



Matthew R. Bernier
Associate General Counsel

September 3, 2020

VIA ELECTRONIC FILING

Adam J. Teitzman, 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. 20200001-EI*

Dear Mr. Teitzman:

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 2021 through December 2021;
- Direct Testimony of Christopher A. Menendez and Exhibit No. ____ (CAM-3); and
- Direct Testimony of Ingle Lewter and Exhibit No. ____ (MIL-1P).

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

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. 20200001-EI

Filed: September 3, 2020

**PETITION FOR APPROVAL OF FUEL AND PURCHASE POWER COST RECOVERY
FACTORS FOR THE PERIOD JANUARY 2021 THROUGH DECEMBER 2021**

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 2021 through December 2021. In support of this Petition, DEF states as follows:

Fuel Cost Recovery Factors

1. DEF’s proposed fuel cost recovery factors are presented in the pre-filed testimony and exhibits of Christopher A. Menendez. Schedule E1, Part 2 of Exhibit No.__(CAM-3) shows the calculation of the Company’s basic fuel cost factor of 3.090 cents/kWh (before metering voltage adjustments). The basic factor consists of a fuel cost for the projection period of 3.2308 cents/kWh (adjusted for jurisdictional losses), a GPIF reward of 0.0111 cents/kWh, and an estimated prior period over-recovery true-up of 0.1543 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, page 1 of 1, the average retail capacity CCR factor including ISFSI is 1.233 cents/kWh.

Other Issues

3. DEF has calculated that it is subject to a GPIF reward of \$4,407,712 for the performance experienced during the period January 1, 2019 through December 31, 2019. The Company is also proposing GPIF targets and ranges for the period January 1, 2021 through December 31, 2021 with such proposed targets and ranges being detailed in the testimony and exhibits of DEF witness Mary Ingle Lewter.

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 2021 through December 2021 as set forth in the testimony and supporting exhibit of Christopher A. Menendez filed on September 3, 2020. DEF also requests the Commission approve the Company's GPIF targets and ranges for the period January 1, 2021 through December 31, 2021 as set forth in the testimony and exhibits of Mary Ingle Lewter filed on September 3, 2020.

Respectfully submitted,

s/Matthew R. Bernier

DIANNE M. TRIPLETT
Deputy 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

Associate General 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

CERTIFICATE OF SERVICE

Docket No. 20200001-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 3rd day of September, 2020.

s/ Matthew R. Bernier

Attorney

<p>Suzanne Brownless Office of General Counsel FL Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 sbrownle@psc.state.fl.us</p> <p>J. Beasley / J. Wahlen / M. Means Ausley McMullen P.O. Box 391 Tallahassee, FL 32302 jbeasley@ausley.com jwahlen@ausley.com mmeans@ausley.com</p> <p>Russell A. Badders Gulf Power Company One Energy Place, Bin 100 Pensacola, FL 32520-0100 russell.badders@nexteraenergy.com</p> <p>Kenneth A. Hoffman Florida Power & Light Company 134 W. Jefferson Street Tallahassee, FL 32301-1713 ken.hoffman@fpl.com</p> <p>Jon C. Moyle, Jr. Moyle Law Firm, P.A. 118 North Gadsden Street Tallahassee, FL 32301 jmoyle@moylelaw.com mqualls@moylelaw.com</p>	<p>J.R. Kelly / T. David Office of Public Counsel 111 W. Madison St., Room 812 Tallahassee, FL 32399-1400 kelly.jr@leg.state.fl.us david.tad@leg.state.fl.us</p> <p>Paula K. Brown Regulatory Affairs Tampa Electric Company P.O. Box 111 Tampa, FL 33601-0111 regdept@tecoenergy.com</p> <p>Maria Moncada / David Lee Florida Power & Light Company 700 Universe Blvd. (LAW/JB) Juno Beach, FL 33408-0420 maria.moncada@fpl.com david.lee@fpl.com</p> <p>James Brew / Laura W. Baker Stone Law Firm 1025 Thomas Jefferson St., N.W. Suite 800 West Washington, DC 20007 jbrew@smxblaw.com lwb@smxblaw.com</p> <p><u>Mike Cassel</u> Florida Public Utilities Company 208 Wildlight Avenue Yulee, FL 32097 mcassel@fpuc.com</p> <p>Beth Keating Gunster, Yoakley & Stewart, P.A. 215 South Monroe Street, Suite 601 Tallahassee, FL 32301 bkeating@gunster.com</p>
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DUKE ENERGY FLORIDA, LLC

DOCKET No. 20200001-EI

**Fuel and Capacity Cost Recovery Factors
January through December 2021**

**DIRECT TESTIMONY OF
Christopher A. Menendez**

September 3, 2020

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. 20190001-EI?**

7 A. Yes, I provided direct testimony on March 2, 2020 and July 27, 2020.

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?**

1 A. The purpose of my testimony is to present for Commission approval the fuel and
2 capacity cost recovery factors of Duke Energy Florida, LLC (“DEF” or the
3 “Company”) for the period of January through December 2021.
4

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

6 A. Yes. I have prepared Exhibit No.__(CAM-3), consisting of Parts 1, 2 and 3. Part
7 1 contains DEF’s forecast assumptions on fuel costs. Part 2 contains fuel cost
8 recovery (“FCR”) schedules E1 through E10, H1 and the calculation of the
9 inverted residential fuel rate. I have also included a schedule to support the capital
10 structure components and cost rates relied upon to calculate the return
11 requirements on all capital projects recovered through the fuel clause as required
12 by Order No. PSC-2020-0165-PAA-EU. Part 3 contains capacity cost recovery
13 (“CCR”) schedules.
14

15 **FUEL COST RECOVERY CLAUSE**

16
17 **Q. Please describe the fuel cost factors calculated by the Company for the**
18 **projection period.**

19 A. Schedule E1 shows the calculation of the Company's jurisdictional fuel cost
20 factor of 3.090 ¢/kWh. This factor consists of a fuel cost for the projection period
21 of 3.2309 ¢/kWh (adjusted for jurisdictional losses), a GPIF reward of 0.0111

1 ¢/kWh, and an estimated prior period over-recovery true-up of (0.1543) ¢/kWh.
2 Utilizing this factor, Schedule E1-D shows the calculation and supporting data
3 for the Company's levelized fuel cost factors for service taken at secondary,
4 primary and transmission metering voltage levels. To perform this calculation,
5 effective jurisdictional sales at the secondary level are calculated by applying 1%
6 and 2% metering reduction factors to primary and
7 transmission sales, respectively (forecasted at meter level). This is consistent
8 with the methodology used in the development of the CCR factors.

9
10 Schedule E1-D, lines 11-12 show the Company's proposed tiered rates of 2.811
11 ¢/kWh for the first 1,000 kWh and 3.811 ¢/kWh above 1,000 kWh. These rates
12 are developed in the "Calculation of Inverted Residential Fuel Rates" schedule
13 in Part 2 of my exhibit.

14
15 Schedule E1-E develops the Time of Use ("TOU") multipliers of 1.251 On-peak
16 and 0.887 Off-peak. The multipliers are then applied to the levelized fuel cost
17 factors for each metering voltage level which results in the final TOU fuel factors
18 to be applied to customer bills during the projection period.

19
20 **Q. What is the amount of the 2020 net true-up that DEF has included in the**
21 **fuel cost recovery factor for 2021?**

1 A. DEF has included a projected over-recovery of \$61,083,424. This amount
2 includes a projected 2020 actual/estimated over-recovery of \$160,850,438 a
3 final 2019 true-up net under-recovery of \$21,535,230 as shown in my Direct
4 Testimony filed on March 2, 2020, and the midcourse correction amount of
5 \$78,231,785 approved in Order No. PSC-2020-0154-PCS-EI.

6

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

9 A. The projected levelized residential fuel factor for 2021 of 3.094 ¢/kWh is a
10 decrease of 0.256 ¢/kWh or 8% from the 2020 levelized residential fuel factor of
11 3.350 ¢/kWh.

12

13 **Q. Please explain the decrease in the 2021 fuel factor compared with the 2020**
14 **fuel factor.**

15 A. The primary drivers of the decrease in the 2021 fuel factor are a decrease in
16 jurisdictional fuel and purchased power expense of approximately \$24 million,
17 decrease in the prior period true-up of approximately \$76 million partially offset
18 by an increase in the GPIF amount of approximately \$2 million.

19

20 **Q. Have you made any adjustments to your estimated fuel costs for the period**
21 **January through December 2021?**

1 A. Yes. Consistent with Order No. PSC-2018-0240-PAA-EQ dated May 8, 2018,
2 DEF included a retail adjustment of approximately \$13.25 million (grossed up to
3 approximately \$13.26 million from retail to system) for the amortization of Florida
4 Power Development, LLC qualifying facility regulatory asset from January
5 through December 2021.

6

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

9 A. Yes. DEF is proposing to continue use of the inverted rate design for residential
10 fuel factors to encourage energy efficiency and conservation. Specifically, the
11 Company proposes to continue a two-tiered fuel charge whereby the charge for
12 a customer's monthly usage in excess of 1,000 kWh (second tier) is priced one
13 cent per kWh higher than the charge for the customer's usage up to 1,000 kWh
14 (first tier). The 1,000 kWh price change breakpoint is reasonable in that
15 approximately 72% of all residential energy is consumed in the first tier and 28%
16 of all energy is consumed in the second tier. The Company believes the one
17 cent higher per unit price, targeted at the second tier of the residential class'
18 energy consumption, will promote energy efficiency and conservation. This
19 inverted rate design was incorporated in the Company's base rates approved in
20 Order No. PSC-2002-0655-AS-EI.

21

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

2 A. I have included a page in Part 2 of my exhibit that shows the calculation of the
3 fuel cost factors for the two tiers of the residential rate. The two factors are
4 calculated on a revenue neutral basis so that the Company will recover the same
5 fuel costs as it would under the traditional levelized approach. The two-tiered
6 factors are determined by first calculating the amount of revenues that would be
7 generated by the overall levelized residential factor of 3.094 ¢/kWh shown on
8 Schedule E1-D. The two factors are then calculated by allocating the total
9 revenues to the two tiers for residential customers based on the total annual
10 energy usage for each tier.

11
12 **Q. How do DEF's projected gains on non-separated wholesale energy sales
13 for 2021 compare to the incentive benchmark?**

14 A. The total gain on non-separated sales for 2021 is estimated to be \$1,920,095
15 which is above the benchmark of \$1,682,538. 100% of gains below the
16 benchmark and 80% of gains above the benchmark will be distributed to
17 customers based on the sharing mechanism approved by the Commission in
18 Order No. PSC-2000-1744-PAA-EI. Therefore, since the total gain on non-
19 separated sales is above the benchmark, \$47,511 of the gains will be retained
20 for shareholders. The benchmark was calculated based on the average of actual
21 gains for 2018 and 2019 of \$2,269,916 and 1,649,136, respectively, and

1 estimated gains for 2020 of \$1,128,563 in accordance with Order No. PSC-2000-
2 1744-PAA-EI.

3
4 **Q. Please explain the entry on Schedule E1, line 11, "Fuel Cost of Stratified**
5 **Sales."**

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

21

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 calculation
10 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 inputs including a sales-weighted 30-year average of weather
15 conditions at the St. Petersburg, Orlando and Tallahassee weather stations,
16 population projections from the Bureau of Economic and Business Research at
17 the University of Florida, and State of Florida economic assumptions from
18 Moody's Analytics. The Energy Information Agency (EIA) surveys of class
19 energy consumption for the South Atlantic Region are incorporated as well.

20
21 **Q. What is the source of the Company's fuel price forecast?**

1 A. The fuel price forecasts are based on a combination of third party forecasts and
2 forward contracts currently in place. Additional details and forecast assumptions
3 are provided in Part 1 of my exhibit.

4

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

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

11

12 **Q. Is the 2019 GPIF reward discussed in the March 16, 2020 direct testimony**
13 **of Mary Ingle Lewter included in 2021 rates?**

14 A. Yes. The GPIF reward of \$4,407,712 is included on Schedule E1, Line 26 of
15 Exhibit CAM-3, Part 2.

16

17 **Q. Does DEF's Weighted Average Cost of Capital ("WACC") comply with**
18 **Order No. PSC-2020-0165-PAA-EU?**

19 A. Yes. The WACC complies with the Amended Unopposed Joint Motion to Modify
20 Order No. PSC-2012-0425-PAA-EU Regarding Weighted Average Cost of

1 Capital Methodology approved May 20, 2020 in Docket No. 20200118-EU, Order
2 No. PSC-2020-0165-PAA-EU.

3
4 **CAPACITY COST RECOVERY CLAUSE**

5
6 **Q. Please explain the schedules that are included in Exhibit__(CAM-3) Part 3.**

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

8 Schedule E12-A – Calculation of Projected Capacity Costs – Year 2021

9
10 Page 1 of Schedule E12-A includes estimated 2021 calendar year system
11 capacity payments to Qualifying Facilities (“QF”) and other power suppliers. The
12 retail portion of the capacity payments is calculated using separation factors
13 consistent with the 2017 Settlement.

14
15 The recovery of estimated Dry Casket Storage costs, also referred to as
16 Independent Spent Fuel Storage Installation (“ISFSI”) costs, are included on line
17 40 of Schedule E12-A, page 1. Schedule E12-A, page 2, provides dates and
18 MWs associated with the QF and purchase power contracts.

19
20 DEF has shown the 2021 Calculation of Projected Capacity Costs on Schedule
21 E-12A, line 41.

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Schedule E12-B – Calculation of Estimated/Actual True-Up - Year 2020

Schedule E12-B, which is also included in Exhibit ____(CAM-2) to my direct testimony filed on July 27, 2020, as part of the 2020 actual/estimated true-up filing, calculates the estimated true-up capacity under-recovered balance for calendar year 2020 of \$463,084. This balance is carried forward to Schedule E12-A, line 34 to be refunded to customers from January through December 2021.

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

Schedule E12-D is the calculation of the 12CP and 1/13 average demand allocators for each rate class. Schedule E12-D also includes the uniform percentage calculation and allocation of the ISFSI revenue requirement to the rate classes.

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

Schedule E12-E, page 1 calculates the CCR factors for capacity costs for each rate class based on the 12CP and 1/13 annual average demand allocators and ISFSI costs from Schedule E12-D. The factors for capacity for the Residential, General Service Non-Demand, General Service (GS-2) and Lighting secondary delivery rate class in cents per kWh are calculated by multiplying total

1 recoverable jurisdictional capacity (including revenue taxes) from Schedule E12-
2 A by the class demand allocation factor, and then dividing by estimated effective
3 sales at the secondary metering level. The factor for ISFSI in cents per kWh is
4 calculated by dividing recoverable costs allocated on Schedule E12-D by
5 estimated effective sales at the secondary metering level. The factors for
6 primary and transmission rate classes reflect the application of metering
7 reduction factors of 1% and 2% from the secondary factor, respectively. The
8 factors allocate capacity costs to rate classes in the same manner in which they
9 would be allocated if they were recovered in base rates. ISFSI costs are
10 allocated to rate classes by applying a uniform percent increase as approved in
11 Order No. PSC-2016-0425-PAA-EI. Pursuant to the 2013 Revised and Restated
12 Stipulation and Settlement Agreement approved in Order No. PSC-13-0598-
13 FOF-EI, DEF has prepared the billing rates for the demand (General Service
14 Demand, Curtailable, and Interruptible) rate classes to be on a kilo-watt (kW)
15 rather than a kilo-watt-hour (kWh) basis. These changes are reflected on
16 Schedule E12-E in columns 11 through 13.

17
18 **Q. Has DEF used the most recent load research information in the**
19 **development of its capacity cost allocation factors?**

20 A. Yes. The 12CP load factor relationships from DEF's most recent load research
21 conducted for the period April 2017 through March 2018 are incorporated into the

1 capacity cost allocation factors. This information is included in DEF's Load
2 Research Report filed with the Commission on July 31, 2018.

3
4 **Q. What is the 2021 projected average retail CCR factor?**

5 A. The 2021 average retail CCR factor is 1.233 ¢/kWh, made up of capacity of
6 1.216 ¢/kWh and ISFSI costs of 0.017 ¢/kWh.

7
8 **Q. Please explain the change in the CCR factor for the projection period
9 compared to the CCR factor currently in effect.**

10 A. The total projected average retail CCR rate of 1.233 ¢/kWh is 0.182 ¢/kWh, or
11 17%, higher than the 2020 factor of 1.051 ¢/kWh. This increase is primarily due
12 to the recovery of the estimated Crystal River South (CRS) net book value
13 existing as of December 31, 2020 and the difference in the in the prior period
14 true-up balance.

15
16 **Q. Please describe DEF's treatment of the Crystal River South assets.**

17 A. Schedule E12-A, page 1 of 2, line 27, reflects a one-year amortization of the total
18 estimated \$80.6M net book value of retired CRS assets as of December 31,
19 2020. This is consistent with the treatment of the CRS assets in DEF's 2017
20 Settlement, as approved in Order No. PSC-2017-0451-AS-EU. Per DEF's 2017
21 Settlement, "...DEF shall be permitted to continue the annual depreciation

1 expense and depreciation rate associated with CRS based on the last
2 Commission-approved depreciation study, which assumed a 2020 CRS
3 retirement date. DEF shall be permitted to recover in 2021, unless a different
4 time for recovery is agreed to by the Original Parties, any remaining CRS net
5 book value existing as of December 31, 2020 through the CCR Clause.”
6

7 **Q. Does this conclude your testimony?**

8 A. Yes
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DUKE ENERGY FLORIDA, LLC
Fuel and Capacity Cost Recovery Factor
January through December 2021

PART 1 – 2021 FUEL PRICE FORECAST ASSUMPTIONS

Projected Market Price by Fuel Type

PROJECTED MARKET PRICE BY FUEL TYPE

Month	Light Oil		Coal Crystal River 4 & 5		Natural Gas
	\$/barrel	\$/mmbtu	\$/ton	\$/mmbtu	\$/mmbtu
Jan 2021	48.54	8.33	69.28	2.93	2.97
Feb 2021	49.32	8.47	66.56	2.84	2.94
Mar 2021	50.08	8.60	64.22	2.75	2.83
Apr 2021	50.66	8.70	63.79	2.74	2.53
May 2021	50.96	8.75	62.73	2.70	2.49
Jun 2021	51.56	8.85	61.91	2.67	2.52
Jul 2021	52.12	8.95	61.54	2.66	2.56
Aug 2021	52.68	9.04	61.31	2.65	2.57
Sep 2021	53.27	9.14	61.23	2.65	2.55
Oct 2021	53.16	9.13	61.23	2.65	2.57
Nov 2021	52.85	9.07	61.20	2.65	2.61
Dec 2021	52.56	9.02	61.43	2.66	2.74
Average	51.48	8.84	63.04	2.71	2.66

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 transportation costs.

Coal: Coal price projections are based on independent third party providers and take into account current coal supply, transportation agreements and forecasted deliveries. Crystal River Units 4 and 5 have operating scrubbers that allow allow for use of higher sulfur coal.

