(4) TOTAL MWH PURCHASED	(5) TRANSACTION COST		(7) TOTAL \$ FOR FUEL ADJ (4) x (5)	(8) COST IF GENERATED		(9) FUEL SAVINGS (8)(B) - (7)
				ENERGY COST C/KWH	TOTAL COST C/KWH		(A) C/KWH	(B) \$	
Jan-18	ECONPURCH	--	2,950	4.240	4.240	125,077	5.417	159,778	34,701
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			2,950	4.240	4.240	125,077	5.417	159,778	34,701
Feb-18	ECONPURCH	--	2,474	4.392	4.392	108,678	5.611	138,828	30,150
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			2,474	4.392	4.392	108,678	5.611	138,828	30,150
Mar-18	ECONPURCH	--	5,384	4.396	4.396	236,699	5.616	302,354	65,655
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			5,384	4.396	4.396	236,699	5.616	302,354	65,655
Apr-18	ECONPURCH	--	2,050	4.951	4.951	101,474	6.324	129,620	28,146
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			2,050	4.951	4.951	101,474	6.324	129,620	28,146
May-18	ECONPURCH	--	1,948	5.185	5.185	101,006	6.623	129,024	28,018
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			1,948	5.185	5.185	101,006	6.623	129,024	28,018
Jun-18	ECONPURCH	--	1,876	5.941	5.941	111,435	7.589	142,337	30,902
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			1,876	5.941	5.941	111,435	7.589	142,337	30,902
Jan-18 THRU Jun-18	ECONPURCH	--	16,681	4.702	4.702	784,369	6.01	1,001,941	217,572
	SEPA	--	0	0.000	0.000	0	-	0	-
TOTAL			16,681	4.702	4.702	784,369	6.006	1,001,941	217,572

Duke Energy Florida, LLC
Economy Energy Purchases
Estimated for the Period of : January through December 2018

(1) MONTH	(2) PURCHASE	(3) TYPE & SCHED	(4) TOTAL MWH PURCHASED	(5) TRANSACTION COST		(6) TOTAL \$ FOR FUEL ADJ (4) x (5)	(8) COST IF GENERATED		(9) FUEL SAVINGS (8)(B) - (7)
				(5) ENERGY COST C/KWH	(6) TOTAL COST C/KWH		(A) C/KWH	(B) \$	
Jul-18	ECONPURCH	--	2,371	6.565	6.565	155,677	8.385	198,849	43,172
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			2,371	6.565	6.565	155,677	8.385	198,849	43,172
Aug-18	ECONPURCH	--	1,335	5.277	5.277	70,424	6.742	89,966	19,542
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			1,335	5.277	5.277	70,424	6.742	89,966	19,542
Sep-18	ECONPURCH	--	2,619	4.994	4.994	130,775	6.379	167,043	36,268
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			2,619	4.994	4.994	130,775	6.379	167,043	36,268
Oct-18	ECONPURCH	--	3,180	4.719	4.719	150,082	6.028	191,713	41,631
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			3,180	4.719	4.719	150,082	6.028	191,713	41,631
Nov-18	ECONPURCH	--	4,798	4.064	4.064	194,991	5.191	249,072	54,081
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			4,798	4.064	4.064	194,991	5.191	249,072	54,081
Dec-18	ECONPURCH	--	1,888	3.687	3.687	69,612	4.710	88,916	19,304
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			1,888	3.687	3.687	69,612	4.710	88,916	19,304
Jan-18 THRU Dec-18	ECONPURCH	--	32,872	4.733	4.733	1,555,930	6.046	1,987,500	431,570
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			32,872	4.733	4.733	1,555,930	6.046	1,987,500	431,570

Duke Energy Florida, LLC
Fuel and Purchased Power Cost Recovery Clause
Residential Bill Comparison
Estimated for the Period of : January 2018

	Current	Requested	Difference	
	Jul-2017 (\$/1000 kWh)	Jan-2018 (\$/1000 kWh)	\$	%
Base Rate	60.47	\$60.47	\$0.00	0.00%
Fuel Cost Recovery	33.77	40.91	7.14	21.14%
Capacity Cost Recovery (CCR)	11.38	12.81	1.43	12.57%
Energy Conservation Cost Recovery (ECCR)	3.17	3.28	0.11	3.47%
Environmental Cost Recovery (ECRC) *	1.51	1.58	0.07	4.64%
Nuclear CR3 Uprate	1.56	1.52	(0.04)	-2.56%
Nuclear Levy	0.00	2.50	2.50	0.00%
Asset Securitization Charge (ASC) **	3.59	2.26	(1.33)	0.00%
Subtotal	115.45	125.33	9.88	8.56%
Gross Receipts Tax	2.96	3.21	0.25	8.45%
Total	\$118.41	\$128.54	\$10.13	8.56%

* Proposed 2018 ECRC factors will be filed with the Commission on September 1, 2017 in Docket No. 20170007-EI; The rate provided reflects DEF's most current estimate.

** The ASC factor approved in a financing order issued to DEF by the Commission is adjusted at least semi-annually (March & September) to ensure timely payment of principal , interest and financing costs of nuclear asset-recovery bonds. The January 2018 factor is the proposed adjustment to be effective September 2017 as filed with the Commssion on June 29, 2017 in Docket No. 20150171-EI.

Duke Energy Florida, LLC
 Calculation of Inverted Residential Fuel Factors

	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	14,110,725	4.385	\$ 618,755,298	4.091	\$ 577,215,956
Over 1,000 kWh	5,886,939	4.385	258,142,281	5.091	299,681,623
Total	<u>19,997,664</u>		<u>\$ 876,897,579</u>		<u>\$ 876,897,579</u>
Rate Differential by Tier - Cents per kWh				1.000	
Residential Sales:					
Total	19,998,223				
Time of Use	559				
Levelized	<u>19,997,664</u>				

Duke Energy Florida, LLC
Generating System Comparative Data by Fuel Type

	2015 Actual	2016 Actual	2017 Actual/Estimated	2018 Projection	2016 vs. 2015	2017 vs. 2016	2018 vs. 2017
FUEL COST OF SYSTEM NET GENERATION (\$)							
HEAVY OIL	0	0	0	0	0.0%	0.0%	0.0%
LIGHT OIL	20,687,452	18,516,067	7,062,792	2,625,339	-10.5%	-61.9%	-62.8%
COAL	379,954,861	339,340,725	352,943,879	294,863,421	-10.7%	4.0%	-16.5%
GAS	947,933,972	834,543,700	921,171,823	1,008,874,354	-12.0%	10.4%	9.5%
NUCLEAR	0	0	0	0	0.0%	0.0%	0.0%
OTHER	0	0	0	0	0.0%	0.0%	0.0%
TOTAL	1,348,576,284	1,192,400,492	1,281,178,493	1,306,363,114	-11.6%	7.4%	2.0%
SYSTEM NET GENERATION (mWh)							
HEAVY OIL	0	0	0	0	0.0%	0.0%	0.0%
LIGHT OIL	72,848	76,916	25,322	337	5.6%	-67.1%	-98.7%
COAL	9,718,456	8,851,647	10,243,040	9,384,853	-8.9%	15.7%	-8.4%
GAS	25,227,323	24,806,739	26,125,366	28,331,496	-1.7%	5.3%	8.4%
NUCLEAR	0	0	0	0	0.0%	0.0%	0.0%
SOLAR	0	5,305	17,547	36,721	0.0%	230.8%	109.3%
OTHER	0	0	0	0	0.0%	0.0%	0.0%
TOTAL	35,018,627	33,740,606	36,411,274	37,753,407	-3.6%	7.9%	3.7%
UNITS OF FUEL BURNED							
HEAVY OIL	0	0	0	0	0.0%	0.0%	0.0%
LIGHT OIL	162,382	172,049	65,880	26,515	6.0%	-61.7%	-59.8%
COAL	4,425,252	4,181,357	4,656,926	4,303,704	-5.5%	11.4%	-7.6%
GAS	198,464,799	199,365,868	203,833,196	213,282,709	0.5%	2.2%	4.6%
NUCLEAR	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	0	0	0	0	0.0%	0.0%	0.0%
LIGHT OIL	927,656	992,122	380,349	154,466	6.9%	-61.7%	-59.4%
COAL	102,196,707	93,670,913	106,123,811	99,594,950	-8.3%	13.3%	-6.2%
GAS	203,148,563	203,963,866	205,926,092	213,282,709	0.4%	1.0%	3.6%
NUCLEAR	0	0	0	0	0.0%	0.0%	0.0%
OTHER	0	0	0	0	0.0%	0.0%	0.0%
TOTAL	306,272,926	298,626,901	312,430,252	313,032,125	-2.5%	4.6%	0.2%
GENERATION MIX (% mWh)							
HEAVY OIL	0.00%	0.00%	0.00%	0.00%	0.0%	0.0%	0.0%
LIGHT OIL	0.21%	0.23%	0.07%	0.00%	0.0%	-87.7%	-142.9%
COAL	27.75%	26.23%	28.13%	24.86%	-5.4%	7.2%	-11.7%
GAS	72.04%	73.52%	71.75%	75.04%	2.1%	-2.4%	4.6%
NUCLEAR	0.00%	0.00%	0.00%	0.00%	0.0%	0.0%	0.0%
SOLAR	0.00%	0.02%	0.05%	0.10%	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	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
LIGHT OIL	127.40	107.62	107.21	99.01	-15.5%	-0.4%	-7.6%
COAL	85.86	81.16	75.79	68.51	-5.5%	-6.6%	-9.6%
GAS	4.78	4.19	4.52	4.73	-12.4%	8.0%	4.7%
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%
FUEL COST PER MMBTU (\$/MMBTU)							
HEAVY OIL	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
LIGHT OIL	22.30	18.66	18.57	17.00	-16.3%	-0.5%	-8.5%
COAL	3.72	3.62	3.33	2.96	-2.6%	-8.2%	-11.0%
GAS	4.67	4.09	4.47	4.73	-12.3%	9.3%	5.7%
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	4.40	3.99	4.10	4.17	-9.3%	2.7%	1.8%
BTU BURNED PER kWh (BTU/kWh)							
HEAVY OIL	0	0	0	0	0.0%	0.0%	0.0%
LIGHT OIL	12,734	12,899	15,021	458,628	1.3%	16.5%	2953.3%
COAL	10,516	10,582	10,361	10,612	0.6%	-2.1%	2.4%
GAS	8,053	8,222	7,882	7,528	2.1%	-4.1%	-4.5%
NUCLEAR	0	0	0	0	0.0%	0.0%	0.0%
OTHER	0	0	0	0	0.0%	0.0%	0.0%
TOTAL	8,746	8,851	8,581	8,291	1.2%	-3.1%	-3.4%
GENERATED FUEL COST PER kWh (C/kWh)							
HEAVY OIL	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
LIGHT OIL	28.40	24.07	27.89	779.49	-15.2%	15.9%	2694.7%
COAL	3.91	3.83	3.45	3.14	-1.9%	-10.1%	-8.8%
GAS	3.76	3.36	3.53	3.56	-10.5%	4.8%	1.0%
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	3.85	3.53	3.52	3.46	-8.2%	-0.4%	-1.6%

DUKE ENERGY FLORIDA, LLC
Fuel and Capacity Cost Recovery Factor
January through December 2018

PART 3 – 2018 CAPACITY COST RECOVERY SCHEDULES

Schedule E12-A – Calculation of Projected Capacity Costs

Schedule E12-B – Calculation of Actual/Estimated True-up

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

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

REDACTED

	EST Jan-18	EST Feb-18	EST Mar-18	EST Apr-18	EST May-18	EST Jun-18	EST Jul-18	EST Aug-18	EST Sep-18	EST Oct-18	EST Nov-18	EST Dec-18	TOTAL
1 Base Production Level Capacity Costs													
2 Orange Cogen (ORANGECO)	5,331,275	5,331,275	5,331,275	5,331,275	5,331,275	5,331,275	5,331,275	5,331,275	5,331,275	5,331,275	5,331,275	5,331,275	63,975,304
3 Orlando Cogen Limited (ORLACOGL)	5,361,790	5,361,790	5,361,790	5,361,790	5,361,790	5,361,790	5,361,790	5,361,790	5,361,790	5,361,790	5,361,790	5,361,790	64,341,479
4 Pasco County Resource Recovery (PASCOUNT)	1,898,190	1,898,190	1,898,190	1,898,190	1,898,190	1,898,190	1,898,190	1,898,190	1,898,190	1,898,190	1,898,190	1,898,190	22,778,280
5 Pinellas County Resource Recovery (PINCOUNT)	4,518,518	4,518,518	4,518,518	4,518,518	4,518,518	4,518,518	4,518,518	4,518,518	4,518,518	4,518,518	4,518,518	4,518,518	54,222,210
6 Polk Power Partners, L.P. (MULBERRY/ROYSTER)	7,321,066	7,321,066	7,321,066	7,321,066	7,321,066	7,321,066	7,321,066	7,321,066	7,321,066	7,321,066	7,321,066	7,321,066	87,852,791
7 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	800,946	800,946	800,946	800,946	800,946	800,946	800,946	800,946	800,946	800,946	800,946	800,946	9,611,349
8 US EcoGen	-	-	-	-	-	-	-	-	-	-	-	-	-
9 Subtotal - Base Level Capacity Costs	25,231,784	25,231,784	25,231,784	25,231,784	25,231,784	25,231,784	25,231,784	25,231,784	25,231,784	25,231,784	25,231,784	25,231,784	302,781,413
10 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%	
11 Base Level Jurisdictional Capacity Costs	23,436,543	23,436,542	23,436,542	23,436,542	23,436,542	23,436,543	23,436,543	23,436,543	23,436,543	23,436,543	23,436,543	23,436,543	281,238,512
12 Intermediate Production Level Capacity Costs													
13 Southern Franklin	5,336,180	5,336,180	2,087,647	2,087,647	2,387,931	6,832,265	10,376,483	10,376,483	5,392,427	2,097,412	2,097,412	3,177,291	57,585,355
14 Schedule H Capacity Sales - NSB	-	-	-	-	-	-	-	-	-	-	-	-	-
15 Subtotal - Intermediate Level Capacity Costs	5,336,180	5,336,180	2,087,647	2,087,647	2,387,931	6,832,265	10,376,483	10,376,483	5,392,427	2,097,412	2,097,412	3,177,291	57,585,355
16 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%	
17 Intermediate Level Jurisdictional Capacity Costs	3,879,563	3,879,563	1,517,782	1,517,782	1,736,099	4,967,262	7,544,014	7,544,014	3,920,456	1,524,881	1,524,881	2,309,986	41,866,282
18 Peaking Production Level Capacity Costs													
19 Shady Hills	1,955,104	1,955,104	1,396,503	1,354,816	1,896,743	3,856,015	3,856,015	3,856,015	1,799,474	1,354,816	1,354,816	1,955,104	26,590,525
20 Vandolah (NSG)	2,772,661	2,788,227	1,998,461	1,976,224	2,694,834	5,556,300	5,539,623	5,495,150	2,629,977	1,937,310	1,981,783	2,788,227	38,158,778
21 Other	-	-	-	-	-	-	-	-	-	-	-	-	-
22 Subtotal - Peaking Level Capacity Costs	4,727,765	4,743,331	3,394,963	3,331,040	4,591,576	9,412,315	9,395,638	9,351,165	4,429,451	3,292,126	3,336,599	4,743,331	64,749,302
23 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%	
24 Peaking Level Jurisdictional Capacity Costs	4,535,062	4,549,993	3,256,585	3,195,267	4,404,424	9,028,669	9,012,672	8,970,012	4,248,907	3,157,939	3,200,600	4,549,993	62,110,121
25 Other Capacity Costs													
26 Retail Wheeling													
27 RRSA Second Amendment ¹													
28 Total Other Capacity Costs													
29 Total Capacity Costs (line 11+17+24+28)	33,503,029	33,508,605	29,836,423	29,786,116	31,206,401	39,054,470	41,614,985	41,579,074	33,217,208	29,728,343	29,779,024	31,907,807	404,721,485
30 Actual/Estimated True-Up Provision - Jan - Dec 2017													5,121,339
31 Total Capacity Costs w/ True-Up													409,842,825
32 Revenue Tax Multiplier													1.00072
33 Total Recoverable Capacity Costs													410,137,911
34 Nuclear Cost Recovery Clause													131,455,028
35 Revenue Tax Multiplier													1.00072
36 Total Recoverable Nuclear Costs													131,549,676
37 ISFSI Revenue Requirement ²													9,308,657
38 Revenue Tax Multiplier													1.00072
39 Total Recoverable ISFSI Costs													9,315,359
40 Total Recov Capacity & Nuclear Costs (line 33+36+39)													551,002,946

¹ Approved in Commission Order No. PSC-2016-0138-FOF-EI

² Approved in Commission Order No. PSC-2016-0425-PAA-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. (MULBERRY/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-16	May-21	Other	Purch	424.00
9	Schedule H Capacity - New Smyrna Beach	Nov-85	see note (1)	Other	Sale	1.00
10	Vandolah (NSG)	Jun-12	May-27	Other	Purch	655.00
11	Shady Hills Tolling Agreement	Apr-07	Apr-24	Other	Purch	515.00

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

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 (%)	(11) Base Energy & Demand Revenues (\$000s)	(12) ISFSI Uniform Percent Allocation (\$000s)
Residential												
RS-1, RST-1, RSL-1, RSL-2, RSS-1												
Secondary	0.518	19,998,223	4,407.79	0.9373898	21,333,945	4,702.20	2,435.38	51.864%	61.806%	61.041%	1,169,539	5,885
General Service Non-Demand												
GS-1, GST-1												
Secondary	0.682	1,915,364	320.78	0.9373898	2,043,295	342.21	233.25	4.967%	4.498%	4.534%		
Primary	0.682	20,645	3.46	0.9737076	21,202	3.55	2.42	0.052%	0.047%	0.047%		
Transmission	0.682	2,481	0.42	0.9837076	2,522	0.42	0.29	0.006%	0.006%	0.006%		
								5.025%	4.550%	4.587%	111,572	561
General Service												
GS-2												
Secondary	1.000	173,218	19.77	0.9373898	184,787	21.09	21.09	0.449%	0.277%	0.290%	3,816	19
General Service Demand												
GSD-1, GSDT-1												
Secondary	0.749	11,851,002	1,806.96	0.9373898	12,642,554	1,927.65	1,443.21	30.735%	25.337%	25.752%		
Transm Del/ Primary Mtr	0.749	1,968	0.30	0.9737076	2,021	0.31	0.23	0.005%	0.004%	0.004%		
Sec Del/Primary Mtr	0.749	36,834	5.62	0.9737076	37,829	5.77	4.32	0.092%	0.076%	0.077%		
Primary	0.749	2,168,825	330.69	0.9737076	2,227,388	339.62	254.27	5.415%	4.464%	4.537%		
SS-1 Primary	1.166	39,299	3.85	0.9737076	40,360	3.95	4.61	0.098%	0.052%	0.056%		
Transm Del/ Primary Mtr	1.166	2,139	0.21	0.9737076	2,197	0.22	0.25	0.005%	0.003%	0.003%		
Transmission	1.166	7,627	0.75	0.9837076	7,753	0.76	0.89	0.019%	0.010%	0.011%		
								36.369%	29.946%	30.440%	497,419	2,503
Curtailed												
CS-1, CST-1, CS-2, CST-2, SS-3												
Primary	1.305	71,149	6.22	0.9737076	73,070	6.39	8.34	0.178%	0.084%	0.091%		
SS-3 Primary	0.583	55,813	10.93	0.9737076	57,320	11.23	6.54	0.139%	0.148%	0.147%		
								0.317%	0.232%	0.238%	5,268	27
Interruptible												
IS-1, IST-1, IS-2, IST-2												
Secondary	1.009	88,807	10.04	0.9373898	94,739	10.71	10.81	0.230%	0.141%	0.148%		
Sec Del/Primary Mtr	1.009	4,677	0.53	0.9737076	4,803	0.54	0.55	0.012%	0.007%	0.007%		
Primary Del / Primary Mtr	1.009	1,263,456	142.88	0.9737076	1,297,572	146.74	148.12	3.154%	1.929%	2.023%		
Primary Del / Transm Mtr	1.009	265	0.03	0.9837076	269	0.03	0.03	0.001%	0.000%	0.000%		
Transm Del/ Primary Mtr	1.009	222,565	25.17	0.9737076	228,575	25.85	26.09	0.556%	0.340%	0.356%		
Transm Del/ Transm Mtr	1.009	313,757	35.48	0.9837076	318,954	36.07	36.41	0.775%	0.474%	0.497%		
SS-2 Primary	0.870	8,991	1.18	0.9737076	9,234	1.21	1.05	0.022%	0.016%	0.016%		
Transm Del/ Primary Mtr	0.870	90,375	11.86	0.9737076	92,815	12.18	10.60	0.226%	0.160%	0.165%		
Transmission	0.870	6,821	0.90	0.9837076	6,934	0.91	0.79	0.017%	0.012%	0.012%		
								4.993%	3.079%	3.226%	55,036	277
Lighting												
LS-1 (Secondary)												
	5.506	378,883	7.86	0.9373898	404,190	8.38	46.14	0.983%	0.110%	0.177%	8,706	44
Total		38,723,184	7,153.67		41,134,330	7,607.99	4,695.70	100.000%	100.000%	100.000%	1,851,356	9,315

Notes:

(1) Average 12CP load factor based on load research study filed July 31, 2015 (FPSC rule 25-6.0437 (7))	(7) Calculated: Column 5 / 8,760 hours
(2) Projected mWh sales for the period Jan-Dec 2018	(8) Calculated: Column 7 / Total Column 7
(3) Calculated: Column 2 / (8,760 hours x Column 1)	(9) Calculated: Column 6 / Total Column 6
(4) Based on system average line loss analysis for 2016	(10) Calculated: Column 8 x 1/13 + Column 9 x 12/13
(5) Calculated: Column 2 / Column 4	(11) Projected Base Energy & Demand Revenues for Jan-Dec 2018
(6) Calculated: Column 3 / Column 4	(12) Uniform Percent Calculated: Column 12 Total / Column 11 Total Calculated: Column 11 x Uniform Percent

Rate Class	(1) 12CP 1/13 AD Demand Allocator (%)	(2) Effective mWh at Secondary Level (MWh)	(3) Capacity Production Demand Costs (\$)	(4) ISFSI Dry Cask Storage Costs (\$)	(5) Levy Production Demand Costs (\$)	(6) CR3 Production Demand Costs (\$)	(7) Capacity + Nuclear + ISFSI Production Demand Costs (\$)	(8) Capacity CCR Factor (c/kWh)	(9) ISFSI CCR Factor (c/kWh)	(10) Levy CCR Factor (c/kWh)	(11) CR3 CCR Factor (c/kWh)	(12) Capacity & Nuclear CCR Factor (c/kWh)
Residential												
RS-1, RST-1, RSL-1, RSL-2, RSS-1												
Secondary	61.041%	19,998,223	\$250,353,360	\$5,884,702	\$49,993,538	\$30,306,045	\$336,537,645	1.252	0.029	0.250	0.152	1.683
General Service Non-Demand												
GS-1, GST-1												
Secondary		1,915,364						0.971	0.029	0.194	0.117	1.311
Primary		20,439						0.961	0.029	0.192	0.116	1.298
Transmission		2,431						0.952	0.028	0.190	0.115	1.285
TOTAL GS	4.587%	1,938,234	18,812,005	561,392	3,756,605	2,277,251	25,407,253					
General Service												
GS-2												
Secondary	0.290%	173,218	1,191,429	19,201	237,919	144,226	1,592,775	0.688	0.011	0.137	0.083	0.919
General Service Demand												
GSD-1, GSDT-1, SS-1												
Secondary		11,851,002										
Primary		2,226,574										
Transmission		7,474										
TOTAL GSD	30.440%	14,085,051	124,845,172	2,502,833	24,930,570	15,112,893	167,391,467					
Curtable												
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3												
Secondary		-										
Primary		125,692										
Transmission		-										
TOTAL CS	0.238%	125,692	976,821	26,504	195,063	118,247	1,316,636					
Interruptible												
IS-1, IST-1, IS-2, IST-2, SS-2												
Secondary		88,807										
Primary		1,574,163										
Transmission		314,426										
TOTAL IS	3.226%	1,977,397	13,232,114	276,923	2,642,346	1,601,788	17,753,171					
Lighting												
LS-1												
Secondary	0.177%	378,883	727,011	43,803	145,178	88,007	1,003,999	0.192	0.012	0.038	0.023	0.265
Total	100.000%	38,676,697	\$410,137,911	\$9,315,359	\$81,901,218	\$49,648,457	\$551,002,946	1.060	0.024	0.212	0.128	1.424

- Notes:
- (1) From Schedule E12-D, Column 10
 - (2) Projected mWh sales at effective voltage level for Jan-Dec 2018
 - (3) Column 1 x Total Recoverable Payments (Schedule E12-A)
 - (4) From Schedule E12-D, Column 12
 - (5) (Column 10 x Column 2) x 10
 - (6) Column 1 x Total Recoverable Payments (Schedule E12-A)
 - (7) Column 3 + Column 4 + Column 5 + Column 6
 - (8) (Column 3 / Column 2) / 10
 - (9) (Column 4 / Column 2) / 10
 - (10) (Column 5 / Column 2) / 10
 - (11) (Column 6 / Column 2) / 10
 - (12) Column 8 + Column 9 + Column 10 + Column 11
 - (13) Class Billing kW Load Factor
 - (14) Column 2 x 1000 / 8,760 / Column 13 x 12
 - (15) Column 3 / Column 14
 - (16) Column 4 / Column 14
 - (17) Column 5 / Column 14
 - (18) Column 6 / Column 14
 - (19) Column 7 / Column 14

Rate Class	(1) 12CP 1/13 AD Demand Allocator (%)	(2) Effective mWh at Secondary Level (MWh)	(3) Capacity Production Demand Costs (\$)	(4) ISFSI Dry Cask Storage Costs (\$)	(5) Levy Production Demand Costs (\$)	(6) CR3 Production Demand Costs (\$)	(7) Capacity + Nuclear + ISFSI Production Demand Costs (\$)	(13) Billing KW Load Factor (%)	(14) Projected Effective KW at Meter Level (kW)	(15) Capacity CCR Factor (\$/kW-mo)	(16) ISFSI CCR Factor (\$/kW-mo)	(17) Levy CCR Factor (\$/kW-mo)	(18) CR3 CCR Factor (\$/kW-mo)	(19) Capacity & Nuclear CCR Factor (\$/kW-mo)
Residential														
RS-1, RST-1, RSL-1, RSL-2, RSS-1														
Secondary	61.041%	19,998,223	\$250,353,360	\$5,884,702	\$49,993,538	\$30,306,045	\$336,537,645							
General Service Non-Demand														
GS-1, GST-1														
Secondary		1,915,364												
Primary		20,439												
Transmission		2,431												
TOTAL GS	4.587%	1,938,234	18,812,005	561,392	3,756,605	2,277,251	25,407,253							
General Service														
GS-2														
Secondary	0.290%	173,218	1,191,429	19,201	237,919	144,226	1,592,775							
General Service Demand														
GSD-1, GSDT-1, SS-1														
Secondary		11,851,002								3.56	0.07	0.71	0.43	4.77
Primary		2,226,574								3.52	0.07	0.70	0.43	4.72
Transmission		7,474								3.49	0.07	0.70	0.42	4.67
TOTAL GSD	30.440%	14,085,051	124,845,172	2,502,833	24,930,570	15,112,893	167,391,467	55.00%	35,081,072					
Curtable														
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3														
Secondary		-								2.32	0.06	0.46	0.28	3.13
Primary		125,692								2.30	0.06	0.46	0.28	3.10
Transmission		-								2.27	0.06	0.45	0.27	3.07
TOTAL CS	0.238%	125,692	976,821	26,504	195,063	118,247	1,316,636	40.90%	420,981					
Interruptible														
IS-1, IST-1, IS-2, IST-2, SS-2														
Secondary		88,807								2.71	0.06	0.54	0.33	3.63
Primary		1,574,163								2.68	0.06	0.53	0.33	3.59
Transmission		314,426								2.66	0.06	0.53	0.32	3.56
TOTAL IS	3.226%	1,977,397	13,232,114	276,923	2,642,346	1,601,788	17,753,171	55.40%	4,889,463					
Lighting														
LS-1														
Secondary	0.177%	378,883	727,011	43,803	145,178	88,007	1,003,999							
Total	100.000%	38,676,697	\$410,137,911	\$9,315,359	\$81,901,218	\$49,648,457	\$551,002,946							

- Notes:
- (1) From Schedule E12-D, Column 10
 - (2) Projected mWh sales at effective voltage level for Jan-Dec 2018
 - (3) Column 1 x Total Recoverable Payments (Schedule E12-A)
 - (4) From Schedule E12-D, Column 12
 - (5) (Column 10 x Column 2) x 10
 - (6) Column 1 x Total Recoverable Payments (Schedule E12-A)
 - (7) Column 3 + Column 4 + Column 5 + Column 6
 - (8) (Column 3 / Column 2) / 10
 - (9) (Column 4 / Column 2) / 10
 - (10) (Column 5 / Column 2) / 10
 - (11) (Column 6 / Column 2) / 10
 - (12) Column 8 + Column 9 + Column 10 + Column 11
 - (13) Class Billing kW Load Factor
 - (14) Column 2 x 1000 / 8,760 / Column 13 x 12
 - (15) Column 3 / Column 14
 - (16) Column 4 / Column 14
 - (17) Column 5 / Column 14
 - (18) Column 6 / Column 14
 - (19) Column 7 / Column 14

*Calculation of Standby Service kW Charges:			
	Capacity + Nuclear Cost	Effective kW	\$/kW
Total GSD, CS, IS	\$186,461,274	40,391,516	4.62
SS-1, 2, 3 - \$/kW-mo			
	Secondary	Primary	Trans
Monthly - \$4.62/kW * 10%	0.462	0.457	0.453
Daily - \$4.62/kW / 21	0.220	0.218	0.216

Rate Class	(1) 12CP 1/13 AD Demand Allocator (%)	(2) Effective mWh at Secondary Level (MWh)	(3) Capacity Production Demand Costs (\$)	(4) ISFSI Dry Cask Storage Costs (\$)	(5) Levy Production Demand Costs (\$)	(6) CR3 Production Demand Costs (\$)	(7) Capacity + Nuclear + ISFSI Production Demand Costs (\$)	(8) Capacity CCR Factor (c/kWh)	(9) ISFSI CCR Factor (c/kWh)	(10) Levy CCR Factor (c/kWh)	(11) CR3 CCR Factor (c/kWh)	(12) Capacity & Nuclear CCR Factor (c/kWh)
Residential												
RS-1, RST-1, RSL-1, RSL-2, RSS-1												
Secondary	61.041%	19,998,223	\$250,353,360	\$5,884,702	\$0	\$30,306,045	\$286,544,108	1.252	0.029	0.000	0.152	1.433
General Service Non-Demand												
GS-1, GST-1												
Secondary		1,915,364						0.971	0.029	0.000	0.117	1.117
Primary		20,439						0.961	0.029	0.000	0.116	1.106
Transmission		2,431						0.952	0.028	0.000	0.115	1.095
TOTAL GS	4.587%	1,938,234	18,812,005	561,392	0	2,277,251	21,650,648					
General Service												
GS-2												
Secondary	0.290%	173,218	1,191,429	19,201	0	144,226	1,354,856	0.688	0.011	0.000	0.083	0.782
General Service Demand												
GSD-1, GSDT-1, SS-1												
Secondary		11,851,002										
Primary		2,226,574										
Transmission		7,474										
TOTAL GSD	30.440%	14,085,051	124,845,172	2,502,833	0	15,112,893	142,460,898					
Curtable												
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3												
Secondary		-										
Primary		125,692										
Transmission		-										
TOTAL CS	0.238%	125,692	976,821	26,504	0	118,247	1,121,572					
Interruptible												
IS-1, IST-1, IS-2, IST-2, SS-2												
Secondary		88,807										
Primary		1,574,163										
Transmission		314,426										
TOTAL IS	3.226%	1,977,397	13,232,114	276,923	0	1,601,788	15,110,825					
Lighting												
LS-1												
Secondary	0.177%	378,883	727,011	43,803	0	88,007	858,821	0.192	0.012	0.000	0.023	0.227
Total	100.000%	38,676,697	\$410,137,911	\$9,315,359	\$0	\$49,648,457	\$469,101,728	1.060	0.024	0.000	0.128	1.212

- Notes:
- | | |
|---|--|
| (1) From Schedule E12-D, Column 10 | (10) (Column 5 / Column 2) / 10 |
| (2) Projected mWh sales at effective voltage level for Jan-Dec 2018 | (11) (Column 6 / Column 2) / 10 |
| (3) Column 1 x Total Recoverable Payments (Schedule E12-A) | (12) Column 8 + Column 9 + Column 10 + Column 11 |
| (4) From Schedule E12-D, Column 12 | (13) Class Billing kW Load Factor |
| (5) (Column 10 x Column 2) x 10 | (14) Column 2 x 1000 / 8,760 / Column 13 x 12 |
| (6) Column 1 x Total Recoverable Payments (Schedule E12-A) | (15) Column 3 / Column 14 |
| (7) Column 3 + Column 4 + Column 5 + Column 6 | (16) Column 4 / Column 14 |
| (8) (Column 3 / Column 2) / 10 | (17) Column 5 / Column 14 |
| (9) (Column 4 / Column 2) / 10 | (18) Column 6 / Column 14 |
| | (19) Column 7 / Column 14 |

Rate Class	(1) 12CP 1/13 AD Demand Allocator (%)	(2) Effective mWh at Secondary Level (MWh)	(3) Capacity Production Demand Costs (\$)	(4) ISFSI Dry Cask Storage Costs (\$)	(5) Levy Production Demand Costs (\$)	(6) CR3 Production Demand Costs (\$)	(7) Capacity + Nuclear + ISFSI Production Demand Costs (\$)	(13) Billing KW Load Factor (%)	(14) Projected Effective KW at Meter Level (kW)	(15) Capacity CCR Factor (\$/kW-mo)	(16) ISFSI CCR Factor (\$/kW-mo)	(17) Levy CCR Factor (\$/kW-mo)	(18) CR3 CCR Factor (\$/kW-mo)	(19) Capacity & Nuclear CCR Factor (\$/kW-mo)
Residential														
RS-1, RST-1, RSL-1, RSL-2, RSS-1														
Secondary	61.041%	19,998,223	\$250,353,360	\$5,884,702	\$0	\$30,306,045	\$286,544,108							
General Service Non-Demand														
GS-1, GST-1														
Secondary		1,915,364												
Primary		20,439												
Transmission		2,431												
TOTAL GS	4.587%	1,938,234	18,812,005	561,392	0	2,277,251	21,650,648							
General Service														
GS-2														
Secondary	0.290%	173,218	1,191,429	19,201	0	144,226	1,354,856							
General Service Demand														
GSD-1, GSDT-1, SS-1														
Secondary		11,851,002								3.56	0.07	0.00	0.43	4.06
Primary		2,226,574								3.52	0.07	0.00	0.43	4.02
Transmission		7,474								3.49	0.07	0.00	0.42	3.98
TOTAL GSD	30.440%	14,085,051	124,845,172	2,502,833	0	15,112,893	142,460,898	55.00%	35,081,072					
Curtable														
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3														
Secondary		-								2.32	0.06	0.00	0.28	2.66
Primary		125,692								2.30	0.06	0.00	0.28	2.63
Transmission		-								2.27	0.06	0.00	0.27	2.61
TOTAL CS	0.238%	125,692	976,821	26,504	0	118,247	1,121,572	40.90%	420,981					
Interruptible														
IS-1, IST-1, IS-2, IST-2, SS-2														
Secondary		88,807								2.71	0.06	0.00	0.33	3.09
Primary		1,574,163								2.68	0.06	0.00	0.33	3.06
Transmission		314,426								2.66	0.06	0.00	0.32	3.03
TOTAL IS	3.226%	1,977,397	13,232,114	276,923	0	1,601,788	15,110,825	55.40%	4,889,463					
Lighting														
LS-1														
Secondary	0.177%	378,883	727,011	43,803	0	88,007	858,821							
Total	100.000%	38,676,697	\$410,137,911	\$9,315,359	\$0	\$49,648,457	\$469,101,728							

- Notes:
- (1) From Schedule E12-D, Column 10
 - (2) Projected mWh sales at effective voltage level for Jan-Dec 2018
 - (3) Column 1 x Total Recoverable Payments (Schedule E12-A)
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 - (8) (Column 3 / Column 2) / 10
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 - (12) Column 8 + Column 9 + Column 10 + Column 11
 - (13) Class Billing kW Load Factor
 - (14) Column 2 x 1000 / 8,760 / Column 13 x 12
 - (15) Column 3 / Column 14
 - (16) Column 4 / Column 14
 - (17) Column 5 / Column 14
 - (18) Column 6 / Column 14
 - (19) Column 7 / Column 14

*Calculation of Standby Service kW Charges:			
	Capacity + Nuclear Cost Cost	Effective kW	\$/kW
Total GSD, CS, IS	\$158,693,295	40,391,516	3.93
SS-1, 2, 3 - \$/kW-mo			
	Secondary	Primary	Trans
Monthly - \$3.93/kW * 10%	0.393	0.389	0.385
Daily - \$3.93/kW / 21	0.187	0.185	0.183

**IN RE: PETITION ON BEHALF OF DUKE ENERGY FLORIDA
FOR
FUEL AND CAPACITY COST RECOVERY
FINAL TRUE-UP FOR THE PERIOD
JANUARY THROUGH JULY 2016**

FPSC DOCKET NO. 20170001-EI

**GPIF TARGETS AND RANGES FOR
JANUARY THROUGH DECEMBER 2018**

**DIRECT TESTIMONY OF
MATTHEW J. JONES**

August 24, 2017

1 **Q. Please state your name and business address.**

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

4
5 **Q. By whom are you employed and in what capacity?**

6 A. I am employed by Duke Energy Corporation (“Duke Energy”) as Managing Director of
7 Analytics for Fuels and Systems Optimization. Duke Energy Florida, LLC (“DEF” or
8 “Company”) is a wholly-owned subsidiary of Duke Energy.

9
10 **Q. What are your responsibilities in that position?**

11 A. As Managing Director of Analytics for Fuels and Systems Optimization, I oversee the
12 analysis and modeling of energy portfolios for Duke Energy’s regulated utility
13 subsidiaries, including DEF, as well as Duke Energy Carolinas, LLC, Duke Energy
14 Progress, LLC, Duke Energy Indiana LLC, and Duke Energy Kentucky, Inc. My
15 responsibilities include oversight of planning and coordination associated with economic

1 system operations, including production cost modeling, outage coordination, dispatch
2 pricing, fuel burn forecasting, position analysis, and commodities analytics.

3
4 **Q. Please describe your educational background and professional experience.**

5 A. I earned a B.A. in Anthropology from State University of New York in 2001. From
6 2001 until 2004, I worked as an Account Representative for National Loop Company in
7 Green Island, NY. From 2004 until 2007, I attended graduate school at Indiana
8 University – Bloomington, where I earned a Master of Business Administration and a
9 Doctor of Jurisprudence, *cum laude*. In 2008, I joined Duke Energy as a Commercial
10 Associate, spending a six month rotation working in Business Development and another
11 six month rotation in the FERC Legal group. In 2009, I entered the Business
12 Development Analytics group where I worked in dispatch pricing, production cost
13 modeling, and fuel burn forecasting for the Duke Energy Carolinas system. In 2010, I
14 entered the Integrated Resource Planning group to work on the Kentucky IRP model and
15 later in 2010, I became the Director of Wholesale and Commodities Business Support,
16 where I had the responsibility to manage wholesale ratemaking, dispatch pricing,
17 production cost modeling, fuel burn forecasting, position reporting, budgeting for bulk
18 power marketing, and general analytical support for Fuels Hedging, Bulk Power
19 Marketing, and Wholesale Origination for North and South Carolina, Indiana and
20 Kentucky. In July of 2012, I became the Director of Analytics for Fuels and System
21 Optimization, where, in addition to the responsibilities outlined in the previous question,
22 I was also given the responsibility for the Contract Administration and Fuels System

1 Support organizations. In 2014, my title was changed to Managing Director and my
2 organization now includes Quantitative Analytics.

3
4 **Q. What is the purpose of your testimony?**

5 A. The purpose of my testimony is to provide a recap of actual reward / penalty for the
6 period of January through December 2016 and also present the development of the
7 Company's Generating Performance Incentive Factor ("GPIF") targets and ranges for the
8 period January through December 2018. These GPIF targets and ranges have been
9 developed from individual unit equivalent availability, average net operating heat rate
10 targets, and improvement/degradation ranges for each of the Company's GPIF generating
11 units, in accordance with the Commission's GPIF Implementation Manual.

12
13 **Q. What GPIF incentive amount was calculated and reported in your March 15, 2017
14 testimony for the period January through December 2016?**

15 A. DEF's originally calculated GPIF incentive amount for this period was a reward of
16 \$3,639,706. Please refer to my testimony filed March 15, 2017 for the details of how this
17 incentive amount was calculated.

18
19 **Q. Have there been any adjustments to the incentive amount filed in March?**

20 A. Yes. A revision to the amount of gas consumed at the Hines station was recently
21 identified. This resulted in Hines station's heat rate initially being calculated to be more
22 favorable than it actually was. When the revisions to gas consumption and resulting heat

1 rate were incorporated into the 2016 incentive calculation, the reward was reduced to
2 \$2,793,216, a reduction of \$846,490.

3
4 **Q. Do you have an exhibit to your testimony?**

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

10 I have also included a revised Exhibit No. ___ (MJJ-1T) to replace the exhibit filed with
11 my March 15, 2017 testimony, as discussed above.

12
13 **Q. Which of the Company's generating units have you included in the GPIF program
14 for the upcoming projection period?**

15 A. For the 2018 projection period, the GPIF program includes the following units: Bartow
16 Unit 4, Crystal River Units 4 and 5; and Hines Units 1 through 4. Combined, these units
17 account for 88% of the estimated total system net generation for the period, excluding
18 Osprey CC and Citrus CC units 1 and 2 as explained below.

19
20 Osprey CC and Citrus CC Units 1 and 2 were not included for the upcoming projection
21 period since there is insufficient performance history to use in setting targets and ranges
22 for these units.

23

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

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

5
6 **Q. How were the equivalent availability targets developed?**

7 A. The equivalent availability targets were developed using the methodology established for
8 the Company's GPIF units, as set forth in Section 4 of the GPIF Implementation Manual.
9 This includes the formulation of graphs based on each unit's historic performance data
10 for the four individual unplanned outage rates (i.e., forced, partial forced, maintenance,
11 and partial maintenance outage rates), which in combination constitute the unit's
12 equivalent unplanned outage rate ("EUOR"). From operational data and these graphs, the
13 individual target rates are determined through a review of three years of monthly data
14 points. The unit's four target rates are then used to calculate its unplanned outage hours
15 for the projection period. When the unit's projected planned outage hours are taken into
16 account, the hours calculated from these individual unplanned outage rates can then be
17 converted into an overall equivalent unplanned outage factor ("EUOF"). Because factors
18 are additive (unlike rates), the EUOF and planned outage factor ("POF") when added to
19 the equivalent availability factor ("EAF") will always equal 100%. For example, an
20 EUOF of 15% and POF of 10% results in an EAF of 75%.

21 The supporting tables and graphs for the target and range rates are contained in pages 41-
22 76 of my exhibit in the section entitled "Unplanned Outage Rate Tables and Graphs."
23

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

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

10
11 **Q. Were adjustments made to historical unit availability to account for significant**
12 **anomalies in historical performance?**

13 A. No.

14
15 **Q. Have you determined the net operating heat rate targets and ranges for the**
16 **Company's GPIF units?**

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

19
20 **Q. How were these heat rate targets and ranges developed?**

21 A. The development of the heat rate targets and ranges for the upcoming period utilized
22 historical data from the past three years, as described in the GPIF Implementation
23 Manual. A "least squares" procedure was used to curve-fit the heat rate data to a linear

1 relationship with Net Operating Factor (NOF), and ranges at a 90% confidence level were
2 also established assuming a normal distribution. The analyses and data plots used to
3 develop the heat rate targets and ranges for each of the GPIF units are contained in pages
4 26-40 of my exhibit in the section entitled "Average Net Operating Heat Rate Curves."

5
6 **Q. How were the GPIF incentive points developed for the unit availability and heat**
7 **rate ranges?**

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

15
16 **Q. How were the GPIF weighting factors determined?**

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

1 factors were then calculated by dividing each individual unit's fuel savings by total
2 system fuel savings.

3
4 **Q. What was the basis for determining the estimated maximum incentive amount?**

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

8
9 **Q. What is the Company's estimated maximum incentive amount for 2017?**

10 A. The estimated maximum incentive for the Company is \$22,480,036. The calculation of
11 the estimated maximum incentive is shown on page 3 of my Exhibit No. ____ (MJJ-1P).