Natural Gas: The base market natural gas price forecast is the NYMEX Henry Hub forward. This table includes natural gas market commodity prices only; however, the fuel forecast also incorporates transportation costs. Forecast prices are based on expected contract specifications. Firm transportation costs for Florida Gas Transmission, Gulfstream and Sabal Trail pipelines are based on expected tariff rates and market conditions.

DUKE ENERGY FLORIDA, LLC

Fuel Cost Recovery

January through December 2021

PART 2 - 2021 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

Capital Structure and Cost Rates Applied to Capital Projects

Duke Energy Florida, LLC
 Fuel and Purchased Power Cost Recovery Clause
 Estimated for the Period of : January 2021 through December 2021

	DOLLARS	mWh	CENTS/KWH
1. Fuel Cost of System Net Generation (E3)	1,194,993,335	40,923,065	2.9201
2. Coal Car Investment	0	0	0.0000
3. Adjustment to Fuel Cost	13,261,552	0	0.0000
4. TOTAL COST OF GENERATED POWER	1,208,254,887	40,923,065	2.9525
5. Energy Cost of Purchased Power (Excl. Econ & Cogens) (E7)	9,333,612	199,674	4.6744
6. Energy Cost of Economy Purchases (E9)	1,539,353	38,203	4.0294
7. Payments to Qualifying Facilities (E8)	106,375,724	2,866,788	3.7106
8. TOTAL COST OF PURCHASED POWER	117,248,689	3,104,665	3.7765
9. TOTAL AVAILABLE mWh		44,027,729	
10. Fuel Cost of Economy Sales (E6)	(7,572,236)	(213,680)	3.5437
10a. Gain on Economy Sales (E6)	(1,920,095)	(213,680) *	0.8986
10b. Gain on Total Power Sales - 20% (E6)	47,511		
11. Fuel Cost of Stratified Sales (E6)	(36,852,618)	(1,735,681)	2.1232
12. TOTAL FUEL COST AND GAINS ON POWER SALES	(46,297,438)	(1,949,360)	2.3750
13. Net Inadvertent Interchange			
14. TOTAL FUEL AND NET POWER TRANSACTIONS	1,279,206,138	42,078,369	3.0401
15. Net Unbilled	(8,736,436) *	230,366	(0.0221)
16. Company Use	5,522,249 *	(179,646)	0.0139
17. T & D Losses	76,728,945 *	(2,523,902)	0.1937
18. Adjusted System Sales	1,279,206,138	39,605,188	3.2257
19. Wholesale Sales (Excluding Supplemental Sales)	(558,777)	(17,012)	3.2846
20. Jurisdictional Sales	1,278,647,361	39,588,176	3.2299
21. Jurisdictional Sales Adjusted for Line Losses x 1.00031	1,279,043,741	39,588,176	3.2309
22. Prior Period True-Up (Sch E1-A)	(61,083,424)	39,588,176	(0.1543)
23. Total Jurisdictional Fuel Cost	1,217,960,318	39,588,176	3.0766
24. Revenue Tax Factor	876,931		1.0007
25. Fuel Cost Adjusted for Taxes	1,218,837,249	39,588,176	3.0788
26. GPIF **	4,407,712	39,588,176	0.0111
27. Fuel Factor Adjusted for taxes including GPIF	1,223,244,961	39,588,176	3.0899
28. Total Fuel Cost Factor (rounded to the nearest .001 cents/ KWH)			3.0900

* 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 2021 through December 2021

1. Actual Over/(Under) Recovery January - December 2019 (Schedule E1-B, Page 2 of 2, Section C, Line 9 - Dec 19)	\$	(35,997,914)
2. Projected (Over)/Under Recovery January - December 2019 (Refunded)/Collected January - December 2020		14,462,684
3. Midcourse Correction Amount approved in Order No. PSC-2020-0154-PCS-EI		<u>(78,231,785)</u>
4. Adjusted (Over)/Under Recovery January - December 2019 (Lines 2 + 3) (Schedule E1-B, Page 2 of 2, Section C, Line 10 - Dec 19)		(63,769,101)
5. Estimated Over/(Under) Recovery January - December 2020 (Schedule E1-B, Page 2 of 2, Section C, Line 8 - Dec 20)		<u>160,850,438</u>
6. Total Over/(Under) Recovery (Lines 1 + 4 + 5)	\$	61,083,423
7. Jurisdictional mWh Sales (Projected Period)	mWh	39,588,176
8. True-Up Factor (Line 6 / Line 7)	Cents/kWh	(0.154)

Duke Energy Florida, LLC
Calculation of Estimated True-Up
6 Months Actual and 6 Months Estimated
January 2020 - December 2020

	Jan Actual	Feb Actual	Mar Actual	Apr Actual	May Actual	Jun Actual	6 Month Sub-Total
A 1 Fuel Cost of System Generation	\$ 74,992,301	\$ 65,717,824	\$ 73,293,028	\$ 70,415,016	\$ 87,128,507	\$ 89,708,430	\$ 461,255,106
2 Fuel Cost of Power Sold	(1,105,818)	(1,159,871)	(1,312,152)	(2,612,318)	(5,495,100)	(6,606,107)	(18,291,367)
3 Fuel Cost of Purchased Power	1,777,132	3,137,635	6,173,029	1,917,858	6,444,417	9,797,876	29,247,948
3a Demand and Non-Fuel Cost of Purchased Power							-
3b Energy Payments to Qualified Facilities	7,319,413	7,093,012	5,551,577	5,410,902	7,518,681	7,427,850	40,321,435
4 Energy Cost of Economy Purchases	143,759	406,521	1,053,448	485,384	407,645	188,921	2,685,678
5 Adjustments to Fuel Cost	(12,011,163)	1,119,402	1,152,738	1,147,328	1,142,435	1,139,918	(6,309,342)
6 TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	<u>71,115,625</u>	<u>76,314,523</u>	<u>85,911,668</u>	<u>76,764,171</u>	<u>97,146,585</u>	<u>101,656,887</u>	<u>508,909,459</u>
B 1 Jurisdictional mWh Sales	2,640,090	2,661,152	2,818,044	3,239,130	2,981,766	3,450,388	17,790,571
2 Non-Jurisdictional mWh Sales	14,426	18,358	26,409	25,344	19,970	25,961	130,469
3 TOTAL SALES (Lines B1 + B2)	<u>2,654,517</u>	<u>2,679,511</u>	<u>2,844,453</u>	<u>3,264,474</u>	<u>3,001,736</u>	<u>3,476,349</u>	<u>17,921,039</u>
4 Jurisdictional % of Total Sales (Line B1/B3)	99.46%	99.31%	99.07%	99.22%	99.33%	99.25%	99.27%
C 1 Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	85,968,564	86,669,575	91,874,742	103,746,698	25,329,422	115,589,082	509,178,083
2 True-Up Provision	(1,205,224)	(1,205,224)	(1,205,224)	(1,205,224)	77,026,561	(1,205,224)	71,000,441
2a Incentive Provision	(215,975)	(215,975)	(215,975)	(215,975)	(215,975)	(215,975)	(1,295,850)
3 FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	<u>84,547,365</u>	<u>85,248,376</u>	<u>90,453,543</u>	<u>102,325,499</u>	<u>102,140,008</u>	<u>114,167,883</u>	<u>578,882,674</u>
4 Fuel & Net Power Transactions (Line A6)	71,115,625	76,314,523	85,911,668	76,764,171	97,146,585	101,656,887	508,909,459
5 Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	<u>70,755,650</u>	<u>75,811,447</u>	<u>85,139,074</u>	<u>76,189,021</u>	<u>96,525,617</u>	<u>100,925,738</u>	<u>505,346,546</u>
6 Over/(Under) Recovery (Line C3 - Line C5)	13,791,715	9,436,929	5,314,469	26,136,477	5,614,392	13,242,145	73,536,127
7 Interest Provision	(38,474)	(20,905)	(11,239)	9,273	(736)	(3,260)	(65,341)
8 TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	<u>13,753,241</u>	<u>9,416,023</u>	<u>5,303,230</u>	<u>26,145,750</u>	<u>5,613,656</u>	<u>13,238,886</u>	<u>73,470,786</u>
9 Plus: Prior Period Balance	(35,997,914)	(35,997,914)	(35,997,914)	(35,997,914)	(35,997,914)	(35,997,914)	(35,997,914)
10 Plus: Cumulative True-Up Provision	1,205,224	2,410,448	3,615,672	4,820,896	(72,205,665)	(71,000,441)	(71,000,441)
11 Subtotal Prior Period True-up	<u>(34,792,690)</u>	<u>(33,587,466)</u>	<u>(32,382,242)</u>	<u>(31,177,018)</u>	<u>(108,203,579)</u>	<u>(106,998,355)</u>	<u>(106,998,355)</u>
12 Regulatory Accounting Adjustment	-	-	-	-	-	-	-
13 TOTAL TRUE-UP BALANCE	<u>(\$21,039,449)</u>	<u>(10,418,201)</u>	<u>(\$3,909,747)</u>	<u>\$23,441,228</u>	<u>(\$47,971,677)</u>	<u>(\$33,527,567)</u>	<u>(33,527,567)</u>

Duke Energy Florida, LLC
Calculation of Estimated True-Up
6 Months Actual and 6 Months Estimated
January 2020 - December 2020

	Jul Estimated	Aug Estimated	Sep Estimated	Oct Estimated	Nov Estimated	Dec Estimated	12 Month Period
A 1 Fuel Cost of System Generation	\$ 91,270,574	\$ 102,001,873	\$ 96,405,019	\$ 90,833,949	\$ 85,974,737	\$ 97,148,448	\$ 1,024,889,706
2 Fuel Cost of Power Sold	(7,409,067)	(8,021,690)	(7,971,710)	(7,577,999)	(2,497,439)	(2,446,122)	(54,215,393)
3 Fuel Cost of Purchased Power	8,533,384	4,575,768	3,696,906	4,358,593	1,085,538	174,484	51,672,621
3a Demand and Non-Fuel Cost of Purchased Power							0
3b Energy Payments to Qualified Facilities	8,407,595	8,411,122	7,949,571	7,091,011	8,225,712	9,032,312	89,438,758
4 Energy Cost of Economy Purchases	177,886	113,649	178,038	128,590	91,292	125,383	3,500,516
5 Adjustments to Fuel Cost	1,136,872	1,651,425	1,124,387	1,120,886	1,117,160	1,113,548	954,935
6 TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	<u>102,117,245</u>	<u>108,732,147</u>	<u>101,382,212</u>	<u>95,955,030</u>	<u>93,997,000</u>	<u>105,148,053</u>	<u>1,116,241,144</u>
B 1 Jurisdictional mWh Sales	3,923,462	3,994,662	3,898,898	3,525,887	2,811,544	2,776,042	38,721,066
2 Non-Jurisdictional mWh Sales	36,956	37,435	17,800	16,080	12,182	11,792	262,713
3 TOTAL SALES (Lines B1 + B2)	<u>3,960,418</u>	<u>4,032,097</u>	<u>3,916,698</u>	<u>3,541,967</u>	<u>2,823,725</u>	<u>2,787,834</u>	<u>38,983,778</u>
4 Jurisdictional % of Total Sales (Line B1/B3)	99.07%	99.07%	99.55%	99.55%	99.57%	99.58%	99.33%
C 1 Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	131,162,478	133,542,731	130,341,300	117,871,449	93,990,725	92,803,906	1,208,890,671
2 True-Up Provision	(1,205,224)	(1,205,224)	(1,205,224)	(1,205,224)	(1,205,224)	(1,205,224)	63,769,102
2a Incentive Provision	(215,975)	(215,975)	(215,975)	(215,975)	(215,975)	(215,972)	(2,591,697)
3 FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	<u>129,741,279</u>	<u>132,121,532</u>	<u>128,920,101</u>	<u>116,450,250</u>	<u>92,569,526</u>	<u>91,382,710</u>	<u>1,270,068,076</u>
4 Fuel & Net Power Transactions (Line A6)	102,117,245	108,732,147	101,382,212	95,955,030	93,997,000	105,148,053	1,116,241,144
5 Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	<u>101,198,916</u>	<u>107,754,331</u>	<u>100,957,279</u>	<u>95,552,845</u>	<u>93,621,826</u>	<u>104,738,890</u>	<u>1,109,170,633</u>
6 Over/(Under) Recovery (Line C3 - Line C5)	28,542,363	24,367,201	27,962,822	20,897,406	(1,052,301)	(13,356,180)	160,897,438
7 Interest Provision	(1,489)	724	2,914	4,965	5,854	5,375	(46,998)
8 TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	<u>28,540,875</u>	<u>24,367,925</u>	<u>27,965,736</u>	<u>20,902,370</u>	<u>(1,046,446)</u>	<u>(13,350,805)</u>	<u>160,850,440</u>
9 Plus: Prior Period Balance	(35,997,914)	(35,997,914)	(35,997,914)	(35,997,914)	(35,997,914)	(35,997,914)	(35,997,914)
10 Plus: Cumulative True-Up Provision	<u>(69,795,217)</u>	<u>(68,589,993)</u>	<u>(67,384,769)</u>	<u>(66,179,545)</u>	<u>(64,974,321)</u>	<u>(63,769,101)</u>	<u>(63,769,101)</u>
11 Subtotal Prior Period True-up	(105,793,131)	(104,587,907)	(103,382,683)	(102,177,459)	(100,972,235)	(99,767,015)	(99,767,015)
12 Regulatory Accounting Adjustment	-	-	-	-	-	-	-
13 TOTAL TRUE-UP BALANCE	<u>(\$3,781,471)</u>	<u>\$21,791,678</u>	<u>\$50,962,638</u>	<u>\$73,070,232</u>	<u>\$73,229,010</u>	<u>\$61,083,424</u>	<u>61,083,424</u>

Duke Energy Florida, LLC
Calculation of Generating Performance Incentive
And True-Up Adjustment Factors
Estimated for the Period of : January 2021 through December 2021

1. TOTAL AMOUNT OF ADJUSTMENTS:

A. Generating Performance Incentive Reward / (Penalty)	\$	4,407,712
B. True-Up (Over) / Under Recovery	\$	(61,083,423)

2. JURISDICTIONAL mWh SALES	mWh	39,588,176
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3. ADJUSTMENT FACTORS:

A. Generating Performance Incentive Factor	Cents/kWh	0.011
B. True-Up Factor	Cents/kWh	(0.154)

Duke Energy Florida, LLC
Calculation of Levelized Fuel Adjustment Factors
Estimated for the Period of : January 2021 through December 2021

1. Period Jurisdictional Fuel Cost (Schedule E-1, line 21)	\$	1,279,043,741
1a. Prior Period True-up (E1, Line 22)	\$	(61,083,423)
2. Regulatory Assessment Fee (E1, Line 24)	\$	876,931
3. Generating Performance Incentive Factor (GPIF) (E1, Line 26)	\$	4,407,712
4. Total Amount to be Recovered	\$	<u>1,223,244,961</u>
5. Jurisdictional Sales (January - December 2018)		39,588,176 mWh
6. Jurisdictional Cost per kWh Sold (Line 4 / Line 5 / 10)		3.090 Cents/kWh
7. Effective Jurisdictional Sales (See Below)		39,537,944 mWh

LEVELIZED FUEL FACTORS:

8. Fuel Factor at Secondary Metering (Line 4 / Line 7 / 10)		3.094 Cents/kWh
9. Fuel Factor at Primary Metering		3.063 Cents/kWh
10. Fuel Factor at Transmission Metering		3.032 Cents/kWh

TIERED FUEL FACTORS:

11. Fuel Factor - First Tier (0-1000 kWh)	2.811	Cents/kWh
12. Fuel Factor - Second Tier (Over 1000 kWh)	3.811	Cents/kWh

METERING VOLTAGE:	JURISDICTIONAL SALES (mWh)	
	METER	SECONDARY
Distribution Secondary	35,139,125	35,139,125
Distribution Primary	3,874,780	3,836,032
Transmission	574,272	562,787
Total	<u>39,588,177</u>	<u>39,537,944</u>

Duke Energy Florida, LLC
 Calculation of Final Fuel Cost Factors
 Estimated for the Period of : January 2021 through December 2021

Line:	Metering Voltage	-----Time of Use-----				
		First Tier Factor Cents/kWh	Second Tier Factor Cents/kWh	Levelized Factors Cents/kWh	On-Peak Multiplier 1.251	Off-Peak Multiplier 0.887
1.	Distribution Secondary	2.811	3.811	3.094	3.871	2.744
2.	Distribution Primary	--	--	3.063	3.832	2.717
3.	Transmission	--	--	3.032	3.793	2.689
4.	Lighting Service	--	--	2.955	--	--

Line 4 calculated at secondary rate of 3.094 * (18.7% * On-Peak Multiplier 1.251 + 81.3% * Off-Peak Multiplier 0.887).