12
13 **Q. Does this conclude your testimony?**

14 A. Yes.

GPIF Targets and Ranges for January through December 2018

STANDARD FORM GPIF SCHEDULES

<u>Description</u>	<u>Page</u>
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GENERATING PERFORMANCE INCENTIVE FACTOR

REWARD/PENALTY TABLE

ESTIMATED

Duke Energy Florida
Period of: January 2018 - December 2018

Generating Performance Incentive Points (GPIF) -----	Fuel Saving/Loss (\$) -----	Generating Performance Incentive Factor (\$) -----
10	\$52,390,839	\$22,480,036
9	\$47,151,755	\$20,232,032
8	\$41,912,671	\$17,984,028
7	\$36,673,587	\$15,736,025
6	\$31,434,503	\$13,488,021
5	\$26,195,420	\$11,240,018
4	\$20,956,336	\$8,992,014
3	\$15,717,252	\$6,744,011
2	\$10,478,168	\$4,496,007
1	\$5,239,084	\$2,248,004
0	\$0	\$0
-1	(\$6,858,577)	(\$2,248,004)
-2	(\$13,717,155)	(\$4,496,007)
-3	(\$20,575,732)	(\$6,744,011)
-4	(\$27,434,309)	(\$8,992,014)
-5	(\$34,292,887)	(\$11,240,018)
-6	(\$41,151,464)	(\$13,488,021)
-7	(\$48,010,041)	(\$15,736,025)
-8	(\$54,868,619)	(\$17,984,028)
-9	(\$61,727,196)	(\$20,232,032)
-10	(\$68,585,773)	(\$22,480,036)

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GENERATION PERFORMANCE INCENTIVE FACTOR
CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

ESTIMATED

Duke Energy Florida
Period of: January 2018 - December 2018

1	Beginning of period balance of common equity	5,454,454,994	
	END OF MONTH BALANCE OF COMMON EQUITY:		
2	Month of JANUARY 2018	5,501,045,619	
3	Month of FEBRUARY 2018	5,535,662,410	
4	Month of MARCH 2018	5,575,709,311	
5	Month of APRIL 2018	5,409,344,460	
6	Month of MAY 2018	5,462,428,120	
7	Month of JUNE 2018	5,530,440,270	
8	Month of JULY 2018	5,603,732,855	
9	Month of AUGUST 2018	5,677,853,948	
10	Month of SEPTEMBER 2018	5,542,298,847	
11	Month of OCTOBER 2018	5,586,534,947	
12	Month of NOVEMBER 2018	5,615,624,717	
13	Month of DECEMBER 2018	5,646,246,470	
14	Average common equity for the period (Summation of LINE 1 through LINE 13 divided by 13)	\$5,549,336,690	
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)	\$22,602,087	
18	Jurisdictional Sales	38,723,184	MWH
19	Total Sales	38,934,716	MWH
20	Jurisdictional Separation Factor (LINE 18 divided by LINE 19)	99.46%	
21	Maximum allowed jurisdictional incentive dollars (LINE 17 times LINE 20)	\$22,480,036	
22	Incentive Cap (50% of Projected Fuel Savings at 10 GPIF Point Level) From Sheet No. 7.101.1	\$26,195,420	
23	Maximum Allowed GPIF Reward (Lesser of Line 21 and Line 22)	\$22,480,036	

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GPIF TARGET AND RANGE SUMMARY

Duke Energy Florida
Period of: January 2018 - December 2018

Plant/Unit	Weighting Factor (%)	EAF Target (%)	EAF RANGE		Max. Fuel Savings (\$000)	Max. Fuel Loss (\$000)		
			Max. (%)	Min. (%)				
Bartow 4	3.87	90.20	93.82	82.91	2,025	(4,591)		
Crystal River 4	2.86	87.06	89.54	82.03	1,497	(3,877)		
Crystal River 5	2.91	92.30	94.76	87.26	1,524	(3,877)		
Hines 1	0.48	92.36	93.25	90.51	252	(528)		
Hines 2	10.41	68.97	80.88	44.26	5,452	(11,127)		
Hines 3	0.98	87.04	88.43	84.18	515	(879)		
Hines 4	5.17	83.25	87.98	73.52	2,711	(5,292)		
GPIF System						26.68	13,976	(30,171)

Plant/Unit	Weighting Factor (%)	ANOHR Target (BTU/KWH)	NOF	ANOHR RANGE		Max. Fuel Savings (\$000)	Max. Fuel Loss (\$000)	
				Min. (BTU/KWH)	Max. (BTU/KWH)			
Bartow 4	24.53	7,916	71.7	7,231	8,600	12,851	(12,851)	
Crystal River 4	10.38	10,112	80.0	9,688	10,537	5,439	(5,439)	
Crystal River 5	12.72	9,905	80.2	9,427	10,383	6,665	(6,665)	
Hines 1	9.08	7,314	89.3	6,830	7,797	4,759	(4,759)	
Hines 2	3.72	7,357	84.5	7,007	7,706	1,948	(1,948)	
Hines 3	7.78	7,285	83.8	6,861	7,708	4,074	(4,074)	
Hines 4	5.11	7,066	91.1	6,786	7,346	2,679	(2,679)	
GPIF System						73.32	38,414	(38,414)

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

Duke Energy Florida
Period of: January 2018 - December 2018

Plant/Unit	Target	Norm.	Target			Actual Performance			Actual Performance		
	Wt.	Wt.	POF	EUOF	EUOR	1st Prior Period			2nd Prior Period		
	Factor	Factor				Jan-Jun 2017			Jan-Dec 2016		
			POF	EUOF	EUOR	POF	EUOF	EUOR	POF	EUOF	EUOR
Bartow 4	3.87	14.49	2.05	7.74	7.74	0.95	16.86	17.51	10.34	8.02	9.11
Crystal River 4	2.86	10.71	7.67	5.26	5.74	0.00	4.89	4.89	8.44	5.70	6.23
Crystal River 5	2.91	10.90	2.47	5.24	5.40	0.00	7.37	7.37	2.07	5.56	5.76
Hines 1	0.48	1.80	5.75	1.89	2.16	15.55	3.30	4.22	10.11	1.78	2.02
Hines 2	10.41	39.01	5.75	25.27	34.96	0.00	0.00	0.00	8.73	3.81	4.43
Hines 3	0.98	3.69	10.00	2.96	3.42	14.48	3.16	4.18	15.10	1.79	2.17
Hines 4	5.17	19.39	6.71	10.04	11.11	0.32	1.15	1.24	7.75	26.15	28.61
GPIF System Wghtd. Avg.	26.68	100.00	5.41	14.21	18.28	1.01	4.17	4.34	8.28	9.04	10.01

Plant/Unit	Actual Performance			Actual Performance			Actual Performance		
	3rd Prior Period			4th Prior Period			5th Prior Period		
	Jan-Dec 2015			Jan-Dec 2014			Jan-Dec 2013		
	POF	EUOF	EUOR	POF	EUOF	EUOR	POF	EUOF	EUOR
Bartow 4	8.21	3.89	4.33	10.01	7.84	8.92	4.62	2.43	2.71
Crystal River 4	0.00	4.71	4.71	4.34	11.87	12.92	5.90	7.19	7.64
Crystal River 5	6.03	2.16	2.92	5.43	6.09	6.53	0.00	5.62	6.27
Hines 1	15.13	1.29	1.55	0.00	1.02	1.12	6.84	1.51	1.87
Hines 2	0.00	45.82	46.11	0.00	49.02	54.59	5.66	2.21	2.47
Hines 3	6.32	0.80	0.86	5.88	7.75	9.01	1.96	1.72	1.75
Hines 4	10.68	0.67	0.76	4.03	2.58	2.95	8.11	0.36	0.39
GPIF System Wghtd. Avg.	4.42	19.36	19.65	3.50	23.00	25.61	5.28	2.76	3.03

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

Duke Energy Florida
Period of: January 2018 - December 2018

Plant/Unit	Target Wt. Factor	Norm. Wt. Factor	Average Heat Rate Target	1st Prior HR Jan 2016 - Dec 2016	2nd Prior HR Jan 2015 - Dec 2015	3rd Prior HR Jan 2014 - Dec 2014
Bartow 4	24.53	33.45	7,916	8,042	7,764	7,955
Crystal River 4	10.38	14.16	10,112	10,163	10,153	10,269
Crystal River 5	12.72	17.35	9,905	9,891	10,037	9,982
Hines 1	9.08	12.39	7,314	7,180	7,420	7,414
Hines 2	3.72	5.07	7,357	7,358	7,288	7,516
Hines 3	7.78	10.60	7,285	7,240	7,229	7,388
Hines 4	5.11	6.97	7,066	7,031	7,086	7,082
			-	-	-	-
			-	-	-	-
			-	-	-	-
			-	-	-	-
			-	-	-	-
GPIF System Weighted Avg.	73.32	100.00	8,343	8,366	8,326	8,660

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DERIVATION OF WEIGHTING FACTORS

Duke Energy Florida
Period of: January 2018 - December 2018

Unit Performance Indicator	Production Costing Simulation Fuel Cost (\$000)			Weighting Factor (% of Savings)
	At Target (1)	At Maximum Improvement (2)	Savings (3)	
Bartow 4 EAF	1,973,613	1,971,588	2,025	3.87
Bartow 4 HR	1,973,613	1,960,762	12,851	24.53
Crystal River 4 EAF	1,973,613	1,972,116	1,497	2.86
Crystal River 4 HR	1,973,613	1,968,174	5,439	10.38
Crystal River 5 EAF	1,973,613	1,972,089	1,524	2.91
Crystal River 5 HR	1,973,613	1,966,948	6,665	12.72
Hines 1 EAF	1,973,613	1,973,361	252	0.48
Hines 1 HR	1,973,613	1,968,854	4,759	9.08
Hines 2 EAF	1,973,613	1,968,161	5,452	10.41
Hines 2 HR	1,973,613	1,971,665	1,948	3.72
Hines 3 EAF	1,973,613	1,973,098	515	0.98
Hines 3 HR	1,973,613	1,969,539	4,074	7.78
Hines 4 EAF	1,973,613	1,970,902	2,711	5.17
Hines 4 HR	1,973,613	1,970,934	2,679	5.11

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

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida

Period of: January 2018 - December 2018

Bartow 4

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
10	\$2,025,248	93.82	10	\$12,850,566	7,230.8
9	\$1,822,724	93.46	9	\$11,565,509	7,291.8
8	\$1,620,199	93.10	8	\$10,280,453	7,352.8
7	\$1,417,674	92.73	7	\$8,995,396	7,413.8
6	\$1,215,149	92.37	6	\$7,710,339	7,474.7
5	\$1,012,624	92.01	5	\$6,425,283	7,535.7
4	\$810,099	91.65	4	\$5,140,226	7,596.7
3	\$607,575	91.29	3	\$3,855,170	7,657.6
2	\$405,050	90.92	2	\$2,570,113	7,718.6
1	\$202,525	90.56	1	\$1,285,057	7,779.6
0	\$0	90.20	0	\$0	7,840.6
-1	(\$459,132)	89.47	-1	(\$1,285,057)	7,915.6
-2	(\$918,265)	88.74	-2	(\$2,570,113)	7,990.6
-3	(\$1,377,397)	88.01	-3	(\$3,855,170)	8,051.5
-4	(\$1,836,530)	87.28	-4	(\$5,140,226)	8,112.5
-5	(\$2,295,662)	86.55	-5	(\$6,425,283)	8,173.5
-6	(\$2,754,795)	85.82	-6	(\$7,710,339)	8,234.4
-7	(\$3,213,927)	85.09	-7	(\$8,995,396)	8,295.4
-8	(\$3,673,059)	84.37	-8	(\$10,280,453)	8,356.4
-9	(\$4,132,192)	83.64	-9	(\$11,565,509)	8,417.3
-10	(\$4,591,324)	82.91	-10	(\$12,850,566)	8,478.3

Equivalent Availability Weighting Factor:

3.87%

Heat Rate Weighting Factor:

24.53%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida

Period of: January 2018 - December 2018

Crystal River 4

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
10	\$1,497,303	89.54	10	\$5,438,836	9,687.6
9	\$1,347,573	89.29	9	\$4,894,952	9,722.6
8	\$1,197,843	89.04	8	\$4,351,069	9,757.6
7	\$1,048,112	88.79	7	\$3,807,185	9,792.5
6	\$898,382	88.55	6	\$3,263,302	9,827.5
5	\$748,652	88.30	5	\$2,719,418	9,862.5
4	\$598,921	88.05	4	\$2,175,534	9,897.4
3	\$449,191	87.81	3	\$1,631,651	9,932.4
2	\$299,461	87.56	2	\$1,087,767	9,967.4
1	\$149,730	87.31	1	\$543,884	10,002.3
					10,037.3
0	\$0	87.06	0	\$0	10,112.3
					10,187.3
-1	(\$387,693)	86.56	-1	(\$543,884)	10,222.3
-2	(\$775,386)	86.06	-2	(\$1,087,767)	10,257.2
-3	(\$1,163,080)	85.56	-3	(\$1,631,651)	10,292.2
-4	(\$1,550,773)	85.05	-4	(\$2,175,534)	10,327.2
-5	(\$1,938,466)	84.55	-5	(\$2,719,418)	10,362.1
-6	(\$2,326,159)	84.05	-6	(\$3,263,302)	10,397.1
-7	(\$2,713,852)	83.54	-7	(\$3,807,185)	10,432.1
-8	(\$3,101,545)	83.04	-8	(\$4,351,069)	10,467.0
-9	(\$3,489,239)	82.54	-9	(\$4,894,952)	10,502.0
-10	(\$3,876,932)	82.03	-10	(\$5,438,836)	10,537.0

Equivalent Availability
Weighting Factor:

2.86%

Heat Rate
Weighting Factor:

10.38%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida

Period of: January 2018 - December 2018

Crystal River 5

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
10	\$1,523,660	94.76	10	\$6,665,454	9,426.8
9	\$1,371,294	94.51	9	\$5,998,908	9,467.1
8	\$1,218,928	94.27	8	\$5,332,363	9,507.4
7	\$1,066,562	94.02	7	\$4,665,818	9,547.8
6	\$914,196	93.77	6	\$3,999,272	9,588.1
5	\$761,830	93.53	5	\$3,332,727	9,628.4
4	\$609,464	93.28	4	\$2,666,181	9,668.7
3	\$457,098	93.03	3	\$1,999,636	9,709.0
2	\$304,732	92.79	2	\$1,333,091	9,749.3
1	\$152,366	92.54	1	\$666,545	9,789.6
0	\$0	92.30	0	\$0	9,829.9
-1	(\$387,740)	91.79	-1	(\$666,545)	9,904.9
-2	(\$775,480)	91.29	-2	(\$1,333,091)	9,979.9
-3	(\$1,163,220)	90.78	-3	(\$1,999,636)	10,020.2
-4	(\$1,550,960)	90.28	-4	(\$2,666,181)	10,060.5
-5	(\$1,938,700)	89.78	-5	(\$3,332,727)	10,100.8
-6	(\$2,326,440)	89.27	-6	(\$3,999,272)	10,141.2
-7	(\$2,714,180)	88.77	-7	(\$4,665,818)	10,181.5
-8	(\$3,101,920)	88.27	-8	(\$5,332,363)	10,221.8
-9	(\$3,489,660)	87.76	-9	(\$5,998,908)	10,262.1
-10	(\$3,877,400)	87.26	-10	(\$6,665,454)	10,302.4
					10,342.7
					10,383.0

Equivalent Availability Weighting Factor:

2.91%

Heat Rate Weighting Factor:

12.72%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Period of: January 2018 - December 2018

Hines 1

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
10	\$252,197	93.25	10	\$4,758,674	6,830.2
9	\$226,977	93.16	9	\$4,282,807	6,871.1
8	\$201,758	93.07	8	\$3,806,939	6,912.0
7	\$176,538	92.99	7	\$3,331,072	6,952.8
6	\$151,318	92.90	6	\$2,855,205	6,993.7
5	\$126,098	92.81	5	\$2,379,337	7,034.5
4	\$100,879	92.72	4	\$1,903,470	7,075.4
3	\$75,659	92.63	3	\$1,427,602	7,116.3
2	\$50,439	92.54	2	\$951,735	7,157.1
1	\$25,220	92.45	1	\$475,867	7,198.0
0	\$0	92.36	0	\$0	7,238.9
-1	(\$52,755)	92.18	-1	(\$475,867)	7,313.9
-2	(\$105,510)	91.99	-2	(\$951,735)	7,388.9
-3	(\$158,265)	91.80	-3	(\$1,427,602)	7,429.7
-4	(\$211,021)	91.62	-4	(\$1,903,470)	7,470.6
-5	(\$263,776)	91.43	-5	(\$2,379,337)	7,511.4
-6	(\$316,531)	91.25	-6	(\$2,855,205)	7,552.3
-7	(\$369,286)	91.06	-7	(\$3,331,072)	7,593.2
-8	(\$422,041)	90.88	-8	(\$3,806,939)	7,634.0
-9	(\$474,796)	90.69	-9	(\$4,282,807)	7,674.9
-10	(\$527,551)	90.51	-10	(\$4,758,674)	7,715.8
					7,756.6
					7,797.5

Equivalent Availability
Weighting Factor:

0.48%

Heat Rate
Weighting Factor:

9.08%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida

Period of: January 2018 - December 2018

Hines 2

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
10	\$5,452,135	80.88	10	\$1,948,151	7,006.8
9	\$4,906,922	79.69	9	\$1,753,336	7,034.2
8	\$4,361,708	78.50	8	\$1,558,521	7,061.7
7	\$3,816,495	77.31	7	\$1,363,706	7,089.2
6	\$3,271,281	76.12	6	\$1,168,891	7,116.7
5	\$2,726,068	74.93	5	\$974,075	7,144.1
4	\$2,180,854	73.74	4	\$779,260	7,171.6
3	\$1,635,641	72.54	3	\$584,445	7,199.1
2	\$1,090,427	71.35	2	\$389,630	7,226.6
1	\$545,214	70.16	1	\$194,815	7,254.1
0	\$0	68.97	0	\$0	7,281.5
-1	(\$1,112,693)	66.50	-1	(\$194,815)	7,356.5
-2	(\$2,225,386)	64.03	-2	(\$389,630)	7,431.5
-3	(\$3,338,080)	61.56	-3	(\$584,445)	7,459.0
-4	(\$4,450,773)	59.09	-4	(\$779,260)	7,486.5
-5	(\$5,563,466)	56.62	-5	(\$974,075)	7,514.0
-6	(\$6,676,159)	54.15	-6	(\$1,168,891)	7,541.4
-7	(\$7,788,853)	51.67	-7	(\$1,363,706)	7,568.9
-8	(\$8,901,546)	49.20	-8	(\$1,558,521)	7,596.4
-9	(\$10,014,239)	46.73	-9	(\$1,753,336)	7,623.9
-10	(\$11,126,932)	44.26	-10	(\$1,948,151)	7,651.4
					7,678.8
					7,706.3

Equivalent Availability
Weighting Factor:

10.41%

Heat Rate
Weighting Factor:

3.72%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Period of: January 2018 - December 2018

Hines 3

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
10	\$515,116	88.43	10	\$4,073,706	6,861.3
9	\$463,605	88.29	9	\$3,666,335	6,896.1
8	\$412,093	88.15	8	\$3,258,965	6,930.9
7	\$360,581	88.02	7	\$2,851,594	6,965.7
6	\$309,070	87.88	6	\$2,444,224	7,000.6
5	\$257,558	87.74	5	\$2,036,853	7,035.4
4	\$206,046	87.60	4	\$1,629,482	7,070.2
3	\$154,535	87.46	3	\$1,222,112	7,105.1
2	\$103,023	87.32	2	\$814,741	7,139.9
1	\$51,512	87.18	1	\$407,371	7,174.7
					7,209.6
0	\$0	87.04	0	\$0	7,284.6
					7,359.6
-1	(\$87,929)	86.75	-1	(\$407,371)	7,394.4
-2	(\$175,858)	86.47	-2	(\$814,741)	7,429.2
-3	(\$263,787)	86.18	-3	(\$1,222,112)	7,464.0
-4	(\$351,716)	85.89	-4	(\$1,629,482)	7,498.9
-5	(\$439,645)	85.61	-5	(\$2,036,853)	7,533.7
-6	(\$527,574)	85.32	-6	(\$2,444,224)	7,568.5
-7	(\$615,502)	85.03	-7	(\$2,851,594)	7,603.4
-8	(\$703,431)	84.75	-8	(\$3,258,965)	7,638.2
-9	(\$791,360)	84.46	-9	(\$3,666,335)	7,673.0
-10	(\$879,289)	84.18	-10	(\$4,073,706)	7,707.9

Equivalent Availability
Weighting Factor:

0.98%

Heat Rate
Weighting Factor:

7.78%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida

Period of: January 2018 - December 2018

Hines 4

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
10	\$2,710,687	87.98	10	\$2,679,106	6,786.4
9	\$2,439,619	87.50	9	\$2,411,195	6,806.8
8	\$2,168,550	87.03	8	\$2,143,285	6,827.3
7	\$1,897,481	86.56	7	\$1,875,374	6,847.8
6	\$1,626,412	86.09	6	\$1,607,463	6,868.2
5	\$1,355,344	85.61	5	\$1,339,553	6,888.7
4	\$1,084,275	85.14	4	\$1,071,642	6,909.1
3	\$813,206	84.67	3	\$803,732	6,929.6
2	\$542,137	84.19	2	\$535,821	6,950.0
1	\$271,069	83.72	1	\$267,911	6,970.5
0	\$0	83.25	0	\$0	6,990.9
-1	(\$529,185)	82.28	-1	(\$267,911)	7,065.9
-2	(\$1,058,370)	81.30	-2	(\$535,821)	7,140.9
-3	(\$1,587,556)	80.33	-3	(\$803,732)	7,161.4
-4	(\$2,116,741)	79.36	-4	(\$1,071,642)	7,181.9
-5	(\$2,645,926)	78.38	-5	(\$1,339,553)	7,202.3
-6	(\$3,175,111)	77.41	-6	(\$1,607,463)	7,222.8
-7	(\$3,704,297)	76.44	-7	(\$1,875,374)	7,243.2
-8	(\$4,233,482)	75.46	-8	(\$2,143,285)	7,263.7
-9	(\$4,762,667)	74.49	-9	(\$2,411,195)	7,284.1
-10	(\$5,291,852)	73.52	-10	(\$2,679,106)	7,304.6
					7,325.0
					7,345.5

Equivalent Availability
Weighting Factor:

5.17%

Heat Rate
Weighting Factor:

5.11%

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UNIT PERFORMANCE DATA

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2018 - December 2018

PLANT/UNIT Bartow 4	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	92.26	92.26	68.06	92.26	92.26	92.26	92.26	92.26	92.26	92.26	92.26	92.26	90.20
2. POF	0.00	0.00	24.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.05
3. EUOF	7.74	7.74	7.74	7.74	7.74	7.74	7.74	7.74	7.74	7.74	7.74	7.74	7.74
4. EUOR	7.74	7.74	7.74	7.74	7.74	7.74	7.74	7.74	7.74	7.74	7.74	7.74	7.74
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	690.5	623.7	690.5	668.3	690.5	668.3	690.5	690.5	668.3	690.5	668.3	690.5	8,130.6
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	53.5	48.3	53.5	51.7	53.5	51.7	53.5	53.5	51.7	53.5	51.7	53.5	629.4
9. POH & PPOH	0.0	0.0	180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	180.0
10. FOH & PFOH	44.3	40.0	44.3	42.9	44.3	42.9	44.3	44.3	42.9	44.3	42.9	44.3	521.5
11. MOH & PMOH	13.3	12.0	13.3	12.9	13.3	12.9	13.3	13.3	12.9	13.3	12.9	13.3	156.9
12. Oper. Btu(MBtu)	3,728,255	3,630,382	3,639,840	4,507,520	4,668,329	4,555,498	4,773,155	4,559,386	4,236,263	3,957,909	3,836,532	3,331,520	49,822,365
13. Net Gen. (MWH)	448,222.0	448,639.0	434,177.0	599,345.0	621,606.0	609,809.0	644,871.0	598,533.0	544,007.0	486,163.0	471,553.0	387,312.0	6,294,237.0
14. ANOHR (Btu/KWH)	8,318	8,092	8,383	7,521	7,510	7,470	7,402	7,618	7,787	8,141	8,136	8,602	7,916
15. NOF (%)	60.1	66.6	58.2	83.0	83.3	84.5	86.5	80.3	75.4	65.2	65.3	51.9	71.7
16. NSC (MW)	1080	1080	1080	1080	1080	1080	1080	1080	1080	1080	1080	1080	1080
17. ANOHR Equation	ANOHR=	-34.745 x NOF +		10,406.1									

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2018 - December 2018

PLANT/UNIT Crystal River 4	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	94.27	77.45	24.36	94.27	94.30	94.29	94.29	94.28	94.29	94.38	94.29	94.31	87.06
2. POF	0.00	17.86	74.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.67
3. EUOF	5.73	4.69	1.44	5.73	5.70	5.71	5.71	5.72	5.71	5.62	5.71	5.69	5.26
4. EUOR	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74	5.74
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	710.6	525.8	178.9	687.6	706.8	685.0	708.1	709.5	685.7	697.6	685.0	705.8	7,686.3
7. RSH	1.2	2.4	5.0	1.2	5.2	4.0	3.8	2.4	3.2	14.8	4.0	6.2	53.4
8. UH	32.2	143.8	560.1	31.2	32.0	31.0	32.1	32.1	31.1	31.6	31.0	32.0	1020.3
9. POH & PPOH	0.0	120.0	552.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	672.0
10. FOH & PFOH	10.8	8.0	2.7	10.5	10.8	10.4	10.8	10.8	10.5	10.6	10.4	10.8	117.2
11. MOH & PMOH	31.8	23.5	8.0	30.8	31.6	30.7	31.7	31.7	30.7	31.2	30.7	31.6	344.0
12. Oper. Btu(MBtu)	4,226,678	3,068,484	1,106,865	4,148,178	4,091,642	4,118,467	4,315,573	4,350,817	4,014,141	3,751,183	3,780,445	3,186,470	44,249,794
13. Net Gen. (MWH)	421,983.0	304,631.0	111,890.0	415,941.0	405,263.0	412,541.0	434,121.0	438,543.0	398,866.0	364,315.0	369,593.0	298,152.0	4,375,839.0
14. ANOHR (Btu/KWH)	10,016	10,073	9,892	9,973	10,096	9,983	9,941	9,921	10,064	10,297	10,229	10,687	10,112
15. NOF (%)	83.4	81.4	87.8	85.0	80.5	84.6	86.1	86.8	81.7	73.3	75.8	59.3	80.0
16. NSC (MW)	712	712	712	712	712	712	712	712	712	712	712	712	712
17. ANOHR Equation	ANOHR=	-27.878 x NOF +		12,341.3									

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2018 - December 2018

PLANT/UNIT Crystal River 5	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	94.61	94.61	91.55	69.45	94.62	94.62	94.64	94.65	94.62	94.64	94.63	94.61	92.30
2. POF	0.00	0.00	3.23	26.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.47
3. EUOF	5.39	5.39	5.22	3.88	5.38	5.38	5.36	5.35	5.38	5.36	5.37	5.39	5.24
4. EUOR	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	716.5	646.2	693.4	499.0	714.2	691.1	712.1	711.0	692.3	712.7	689.8	715.6	8,193.8
7. RSH	0.4	1.4	0.4	10.2	2.8	2.8	5.0	6.2	1.6	4.4	4.2	1.4	40.8
8. UH	27.1	24.4	50.2	210.8	27.0	26.1	26.9	26.8	26.1	26.9	26.0	27.0	525.4
9. POH & PPOH	0.0	0.0	24.0	192.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	216.0
10. FOH & PFOH	24.7	22.3	23.9	17.2	24.6	23.8	24.5	24.5	23.8	24.5	23.8	24.6	282.2
11. MOH & PMOH	15.5	13.9	15.0	10.8	15.4	14.9	15.4	15.3	14.9	15.4	14.9	15.4	176.7
12. Oper. Btu(MBtu)	4,473,191	3,916,928	4,372,987	2,667,300	3,994,080	3,974,900	4,129,624	4,024,026	3,841,509	3,626,637	3,495,130	3,567,019	46,196,496
13. Net Gen. (MWH)	468,412.0	405,482.0	459,826.0	265,006.0	402,204.0	403,919.0	420,805.0	406,773.0	385,916.0	355,529.0	342,264.0	347,859.0	4,663,995.0
14. ANOHR (Btu/KWH)	9,550	9,660	9,510	10,065	9,930	9,841	9,814	9,893	9,954	10,201	10,212	10,254	9,905
15. NOF (%)	92.1	88.4	93.4	74.8	79.3	82.3	83.2	80.6	78.5	70.3	69.9	68.5	80.2
16. NSC (MW)	710	710	710	710	710	710	710	710	710	710	710	710	710
17. ANOHR Equation	ANOHR=	-29.847 x NOF +		12,297.8									

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2018 - December 2018

PLANT/UNIT Hines 1	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	97.87	97.86	50.51	78.30	97.84	97.85	97.85	97.86	97.86	97.87	98.12	99.17	92.36
2. POF	0.00	0.00	48.39	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.75
3. EUOF	2.13	2.14	1.10	1.70	2.16	2.15	2.15	2.14	2.14	2.13	1.88	0.83	1.89
4. EUOR	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	719.4	654.9	371.5	557.8	729.6	704.5	728.2	723.1	701.2	720.0	616.2	280.5	7,506.8
7. RSH	10.4	4.2	5.2	7.2	0.0	1.6	1.4	6.6	5.0	9.8	91.6	458.0	601.0
8. UH	14.2	12.9	367.3	155.0	14.4	13.9	14.4	14.3	13.8	14.2	12.2	5.5	652.2
9. POH & PPOH	0.0	0.0	360.0	144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	504.0
10. FOH & PFOH	12.8	11.7	6.6	9.9	13.0	12.5	13.0	12.9	12.5	12.8	11.0	5.0	133.6
11. MOH & PMOH	3.0	2.8	1.6	2.3	3.1	3.0	3.1	3.0	2.9	3.0	2.6	1.2	31.5
12. Oper. Btu(MBtu)	2,198,984	2,033,826	1,218,575	1,870,877	2,488,583	2,410,582	2,493,095	2,421,815	2,250,963	2,276,685	1,830,175	759,876	24,257,233
13. Net Gen. (MWH)	300,014.0	277,648.0	166,713.0	256,188.0	341,014.0	330,370.0	341,686.0	331,610.0	307,687.0	311,018.0	249,431.0	103,234.0	3,316,613.0
14. ANOHR (Btu/KWH)	7,330	7,325	7,309	7,303	7,298	7,297	7,296	7,303	7,316	7,320	7,337	7,361	7,314
15. NOF (%)	84.2	85.7	90.7	92.8	94.4	94.7	94.8	92.6	88.7	87.3	81.8	74.4	89.3
16. NSC (MW)	495	495	495	495	495	495	495	495	495	495	495	495	495
17. ANOHR Equation	ANOHR=	-3.146 x NOF +		7,594.6									

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2018 - December 2018

PLANT/UNIT Hines 2	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	70.23	71.12	72.37	23 84	71.34	71.23	71.99	71.26	70.11	72.22	75.47	85.56	68.97
2. POF	0.00	0.00	0.00	70 00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0 00	5.75
3. EUOF	29.77	28.88	27.63	6.16	28.66	28.77	28.01	28.74	29 89	27.78	24.53	14.44	25.27
4. EUOR	34.96	34.96	34.96	34.96	34.96	34.96	34.96	34.96	34.96	34.96	34.96	34.96	34.96
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	412.7	361 6	383.1	82.6	397 3	386 0	388.3	398.5	401.1	385.2	329.2	200.2	4,125.7
7. RSH	110 6	117 0	156.0	89.2	134 2	127 6	148.0	132.4	104.4	152.8	214.8	436.8	1923.8
8. UH	220.7	193.4	204.9	548.2	212.5	206.4	207.7	213.1	214.5	206.0	176.0	107.0	2710.5
9. POH & PPOH	0 0	0 0	0.0	504.0	0 0	0 0	0.0	0.0	0.0	0.0	0.0	0.0	504.0
10. FOH & PFOH	217.4	190.5	201.8	43.5	209 3	203 3	204.5	209.9	211.3	202.9	173.4	105.4	2173.2
11. MOH & PMOH	4.1	3 6	3.8	0.8	3.9	3 8	3.8	3.9	4.0	3.8	3.2	2.0	40.7
12. Oper. Btu(MBtu)	1,274,392	1,069,999	1,204,584	244,230	1,440,973	1,499,094	1,401,046	1,473,487	1,556,484	1,152,050	873,090	311,395	13,520,118
13. Net Gen. (MWH)	172,751 0	144,771 0	163,423.0	33,043.0	196,901 0	205,641 0	191,391.0	201,559.0	213,503.0	155,945.0	117,606.0	41,304.0	1,837,838.0
14. ANOHR (Btu/KWH)	7,377	7,391	7,371	7,391	7,318	7,290	7,320	7,310	7,290	7,388	7,424	7,539	7,357
15. NOF (%)	79.4	76 0	80.9	75.9	94 0	101.1	93.5	96.0	101.0	76.8	67.8	39.2	84.5
16. NSC (MW)	527	527	527	527	527	527	527	527	527	527	527	527	527
17. ANOHR Equation	ANOHR=	-4.024 x NOF +		7,696.7									

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2018 - December 2018

PLANT/UNIT Hines 3	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	96.59	96.61	96.59	96.59	96.65	96.60	96.60	96.61	67.68	10.71	96.75	97.70	87.04
2. POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00	88.71	0.00	0.00	10.00
3. EUOF	3.41	3.39	3.41	3.41	3.35	3.40	3.40	3.39	2.32	0.58	3.25	2.30	2.96
4. EUOR	3.42	3.42	3.42	3.42	3.42	3.42	3.42	3.42	3.42	3.42	3.42	3.42	3.42
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	717.1	643.3	716.5	693.7	704.0	692.6	714.8	714.0	471.5	122.3	660.9	482.9	7,333.5
7. RSH	1.8	6.2	2.4	2.0	15.4	3.2	4.2	5.0	16.0	41.4	36.0	244.2	377.8
8. UH	25.1	22.5	25.1	24.3	24.6	24.2	25.0	25.0	232.5	580.3	23.1	16.9	1048.7
9. POH & PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	216.0	660.0	0.0	0.0	876.0
10. FOH & PFOH	10.4	9.4	10.4	10.1	10.3	10.1	10.4	10.4	6.9	1.8	9.6	7.0	106.8
11. MOH & PMOH	14.9	13.4	14.9	14.4	14.6	14.4	14.9	14.9	9.8	2.5	13.7	10.0	152.5
12. Oper. Btu(MBtu)	2,218,037	1,995,329	2,314,568	2,372,959	2,293,430	2,428,594	2,451,162	2,359,435	1,449,517	239,051	1,933,421	1,255,961	23,335,393
13. Net Gen. (MWH)	303,455.0	273,076.0	318,326.0	328,788.0	315,755.0	337,648.0	339,739.0	325,430.0	198,171.0	31,410.0	262,860.0	168,748.0	3,203,406.0
14. ANOHR (Btu/KWH)	7,309	7,307	7,271	7,217	7,263	7,193	7,215	7,250	7,314	7,611	7,355	7,443	7,285
15. NOF (%)	81.2	81.5	85.3	91.0	86.1	93.6	91.2	87.5	80.7	49.3	76.3	67.1	83.8
16. NSC (MW)	521	521	521	521	521	521	521	521	521	521	521	521	521
17. ANOHR Equation	ANOHR=	-9.438 x NOF +		8,075.8									

Issued by: Duke Energy Florida

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

Original Sheet No. 7.107.1

ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2018 - December 2018

PLANT/UNIT Hines 4	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	89.39	89.23	89.01	89.44	89.28	89.26	89.25	89.54	89.53	63.78	41.72	89.40	83.25
2. POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.42	53.33	0.00	6.71
3. EUOF	10.61	10.77	10.99	10.56	10.72	10.74	10.75	10.46	10.47	8.80	4.94	10.60	10.04
4. EUOR	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	634.7	581.6	657.1	610.9	640.9	621.6	642.7	625.7	605.6	526.5	286.0	633.8	7,067.0
7. RSH	33.0	20.4	7.8	35.6	26.0	23.6	24.0	43.0	41.6	34.2	15.6	34.0	338.8
8. UH	76.3	70.0	79.1	73.5	77.1	74.8	77.3	75.3	72.8	183.3	418.4	76.2	1354.2
9. POH & PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	204.0	384.0	0.0	588.0
10. FOH & PFOH	74.2	68.0	76.8	71.4	74.9	72.7	75.1	73.1	70.8	61.5	33.4	74.1	826.0
11. MOH & PMOH	4.8	4.4	5.0	4.6	4.8	4.7	4.9	4.7	4.6	4.0	2.2	4.8	53.3
12. Oper. Btu(MBtu)	1,938,253	1,857,375	2,158,948	2,029,954	2,150,715	2,115,545	2,171,936	2,078,047	1,949,609	1,603,376	860,651	2,021,713	22,938,244
13. Net Gen. (MWH)	273,333.0	262,606.0	305,769.0	287,702.0	305,006.0	300,287.0	308,153.0	294,508.0	275,781.0	226,073.0	121,269.0	285,823.0	3,246,310.0
14. ANOHR (Btu/KWH)	7,091	7,073	7,061	7,056	7,051	7,045	7,048	7,056	7,069	7,092	7,097	7,073	7,066
15. NOF (%)	85.5	89.6	92.3	93.4	94.4	95.8	95.1	93.4	90.4	85.2	84.1	89.5	91.1
16. NSC (MW)	504	504	504	504	504	504	504	504	504	504	504	504	504
17. ANOHR Equation	ANOHR=	-4.435 x NOF +		7,470.2									

Issued by: Duke Energy Florida

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

PLANNED OUTAGE SCHEDULES

Duke Energy Florida
Period of: January 2018 - December 2018

<u>Plant/Unit</u>	<u>Planned Outage Dates</u>	<u>Reason for Outage</u>
Bartow 4	03/03 (0001) - 03/17 (2400)	2x0 first 8 days, 2x1 day 9-15, STM condenser cleaning, plus boroscopes A&C, B&D
Crystal River 4	02/24 (0001) - 03/23 (2400)	Balance of Plant, Gen Minor
Crystal River 5	03/31 (0001) - 04/08 (2400)	Flex
Hines 1	03/17 (0001) - 04/06 (2400)	Balance of Plant
Hines 2	04/07 (0001) - 04/27 (2400)	Combustion Inspection (CT A&B), Balance of Plant
Hines 3	09/22 (0001) - 10/31 (2400)	Full blk 33 days, 1x1 7 days, Controls Upgrade, Balance of Plant, Combustion Inspection CT A&B, CT Gen Major Rotor Out w/rewedge (A&B), ST-Gen Med. Insp
Hines 4	10/20 (0001) - 11/16 (2400)	1x1 for 7 days, Full b k 21 days, Balance of Plant, HGPI CT B

AVERAGE NET OPERATING HEAT RATE CURVES

DUKE ENERGY FLORIDA

Bartow Unit 4

ANOHR = -34.745 * NOF + 10,406.07

TABLE OF RESIDUALS

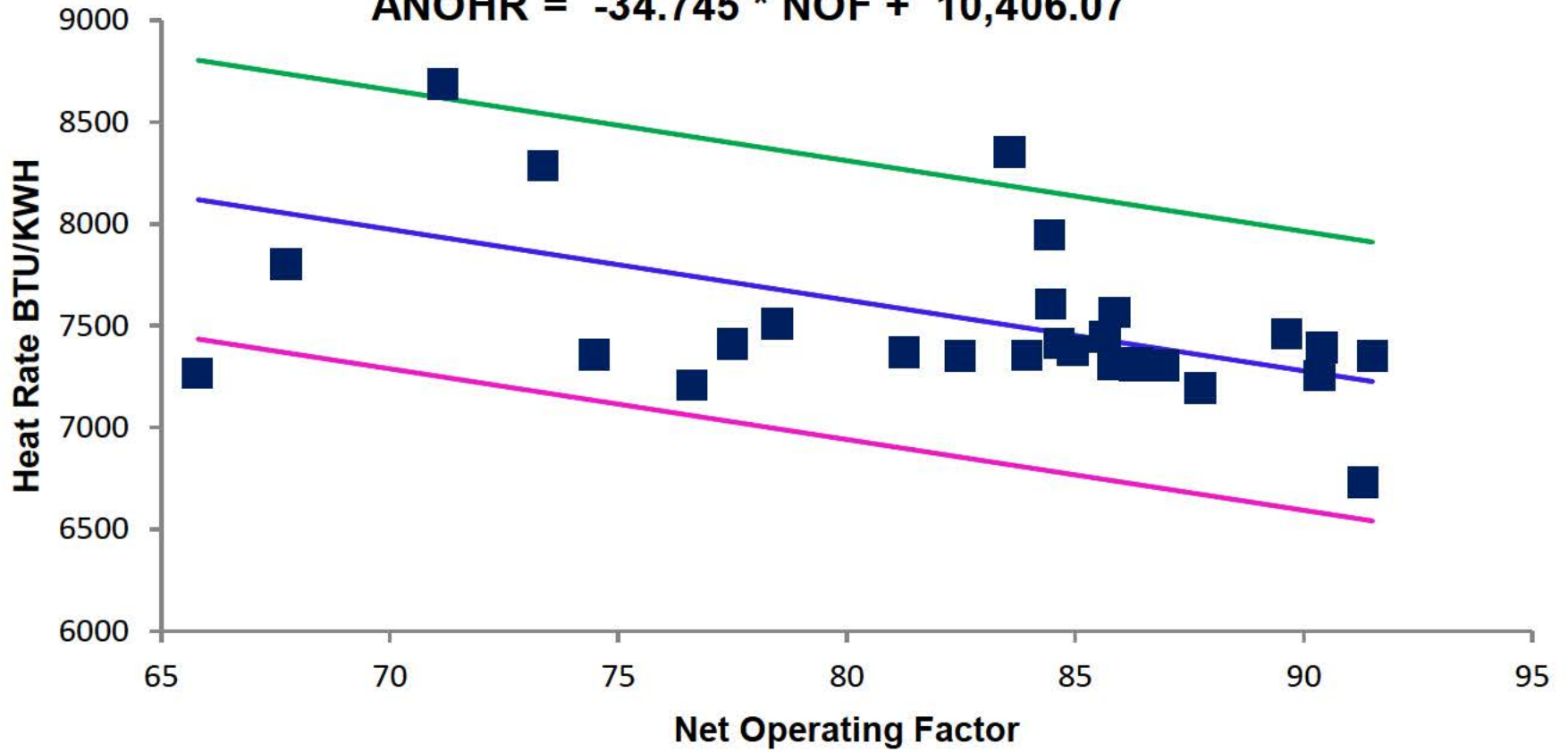
DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-14	89.6	7,460	7,292	168.4	684.7
Aug-14	91.3	6,731	7,234	-502.9	684.7
Sep-14	90.4	7,393	7,265	128.3	684.7
Oct-14	91.5	7,352	7,226	125.8	684.7
Jan-15	87.7	7,192	7,358	-165.4	684.7
Feb-15	83.9	7,356	7,490	-133.5	684.7
Apr-15	84.4	7,945	7,472	472.4	684.7
May-15	85.7	7,444	7,430	14.5	684.7
Jun-15	87.0	7,305	7,385	-80.4	684.7
Jul-15	67.7	7,801	8,052	-251.0	684.7
Aug-15	82.5	7,354	7,540	-186.4	684.7
Sep-15	78.5	7,509	7,679	-170.1	684.7
Oct-15	65.8	7,265	8,120	-854.9	684.7
Nov-15	77.5	7,410	7,713	-303.2	684.7
Dec-15	90.4	7,254	7,267	-12.4	684.7
Jan-16	85.0	7,378	7,454	-76.8	684.7
Feb-16	85.8	7,305	7,424	-118.7	684.7
Mar-16	76.6	7,205	7,744	-539.0	684.7
Apr-16	70.2	9,065	7,966	1098.7	684.7
Jun-16	83.6	8,352	7,503	849.4	684.7
Jul-16	86.3	7,303	7,408	-104.8	684.7
Aug-16	86.4	7,319	7,406	-86.4	684.7
Sep-16	84.7	7,414	7,465	-51.4	684.7
Oct-16	71.2	8,686	7,933	752.6	684.7
Dec-16	74.5	7,357	7,819	-461.5	684.7
Jan-17	81.3	7,367	7,583	-216.0	684.7
Apr-17	73.4	8,284	7,858	426.3	684.7
May-17	84.5	7,607	7,471	136.2	684.7
Jun-17	85.9	7,565	7,423	142.4	684.7

Regression Output:

Constant	10406.07
Std Err of Y Est	423.6034629
R Squared	0.267099535
No. of Observations	29
Degrees of Freedom	27
X Coefficient	-34.74479355
Std Err of Coef.	11.07627643