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-21	756,754	21,617,479	2.857	2,222,863	47,575,762	2.140	2,979,617	69,193,241	2.322
Feb-21	729,170	20,321,485	2.787	1,915,928	40,149,923	2.096	2,645,099	60,471,408	2.286
Mar-21	795,546	22,006,559	2.766	2,081,214	45,237,332	2.174	2,876,760	67,243,892	2.337
Apr-21	1,028,363	29,443,537	2.863	1,962,489	39,465,471	2.011	2,990,853	68,909,008	2.304
May-21	1,154,698	36,694,869	3.178	2,583,131	53,277,643	2.063	3,737,829	89,972,512	2.407
Jun-21	1,418,773	46,433,212	3.273	2,647,610	56,630,579	2.139	4,066,384	103,063,791	2.535
Jul-21	1,455,958	47,007,583	3.229	2,867,913	62,701,301	2.186	4,323,870	109,708,883	2.537
Aug-21	1,427,810	45,291,532	3.172	2,842,612	61,501,115	2.164	4,270,421	106,792,648	2.501
Sep-21	1,322,741	39,995,530	3.024	2,713,883	58,126,063	2.142	4,036,624	98,121,593	2.431
Oct-21	1,133,866	33,172,131	2.926	2,364,207	50,544,214	2.138	3,498,073	83,716,344	2.393
Nov-21	712,194	18,225,379	2.559	2,086,588	45,426,830	2.177	2,798,782	63,652,210	2.274
Dec-21	813,045	22,166,467	2.726	2,085,386	42,839,181	2.054	2,898,430	65,005,648	2.243
TOTAL	12,748,916	382,375,763	2.999	28,373,826	603,475,414	2.127	41,122,742	985,851,178	2.397

MARGINAL FUEL COST WEIGHTING MULTIPLIER	<u>ON-PEAK</u> 1.251	<u>OFF-PEAK</u> 0.887	<u>AVERAGE</u> 1.000
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Duke Energy Florida, LLC
Development of Jurisdictional Delivery Loss Multipliers
Based on Actual Twelve Months Ending December 31, 2019
Estimated for the Period of : January 2021 through December 2021

	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	488,632	(1,049)	487,583		0.9836607	495,682		
Distribution Primary	3,630,168	(7,787)	3,622,381		0.9736607	3,720,373		
Distribution Secondary	35,068,543	(75,213)	34,993,330		0.9307248	37,597,934		
Total Retail	39,187,343	(84,049)	39,103,294	99.50%	0.9351725 6.48%	41,813,989	99.53%	1.00031
Wholesale								
Generation Level	169,009	-	169,009		1.0000000	169,009		
Transmission	-	-	-		0.9836607	-		
Distribution Primary	29,016	-	29,016		0.9736607	29,801		
Distribution Secondary	-	-	-		-	-		
Total Wholesale	198,025	-	198,025	0.50%	0.9960518 0.39%	198,810	0.47%	0.93917
Subtotal Class	39,385,368	(84,049)	39,301,319	100.00%	0.9354606 6.45%	42,012,799	100.00%	1.00000
Non-Class								
SEPA	Transmission	37,527	-	37,527	0.9836607	38,150		
Homestead Base & Int	Generation	38,551	-	38,551	1.0000000	38,551		
SECI - CC	Generation	1,018,150	-	1,018,150	1.0000000	1,018,150		
SECI - Base	Generation	-	-	-	1.0000000	-		
Reedy Creek Base & Int	Generation	451,217	-	451,217	1.0000000	451,217		
Reedy Creek Hines	Generation	229,861	-	229,861	1.0000000	229,861		
Reedy Creek Solar	Generation	2,448	-	2,448	1.0000000	2,448		
NSB - Peaking	Generation	-	-	-	1.0000000	-		
SECI - Intermediate	Generation	98,412	-	98,412	1.0000000	98,412		
SECI - Peaking	Generation	5,973	-	5,973	1.0000000	5,973		
TECO Base	Generation	838,669	-	838,669	1.0000000	838,669		
Interchange	Generation	59,125	-	59,125	1.0000000	59,125		
Company Use	Secondary	148,493	-	148,493	0.9307248	159,546		
Total Non-Class		2,928,426	-	2,928,426		2,940,102		
Total System		42,313,794	(84,049)	42,229,745		44,952,901		

Duke Energy Florida, LLC
Fuel and Purchased Power Cost Recovery Clause
Estimated for the Period of : January 2021 through December 2021

		Estimated Jan-21	Estimated Feb-21	Estimated Mar-21	Estimated Apr-21	Estimated May-21	Estimated Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	TOTAL
1	Fuel Cost of System Net Generation	\$96,872,402	\$85,036,001	\$91,133,661	\$84,783,693	\$103,801,885	\$111,433,201	\$118,670,109	\$117,845,407	\$111,694,016	\$99,760,893	\$86,041,090	\$87,920,977	\$1,194,993,335
1a	Nuclear Fuel Disposal Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
1b	Adjustments to Fuel Cost	1,124,711	1,121,218	1,117,500	1,114,006	1,110,845	1,107,127	1,103,410	1,099,803	1,096,197	1,092,700	1,088,657	1,085,378	13,261,552
2	Fuel Cost of Power Sold	(1,417,816)	(720,014)	(373,060)	(176,655)	(544,153)	(681,635)	(893,679)	(904,456)	(781,122)	(333,265)	(408,971)	(289,899)	(7,524,725)
2a	Gains on Power Sales	(359,516)	(182,574)	(94,597)	(44,794)	(137,981)	(172,842)	(226,611)	(229,344)	(198,069)	(84,507)	(103,703)	(85,557)	(1,920,095)
2b	Fuel Cost of Stratified Sales	(1,776,625)	(1,821,495)	(2,531,345)	(2,129,343)	(3,811,913)	(4,142,776)	(3,865,308)	(3,958,110)	(4,079,003)	(3,927,876)	(2,723,855)	(2,084,968)	(36,852,618)
3	Fuel Cost of Purchased Power (Excl Economy)	509,812	279,050	525,122	866,378	2,326,315	558,910	1,163,264	945,777	360,777	856,359	892,848	49,000	9,333,612
3a	Energy Payments to Qualifying Facilities	9,212,857	7,542,954	8,222,147	8,022,798	9,269,427	9,022,105	9,343,453	9,316,324	8,974,034	8,949,021	8,848,146	9,652,457	106,375,724
4	Energy Cost of Economy Purchases	79,297	95,430	155,108	149,250	194,346	205,130	111,190	98,450	68,453	90,445	145,770	146,484	1,539,353
5	Total System Fuel & Net Power Transactions	\$104,245,122	\$91,350,569	\$98,154,536	\$92,585,333	\$112,208,771	\$117,329,220	\$125,405,828	\$124,213,851	\$117,135,284	\$106,403,770	\$93,779,982	\$96,393,872	\$1,279,206,138
6	Jurisdictional mWh Sold	3,019,064	2,828,366	2,610,944	2,660,944	2,992,525	3,618,140	3,984,399	4,016,879	4,115,362	3,815,333	3,167,483	2,758,734	39,588,176
7	Jurisdictional % of Total Sales	99.98%	99.97%	99.98%	99.97%	99.93%	99.94%	99.95%	99.95%	99.95%	99.94%	99.98%	99.95%	99.96%
8	Jurisdictional Fuel & Net Power Transactions	104,224,273	91,323,164	98,134,905	92,557,557	112,130,225	117,258,823	125,343,125	124,151,744	117,076,716	106,339,928	93,761,226	96,345,675	1,278,647,361
9	Jurisdictional Loss Multiplier	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031
10	Jurisdictional Fuel & Net Power Transactions	104,256,583	91,351,474	98,165,327	92,586,250	112,164,985	117,295,173	125,381,981	124,190,231	117,113,010	106,372,893	93,790,292	96,375,542	1,279,043,741
11	Adjusted System Sales	mWh 3,019,791	2,829,218	2,611,461	2,661,633	2,994,501	3,620,433	3,986,375	4,018,855	4,117,273	3,817,505	3,168,165	2,759,979	39,605,188
12	System Cost per kWh Sold	c/kWh 3.4520	3.2288	3.7586	3.4785	3.7471	3.2406	3.1459	3.0908	2.8450	2.7873	2.9601	3.4926	3.2299
13	Jurisdictional Loss Multiplier	x 1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031
14	Jurisdictional Cost per kWh Sold	c/kWh 3.4533	3.2298	3.7598	3.4795	3.7482	3.2419	3.1468	3.0917	2.8458	2.7880	2.9610	3.4935	3.2309
15	Prior Period True-Up	+ -0.1686	-0.1800	-0.1950	-0.1913	-0.1701	-0.1407	-0.1278	-0.1267	-0.1237	-0.1334	-0.1607	-0.1845	-0.1543
16	Total Jurisdictional Fuel Expense	c/kWh 3.2847	3.0499	3.5648	3.2882	3.5781	3.1012	3.0191	2.9650	2.7221	2.6546	2.8003	3.3089	3.0766
17	Revenue Tax Multiplier	x 1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072
18	Recovery Factor Adjusted for Taxes	c/kWh 3.2870	3.0521	3.5674	3.2905	3.5806	3.1034	3.0212	2.9671	2.7240	2.6565	2.8024	3.3113	3.0788
19	GPIF	+ 0.0122	0.0130	0.0141	0.0138	0.0123	0.0102	0.0092	0.0091	0.0089	0.0096	0.0116	0.0133	0.0111
20	Total Recovery Factor (rounded .001)	c/kWh 3.299	3.065	3.581	3.304	3.593	3.114	3.030	2.976	2.733	2.666	2.814	3.325	3.090

Duke Energy Florida, LLC
Generating System Comparative Data by Fuel Type
Estimated for the Period of : January 2021 through December 2021

		Estimated Jan-21	Estimated Feb-21	Estimated Mar-21	Estimated Apr-21	Estimated May-21	Estimated Jun-21	Subtotal
FUEL COST OF SYSTEM NET GENERATION (\$)								
1	LIGHT OIL	1,014,622	963,575	762,635	574,512	934,006	975,912	5,225,262
2	COAL	19,463,507	15,630,604	18,634,230	8,986,470	16,121,450	17,457,382	96,293,643
3	GAS	76,394,273	68,441,822	71,736,796	75,222,711	86,746,429	92,999,907	471,541,938
4	OTHER	0	0	0	0	0	0	0
5	TOTAL	\$ 96,872,402	85,036,001	91,133,661	84,783,693	103,801,885	111,433,201	573,060,843
SYSTEM NET GENERATION (MWH)								
6	LIGHT OIL	4,560	3,665	2,444	1,874	3,077	4,455	20,075
7	COAL	642,989	530,609	657,635	300,823	559,475	617,188	3,308,719
8	GAS	2,239,197	2,020,213	2,083,837	2,534,183	2,982,733	3,311,831	15,171,993
9	SOLAR	81,059	84,674	118,947	127,338	137,599	121,941	671,558
10	OTHER	0	0	0	0	0	0	0
11	TOTAL	MWH 2,967,805	2,639,161	2,862,863	2,964,218	3,682,884	4,055,415	19,172,346
UNITS OF FUEL BURNED								
12	LIGHT OIL	BBL 9,131	8,349	6,337	4,526	8,256	9,065	45,664
13	COAL	TON 277,702	231,478	286,538	137,253	253,295	278,254	1,464,520
14	GAS	MCF 15,295,843	13,729,739	14,439,048	17,969,518	21,297,765	23,882,959	106,614,872
15	OTHER	0	0	0	0	0	0	0
BTUS BURNED (MMBTU)								
16	LIGHT OIL	53,205	48,647	36,890	26,376	48,092	52,823	266,033
17	COAL	6,555,728	5,429,880	6,686,088	3,197,490	5,885,944	6,453,662	34,208,792
18	GAS	15,295,843	13,729,739	14,439,048	17,969,518	21,297,765	23,882,959	106,614,872
19	OTHER	0	0	0	0	0	0	0
20	TOTAL	MMBTU 21,904,776	19,208,266	21,162,026	21,193,384	27,231,801	30,389,444	141,089,697
GENERATION MIX (% MWH)								
21	LIGHT OIL	0.15%	0.14%	0.09%	0.06%	0.08%	0.11%	0.11%
22	COAL	21.67%	20.11%	22.97%	10.15%	15.19%	15.22%	17.26%
23	GAS	75.45%	76.55%	72.79%	85.49%	80.99%	81.66%	79.14%
24	SOLAR	2.73%	3.21%	4.16%	4.30%	3.74%	3.01%	3.50%
25	OTHER	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
26	TOTAL	% 100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
FUEL COST PER UNIT								
27	LIGHT OIL	\$/BBL 111.12	115.41	120.35	126.94	113.13	107.66	114.43
28	COAL	\$/TON 70.09	67.53	65.03	65.47	63.65	62.74	65.75
29	GAS	\$/MCF 4.99	4.98	4.97	4.19	4.07	3.89	4.42
30	OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL COST PER MMBTU (\$/MMBTU)								
31	LIGHT OIL	19.07	19.81	20.67	21.78	19.42	18.48	19.64
32	COAL	2.97	2.88	2.79	2.81	2.74	2.71	2.82
33	GAS	4.99	4.99	4.97	4.19	4.07	3.89	4.42
34	OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	TOTAL	\$/MMBTU 4.42	4.43	4.31	4.00	3.81	3.67	4.06
BTU BURNED PER KWH (BTU/KWH)								
36	LIGHT OIL	11,668	13,273	15,093	14,077	15,628	11,856	13,252
37	COAL	10,196	10,233	10,167	10,629	10,520	10,457	10,339
38	GAS	6,831	6,796	6,929	7,091	7,140	7,211	7,027
39	OTHER	0	0	0	0	0	0	0
40	TOTAL	BTU/KWH 7,381	7,278	7,392	7,150	7,394	7,494	7,359
GENERATED FUEL COST PER KWH (C/KWH)								
41	LIGHT OIL	22.25	26.29	31.20	30.66	30.35	21.90	26.03
42	COAL	3.03	2.95	2.83	2.99	2.88	2.83	2.91
43	GAS	3.41	3.39	3.44	2.97	2.91	2.81	3.11
44	OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	TOTAL	C/KWH 3.26	3.22	3.18	2.86	2.82	2.75	2.99

Duke Energy Florida, LLC

Generating System Comparative Data by Fuel Type

Estimated for the Period of : January 2021 through December 2021

		Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	
		Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Total
FUEL COST OF SYSTEM NET GENERATION (\$)								
1	LIGHT OIL	973,781	945,198	985,311	895,692	820,384	1,046,309	10,891,937
2	COAL	18,015,119	17,754,298	15,831,804	16,049,666	15,920,152	9,770,815	189,635,497
3	GAS	99,681,209	99,145,911	94,876,901	82,815,535	69,300,554	77,103,853	994,465,901
4	OTHER	0	0	0	0	0	0	0
5	TOTAL \$	118,670,109	117,845,407	111,694,016	99,760,893	86,041,090	87,920,977	1,194,993,335
SYSTEM NET GENERATION (MWH)								
6	LIGHT OIL	4,287	4,117	4,361	3,969	3,987	4,980	45,777
7	COAL	642,458	633,235	562,681	570,944	579,241	346,830	6,644,108
8	GAS	3,532,125	3,498,636	3,357,165	2,805,162	2,123,030	2,474,472	32,962,583
9	SOLAR	120,348	115,058	105,568	100,339	85,579	72,147	1,270,597
10	OTHER	0	0	0	0	0	0	0
11	TOTAL MWH	4,299,218	4,251,045	4,029,775	3,480,414	2,791,837	2,898,430	40,923,065
UNITS OF FUEL BURNED								
12	LIGHT OIL BBL	9,067	8,892	9,301	8,586	7,561	9,760	98,831
13	COAL TON	288,966	285,808	254,790	258,453	256,477	155,403	2,964,417
14	GAS MCF	25,743,204	25,456,440	24,330,828	20,443,016	15,165,092	16,860,114	234,613,566
15	OTHER	0	0	0	0	0	0	0
BTUS BURNED (MMBTU)								
16	LIGHT OIL	52,824	51,795	54,177	50,024	44,042	56,853	575,748
17	COAL	6,693,249	6,614,400	5,893,812	5,976,566	5,929,533	3,593,296	68,909,648
18	GAS	25,743,204	25,456,440	24,330,828	20,443,016	15,165,092	16,860,114	234,613,566
19	OTHER	0	0	0	0	0	0	0
20	TOTAL MMBTU	32,489,277	32,122,635	30,278,817	26,469,606	21,138,667	20,510,263	304,098,962
GENERATION MIX (% MWH)								
21	LIGHT OIL	0.10%	0.10%	0.11%	0.11%	0.14%	0.17%	0.11%
22	COAL	14.94%	14.90%	13.96%	16.40%	20.75%	11.97%	16.24%
23	GAS	82.16%	82.30%	83.31%	80.60%	76.04%	85.37%	80.55%
24	SOLAR	2.80%	2.71%	2.62%	2.88%	3.07%	2.49%	3.11%
25	OTHER	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
26	TOTAL %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
FUEL COST PER UNIT								
27	LIGHT OIL \$/BBL	107.40	106.30	105.94	104.32	108.50	107.20	110.21
28	COAL \$/TON	62.34	62.12	62.14	62.10	62.07	62.87	63.97
29	GAS \$/MCF	3.87	3.89	3.90	4.05	4.57	4.57	4.24
30	OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL COST PER MMBTU (\$/MMBTU)								
31	LIGHT OIL	18.43	18.25	18.19	17.91	18.63	18.40	18.92
32	COAL	2.69	2.68	2.69	2.69	2.69	2.72	2.75
33	GAS	3.87	3.90	3.90	4.05	4.57	4.57	4.24
34	OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	TOTAL \$/MMBTU	3.65	3.67	3.69	3.77	4.07	4.29	3.93
BTU BURNED PER KWH (BTU/KWH)								
36	LIGHT OIL	12,323	12,582	12,423	12,602	11,045	11,415	12,577
37	COAL	10,418	10,445	10,475	10,468	10,237	10,360	10,372
38	GAS	7,288	7,276	7,247	7,288	7,143	6,814	7,118
39	OTHER	0	0	0	0	0	0	0
40	TOTAL BTU/KWH	7,557	7,556	7,514	7,605	7,572	7,076	7,431
GENERATED FUEL COST PER KWH (C/KWH)								
41	LIGHT OIL	22.72	22.96	22.59	22.56	20.57	21.01	23.79
42	COAL	2.80	2.80	2.81	2.81	2.75	2.82	2.85
43	GAS	2.82	2.83	2.83	2.95	3.26	3.12	3.02
44	OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	TOTAL C/KWH	2.76	2.77	2.77	2.87	3.08	3.03	2.92

Duke Energy Florida, LLC
System Net Generation and Fuel Cost

Estimated for the Period of: Jan-21

(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	4	732	348,547	64.0	96.13	68.0	10,221 COAL	150,904 TONS	23.61	3,562,398	10,566,781	3.03
2 CRYSTAL RIVER	5	712	294,442	55.6	94.52	60.7	10,166 COAL	126,798 TONS	23.61	2,993,330	8,896,726	3.02
3 ANCLOTE	1	517	17,897	4.7	98.06	15.0	12,595 GAS	225,409 MCF	1.00	225,409	912,510	5.10
4 ANCLOTE	2	521	1,063	0.3	98.39	15.7	13,755 GAS	14,615 MCF	1.00	14,615	285,818	26.90
5 AVON PARK	1-2	228	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
6 BARTOW	1-4	1,279	282	0.1	88.47	3.4	14,378 GAS	4,052 MCF	1.00	4,052	20,231	7.18
7 BARTOWCC	1	1279	585,300	61.5	90.65	67.8	6,929 GAS	4,055,769 MCF	1.00	4,055,769	20,248,573	3.46
8 CITRUS CC	1-2	1640	1,195,131	97.9	94.84	105.2	6,502 GAS	7,770,301 MCF	1.00	7,770,301	38,793,509	3.25
9 DEBARY	1-10	785	1,003	0.3	79.94	10.4	12,752 GAS	12,795 MCF	1.00	12,795	63,878	6.37
10 HINES	1-4	2,204	374,670	23.0	95.73	89.8	7,072 GAS	2,649,514 MCF	1.00	2,649,514	13,227,797	3.53
11 NT CITY	1-14	1,186	2,441	0.4	92.12	6.8	12,793 GAS	31,226 MCF	1.00	31,226	155,897	6.39
12 OSPREY	1	505	16,336	4.3	96.06	82.9	7,839 GAS	128,061 MCF	1.00	128,061	639,350	3.91
13 SUWANNEE CT	1-3	200	1,224	0.9	77.59	22.3	14,333 GAS	17,537 MCF	1.00	17,537	87,553	7.16
14 TIGER BAY	1	225	12,685	7.6	95.16	102.5	7,437 GAS	94,342 MCF	1.00	94,342	471,006	3.71
15 UNIV OF FLA.	1	47	31,166	89.1	97.42	91.5	9,376 GAS	292,222 MCF	1.00	292,222	1,488,151	4.77
16 AVON PARK	1-2	69	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
17 BARTOW	1-4	228	234	0.3	88.47	18.8	14,864 LIGHT OIL	597 BBLS	5.82	3,475	66,757	28.56
18 BARTOW CC	1	1,279	0	61.5	90.65	67.8	0 LIGHT OIL	0 BBLS	5.82	0	0	0.00
19 BAYBORO	1-4	231	220	0.1	92.34	23.9	13,258 LIGHT OIL	501 BBLS	5.82	2,922	74,051	33.60
20 DEBARY	1-10	785	958	0.3	79.94	10.4	12,721 LIGHT OIL	2,090 BBLS	5.82	12,182	256,854	26.82
21 HINESCC	1-4	2,204	1,664	23.0	95.73	89.8	7,306 LIGHT OIL	2,087 BBLS	5.82	12,160	180,197	10.83
22 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	5.82	0	0	0.00
23 NT CITY	1-14	1,186	1,325	0.4	92.12	6.8	12,814 LIGHT OIL	2,914 BBLS	5.82	16,980	314,000	23.70
24 SUWANNEE CT	1-3	200	159	0.9	77.59	79.3	13,653 LIGHT OIL	372 BBLS	5.82	2,166	36,765	23.17
25 OTHER - START UP	0	-	0	-	0.00	0.0	0 LIGHT OIL	570 BBLS	5.82	3,320	85,998	0.00
26 SOLAR	1	513	81,059	21.2	0.00	46.7	0 SOLAR	0 N/A		0	0	0.00
27 TOTAL			2,967,805							21,904,776	96,872,402	3.26