Bartow Unit 4

ANOHR = -34.745 * NOF + 10,406.07



DUKE ENERGY FLORIDA

Crystal River Unit 4

ANOHR -27.878 * NOF + 12,341.34

TABLE OF RESIDUALS

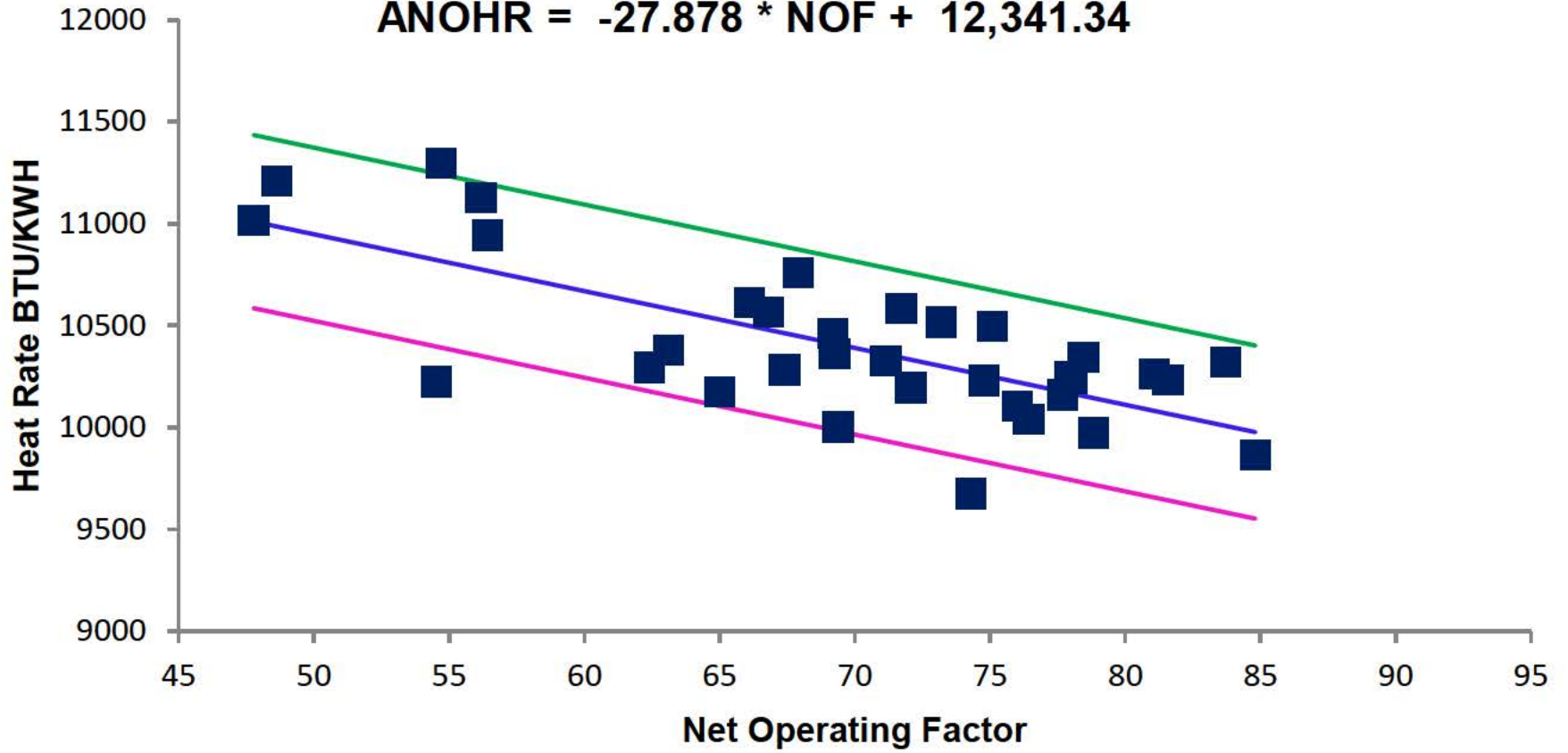
DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-14	74.3	9,674	10,270	-595.8	424.7
Aug-14	83.7	10,320	10,007	312.6	424.7
Sep-14	81.1	10,262	10,081	181.0	424.7
Oct-14	75.1	10,494	10,248	245.5	424.7
Nov-14	66.1	10,610	10,499	111.5	424.7
Dec-14	54.5	10,223	10,821	-598.0	424.7
Jan-15	69.3	10,360	10,411	-50.9	424.7
Feb-15	66.8	10,567	10,479	88.3	424.7
Mar-15	78.0	10,239	10,166	73.2	424.7
Apr-15	77.7	10,160	10,176	-15.6	424.7
May-15	71.2	10,326	10,358	-31.4	424.7
Jun-15	72.1	10,193	10,332	-138.5	424.7
Jul-15	71.7	10,582	10,341	240.6	424.7
Aug-15	67.9	10,757	10,448	308.5	424.7
Sep-15	69.2	10,458	10,412	45.6	424.7
Oct-15	63.1	10,378	10,582	-204.2	424.7
Nov-15	56.4	10,943	10,769	173.9	424.7
Dec-15	47.8	11,014	11,010	4.3	424.7
Jan-16	54.7	11,297	10,816	480.1	424.7
Feb-16	48.6	11,206	10,985	220.2	424.7
Apr-16	62.4	10,294	10,601	-307.6	424.7
May-16	56.2	11,124	10,775	348.3	424.7
Jun-16	78.5	10,344	10,154	190.0	424.7
Jul-16	84.8	9,862	9,977	-114.6	424.7
Aug-16	81.6	10,232	10,067	165.6	424.7
Sep-16	78.0	10,246	10,167	79.3	424.7
Oct-16	76.0	10,104	10,222	-118.9	424.7
Nov-16	65.0	10,176	10,528	-352.3	424.7
Dec-16	74.8	10,229	10,256	-27.1	424.7
Jan-17	67.4	10,282	10,462	-180.3	424.7
Feb-17	69.4	10,002	10,407	-404.9	424.7
Mar-17	78.8	9,972	10,144	-171.8	424.7
May-17	76.5	10,039	10,210	-171.5	424.7
Jun-17	73.2	10,516	10,301	214.8	424.7

Regression Output:

Constant	12341.34
Std Err of Y Est	262.0465154
R Squared	0.525505559
No. of Observations	34
Degrees of Freedom	32
X Coefficient	-27.87755511
Std Err of Coef.	4.682810687

Crystal River Unit 4

$$\text{ANOHR} = -27.878 * \text{NOF} + 12,341.34$$



DUKE ENERGY FLORIDA

Crystal River Unit 5

ANOHR -29.847 * NOF + 12,297.79

TABLE OF RESIDUALS

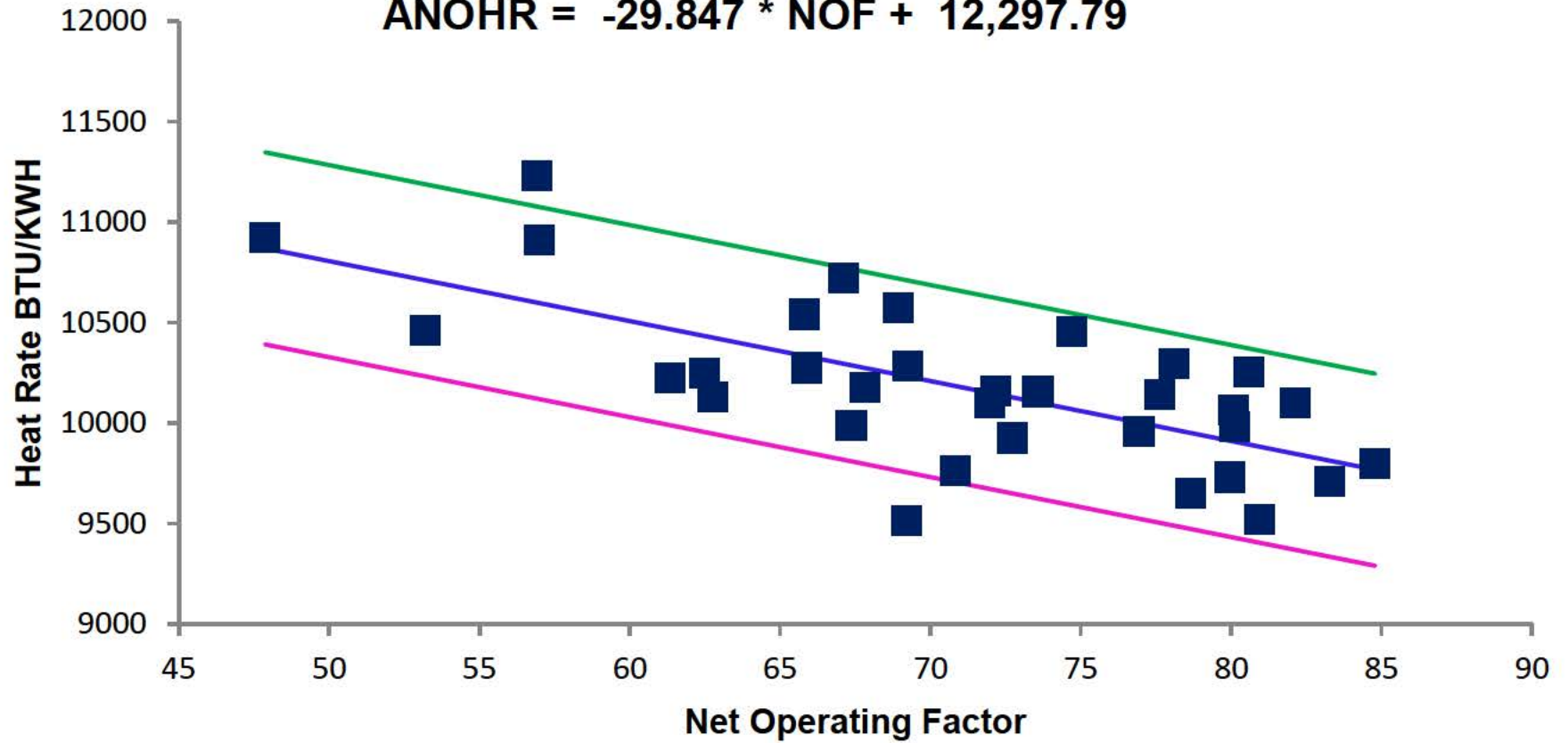
DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-14	81.0	9,517	9,881	-363.9	478.1
Aug-14	82.1	10,097	9,847	250.7	478.1
Sep-14	74.7	10,456	10,068	387.9	478.1
Oct-14	72.7	9,923	10,126	-203.8	478.1
Nov-14	78.7	9,649	9,950	-300.8	478.1
Dec-14	84.8	9,795	9,767	27.6	478.1
Jan-15	80.6	10,253	9,892	361.3	478.1
Feb-15	69.3	10,281	10,231	50.6	478.1
Mar-15	80.1	9,977	9,906	70.7	478.1
Apr-15	80.1	10,066	9,907	158.6	478.1
May-15	76.9	9,954	10,001	-47.1	478.1
Jun-15	72.0	10,100	10,149	-49.9	478.1
Jul-15	68.9	10,571	10,240	330.7	478.1
Aug-15	67.1	10,718	10,295	423.7	478.1
Sep-15	65.8	10,541	10,333	207.5	478.1
Oct-15	62.5	10,245	10,432	-187.8	478.1
Jan-16	56.9	11,230	10,599	630.2	478.1
Feb-16	47.9	10,921	10,869	51.7	478.1
Mar-16	53.2	10,460	10,710	-249.6	478.1
Apr-16	61.4	10,224	10,466	-242.2	478.1
May-16	57.0	10,912	10,596	316.1	478.1
Jun-16	77.6	10,140	9,981	159.0	478.1
Jul-16	83.3	9,705	9,812	-107.1	478.1
Aug-16	78.1	10,296	9,967	329.2	478.1
Sep-16	69.2	9,512	10,232	-719.4	478.1
Oct-16	65.9	10,272	10,331	-59.3	478.1
Nov-16	62.8	10,128	10,424	-295.3	478.1
Dec-16	72.2	10,160	10,143	16.7	478.1
Jan-17	67.8	10,176	10,274	-97.9	478.1
Feb-17	67.4	9,989	10,287	-298.2	478.1
Mar-17	70.8	9,762	10,184	-421.6	478.1
May-17	80.0	9,728	9,911	-182.2	478.1
Jun-17	73.6	10,155	10,101	53.9	478.1

Regression Output:

Constant	12297.79
Std Err of Y Est	295.1440979
R Squared	0.470951959
No. of Observations	33
Degrees of Freedom	31
X Coefficient	-29.84715327
Std Err of Coef.	5.681739526

Crystal River Unit 5

$$\text{ANOHR} = -29.847 * \text{NOF} + 12,297.79$$



DUKE ENERGY FLORIDA

Hines Unit 1

ANOHR -3.146 * NOF + 7,594.62

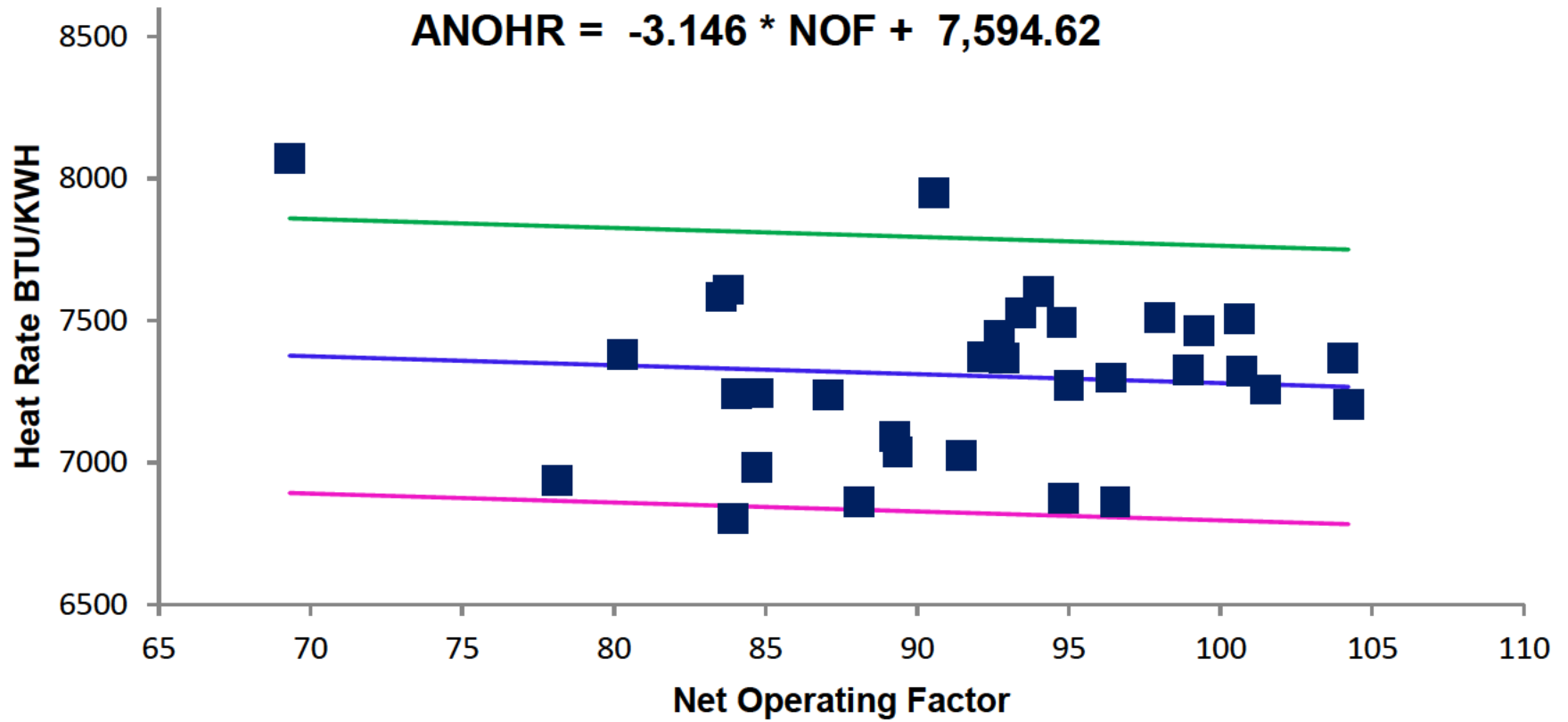
TABLE OF RESIDUALS

DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-14	94.0	7,601	7,299	302.0	483.6
Aug-14	98.0	7,511	7,286	224.2	483.6
Sep-14	96.5	6,863	7,291	-428.1	483.6
Oct-14	91.5	7,026	7,307	-281.3	483.6
Nov-14	100.6	7,507	7,278	228.7	483.6
Dec-14	100.7	7,321	7,278	43.1	483.6
Jan-15	99.3	7,463	7,282	181.2	483.6
Feb-15	104.0	7,368	7,267	100.8	483.6
Apr-15	96.4	7,298	7,291	7.0	483.6
May-15	94.8	6,875	7,296	-421.7	483.6
Jun-15	93.4	7,528	7,301	227.1	483.6
Jul-15	94.8	7,493	7,297	196.7	483.6
Aug-15	92.2	7,372	7,305	67.5	483.6
Sep-15	95.0	7,271	7,296	-24.4	483.6
Oct-15	98.9	7,327	7,283	44.0	483.6
Nov-15	92.7	7,449	7,303	146.3	483.6
Dec-15	90.6	7,949	7,310	639.6	483.6
Jan-16	89.3	7,090	7,314	-224.1	483.6
Feb-16	89.4	7,038	7,314	-275.4	483.6
Mar-16	83.8	7,608	7,331	277.3	483.6
May-16	80.3	7,380	7,342	37.9	483.6
Jun-16	83.6	7,583	7,332	251.5	483.6
Jul-16	84.1	7,243	7,330	-86.9	483.6
Aug-16	87.1	7,236	7,321	-84.3	483.6
Sep-16	84.8	7,244	7,328	-84.0	483.6
Oct-16	83.9	6,803	7,331	-527.5	483.6
Nov-16	84.7	6,980	7,328	-348.0	483.6
Dec-16	78.1	6,938	7,349	-410.4	483.6
Jan-17	88.1	6,861	7,317	-456.8	483.6
Feb-17	101.5	7,256	7,275	-19.0	483.6
Mar-17	104.2	7,204	7,267	-63.0	483.6
May-17	69.3	8,071	7,377	694.2	483.6
Jun-17	92.9	7,368	7,303	65.8	483.6

Regression Output:

Constant	7594.62
Std Err of Y Est	298.5520322
R Squared	0.007137768
No. of Observations	33
Degrees of Freedom	31
X Coefficient	-3.145610283
Std Err of Coef.	6.663268997

Hines Unit 1



DUKE ENERGY FLORIDA

Hines Unit 2

ANOHR -4.024 * NOF + 7,696.67

TABLE OF RESIDUALS

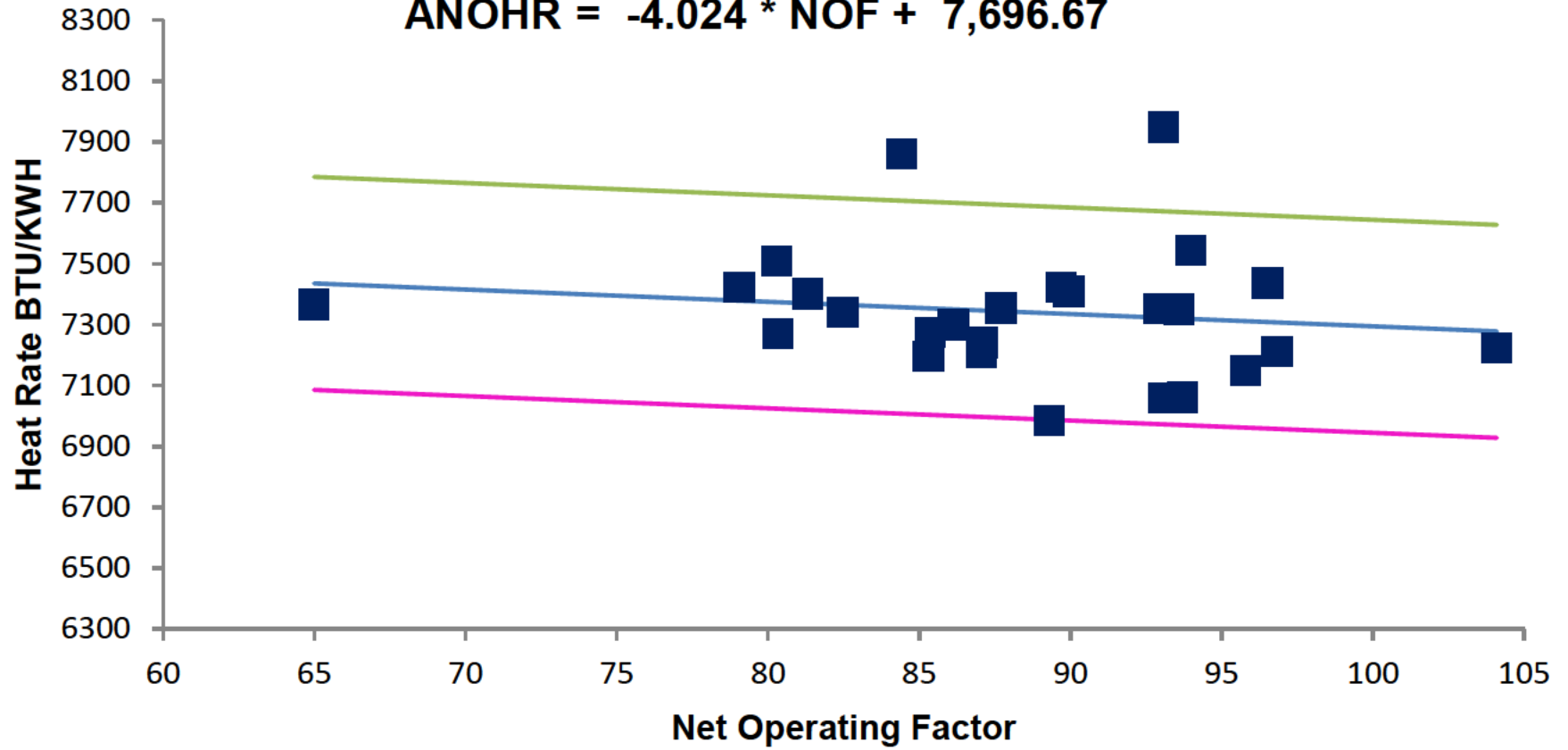
DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-14	82.5	7,340	7,365	-24.6	349.8
Jun-15	93.1	7,948	7,322	626.3	349.8
Jul-15	95.8	7,147	7,311	-163.9	349.8
Aug-15	93.7	7,061	7,320	-258.3	349.8
Sep-15	89.3	6,985	7,337	-352.8	349.8
Oct-15	96.8	7,212	7,307	-95.3	349.8
Nov-15	93.1	7,059	7,322	-262.7	349.8
Dec-15	92.9	7,352	7,323	28.9	349.8
Jan-16	81.3	7,402	7,369	32.3	349.8
Feb-16	80.3	7,509	7,374	135.3	349.8
Mar-16	80.4	7,270	7,373	-103.8	349.8
Apr-16	87.1	7,241	7,346	-105.6	349.8
May-16	85.3	7,193	7,353	-160.0	349.8
Jun-16	87.1	7,210	7,346	-136.6	349.8
Jul-16	85.4	7,274	7,353	-79.0	349.8
Aug-16	87.7	7,353	7,344	9.6	349.8
Sep-16	84.4	7,861	7,357	503.9	349.8
Oct-16	86.1	7,299	7,350	-51.1	349.8
Nov-16	79.1	7,422	7,379	43.0	349.8
Dec-16	65.0	7,365	7,435	-70.4	349.8
Jan-17	90.0	7,408	7,335	73.2	349.8
Feb-17	89.7	7,421	7,336	84.9	349.8
Mar-17	104.1	7,222	7,278	-55.9	349.8
Apr-17	94.0	7,543	7,318	224.8	349.8
May-17	93.6	7,350	7,320	29.9	349.8
Jun-17	96.5	7,436	7,308	127.6	349.8

Regression Output:

Constant	7696.67
Std Err of Y Est	216.8413779
R Squared	0.020906743
No. of Observations	26
Degrees of Freedom	24
X Coefficient	-4.023965224
Std Err of Coef.	5.621049868

Hines Unit 2

$$\text{ANOHR} = -4.024 * \text{NOF} + 7,696.67$$



DUKE ENERGY FLORIDA

Hines Unit 3

ANOHR -9.438 * NOF + 8,075.83

TABLE OF RESIDUALS

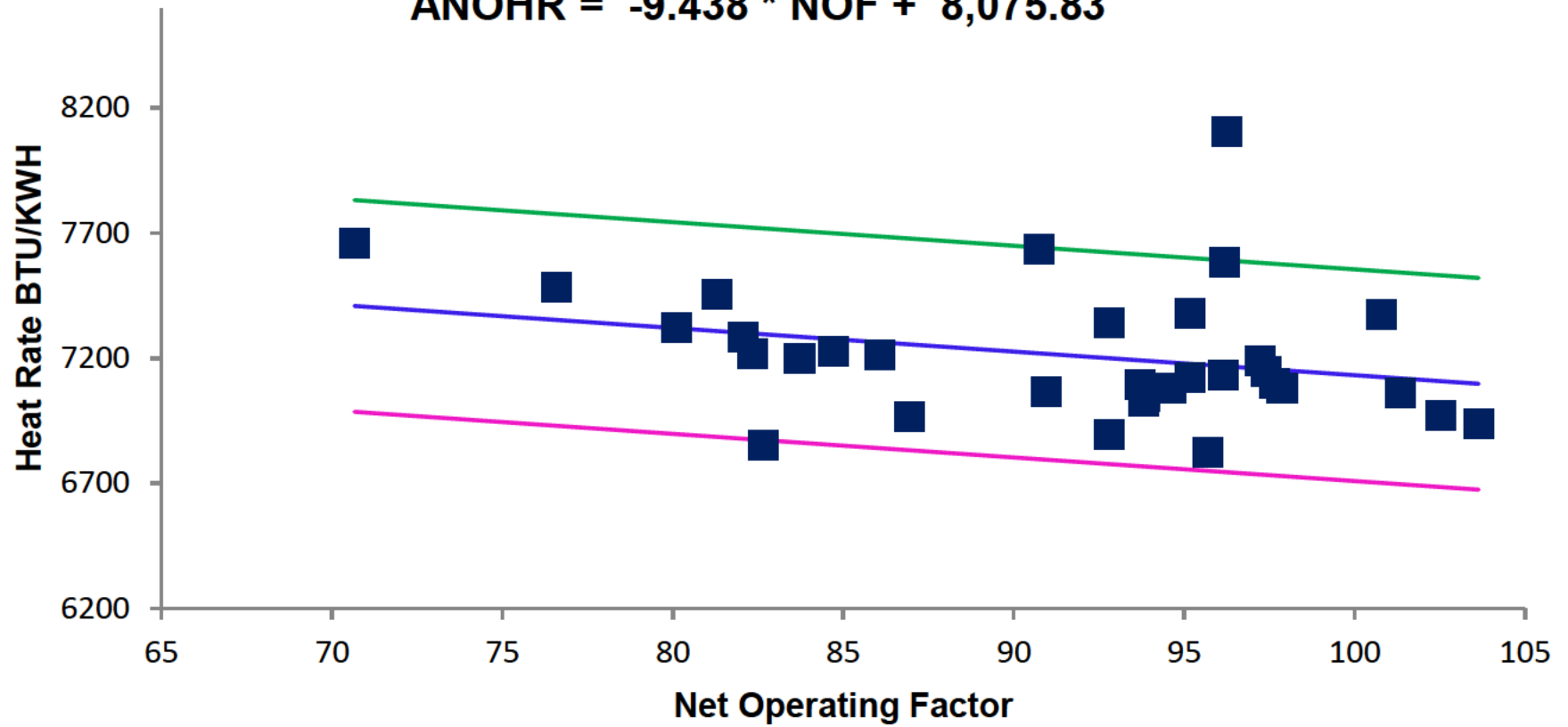
DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-14	93.8	7,028	7,191	-162.7	423.3
Aug-14	95.7	6,823	7,172	-349.7	423.3
Sep-14	96.3	8,107	7,167	939.5	423.3
Oct-14	96.2	7,580	7,168	412.3	423.3
Nov-14	103.6	6,938	7,098	-159.7	423.3
Dec-14	100.8	7,374	7,125	249.5	423.3
Jan-15	97.6	7,101	7,154	-53.8	423.3
Feb-15	102.5	6,971	7,108	-136.9	423.3
Mar-15	101.4	7,059	7,119	-59.8	423.3
Apr-15	97.4	7,147	7,157	-9.4	423.3
May-15	90.7	7,635	7,219	416.0	423.3
Jun-15	93.7	7,092	7,192	-99.9	423.3
Jul-15	94.6	7,082	7,183	-100.6	423.3
Aug-15	93.9	7,046	7,190	-144.0	423.3
Oct-15	97.2	7,187	7,158	29.1	423.3
Nov-15	92.8	6,893	7,200	-307.2	423.3
Dec-15	91.0	7,068	7,217	-149.6	423.3
Jan-16	86.1	7,213	7,263	-50.1	423.3
Feb-16	82.1	7,285	7,301	-16.7	423.3
Mar-16	82.4	7,218	7,299	-80.3	423.3
Apr-16	83.7	7,198	7,286	-87.6	423.3
Jun-16	81.3	7,457	7,309	148.7	423.3
Jul-16	84.7	7,225	7,276	-51.7	423.3
Aug-16	87.0	6,966	7,255	-289.4	423.3
Sep-16	82.7	6,850	7,296	-445.2	423.3
Oct-16	76.6	7,485	7,353	131.7	423.3
Nov-16	70.7	7,656	7,409	247.4	423.3
Dec-16	80.1	7,320	7,320	0.3	423.3
Jan-17	95.2	7,376	7,178	198.4	423.3
Feb-17	95.2	7,124	7,177	-53.3	423.3
Apr-17	97.9	7,080	7,152	-71.6	423.3
May-17	92.8	7,342	7,200	142.2	423.3
Jun-17	96.2	7,132	7,168	-35.9	423.3

Regression Output:

Constant	8075.83
Std Err of Y Est	261.3138088
R Squared	0.078926537
No. of Observations	33
Degrees of Freedom	31
X Coefficient	-9.437626194
Std Err of Coef.	5.790519609

Hines Unit 3

$$\text{ANOHR} = -9.438 * \text{NOF} + 8,075.83$$



DUKE ENERGY FLORIDA

Hines Unit 4

ANOHR -4.435 * NOF + 7,470.17

TABLE OF RESIDUALS

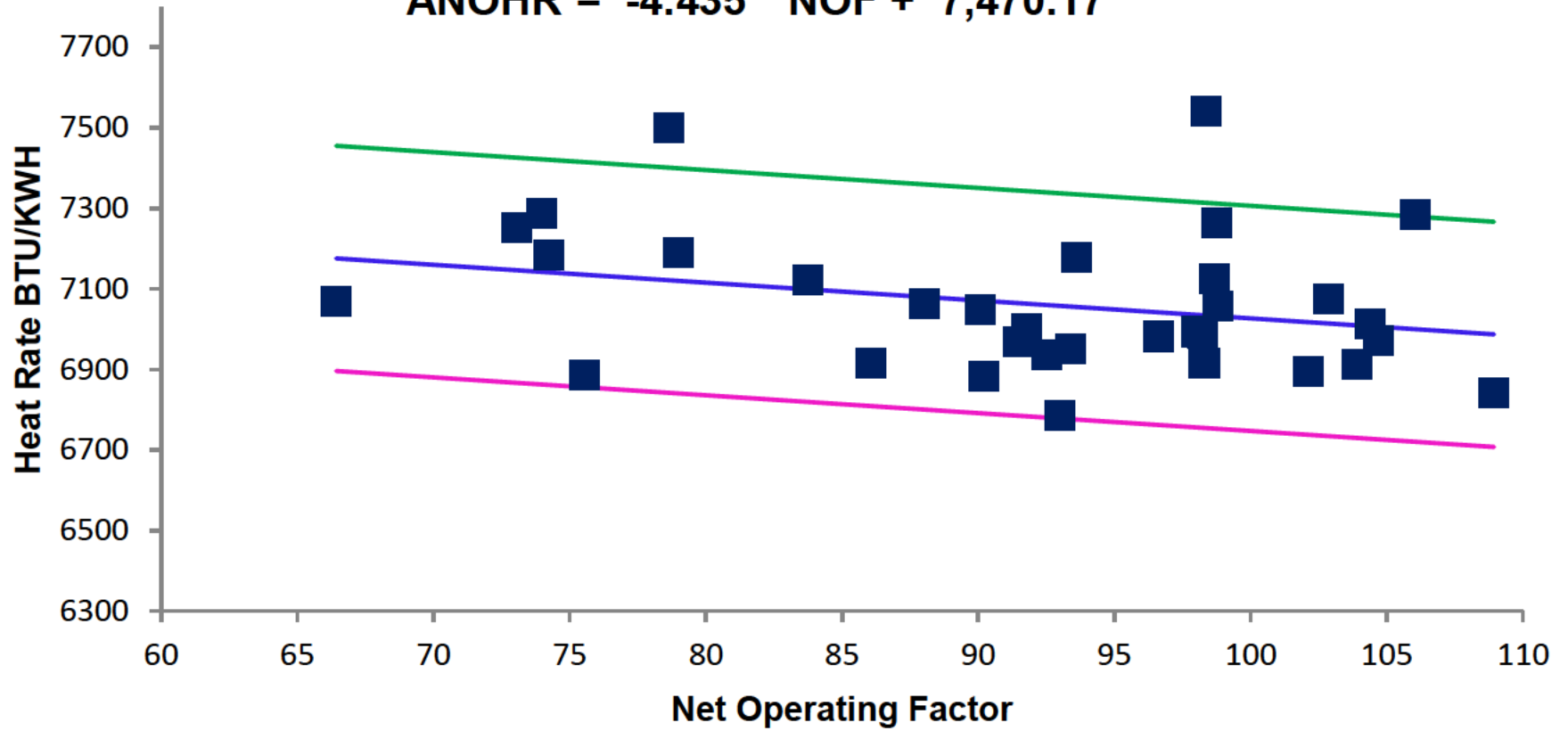
DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-14	98.3	6,916	7,034	-118.6	279.6
Aug-14	98.8	7,264	7,032	231.5	279.6
Oct-14	88.0	7,062	7,080	-17.5	279.6
Nov-14	74.0	7,288	7,142	145.7	279.6
Dec-14	90.2	6,882	7,070	-187.6	279.6
Jan-15	103.9	6,911	7,009	-97.8	279.6
Feb-15	102.1	6,895	7,017	-122.7	279.6
Mar-15	104.7	6,972	7,006	-34.3	279.6
Apr-15	98.7	7,123	7,033	90.8	279.6
May-15	98.4	7,541	7,034	507.1	279.6
Jun-15	93.6	7,178	7,055	123.5	279.6
Jul-15	98.8	7,055	7,032	23.4	279.6
Aug-15	98.3	6,988	7,034	-46.2	279.6
Sep-15	96.7	6,982	7,042	-59.4	279.6
Oct-15	78.7	7,498	7,121	377.0	279.6
Nov-15	75.6	6,885	7,135	-249.6	279.6
Dec-15	93.0	6,784	7,058	-273.9	279.6
Jan-16	92.5	6,937	7,060	-123.0	279.6
Feb-16	91.8	7,001	7,063	-62.3	279.6
Mar-16	91.5	6,969	7,064	-95.5	279.6
Apr-16	90.1	7,047	7,071	-23.2	279.6
May-16	74.2	7,184	7,141	42.8	279.6
Aug-16	83.7	7,122	7,099	23.3	279.6
Sep-16	86.1	6,915	7,088	-173.2	279.6
Oct-16	73.1	7,250	7,146	104.1	279.6
Nov-16	66.4	7,068	7,176	-108.0	279.6
Dec-16	79.0	7,189	7,120	69.1	279.6
Jan-17	106.1	7,283	7,000	283.6	279.6
Feb-17	104.4	7,013	7,007	6.2	279.6
Mar-17	108.9	6,840	6,987	-146.8	279.6
Apr-17	102.9	7,074	7,014	59.5	279.6
May-17	93.4	6,951	7,056	-105.3	279.6
Jun-17	98.0	6,993	7,035	-42.6	279.6

Regression Output:

Constant	7470.17
Std Err of Y Est	172.5810222
R Squared	0.076314975
No. of Observations	33
Degrees of Freedom	31
X Coefficient	-4.435116674
Std Err of Coef.	2.771285514

Hines Unit 4

$$\text{ANOHR} = -4.435 * \text{NOF} + 7,470.17$$



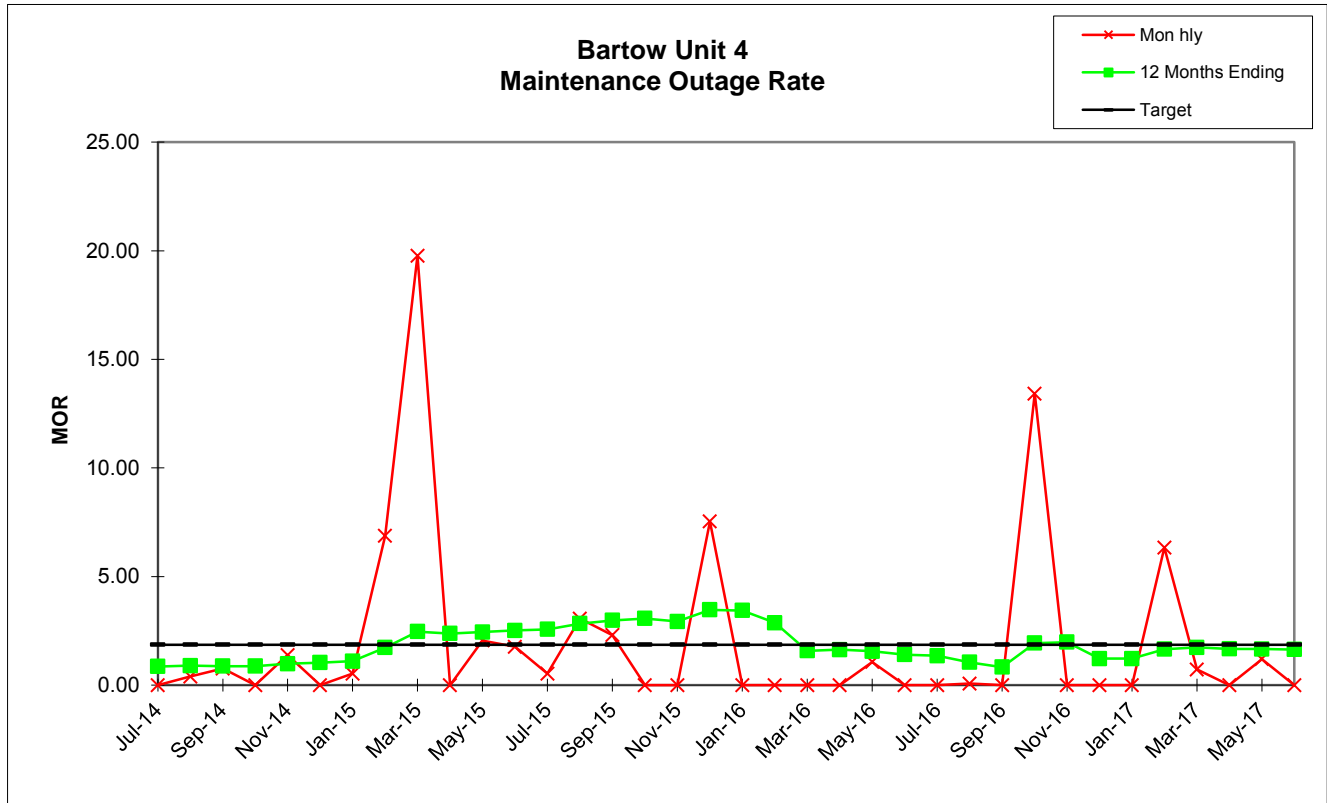
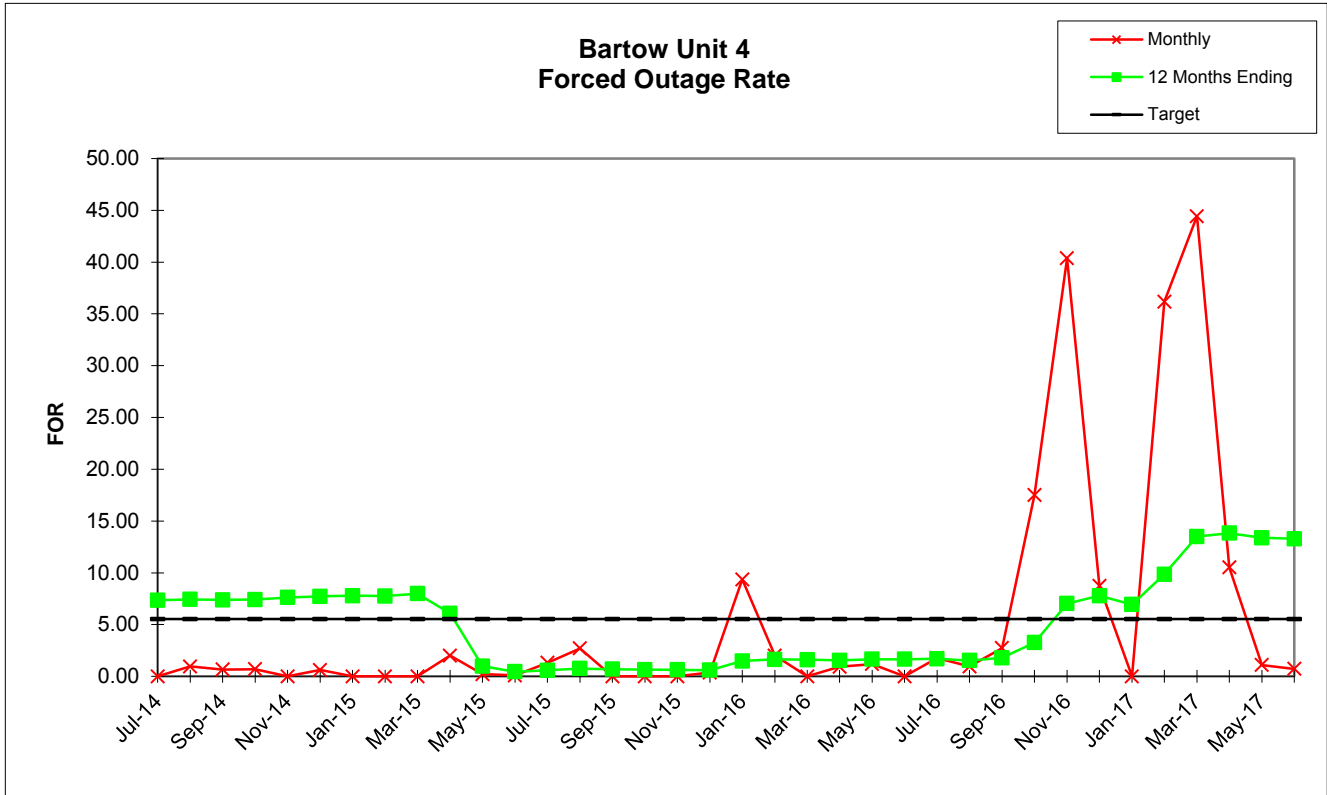
UNPLANNED OUTAGE RATE TABLES AND GRAPHS

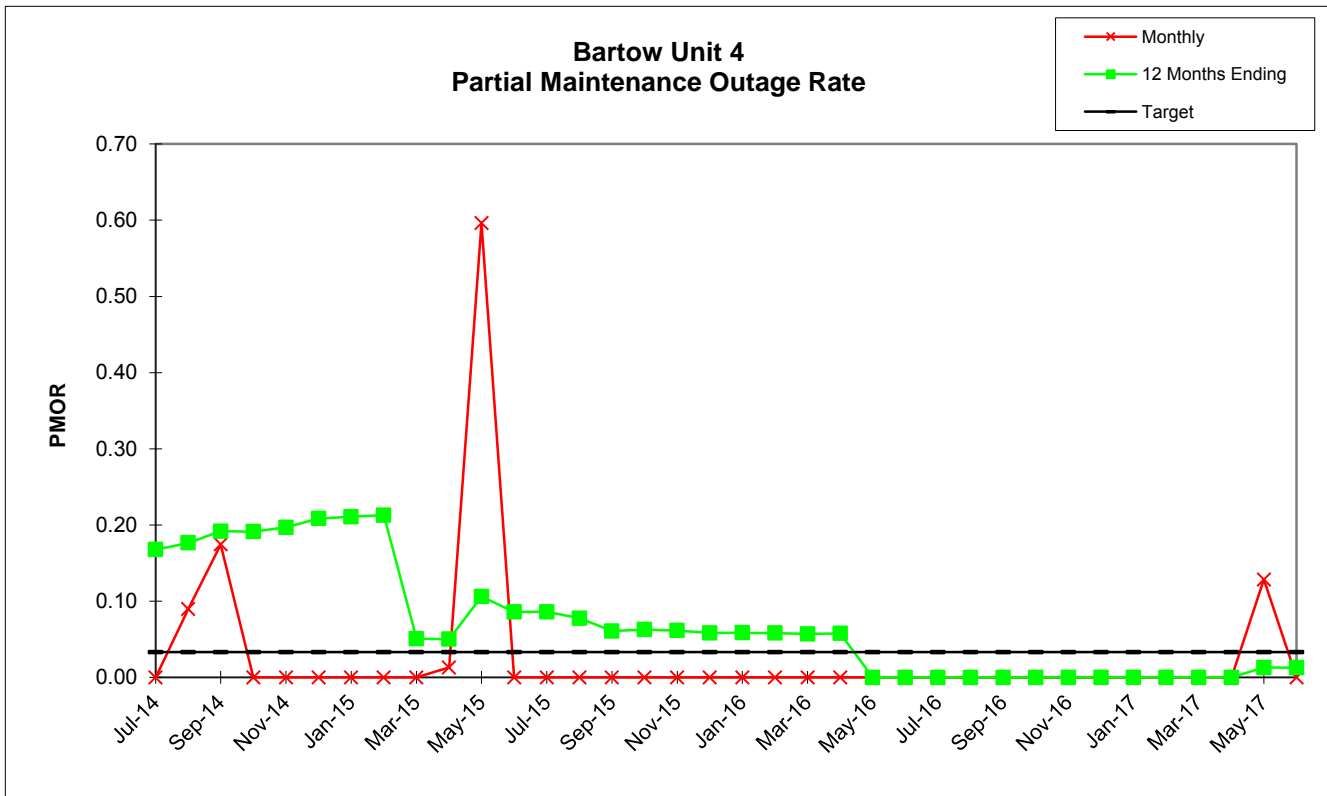
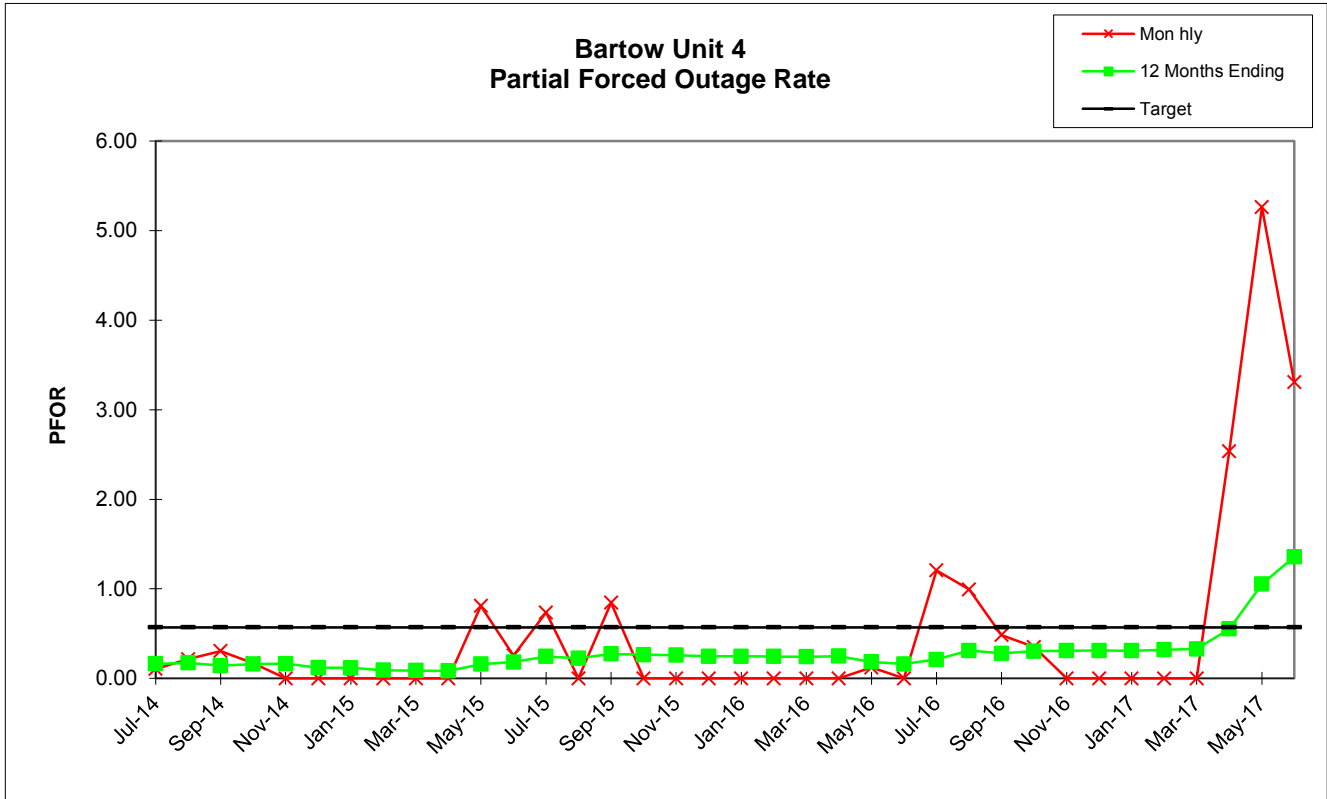
Bartow
Unit 4

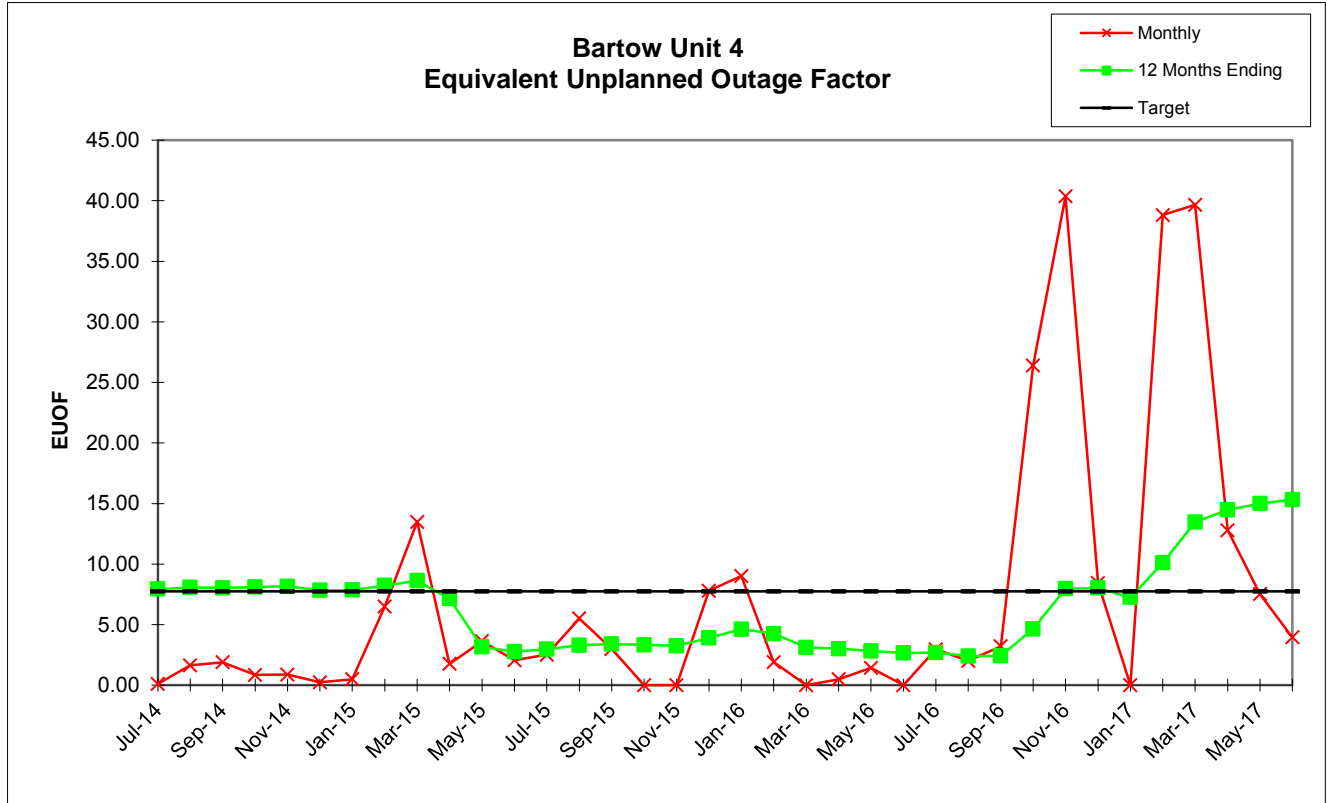
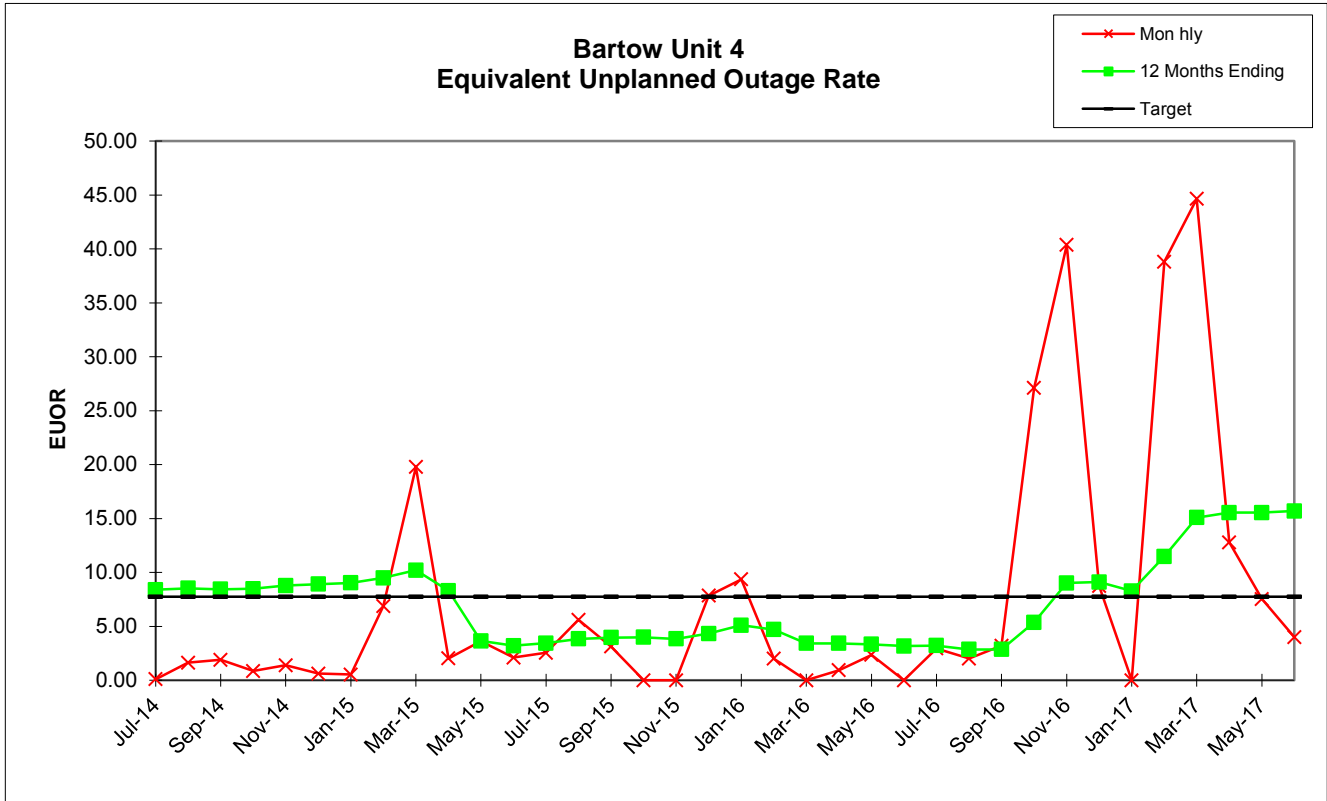
	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00
SER HOURS	744.00	734.05	709.77	729.45	449.39	285.41	669.89	591.55	406.16	614.52	726.67	692.25	716.81	690.70	670.45	516.38	585.59	680.70
RSH	0.00	0.00	0.00	9.48	48.56	96.44	12.21	36.36	13.99	12.02	0.55	14.65	13.83	12.27	15.47	9.75	14.49	5.32
UH	0.00	9.95	10.23	5.07	223.05	362.15	61.90	44.09	322.85	93.46	16.78	13.10	13.36	41.03	34.08	217.87	120.92	57.98
POH	0.00	0.00	0.00	0.00	216.73	360.37	58.32	0.45	222.76	80.85	0.00	0.00	0.00	0.00	18.24	217.87	120.92	0.00
FOH	0.00	7.04	4.74	5.07	0.00	1.78	0.00	0.00	0.00	12.61	1.53	0.65	9.56	19.19	0.00	0.00	0.00	2.51
MOH	0.00	2.91	5.48	0.00	6.32	0.00	3.58	43.65	100.09	0.00	15.25	12.45	3.80	21.84	15.84	0.00	0.00	55.47
PFOH	5.33	15.36	52.84	12.31	0.00	0.00	0.00	0.00	0.00	0.00	57.29	14.87	44.44	0.00	33.85	0.00	0.00	0.00
LRPF	156.80	109.50	44.08	107.66	0.00	0.00	0.00	0.00	0.00	0.00	119.12	137.56	137.54	0.00	193.99	0.00	0.00	0.00
EFOH	0.78	1.57	2.17	1.23	0.00	0.00	0.00	0.00	0.00	0.00	5.88	1.76	5.27	0.00	5.66	0.00	0.00	0.00
PMOH	0.00	6.47	12.15	0.00	0.00	0.00	0.00	0.00	0.00	3.42	34.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LRPM	0.00	109.56	109.47	0.00	0.00	0.00	0.00	0.00	0.00	27.04	144.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMOH	0.00	0.66	1.24	0.00	0.00	0.00	0.00	0.00	0.00	0.08	4.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPC	1074.00	1074.00	1074.00	1074.00	1074.00	1074.00	1160.00	1160.00	1160.00	1160.00	1160.00	1160.00	1160.00	1160.00	1160.00	1160.00	1160.00	1160.00
MONTHLY	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
FOR	0.00	0.95	0.66	0.69	0.00	0.62	0.00	0.00	0.00	2.01	0.21	0.09	1.32	2.70	0.00	0.00	0.00	0.37
MOR	0.00	0.39	0.77	0.00	1.39	0.00	0.53	6.87	19.77	0.00	2.06	1.77	0.53	3.07	2.31	0.00	0.00	7.53
PFOR	0.10	0.21	0.31	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.25	0.74	0.00	0.84	0.00	0.00	0.00
PMOR	0.00	0.09	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EUOR	0.10	1.64	1.89	0.86	1.39	0.62	0.53	6.87	19.77	2.02	3.63	2.11	2.55	5.61	3.13	0.00	0.00	7.85
EUOF	0.10	1.64	1.89	0.85	0.88	0.24	0.48	6.50	13.47	1.76	3.63	2.06	2.50	5.51	2.99	0.00	0.00	7.79
POF	0.00	0.00	0.00	0.00	30.06	48.44	7.84	0.07	29.98	11.23	0.00	0.00	0.00	0.00	2.53	29.28	16.77	0.00
EAF	99.90	98.36	98.11	99.15	69.06	51.32	91.68	93.44	56.55	87.01	96.37	97.94	97.50	94.49	94.48	70.72	83.23	92.21
12 MONTHS	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
FOR	7.35	7.43	7.38	7.42	7.62	7.73	7.79	7.75	7.99	6.08	0.99	0.45	0.58	0.75	0.69	0.64	0.63	0.61
MOR	0.86	0.90	0.88	0.87	0.98	1.04	1.10	1.73	2.47	2.38	2.45	2.52	2.57	2.83	2.98	3.07	2.93	3.47
PFOR	0.16	0.17	0.14	0.16	0.16	0.12	0.12	0.09	0.09	0.08	0.16	0.18	0.24	0.22	0.27	0.26	0.26	0.25
PMOR	0.17	0.18	0.19	0.19	0.20	0.21	0.21	0.21	0.05	0.05	0.11	0.09	0.09	0.08	0.06	0.06	0.06	0.06
EUOR	8.39	8.53	8.45	8.49	8.79	8.92	9.03	9.49	10.21	8.31	3.65	3.21	3.45	3.84	3.96	3.99	3.83	4.33
EUOF	7.94	8.07	8.03	8.10	8.17	7.84	7.87	8.24	8.63	7.14	3.16	2.77	2.98	3.31	3.40	3.32	3.25	3.89
POF	3.42	3.42	3.42	3.42	5.90	10.01	10.68	10.68	13.00	11.43	10.72	10.72	10.72	10.72	10.93	13.42	12.33	8.21
EAF	88.64	88.51	88.55	88.48	85.94	82.15	81.46	81.08	78.37	81.43	86.11	86.50	86.30	85.97	85.67	83.26	84.42	87.89

Bartow
Unit 4

	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
PER HOURS	744.00	696.00	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	648.71	645.84	548.91	375.56	440.49	612.16	730.81	736.37	700.33	529.72	429.97	653.16	677.03	411.15	365.44	644.23	725.55	703.35
RSH	28.26	36.95	23.14	0.00	4.59	0.00	0.00	0.00	0.00	19.78	0.00	28.24	66.97	0.00	41.78	0.00	1.65	11.50
UH	67.03	13.21	170.95	344.44	298.92	107.84	13.19	7.63	19.67	194.50	291.03	62.60	0.00	260.85	335.78	75.77	16.80	5.15
POH	0.00	0.00	170.95	340.93	288.85	107.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.05	0.00	0.00	0.00
FOH	67.03	13.21	0.00	3.51	5.33	0.00	13.19	7.08	19.67	112.38	291.03	62.60	0.00	233.06	292.09	75.77	8.01	5.15
MOH	0.00	0.00	0.00	0.00	4.74	0.00	0.00	0.56	0.00	82.12	0.00	0.00	0.00	27.79	2.65	0.00	8.79	0.00
PFOH	0.00	0.00	0.00	6.61	42.97	0.00	34.39	51.99	89.01	12.04	0.00	0.00	0.00	0.00	0.00	203.76	521.64	292.50
LRPF	0.00	0.00	0.00	0.00	14.41	0.00	297.87	163.49	44.29	179.07	0.00	0.00	0.00	0.00	0.00	89.83	81.97	89.06
EFOH	0.00	0.00	0.00	0.00	0.53	0.00	8.82	7.31	3.39	1.86	0.00	0.00	0.00	0.00	0.00	16.34	38.18	23.26
PMOH	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	22.45	0.00
LRPM	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	46.49	0.00
EMOH	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	0.93	0.00
NPC	1162.00	1162.00	1162.00	1162.00	1162.00	1162.00	1162.00	1162.00	1162.00	1162.00	1162.00	1162.00	1120.00	1120.00	1120.00	1120.00	1120.00	1120.00
MONTHLY	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
FOR	9.37	2.00	0.00	0.93	1.20	0.00	1.77	0.95	2.73	17.50	40.36	8.75	0.00	36.18	44.42	10.52	1.09	0.73
MOR	0.00	0.00	0.00	0.00	1.06	0.00	0.00	0.08	0.00	13.42	0.00	0.00	0.00	6.33	0.72	0.00	1.20	0.00
PFOR	0.00	0.00	0.00	0.00	0.12	0.00	1.21	0.99	0.48	0.35	0.00	0.00	0.00	0.00	0.00	2.54	5.26	3.31
PMOR	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	0.13	0.00
EUOR	9.37	2.00	0.00	0.93	2.35	0.00	2.96	2.01	3.20	27.11	40.36	8.75	0.00	38.82	44.65	12.79	7.53	4.01
EUOF	9.01	1.90	0.00	0.49	1.43	0.00	2.96	2.01	3.20	26.39	40.36	8.41	0.00	38.82	39.67	12.79	7.51	3.95
POF	0.00	0.00	23.01	47.35	38.82	14.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.52	0.00	0.00	0.00
EMOH	90.99	98.10	76.99	52.16	59.75	85.02	97.04	97.99	96.80	73.61	59.64	91.59	100.00	61.18	54.81	87.21	92.49	96.05
12 MONTHS	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
FOR	1.48	1.64	1.61	1.54	1.65	1.66	1.71	1.53	1.79	3.26	7.03	7.78	6.94	9.85	13.50	13.83	13.38	13.29
MOR	3.44	2.87	1.59	1.64	1.56	1.41	1.35	1.05	0.83	1.94	1.98	1.22	1.22	1.66	1.74	1.67	1.66	1.64
PFOR	0.25	0.24	0.24	0.25	0.18	0.16	0.21	0.31	0.28	0.30	0.31	0.31	0.31	0.32	0.33	0.55	1.05	1.36
PMOR	0.06	0.06	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
EUOR	5.11	4.71	3.43	3.42	3.33	3.17	3.21	2.86	2.86	5.36	9.02	9.11	8.28	11.48	15.09	15.54	15.54	15.70
EUOF	4.62	4.26	3.12	3.01	2.83	2.66	2.70	2.40	2.42	4.65	7.97	8.02	7.26	10.10	13.47	14.48	15.00	15.32
POF	7.55	7.52	6.93	9.89	13.18	14.41	14.41	14.41	14.20	11.72	10.34	10.34	10.34	10.37	8.89	5.00	1.70	0.47
EMOH	87.84	88.22	89.95	87.09	83.99	82.93	82.90	83.19	83.38	83.63	81.69	81.64	82.40	79.53	77.64	80.52	83.30	84.21





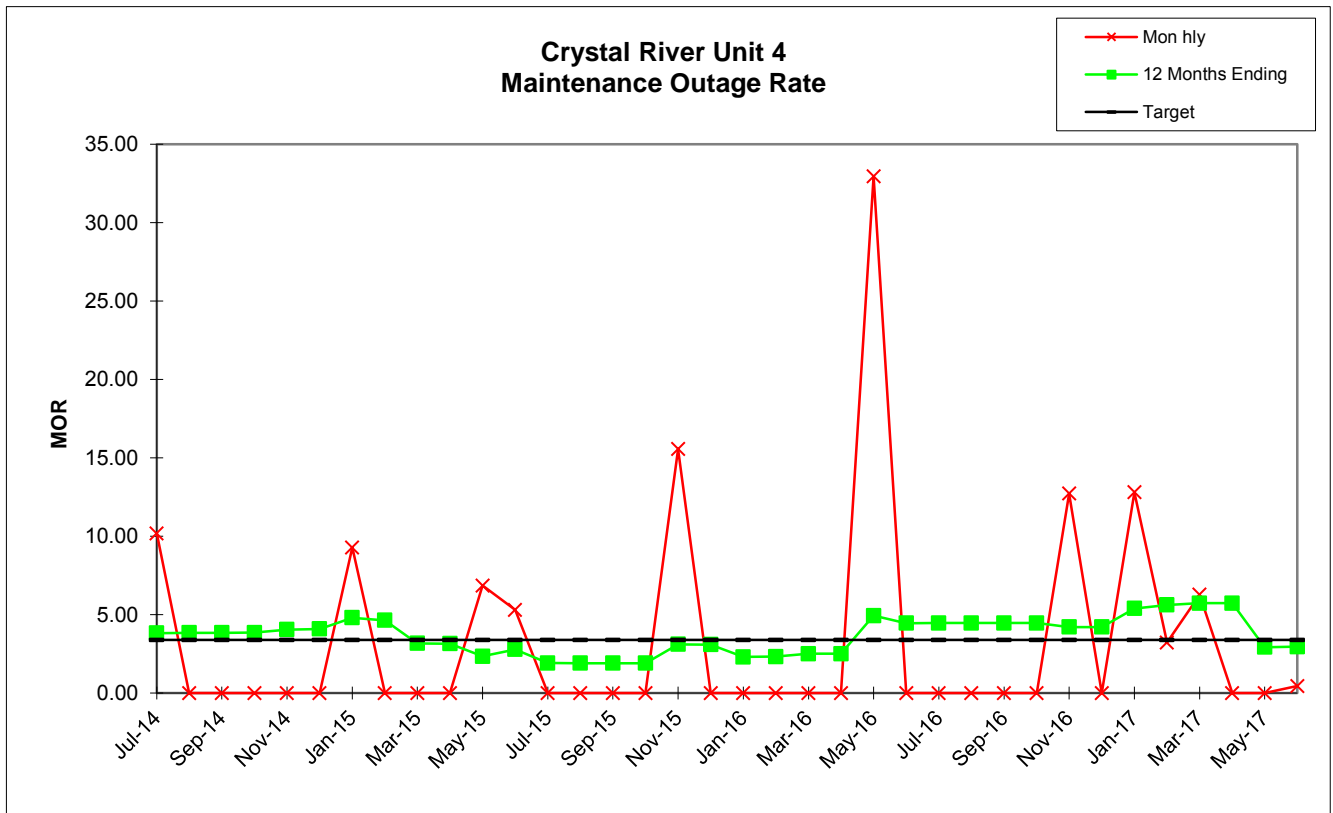
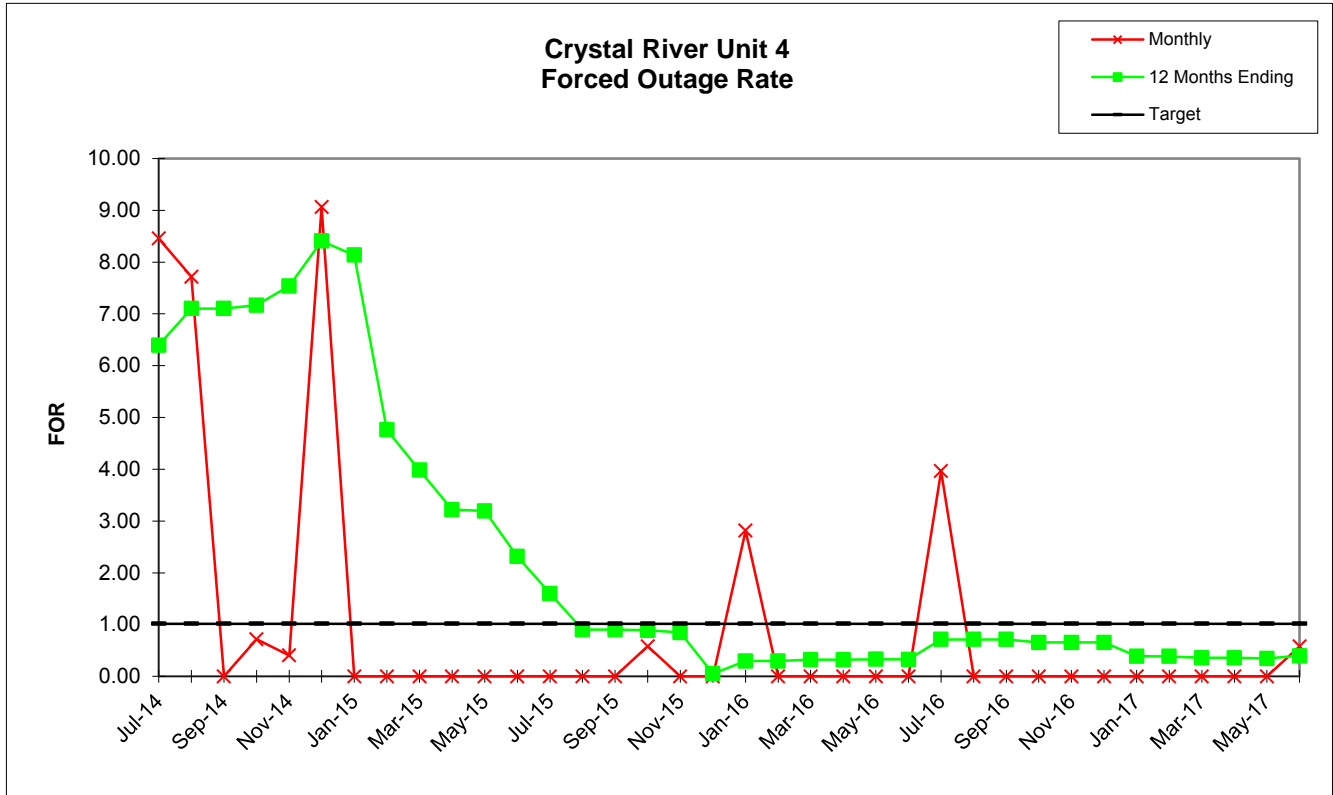


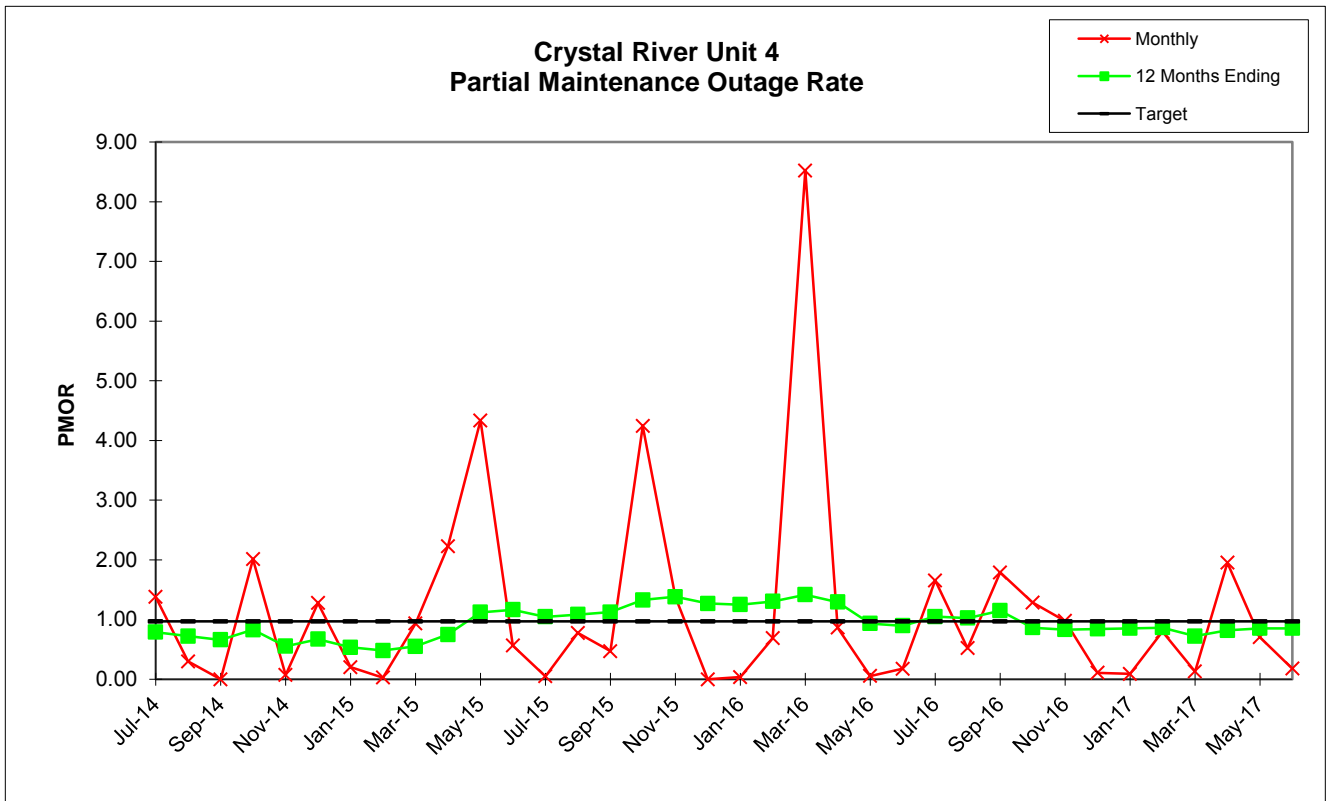
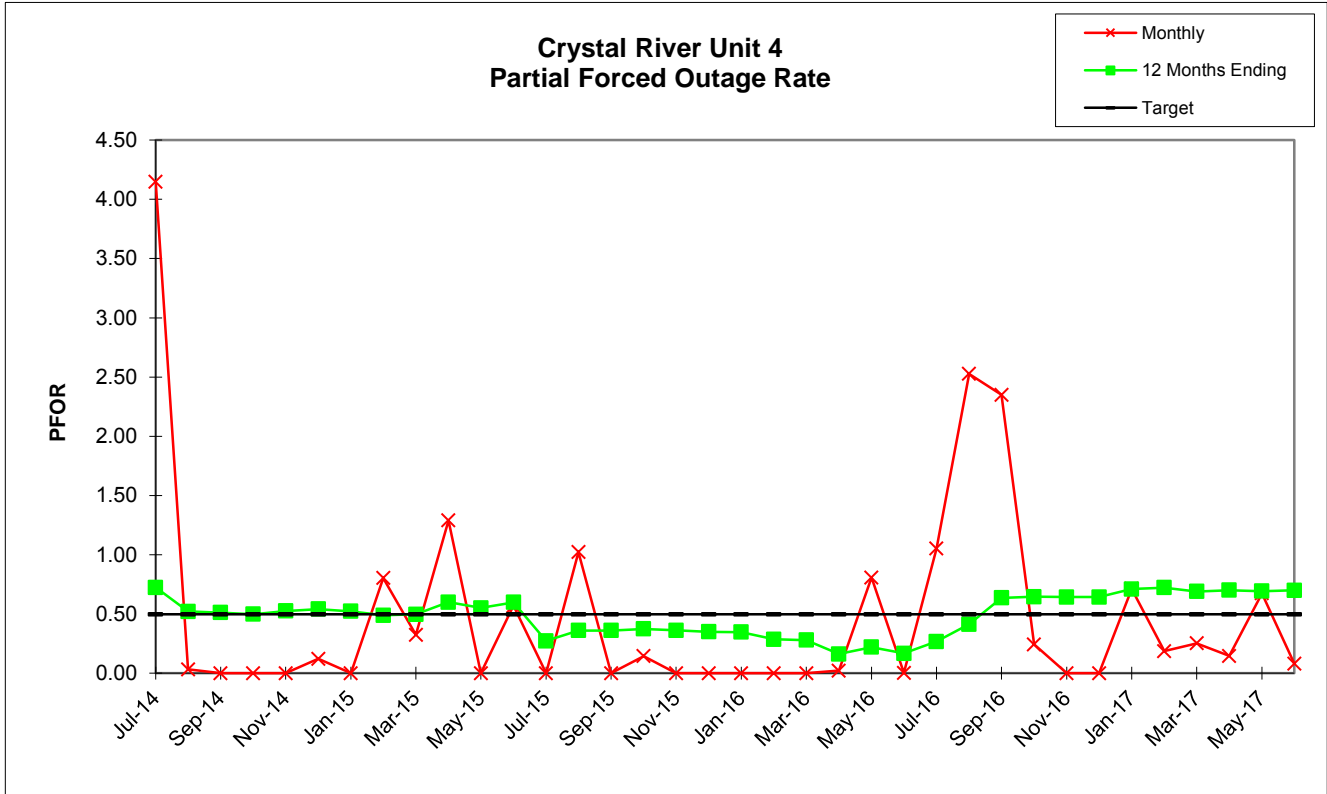
Crystal River
Unit 4

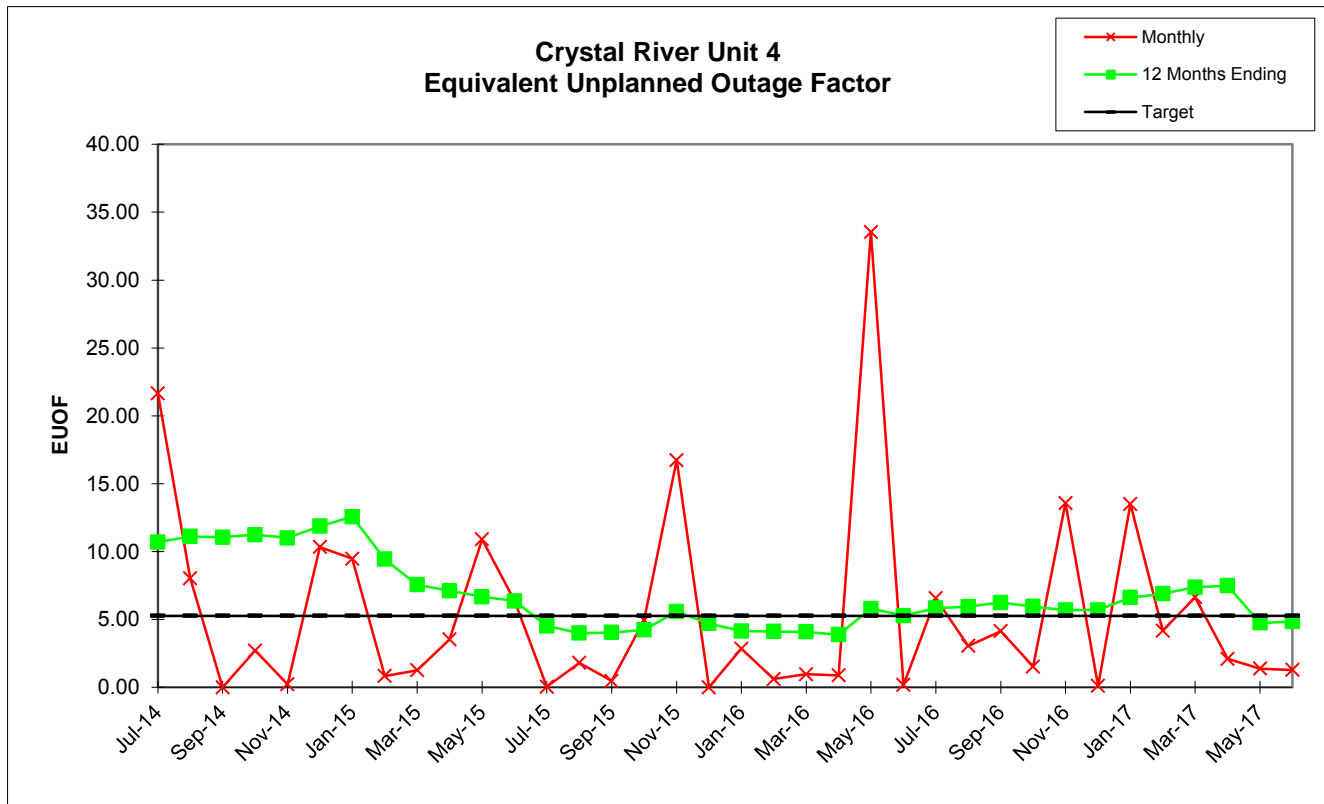
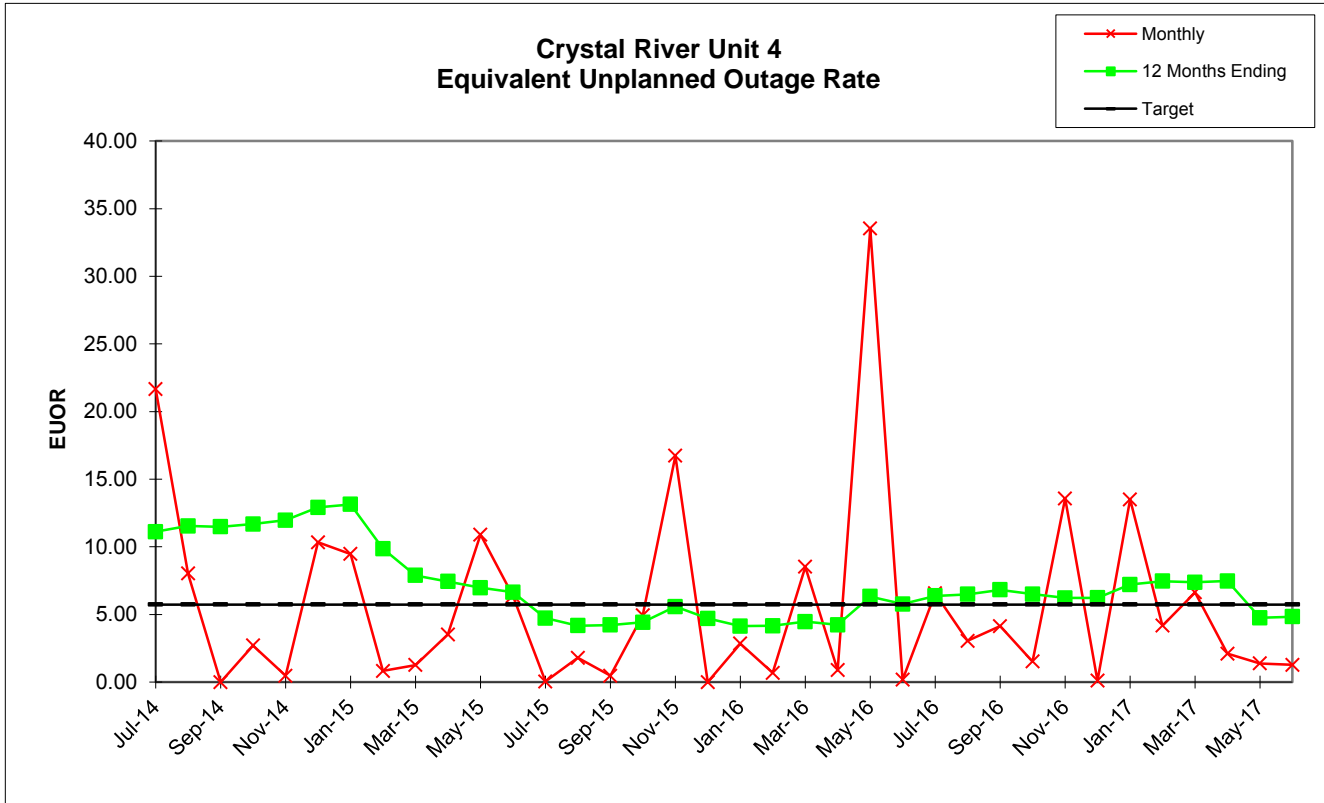
	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00
SER HOURS	617.02	686.58	720.00	738.68	339.82	676.58	674.92	672.00	743.00	720.00	692.95	681.78	744.00	744.00	720.00	739.68	608.77	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	126.98	57.42	0.00	5.32	381.18	67.42	69.08	0.00	0.00	0.00	51.05	38.22	0.00	0.00	0.00	4.32	112.23	0.00
POH	0.00	0.00	0.00	0.00	379.80	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	57.00	57.42	0.00	5.32	1.38	67.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.32	0.00	0.00
MOH	69.98	0.00	0.00	0.00	0.00	0.00	69.08	0.00	0.00	0.00	51.05	38.22	0.00	0.00	0.00	0.00	112.23	0.00
PFOH	72.78	2.33	0.00	0.00	0.00	6.28	0.00	17.42	10.25	19.68	0.00	8.25	0.00	21.42	0.00	7.08	0.00	0.00
LRPF	250.33	69.10	0.00	0.00	0.00	93.05	0.00	220.58	167.34	336.14	0.00	335.24	0.00	252.79	0.00	108.03	0.00	0.00
EFOH	25.59	0.23	0.00	0.00	0.00	0.82	0.00	5.40	2.41	9.29	0.00	3.88	0.00	7.61	0.00	1.07	0.00	0.00
PMOH	16.00	14.21	0.00	27.92	2.63	20.18	10.50	1.48	18.18	128.03	238.74	33.98	4.00	20.65	35.71	174.62	31.26	0.00
LRPM	379.00	103.05	0.00	378.95	65.08	305.10	93.00	93.21	271.95	89.18	89.61	80.63	65.00	198.85	67.41	127.94	191.25	0.00
EMOH	8.52	2.06	0.00	14.86	0.24	8.65	1.37	0.19	6.94	16.04	30.05	3.85	0.37	5.77	3.38	31.38	8.40	0.00
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-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
FOR	8.46	7.72	0.00	0.72	0.40	9.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.00	0.00
MOR	10.19	0.00	0.00	0.00	0.00	0.00	9.28	0.00	0.00	0.00	6.86	5.31	0.00	0.00	0.00	0.00	15.57	0.00
PFOR	4.15	0.03	0.00	0.00	0.00	0.12	0.00	0.80	0.32	1.29	0.00	0.57	0.00	1.02	0.00	0.15	0.00	0.00
PMOR	1.38	0.30	0.00	2.01	0.07	1.28	0.20	0.03	0.93	2.23	4.34	0.56	0.05	0.78	0.47	4.24	1.38	0.00
EUOR	21.65	8.02	0.00	2.71	0.47	10.33	9.47	0.83	1.26	3.52	10.90	6.38	0.05	1.80	0.47	4.94	16.73	0.00
EUOF	21.65	8.02	0.00	2.71	0.22	10.33	9.47	0.83	1.26	3.52	10.90	6.38	0.05	1.80	0.47	4.94	16.73	0.00
POF	0.00	0.00	0.00	0.00	52.68	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
EAF	78.35	91.98	100.00	97.29	47.10	89.67	90.53	99.17	98.74	96.48	89.10	93.62	99.95	98.20	99.53	95.06	83.27	100.00
12 MONTHS	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
FOR	6.40	7.10	7.10	7.17	7.54	8.41	8.13	4.76	3.98	3.22	3.19	2.31	1.60	0.90	0.90	0.89	0.85	0.05
MOR	3.82	3.85	3.85	3.85	4.05	4.09	4.81	4.64	3.18	3.15	2.34	2.79	1.92	1.91	1.91	1.91	3.11	3.09
PFOR	0.72	0.52	0.51	0.50	0.52	0.54	0.52	0.49	0.50	0.60	0.55	0.60	0.27	0.36	0.36	0.37	0.36	0.35
PMOR	0.79	0.72	0.66	0.83	0.55	0.67	0.53	0.48	0.55	0.75	1.12	1.16	1.05	1.08	1.13	1.33	1.38	1.27
EUOR	11.12	11.55	11.49	11.69	11.97	12.92	13.13	9.86	7.89	7.44	6.97	6.65	4.73	4.18	4.22	4.42	5.58	4.71
EUOF	10.70	11.11	11.05	11.25	11.00	11.87	12.57	9.44	7.55	7.12	6.67	6.36	4.53	4.00	4.04	4.23	5.58	4.71
POF	0.00	0.00	0.00	0.00	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	0.00	0.00
EAF	89.30	88.89	88.95	88.75	84.66	83.79	83.10	86.23	88.11	88.54	88.99	89.30	91.14	91.67	91.63	91.44	94.42	95.29

Crystal River
Unit 4

	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
PER HOURS	744.00	696.00	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	723.07	613.65	83.77	720.00	498.87	720.00	714.50	744.00	720.00	744.00	629.25	744.00	648.70	650.33	696.37	720.00	744.00	712.65
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	20.93	82.35	659.23	0.00	245.13	0.00	29.50	0.00	0.00	0.00	91.75	0.00	95.30	21.67	46.63	0.00	0.00	7.35
POH	0.00	82.35	659.23	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	20.93	0.00	0.00	0.00	0.00	0.00	29.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.15
MOH	0.00	0.00	0.00	0.00	245.13	0.00	0.00	0.00	0.00	0.00	91.75	0.00	95.30	21.67	46.63	0.00	0.00	3.20
PFOH	0.00	0.00	0.00	1.17	10.10	0.25	30.58	81.28	29.98	13.12	0.00	0.00	21.14	13.98	13.47	8.40	36.78	2.51
LRPF	0.00	0.00	0.00	92.74	284.00	65.00	175.02	164.65	401.81	98.29	0.00	0.00	155.46	61.94	92.98	89.23	97.16	164.06
EFOH	0.00	0.00	0.00	0.15	4.03	0.02	7.52	18.80	16.92	1.81	0.00	0.00	4.62	1.22	1.76	1.05	5.02	0.58
PMOH	2.00	17.28	54.67	45.96	3.00	13.67	32.80	21.58	75.60	73.23	41.23	6.22	4.50	14.81	7.00	46.03	40.05	9.76
LRPM	93.00	173.96	92.99	96.52	65.00	65.62	256.86	127.97	121.35	93.00	106.12	92.95	93.00	249.04	93.00	217.53	93.00	93.06
EMOH	0.26	4.22	7.14	6.23	0.27	1.26	11.83	3.88	12.89	9.57	6.15	0.81	0.59	5.18	0.91	14.06	5.23	1.28
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-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
FOR	2.81	0.00	0.00	0.00	0.00	0.00	3.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58
MOR	0.00	0.00	0.00	0.00	32.95	0.00	0.00	0.00	0.00	0.00	12.73	0.00	12.81	3.22	6.28	0.00	0.00	0.45
PFOR	0.00	0.00	0.00	0.02	0.81	0.00	1.05	2.53	2.35	0.24	0.00	0.00	0.71	0.19	0.25	0.15	0.67	0.08
PMOR	0.04	0.69	8.52	0.87	0.05	0.17	1.66	0.52	1.79	1.29	0.98	0.11	0.09	0.80	0.13	1.95	0.70	0.18
EUOR	2.85	0.69	8.52	0.89	33.53	0.18	6.57	3.05	4.14	1.53	13.58	0.11	13.51	4.18	6.64	2.10	1.38	1.28
EUOF	2.85	0.61	0.96	0.89	33.53	0.18	6.57	3.05	4.14	1.53	13.58	0.11	13.51	4.18	6.64	2.10	1.38	1.28
POF	0.00	11.83	88.73	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	97.15	87.56	10.31	99.11	66.47	99.82	93.43	96.95	95.86	98.47	86.42	99.89	86.49	95.82	93.36	97.90	98.62	98.72
12 MONTHS	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
FOR	0.30	0.30	0.32	0.32	0.33	0.33	0.71	0.71	0.71	0.66	0.65	0.65	0.39	0.39	0.36	0.36	0.35	0.40
MOR	2.31	2.32	2.51	2.51	4.93	4.46	4.47	4.47	4.47	4.47	4.22	4.22	5.39	5.62	5.73	5.73	2.92	2.96
PFOR	0.35	0.29	0.28	0.16	0.22	0.17	0.27	0.41	0.64	0.65	0.64	0.64	0.71	0.72	0.69	0.70	0.69	0.70
PMOR	1.25	1.31	1.42	1.29	0.94	0.90	1.05	1.03	1.15	0.86	0.83	0.84	0.86	0.86	0.72	0.82	0.85	0.85
EUOR	4.14	4.16	4.47	4.23	6.33	5.77	6.37	6.49	6.82	6.50	6.22	6.23	7.22	7.46	7.38	7.48	4.75	4.84
EUOF	4.14	4.12	4.09	3.88	5.79	5.28	5.84	5.94	6.24	5.95	5.70	5.70	6.61	6.90	7.38	7.48	4.75	4.84
POF	0.00	0.94	8.44	8.44	8.44	8.44	8.44	8.44	8.44	8.44	8.44	8.44	8.44	7.53	0.00	0.00	0.00	0.00
EAF	95.86	94.95	87.47	87.68	85.76	86.27	85.72	85.62	85.31	85.60	85.86	85.85	84.95	85.58	92.62	92.52	95.25	95.16