Duke Energy Florida, LLC
 System Net Generation and Fuel Cost
 Estimated for the Period of: Feb-21

(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	4	732	284,967	57.9	93.57	64.9	10,275 COAL	124,819 TONS	23.46	2,927,934	8,419,633	2.95
2 CRYSTAL RIVER	5	712	245,642	51.3	93.21	59.3	10,185 COAL	106,659 TONS	23.46	2,501,946	7,210,971	2.94
3 ANCLOTE	1	517	8,653	2.5	91.43	13.0	13,279 GAS	114,900 MCF	1.00	114,900	455,583	5.27
4 ANCLOTE	2	521	0	0.0	96.79	0.0	0 GAS	0 MCF	0.00	0	116,972	0.00
5 AVON PARK	1-2	228	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
6 BARTOW	1-4	1,279	156	0.0	86.16	2.9	14,905 GAS	2,320 MCF	1.00	2,320	11,564	7.43
7 BARTOWCC	1	1,279	550,507	64.1	93.57	68.4	6,934 GAS	3,817,350 MCF	1.00	3,817,350	19,022,073	3.46
8 CITRUS CC	1-2	1,640	1,115,680	101.2	97.14	104.7	6,485 GAS	7,235,591 MCF	1.00	7,235,591	36,055,365	3.23
9 DEBARY	1-10	785	1,287	0.4	79.61	9.2	13,351 GAS	17,188 MCF	1.00	17,188	85,647	6.65
10 H NES	1-4	2,204	297,580	20.2	82.41	90.1	7,075 GAS	2,105,275 MCF	1.00	2,105,275	10,490,700	3.53
11 INT CITY	1-14	1,186	3,495	0.6	92.83	6.1	13,340 GAS	46,626 MCF	1.00	46,626	232,337	6.65
12 OSPREY	1	505	11,519	3.4	95.72	84.5	8,185 GAS	94,284 MCF	1.00	94,284	469,821	4.08
13 SUWANNEE CT	1-3	200	1,377	1.1	83.22	21.7	14,432 GAS	19,869 MCF	1.00	19,869	99,004	7.19
14 TIGER BAY	1	225	2,507	1.7	93.57	101.3	7,480 GAS	18,755 MCF	1.00	18,755	93,457	3.73
15 UNIV OF FLA.	1	47	27,451	86.9	95.00	91.5	9,383 GAS	257,581 MCF	1.00	257,581	1,309,299	4.77
16 AVON PARK	1-2	69	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
17 BARTOW	1-4	228	211	0.2	86.16	16.1	15,219 LIGHT OIL	552 BBLS	5.83	3,218	62,151	29.39
18 BARTOW CC	1	1,279	0	64.1	93.57	68.4	0 LIGHT OIL	0 BBLS	5.83	0	0	0.00
19 BAYBORO	1-4	231	232	0.1	92.06	25.1	13,262 LIGHT OIL	528 BBLS	5.83	3,078	76,972	33.16
20 DEBARY	1-10	785	946	0.4	79.61	9.2	13,030 LIGHT OIL	2,116 BBLS	5.83	12,332	259,789	27.45
21 H NESCC	1-4	2,204	864	20.2	82.41	90.1	7,406 LIGHT OIL	1,099 BBLS	5.83	6,400	102,125	11.82
22 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	5.83	0	0	0.00
23 INT CITY	1-14	1,186	1,309	0.6	92.83	6.1	12,842 LIGHT OIL	2,885 BBLS	5.83	16,812	311,147	23.77
24 SUWANNEE CT	1-3	200	102	1.1	83.22	50.9	13,869 LIGHT OIL	243 BBLS	5.83	1,412	24,847	24.41
25 OTHER - START UP	0	-	0	-	0.00	0.0	0 LIGHT OIL	926 BBLS	5.83	5,395	126,544	0.00
26 SOLAR	1	513	84,674	24.6	0.00	52.9	0 SOLAR	0 N/A		0	0	0.00
27 TOTAL			2,639,161							19,208,266	85,036,001	3.22

Duke Energy Florida, LLC
 System Net Generation and Fuel Cost
 Estimated for the Period of: Mar-21

(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	4	732	367,030	67.4	96.45	70.7	10,184 COAL	160,190 TONS	23 33	3,737,874	10,403,845	2.83
2 CRYSTAL RIVER	5	712	290,605	54.9	91.29	62.3	10,145 COAL	126,348 TONS	23 33	2,948,214	8,230,385	2.83
3 ANCLOTE	1	517	23,331	6.1	91.29	16.7	12,432 GAS	290,061 MCF	1 00	290,061	1,230,867	5.28
4 ANCLOTE	2	521	7,179	1.9	98.06	17.9	13,082 GAS	93,908 MCF	1 00	93,908	676,147	9.42
5 AVON PARK	1-2	228	0	0 0	0.00	0.0	0 GAS	0 MCF	0 00	0	0	0.00
6 BARTOW	1-4	1,279	86	0 0	86.86	2.1	18,013 GAS	1,554 MCF	1 00	1,554	7,716	8.94
7 BARTOWCC	1	1,279	645,097	67.8	90.81	70.3	6,946 GAS	4,481,004 MCF	1 00	4,481,004	22,255,263	3.45
8 CITRUS CC	1-2	1,640	905,908	74.2	78.39	79.0	6,524 GAS	5,910,303 MCF	1 00	5,910,303	29,353,993	3.24
9 DEBARY	1-10	785	1,436	0.4	80.07	7.2	13,900 GAS	19,964 MCF	1 00	19,964	99,151	6.90
10 HINES	1-4	2,204	453,644	27.7	72.58	80.8	7,085 GAS	3,213,891 MCF	1 00	3,213,891	15,962,049	3.52
11 INT CITY	1-14	1,186	1,766	0 3	79.26	5.5	13,446 GAS	23,744 MCF	1 00	23,744	117,923	6.68
12 OSPREY	1	505	10,349	2.8	96.69	66.1	7,975 GAS	82,534 MCF	1 00	82,534	409,913	3.96
13 SUWANNEE CT	1-3	200	1,201	0 9	81.18	17.9	15,220 GAS	18,281 MCF	1 00	18,281	90,794	7.56
14 TIGER BAY	1	225	8,143	4.9	95.16	86.2	7,700 GAS	62,700 MCF	1 00	62,700	311,406	3.82
15 UNIV OF FLA.	1	47	25,697	73.5	95.77	91.4	9,383 GAS	241,104 MCF	1 00	241,104	1,221,574	4.75
16 AVON PARK	1-2	69	0	0 0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
17 BARTOW	1-4	228	154	0.1	86.86	11.7	16,772 LIGHT OIL	442 BBLS	5 83	2,575	50,678	33.01
18 BARTOW CC	1	1,279	0	67.8	90.81	70.3	0 LIGHT OIL	0 BBLS	5 83	0	0	0.00
19 BAYBORO	1-4	231	167	0.1	94.20	18.0	14,853 LIGHT OIL	425 BBLS	5 83	2,476	62,169	37.29
20 DEBARY	1-10	785	725	0.4	80.07	7.2	13,479 LIGHT OIL	1,678 BBLS	5 83	9,768	209,540	28.91
21 HINESCC	1-4	2,204	0	27.7	72.58	80.8	0 LIGHT OIL	0 BBLS	5 83	0	15,378	0.00
22 OTHER		0	0	0 0	0.00	0.0	0 LIGHT OIL	0 BBLS	5 83	0	0	0.00
23 INT CITY	1-14	1,186	1,309	0 3	79.26	5.5	12,996 LIGHT OIL	2,923 BBLS	5 83	17,016	314,591	24.03
24 SUWANNEE CT	1-3	200	90	0 9	81.18	45.0	14,682 LIGHT OIL	228 BBLS	5 83	1,320	23,400	26.03
25 OTHER - START UP	0	-	0	-	0.00	0.0	0 LIGHT OIL	641 BBLS	5 83	3,735	86,879	0.00
26 SOLAR	1	513	118,947	31.2	0.00	61.2	0 SOLAR	0 N/A		0	0	0.00
27 TOTAL			2,862,863							21,162,026	91,133,661	3.18

Duke Energy Florida, LLC
 System Net Generation and Fuel Cost
 Estimated for the Period of: Apr-21

(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	4	732	296,302	56.2	97.67	60.1	10,631 COAL	135,215 TONS	23.30	3,150,002	8,740,723	2.95
2 CRYSTAL RIVER	5	712	4,521	0.9	6.67	57.7	10,504 COAL	2,038 TONS	23.30	47,488	245,747	5.44
3 ANCLOTE	1	517	65,939	17.7	91.00	23.4	11,539 GAS	760,903 MCF	1.00	760,903	2,609,094	3.96
4 ANCLOTE	2	521	6,117	1.6	96.00	34.5	12,063 GAS	73,786 MCF	1.00	73,786	884,432	14.46
5 AVON PARK	1-2	228	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
6 BARTOW	1-4	1,279	172	0.0	87.42	2.7	14,604 GAS	2,515 MCF	1.00	2,515	10,525	6.11
7 BARTOWCC	1	1,279	631,021	68.5	95.33	71.8	7,117 GAS	4,490,795 MCF	1.00	4,490,795	18,795,865	2.98
8 CITRUS CC	1-2	1,640	1,054,184	89.3	96.00	93.4	6,532 GAS	6,886,247 MCF	1.00	6,886,247	28,821,841	2.73
9 DEBARY	1-10	785	2,712	0.6	79.33	8.9	13,141 GAS	35,635 MCF	1.00	35,635	149,146	5.50
10 HINES	1-4	2,204	607,698	38.3	57.88	82.4	7,216 GAS	4,384,848 MCF	1.00	4,384,848	18,352,433	3.02
11 INT CITY	1-14	1,186	3,434	0.5	78.67	5.9	12,980 GAS	44,569 MCF	1.00	44,569	186,544	5.43
12 OSPREY	1	505	99,497	27.4	96.98	83.8	7,868 GAS	782,872 MCF	1.00	782,872	3,276,648	3.29
13 SUWANNEE CT	1-3	200	382	0.3	90.44	23.2	14,010 GAS	5,349 MCF	1.00	5,349	22,387	5.86
14 TIGER BAY	1	225	49,509	30.6	92.67	86.3	7,571 GAS	374,806 MCF	1.00	374,806	1,568,719	3.17
15 UNIV OF FLA.	1	47	13,519	40.0	93.57	91.6	9,408 GAS	127,193 MCF	1.00	127,193	545,077	4.03
16 AVON PARK	1-2	69	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
17 BARTOW	1-4	228	176	0.2	87.42	15.3	15,624 LIGHT OIL	471 BBLS	5.83	2,748	53,775	30.57
18 BARTOW CC	1	1,279	0	68.5	95.33	71.8	0 LIGHT OIL	0 BBLS	5.83	0	0	0.00
19 BAYBORO	1-4	231	164	0.1	93.25	17.8	13,926 LIGHT OIL	393 BBLS	5.83	2,288	57,341	34.90
20 DEBARY	1-10	785	799	0.6	79.33	8.9	13,313 LIGHT OIL	1,825 BBLS	5.83	10,634	226,482	28.35
21 HINESCC	1-4	2,204	0	38.3	57.88	82.4	0 LIGHT OIL	0 BBLS	5.83	0	15,378	0.00
22 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	5.83	0	0	0.00
23 INT CITY	1-14	1,186	700	0.5	78.67	5.9	13,458 LIGHT OIL	1,616 BBLS	5.83	9,417	185,810	26.56
24 SUWANNEE CT	1-3	200	35	0.3	90.44	17.5	13,114 LIGHT OIL	79 BBLS	5.83	459	9,802	28.01
25 OTHER - START UP	0	-	0	-	0.00	0.0	0 LIGHT OIL	142 BBLS	5.83	830	25,924	0.00
26 SOLAR	1	513	127,338	34.5	0.00	63.6	0 SOLAR	0 N/A		0	0	0.00
27 TOTAL			2,964,218							21,193,384	84,783,693	2.86

Duke Energy Florida, LLC
System Net Generation and Fuel Cost

Estimated for the Period of: May-21

(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	4	732	286,088	52.5	83.23	63.1	10,569 COAL	130,116 TONS	23.24	3,023,568	8,278,305	2.89
2 CRYSTAL RIVER	5	712	273,387	51.6	95.16	58.7	10,470 COAL	123,179 TONS	23.24	2,862,376	7,843,145	2.87
3 ANCLOTE	1	517	28,969	7.5	23.26	25.0	11,587 GAS	335,662 MCF	1.00	335,662	1,463,903	5.05
4 ANCLOTE	2	521	37,034	9.6	96.77	26.0	12,355 GAS	457,566 MCF	1.00	457,566	1,765,861	4.77
5 AVON PARK	1-2	228	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
6 BARTOW	1-4	1,279	360	0.1	88.23	2.9	14,339 GAS	5,163 MCF	1.00	5,163	21,021	5.84
7 BARTOWCC	1	1,279	695,039	73.0	98.06	74.4	7,137 GAS	4,960,212 MCF	1.00	4,960,212	20,196,349	2.91
8 CITRUS CC	1-2	1,640	1,091,918	89.5	95.48	94.2	6,527 GAS	7,127,480 MCF	1.00	7,127,480	29,020,749	2.66
9 DEBARY	1-10	785	6,157	1.2	79.81	9.4	12,945 GAS	79,705 MCF	1.00	79,705	324,532	5.27
10 HINES	1-4	2,204	847,414	51.7	63.73	81.4	7,209 GAS	6,109,011 MCF	1.00	6,109,011	24,873,882	2.94
11 NT CITY	1-14	1,186	8,452	1.1	82.66	6.3	12,842 GAS	108,539 MCF	1.00	108,539	441,934	5.23
12 OSPREY	1	505	147,423	39.2	96.50	80.9	7,795 GAS	1,149,219 MCF	1.00	1,149,219	4,679,242	3.17
13 SUWANNEE CT	1-3	200	1,001	0.7	80.00	24.2	13,681 GAS	13,690 MCF	1.00	13,690	55,742	5.57
14 TIGER BAY	1	225	88,110	52.6	94.84	87.0	7,514 GAS	662,045 MCF	1.00	662,045	2,695,629	3.06
15 UNIV OF FLA.	1	47	30,857	88.2	96.45	91.4	9,381 GAS	289,473 MCF	1.00	289,473	1,207,585	3.91
16 AVON PARK	1-2	69	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
17 BARTOW	1-4	228	191	0.3	88.23	16.1	15,276 LIGHT O L	501 BBLS	5.83	2,920	56,856	29.74
18 BARTOW CC	1	1,279	0	73.0	98.06	74.4	0 LIGHT O L	0 BBLS	5.83	0	0	0.00
19 BAYBORO	1-4	231	163	0.1	94.20	17.6	13,838 LIGHT O L	387 BBLS	5.83	2,250	56,063	34.48
20 DEBARY	1-10	785	791	1.2	79.81	9.4	13,221 LIGHT O L	1,796 BBLS	5.83	10,459	223,057	28.20
21 HINESCC	1-4	2,204	866	51.7	63.73	81.4	7,202 LIGHT O L	1,070 BBLS	5.83	6,235	99,890	11.54
22 OTHER		0	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	5.83	0	0	0.00
23 NT CITY	1-14	1,186	955	1.1	82.66	6.3	12,855 LIGHT O L	2,107 BBLS	5.83	12,277	234,281	24.53
24 SUWANNEE CT	1-3	200	112	0.7	80.00	55.8	13,446 LIGHT O L	258 BBLS	5.83	1,501	26,260	23.52
25 OTHER - START UP	0	-	0	-	0.00	0.0	0 LIGHT O L	2,137 BBLS	5.83	12,450	237,599	0.00
26 SOLAR	1	513	137,599	36.1	0.00	66.6	0 SOLAR	0 N/A		0	0	0.00
27 TOTAL			3,682,884							27,231,801	103,801,885	2.82

Duke Energy Florida, LLC
 System Net Generation and Fuel Cost
 Estimated for the Period of: Jun-21