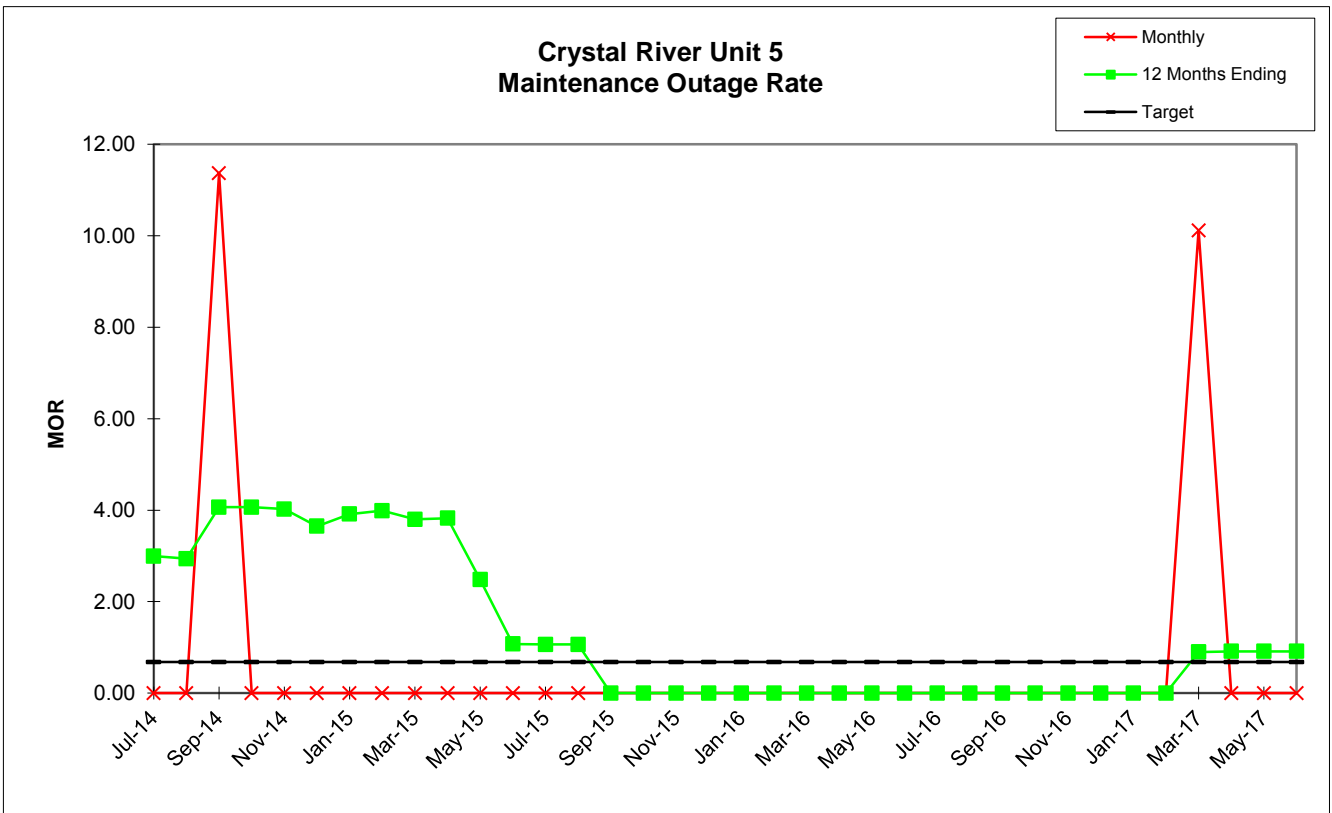
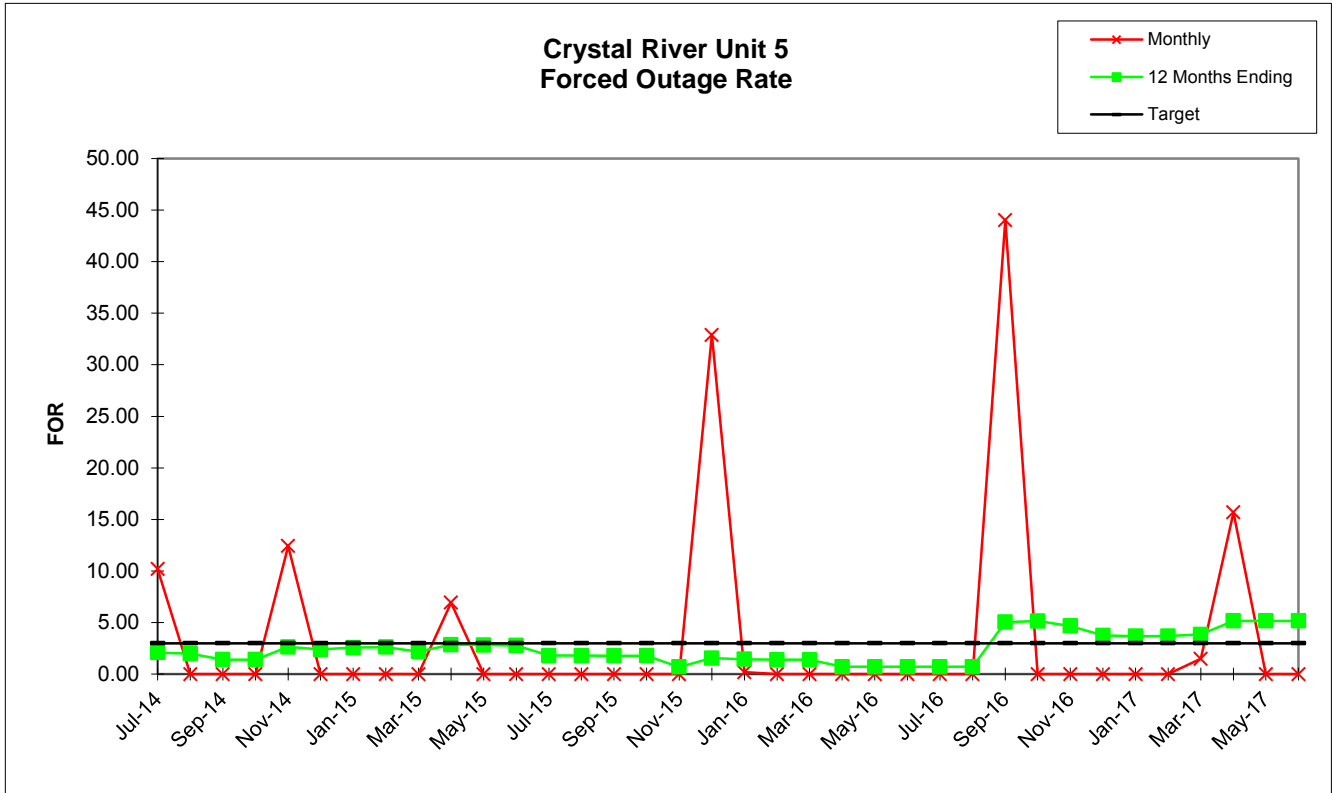


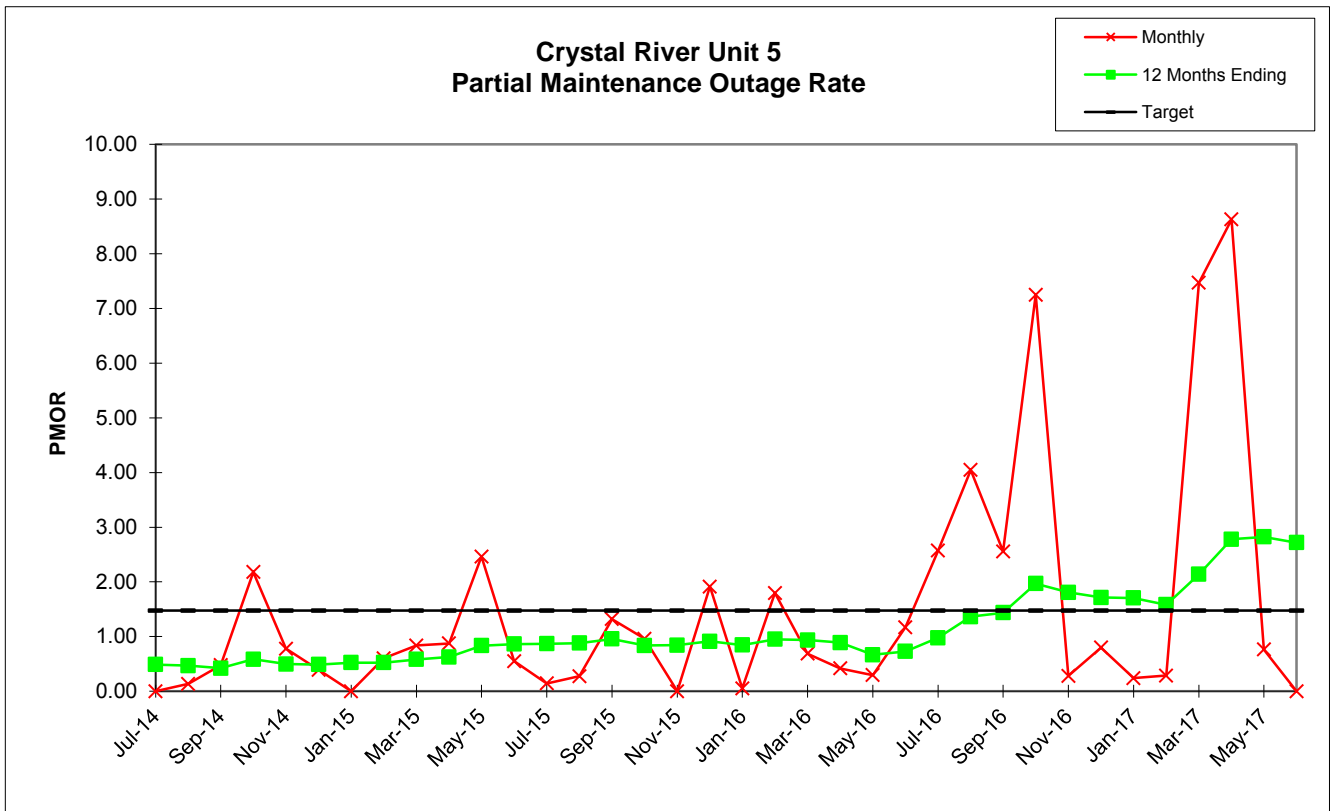
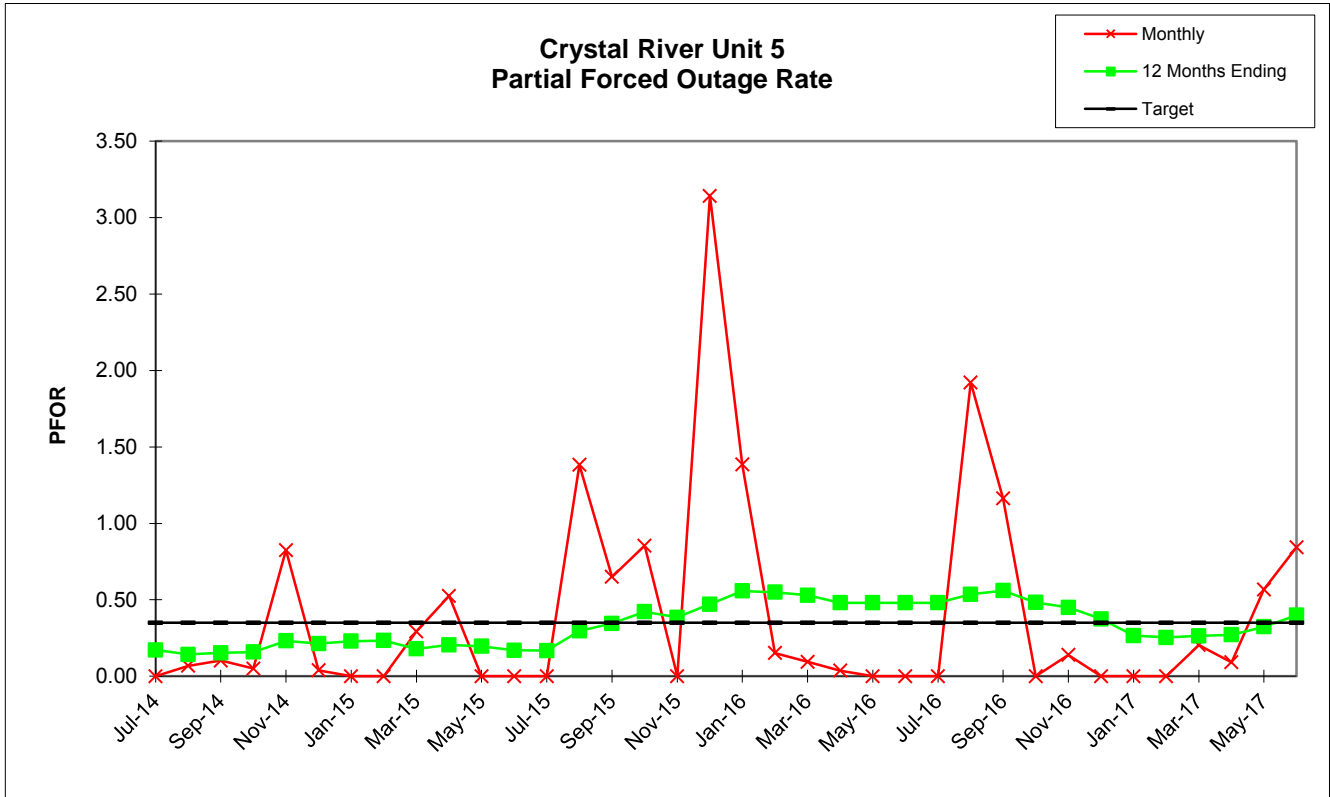
Crystal River
Unit 5

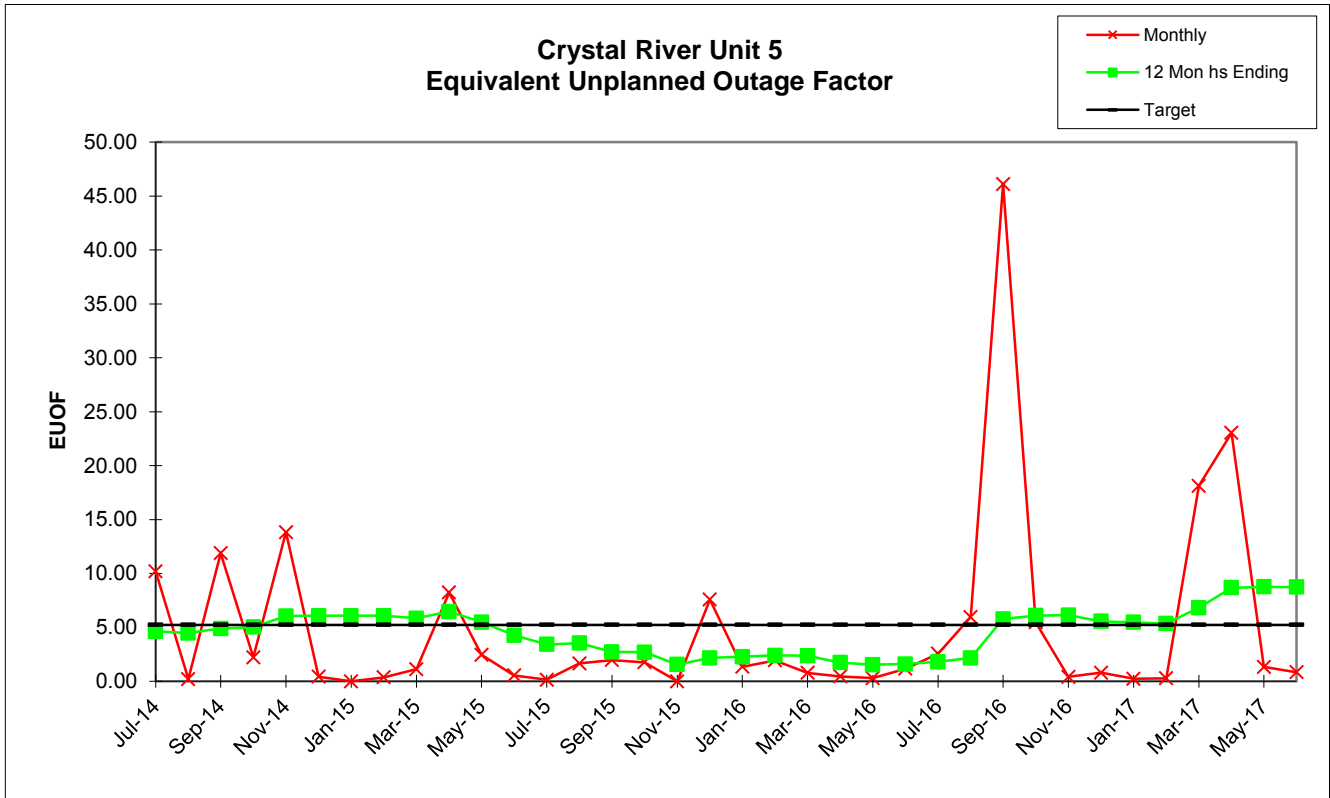
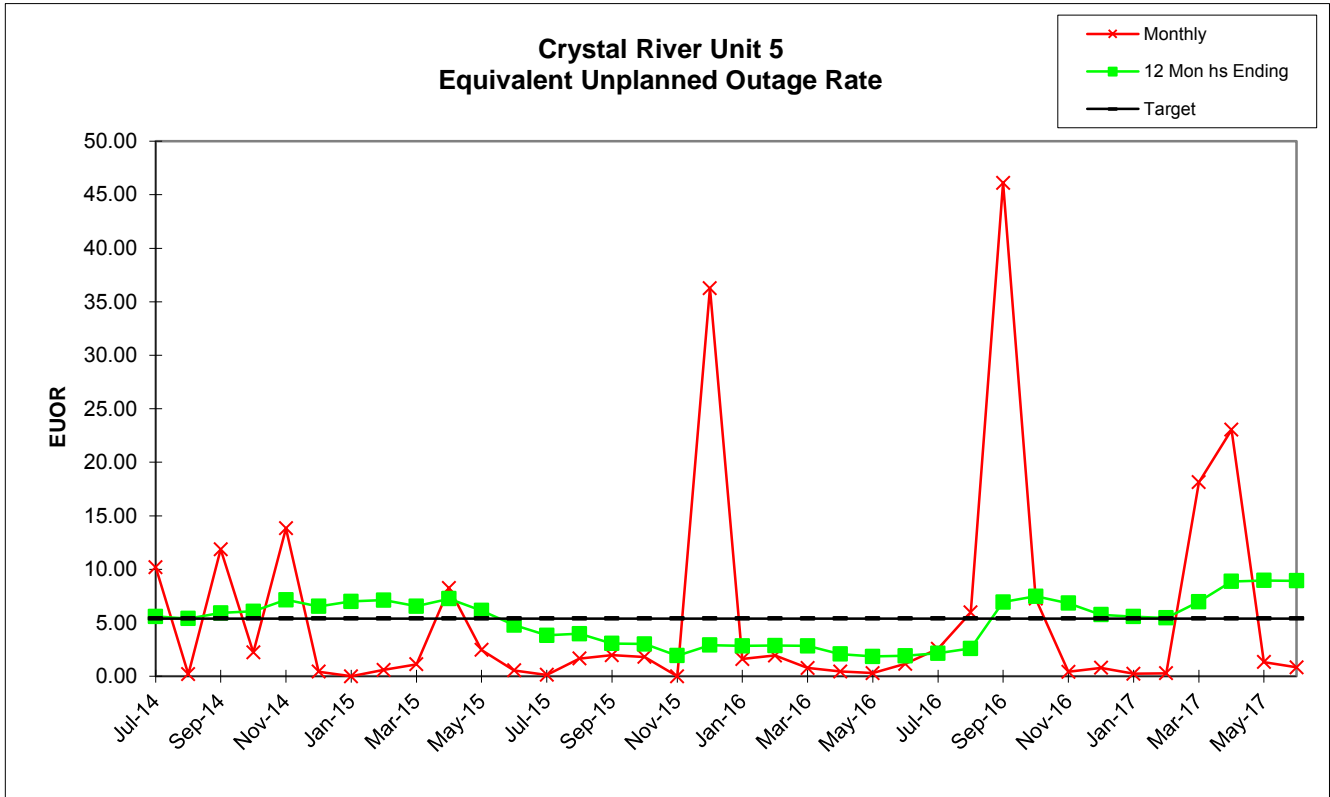
	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00
SER HOURS	668.17	744.00	638.17	744.00	631.43	744.00	75.32	404.02	743.00	670.08	744.00	720.00	744.00	744.00	720.00	719.98	0.00	104.30
RSH	0.00	0.00	0.00	0.00	0.00	0.00	668.68	267.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	217.00	588.60
UH	75.83	0.00	81.83	0.00	89.57	0.00	0.00	0.00	0.00	49.92	0.00	0.00	0.00	0.00	0.00	24.02	504.00	51.10
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	24.02	504.00	0.00
FOH	75.83	0.00	0.00	0.00	89.57	0.00	0.00	0.00	0.00	49.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.10
MOH	0.00	0.00	81.83	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	1.67	3.33	4.25	20.37	2.25	0.00	0.00	17.01	28.28	0.00	0.00	0.00	41.84	22.99	9.25	0.00	43.90
LRPF	0.00	214.57	139.14	63.00	181.61	91.00	0.00	0.00	91.04	88.40	0.00	0.00	0.00	174.52	144.53	472.00	0.00	53.00
EFOH	0.00	0.50	0.65	0.38	5.21	0.29	0.00	0.00	2.18	3.52	0.00	0.00	0.00	10.28	4.68	6.15	0.00	3.28
PMOH	0.00	6.97	15.11	155.71	22.27	22.68	0.00	3.67	24.86	52.97	65.27	33.61	12.00	17.98	23.07	39.61	0.00	3.00
LRPM	0.00	100.95	143.09	73.91	156.81	91.01	0.00	471.57	177.54	78.48	199.38	83.63	63.00	80.35	292.06	124.01	0.00	472.00
EMOH	0.00	0.99	3.05	16.21	4.92	2.91	0.00	2.44	6.22	5.85	18.33	3.96	1.06	2.03	9.49	6.92	0.00	1.99
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-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
FOR	10.19	0.00	0.00	0.00	12.42	0.00	0.00	0.00	0.00	6.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.88
MOR	0.00	0.00	11.37	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
PFOR	0.00	0.07	0.10	0.05	0.83	0.04	0.00	0.00	0.29	0.53	0.00	0.00	0.00	1.38	0.65	0.85	0.00	3.14
PMOR	0.00	0.13	0.48	2.18	0.78	0.39	0.00	0.60	0.84	0.87	2.46	0.55	0.14	0.27	1.32	0.96	0.00	1.91
EUOR	10.19	0.20	11.88	2.23	13.83	0.43	0.00	0.60	1.13	8.24	2.46	0.55	0.14	1.66	1.97	1.82	0.00	36.28
EUOF	10.19	0.20	11.88	2.23	13.83	0.43	0.00	0.36	1.13	8.24	2.46	0.55	0.14	1.66	1.97	1.76	0.00	7.58
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	3.23	69.90	0.00
EAF	89.81	99.80	88.12	97.77	86.17	99.57	100.00	99.64	98.87	91.76	97.54	99.45	99.86	98.34	98.03	95.02	30.10	92.42
12 MONTHS	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
FOR	2.09	2.00	1.42	1.42	2.64	2.39	2.57	2.62	2.20	2.86	2.82	2.78	1.80	1.80	1.78	1.79	0.71	1.56
MOR	3.00	2.94	4.07	4.07	4.02	3.65	3.92	3.99	3.80	3.82	2.48	1.08	1.06	1.06	0.00	0.00	0.00	0.00
PFOR	0.17	0.14	0.15	0.16	0.23	0.21	0.23	0.23	0.18	0.21	0.20	0.17	0.17	0.30	0.35	0.42	0.39	0.47
PMOR	0.49	0.47	0.42	0.58	0.50	0.49	0.52	0.52	0.58	0.63	0.83	0.86	0.87	0.88	0.96	0.84	0.84	0.91
EUOR	5.59	5.40	5.92	6.08	7.14	6.53	7.00	7.12	6.55	7.25	6.14	4.79	3.83	3.97	3.06	3.03	1.92	2.92
EUOF	4.63	4.47	4.90	5.03	6.05	6.09	6.09	6.08	5.85	6.47	5.48	4.28	3.42	3.55	2.73	2.69	1.56	2.16
POF	5.43	5.43	5.43	5.43	5.43	5.43	5.43	3.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	6.03	6.03
EAF	89.94	90.10	89.67	89.54	88.52	88.49	88.49	89.99	94.15	93.53	94.52	95.72	96.58	96.45	97.27	97.03	92.42	91.81

Crystal River
Unit 5

	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
PER HOURS	744.00	696.00	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	618.47	696.00	743.00	720.00	744.00	720.00	744.00	744.00	403.02	562.38	721.00	744.00	744.00	672.00	658.83	607.08	744.00	720.00
RSH	124.38	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	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	316.98	181.62	0.00	0.00	0.00	0.00	84.17	112.92	0.00	0.00
POH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	181.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FOH	1.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	316.98	0.00	0.00	0.00	0.00	0.00	10.00	112.92	0.00	0.00
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	74.17	0.00	0.00	0.00
PFOH	20.02	8.26	5.45	3.00	0.00	0.00	0.00	67.69	31.35	0.00	7.83	0.00	0.00	0.00	6.33	4.33	10.63	38.17
LRPF	303.68	91.07	91.00	63.00	0.00	0.00	0.00	149.95	106.15	0.00	91.04	0.00	0.00	0.00	150.55	91.27	282.09	113.00
EFOH	8.56	1.06	0.70	0.27	0.00	0.00	0.00	14.30	4.69	0.00	1.00	0.00	0.00	0.00	1.34	0.56	4.22	6.07
PMOH	3.63	58.14	10.50	16.91	2.75	40.17	39.12	83.41	51.20	318.05	15.73	46.42	13.83	15.00	384.00	408.69	44.24	0.00
LRPM	63.06	152.69	345.00	126.26	567.00	148.78	347.05	256.26	142.95	91.00	91.02	90.99	91.02	91.00	91.00	91.00	90.99	0.00
EMOH	0.32	12.50	5.10	3.01	2.20	8.42	19.12	30.11	10.31	40.76	2.02	5.95	1.77	1.92	49.22	52.38	5.67	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	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
FOR	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.03	0.00	0.00	0.00	0.00	0.00	1.50	15.68	0.00	0.00
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	10.12	0.00	0.00	0.00
PFOR	1.38	0.15	0.09	0.04	0.00	0.00	0.00	1.92	1.16	0.00	0.14	0.00	0.00	0.00	0.20	0.09	0.57	0.84
PMOR	0.05	1.80	0.69	0.42	0.30	1.17	2.57	4.05	2.56	7.25	0.28	0.80	0.24	0.29	7.47	8.63	0.76	0.00
EUOR	1.62	1.95	0.78	0.45	0.30	1.17	2.57	5.97	46.11	7.25	0.42	0.80	0.24	0.29	18.13	23.04	1.33	0.84
EUOF	1.35	1.95	0.78	0.45	0.30	1.17	2.57	5.97	46.11	5.48	0.42	0.80	0.24	0.29	18.13	23.04	1.33	0.84
POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EAF	98.65	98.05	99.22	99.55	99.70	98.83	97.43	94.03	53.89	70.11	99.58	99.20	99.76	99.71	81.87	76.96	98.67	99.16
12 MONTHS	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
FOR	1.45	1.39	1.39	0.71	0.71	0.71	0.71	0.71	5.04	5.15	4.68	3.75	3.68	3.70	3.84	5.17	5.17	5.17
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	0.90	0.91	0.91	0.91
PFOR	0.56	0.55	0.53	0.48	0.48	0.48	0.48	0.54	0.56	0.48	0.45	0.37	0.27	0.25	0.26	0.27	0.32	0.40
PMOR	0.85	0.95	0.94	0.89	0.67	0.73	0.98	1.36	1.44	1.97	1.81	1.71	1.70	1.58	2.14	2.78	2.82	2.72
EUOR	2.84	2.87	2.84	2.07	1.85	1.91	2.16	2.60	6.94	7.48	6.83	5.76	5.58	5.46	6.97	8.86	8.95	8.92
EUOF	2.28	2.40	2.37	1.73	1.55	1.60	1.80	2.17	5.79	6.10	6.14	5.56	5.47	5.35	6.82	8.68	8.77	8.74
POF	6.03	6.01	6.01	6.01	6.01	6.01	6.01	6.01	6.01	7.81	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07
EAF	91.70	91.59	91.62	92.26	92.44	92.39	92.19	91.82	88.20	86.09	91.80	92.37	92.46	92.58	91.11	89.25	89.16	89.19





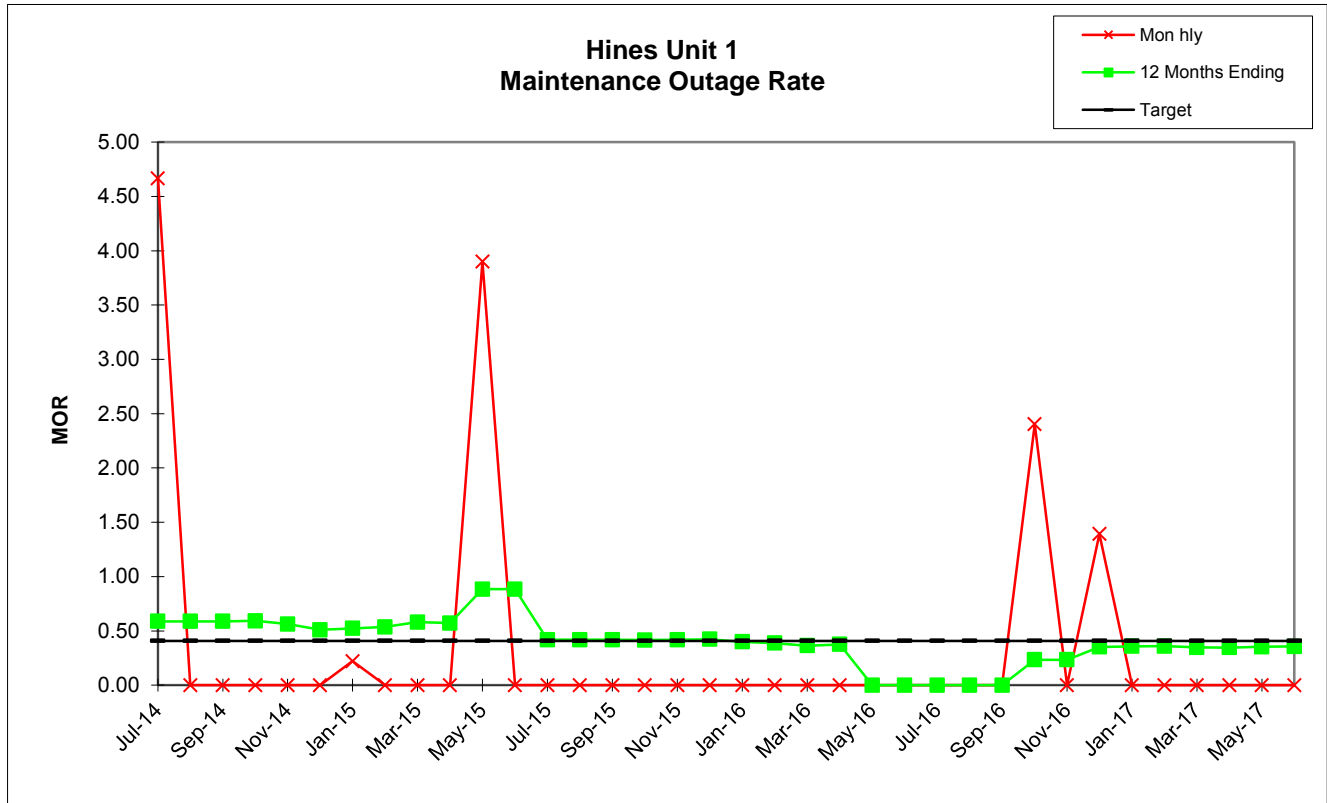
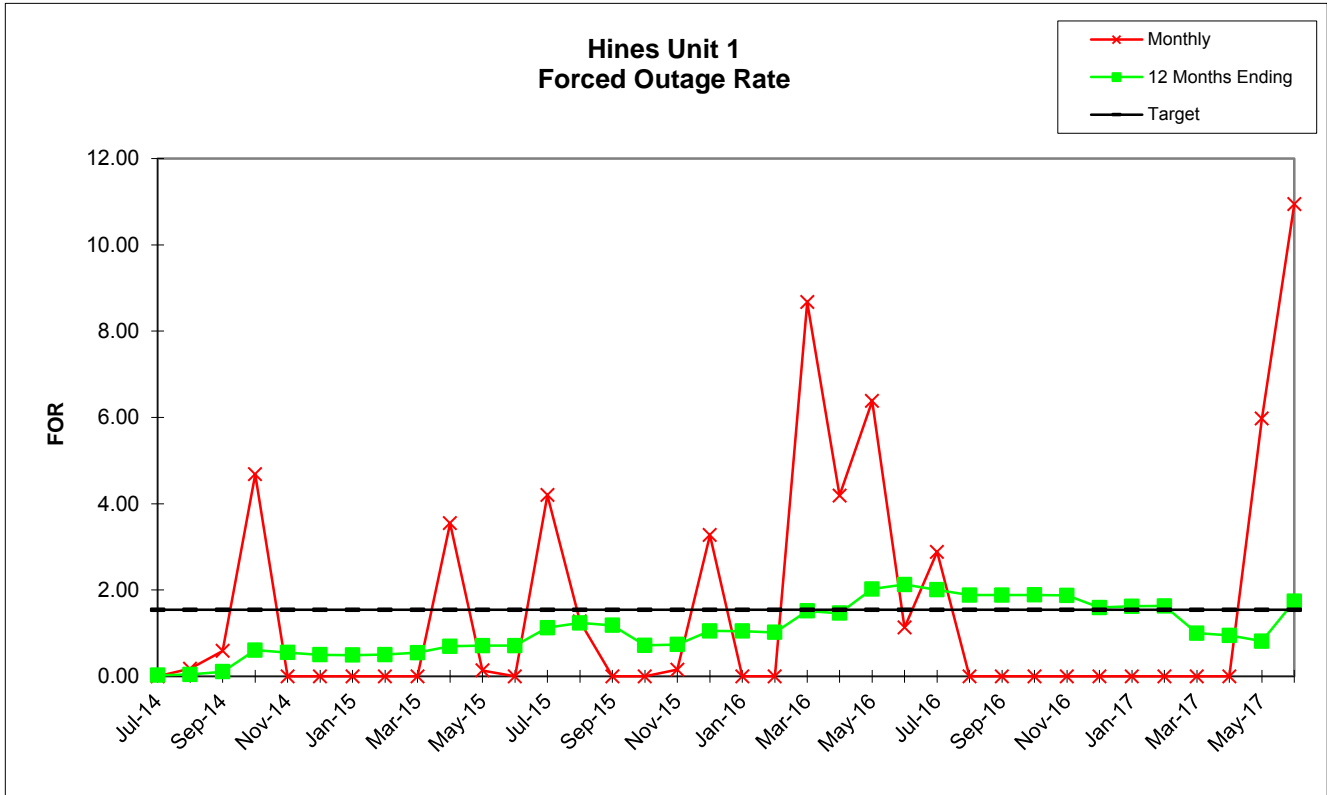


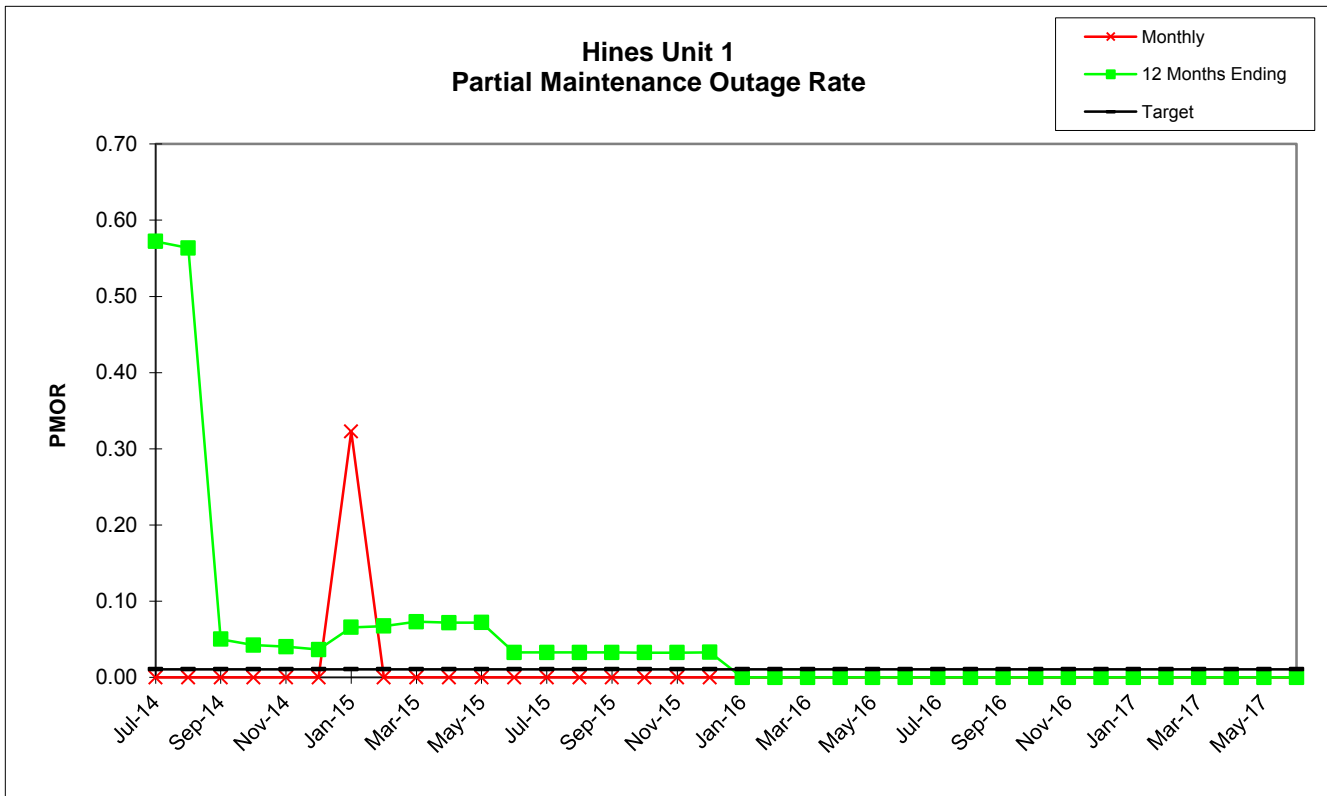
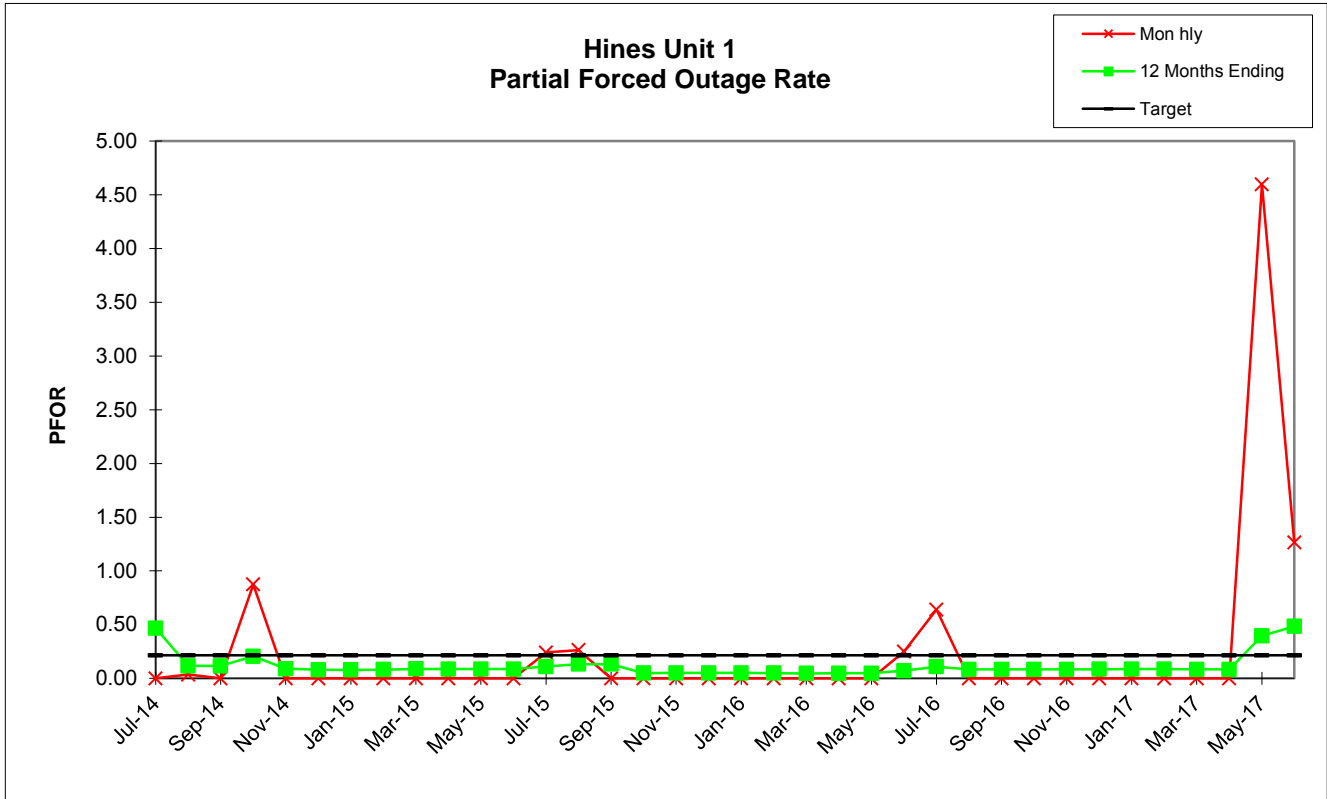
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Unit 1

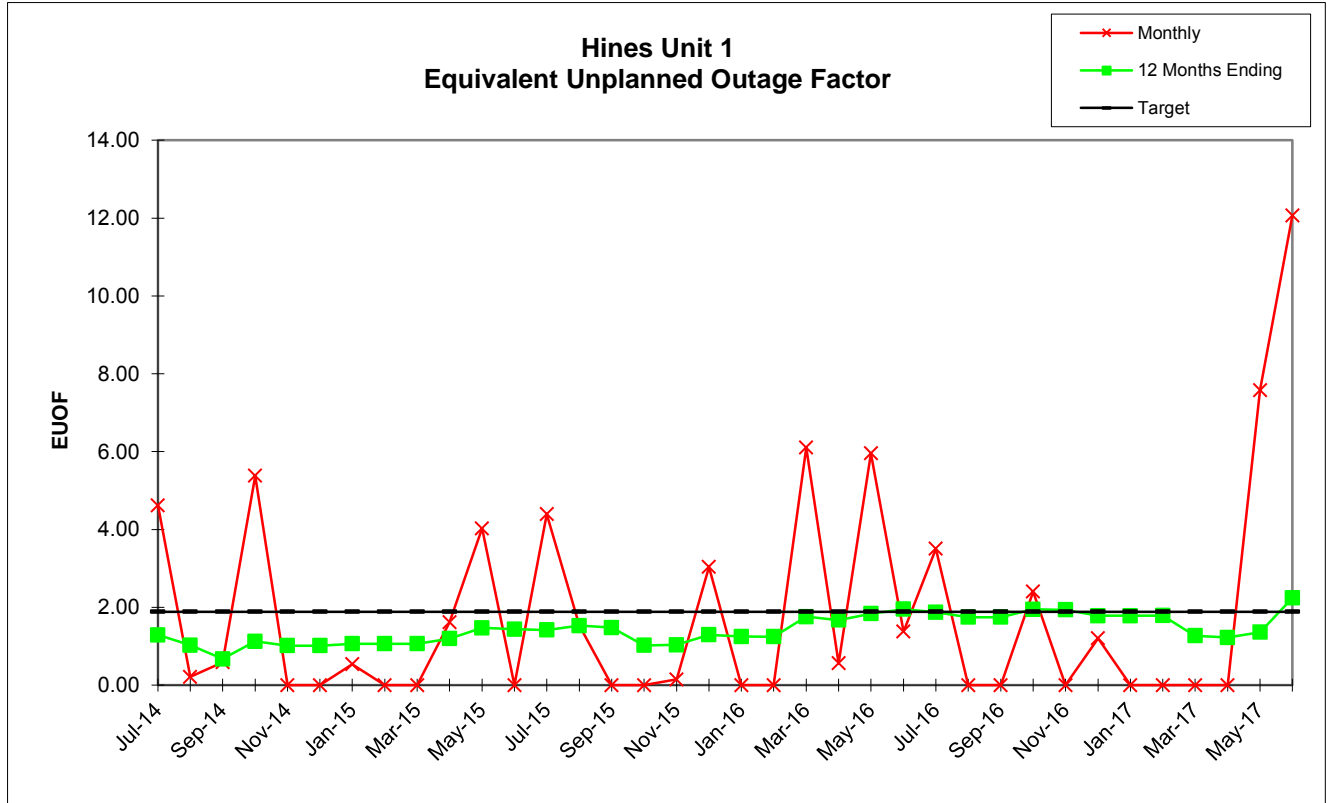
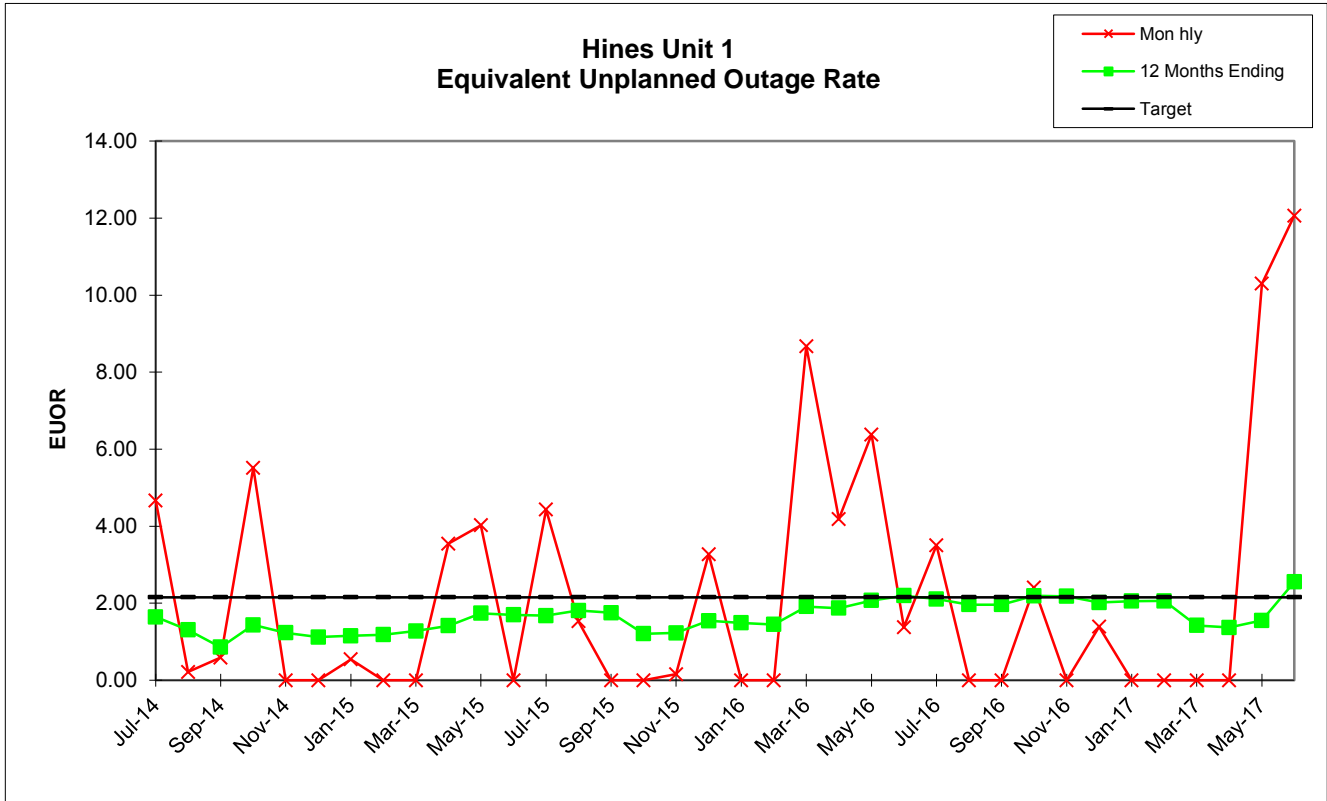
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PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00
SER HOURS	702.04	742.67	715.74	691.80	721.00	744.00	737.13	478.48	0.00	316.33	714.04	720.00	706.52	732.17	720.00	744.00	685.05	668.16
RSH	7.59	0.00	0.01	18.22	0.00	0.00	5.23	2.77	0.00	0.00	0.00	0.00	6.50	2.40	0.00	0.00	34.88	53.24
UH	34.37	1.33	4.24	33.98	0.00	0.00	1.63	190.75	743.00	403.67	29.96	0.00	30.98	9.43	0.00	0.00	1.07	22.60
POH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	190.75	743.00	392.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FOH	0.00	1.33	4.24	33.98	0.00	0.00	0.00	0.00	0.00	11.64	0.98	0.00	30.98	9.43	0.00	0.00	1.07	22.60
MOH	34.37	0.00	0.00	0.00	0.00	0.00	1.63	0.00	0.00	0.00	28.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PFOH	0.00	1.41	0.00	33.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.82	10.95	0.00	0.00	0.00	0.00
LRPF	0.00	86.26	0.00	83.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	89.05	81.46	0.00	0.00	0.00	0.00
EFOH	0.00	0.26	0.00	6.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.70	1.93	0.00	0.00	0.00	0.00
PMOH	0.00	0.00	0.00	0.00	0.00	0.00	15.27	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	0.00	0.00	71.99	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	0.00	0.00	2.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPC	465.00	465.00	465.00	465.00	465.00	465.00	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-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
FOR	0.00	0.18	0.59	4.68	0.00	0.00	0.00	0.00	0.00	3.55	0.14	0.00	4.20	1.27	0.00	0.00	0.16	3.27
MOR	4.67	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	3.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PFOR	0.00	0.04	0.00	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.26	0.00	0.00	0.00	0.00
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EUOR	4.67	0.21	0.59	5.52	0.00	0.00	0.54	0.00	0.00	3.55	4.03	0.00	4.43	1.53	0.00	0.00	0.16	3.27
EUOF	4.62	0.21	0.59	5.38	0.00	0.00	0.54	0.00	0.00	1.62	4.03	0.00	4.39	1.53	0.00	0.00	0.15	3.04
POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.39	100.00	54.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EAF	95.38	99.79	99.41	94.62	100.00	100.00	99.46	71.61	0.00	43.94	95.97	100.00	95.61	98.47	100.00	100.00	99.85	96.96
12 MONTHS	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
FOR	0.03	0.05	0.11	0.61	0.55	0.50	0.49	0.51	0.55	0.70	0.71	0.71	1.13	1.24	1.18	0.72	0.74	1.05
MOR	0.59	0.59	0.59	0.59	0.56	0.51	0.52	0.54	0.58	0.57	0.88	0.88	0.42	0.42	0.42	0.42	0.42	0.42
PFOR	0.47	0.12	0.12	0.21	0.09	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.11	0.13	0.13	0.05	0.05	0.05
PMOR	0.57	0.56	0.05	0.04	0.04	0.04	0.07	0.07	0.07	0.07	0.07	0.03	0.03	0.03	0.03	0.03	0.03	0.03
EUOR	1.65	1.31	0.86	1.44	1.23	1.12	1.15	1.18	1.28	1.42	1.74	1.70	1.68	1.81	1.75	1.21	1.23	1.55
EUOF	1.29	1.03	0.67	1.12	1.02	1.02	1.06	1.06	1.06	1.20	1.47	1.44	1.42	1.53	1.48	1.02	1.04	1.29
POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.18	10.66	15.13	15.13	15.13	15.13	15.13	15.13	15.13	15.13	15.13
EAF	98.71	98.97	99.33	98.88	98.98	98.98	98.94	96.76	88.28	83.67	83.40	83.43	83.45	83.34	83.39	83.84	83.83	83.57

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	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
PER HOURS	744.00	696.00	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	744.00	696.00	477.66	92.41	649.99	711.86	722.54	744.00	720.00	726.12	686.68	635.23	603.32	672.00	736.42	112.79	514.80	641.24
RSH	0.00	0.00	5.23	0.00	0.01	0.00	0.00	0.00	0.00	0.00	34.32	99.79	140.68	0.00	0.05	0.00	134.79	0.00
UH	0.00	0.00	260.11	627.59	94.01	8.14	21.46	0.00	0.00	17.88	0.00	8.97	0.00	0.00	6.53	607.21	94.41	78.76
POH	0.00	0.00	214.75	623.55	49.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.53	607.21	61.69	0.00
FOH	0.00	0.00	45.36	4.04	44.30	8.14	21.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.72	78.76
MOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.88	0.00	8.97	0.00	0.00	0.00	0.00	0.00	0.00
PFOH	0.00	0.00	0.00	0.00	0.00	8.63	22.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	287.40	83.45
LRPF	0.00	0.00	0.00	0.00	0.00	106.39	105.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.64	43.26
EFOH	0.00	0.00	0.00	0.00	0.00	1.77	4.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.67	8.11
PMOH	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
LRPM	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
EMOH	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
NPC	518.00	518.00	518.00	518.00	518.00	518.00	518.00	518.00	518.00	518.00	518.00	518.00	445.00	445.00	445.00	445.00	445.00	445.00
MONTHLY	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
FOR	0.00	0.00	8.67	4.19	6.38	1.13	2.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.98	10.94
MOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.40	0.00	1.39	0.00	0.00	0.00	0.00	0.00	0.00
PFOR	0.00	0.00	0.00	0.00	0.00	0.25	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.60	1.27
PMOR	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
EUOR	0.00	0.00	8.67	4.19	6.38	1.38	3.51	0.00	0.00	2.40	0.00	1.39	0.00	0.00	0.00	0.00	10.30	12.07
EUOF	0.00	0.00	6.10	0.56	5.95	1.38	3.51	0.00	0.00	2.40	0.00	1.21	0.00	0.00	0.00	0.00	7.58	12.07
POF	0.00	0.00	28.90	86.60	6.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	84.33	8.29	0.00
EAF	100.00	100.00	64.99	12.83	87.36	98.62	96.49	100.00	100.00	97.60	100.00	98.79	100.00	100.00	99.12	15.67	84.13	87.93
12 MONTHS	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
FOR	1.05	1.02	1.52	1.46	2.02	2.13	2.01	1.88	1.88	1.89	1.87	1.60	1.62	1.63	1.00	0.95	0.81	1.74
MOR	0.40	0.39	0.36	0.37	0.00	0.00	0.00	0.00	0.00	0.23	0.23	0.35	0.36	0.36	0.35	0.35	0.35	0.36
PFOR	0.05	0.05	0.05	0.05	0.05	0.07	0.11	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.08	0.08	0.40	0.48
PMOR	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
EUOR	1.49	1.45	1.92	1.88	2.07	2.20	2.11	1.97	1.97	2.19	2.18	2.02	2.06	2.06	1.42	1.37	1.55	2.56
EUOF	1.25	1.24	1.76	1.67	1.84	1.95	1.88	1.75	1.75	1.95	1.94	1.78	1.78	1.79	1.27	1.22	1.36	2.24
POF	15.13	12.92	6.91	9.54	10.11	10.11	10.11	10.11	10.11	10.11	10.11	10.11	10.11	10.14	7.76	7.57	7.71	7.71
EAF	83.62	85.83	91.33	88.78	88.05	87.94	88.02	88.14	88.14	87.94	87.95	88.11	88.11	88.08	90.97	91.20	90.93	90.05





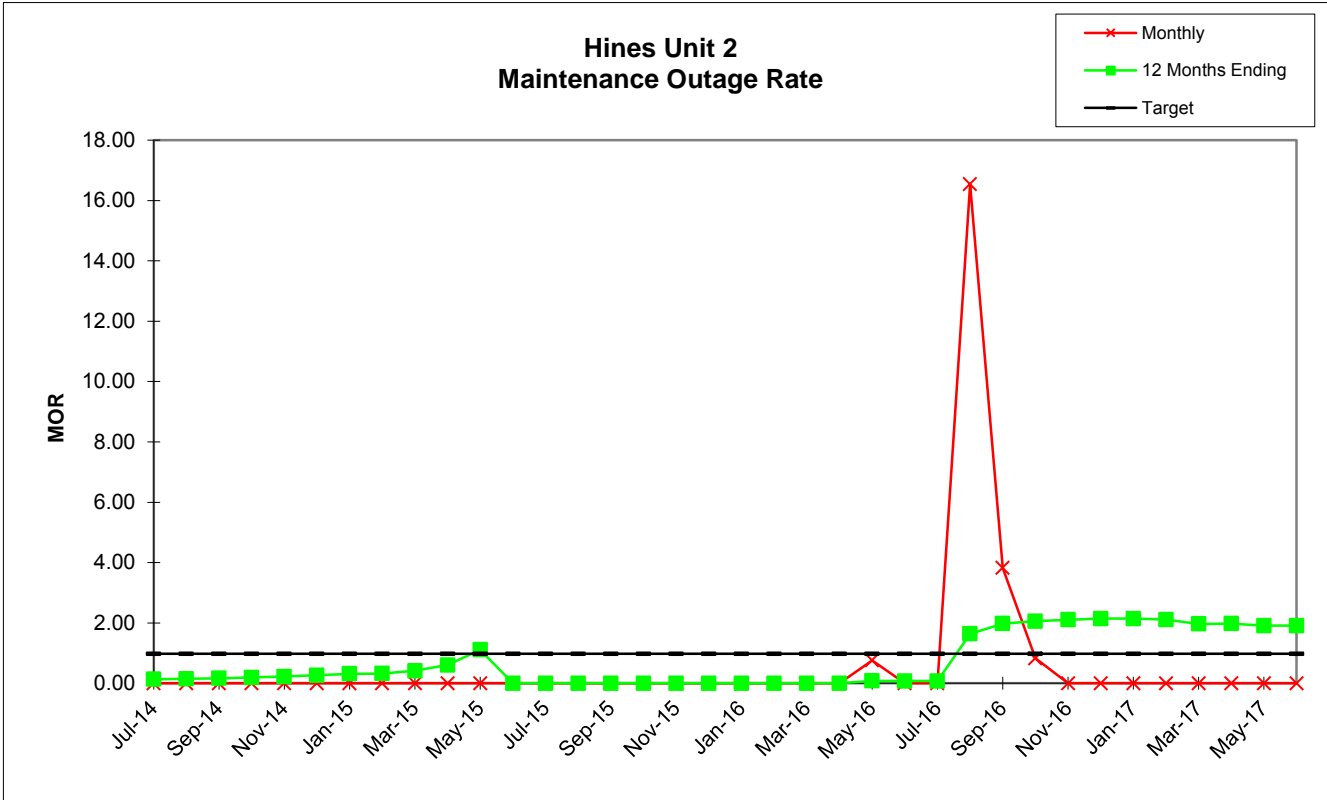
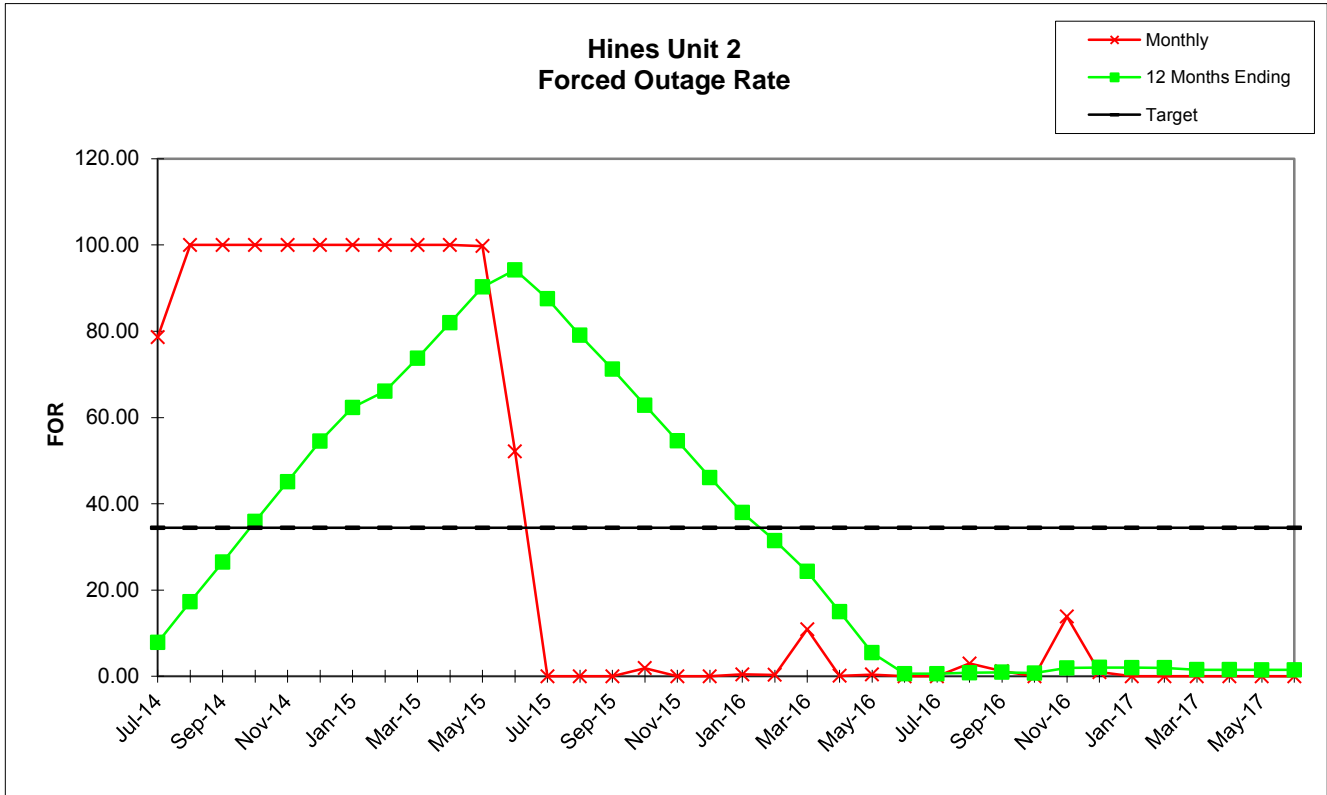


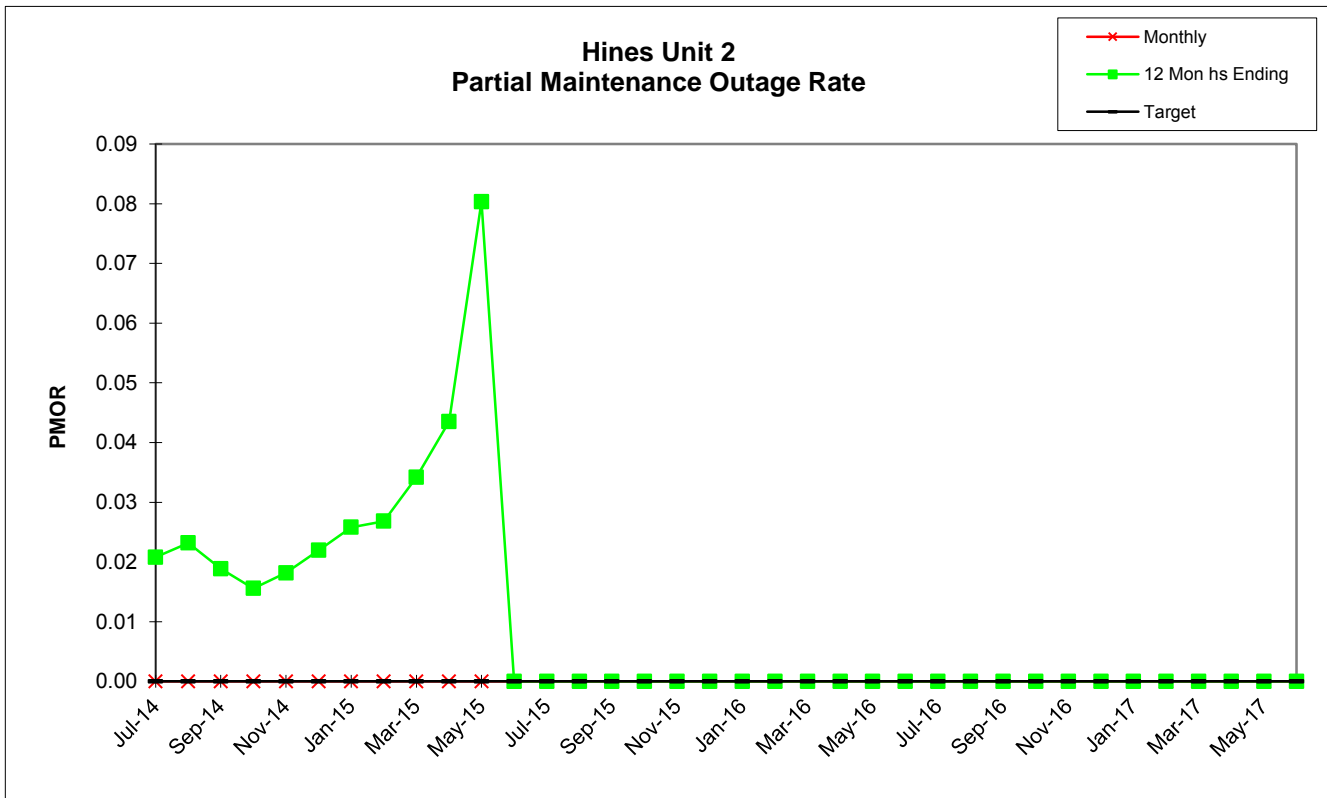
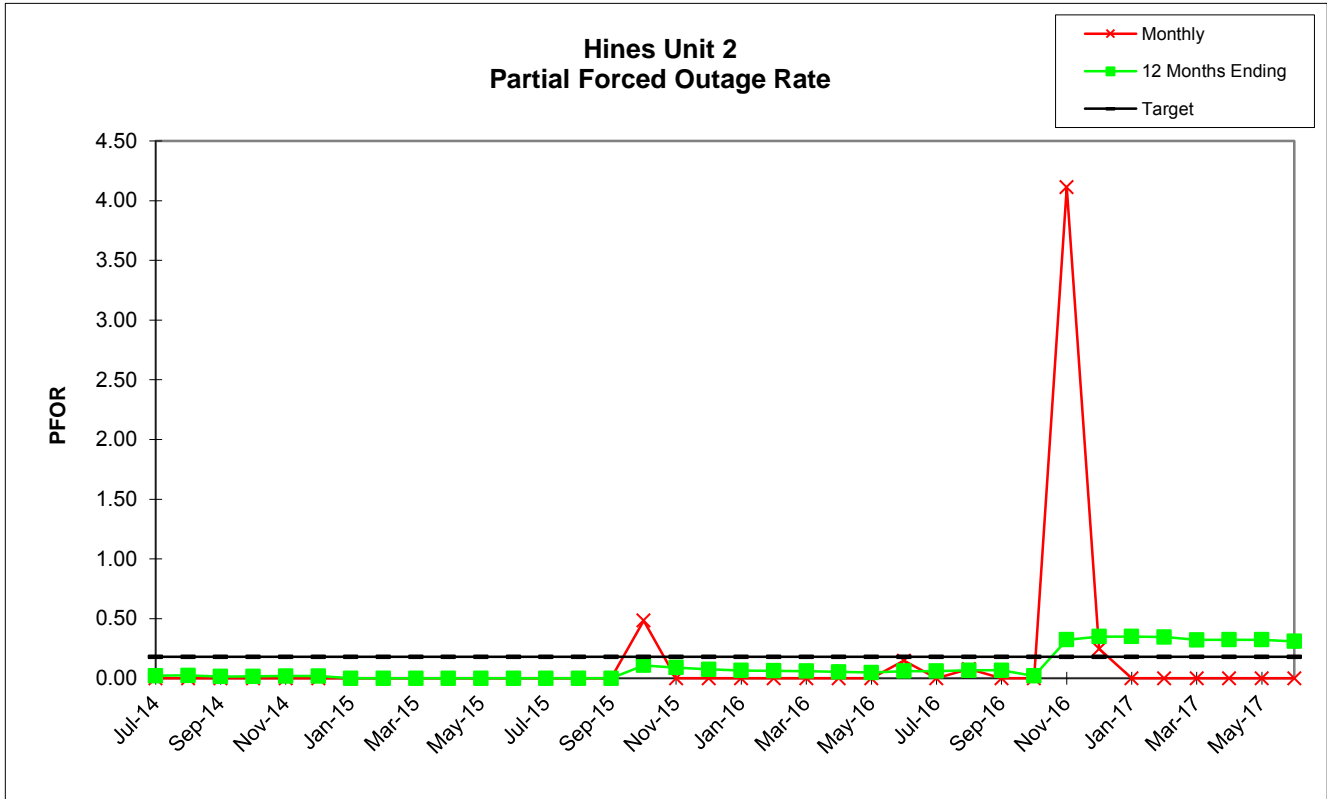
Hines
Unit 2

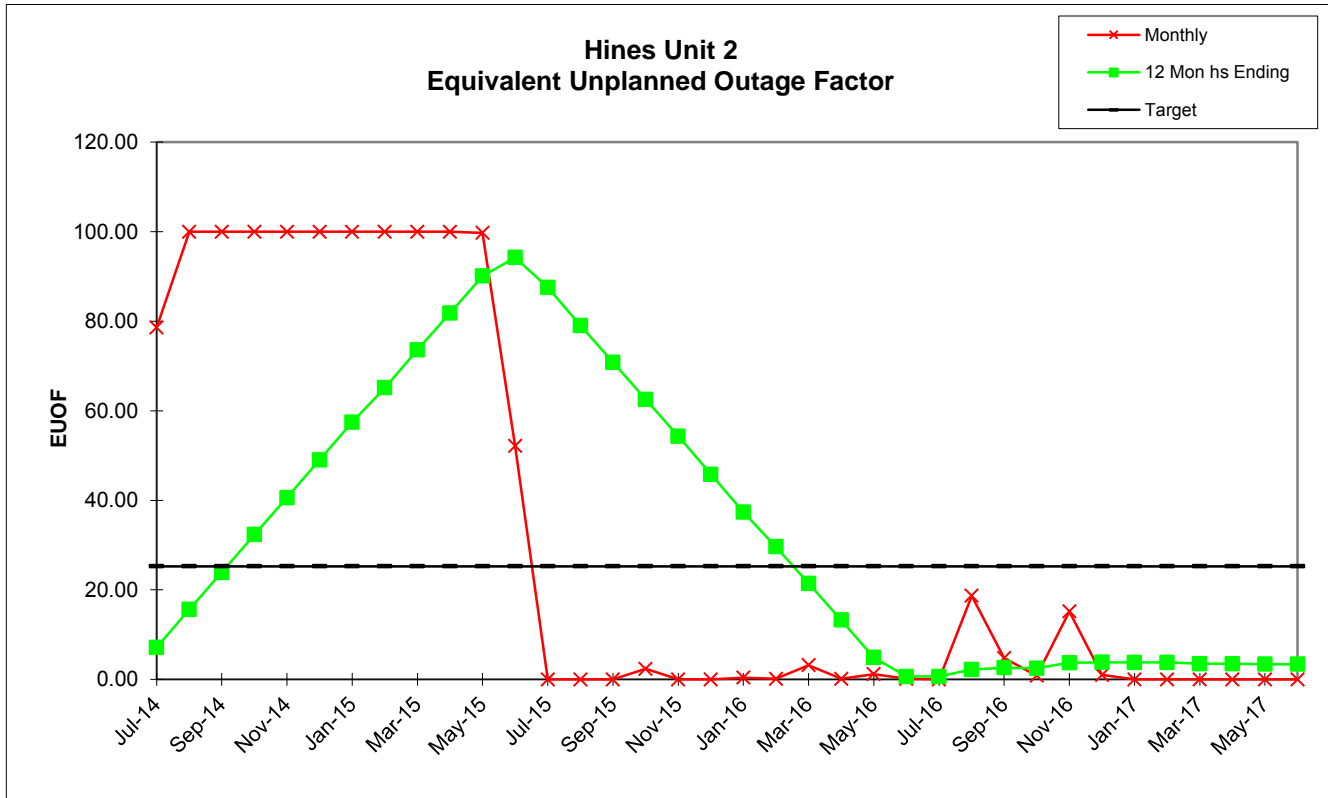
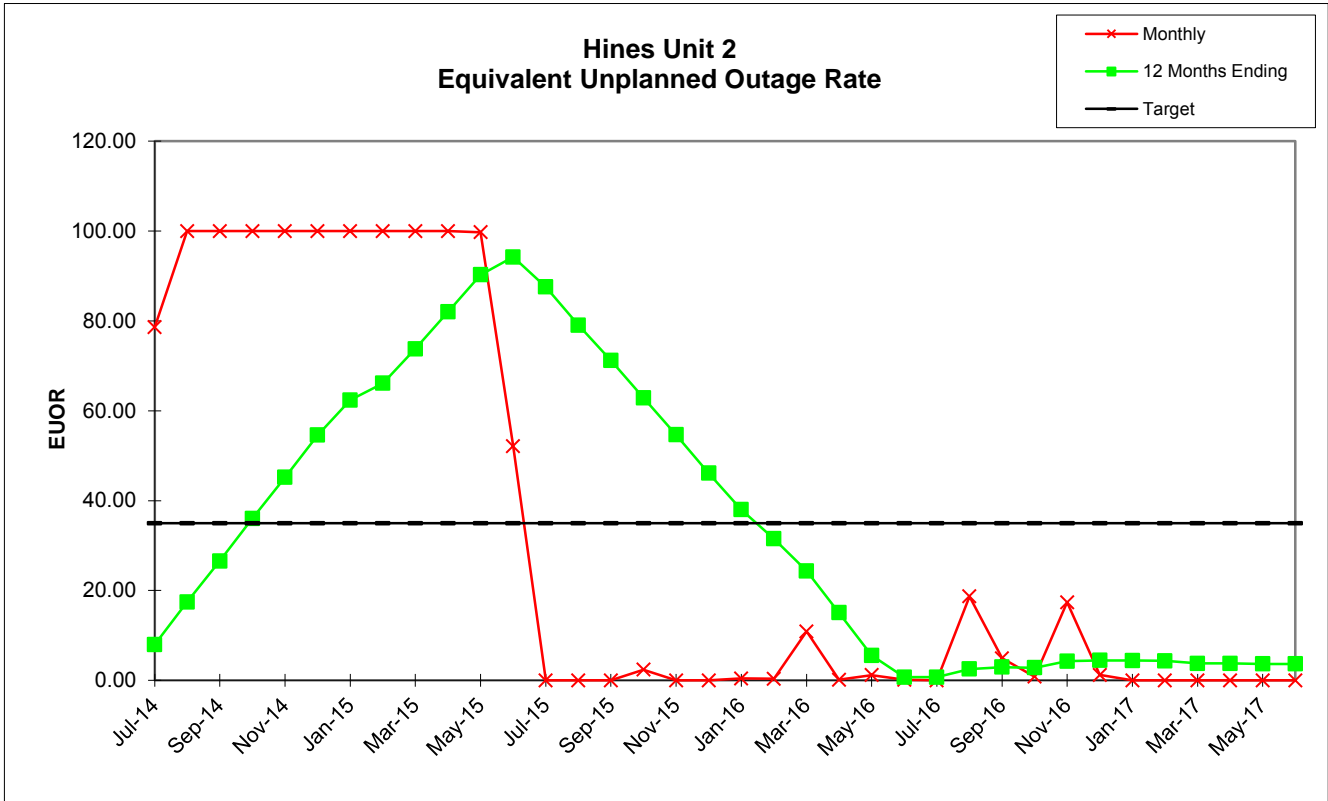
	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00
SER HOURS	159.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.83	344.66	744.00	744.00	672.05	729.94	714.97	743.09
RSH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	47.95	0.00	6.03	0.91
UH	584.92	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	742.17	375.33	0.00	0.00	0.00	14.06	0.00	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	0.00	0.00	0.00	0.00	0.00
FOH	584.92	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	742.17	375.33	0.00	0.00	0.00	14.06	0.00	0.00
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	0.00	0.00	0.00	16.62	0.00	0.00
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	0.00	0.00	0.00	104.01	0.00	0.00
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	0.00	0.00	0.00	3.53	0.00	0.00
PMOH	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
LRPM	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
EMOH	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
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-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
FOR	78.62	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.75	52.13	0.00	0.00	0.00	1.89	0.00	0.00
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	0.00	0.00	0.00	0.48	0.00	0.00
PMOR	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
EUOR	78.62	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.75	52.13	0.00	0.00	0.00	2.36	0.00	0.00
EUOF	78.62	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.75	52.13	0.00	0.00	0.00	2.36	0.00	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	0.00	0.00	0.00	0.00	0.00
EAF	21.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	47.87	100.00	100.00	100.00	97.64	100.00	100.00
12 MONTHS	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
FOR	7.82	17.29	26.46	35.93	45.10	54.52	62.33	66.09	73.74	81.99	90.24	94.23	87.55	79.06	71.23	62.85	54.61	46.07
MOR	0.13	0.15	0.16	0.19	0.22	0.27	0.31	0.33	0.41	0.60	1.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PFOR	0.02	0.02	0.01	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.09	0.08
PMOR	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EUOR	7.97	17.43	26.57	36.02	45.19	54.59	62.38	66.14	73.78	82.02	90.26	94.23	87.55	79.06	71.23	62.89	54.65	46.11
EUOF	7.16	15.65	23.86	32.35	40.58	49.02	57.48	65.15	73.63	81.85	90.08	94.23	87.55	79.06	70.84	62.55	54.32	45.82
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	92.84	84.35	76.14	67.65	59.42	50.98	42.52	34.85	26.37	18.15	9.92	5.77	12.45	20.94	29.16	37.45	45.68	54.18

Hines
Unit 2

	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
PER HOURS	744.00	696.00	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	649.76	316.33	191.63	719.02	735.25	720.00	744.00	605.51	667.52	736.82	542.18	611.63	646.18	419.64	743.00	672.69	744.00	720.00
RSH	91.38	138.59	0.94	0.00	0.00	0.00	0.00	0.00	17.97	1.05	91.70	126.42	97.82	252.36	0.00	47.31	0.00	0.00
UH	2.86	241.08	550.43	0.98	8.75	0.00	0.00	138.49	34.51	6.13	87.12	5.95	0.00	0.00	0.00	0.00	0.00	0.00
POH	0.00	240.00	526.97	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	2.86	1.08	23.46	0.98	3.13	0.00	0.00	18.49	7.96	0.00	87.12	5.95	0.00	0.00	0.00	0.00	0.00	0.00
MOH	0.00	0.00	0.00	0.00	5.62	0.00	0.00	120.00	26.55	6.13	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	14.49	0.00	2.14	0.00	0.00	104.25	7.03	0.00	0.00	0.00	0.00	0.00	0.00
LRPF	0.00	0.00	0.00	0.00	0.00	39.79	0.00	120.56	0.00	0.00	116.80	116.74	0.00	0.00	0.00	0.00	0.00	0.00
EFOH	0.00	0.00	0.00	0.00	0.00	1.06	0.00	0.47	0.00	0.00	22.30	1.50	0.00	0.00	0.00	0.00	0.00	0.00
PMOH	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
LRPM	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
EMOH	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
NPC	546.00	546.00	546.00	546.00	546.00	546.00	546.00	546.00	546.00	546.00	546.00	546.00	477.00	477.00	477.00	477.00	477.00	477.00
MONTHLY	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
FOR	0.44	0.34	10.91	0.14	0.42	0.00	0.00	2.96	1.18	0.00	13.84	0.96	0.00	0.00	0.00	0.00	0.00	0.00
MOR	0.00	0.00	0.00	0.00	0.76	0.00	0.00	16.54	3.83	0.83	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	0.15	0.00	0.08	0.00	0.00	4.11	0.25	0.00	0.00	0.00	0.00	0.00	0.00
PMOR	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
EUOR	0.44	0.34	10.91	0.14	1.18	0.15	0.00	18.68	4.92	0.83	17.39	1.21	0.00	0.00	0.00	0.00	0.00	0.00
EUOF	0.38	0.16	3.16	0.14	1.18	0.15	0.00	18.68	4.79	0.82	15.18	1.00	0.00	0.00	0.00	0.00	0.00	0.00
POF	0.00	34.48	70.92	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	99.62	65.36	25.92	99.86	98.82	99.85	100.00	81.32	95.21	99.18	84.82	99.00	100.00	100.00	100.00	100.00	100.00	100.00
12 MONTHS	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
FOR	37.96	31.46	24.30	15.00	5.45	0.59	0.59	0.84	0.95	0.76	1.93	2.04	2.01	1.96	1.54	1.54	1.50	1.50
MOR	0.00	0.00	0.00	0.00	0.08	0.07	0.07	1.64	1.98	2.06	2.10	2.14	2.14	2.11	1.97	1.98	1.91	1.91
PFOR	0.07	0.06	0.06	0.05	0.05	0.06	0.06	0.07	0.07	0.02	0.32	0.35	0.35	0.35	0.32	0.32	0.32	0.31
PMOR	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
EUOR	38.00	31.50	24.35	15.05	5.56	0.72	0.72	2.52	2.95	2.81	4.26	4.43	4.40	4.33	3.76	3.77	3.66	3.65
EUOF	37.36	29.62	21.43	13.25	4.90	0.63	0.63	2.22	2.61	2.48	3.73	3.81	3.78	3.78	3.51	3.50	3.40	3.38
POF	0.00	2.73	8.73	8.73	8.73	8.73	8.73	8.73	8.73	8.73	8.73	8.73	8.73	6.02	0.00	0.00	0.00	0.00
EAF	62.64	67.65	69.84	78.02	86.37	90.63	90.63	89.05	88.66	88.79	87.54	87.46	87.49	90.21	96.49	96.50	96.60	96.62





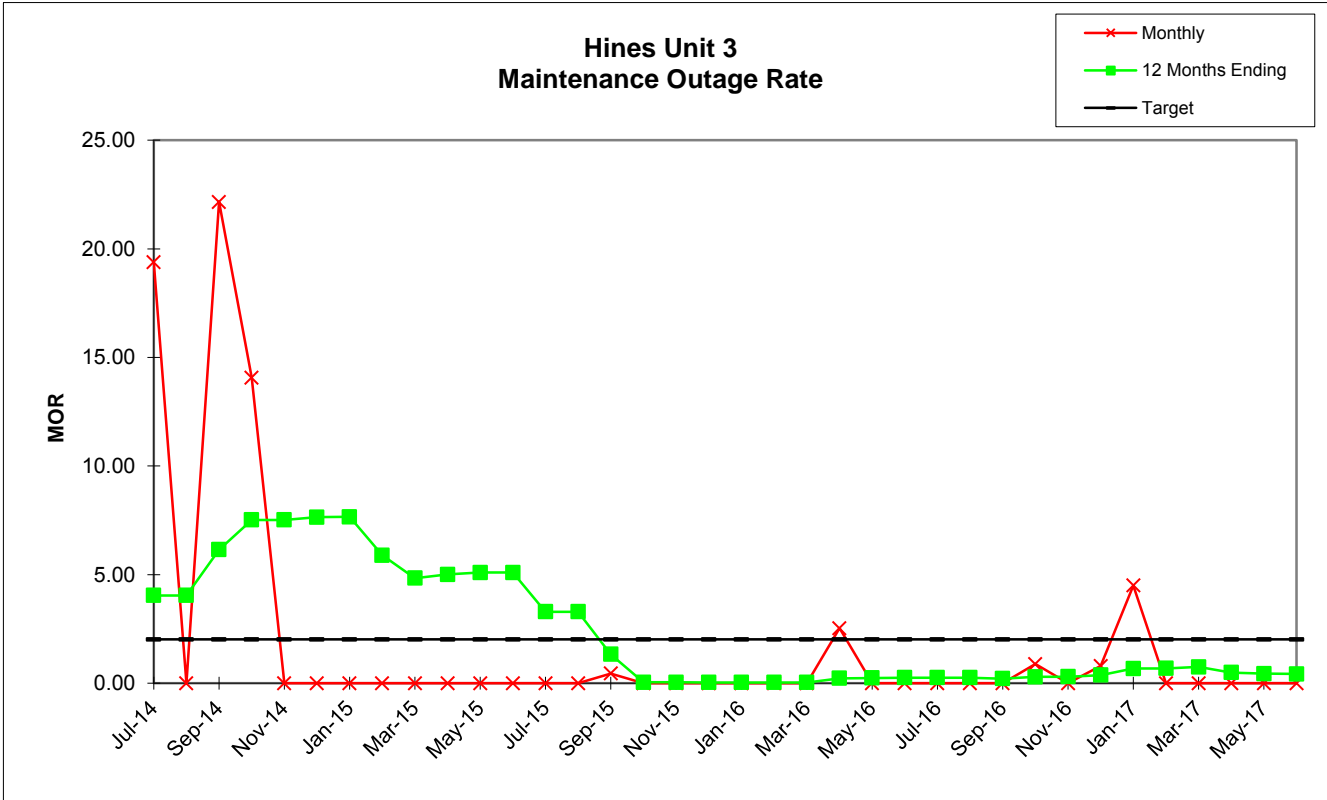
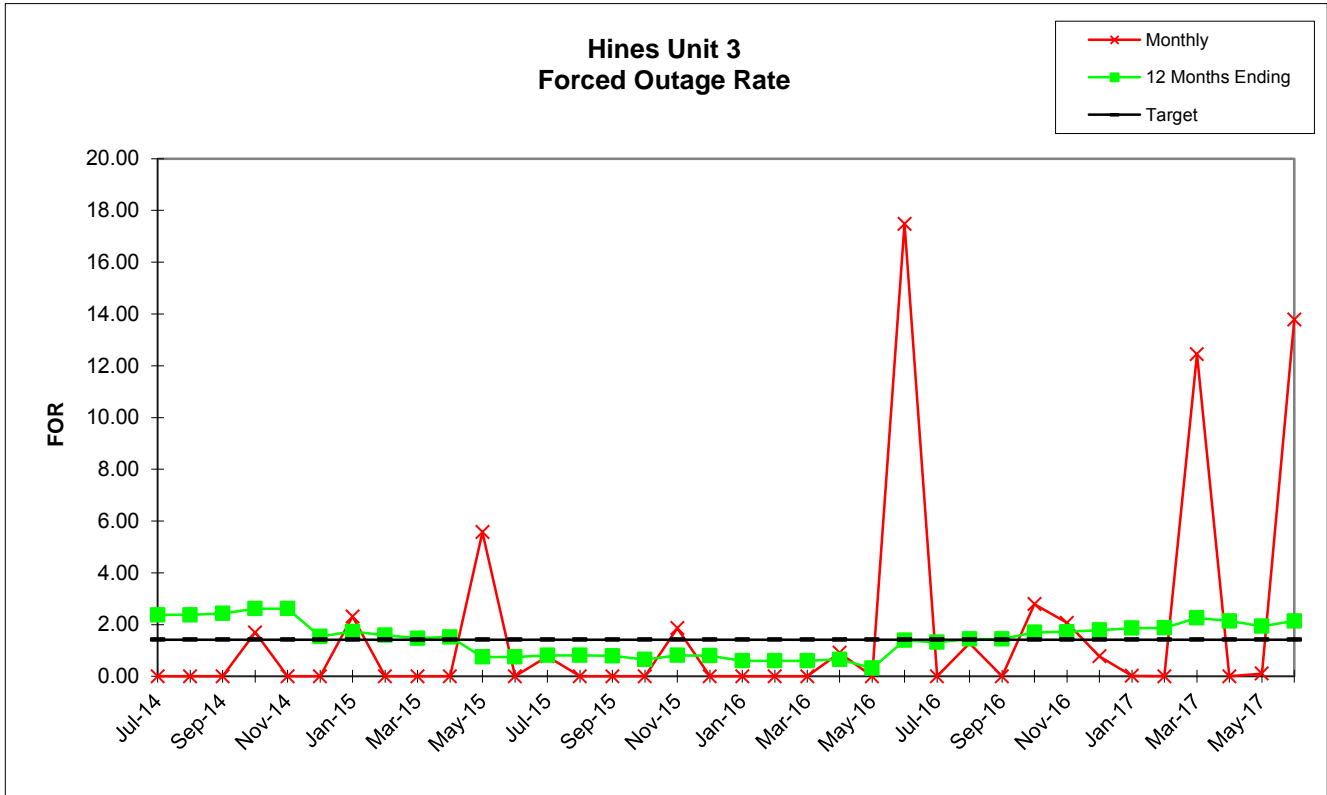