(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	4	732	326,247	61.9	91.33	67.7	10,488 COAL	147,531 TONS	23.19	3,421,743	9,248,945	2.83
2 CRYSTAL RIVER	5	712	290,941	56.8	94.33	62.8	10,421 COAL	130,723 TONS	23.19	3,031,919	8,208,437	2.82
3 ANCLOTE	1	517	99,464	26.7	92.67	28.6	11,223 GAS	1,116,292 MCF	1.00	1,116,292	3,800,244	3.82
4 ANCLOTE	2	521	27,076	7.2	97.33	31.7	11,974 GAS	324,221 MCF	1.00	324,221	1,807,394	6.68
5 AVON PARK	1-2	228	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
6 BARTOW	1-4	1,279	251	0.0	86.92	2.7	14,369 GAS	3,610 MCF	1.00	3,610	14,053	5.59
7 BARTOWCC	1	1,279	666,327	72.4	96.00	75.4	7,143 GAS	4,759,295 MCF	1.00	4,759,295	18,527,014	2.78
8 CITRUS CC	1-2	1,640	1,081,637	91.6	95.67	96.4	6,517 GAS	7,049,116 MCF	1.00	7,049,116	27,440,847	2.54
9 DEBARY	1-10	785	7,190	1.4	80.13	9.9	12,835 GAS	92,285 MCF	1.00	92,285	359,246	5.00
10 HINES	1-4	2,204	1,186,013	74.8	97.09	81.6	7,201 GAS	8,540,499 MCF	1.00	8,540,499	33,246,512	2.80
11 NT CITY	1-14	1,186	11,869	1.6	93.10	6.3	12,811 GAS	152,055 MCF	1.00	152,055	591,924	4.99
12 OSPREY	1	505	135,015	37.1	96.54	88.5	7,786 GAS	1,051,217 MCF	1.00	1,051,217	4,092,186	3.03
13 SUWANNEE CT	1-3	200	1,610	1.2	84.17	24.8	13,534 GAS	21,788 MCF	1.00	21,788	84,815	5.27
14 TIGER BAY	1	225	65,346	40.3	95.67	88.5	7,513 GAS	490,972 MCF	1.00	490,972	1,911,261	2.92
15 UNIV OF FLA.	1	47	30,031	88.7	97.00	91.5	9,377 GAS	281,609 MCF	1.00	281,609	1,124,411	3.74
16 AVON PARK	1-2	69	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLs		0	0	0.00
17 BARTOW	1-4	228	165	0.3	86.92	15.2	15,602 LIGHT OIL	442 BBLs	5.84	2,580	50,749	30.69
18 BARTOW CC	1	1,279	0	72.4	96.00	75.4	0 LIGHT OIL	0 BBLs	5.84	0	0	0.00
19 BAYBORO	1-4	231	150	0.1	92.17	16.2	13,850 LIGHT OIL	356 BBLs	5.84	2,072	51,574	34.47
20 DEBARY	1-10	785	789	1.4	80.13	9.9	13,175 LIGHT OIL	1,784 BBLs	5.84	10,394	221,776	28.11
21 HINESCC	1-4	2,204	1,745	74.8	97.09	81.6	7,147 LIGHT OIL	2,141 BBLs	5.84	12,470	184,402	10.57
22 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLs	5.84	0	0	0.00
23 NT CITY	1-14	1,186	1,480	1.6	93.10	6.3	12,870 LIGHT OIL	3,267 BBLs	5.84	19,045	348,958	23.58
24 SUWANNEE CT	1-3	200	127	1.2	84.17	63.4	13,385 LIGHT OIL	291 BBLs	5.84	1,697	29,352	23.15
25 OTHER - START UP	0	-	0	-	0.00	0.0	0 LIGHT OIL	784 BBLs	5.84	4,565	89,101	0.00
26 SOLAR	1	513	121,941	33.0	0.00	59.4	0 SOLAR	0 N/A		0	0	0.00
27 TOTAL			4,055,415							30,389,444	111,433,201	2.75

Duke Energy Florida, LLC
 System Net Generation and Fuel Cost
 Estimated for the Period of: Jul-21

(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	4	732	364,955	67.0	94.84	70.6	10,446 COAL	164,585 TONS	23.16	3,812,242	10,244,685	2.81
2 CRYSTAL RIVER	5	712	277,503	52.4	88.71	66.5	10,382 COAL	124,381 TONS	23.16	2,881,007	7,770,434	2.80
3 ANCLOTE	1	517	75,843	19.7	87.74	29.0	11,212 GAS	850,337 MCF	1.00	850,337	3,562,018	4.70
4 ANCLOTE	2	521	103,982	26.8	98.06	27.5	12,138 GAS	1,262,099 MCF	1.00	1,262,099	4,615,305	4.44
5 AVON PARK	1-2	228	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
6 BARTOW	1-4	1,279	248	0.0	87.18	2.8	14,208 GAS	3,526 MCF	1.00	3,526	13,649	5.50
7 BARTOWCC	1	1279	675,907	71.0	93.55	75.9	7,146 GAS	4,830,221 MCF	1.00	4,830,221	18,697,969	2.77
8 CITRUS CC	1-2	1640	1,138,765	93.3	96.45	97.1	6,510 GAS	7,413,922 MCF	1.00	7,413,922	28,699,574	2.52
9 DEBARY	1-10	785	9,015	1.7	80.45	9.9	12,809 GAS	115,481 MCF	1.00	115,481	447,032	4.96
10 HINES	1-4	2,204	1,232,815	75.3	92.82	83.0	7,202 GAS	8,878,192 MCF	1.00	8,878,192	34,367,819	2.79
11 NT CITY	1-14	1,186	12,774	1.6	92.54	6.5	12,794 GAS	163,438 MCF	1.00	163,438	632,677	4.95
12 OSPREY	1	505	167,170	44.5	94.58	85.8	7,720 GAS	1,290,516 MCF	1.00	1,290,516	4,995,637	2.99
13 SUWANNEE CT	1-3	200	2,034	1.5	82.42	24.7	13,479 GAS	27,417 MCF	1.00	27,417	106,130	5.22
14 TIGER BAY	1	225	83,438	49.8	95.81	88.9	7,494 GAS	625,252 MCF	1.00	625,252	2,420,376	2.90
15 UNIV OF FLA.	1	47	30,134	86.2	94.19	91.5	9,385 GAS	282,803 MCF	1.00	282,803	1,123,023	3.73
16 AVON PARK	1-2	69	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
17 BARTOW	1-4	228	175	0.2	87.18	15.5	15,524 LIGHT O L	467 BBLS	5.83	2,722	53,308	30.40
18 BARTOW CC	1	1,279	0	71.0	93.55	75.9	0 LIGHT O L	0 BBLS	5.83	0	0	0.00
19 BAYBORO	1-4	231	146	0.1	94.19	15.7	13,849 LIGHT O L	346 BBLS	5.83	2,015	49,941	34.32
20 DEBARY	1-10	785	884	1.7	80.45	9.9	13,302 LIGHT O L	2,018 BBLS	5.83	11,753	248,448	28.12
21 HINESCC	1-4	2,204	1,747	75.3	92.82	83.0	7,139 LIGHT O L	2,141 BBLS	5.83	12,470	184,402	10.56
22 OTHER		0	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	5.83	0	0	0.00
23 NT CITY	1-14	1,186	1,198	1.6	92.54	6.5	12,863 LIGHT O L	2,644 BBLS	5.83	15,408	287,312	23.98
24 SUWANNEE CT	1-3	200	138	1.5	82.42	68.8	13,205 LIGHT O L	312 BBLS	5.83	1,816	31,234	22.71
25 OTHER - START UP	0	-	0	-	0.00	0.0	0 LIGHT O L	1,139 BBLS	5.83	6,640	119,136	0.00
26 SOLAR	1	513	120,348	31.5	0.00	56.9	0 SOLAR	0 N/A		0	0	0.00
27 TOTAL			4,299,218							32,489,277	118,670,109	2.76

Duke Energy Florida, LLC
 System Net Generation and Fuel Cost
 Estimated for the Period of: Aug-21

(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	4	732	344,426	63.2	95.81	68.9	10,472 COAL	155,856 TONS	23.14	3,606,938	9,671,214	2.81
2 CRYSTAL RIVER	5	712	288,809	54.5	85.81	63.6	10,413 COAL	129,952 TONS	23.14	3,007,462	8,083,084	2.80
3 ANCLOTE	1	517	75,179	19.5	90.32	29.5	11,203 GAS	842,199 MCF	1.00	842,199	3,532,301	4.70
4 ANCLOTE	2	521	99,977	25.8	98.06	26.3	12,229 GAS	1,222,658 MCF	1.00	1,222,658	4,507,417	4.51
5 AVON PARK	1-2	228	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
6 BARTOW	1-4	1,279	287	0.0	87.66	3.3	14,247 GAS	4,083 MCF	1.00	4,083	15,899	5.55
7 BARTOWCC	1	1279	667,958	70.2	93.55	75.1	7,139 GAS	4,768,327 MCF	1.00	4,768,327	18,565,931	2.78
8 CITRUS CC	1-2	1640	1,133,605	92.9	96.45	96.7	6,512 GAS	7,382,386 MCF	1.00	7,382,386	28,744,018	2.54
9 DEBARY	1-10	785	6,399	1.2	79.87	9.9	12,818 GAS	82,024 MCF	1.00	82,024	319,367	4.99
10 HINES	1-4	2,204	1,243,355	75.9	95.16	81.4	7,204 GAS	8,957,475 MCF	1.00	8,957,475	34,876,779	2.81
11 INT CITY	1-14	1,186	9,059	1.2	91.89	6.5	12,799 GAS	115,944 MCF	1.00	115,944	451,440	4.98
12 OSPREY	1	505	151,140	40.2	97.33	88.8	7,776 GAS	1,175,206 MCF	1.00	1,175,206	4,575,775	3.03
13 SUWANNEE CT	1-3	200	1,803	1.3	83.39	24.8	13,512 GAS	24,362 MCF	1.00	24,362	94,854	5.26
14 TIGER BAY	1	225	79,122	47.3	92.58	88.8	7,498 GAS	593,237 MCF	1.00	593,237	2,309,824	2.92
15 UNIV OF FLA.	1	47	30,754	87.9	96.13	91.5	9,382 GAS	288,539 MCF	1.00	288,539	1,152,306	3.75
16 AVON PARK	1-2	69	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
17 BARTOW	1-4	228	176	0.3	87.66	18.4	14,965 LIGHT OIL	452 BBLS	5.81	2,628	51,620	29.39
18 BARTOW CC	1	1,279	0	70.2	93.55	75.1	0 LIGHT OIL	0 BBLS	5.81	0	0	0.00
19 BAYBORO	1-4	231	146	0.1	92.02	15.8	13,841 LIGHT OIL	347 BBLS	5.81	2,018	49,703	34.09
20 DEBARY	1-10	785	807	1.2	79.87	9.9	13,196 LIGHT OIL	1,828 BBLS	5.81	10,648	226,735	28.10
21 HINESCC	1-4	2,204	1,732	75.9	95.16	81.4	7,148 LIGHT OIL	2,125 BBLS	5.81	12,378	183,155	10.58
22 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	5.81	0	0	0.00
23 INT CITY	1-14	1,186	1,125	1.2	91.89	6.5	12,876 LIGHT OIL	2,485 BBLS	5.81	14,483	271,644	24.15
24 SUWANNEE CT	1-3	200	132	1.3	83.39	65.9	13,316 LIGHT OIL	301 BBLS	5.81	1,755	30,265	22.96
25 OTHER - START UP	0	-	0	-	0.00	0.0	0 LIGHT OIL	1,354 BBLS	5.81	7,885	132,076	0.00
26 SOLAR	1	513	115,058	30.1	0.00	55.7	0 SOLAR	0 N/A		0	0	0.00
27 TOTAL			4,251,045							32,122,635	117,845,407	2.77

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Sep-21

(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	4	732	279,095	53.0	90.67	66.5	10,511 COAL	126,814 TONS	23.13	2,933,461	7,880,315	2.82
2 CRYSTAL RIVER	5	712	283,586	55.3	90.00	61.5	10,439 COAL	127,976 TONS	23.13	2,960,351	7,951,489	2.80
3 ANCLOTE	1	517	61,799	16.6	94.00	29.2	11,213 GAS	692,956 MCF	1.00	692,956	2,970,159	4.81
4 ANCLOTE	2	521	88,067	23.5	94.00	25.0	12,376 GAS	1,089,929 MCF	1.00	1,089,929	3,980,060	4.52
5 AVON PARK	1-2	228	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
6 BARTOW	1-4	1,279	250	0.0	86.50	2.9	14,316 GAS	3,582 MCF	1.00	3,582	13,963	5.58
7 BARTOWCC	1	1,279	651,309	70.7	94.67	74.7	7,137 GAS	4,648,417 MCF	1.00	4,648,417	18,120,920	2.78
8 CITRUS CC	1-2	1,640	1,095,419	92.8	96.67	96.4	6,513 GAS	7,134,532 MCF	1.00	7,134,532	27,812,540	2.54
9 DEBARY	1-10	785	4,688	1.0	79.50	9.7	12,834 GAS	60,160 MCF	1.00	60,160	234,521	5.00
10 H NES	1-4	2,204	1,219,002	76.9	96.50	80.8	7,206 GAS	8,784,361 MCF	1.00	8,784,361	34,244,065	2.81
11 INT CITY	1-14	1,186	8,027	1.1	92.00	6.4	12,819 GAS	102,899 MCF	1.00	102,899	401,126	5.00
12 OSPREY	1	505	128,923	35.5	93.57	89.0	7,787 GAS	1,003,900 MCF	1.00	1,003,900	3,913,501	3.04
13 SUWANNEE CT	1-3	200	1,263	1.0	83.50	24.5	13,560 GAS	17,132 MCF	1.00	17,132	66,785	5.29
14 TIGER BAY	1	225	68,490	42.3	93.33	88.7	7,480 GAS	512,318 MCF	1.00	512,318	1,997,169	2.92
15 UNIV OF FLA.	1	47	29,928	88.4	96.67	91.5	9,377 GAS	280,642 MCF	1.00	280,642	1,122,092	3.75
16 AVON PARK	1-2	69	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
17 BARTOW	1-4	228	152	0.2	86.50	16.0	15,608 LIGHT OIL	407 BBLS	5.82	2,369	46,990	30.96
18 BARTOW CC	1	1,279	0	70.7	94.67	74.7	0 LIGHT OIL	0 BBLS	5.82	0	0	0.00
19 BAYBORO	1-4	231	158	0.1	92.92	17.1	13,841 LIGHT OIL	377 BBLS	5.82	2,191	53,293	33.67
20 DEBARY	1-10	785	814	1.0	79.50	9.7	13,180 LIGHT OIL	1,841 BBLS	5.82	10,727	228,313	28.05
21 H NESCC	1-4	2,204	1,658	76.9	96.50	80.8	7,143 LIGHT OIL	2,034 BBLS	5.82	11,846	175,950	10.61
22 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	5.82	0	0	0.00
23 INT CITY	1-14	1,186	1,472	1.1	92.00	6.4	12,887 LIGHT OIL	3,255 BBLS	5.82	18,970	347,708	23.62
24 SUWANNEE CT	1-3	200	107	1.0	83.50	53.4	13,435 LIGHT OIL	247 BBLS	5.82	1,434	25,212	23.62
25 OTHER - START UP	0	-	0	-	0.00	0.0	0 LIGHT OIL	1,140 BBLS	5.82	6,640	107,845	0.00
26 SOLAR	1	513	105,568	28.6	0.00	54.4	0 SOLAR	0 N/A		0	0	0.00
27 TOTAL			4,029,775							30,278,817	111,694,016	2.77

Duke Energy Florida, LLC
 System Net Generation and Fuel Cost
 Estimated for the Period of: Oct-21

(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	4	732	288,742	53.0	91.29	66.9	10,496 COAL	131,056 TONS	23.12	3,030,588	8,136,853	2.82
2 CRYSTAL RIVER	5	712	282,202	53.3	90.00	61.0	10,439 COAL	127,397 TONS	23.12	2,945,978	7,912,813	2.80
3 ANCLOTE	1	517	47,468	12.3	95.16	28.7	11,265 GAS	534,730 MCF	1.00	534,730	2,380,937	5.02
4 ANCLOTE	2	521	65,961	17.0	95.16	24.3	12,438 GAS	820,451 MCF	1.00	820,451	3,108,097	4.71
5 AVON PARK	1-2	228	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
6 BARTOW	1-4	1,279	149	0.0	89.20	3.1	14,320 GAS	2,140 MCF	1.00	2,140	8,668	5.80
7 BARTOWCC	1	1279	577,938	60.7	79.05	64.9	7,215 GAS	4,169,671 MCF	1.00	4,169,671	16,888,862	2.92
8 CITRUS CC	1-2	1640	705,121	57.8	58.18	96.6	6,528 GAS	4,602,904 MCF	1.00	4,602,904	18,643,634	2.64
9 DEBARY	1-10	785	3,034	0.6	65.94	9.4	12,881 GAS	39,082 MCF	1.00	39,082	158,295	5.22
10 H NES	1-4	2,204	1,207,799	73.8	88.92	82.9	7,196 GAS	8,691,203 MCF	1.00	8,691,203	35,202,907	2.91
11 INT CITY	1-14	1,186	6,221	0.8	91.89	6.3	12,800 GAS	79,630 MCF	1.00	79,630	322,539	5.18
12 OSPREY	1	505	155,200	41.3	97.67	78.2	7,710 GAS	1,196,624 MCF	1.00	1,196,624	4,846,813	3.12
13 SUWANNEE CT	1-3	200	1,235	0.9	83.87	24.1	13,586 GAS	16,782 MCF	1.00	16,782	67,975	5.50
14 TIGER BAY	1	225	21,207	12.7	93.33	88.1	7,532 GAS	159,738 MCF	1.00	159,738	647,002	3.05
15 UNIV OF FLA.	1	47	13,829	39.5	95.71	91.4	9,405 GAS	130,061 MCF	1.00	130,061	539,806	3.90
16 AVON PARK	1-2	69	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
17 BARTOW	1-4	228	170	0.2	89.20	17.5	15,540 LIGHT OIL	452 BBLS	5.83	2,635	51,749	30.52
18 BARTOW CC	1	1,279	0	60.7	79.05	64.9	0 LIGHT OIL	0 BBLS	5.83	0	0	0.00
19 BAYBORO	1-4	231	150	0.1	93.47	16.2	13,836 LIGHT OIL	356 BBLS	5.83	2,074	50,347	33.59
20 DEBARY	1-10	785	665	0.6	65.94	9.4	13,275 LIGHT OIL	1,515 BBLS	5.83	8,823	191,002	28.74
21 H NESCC	1-4	2,204	1,812	73.8	88.92	82.9	7,125 LIGHT OIL	2,216 BBLS	5.83	12,909	190,359	10.51
22 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	5.83	0	0	0.00
23 INT CITY	1-14	1,186	1,057	0.8	91.89	6.3	12,977 LIGHT OIL	2,353 BBLS	5.83	13,715	258,662	24.47
24 SUWANNEE CT	1-3	200	117	0.9	83.87	58.3	13,457 LIGHT OIL	269 BBLS	5.83	1,568	27,297	23.43
25 OTHER - START UP	0	-	0	-	0.00	0.0	0 LIGHT OIL	1,425 BBLS	5.83	8,300	126,276	0.00
26 SOLAR	1	513	100,339	26.3	0.00	52.6	0 SOLAR	0 N/A		0	0	0.00
27 TOTAL			3,480,414							26,469,606	99,760,893	2.87

Duke Energy Florida, LLC
 System Net Generation and Fuel Cost
 Estimated for the Period of: Nov-21