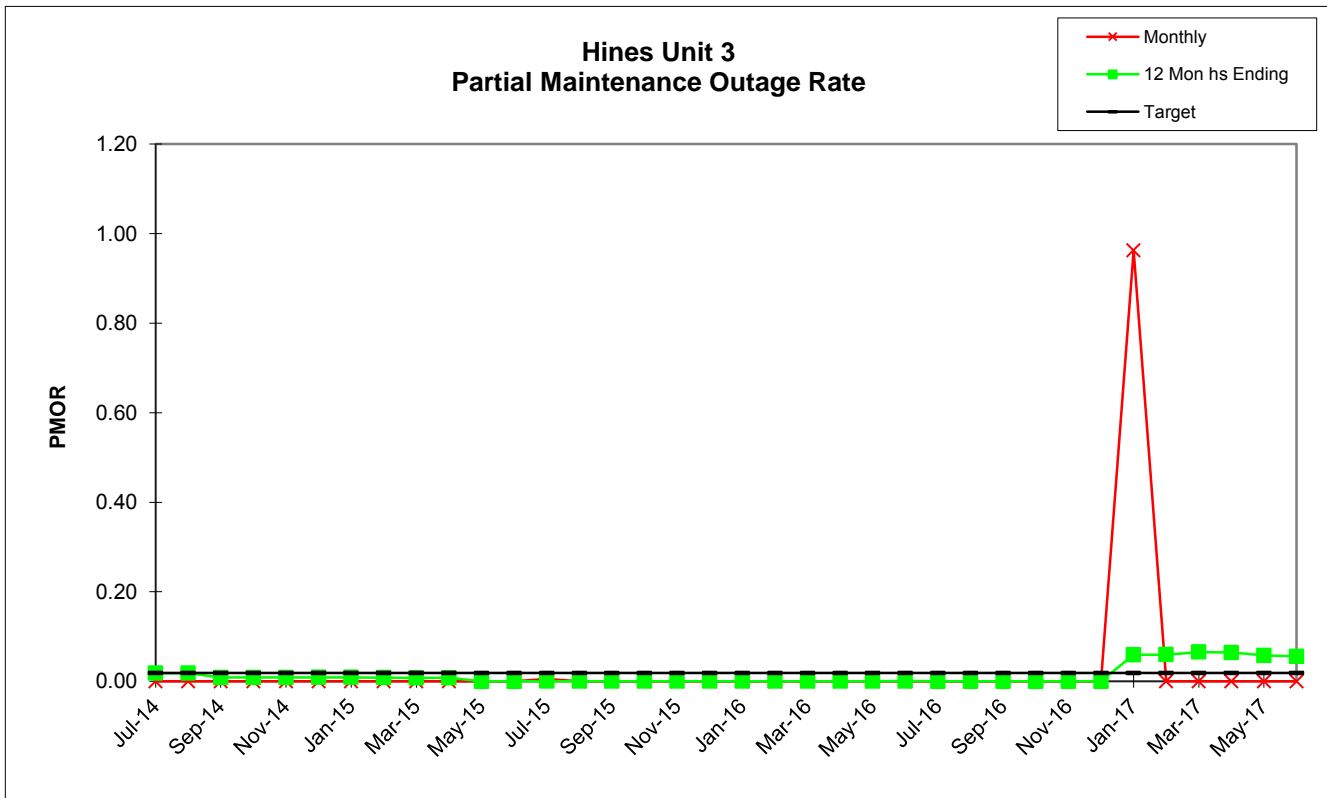
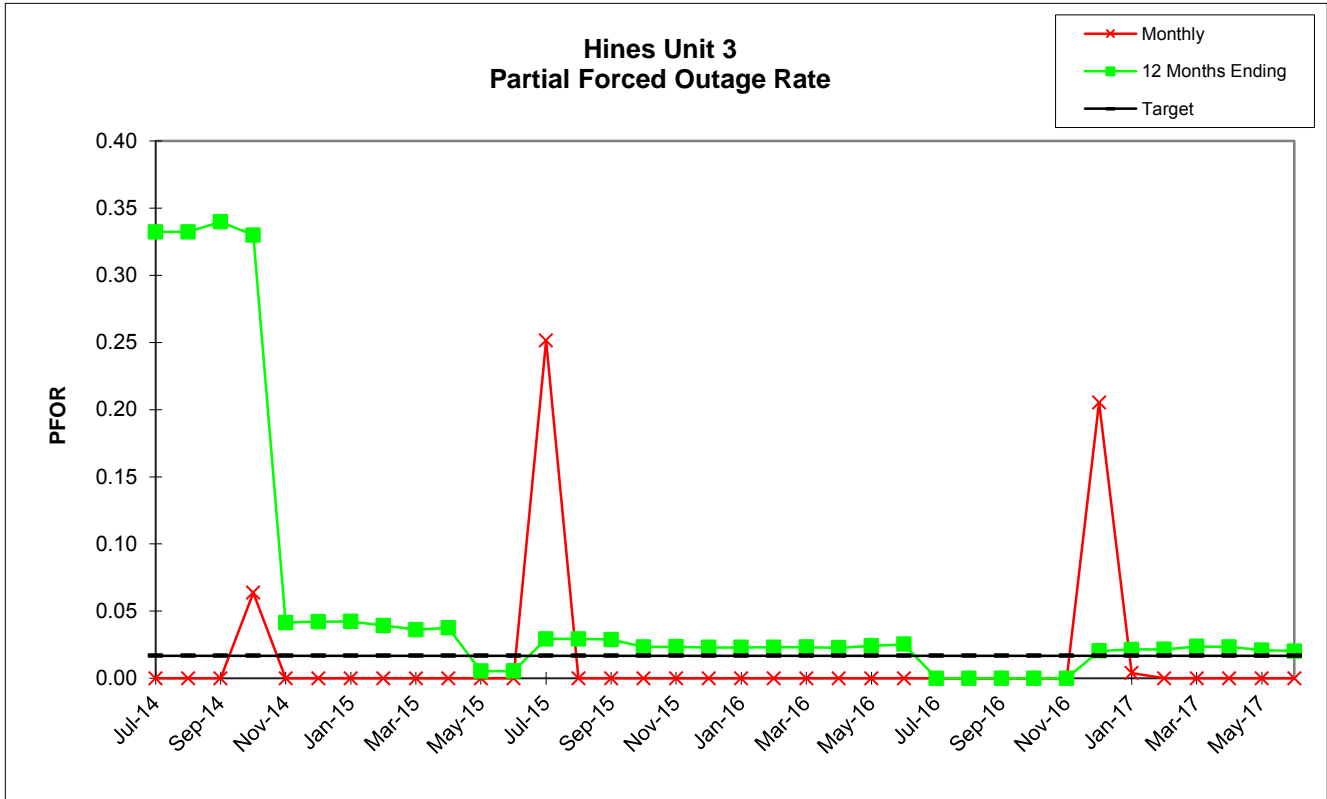
Hines
Unit 3

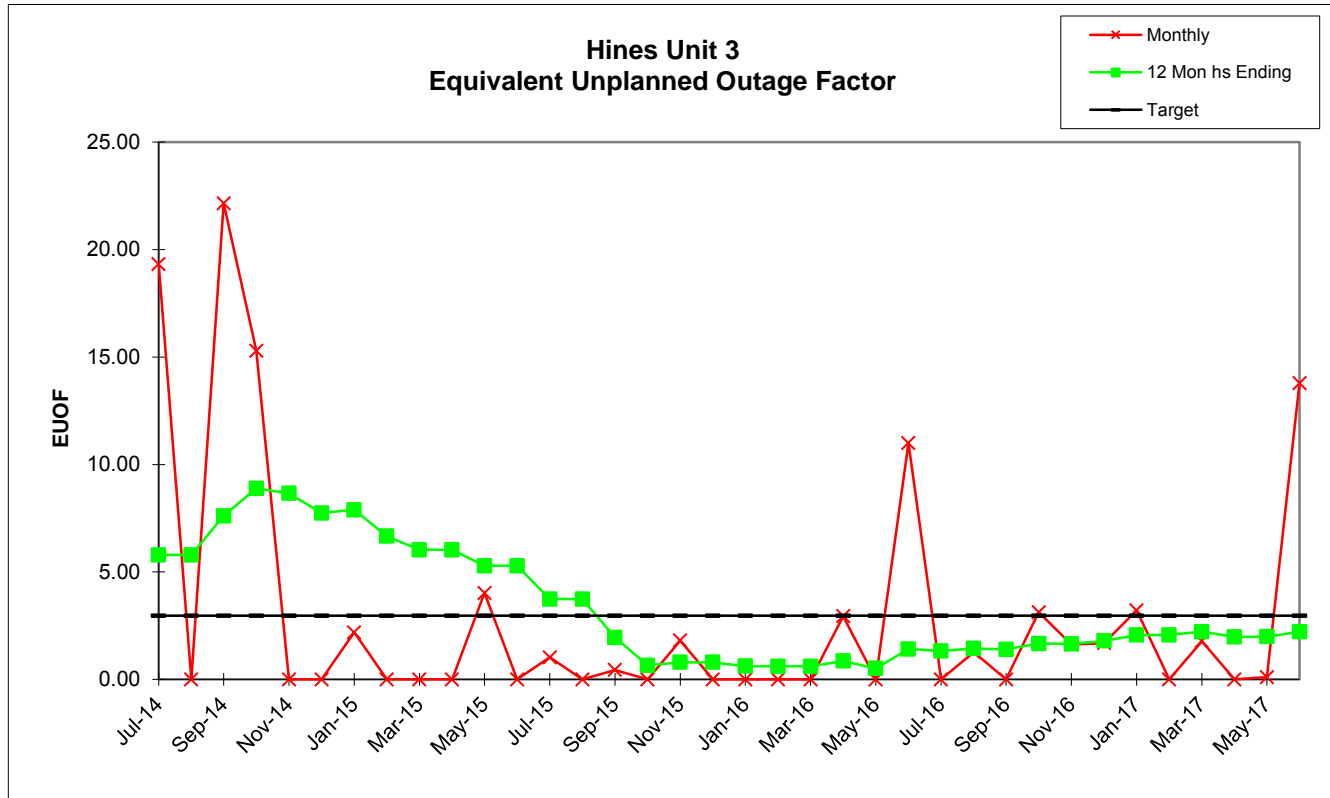
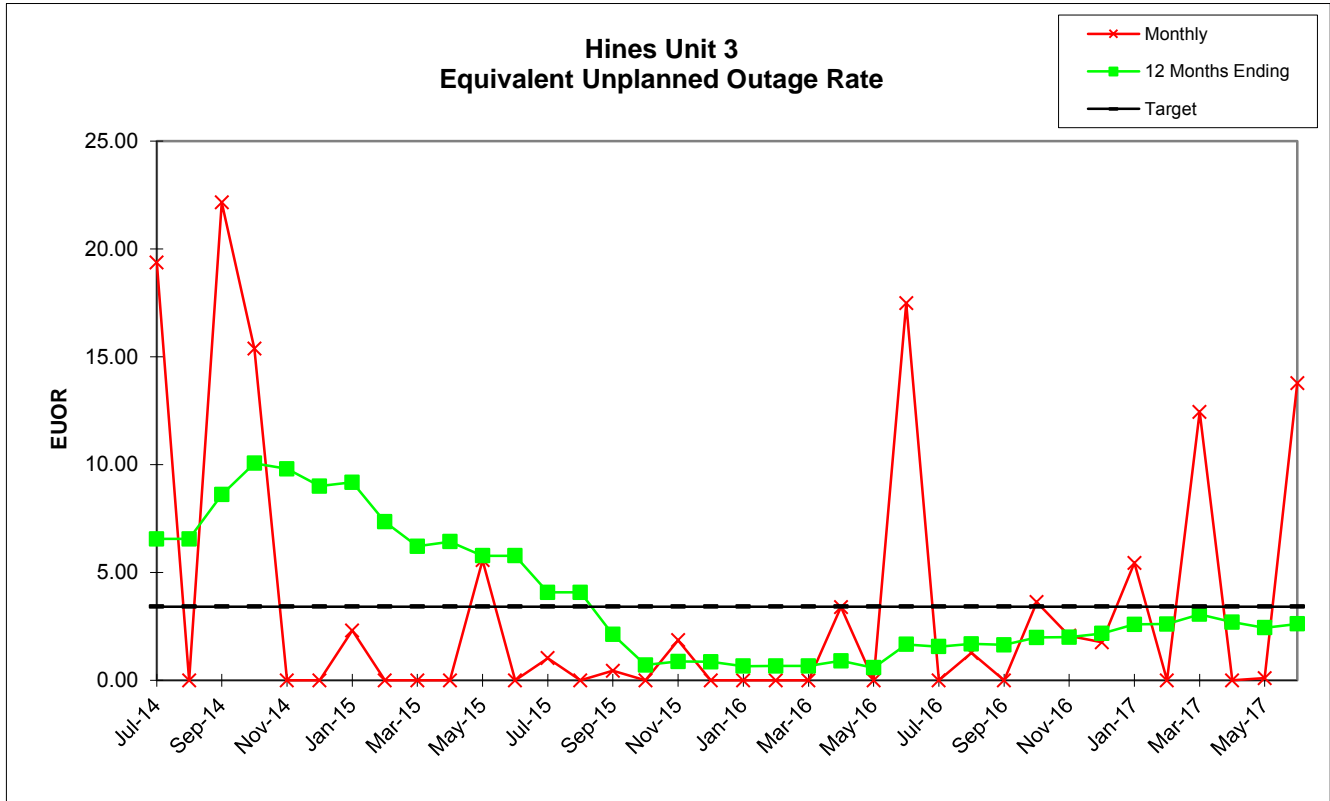
	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00
SER HOURS	598.19	744.00	560.45	626.35	721.00	545.48	686.93	672.00	743.00	429.71	506.44	720.00	738.24	744.00	710.18	744.00	685.54	686.18
RSH	2.01	0.00	0.00	4.27	0.00	198.52	40.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.64	0.00	22.44	2.13
UH	143.80	0.00	159.54	113.37	0.00	0.00	16.27	0.00	0.00	290.29	237.56	0.00	5.76	0.00	3.18	0.00	13.02	55.69
POH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	290.29	207.67	0.00	0.00	0.00	0.00	0.00	0.00	55.69
FOH	0.00	0.00	0.00	10.80	0.00	0.00	16.27	0.00	0.00	0.00	29.89	0.00	5.76	0.00	0.00	0.00	13.02	0.00
MOH	143.80	0.00	159.54	102.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.18	0.00	0.00	0.00
PFOH	0.00	0.00	0.00	2.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.36	0.00	0.00	0.00	0.00	0.00
LRPF	0.00	0.00	0.00	88.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	63.08	0.00	0.00	0.00	0.00	0.00
EFOH	0.00	0.00	0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	0.00	0.00	0.00	0.00	0.00
PMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00
LRPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.88	0.00	0.00	0.00	0.00	0.00
EMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	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	488.00	488.00	488.00	488.00	488.00	488.00
MONTHLY	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
FOR	0.00	0.00	0.00	1.70	0.00	0.00	2.31	0.00	0.00	0.00	5.57	0.00	0.77	0.00	0.00	0.00	1.86	0.00
MOR	19.38	0.00	22.16	14.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00
PFOR	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00
PMOR	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
EUOR	19.38	0.00	22.16	15.38	0.00	0.00	2.31	0.00	0.00	0.00	5.57	0.00	1.03	0.00	0.45	0.00	1.86	0.00
EUOF	19.33	0.00	22.16	15.29	0.00	0.00	2.19	0.00	0.00	0.00	4.02	0.00	1.03	0.00	0.44	0.00	1.81	0.00
POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.32	27.91	0.00	0.00	0.00	0.00	0.00	0.00	7.49
EAF	80.67	100.00	77.84	84.71	100.00	100.00	97.81	100.00	100.00	59.68	68.07	100.00	98.97	100.00	99.56	100.00	98.19	92.51
12 MONTHS	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
FOR	2.38	2.38	2.43	2.61	2.61	1.54	1.73	1.59	1.47	1.52	0.75	0.75	0.81	0.81	0.79	0.65	0.81	0.80
MOR	4.04	4.04	6.15	7.52	7.52	7.64	7.66	5.90	4.84	5.01	5.10	5.10	3.29	3.29	1.33	0.04	0.04	0.04
PFOR	0.33	0.33	0.34	0.33	0.04	0.04	0.04	0.04	0.04	0.04	0.01	0.01	0.03	0.03	0.03	0.02	0.02	0.02
PMOR	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EUOR	6.56	6.56	8.61	10.07	9.81	9.01	9.19	7.35	6.21	6.43	5.78	5.78	4.08	4.08	2.13	0.71	0.88	0.86
EUOF	5.79	5.79	7.61	8.89	8.66	7.75	7.89	6.66	6.03	6.03	5.29	5.29	3.73	3.73	1.95	0.65	0.80	0.80
POF	5.88	5.88	5.88	5.88	5.88	5.88	5.88	5.88	0.00	3.31	5.68	5.68	5.68	5.68	5.68	5.68	5.68	6.32
EAF	88.33	88.33	86.51	85.23	85.46	86.37	86.22	87.46	93.97	90.65	89.03	89.03	90.58	90.58	92.37	93.66	93.52	92.88

Hines
Unit 3

	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
PER HOURS	744.00	696.00	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	699.56	647.33	700.05	601.01	0.00	373.87	744.00	734.51	720.00	618.00	554.58	703.30	419.27	606.69	92.94	694.72	712.01	620.74
RSH	44.44	48.67	42.95	2.25	0.00	0.89	0.00	0.00	0.00	26.52	9.92	29.56	304.88	65.31	7.90	25.28	31.25	0.00
UH	0.00	0.00	0.00	116.74	744.00	345.24	0.00	9.49	0.00	99.47	156.50	11.14	19.85	0.00	642.16	0.00	0.74	99.26
POH	0.00	0.00	0.00	95.58	744.00	266.02	0.00	0.00	0.00	76.21	144.78	0.00	0.00	0.00	628.95	0.00	0.00	0.00
FOH	0.00	0.00	0.00	5.53	0.00	79.22	0.00	9.49	0.00	17.74	11.71	5.48	0.08	0.00	13.21	0.00	0.74	99.26
MOH	0.00	0.00	0.00	15.62	0.00	0.00	0.00	0.00	0.00	5.53	0.00	5.66	19.77	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	7.05	0.09	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	0.00	0.00	0.00	0.00	111.45	84.89	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	0.00	0.00	0.00	0.00	1.44	0.02	0.00	0.00	0.00	0.00	0.00
PMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.68	0.00	0.00	0.00	0.00	0.00
LRPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.78	0.00	0.00	0.00	0.00	0.00
EMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.03	0.00	0.00	0.00	0.00	0.00
NPC	544.00	544.00	544.00	544.00	544.00	544.00	544.00	544.00	544.00	544.00	544.00	544.00	471.00	471.00	471.00	471.00	471.00	471.00
MONTHLY	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
FOR	0.00	0.00	0.00	0.91	0.00	17.48	0.00	1.28	0.00	2.79	2.07	0.77	0.02	0.00	12.44	0.00	0.10	13.79
MOR	0.00	0.00	0.00	2.53	0.00	0.00	0.00	0.00	0.00	0.89	0.00	0.80	4.50	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	0.21	0.00	0.00	0.00	0.00	0.00	0.00
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00	0.00	0.00	0.00
EUOR	0.00	0.00	0.00	3.40	0.00	17.48	0.00	1.28	0.00	3.63	2.07	1.76	5.44	0.00	12.44	0.00	0.10	13.79
EUOF	0.00	0.00	0.00	2.94	0.00	11.00	0.00	1.28	0.00	3.13	1.62	1.69	3.21	0.00	1.78	0.00	0.10	13.79
POF	0.00	0.00	0.00	13.28	100.00	36.95	0.00	0.00	0.00	10.24	20.08	0.00	0.00	0.00	84.65	0.00	0.00	0.00
EAF	100.00	100.00	100.00	83.79	0.00	52.05	100.00	98.72	100.00	86.63	78.30	98.31	96.79	100.00	13.57	100.00	99.90	86.21
12 MONTHS	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
FOR	0.60	0.60	0.60	0.66	0.32	1.39	1.32	1.44	1.44	1.70	1.72	1.79	1.86	1.87	2.26	2.14	1.94	2.14
MOR	0.04	0.04	0.04	0.23	0.24	0.26	0.26	0.26	0.21	0.29	0.30	0.38	0.68	0.68	0.75	0.49	0.44	0.43
PFOR	0.02	0.02	0.02	0.02	0.02	0.03	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.07	0.06	0.06	0.06
EUOR	0.66	0.66	0.67	0.91	0.58	1.67	1.56	1.69	1.65	1.99	2.01	2.17	2.59	2.61	3.06	2.70	2.44	2.62
EUOF	0.61	0.61	0.61	0.85	0.51	1.41	1.33	1.44	1.40	1.66	1.65	1.79	2.06	2.07	2.22	1.98	1.99	2.22
POF	6.32	6.30	6.30	4.09	10.19	13.22	13.22	13.22	13.22	14.09	15.74	15.10	15.10	15.14	22.32	21.23	12.74	9.70
EAF	93.07	93.09	93.09	95.06	89.30	85.37	85.45	85.34	85.38	84.25	82.61	83.11	82.83	82.79	75.46	76.79	85.27	88.08





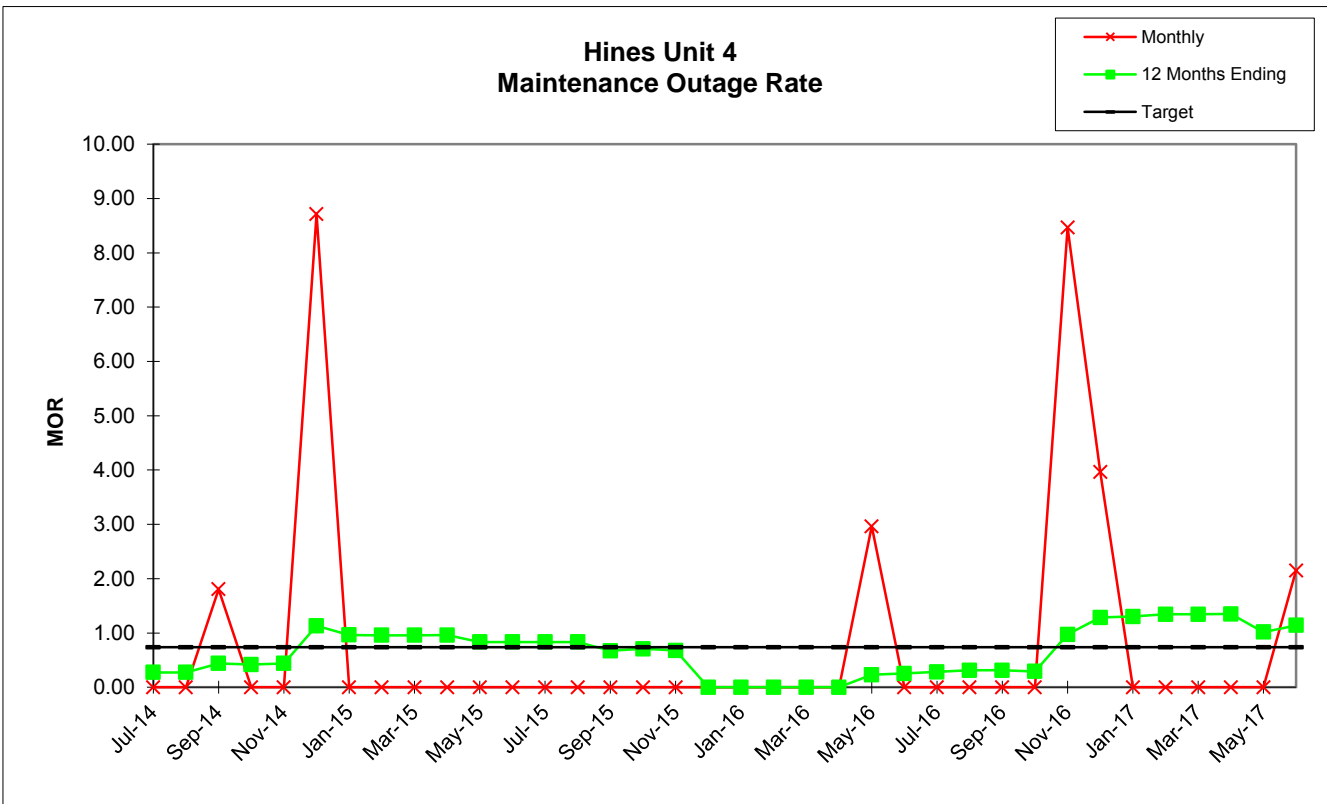
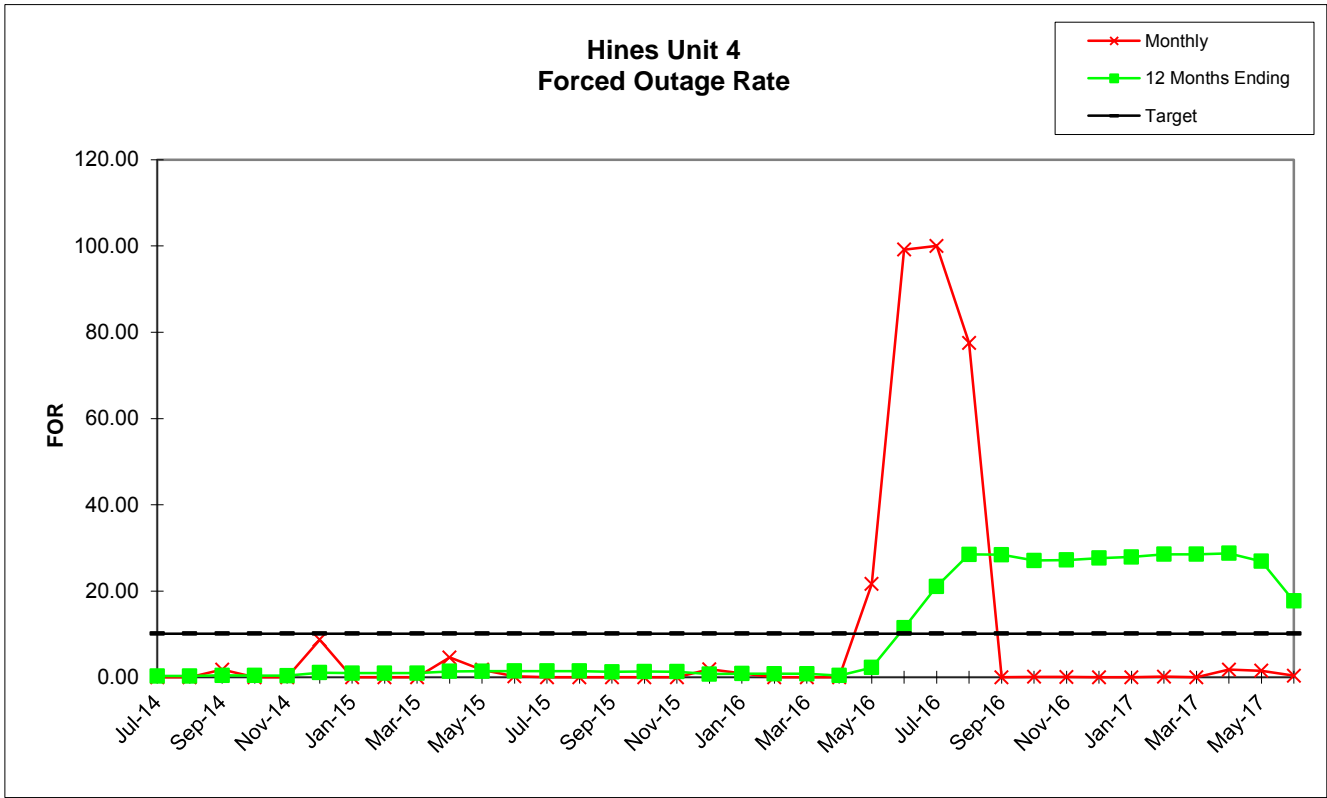


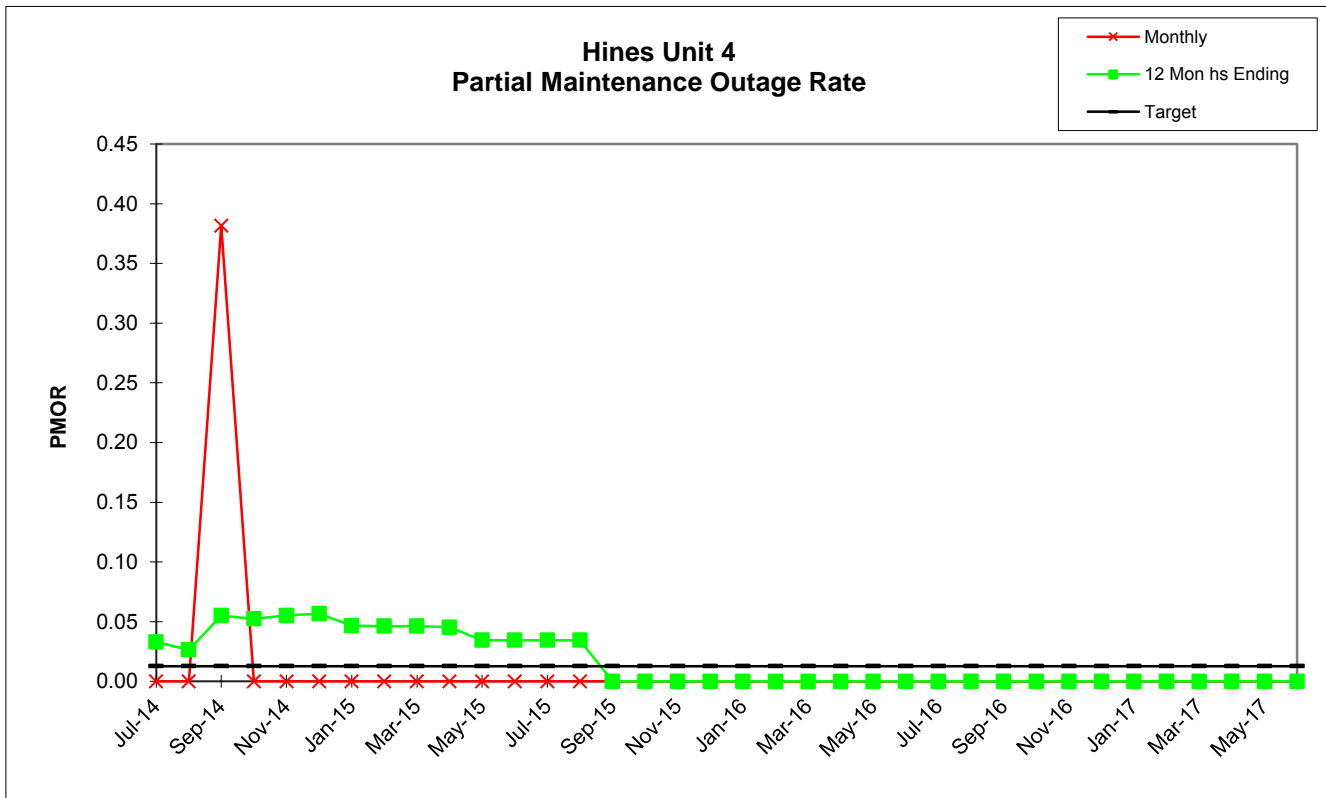
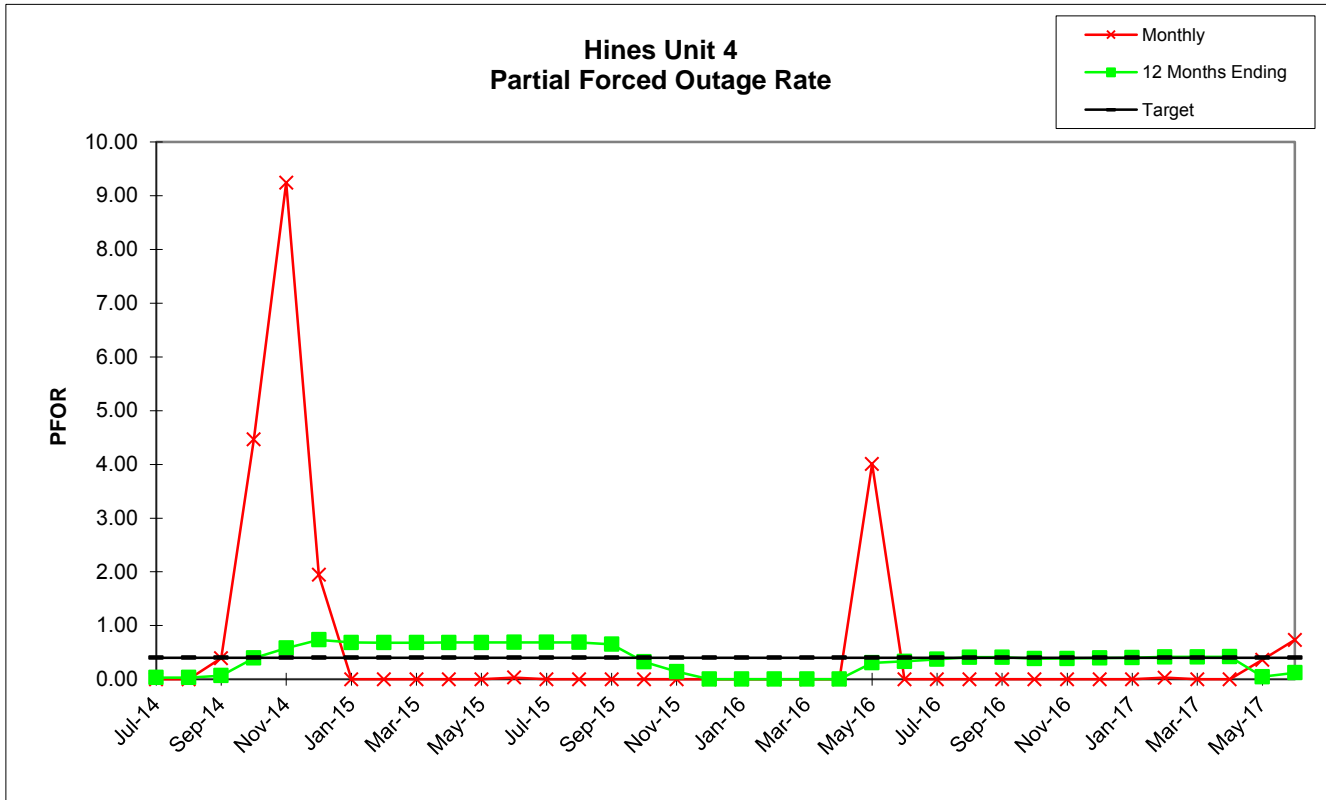
Hines
Unit 4

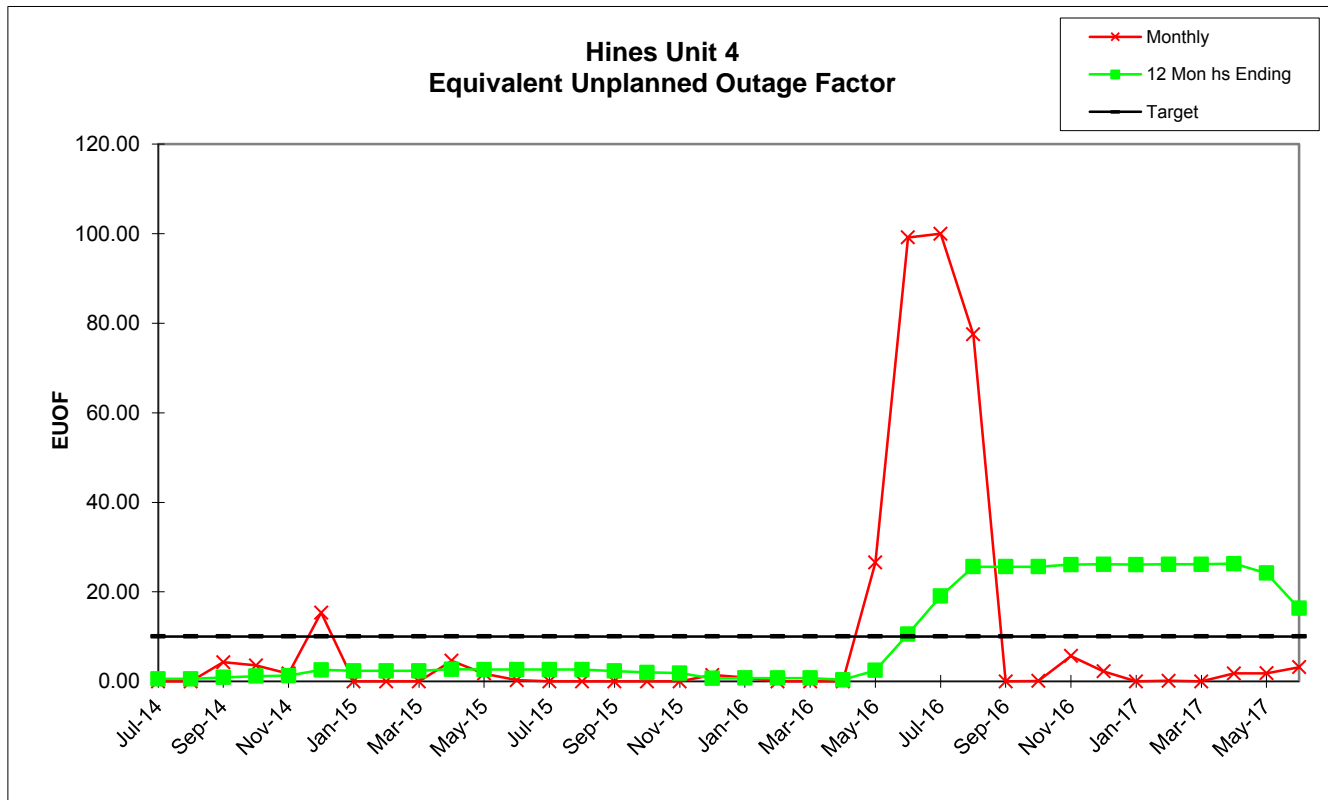
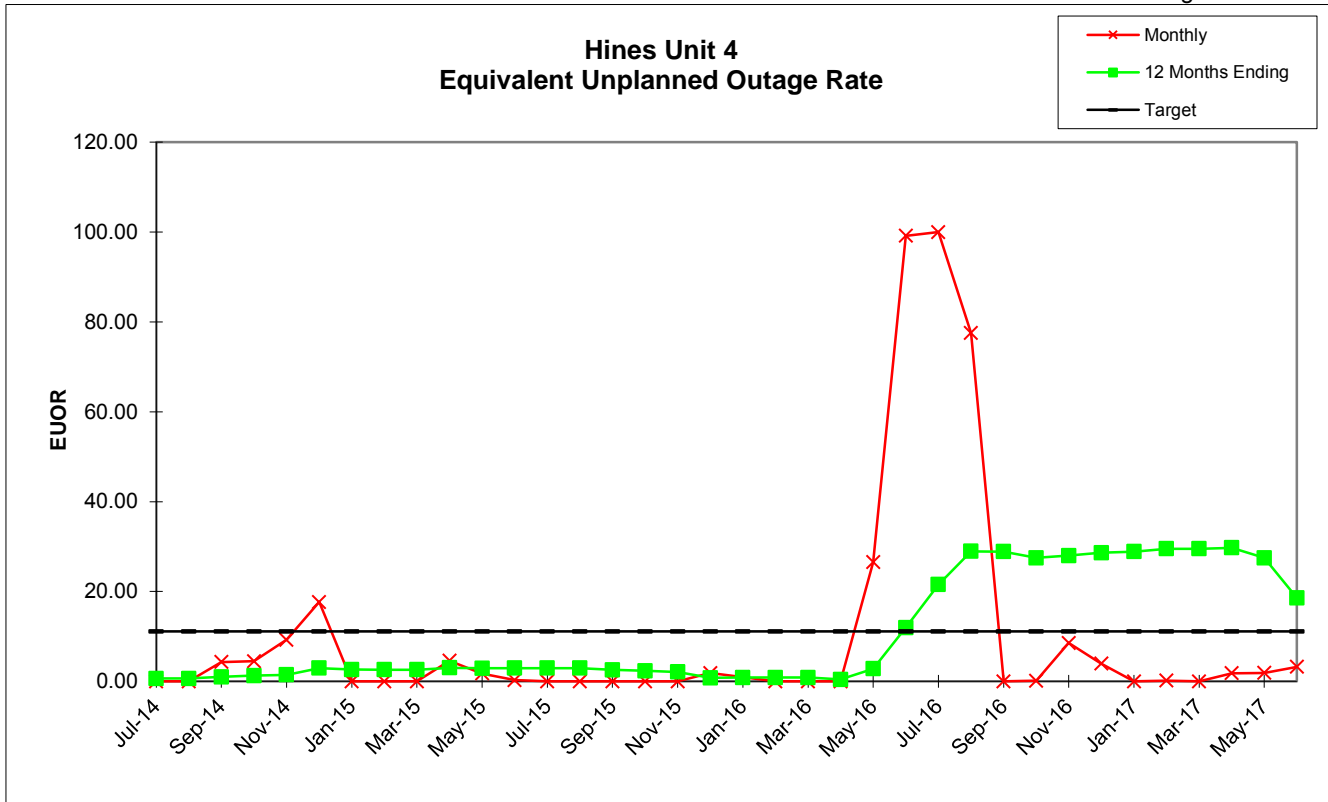
	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00
SER HOURS	737.02	744.00	694.09	596.00	137.46	543.72	732.40	639.19	743.00	686.86	731.01	698.02	744.00	744.00	692.25	188.05	479.78	564.85
RSH	6.98	0.00	0.38	148.00	230.66	96.50	11.60	32.81	0.00	0.00	0.00	20.30	0.00	0.00	27.75	0.00	10.56	19.62
UH	0.00	0.00	25.53	0.00	352.88	103.78	0.00	0.00	0.00	33.14	12.99	1.68	0.00	0.00	0.00	555.95	230.66	159.53
POH	0.00	0.00	0.00	0.00	352.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	555.95	230.66	148.82
FOH	0.00	0.00	12.76	0.00	0.00	51.89	0.00	0.00	0.00	33.14	12.99	1.68	0.00	0.00	0.00	0.00	0.00	10.71
MOH	0.00	0.00	12.76	0.00	0.00	51.89	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	14.80	147.88	70.77	59.41	0.00	0.00	0.00	0.00	0.00	1.14	0.00	0.00	0.00	0.00	0.00	0.00
LRPF	0.00	0.00	86.98	84.95	84.74	84.00	0.00	0.00	0.00	0.00	0.00	90.04	0.00	0.00	0.00	0.00	0.00	0.00
EFOH	0.00	0.00	2.73	26.61	12.71	10.57	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00
PMOH	0.00	0.00	14.37	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
LRPM	0.00	0.00	87.00	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
EMOH	0.00	0.00	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
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-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
FOR	0.00	0.00	1.81	0.00	0.00	8.71	0.00	0.00	0.00	4.60	1.75	0.24	0.00	0.00	0.00	0.00	0.00	1.86
MOR	0.00	0.00	1.81	0.00	0.00	8.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PFOR	0.00	0.00	0.39	4.47	9.24	1.94	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
PMOR	0.00	0.00	0.38	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
EUOR	0.00	0.00	4.29	4.47	9.24	17.66	0.00	0.00	0.00	4.60	1.75	0.27	0.00	0.00	0.00	0.00	0.00	1.86
EUOF	0.00	0.00	4.29	3.58	1.76	15.37	0.00	0.00	0.00	4.60	1.75	0.26	0.00	0.00	0.00	0.00	0.00	1.44
POF	0.00	0.00	0.00	0.00	48.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	74.72	31.99	20.00
EAF	100.00	100.00	95.71	96.42	49.29	84.63	100.00	100.00	100.00	95.40	98.25	99.74	100.00	100.00	100.00	25.28	68.01	78.56
12 MONTHS	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
FOR	0.31	0.31	0.44	0.42	0.38	1.07	0.96	0.96	0.96	1.38	1.42	1.44	1.44	1.44	1.28	1.35	1.29	0.76
MOR	0.27	0.27	0.44	0.42	0.44	1.13	0.96	0.96	0.96	0.96	0.83	0.83	0.83	0.83	0.67	0.71	0.68	0.00
PFOR	0.03	0.03	0.07	0.39	0.58	0.74	0.69	0.68	0.68	0.68	0.68	0.69	0.69	0.69	0.65	0.32	0.14	0.00
PMOR	0.03	0.03	0.06	0.05	0.06	0.06	0.05	0.05	0.05	0.05	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
EUOR	0.65	0.64	0.99	1.27	1.44	2.95	2.63	2.61	2.61	3.03	2.93	2.96	2.96	2.96	2.57	2.36	2.09	0.76
EUOF	0.58	0.57	0.88	1.19	1.28	2.58	2.35	2.35	2.35	2.72	2.63	2.66	2.66	2.66	2.30	2.00	1.85	0.67
POF	8.11	8.11	8.11	2.08	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	10.37	8.98	10.68
EAF	91.31	91.32	91.01	96.73	94.69	93.39	93.63	93.63	93.63	93.25	93.34	93.32	93.32	93.32	93.67	87.63	89.17	88.65

Hines
Unit 4

	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
PER HOURS	744.00	696.00	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	713.48	696.00	743.00	720.00	569.39	6.08	0.00	167.28	720.00	574.12	440.25	404.42	627.78	522.95	743.00	693.40	696.30	683.45
RSH	23.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.63	9.60	2.84	116.22	148.30	0.00	0.00	36.82	18.81
UH	6.55	0.00	0.00	0.00	174.61	713.91	744.00	576.72	0.00	131.25	271.15	336.74	0.00	0.75	0.00	26.60	10.88	17.74
POH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	130.53	230.12	320.04	0.00	0.00	0.00	13.83	0.00	0.00
FOH	6.55	0.00	0.00	0.00	157.21	713.91	744.00	576.72	0.00	0.73	0.32	0.00	0.00	0.75	0.00	12.76	10.88	2.72
MOH	0.00	0.00	0.00	0.00	17.40	0.00	0.00	0.00	0.00	0.00	40.71	16.70	0.00	0.00	0.00	0.00	0.00	15.02
PFOH	0.00	0.00	0.00	0.00	203.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.00	0.00	12.25	50.05
LRPF	0.00	0.00	0.00	0.00	59.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.56	0.00	0.00	93.49	45.43
EFOH	0.00	0.00	0.00	0.00	22.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	2.52	5.01
PMOH	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
LRPM	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
EMOH	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
NPC	528.00	528.00	528.00	528.00	528.00	528.00	528.00	528.00	528.00	528.00	528.00	528.00	454.00	454.00	454.00	454.00	454.00	454.00
MONTHLY	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
FOR	0.91	0.00	0.00	0.00	21.64	99.16	100.00	77.52	0.00	0.13	0.07	0.00	0.00	0.14	0.00	1.81	1.54	0.40
MOR	0.00	0.00	0.00	0.00	2.97	0.00	0.00	0.00	0.00	0.00	8.46	3.97	0.00	0.00	0.00	0.00	0.00	2.15
PFOR	0.00	0.00	0.00	0.00	4.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.36	0.73
PMOR	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
EUOR	0.91	0.00	0.00	0.00	26.54	99.16	100.00	77.52	0.00	0.13	8.53	3.97	0.00	0.17	0.00	1.81	1.90	3.24
EUOF	0.88	0.00	0.00	0.00	26.54	99.15	100.00	77.52	0.00	0.10	5.69	2.24	0.00	0.13	0.00	1.77	1.80	3.16
POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.54	31.92	43.02	0.00	0.00	0.00	1.92	0.00	0.00
EAF	99.12	100.00	100.00	100.00	73.46	0.85	0.00	22.48	100.00	82.36	62.39	54.74	100.00	99.87	100.00	96.31	98.20	96.84
12 MONTHS	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
FOR	0.85	0.84	0.84	0.41	2.28	11.46	21.06	28.51	28.41	27.07	27.20	27.65	27.90	28.53	28.53	28.75	26.91	17.70
MOR	0.00	0.00	0.00	0.00	0.23	0.25	0.28	0.31	0.31	0.29	0.97	1.28	1.30	1.34	1.34	1.35	1.02	1.14
PFOR	0.00	0.00	0.00	0.00	0.30	0.33	0.37	0.41	0.41	0.38	0.39	0.40	0.40	0.42	0.42	0.42	0.05	0.12
PMOR	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
EUOR	0.85	0.84	0.84	0.42	2.80	11.96	21.54	28.96	28.86	27.50	28.00	28.61	28.86	29.51	29.51	29.73	27.49	18.57
EUOF	0.75	0.74	0.74	0.37	2.47	10.57	19.04	25.61	25.61	25.62	26.08	26.15	26.08	26.16	26.16	26.30	24.20	16.31
POF	10.68	10.65	10.65	10.65	10.65	10.65	10.65	10.65	10.65	5.81	5.80	7.75	7.75	7.77	7.77	7.93	7.93	7.93
EAF	88.58	88.61	88.61	88.98	86.89	78.78	70.31	63.74	63.74	68.58	68.12	66.10	66.17	66.07	66.07	65.77	67.87	75.76







GPIF REWARD/PENALTY SCHEDULES

<u>Description</u>	<u>Sheet</u>
Index	1
Reward/Penalty Table (Actual)	2
Calculation of Maximum Incentive Dollars (Actual)	3
Calculation of System Actual GPIF Points	4
GPIF Unit Performance Summary	5
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GENERATING PERFORMANCE INCENTIVE FACTOR

REWARD/PENALTY TABLE

ACTUAL

Duke Energy Florida
January 2016 - December 2016

Generating Performance Incentive Points (GPIF)	Fuel Savings/Loss (\$)	Generating Performance Incentive Factor (\$)
10	\$ 57,221,000	\$ 20,299,532
9	\$ 51,498,900	\$ 18,269,579
8	\$ 45,776,800	\$ 16,239,626
7	\$ 40,054,700	\$ 14,209,672
6	\$ 34,332,600	\$ 12,179,719
5	\$ 28,610,500	\$ 10,149,766
4	\$ 22,888,400	\$ 8,119,813
3	\$ 17,166,300	\$ 6,089,860
2	\$ 11,444,200	\$ 4,059,906
**** 1.376	\$ 7,873,610	\$ 2,793,216
1	\$ 5,722,100	\$ 2,029,953
0	\$ -	\$ -
-1	\$ (6,836,000)	\$ (2,029,953)
-2	\$ (13,672,000)	\$ (4,059,906)
-3	\$ (20,508,000)	\$ (6,089,860)
-4	\$ (27,344,000)	\$ (8,119,813)
-5	\$ (34,180,000)	\$ (10,149,766)
-6	\$ (41,016,000)	\$ (12,179,719)
-7	\$ (47,852,000)	\$ (14,209,672)
-8	\$ (54,688,000)	\$ (16,239,626)
-9	\$ (61,524,000)	\$ (18,269,579)
-10	\$ (68,360,000)	\$ (20,299,532)

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GENERATION PERFORMANCE INCENTIVE FACTOR

CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

Duke Energy Florida

January 2016 - December 2016

1	Beginning of period balance of common equity	\$ 5,121,368,695	
	END OF MONTH BALANCE OF COMMON EQUITY:		
2	Month of JANUARY 2016	\$ 5,189,911,509	
3	Month of FEBRUARY 2016	\$ 5,199,762,937	
4	Month of MARCH 2016	\$ 5,232,038,627	
5	Month of APRIL 2016	\$ 5,269,916,262	
6	Month of MAY 2016	\$ 5,334,413,417	
7	Month of JUNE 2016	\$ 4,753,947,076	
8	Month of JULY 2016	\$ 4,832,496,936	
9	Month of AUGUST 2016	\$ 4,908,871,417	
10	Month of SEPTEMBER 2016	\$ 4,838,988,801	
11	Month of OCTOBER 2016	\$ 4,876,631,366	
12	Month of NOVEMBER 2016	\$ 4,902,152,150	
13	Month of DECEMBER 2016	\$ 4,900,112,586	
14	Average common equity for the period	\$ 5,027,739,368	
15	25 Basis Points	0.0025	
16	Revenue Expansion Factor	61.2073%	
17	Maximum allowed incentive dollars	\$ 20,535,692	
18	Jurisdictional Sales *	38,773,960 MWH	
19	Total Sales *	39,223,491 MWH	
20	Jurisdictional Separation Factor	98.8500%	
21	Maximum allowed jurisdictional incentive dollars	\$ 20,299,532	
22	Incentive Cap (50% of Projected Fuel Savings at 10 GPIF Point Level) From Sheet No. 6.101.1	\$ 28,610,500	
23	Maximum Allowed GPIF Reward (Lesser of Line 21 and Line 22)	\$ 20,299,532	
*	Net sales (Sales - Interruptible)		

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GENERATION PERFORMANCE INCENTIVE FACTOR

CALCULATION OF SYSTEM ACTUAL GPIF POINTS

Duke Energy Florida
January 2016 - December 2016

<u>Plant/Unit</u>	<u>Performance Indicator</u> EAF or ANOHR	<u>Weighting Factor %</u>	<u>Unit Points</u>	<u>Weighted Unit Points</u>
Bartow CC	EAF	2.57	-6.592	-0.169
	ANOHR	22.98	-3.553	-0.816
Crystal River 4	EAF	1.63	8.052	0.131
	ANOHR	9.14	0.382	0.035
Crystal River 5	EAF	1.80	-0.461	-0.008
	ANOHR	12.92	3.454	0.446
Hines 1	EAF	0.72	-2.144	-0.015
	ANOHR	11.81	5.946	0.702
Hines 2	EAF	9.44	10.000	0.944
	ANOHR	5.22	0.000	0.000
Hines 3	EAF	1.80	9.427	0.170
	ANOHR	11.01	0.000	0.000
Hines 4	EAF	0.44	-10.000	-0.044
	ANOHR	8.53	0.000	0.000
GPIF System		100.0		1.376

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GENERATION PERFORMANCE INCENTIVE FACTOR
GPIF UNIT PERFORMANCE SUMMARY

Duke Energy Florida
January 2016 - December 2016

Plant/Unit	Weighting Factor (%)	EAF Target (%)	EAF RANGE		Max. Fuel Savings (\$000)	Max. Fuel Loss (\$000)	EAF Adjusted Actual (%)	Estimated Fuel Savings/Loss (\$000)
			Max. (%)	Min. (%)				
Bartow CC	2.57	88.61	91.04	83.67	\$1,471	(\$4,321)	85.35	(\$2,848)
Crystal River 4	1.63	83.19	87.42	74.93	\$934	(\$2,418)	86.60	\$752
Crystal River 5	1.80	94.56	97.11	89.38	\$1,031	(\$1,013)	94.32	(\$47)
Hines 1	0.72	92.45	93.18	90.93	\$413	(\$921)	92.12	(\$197)
Hines 2	9.44	57.57	69.41	32.70	\$5,403	(\$10,865)	79.07	\$5,403
Hines 3	1.80	82.93	84.47	79.76	\$1,028	(\$1,484)	84.38	\$969
Hines 4	0.44	84.95	85.48	83.86	\$250	(\$647)	61.66	(\$647)
GPIF System	18.40				\$10,530.0	(\$21,669.0)		\$3,384.6

Plant/Unit	Weighting Factor (%)	ANOHR Target (BTU/KWH)	NOF	ANOHR RANGE		Max. Fuel Savings (\$000)	Max. Fuel Loss (\$000)	ANOHR Adjusted Actual (Btu/kwh)	Estimated Fuel Savings/Loss (\$000)
				Min. (Btu/kwh)	Max. (Btu/kwh)				
Bartow CC	22.98	7,427	82.7	6,984	7,870	\$13,149	(\$13,149)	7,633	(\$4,672)
Crystal River 4	9.14	10,465	71.0	10,053	10,878	\$5,227	(\$5,227)	10,377	\$200
Crystal River 5	12.92	10,345	71.7	9,851	10,838	\$7,392	(\$7,392)	10,125	\$2,553
Hines 1	11.81	7,319	96.7	6,855	7,782	\$6,758	(\$6,758)	7,013	\$4,018
Hines 2	5.22	7,343	80.5	6,931	7,755	\$2,987	(\$2,987)	7,358	\$0
Hines 3	11.01	7,227	90.2	6,745	7,708	\$6,298	(\$6,298)	7,160	\$0
Hines 4	8.53	6,983	97.3	6,634	7,333	\$4,880	(\$4,880)	7,004	\$0
GPIF System	81.61					\$46,691.0	(\$46,691.0)		\$2,099.3

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GENERATION PERFORMANCE INCENTIVE FACTOR
ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida
January 2016 - December 2016

Plant/Unit	ACTUAL EAF %	ADJUSTMENTS (1) TO EAF %	ADJUSTED ACTUAL EAF %
Bartow CC	80.86	4.50	85.35
Crystal River 4	85.85	0.74	86.60
Crystal River 5	92.37	1.95	94.32
Hines 1	88.03	4.09	92.12
Hines 2	87.42	-8.35	79.07
Hines 3	83.07	1.31	84.38
Hines 4	66.08	-4.42	61.66

Plant/Unit	ACTUAL ANOHR BTU/KWH	ADJUSTMENTS (2) TO ANOHR BTU/KWH	ADJUSTED ACTUAL ANOHR BTU/KWH
Bartow CC	7,680.1	-47.3	7,632.7
Crystal River 4	10,384.3	-7.1	10,377.1
Crystal River 5	10,296.3	-171.0	10,125.3
Hines 1	7,191.8	-179.1	7,012.7
Hines 2	7,357.7	0.0	7,357.7
Hines 3	7,231.0	-70.7	7,160.3
Hines 4	7,042.4	-38.2	7,004.1

(1) For documentation of adjustments to actual EAF, see sheet 6.

(2) For documentation of adjustments to actual ANOHR, see sheet 7.

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GENERATION PERFORMANCE INCENTIVE FACTOR
ADJUSTMENTS TO EAF ACTUAL

Duke Energy Florida
January 2016 - December 2016

EAF adjustments for Planned Outage Hours			<u>BA4</u>	<u>CR4</u>	<u>CR5</u>	<u>HN1</u>	<u>HN2</u>	<u>HN3</u>	<u>HN4</u>
1	Actual POH	Hrs.	980.15	741.58	181.62	894.67	770.46	1,329.40	682.11
2	Target POH	Hrs.	546.00	672.00	0.00	528.00	1,536.00	1,212.00	1,224.00
3	Adj. Factor (PH-POHT/PH-POHA)		1.06	1.01	1.02	1.05	0.90	1.02	0.93
4	Actual EUOH	Hrs.	701.52	501.06	488.52	156.55	334.66	157.42	2,297.07
5	Adj. EUOH (3*4)	Hrs.	740.55	505.40	498.83	163.82	302.69	159.90	2,143.43
6	Actual EAF	%	80.86	85.85	92.37	88.03	87.42	83.07	66.08
7	Adjusted EAF (using 2 & 5)	%	85.35	86.60	94.32	92.12	79.07	84.38	61.66
8	Difference (7-6)	%	4.50	0.74	1.95	4.09	-8.35	1.31	-4.42
9	Total adj. to EAF	%	4.50	0.74	1.95	4.09	-8.35	1.31	-4.42

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GENERATION PERFORMANCE INCENTIVE FACTOR
ADJUSTMENTS TO ANOHR ACTUAL

Duke Energy Florida
January 2016 - December 2016

ANOHR adjustments for Target NOF			<u>BA4</u>	<u>CR4</u>	<u>CR5</u>	<u>HN1</u>	<u>HN2</u>	<u>HN3</u>	<u>HN4</u>
1	Target NOF	%	82.7	71.0	71.7	96.7	80.5	90.2	97.3
2	Target ANOHR	Btu/kwh	7427.0	10465.0	10345.0	7319.0	7343.0	7227.0	6983.0
3	Actual NOF	%	79.5	69.7	65.5	84.2	83.0	81.9	84.2
4	Calc. ANOHR (using 3)	Btu/kwh	7,474.3	10,472.1	10,516.0	7,498.1	7,339.0	7,297.7	7,021.2
5	Total adj. to ANOHR (2-4)	Btu/kwh	-47.3	-7.1	-171.0	-179.1	0.0	-70.7	-38.2

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
January 2016 - December 2016

Unit: Bartow CC

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	\$13,149,000	6,984.0	
9	\$1,323,900	90.80	9	\$11,834,100	7,020.8	
8	\$1,176,800	90.55	8	\$10,519,200	7,057.6	
7	\$1,029,700	90.31	7	\$9,204,300	7,094.4	
6	\$882,600	90.07	6	\$7,889,400	7,131.2	
5	\$735,500	89.83	5	\$6,574,500	7,168.0	
4	\$588,400	89.58	4	\$5,259,600	7,204.8	
3	\$441,300	89.34	3	\$3,944,700	7,241.6	
2	\$294,200	89.10	2	\$2,629,800	7,278.4	
1	\$147,100	88.85	1	\$1,314,900	7,315.2	
	\$0	88.61	0	\$0	7,352.0	
0	\$0	88.61	0	\$0	7,427.0	
	\$0	88.61	0	\$0	7,502.0	
-1	(\$432,100)	88.12	-1	(\$1,314,900)	7,538.8	
-2	(\$864,200)	87.62	-2	(\$2,629,800)	7,575.6	
-3	(\$1,296,300)	87.13	-3	(\$3,944,700)	7,612.4	
-4	(\$1,728,400)	86.63	-3.553	(\$4,671,840)	7,632.8 ****	
-5	(\$2,160,500)	86.14	-4	(\$5,259,600)	7,649.2	
-6	(\$2,592,600)	85.65	-5	(\$6,574,500)	7,686.0	
****	-6.592	(\$2,848,403)	85.35	-6	(\$7,889,400)	7,722.8
	-7	(\$3,024,700)	85.15	-7	(\$9,204,300)	7,759.6
	-8	(\$3,456,800)	84.66	-8	(\$10,519,200)	7,796.4
	-9	(\$3,888,900)	84.16	-9	(\$11,834,100)	7,833.2
	-10	(\$4,321,000)	83.67	-10	(\$13,149,000)	7,870.0

Equivalent Availability
Weighting Factor:

2.57%

Heat Rate
Weighting Factor:

22.98%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
January 2016 - December 2016

Unit: 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	\$5,227,000	10,053.0
9	\$840,600	87.00	9	\$4,704,300	10,086.7
**** 8.052	\$752,057	86.60	8	\$4,181,600	10,120.4
8	\$747,200	86.57	7	\$3,658,900	10,154.1
7	\$653,800	86.15	6	\$3,136,200	10,187.8
6	\$560,400	85.73	5	\$2,613,500	10,221.5
5	\$467,000	85.31	4	\$2,090,800	10,255.2
4	\$373,600	84.88	3	\$1,568,100	10,288.9
3	\$280,200	84.46	2	\$1,045,400	10,322.6
2	\$186,800	84.04	1	\$522,700	10,356.3
1	\$93,400	83.61	0.382	\$199,671	10,377.1 ****
	\$0	83.19	0	\$0	10,390.0
0	\$0	83.19	0	\$0	10,465.0
	\$0	83.19	0	\$0	10,540.0
-1	(\$241,800)	82.36	-1	(\$522,700)	10,573.8
-2	(\$483,600)	81.54	-2	(\$1,045,400)	10,607.6
-3	(\$725,400)	80.71	-3	(\$1,568,100)	10,641.4
-4	(\$967,200)	79.89	-4	(\$2,090,800)	10,675.2
-5	(\$1,209,000)	79.06	-5	(\$2,613,500)	10,709.0
-6	(\$1,450,800)	78.23	-6	(\$3,136,200)	10,742.8
-7	(\$1,692,600)	77.41	-7	(\$3,658,900)	10,776.6
-8	(\$1,934,400)	76.58	-8	(\$4,181,600)	10,810.4
-9	(\$2,176,200)	75.76	-9	(\$4,704,300)	10,844.2
-10	(\$2,418,000)	74.93	-10	(\$5,227,000)	10,878.0

Equivalent Availability
Weighting Factor:

1.63%

Heat Rate
Weighting Factor:

9.14%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
January 2016 - December 2016

Unit: 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	\$7,392,000	9,851.0
9	\$927,900	96.86	9	\$6,652,800	9,892.9
8	\$824,800	96.60	8	\$5,913,600	9,934.8
7	\$721,700	96.35	7	\$5,174,400	9,976.7
6	\$618,600	96.09	6	\$4,435,200	10,018.6
5	\$515,500	95.84	5	\$3,696,000	10,060.5
4	\$412,400	95.58	4	\$2,956,800	10,102.4
3	\$309,300	95.33	3.454	\$2,553,197	10,125.3 ****
2	\$206,200	95.07	3	\$2,217,600	10,144.3
1	\$103,100	94.82	2	\$1,478,400	10,186.2
	\$0	94.56	1	\$739,200	10,228.1
0	\$0	94.56	0	\$0	10,270.0
	\$0	94.56	0	\$0	10,345.0
****	-0.461	(\$46,699)	0	\$0	10,420.0
	-1	(\$101,300)	-1	(\$739,200)	10,461.8
	-2	(\$202,600)	-2	(\$1,478,400)	10,503.6
	-3	(\$303,900)	-3	(\$2,217,600)	10,545.4
	-4	(\$405,200)	-4	(\$2,956,800)	10,587.2
	-5	(\$506,500)	-5	(\$3,696,000)	10,629.0
	-6	(\$607,800)	-6	(\$4,435,200)	10,670.8
	-7	(\$709,100)	-7	(\$5,174,400)	10,712.6
	-8	(\$810,400)	-8	(\$5,913,600)	10,754.4
	-9	(\$911,700)	-9	(\$6,652,800)	10,796.2
	-10	(\$1,013,000)	-10	(\$7,392,000)	10,838.0

Equivalent Availability
Weighting Factor:

1.80%

Heat Rate
Weighting Factor:

12.92%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
January 2016 - December 2016

Unit: 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	\$6,758,000	6,855.0	
9	\$371,700	93.11	9	\$6,082,200	6,893.9	
8	\$330,400	93.03	8	\$5,406,400	6,932.8	
7	\$289,100	92.96	5.946	\$4,018,307	7,012.7 ****	
6	\$247,800	92.89	7	\$4,730,600	6,971.7	
5	\$206,500	92.82	6	\$4,054,800	7,010.6	
4	\$165,200	92.74	5	\$3,379,000	7,049.5	
3	\$123,900	92.67	4	\$2,703,200	7,088.4	
2	\$82,600	92.60	3	\$2,027,400	7,127.3	
1	\$41,300	92.52	2	\$1,351,600	7,166.2	
	\$0	92.45	1	\$675,800	7,205.1	
0	\$0	92.45	0	\$0	7,244.0	
	\$0	92.45	0	\$0	7,319.0	
-1	(\$92,100)	92.30	0	\$0	7,394.0	
-2	(\$184,200)	92.15	-1	(\$675,800)	7,432.8	
****	-2.144	(\$197,462)	92.12	-2	(\$1,351,600)	7,471.6
	-3	(\$276,300)	91.99	-3	(\$2,027,400)	7,510.4
	-4	(\$368,400)	91.84	-4	(\$2,703,200)	7,549.2
	-5	(\$460,500)	91.69	-5	(\$3,379,000)	7,588.0
	-6	(\$552,600)	91.54	-6	(\$4,054,800)	7,626.8
	-7	(\$644,700)	91.39	-7	(\$4,730,600)	7,665.6
	-8	(\$736,800)	91.23	-8	(\$5,406,400)	7,704.4
	-9	(\$828,900)	91.08	-9	(\$6,082,200)	7,743.2
	-10	(\$921,000)	90.93	-10	(\$6,758,000)	7,782.0

Equivalent Availability
Weighting Factor:

0.72%

Heat Rate
Weighting Factor:

11.81%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
January 2016 - December 2016

Unit: 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	\$2,987,000	6,931.0
10	\$5,403,000	69.41	9	\$2,688,300	6,964.7
9	\$4,862,700	68.23	8	\$2,389,600	6,998.4
8	\$4,322,400	67.04	7	\$2,090,900	7,032.1
7	\$3,782,100	65.86	6	\$1,792,200	7,065.8
6	\$3,241,800	64.67	5	\$1,493,500	7,099.5
5	\$2,701,500	63.49	4	\$1,194,800	7,133.2
4	\$2,161,200	62.31	3	\$896,100	7,166.9
3	\$1,620,900	61.12	2	\$597,400	7,200.6
2	\$1,080,600	59.94	1	\$298,700	7,234.3
1	\$540,300	58.75	0	\$0	7,268.0
	\$0	57.57	0.000	\$0	7,357.7 ****
0	\$0	57.57	0	\$0	7,343.0
	\$0	57.57	0	\$0	7,418.0
-1	(\$1,086,500)	55.08	-1	(\$298,700)	7,451.7
-2	(\$2,173,000)	52.60	-2	(\$597,400)	7,485.4
-3	(\$3,259,500)	50.11	-3	(\$896,100)	7,519.1
-4	(\$4,346,000)	47.62	-4	(\$1,194,800)	7,552.8
-5	(\$5,432,500)	45.14	-5	(\$1,493,500)	7,586.5
-6	(\$6,519,000)	42.65	-6	(\$1,792,200)	7,620.2
-7	(\$7,605,500)	40.16	-7	(\$2,090,900)	7,653.9
-8	(\$8,692,000)	37.67	-8	(\$2,389,600)	7,687.6
-9	(\$9,778,500)	35.19	-9	(\$2,688,300)	7,721.3
-10	(\$10,865,000)	32.70	-10	(\$2,987,000)	7,755.0

Equivalent Availability
Weighting Factor:

9.44%

Heat Rate
Weighting Factor:

5.22%

Issued by: Duke Energy Florida

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

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
January 2016 - December 2016

Unit: 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	\$6,298,000	6,745.0
**** 9.427	\$969,096	84.38	9	\$5,668,200	6,785.7
9	\$925,200	84.32	8	\$5,038,400	6,826.4
8	\$822,400	84.16	7	\$4,408,600	6,867.1
7	\$719,600	84.01	6	\$3,778,800	6,907.8
6	\$616,800	83.85	5	\$3,149,000	6,948.5
5	\$514,000	83.70	4	\$2,519,200	6,989.2
4	\$411,200	83.55	3	\$1,889,400	7,029.9
3	\$308,400	83.39	2	\$1,259,600	7,070.6
2	\$205,600	83.24	0.000	\$0	7,160.3 ****
1	\$102,800	83.08	1	\$629,800	7,111.3
	\$0	82.93	0	\$0	7,152.0
0	\$0	82.93	0	\$0	7,227.0
	\$0	82.93	0	\$0	7,302.0
-1	(\$148,400)	82.61	-1	(\$629,800)	7,342.6
-2	(\$296,800)	82.30	-2	(\$1,259,600)	7,383.2
-3	(\$445,200)	81.98	-3	(\$1,889,400)	7,423.8
-4	(\$593,600)	81.66	-4	(\$2,519,200)	7,464.4
-5	(\$742,000)	81.35	-5	(\$3,149,000)	7,505.0
-6	(\$890,400)	81.03	-6	(\$3,778,800)	7,545.6
-7	(\$1,038,800)	80.71	-7	(\$4,408,600)	7,586.2
-8	(\$1,187,200)	80.39	-8	(\$5,038,400)	7,626.8
-9	(\$1,335,600)	80.08	-9	(\$5,668,200)	7,667.4
-10	(\$1,484,000)	79.76	-10	(\$6,298,000)	7,708.0

Equivalent Availability
Weighting Factor:

1.80%

Heat Rate
Weighting Factor:

11.01%

Issued by: Duke Energy Florida

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
January 2016 - December 2016

Unit: 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	\$4,880,000	6,634.0
9	\$225,000	85.43	9	\$4,392,000	6,661.4
8	\$200,000	85.37	8	\$3,904,000	6,688.8
7	\$175,000	85.32	7	\$3,416,000	6,716.2
6	\$150,000	85.27	6	\$2,928,000	6,743.6
5	\$125,000	85.22	5	\$2,440,000	6,771.0
4	\$100,000	85.16	4	\$1,952,000	6,798.4
3	\$75,000	85.11	3	\$1,464,000	6,825.8
2	\$50,000	85.06	2	\$976,000	6,853.2
1	\$25,000	85.00	1	\$488,000	6,880.6
	\$0	84.95	0	\$0	6,908.0
0	\$0	84.95	0.000	\$0	7,004.1 ****
	\$0	84.95	0	\$0	6,983.0
-1	(\$64,700)	84.84	0	\$0	7,058.0
-2	(\$129,400)	84.73	-1	(\$488,000)	7,085.5
-3	(\$194,100)	84.62	-2	(\$976,000)	7,113.0
-4	(\$258,800)	84.51	-3	(\$1,464,000)	7,140.5
-5	(\$323,500)	84.41	-4	(\$1,952,000)	7,168.0
-6	(\$388,200)	84.30	-5	(\$2,440,000)	7,195.5
-7	(\$452,900)	84.19	-6	(\$2,928,000)	7,223.0
-8	(\$517,600)	84.08	-7	(\$3,416,000)	7,250.5
-9	(\$582,300)	83.97	-8	(\$3,904,000)	7,278.0
-10	(\$647,000)	83.86	-9	(\$4,392,000)	7,305.5
****	(\$647,000)	83.86	-10	(\$4,880,000)	7,333.0

Equivalent Availability
Weighting Factor:

0.44%

Heat Rate
Weighting Factor:

8.53%

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ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Bartow CC	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-Dec Period
1. EAF	90.99	98.10	76.99	52.57	59.75	85.02	97.03	97.99	96.85	73.61	59.64	91.59	80.86
2. PH	744	696	743	720	744	720	744	744	720	744	721	744	8,784
3. SH	648.7	645.8	548.9	378.5	440.5	612.2	730.8	736.4	700.3	529.7	430.0	653.2	7,055.0
4. RSH	28.3	37.0	23.1	0.0	4.6	0.0	0.0	0.0	0.0	19.8	0.0	28.2	141.0
5. UH	67.0	13.2	171.0	341.5	298.9	107.8	13.2	7.6	19.7	194.5	291.0	62.6	1,588.1
6. POH	0.0	0.0	171.0	340.6	288.9	107.8	0.0	0.0	0.0	0.0	0.0	0.0	908.2
7. FOH	67.0	13.2	0.0	0.9	5.3	0.0	13.2	7.1	19.7	112.4	291.0	62.6	592.4
8. MOH	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.6	0.0	82.1	0.0	0.0	87.4
9. PPOH	0.0	0.0	436.1	264.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	700.4
10. LR PP (MW)	0.0	0.0	120.0	118.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	119.4
11. PFOH	0.0	0.0	0.0	0.0	43.0	0.0	34.4	52.0	86.7	12.0	0.0	0.0	228.1
12. LR PF (MW)	0.0	0.0	0.0	0.0	14.4	0.0	301.5	163.5	40.7	179.1	0.0	0.0	110.3
13. PMOH	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
14. LR PM (MW)	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
15. NSC (MW)	1,162	1,162	1,162	1,162	1,162	1,162	1,162	1,162	1,162	1,162	1,162	1,162	1,162
16. OPER MBTU	4,724,270	4,705,387	3,521,015	1,311,112	0	3,196,281	5,351,907	5,408,184	5,106,946	3,804,917	4,085,289	4,158,027	45,373,335
17. NET GEN (MWH)	640,347	644,116	488,672	174,943	0	434,926	732,862	738,912	688,871	438,059	361,038	565,169	5,907,915
18. ANOHR (BTU/KWH)	7,377.7	7,305.2	7,205.3	7,494.5	0.0	7,349.0	7,302.7	7,319.1	7,413.5	8,685.9	11,315.4	7,357.1	7,680.1
19. NOF (%)	84.95	85.83	76.61	47.12	0.00	91.10	86.30	86.36	84.65	71.17	72.26	74.47	79.54
20. NPC (MW)	1,162	1,162	1,162	1,162	1,162	1,162	1,162	1,162	1,162	1,162	1,162	1,162	1,162
ANOHR EQUATION:	ANOHR=	-14.832	x NOF +	8,654.17									

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ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Crystal River 4	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-Dec Period
1. EAF	97.15	87.56	10.31	99.11	66.47	99.82	93.43	96.95	95.86	98.47	86.42	99.89	85.85
2. PH	744	696	743	720	744	720	744	744	720	744	721	744	8,784
3. SH	723.1	613.7	83.8	720.0	498.9	720.0	714.5	744.0	720.0	744.0	629.3	744.0	7,655.1
4. 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
5. UH	20.9	82.4	659.2	0.0	245.1	0.0	29.5	0.0	0.0	0.0	91.8	0.0	1,128.9
6. POH	0.0	82.4	659.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	741.6
7. FOH	20.9	0.0	0.0	0.0	0.0	0.0	29.5	0.0	0.0	0.0	0.0	0.0	50.4
8. MOH	0.0	0.0	0.0	0.0	245.1	0.0	0.0	0.0	0.0	0.0	91.8	0.0	336.9
9. 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. LR PP (MW)	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
11. PFOH	0.0	0.0	0.0	1.2	10.1	0.3	30.6	81.3	30.0	13.1	0.0	0.0	166.5
12. LR PF (MW)	0.0	0.0	0.0	92.7	284.0	65.0	175.0	164.6	401.8	98.3	0.0	0.0	210.6
13. PMOH	2.0	17.3	54.7	46.0	3.0	13.7	32.8	21.6	75.6	73.2	41.2	6.2	387.2
14. LR PM (MW)	93.0	174.0	93.0	96.5	65.0	65.6	256.9	128.0	121.4	93.0	106.1	93.0	118.6
15. NSC (MW)	712	712	712	712	712	712	712	712	712	712	712	712	712
16. OPER MBTU	3,181,413	2,381,195	328,279	3,293,827	2,219,686	4,160,428	4,255,023	4,422,325	4,096,631	4,068,228	2,965,014	4,052,488	39,424,537
17. NET GEN (MWH)	281,627	212,501	27,079	319,988	199,549	402,205	431,436	432,186	399,809	402,655	291,367	396,167	3,796,569
18. ANOHR (BTU/KWH)	11,296.5	11,205.6	12,123.0	10,293.6	11,123.5	10,344.0	9,862.5	10,232.5	10,246.5	10,103.5	10,176.2	10,229.2	10,384.3
19. NOF (%)	54.70	48.64	45.40	62.42	56.18	78.46	84.81	81.59	77.99	76.01	65.03	74.79	69.66
20. NPC (MW)	712	712	712	712	712	712	712	712	712	712	712	712	712
ANOHR EQUATION:	ANOHR=	-4.998	x NOF +	10,820.25									

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ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Crystal River 5	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-Dec Period
1. EAF	98.65	98.05	99.22	99.55	99.70	98.83	97.43	94.03	53.89	70.11	99.58	99.20	92.37
2. PH	744	696	743	720	744	720	744	744	720	744	721	744	8,784
3. SH	618.5	696.0	743.0	720.0	744.0	720.0	744.0	744.0	403.0	562.4	721.0	744.0	8,159.9
4. RSH	124.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	124.4
5. UH	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	317.0	181.6	0.0	0.0	499.8
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	181.6	0.0	0.0	181.6
7. FOH	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	317.0	0.0	0.0	0.0	318.1
8. MOH	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
9. 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. LR PP (MW)	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
11. PFOH	20.0	8.3	5.5	3.0	0.0	0.0	0.0	67.7	31.4	0.0	7.8	0.0	143.6
12. LR PF (MW)	303.7	91.1	91.0	63.0	0.0	0.0	0.0	149.9	106.2	0.0	91.0	0.0	151.2
13. PMOH	3.6	58.1	10.5	16.9	2.8	40.2	39.1	83.4	51.2	318.1	15.7	46.4	686.0
14. LR PM (MW)	63.1	152.7	345.0	126.3	567.0	148.8	347.1	256.3	142.9	91.0	91.0	91.0	144.7
15. NSC (MW)	710	710	710	710	710	710	710	710	710	710	710	710	710
16. OPER MBTU	2,805,817	2,583,132	2,935,831	3,207,108	3,285,973	4,023,544	4,269,448	4,247,901	1,884,116	2,702,011	3,255,703	3,874,503	39,075,088
17. NET GEN (MWH)	249,857	236,536	280,664	313,678	301,125	396,796	439,920	412,581	198,071	263,041	321,444	381,356	3,795,069
18. ANOHR (BTU/KWH)	11,229.7	10,920.7	10,460.3	10,224.2	10,912.3	10,140.1	9,705.1	10,295.9	9,512.3	10,272.2	10,128.4	10,159.8	10,296.3
19. NOF (%)	56.90	47.87	53.20	61.36	57.01	77.62	83.28	78.10	69.22	65.88	62.79	72.19	65.51
20. NPC (MW)	710	710	710	710	710	710	710	710	710	710	710	710	710
ANOHR EQUATION:	ANOHR=	-27.458	x NOF +	12,314.63									

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ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Hines 1	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-Dec Period
1. EAF	100.00	100.00	64.99	12.83	87.36	98.62	96.49	100.00	100.00	97.60	100.00	98.79	88.03
2. PH	744	696	743	720	744	720	744	744	720	744	721	744	8,784
3. SH	744.0	696.0	477.7	92.4	650.0	711.9	722.5	744.0	720.0	726.1	686.7	635.2	7,606.5
4. RSH	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.3	99.8	139.4
5. UH	0.0	0.0	260.1	627.6	94.0	8.1	21.5	0.0	0.0	17.9	0.0	9.0	1,038.2
6. POH	0.0	0.0	214.8	623.6	49.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	888.0
7. FOH	0.0	0.0	45.4	4.0	44.3	8.1	21.5	0.0	0.0	0.0	0.0	0.0	123.3
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.9	0.0	9.0	26.9
9. PPOH	0.0	0.0	0.0	0.0	18.9	7.0	15.6	2.0	0.0	5.8	0.0	0.0	49.4
10. LR PP (MW)	0.0	0.0	0.0	0.0	78.3	85.9	47.1	79.2	0.0	80.9	0.0	0.0	69.8
11. PFOH	0.0	0.0	0.0	0.0	0.0	8.6	22.7	0.0	0.0	0.0	0.0	0.0	31.4
12. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	106.4	105.4	0.0	0.0	0.0	0.0	0.0	105.7
13. PMOH	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
14. LR PM (MW)	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
15. NSC (MW)	518	518	518	518	518	518	518	518	518	518	518	518	518
16. OPER MBTU	2,438,979	2,267,530	1,577,217	218,014	1,995,079	2,336,436	2,278,606	2,428,474	2,290,063	2,147,653	2,103,668	1,783,679	23,865,399
17. NET GEN (MWH)	344,015	322,178	207,300	26,041	270,336	308,101	314,579	335,591	316,133	315,687	301,381	257,070	3,318,412
18. ANOHR (BTU/KWH)	7,089.7	7,038.1	7,608.4	8,372.0	7,380.0	7,583.3	7,243.3	7,236.4	7,244.0	6,803.1	6,980.1	6,938.5	7,191.8
19. NOF (%)	89.26	89.36	83.78	54.40	80.29	83.55	84.05	87.08	84.76	83.93	84.73	78.13	84.22
20. NPC (MW)	518	518	518	518	518	518	518	518	518	518	518	518	518
ANOHR EQUATION:	ANOHR=	-14.372	x NOF +	8,708.51									

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ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Hines 2	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-Dec Period
1. EAF	99.62	65.36	25.92	99.86	98.82	99.85	100.00	81.32	95.21	99.18	84.82	99.00	87.42
2. PH	744	696	743	720	744	720	744	744	720	744	721	744	8,784
3. SH	649.8	316.3	191.6	719.0	735.3	720.0	744.0	605.5	667.5	736.8	542.2	611.6	7,239.7
4. RSH	91.4	138.6	0.9	0.0	0.0	0.0	0.0	0.0	18.0	1.1	91.7	126.4	468.1
5. UH	2.9	241.1	550.4	1.0	8.8	0.0	0.0	138.5	34.5	6.1	87.1	6.0	1,076.3
6. POH	0.0	240.0	527.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	767.0
7. FOH	2.9	1.1	23.5	1.0	3.1	0.0	0.0	18.5	8.0	0.0	87.1	6.0	151.0
8. MOH	0.0	0.0	0.0	0.0	5.6	0.0	0.0	120.0	26.6	6.1	0.0	0.0	158.3
9. PPOH	0.0	1.7	0.0	1.0	3.4	12.6	3.2	4.5	0.0	1.4	0.0	0.0	27.7
10. LR PP (MW)	0.0	68.6	0.0	70.2	71.2	70.9	72.0	65.4	0.0	47.8	0.0	0.0	68.8
11. PFOH	0.0	0.0	0.0	0.0	0.0	14.5	0.0	2.1	0.0	0.0	104.3	7.0	127.9
12. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	39.8	0.0	120.6	0.0	0.0	116.8	116.7	108.1
13. PMOH	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
14. LR PM (MW)	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
15. NSC (MW)	546	546	546	546	546	546	546	546	546	546	546	546	546
16. OPER MBTU	2,135,651	1,041,398	611,137	2,475,832	2,463,484	2,467,802	2,523,032	2,132,267	2,419,218	2,529,538	1,736,823	1,598,306	24,134,486
17. NET GEN (MWH)	288,534	138,689	84,068	341,940	342,463	342,291	346,849	289,973	307,757	346,560	234,024	217,022	3,280,170
18. ANOHR (BTU/KWH)	7,401.7	7,508.9	7,269.6	7,240.5	7,193.4	7,209.7	7,274.2	7,353.3	7,860.8	7,299.0	7,421.6	7,364.7	7,357.7
19. NOF (%)	81.33	80.30	80.35	87.10	85.31	87.07	85.38	87.71	84.44	86.14	79.05	64.99	82.98
20. NPC (MW)	546	546	546	546	546	546	546	546	546	546	546	546	546
ANOHR EQUATION:	ANOHR=	-1.643	x NOF +	7,475.31									

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ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Hines 3	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-Dec Period
1. EAF	100.00	100.00	100.00	83.79	0.00	52.05	100.00	98.72	100.00	86.63	78.30	98.31	83.07
2. PH	744	696	743	720	744	720	744	744	720	744	721	744	8,784
3. SH	699.6	647.3	700.1	601.0	0.0	373.9	744.0	734.5	720.0	618.0	554.6	703.3	7,096.2
4. RSH	44.4	48.7	43.0	2.3	0.0	0.9	0.0	0.0	0.0	26.5	9.9	29.6	205.2
5. UH	0.0	0.0	0.0	116.7	744.0	345.2	0.0	9.5	0.0	99.5	156.5	11.1	1,482.6
6. POH	0.0	0.0	0.0	95.6	744.0	266.0	0.0	0.0	0.0	76.2	144.8	0.0	1,326.6
7. FOH	0.0	0.0	0.0	5.5	0.0	79.2	0.0	9.5	0.0	17.7	11.7	5.5	129.2
8. MOH	0.0	0.0	0.0	15.6	0.0	0.0	0.0	0.0	0.0	5.5	0.0	5.7	26.8
9. PPOH	0.0	2.3	7.7	8.3	0.0	6.1	0.6	1.5	0.0	0.0	0.0	0.0	26.5
10. LR PP (MW)	0.0	52.4	59.5	57.4	0.0	60.9	22.6	62.1	0.0	0.0	0.0	0.0	57.8
11. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	7.1
12. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	111.4	111.4
13. PMOH	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
14. LR PM (MW)	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
15. NSC (MW)	544	544	544	544	544	544	544	544	544	544	544	544	544
16. OPER MBTU	2,363,034	2,105,001	2,263,623	1,970,384	0	1,233,001	2,477,369	2,420,249	2,218,115	1,927,146	1,632,164	2,243,377	22,853,460
17. NET GEN (MWH)	327,590	288,963	313,593	273,740	0	165,343	342,907	347,446	323,791	257,478	213,178	306,466	3,160,495
18. ANOHR (BTU/KWH)	7,213.4	7,284.7	7,218.3	7,198.0	0.0	7,457.2	7,224.6	6,965.8	6,850.5	7,484.7	7,656.3	7,320.1	7,231.0
19. NOF (%)	86.08	82.06	82.35	83.73	0.00	81.30	84.72	86.95	82.67	76.59	70.66	80.10	81.87
20. NPC (MW)	544	544	544	544	544	544	544	544	544	544	544	544	544
ANOHR EQUATION:	ANOHR=	-8.512	x NOF +	7,994.57									

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ACTUAL UNIT PERFORMANCE DATA

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Hines 4	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-Dec Period
1. EAF	99.12	100.00	100.00	100.00	73.46	0.85	0.00	22.48	100.00	82.36	62.39	54.74	66.08
2. PH	744	696	743	720	744	720	744	744	720	744	721	744	8,784
3. SH	713.5	696.0	743.0	720.0	569.4	6.1	0.0	167.3	720.0	574.1	440.3	404.4	5,754.0
4. RSH	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.6	9.6	2.8	75.0
5. UH	6.6	0.0	0.0	0.0	174.6	713.9	744.0	576.7	0.0	131.3	271.2	336.7	2,954.9
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	130.5	230.1	320.0	680.7
7. FOH	6.6	0.0	0.0	0.0	157.2	713.9	744.0	576.7	0.0	0.7	0.3	0.0	2,199.4
8. MOH	0.0	0.0	0.0	0.0	17.4	0.0	0.0	0.0	0.0	0.0	40.7	16.7	74.8
9. PPOH	1.5	8.0	1.2	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.7
10. LR PP (MW)	59.2	59.3	55.4	63.6	58.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.2
11. PFOH	0.0	0.0	0.0	0.0	203.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	203.8
12. LR PF (MW)	0.0	0.0	0.0	0.0	59.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.1
13. PMOH	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
14. LR PM (MW)	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
15. NSC (MW)	528	528	528	528	528	528	528	528	528	528	528	528	528
16. OPER MBTU	2,418,323	2,361,296	2,500,840	2,413,309	1,603,043	12,170	0	526,791	2,262,972	1,606,263	1,091,407	1,212,862	18,009,277
17. NET GEN (MWH)	348,625	337,289	358,855	342,436	223,149	1,026	0	73,966	327,247	221,549	154,425	168,715	2,557,282
18. ANOHR (BTU/KWH)	6,936.7	7,000.8	6,968.9	7,047.5	7,183.7	11,861.8	0.0	7,122.1	6,915.2	7,250.1	7,067.6	7,188.8	7,042.4
19. NOF (%)	92.54	91.78	91.47	90.08	74.23	31.96	0.00	83.74	86.08	73.09	66.43	79.01	84.17
20. NPC (MW)	528	528	528	528	528	528	528	528	528	528	528	528	528
ANOHR EQUATION:	ANOHR=	-2.886	x NOF +	7,264.12									

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PLANNED OUTAGE SCHEDULES
ACTUAL

Duke Energy Florida
January 2016 - December 2016

<u>Plant/Unit</u>	<u>Planned Outage Dates</u>	<u>Reason for Outage</u>
Bartow CC	03/05 (0044) - 06/12 (1346)	Gas Turbine - Exhaust System Vanes/nozzles, LP Turbine Buckets Or Blades
Crystal River 4	02/26 (1339) - 03/28 (1214)	Minor Boiler Overhaul (less than 720 Hours)
Crystal River 5	10/21 (2250) - 10/29 (1227)	Boiler Inspections
Hines 1	03/23 (0115) - 05/07 (0805)	General Gas Turbine Unit Inspection
Hines 2	02/20 (0000) - 03/22 (2220)	General Gas Turbine Unit Inspection
Hines 3	04/27 (0033) - 06/12 (0430)	General Gas Turbine Unit Inspection
Hines 3	10/22 (0004) - 11/19 (2250)	Gas Turbine - Hot End Inspection
Hines 4	10/15 (0000) - 12/19 (2340)	General Gas Turbine Unit Inspection

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Planned Outage Schedule - Actual												
January 2016 - December 2016												
Duke Energy Florida												
	January	February	March	April	May	June	July	August	September	October	November	December
Bartow CC			3/5	Exhaust System Vanes/nozzles, LP Turbine Blades			6/12					
				100 days								
Crystal River 4		2/26	Minor Boiler Overhaul		3/28							
			32 days									
Crystal River 5										10/21	10/29	
										8 days		
Hines 1			3/23	General Gas Turbine Unit Inspection		5/7						
				46 days								
Hines 2		2/20	General Gas Turbine Unit Inspection		3/22							
			32 days									
Hines 3				4/27	General Gas Turbine Unit Inspection		6/12			10/22	11/19	
				47 days						29 days		
Hines 4										10/15	12/19	
										66 days		

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