(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	4	732	326,786	62.0	97.00	65.7	10,261 COAL	145,041 TONS	23.12	3,353,227	8,988,356	2.75
2 CRYSTAL RIVER	5	712	252,455	49.2	95.33	58.3	10,205 COAL	111,436 TONS	23.12	2,576,306	6,931,796	2.75
3 ANCLOTE	1	517	17,435	4.7	92.00	21.3	11,698 GAS	203,962 MCF	1.00	203,962	1,127,562	6.47
4 ANCLOTE	2	521	33,490	8.9	100.00	24.6	12,077 GAS	404,473 MCF	1.00	404,473	1,651,700	4.93
5 AVON PARK	1-2	228	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
6 BARTOW	1-4	1,279	98	0.0	87.25	2.4	15,718 GAS	1,534 MCF	1.00	1,534	7,008	7.18
7 BARTOWCC	1	1,279	444,173	48.2	61.36	50.1	7,350 GAS	3,264,604 MCF	1.00	3,264,604	14,912,332	3.36
8 CITRUS CC	1-2	1,640	679,304	57.5	60.17	92.7	6,538 GAS	4,440,954 MCF	1.00	4,440,954	20,285,762	2.99
9 DEBARY	1-10	785	2,555	0.6	80.67	9.2	12,682 GAS	32,396 MCF	1.00	32,396	147,981	5.79
10 HINES	1-4	2,204	784,382	49.5	80.40	85.7	7,026 GAS	5,511,450 MCF	1.00	5,511,450	25,175,666	3.21
11 INT CITY	1-14	1,186	2,776	0.4	86.84	6.3	12,606 GAS	34,994 MCF	1.00	34,994	159,854	5.76
12 OSPREY	1	505	91,591	25.2	97.46	66.9	7,632 GAS	699,022 MCF	1.00	699,022	3,193,051	3.49
13 SUWANNEE CT	1-3	200	740	0.6	77.61	22.1	13,812 GAS	10,215 MCF	1.00	10,215	46,664	6.31
14 TIGER BAY	1	225	36,456	22.5	92.33	86.6	7,677 GAS	279,879 MCF	1.00	279,879	1,278,456	3.51
15 UNIV OF FLA.	1	47	30,031	88.7	97.00	91.5	9,377 GAS	281,609 MCF	1.00	281,609	1,314,518	4.38
16 AVON PARK	1-2	69	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
17 BARTOW	1-4	228	183	0.2	87.25	13.7	16,077 LIGHT O L	505 BBLS	5.84	2,947	57,317	31.27
18 BARTOW CC	1	1,279	0	48.2	61.36	50.1	0 LIGHT O L	0 BBLS	5.84	0	0	0.00
19 BAYBORO	1-4	231	163	0.1	94.67	17.6	14,834 LIGHT O L	414 BBLS	5.84	2,415	57,520	35.33
20 DEBARY	1-10	785	779	0.6	80.67	9.2	12,947 LIGHT O L	1,732 BBLS	5.84	10,089	215,801	27.69
21 HINESCC	1-4	2,204	1,708	49.5	80.40	85.7	7,106 LIGHT O L	2,083 BBLS	5.84	12,137	179,885	10.53
22 OTHER		0	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	5.84	0	0	0.00
23 INT CITY	1-14	1,186	1,054	0.4	86.84	6.3	12,720 LIGHT O L	2,303 BBLS	5.84	13,407	253,429	24.04
24 SUWANNEE CT	1-3	200	100	0.6	77.61	50.1	13,849 LIGHT O L	239 BBLS	5.84	1,387	24,450	24.41
25 OTHER - START UP	0	-	0	-	0.00	0.0	0 LIGHT O L	285 BBLS	5.84	1,660	31,982	0.00
26 SOLAR	1	513	85,579	23.2	0.00	51.0	0 SOLAR	0 N/A		0	0	0.00
27 TOTAL			2,791,837							21,138,667	86,041,090	3.08

Duke Energy Florida, LLC
System Net Generation and Fuel Cost

Estimated for the Period of: Dec-21

(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	4	732	165,959	30.5	91.94	56.4	10,437 COAL	74,908 TONS	23.12	1,732,062	4,713,819	2.84
2 CRYSTAL RIVER	5	712	180,871	34.1	93.55	52.5	10,290 COAL	80,495 TONS	23.12	1,861,234	5,056,996	2.80
3 ANCLOTE	1	517	1,130	0.3	96.77	16.8	12,059 GAS	13,625 MCF	1.00	13,625	111,604	9.88
4 ANCLOTE	2	521	5,031	1.3	98.06	20.1	13,467 GAS	67,746 MCF	1.00	67,746	260,381	5.18
5 AVON PARK	1-2	228	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
6 BARTOW	1-4	1,279	106	0.0	87.34	2.7	15,255 GAS	1,617 MCF	1.00	1,617	7,394	6.98
7 BARTOWCC	1	1,279	627,164	65.9	94.84	69.6	6,951 GAS	4,359,549 MCF	1.00	4,359,549	19,929,496	3.18
8 CITRUS CC	1-2	1,640	1,196,178	98.0	95.00	103.8	6,502 GAS	7,777,678 MCF	1.00	7,777,678	35,555,324	2.97
9 DEBARY	1-10	785	559	0.3	80.07	9.0	13,134 GAS	7,337 MCF	1.00	7,337	33,542	6.00
10 HINES	1-4	2,204	595,873	36.4	94.76	87.9	7,024 GAS	4,185,292 MCF	1.00	4,185,292	19,132,883	3.21
11 NT CITY	1-14	1,186	1,442	0.4	93.00	6.5	13,182 GAS	19,013 MCF	1.00	19,013	86,913	6.03
12 OSPREY	1	505	13,420	3.6	95.28	69.9	7,927 GAS	106,387 MCF	1.00	106,387	486,343	3.62
13 SUWANNEE CT	1-3	200	1,879	1.4	85.17	22.5	14,266 GAS	26,810 MCF	1.00	26,810	122,558	6.52
14 TIGER BAY	1	225	1,245	0.7	93.55	110.7	7,556 GAS	9,410 MCF	1.00	9,410	43,015	3.45
15 UNIV OF FLA.	1	47	30,444	87.1	95.16	91.5	9,383 GAS	285,650 MCF	1.00	285,650	1,334,400	4.38
16 AVON PARK	1-2	69	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
17 BARTOW	1-4	228	202	0.2	87.34	15.0	15,297 LIGHT OIL	531 BBLS	5.82	3,090	59,880	29.64
18 BARTOW CC	1	1,279	0	65.9	94.84	69.6	0 LIGHT OIL	0 BBLS	5.82	0	0	0.00
19 BAYBORO	1-4	231	223	0.1	92.42	24.2	13,344 LIGHT OIL	512 BBLS	5.82	2,981	69,449	31.09
20 DEBARY	1-10	785	994	0.3	80.07	9.0	13,008 LIGHT OIL	2,218 BBLS	5.82	12,928	271,493	27.32
21 HINESCC	1-4	2,204	1,689	36.4	94.76	87.9	7,247 LIGHT OIL	2,101 BBLS	5.82	12,242	181,309	10.73
22 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	5.82	0	0	0.00
23 NT CITY	1-14	1,186	1,725	0.4	93.00	6.5	12,724 LIGHT OIL	3,769 BBLS	5.82	21,953	398,315	23.09
24 SUWANNEE CT	1-3	200	147	1.4	85.17	22.5	13,628 LIGHT OIL	344 BBLS	5.82	1,999	34,123	23.26
25 OTHER - START UP	0	-	0	-	0.00	0.0	0 LIGHT OIL	285 BBLS	5.82	1,660	31,740	0.00
26 SOLAR	1	738	72,147	13.1	0.00	28.7	0 SOLAR	0 N/A		0	0	0.00
27 TOTAL			2,898,430							20,510,263	87,920,977	3.03

Duke Energy Florida, LLC
Inventory Analysis

Estimated for the Period of : January 2021 through December 2021

		Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Subtotal
LIGHT OIL								
1	PURCHASES:							
2	UNITS BBL	9,131	8,349	6,337	4,526	8,256	9,065	45,664
3	UNIT COST \$/BBL	111.12	115.41	120.35	126.94	113.13	107.66	114.43
4	AMOUNT \$	1,014,622	963,575	762,635	574,512	934,006	975,912	5,225,262
5	BURNED:							
6	UNITS BBL	9,131	8,349	6,337	4,526	8,256	9,065	45,664
7	UNIT COST \$/BBL	111.12	115.41	120.35	126.94	113.13	107.66	114.43
8	AMOUNT \$	1,014,622	963,575	762,635	574,512	934,006	975,912	5,225,262
9	ENDING INVENTORY:							
10	UNITS BBL	586,874	586,874	586,874	586,874	586,874	586,874	
11	UNIT COST \$/BBL	108.36	108.36	108.36	108.36	108.36	108.36	
12	AMOUNT \$	63,592,212	63,592,212	63,592,212	63,592,212	63,592,212	63,592,212	
COAL								
13	PURCHASES:							
14	UNITS TON	277,702	231,478	286,538	137,253	253,295	278,254	1,464,520
15	UNIT COST \$/TON	70.09	67.53	65.03	65.47	63.65	62.74	65.75
16	AMOUNT \$	19,463,507	15,630,604	18,634,230	8,986,470	16,121,450	17,457,382	96,293,643
17	BURNED:							
18	UNITS TON	277,702	231,478	286,538	137,253	253,295	278,254	1,464,520
19	UNIT COST \$/TON	70.09	67.53	65.03	65.47	63.65	62.74	65.75
20	AMOUNT \$	19,463,507	15,630,604	18,634,230	8,986,470	16,121,450	17,457,382	96,293,643
21	ENDING INVENTORY:							
22	UNITS TON	520,729	520,729	520,729	520,729	520,729	520,729	
23	UNIT COST \$/TON	86.03	86.03	86.03	86.03	86.03	86.03	
24	AMOUNT \$	44,798,943	44,798,943	44,798,943	44,798,943	44,798,943	44,798,943	
GAS								
25	BURNED:							
26	UNITS MCF	15,295,843	13,729,739	14,439,048	17,969,518	21,297,765	23,882,959	106,614,872
27	UNIT COST \$/MCF	4.99	4.98	4.97	4.19	4.07	3.89	4.42
28	AMOUNT \$	76,394,273	68,441,822	71,736,796	75,222,711	86,746,429	92,999,907	471,541,938

Duke Energy Florida, LLC
Inventory Analysis
Estimated for the Period of : January 2021 through December 2021

		Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Total	
LIGHT OIL									
1	PURCHASES:								
2	UNITS	BBL	9,067	8,892	9,301	8,586	7,561	9,760	98,831
3	UNIT COST	\$/BBL	107.40	106.30	105.94	104.32	108.50	107.20	110.21
4	AMOUNT	\$	973,781	945,198	985,311	895,692	820,384	1,046,309	10,891,937
5	BURNED:								
6	UNITS	BBL	9,067	8,892	9,301	8,586	7,561	9,760	98,831
7	UNIT COST	\$/BBL	107.40	106.30	105.94	104.32	108.50	107.20	110.21
8	AMOUNT	\$	973,781	945,198	985,311	895,692	820,384	1,046,309	10,891,937
9	ENDING INVENTORY:								
10	UNITS	BBL	586,874	586,874	586,874	586,874	586,874	586,874	
11	UNIT COST	\$/BBL	108.36	108.36	108.36	108.36	108.36	108.36	
12	AMOUNT	\$	63,592,212	63,592,212	63,592,212	63,592,212	63,592,212	63,592,212	
COAL									
13	PURCHASES:								
14	UNITS	TON	288,966	285,808	254,790	258,453	256,477	155,403	2,964,417
15	UNIT COST	\$/TON	62.34	62.12	62.14	62.10	62.07	62.87	63.97
16	AMOUNT	\$	18,015,119	17,754,298	15,831,804	16,049,666	15,920,152	9,770,815	189,635,497
17	BURNED:								
18	UNITS	TON	288,966	285,808	254,790	258,453	256,477	155,403	2,964,417
19	UNIT COST	\$/TON	62.34	62.12	62.14	62.10	62.07	62.87	63.97
20	AMOUNT	\$	18,015,119	17,754,298	15,831,804	16,049,666	15,920,152	9,770,815	189,635,497
21	ENDING INVENTORY:								
22	UNITS	TON	520,729	520,729	520,729	520,729	520,729	520,729	
23	UNIT COST	\$/TON	86.03	86.03	86.03	86.03	86.03	86.03	
24	AMOUNT	\$	44,798,943	44,798,943	44,798,943	44,798,943	44,798,943	44,798,943	
GAS									
25	BURNED:								
26	UNITS	MCF	25,743,204	25,456,440	24,330,828	20,443,016	15,165,092	16,860,114	234,613,566
27	UNIT COST	\$/MCF	3.87	3.89	3.90	4.05	4.57	4.57	4.24
28	AMOUNT	\$	99,681,209	99,145,911	94,876,901	82,815,535	69,300,554	77,103,853	994,465,901

Duke Energy Florida, LLC
Fuel Cost of Power Sold
Estimated for the Period of : January 2021 through December 2021

(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-21	ECONSALE	--	40,054		40,054	3.540	4.437	1,417,816	1,777,332	359,516
	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	--	76,602		76,602	2.319	2.319	1,776,625	1,776,625	0
	TOTAL		116,656		116,656	2.738	3.047	3,194,441	3,553,957	359,516
Feb-21	ECONSALE	--	22,218		22,218	3.241	4.062	720,014	902,588	182,574
	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	--	79,322		79,322	2.296	2.296	1,821,495	1,821,495	0
	TOTAL		101,540		101,540	2.503	2.683	2,541,509	2,724,083	182,574
Mar-21	ECONSALE	--	12,357		12,357	3.019	3.785	373,060	467,657	94,597
	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	--	114,533		114,533	2.210	2.210	2,531,345	2,531,345	0
	TOTAL		126,889		126,889	2.289	2.363	2,904,405	2,999,002	94,597
Apr-21	ECONSALE	--	5,557		5,557	3.179	3.985	176,655	221,449	44,794
	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	--	109,592		109,592	1.943	1.943	2,129,343	2,129,343	0
	TOTAL		115,148		115,148	2.003	2.042	2,305,998	2,350,792	44,794
May-21	ECONSALE	--	15,079		15,079	3.609	4.524	544,153	682,134	137,981
	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	--	198,008		198,008	1.925	1.925	3,811,913	3,811,913	0
	TOTAL		213,087		213,087	2.044	2.109	4,356,066	4,494,047	137,981
Jun-21	ECONSALE	--	18,305		18,305	3.724	4.668	681,635	854,477	172,842
	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	--	201,835		201,835	2.053	2.053	4,142,776	4,142,776	0
	TOTAL		220,140		220,140	2.192	2.270	4,824,411	4,997,253	172,842
Jan THRU Jun-21	ECONSALE	--	113,569		113,569	3.446	4.320	3,913,333	4,905,637	992,304
	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	--	779,892		779,892	2078.941	2078.941	16,213,498	16,213,498	0
	TOTAL		893,462		893,462	2.253	2.364	20,126,831	21,119,135	992,304

Duke Energy Florida, LLC
Fuel Cost of Power Sold
Estimated for the Period of : January 2021 through December 2021

(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-21	ECONSALE	--	24,319		24,319	3.675	4.607	893,679	1,120,290	226,611
	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	--	183,676		183,676	2.104	2.104	3,865,308	3,865,308	0
	TOTAL		207,996		207,996	2.288	2.397	4,758,987	4,985,598	226,611
Aug-21	ECONSALE	--	21,926		21,926	4.125	5.171	904,456	1,133,800	229,344
	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	--	187,796		187,796	2.108	2.108	3,958,110	3,958,110	0
	TOTAL		209,722		209,722	2.319	2.428	4,862,566	5,091,910	229,344
Sep-21	ECONSALE	--	20,871		20,871	3.743	4.692	781,122	979,191	198,069
	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	--	195,683		195,683	2.084	2.084	4,079,003	4,079,003	0
	TOTAL		216,554		216,554	2.244	2.336	4,860,125	5,058,194	198,069
Oct-21	ECONSALE	--	9,653		9,653	3.452	4.328	333,265	417,772	84,507
	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	--	186,530		186,530	2.106	2.106	3,927,876	3,927,876	0
	TOTAL		196,183		196,183	2.172	2.215	4,261,141	4,345,648	84,507
Nov-21	ECONSALE	--	11,767		11,767	3.476	4.357	408,971	512,674	103,703
	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	--	120,393		120,393	2.262	2.262	2,723,855	2,723,855	0
	TOTAL		132,160		132,160	2.370	2.449	3,132,826	3,236,529	103,703
Dec-21	ECONSALE	--	11,575		11,575	2.915	3.654	337,410	422,967	85,557
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	(47,511)	(47,511)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	81,709		81,709	2.552	2.552	2,084,968	2,084,968	0
	TOTAL		93,284		93,284	2.597	2.638	2,422,378	2,460,424	38,046
Jan-21 THRU Dec-21	ECONSALE	--	213,680		213,680	3.544	4.442	7,572,236	9,492,331	1,920,095
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	(47,511)	(47,511)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	1,735,681		1,735,681	2.123	2.123	36,852,618	36,852,618	0
	TOTAL		1,949,360		1,949,360	2.279	2.375	44,424,854	46,297,438	1,872,584

Duke Energy Florida, LLC
Purchased Power
(Exclusive of Economy & QF Purchases)
Estimated for the Period of : January 2021 through December 2021

(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-21	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	190			190	8.084	8.084	15,383
	SOCO Franklin	--	9,938			9,938	3.393	3.393	337,227
	Vandolah (NSG)	--	1,683			1,683	9.339	9.339	157,202
	TOTAL		11,812	0	0	11,812	4.316	4.316	509,812
Feb-21	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	0			0	0.000	0.000	3,576
	SOCO Franklin	--	5,749			5,749	3.752	3.752	215,691
	Vandolah (NSG)	--	189			189	31.648	31.648	59,783
	TOTAL		5,938	0	0	5,938	4.699	4.699	279,050
Mar-21	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	0			0	0.000	0.000	3,576
	SOCO Franklin	--	13,757			13,757	3.396	3.396	467,225
	Vandolah (NSG)	--	140			140	38.718	38.718	54,321
	TOTAL		13,897	0	0	13,897	3.779	3.779	525,122
Apr-21	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	1,050			1,050	5.106	5.106	53,610
	SOCO Franklin	--	22,343			22,343	2.698	2.698	602,847
	Vandolah (NSG)	--	3,242			3,242	6.475	6.475	209,921
	TOTAL		26,635	0	0	26,635	3.253	3.253	866,378
May-21	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	8,875			8,875	6.614	6.614	586,986
	SOCO Franklin	--	38,590			38,590	2.742	2.742	1,058,226
	Vandolah (NSG)	--	7,479			7,479	9.106	9.106	681,103
	TOTAL		54,945	0	0	54,945	4.234	4.234	2,326,315
Jun-21	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	2,247			2,247	4.594	4.594	103,210
	SOCO Franklin	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	8,722			8,722	5.225	5.225	455,700
	TOTAL		10,969	0	0	10,969	5.096	5.096	558,910
Jan-21 THRU Jun-21	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	12,362			12,362	6.199	6.199	766,341
	SOCO Franklin	--	90,377			90,377	2.967	2.967	2,681,216
	Vandolah (NSG)	--	21,455			21,455	7.541	7.541	1,618,030
	TOTAL		124,195	0	0	124,195	4.079	4.079	5,065,587

Duke Energy Florida, LLC
Energy Payments to Qualifying Facilities
Estimated for the Period of : January 2021 through December 2021

(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-21	QUAL. FACILITIES	COGEN	252,015			252,015	3.656	15.018	9,212,857
Feb-21	QUAL. FACILITIES	COGEN	208,275			208,275	3.622	17.370	7,542,954
Mar-21	QUAL. FACILITIES	COGEN	217,338			217,338	3.783	16.959	8,222,147
Apr-21	QUAL. FACILITIES	COGEN	221,208			221,208	3.627	16.572	8,022,798
May-21	QUAL. FACILITIES	COGEN	249,501			249,501	3.715	15.192	9,269,427
Jun-21	QUAL. FACILITIES	COGEN	239,975			239,975	3.760	15.692	9,022,105
Jul-21	QUAL. FACILITIES	COGEN	247,418			247,418	3.776	15.350	9,343,453
Aug-21	QUAL. FACILITIES	COGEN	247,272			247,272	3.768	15.348	9,316,324
Sep-21	QUAL. FACILITIES	COGEN	239,123			239,123	3.753	15.728	8,974,034
Oct-21	QUAL. FACILITIES	COGEN	233,657			233,657	3.830	16.085	8,949,021
Nov-21	QUAL. FACILITIES	COGEN	239,214			239,214	3.699	15.669	8,848,146
Dec-21	QUAL. FACILITIES	COGEN	271,792			271,792	3.551	14.087	9,652,457
TOTAL	QUAL. FACILITIES	COGEN	2,866,788			2,866,788	3.711	15.697	106,375,724

Duke Energy Florida, LLC
Economy Energy Purchases
Estimated for the Period of : January 2021 through December 2021

(1) MONTH	(2) PURCHASE	(3) TYPE & SCHED	(4) TOTAL MWH PURCHASED	(5) TRANSACTION COST		(6) TOTAL COST C/KWH	(7) TOTAL \$ FOR FUEL ADJ (4) x (5)	(8) COST IF GENERATED		(9) FUEL SAVINGS (8)(B) - (7)
				ENERGY COST C/KWH				(A) C/KWH	(B) \$	
Jan-21	ECONPURCH	--	1,968	4.029	4.029	79,297	4.519	88,957	9,660	
	SEPA	--	0	0.000	0.000	0	0.000	0	-	
TOTAL			1,968	4.029	4.029	79,297	4.519	88,957	9,660	
Feb-21	ECONPURCH	--	2,486	3.839	3.839	95,430	4.307	107,063	11,633	
	SEPA	--	0	0.000	0.000	0	0.000	0	-	
TOTAL			2,486	3.839	3.839	95,430	4.307	107,063	11,633	
Mar-21	ECONPURCH	--	4,188	3.704	3.704	155,108	4.155	174,022	18,914	
	SEPA	--	0	0.000	0.000	0	0.000	0	-	
TOTAL			4,188	3.704	3.704	155,108	4.155	174,022	18,914	
Apr-21	ECONPURCH	--	4,069	3.668	3.668	149,250	4.115	167,446	18,196	
	SEPA	--	0	0.000	0.000	0	0.000	0	-	
TOTAL			4,069	3.668	3.668	149,250	4.115	167,446	18,196	
May-21	ECONPURCH	--	4,544	4.277	4.277	194,346	4.799	218,045	23,699	
	SEPA	--	0	0.000	0.000	0	0.000	0	-	
TOTAL			4,544	4.277	4.277	194,346	4.799	218,045	23,699	
Jun-21	ECONPURCH	--	4,573	4.486	4.486	205,130	5.033	230,145	25,015	
	SEPA	--	0	0.000	0.000	0	0.000	0	-	
TOTAL			4,573	4.486	4.486	205,130	5.033	230,145	25,015	
Jan-21 THRU Jun-21	ECONPURCH	--	21,828	4.025	4.025	878,561	4.516	985,678	107,117	
	SEPA	--	0	0.000	0.000	0	-	0	-	
TOTAL			21,828	4.025	4.025	878,561	4.516	985,678	107,117	

Duke Energy Florida, LLC
Economy Energy Purchases
Estimated for the Period of : January 2021 through December 2021

(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) \$	
Jul-21	ECONPURCH	--	2,449	4.540	4.540	111,190	5.094	124,749	13,559
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			2,449	4.540	4.540	111,190	5.094	124,749	13,559
Aug-21	ECONPURCH	--	2,195	4.486	4.486	98,450	5.033	110,455	12,005
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			2,195	4.486	4.486	98,450	5.033	110,455	12,005
Sep-21	ECONPURCH	--	1,472	4.649	4.649	68,453	5.216	76,801	8,348
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			1,472	4.649	4.649	68,453	5.216	76,801	8,348
Oct-21	ECONPURCH	--	2,213	4.087	4.087	90,445	4.585	101,478	11,033
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			2,213	4.087	4.087	90,445	4.585	101,478	11,033
Nov-21	ECONPURCH	--	3,935	3.705	3.705	145,770	4.156	163,546	17,776
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			3,935	3.705	3.705	145,770	4.156	163,546	17,776
Dec-21	ECONPURCH	--	4,111	3.563	3.563	146,484	3.998	164,351	17,867
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			4,111	3.563	3.563	146,484	3.998	164,351	17,867
Jan-21 THRU Dec-21	ECONPURCH	--	38,203	4.029	4.029	1,539,353	4.521	1,727,058	187,705
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			38,203	4.029	4.029	1,539,353	4.521	1,727,058	187,705

Duke Energy Florida, LLC
Fuel and Purchased Power Cost Recovery Clause
Residential Bill Comparison

	Current	Requested	Difference	
	Sep-Dec - 2020 (\$/1000 kWh)	Jan-2021 ¹ (\$/1000 kWh)	\$	%
Base Rate ¹	\$72.30	\$74.11	\$1.81	2.50%
Fuel Cost Recovery	30.67	28.11	(2.56)	-8.35%
Capacity Cost Recovery (CCR)	12.00	14.05	2.05	17.08%
Energy Conservation Cost Recovery (ECCR)	3.39	3.38	(0.01)	-0.29%
Environmental Cost Recovery (ECRC)	0.79	0.99	0.20	25.32%
Storm Protection Plan Cost Recovery Charge (SPPCRC)	0.00	0.31	0.31	100.00%
Interim Storm Charge ²	5.34	0.00	(5.34)	-100.00%
Asset Securitization Charge (ASC)	2.51	2.51	0.00	0.00%
Subtotal	127.00	123.46	(3.54)	-2.79%
Gross Receipts Tax	3.26	3.17	(0.09)	-2.76%
Total	\$130.26	\$126.63	(\$3.63)	-2.79%

¹ The January 2021 Base Rate includes proposed adjustments for the Columbia Solar Power Plant Project True-Up (SoBRA I), DeBary, Lake Placid and Trenton Solar Power Plant Projects (SoBRA II), and Multi-Year Base Rate Increase filed in Docket No. 20190072 and 20180149.

² Per Order No. PSC-2020-0058-PCO-EI, DEF is authorized to collect Hurricane Dorian and TS Nestor costs through the Interim Storm Charge beginning in March 2020 and ending the earlier of full recovery or with the last billing cycle for February 2021. Based on current estimates, DEF expects to be able to stop the charge beginning in January 2021. This could change based on changes in sales over the remainder of 2020.

Duke Energy Florida, LLC
 Fuel and Purchased Power Cost Recovery Clause
 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	15,161,530	3.094	\$ 469,097,733	2.811	\$ 426,212,683
Over 1,000 kWh	5,979,964	3.094	185,020,082	3.811	227,905,132
Total	<u>21,141,494</u>		<u>\$ 654,117,815</u>		<u>\$ 654,117,815</u>
Rate Differential by Tier - Cents per kWh				1.000	
Residential Sales:					
Total	21,141,521				
Time of Use	<u>27</u>				
Levelized	<u>21,141,494</u>				

Duke Energy Florida, LLC
Fuel and Purchased Power Cost Recovery Clause
Generating System Comparative Data by Fuel Type

	2018 Actual	2019 Actual	2020 Actual/Estimated	2021 Projection	2019 vs. 2018	2020 vs. 2019	2021 vs. 2020
FUEL COST OF SYSTEM NET GENERATION (\$)							
LIGHT OIL	22,609,544	14,226,223	10,339,922	10,891,937	-58.9%	-37.6%	5.3%
COAL	276,175,645	161,620,864	127,810,084	189,635,497	-70.9%	-26.5%	48.4%
GAS	1,023,687,201	1,055,035,576	886,739,700	994,465,901	3.0%	-19.0%	12.1%
OTHER	0	0	0	0	0.0%	0.0%	0.0%
TOTAL \$	1,322,472,390	1,230,882,664	1,024,889,706	1,194,993,335	-7.4%	-20.1%	16.6%
SYSTEM NET GENERATION (mWh)							
LIGHT OIL	90,434	52,512	27,842	45,777	-72.2%	-88.6%	64.4%
COAL	8,421,960	4,300,231	3,286,481	6,644,108	-95.8%	-30.8%	102.2%
GAS	28,686,945	35,165,359	35,955,476	32,962,583	18.4%	2.2%	-8.3%
SOLAR	25,744	214,679	760,622	1,270,597	88.0%	71.8%	67.0%
OTHER	0	0	0	0	0.0%	0.0%	0.0%
TOTAL mWh	37,225,084	39,732,780	40,030,421	40,923,065	6.3%	0.7%	2.2%
UNITS OF FUEL BURNED							
LIGHT OIL BBL	198,094	121,326	88,104	98,831	-63.3%	-37.7%	12.2%
COAL TON	3,745,945	1,976,271	1,459,784	2,964,417	-89.5%	-35.4%	103.1%
GAS MCF	222,082,583	262,546,275	264,606,132	234,613,566	15.4%	0.8%	-11.3%
OTHER	0	0	0	0	0.0%	0.0%	0.0%
BTUS BURNED (MMBTU)							
LIGHT OIL	1,141,753	698,679	465,281	575,748	-63.4%	-50.2%	23.7%
COAL	86,196,682	44,098,849	34,576,012	68,909,648	-95.5%	-27.5%	99.3%
GAS	226,705,787	268,325,594	267,832,635	234,613,566	15.5%	-0.2%	-12.4%
OTHER	0	0	0	0	0.0%	0.0%	0.0%
TOTAL MMBTU	314,044,222	313,123,122	302,873,928	304,098,962	-0.3%	-3.4%	0.4%
GENERATION MIX (% mWh)							
LIGHT OIL	0.24%	0.13%	0.07%	0.11%	-75.8%	-142.9%	0.0%
COAL	22.62%	10.82%	8.21%	16.24%	-109.0%	-31.7%	97.4%
GAS	77.06%	88.51%	89.82%	80.55%	12.9%	1.4%	-10.4%
SOLAR	0.07%	0.54%	1.90%	3.11%	92.6%	73.7%	63.2%
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							
LIGHT OIL \$/BBL	114.14	117.26	117.36	110.21	2.7%	0.1%	-6.1%
COAL \$/TON	73.73	81.78	87.55	63.97	9.8%	6.6%	-26.9%
GAS \$/MCF	4.61	4.02	3.35	4.24	-14.7%	-19.9%	26.5%
OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
FUEL COST PER MMBTU (\$/MMBTU)							
LIGHT OIL	19.80	20.36	22.22	18.92	2.8%	8.4%	-14.9%
COAL	3.20	3.67	3.70	2.75	12.6%	0.8%	-25.5%
GAS	4.52	3.93	3.31	4.24	-14.8%	-18.8%	28.0%
OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
TOTAL \$/MMBTU	4.21	3.93	3.38	3.93	-7.1%	-16.2%	16.1%
BTU BURNED PER kWh (BTU/kWh)							
LIGHT OIL	12,625	13,305	16,712	12,577	5.1%	20.4%	-24.7%
COAL	10,235	10,255	10,521	10,372	0.2%	2.5%	-1.4%
GAS	7,903	7,630	7,449	7,118	-3.6%	-2.4%	-4.4%
OTHER	0	0	0	0	0.0%	0.0%	0.0%
TOTAL BTU/kWh	8,436	7,881	7,566	7,431	-7.1%	-4.2%	-1.8%
GENERATED FUEL COST PER kWh (C/kWh)							
LIGHT OIL	25.00	27.09	37.14	23.79	7.7%	27.1%	-35.9%
COAL	3.28	3.76	3.89	2.85	12.7%	3.4%	-26.6%
GAS	3.57	3.00	2.47	3.02	-18.9%	-21.7%	22.3%
OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
TOTAL C/kWh	3.55	3.10	2.56	2.92	-14.7%	-21.0%	14.1%

Duke Energy Florida, LLC
 Fuel and Purchased Power Cost Recovery Clause
 Capital Structure and Cost Rates Applied to Capital Projects
 Estimated for the Period of : January 2021 through December 2021

	Adjusted Retail				PreTax Weighted Cost
	\$000's	Ratio	Cost Rate	Weighted Cost	Rate
Common Equity	\$ 6,641,460	43.82%	10.50%	4.60%	6.10%
Long Term Debt	5,949,953	39.26%	4.37%	1.72%	1.72%
Short Term Debt	(71,620)	-0.47%	1.80%	-0.01%	-0.01%
Customer Deposits - Active	189,295	1.25%	2.37%	0.03%	0.03%
Customer Deposits - Inactive	1,593	0.01%	0.00%	0.00%	0.00%
Deferred Tax	2,265,754	14.95%	0.00%	0.00%	0.00%
Deferred Tax (FAS 109)	-	0.00%	0.00%	0.00%	0.00%
ITC	180,082	1.19%	7.60%	0.09%	0.09%
	<u>15,156,516</u>	<u>100.00%</u>		<u>6.43%</u>	<u>7.92%</u>
			Total Debt	1.83%	1.83%
			Total Equity	4.60%	6.10%

Note> 2021 WACC complies with the Amended Unopposed Joint Motion to Modify Order No. PSC-2012-0425-PAA-UE Regarding Weighted Average Cost of Capital Methodology approved May 20, 2020 in Docket No, 20200118-EU, Order No. PSC-2020-0165-PAA-EU.

DUKE ENERGY FLORIDA, LLC
Fuel and Capacity Cost Recovery Factor
January through December 2021

PART 3 – 2021 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

	EST Jan-21	EST Feb-21	EST Mar-21	EST Apr-21	EST May-21	EST Jun-21	EST Jul-21	EST Aug-21	EST Sep-21	EST Oct-21	EST Nov-21	EST Dec-21	TOTAL
1 Base Production Level Capacity Costs													
2 Orange Cogen (ORANGE CO)	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	6,188,877	74,266,522
3 Orlando Cogen Limited (ORLACOGL)	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	6,225,933	74,711,196
4 Pasco County Resource Recovery (PASCOUNT)	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	2,284,360	27,412,320
5 Pinellas County Resource Recovery (PINCOUNT)	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	5,437,770	65,253,240
6 Polk Power Partners, L.P. (MULBERRY/ROYSTER)	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	8,498,223	101,978,670
7 Subtotal - Base Level Capacity Costs	28,635,162	28,635,162	28,635,162	28,635,162	28,635,162	28,635,162	28,635,162	28,635,162	28,635,162	28,635,162	28,635,162	28,635,162	343,621,948
8 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%	
9 Base Level Jurisdictional Capacity Costs	26,597,771	26,597,770	26,597,770	26,597,770	26,597,770	26,597,771	26,597,771	26,597,771	26,597,771	26,597,771	26,597,771	26,597,771	319,173,244
10 Intermediate Production Level Capacity Costs													
11 Southern Franklin	4,950,486	4,950,486	2,951,482	2,951,482	3,237,054	-	-	-	-	-	-	-	19,040,989
12 Schedule H Capacity Sales	-	-	-	-	-	-	-	-	-	-	-	-	-
13 Subtotal - Intermediate Level Capacity Costs	4,950,486	4,950,486	2,951,482	2,951,482	3,237,054	-	-	-	-	-	-	-	19,040,989
14 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%	
15 Intermediate Level Jurisdictional Capacity Costs	3,599,152	3,599,152	2,145,816	2,145,816	2,353,436	-	-	-	-	-	-	-	13,843,372
16 Peaking Production Level Capacity Costs													
17 Shady Hills	1,971,891	1,971,891	1,408,494	1,366,449	1,913,029	3,889,124	3,889,124	3,889,124	1,814,925	1,366,449	1,366,449	1,971,891	26,818,842
18 Vandolah (NSG)	2,811,161	2,826,948	2,025,934	2,003,380	2,732,224	5,634,444	5,617,529	5,572,423	2,666,444	1,963,912	2,009,019	2,826,948	38,690,366
19 Other	-	-	-	-	-	-	-	-	-	-	-	-	-
20 Subtotal - Peaking Level Capacity Costs	4,783,052	4,798,839	3,434,427	3,369,830	4,645,253	9,523,569	9,506,654	9,461,547	4,481,369	3,330,362	3,375,468	4,798,839	65,509,208
21 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%	
22 Peaking Level Jurisdictional Capacity Costs	4,588,095	4,603,238	3,294,440	3,232,475	4,455,913	9,135,388	9,119,162	9,075,895	4,298,708	3,194,616	3,237,884	4,603,238	62,839,052
23 Other Capacity Costs													
24 Retail Wheeling	(77,693)	(43,096)	(23,969)	(10,778)	(29,249)	(35,507)	(47,172)	(42,531)	(40,483)	(18,724)	(22,824)	(22,452)	(414,476)
25 Ridge Generating Station L.P. Termination ¹	666,245	662,777	659,309	655,842	652,374	648,906	645,438	641,971	638,503	635,035	631,568	628,100	7,766,067
26 State Corporate Income Tax Change ²	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(2,793,306)
27 CR1&2 NBV ³	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	6,716,036	80,592,431
28 SoBRA True-Up - Columbia ⁴	(133,589)	-	-	-	-	-	-	-	-	-	-	-	(133,589)
29 SoBRA True-Up - DeBary ⁴	(77,810)	-	-	-	-	-	-	-	-	-	-	-	(77,810)
30 SoBRA True-Up - Lake Placid ⁴	(213,688)	-	-	-	-	-	-	-	-	-	-	-	(213,688)
31 SoBRA True-Up - Trenton ⁴	(597,927)	-	-	-	-	-	-	-	-	-	-	-	(597,927)
32 Total Other Capacity Costs	6,048,797	7,102,942	7,118,601	7,128,324	7,106,385	7,096,660	7,081,527	7,082,701	7,081,280	7,099,572	7,092,004	7,088,909	84,127,702
33 Total Capacity Costs (line 9+15+22+32)	40,833,814	41,903,102	39,156,627	39,104,385	40,513,504	42,829,818	42,798,460	42,756,366	37,977,759	36,891,958	36,927,658	38,289,918	479,983,370
34 Actual/Estimated True-Up Provision - Jan - Dec 2020													463,084
35 Total Capacity Costs w/ True-Up													480,446,455
36 Revenue Tax Multiplier													1.00072
37 Total Recoverable Capacity Costs													480,792,376
38 ISFSI Revenue Requirement³													6,879,837
39 Revenue Tax Multiplier													1.00072
40 Total Recoverable ISFSI Costs													6,884,791
41 Total Recoverable Capacity & ISFSI Costs (line 33+40)													487,677,167

¹ Approved in Commission Order No. PSC-2018-0532-PAA-EQ.

² See Unopposed Motion for Approval of a Third Implementation Stipulation filed in Docket No. 20200001.

³ As set forth in DEF's 2017 Settlement, approved in Commission Order No. PSC-2017-0451-AS-EU.

⁴ True-up of solar project costs as filed in Docket No. 20190072 and 20180149 (Columbia) in accordance with paragraph 15g of the 2017 Settlement.

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	Southern - Franklin	Jun-16	May-21	Other	Purch	424.00
7	Schedule H Capacity - New Smyrna Beach	Nov-85	see note (1)	Other	Sale	1.00
8	Vandolah (NSG)	Jun-12	May-27	Other	Purch	655.00
9	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.

	ACT Jan-20	ACT Feb-20	ACT Mar-20	ACT Apr-20	ACT May-20	ACT Jun-20	EST Jul-20	EST Aug-20	EST Sep-20	EST Oct-20	EST Nov-20	EST Dec-20	TOTAL
1 Base Production Level Capacity Costs													
2 Orange Cogen (ORANGE CO)	5,880,980	5,893,358	5,887,169	5,887,169	5,887,169	5,887,169	5,887,169	5,887,169	5,887,169	5,887,169	5,887,169	5,887,169	70,646,031
3 Orlando Cogen Limited (ORLACOGL)	5,923,355	5,923,355	5,923,355	5,923,355	5,923,355	5,923,355	5,923,355	5,923,355	5,923,355	5,923,355	5,923,355	5,923,355	71,080,258
4 Pasco County Resource Recovery (PASCOUNT)	2,147,740	2,147,740	2,147,740	2,147,740	2,147,740	2,147,740	2,147,740	2,147,740	2,147,740	2,147,740	2,147,740	2,147,740	25,772,880
5 Pinellas County Resource Recovery (PINCOUNT)	5,112,555	5,112,555	5,112,555	5,112,555	5,112,555	5,112,555	5,112,555	5,112,555	5,112,555	5,112,555	5,112,555	5,112,555	61,350,660
6 Polk Power Partners, L.P. (MULBERRY/ROYSTER)	8,086,717	8,086,717	8,086,717	8,086,717	8,086,717	8,086,717	8,086,717	8,086,717	8,086,717	8,086,717	8,086,717	8,086,717	97,040,600
7 Subtotal - Base Level Capacity Costs	27,151,347	27,163,725	27,157,536	27,157,536	27,157,536	27,157,536	27,157,535	27,157,535	27,157,535	27,157,535	27,157,535	27,157,535	325,890,428
8 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%	
9 Base Level Jurisdictional Capacity Costs	25,219,529	25,231,025	25,225,276	25,225,276	25,225,276	25,225,277	25,225,277	25,225,277	25,225,277	25,225,277	25,225,277	25,225,277	302,703,319
10 Intermediate Production Level Capacity Costs													
11 Southern Franklin	4,016,449	5,550,785	2,815,069	2,816,679	1,738,090	4,096,953	6,653,118	6,653,118	4,939,686	2,940,682	2,940,682	3,797,398	48,958,709
12 Schedule H Capacity Sales	-	-	(32,469)	-	-	-	-	-	-	-	-	-	(32,469)
13 Subtotal - Intermediate Level Capacity Costs	4,016,449	5,550,785	2,782,600	2,816,679	1,738,090	4,096,953	6,653,118	6,653,118	4,939,686	2,940,682	2,940,682	3,797,398	48,926,240
14 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%	
15 Intermediate Level Jurisdictional Capacity Costs	2,920,079	4,035,587	2,023,034	2,047,810	1,263,645	2,978,608	4,837,016	4,837,016	3,591,300	2,137,964	2,137,964	2,760,822	35,570,845
16 Peaking Production Level Capacity Costs													
17 Shady Hills	1,973,160	1,973,160	1,973,160	802,440	1,912,680	3,911,760	3,889,124	3,889,124	1,814,925	1,366,449	1,366,449	1,971,891	26,844,323
18 Vandolah (NSG)	2,939,299	2,876,217	1,958,481	1,943,807	2,807,348	5,839,892	5,617,529	5,572,423	2,666,444	1,963,912	2,009,019	2,826,948	39,021,320
19 Other	-	-	-	-	-	-	-	-	-	-	-	-	-
20 Subtotal - Peaking Level Capacity Costs	4,912,459	4,849,377	3,931,641	2,746,247	4,720,028	9,751,652	9,506,654	9,461,547	4,481,369	3,330,362	3,375,468	4,798,839	65,865,643
21 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%	
22 Peaking Level Jurisdictional Capacity Costs	4,712,227	4,651,717	3,771,387	2,634,310	4,527,640	9,354,175	9,119,162	9,075,895	4,298,708	3,194,616	3,237,884	4,603,238	63,180,959
23 Other Capacity Costs													
24 Retail Wheeling	(10,726)	(9,947)	-	(17,012)	(2,126)	(837)	(40,983)	(45,545)	(38,603)	(15,942)	(15,280)	(41,558)	(238,559)
25 Ridge Generating Station L.P. Termination ¹	708,094	704,621	701,149	697,676	694,203	690,731	687,051	683,583	680,115	676,648	673,180	669,712	8,266,764
26 State Corporate Income Tax Change ²	-	-	(3,491,633)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(232,776)	(5,586,612)
27 Total Other Capacity Costs	697,369	694,674	(2,790,484)	447,888	459,301	457,118	413,292	405,262	408,737	427,930	425,124	395,379	2,441,593
28 Total Capacity Costs (line 9+15+22+27)	33,549,204	34,613,003	28,229,213	30,355,284	31,475,861	38,015,179	39,594,748	39,543,450	33,524,022	30,985,786	31,026,249	32,984,716	403,896,715
29 ISFSI Revenue Requirement³	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	573,320	6,879,837
30 Total Recoverable Capacity & ISFSI Costs (line 28+29)	34,122,523	35,186,323	28,802,534	30,928,605	32,049,181	38,588,498	40,168,068	40,116,770	34,097,342	31,559,106	31,599,569	33,558,036	410,776,553
31 Capacity Revenues													
32 Capacity Cost Recovery Revenues (net of tax)	27,694,435	28,661,108	29,875,620	34,161,020	32,020,716	36,912,727	41,235,583	41,983,900	40,977,417	37,057,076	29,549,322	29,176,204	409,305,128
33 Prior Period True-Up Provision Over/(Under) Recovery	154,042	154,042	154,042	154,042	154,042	154,042	154,042	154,042	154,042	154,042	154,042	154,042	1,848,509
34 Current Period Revenues (net of tax)	27,848,477	28,815,151	30,029,662	34,315,063	32,174,759	37,066,769	41,389,626	42,137,943	41,131,459	37,211,119	29,703,365	29,330,246	411,153,637
35 True-Up Provision													
36 True-Up Provision - Over/(Under) Recov (Line 34-30)	(6,274,046)	(6,371,172)	1,227,128	3,386,458	125,578	(1,521,729)	1,221,558	2,021,173	7,034,117	5,652,012	(1,896,204)	(4,227,790)	377,083
37 Interest Provision for the Month	(2,912)	(11,495)	(17,867)	(8,783)	(459)	(680)	(331)	(256)	19	239	157	(19)	(42,389)
38 Current Cycle Balance - Over/(Under)	(6,276,958)	(12,659,626)	(11,450,367)	(8,072,693)	(7,947,575)	(9,469,984)	(8,248,757)	(6,227,840)	806,295	6,458,546	4,562,499	334,694	334,694
39 Prior Period Balance - Over/(Under) Recovered	1,050,730	1,050,730	1,050,730	1,050,730	1,050,730	1,050,730	1,050,730	1,050,730	1,050,730	1,050,730	1,050,730	1,050,730	1,050,730
40 Prior Period Cumulative True-Up Collected/(Refunded)	(154,042)	(308,085)	(462,127)	(616,170)	(770,212)	(924,255)	(1,078,297)	(1,232,339)	(1,386,382)	(1,540,424)	(1,694,467)	(1,848,509)	(1,848,509)
41 Prior Period True-up Balance - Over/(Under)	896,686	742,643	588,601	434,559	280,516	126,474	(27,567)	(181,609)	(335,651)	(489,694)	(643,736)	(797,779)	(797,779)
42 Net Capacity True-up Over/(Under) (Line 38+41)	(\$5,380,272)	(\$11,916,982)	(\$10,861,764)	(\$7,638,133)	(\$7,667,056)	(\$9,343,508)	(\$8,276,324)	(\$6,409,449)	\$470,644	\$5,968,852	\$3,918,763	(\$463,084)	(\$463,084)

¹ Approved in Commission Order No. PSC-2018-0532-PAA-EQ.

² See Third Implementation Stipulation attached as Appendix A to the Petition for the 2020 Actual/Estimated TU in Docket 20200001.

³ Approved in Commission Order No. PSC-2016-0425-PAA-EI.

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												0.31%
RS-1, RST-1, RSL-1, RSL-2, RSS-1												
Secondary	0.548	21,141,521	4,405.75	0.9307248	22,715,115	4,733.68	2,593.05	53.677%	61.440%	60.843%	1,428,419	4,418
General Service Non-Demand												
GS-1, GST-1												
Secondary	0.576	2,057,599	408.02	0.9307248	2,210,749	438.39	252.37	5.224%	5.690%	5.654%		
Primary	0.576	14,043	2.78	0.9736607	14,423	2.86	1.65	0.034%	0.037%	0.037%		
Transmission	0.576	2,593	0.51	0.9836607	2,636	0.52	0.30	0.006%	0.007%	0.007%		
								5.264%	5.734%	5.698%	143,143	443
General Service												
GS-2												
Secondary	1.000	194,563	22.21	0.9307248	209,044	23.86	23.86	0.494%	0.310%	0.324%	5,240	16
General Service Demand												
GSD-1, GSDT-1												
Secondary	0.742	10,950,999	1,683.92	0.9307248	11,766,098	1,809.26	1,343.16	27.804%	23.483%	23.815%		
Transm Del/ Primary Mtr	0.742	0	0.00	0.9736607	0	0.00	0.00	0.000%	0.000%	0.000%		
Sec Del/Primary Mtr	0.742	28,262	4.35	0.9736607	29,027	4.46	3.31	0.069%	0.058%	0.059%		
Primary	0.742	2,001,891	307.83	0.9736607	2,056,046	316.16	234.71	4.859%	4.104%	4.162%		
Transmission	0.742	103,104	15.85	0.9836607	104,817	16.12	11.97	0.248%	0.209%	0.212%		
SS-1												
Primary	0.796	36,645	5.26	0.9736607	37,636	5.40	4.30	0.089%	0.070%	0.072%		
Transm Del/ Primary Mtr	0.796	1,821	0.26	0.9736607	1,870	0.27	0.21	0.004%	0.003%	0.004%		
Transmission	0.796	5,412	0.78	0.9836607	5,502	0.79	0.63	0.013%	0.010%	0.010%		
								33.085%	27.938%	28.334%	564,272	1,745
Curtable												
CS-1, CST-1, CS-2, CST-2, SS-3												
Primary	1.082	61,840	6.52	0.9736607	63,513	6.70	7.25	0.150%	0.087%	0.092%		
SS-3												
Primary	1.248	68,295	6.25	0.9736607	70,142	6.42	8.01	0.166%	0.083%	0.090%		
								0.316%	0.170%	0.181%	5,729	18
Interruptible												
IS-1, IST-1, IS-2, IST-2												
Secondary	0.911	445,099	55.76	0.9307248	478,228	59.91	54.59	1.130%	0.778%	0.805%		
Sec Del/Primary Mtr	0.911	5,866	0.73	0.9736607	6,025	0.75	0.69	0.014%	0.010%	0.010%		
Primary Del / Primary Mtr	0.911	1,226,102	153.60	0.9736607	1,259,270	157.75	143.75	2.976%	2.048%	2.119%		
Primary Del / Transm Mtr	0.911	301	0.04	0.9836607	306	0.04	0.03	0.001%	0.000%	0.001%		
Transm Del/ Primary Mtr	0.911	369,971	46.35	0.9736607	379,979	47.60	43.38	0.898%	0.618%	0.639%		
Transm Del/ Transm Mtr	0.911	459,412	57.55	0.9836607	467,043	58.51	53.32	1.104%	0.759%	0.786%		
SS-2												
Primary	0.686	14,726	2.45	0.9736607	15,124	2.52	1.73	0.036%	0.033%	0.033%		
Transm Del/ Primary Mtr	0.686	45,318	7.54	0.9736607	46,544	7.75	5.31	0.110%	0.101%	0.101%		
Transmission	0.686	3,450	0.57	0.9836607	3,507	0.58	0.40	0.008%	0.008%	0.008%		
								6.276%	4.353%	4.501%	69,192	214
Lighting												
LS-1 (Secondary)	10.191	349,344	3.91	0.9307248	375,347	4.20	42.85	0.887%	0.055%	0.119%	9,970	31
Total		39,588,176	7,198.81		42,317,991	7,704.50	4,830.82	100.000%	100.000%	100.000%	2,225,967	6,885

Notes:

(1) Average 12CP load factor based on load research study filed July 31, 2018 (FPSC rule 25-6.0437 (7))	(7) Calculated: Column 5 / 8,760 hours
(2) Projected mWh sales for the period Jan-Dec 2021	(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 2019	(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 2021
(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) Capacity + ISFSI Production Demand Costs (\$)	(6) Capacity CCR Factor (c/kWh)	(7) ISFSI CCR Factor (c/kWh)	(8) Capacity + ISFSI CCR Factor (c/kWh)	(9) Billing KW Load Factor (%)	(10) Projected Effective KW at Meter Level (kW)	(11) Capacity CCR Factor (\$/kW-mo)	(12) ISFSI CCR Factor (\$/kW-mo)	(13) Capacity + ISFSI CCR Factor (\$/kW-mo)
Residential													
RS-1, RST-1, RSL-1, RSL-2, RSS-1													
Secondary	60.843%	21,141,521	\$292,529,807	\$4,418,021	\$296,947,828	1.384	0.021	1.405					
General Service Non-Demand													
GS-1, GST-1													
Secondary		2,057,599				1.321	0.021	1.342					
Primary		13,903				1.308	0.021	1.329					
Transmission		2,541				1.295	0.021	1.315					
TOTAL GS	5.698%	2,074,042	27,394,899	442,734	27,837,634								
General Service													
GS-2													
Secondary	0.324%	194,563	1,557,324	16,208	1,573,532	0.800	0.008	0.808					
General Service Demand													
GSD-1, GSDT-1, SS-1													
Secondary		10,950,999									4.15	0.05	4.20
Primary		2,047,933									4.11	0.05	4.16
Transmission		106,346									4.07	0.05	4.12
TOTAL GSD	28.334%	13,105,277	136,225,441	1,745,262	137,970,703				54.71%	32,811,189			
Curtable													
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3													
Secondary		-									1.19	0.02	1.22
Primary		128,834									1.18	0.02	1.21
Transmission		-									1.17	0.02	1.20
TOTAL CS	0.181%	128,834	872,348	17,719	890,067				24.10%	732,258			
Interruptible													
IS-1, IST-1, IS-2, IST-2, SS-2													
Secondary		445,099									3.47	0.03	3.50
Primary		1,645,363									3.44	0.03	3.47
Transmission		453,900									3.40	0.03	3.43
TOTAL IS	4.501%	2,544,362	21,642,327	214,008	21,856,336				55.84%	6,242,183			
Lighting													
LS-1													
Secondary	0.119%	349,344	570,230	30,838	601,068	0.163	0.009	0.172					
Total	100.000%	39,537,943	\$480,792,376	\$6,884,791	\$487,677,167	1.216	0.017	1.233					

Notes:

- | | |
|---|--|
| (1) From Schedule E12-D, Column 10 | (8) Column 6 + Column 7 |
| (2) Projected mWh sales at effective voltage level for Jan-Dec 2021 | (9) Class Billing kW Load Factor |
| (3) Column 1 x Total Recoverable Capacity Costs (Schedule E12-A) | (10) Column 2 x 1000 / 8,760 / Column 9 x 12 |
| (4) From Schedule E12-D, Column 12 | (11) Column 3 / Column 10 |
| (5) Column 3 + Column 4 | (12) Column 4 / Column 10 |
| (6) (Column 3 / Column 2) / 10 | (13) Column 5 / Column 10 |
| (7) (Column 4 / Column 2) / 10 | |

**IN RE: PETITION ON BEHALF OF DUKE ENERGY FLORIDA
FOR
FUEL AND CAPACITY COST RECOVERY
FINAL TRUE-UP FOR THE PERIOD
JANUARY THROUGH DECEMBER 2019**

FPSC DOCKET NO. 20200001-EI

**GPIF TARGETS AND RANGES FOR
JANUARY THROUGH DECEMBER 2021**

**DIRECT TESTIMONY OF
MARY INGLE LEWTER**

September 3, 2020

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

2 A. My name is M. Ingle Lewter. My business address is 526 South Church Street, Charlotte,
3 North Carolina 28202.
4

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

6 A. I am employed by Duke Energy Indiana, LLC (“DEI”) as Manager of Fuels and Fleet
7 Analytics for Fuels and Systems Optimization. DEI and Duke Energy Florida, LLC
8 (“DEF” or “Company”) are both wholly-owned subsidiaries of Duke Energy Corporation
9 (“Duke Energy”).
10

11 **Q. What are your responsibilities in that position?**

12 A. As Manager of Fuels and Fleet Analytics for Fuels and Systems Optimization, I oversee
13 the analysis and modeling of energy portfolios for Duke Energy Corporation’s regulated
14 utility subsidiaries, including Duke Energy Florida, LLC (“DEF” or “Company”), as well
15 as Duke Energy Carolinas (“DEC”), Duke Energy Progress, LLC (“DEP”), DEI, and Duke

1 Energy Kentucky, Inc ("DEK"). My responsibilities include oversight of planning and
2 coordination associated with economic system operations, including production cost
3 modeling, outage coordination, dispatch pricing, fuel burn forecasting, position analysis,
4 and commodities analytics.

5
6 **Q. Please describe your educational background and professional experience.**

7 A. I earned a Bachelor of Science in Statistics from North Carolina State University in 1995.
8 I have worked with Progress Energy (Carolina Power & Light) and Duke Energy combined
9 since graduating from North Carolina State University in 1995. I started with Carolina
10 Power & Light (CP&L) in the customer service area and then moved into payroll services
11 in 1997. In 1999, I joined the Bulk Power Marketing Department as a Business Analyst
12 and was responsible for data analysis, including load forecast metrics, external market
13 tracking and unit commitment modeling. In 2000, I took the role of Power Scheduler and
14 was responsible for scheduling, confirming and tagging all short-term physical power
15 transactions. In 2005, I was promoted to Portfolio Analyst in the Portfolio Management
16 group. In this role, I was responsible for the short-term seven-day unit commitment plan
17 for Progress Energy Florida, which included load forecast development, generation
18 scheduling, unit commitment and the fuel burn forecast. In 2008, I moved from the short-
19 term seven-day unit commitment responsibilities to the mid-term forecasting role and was
20 promoted to Senior Portfolio Analyst. In 2012, I was promoted to Lead Fuels & Fleet
21 Analyst when Progress Energy merged with Duke Energy. In these roles, I was responsible
22 for the 5-year mid-term forecast for Duke Energy Carolinas and Duke Energy Midwest
23 utilities, which are utilized for fuel planning, regulatory fuel filings, and budget

1 development. In December 2019, I became the Manager of Fuels & Fleet Analytics, which
2 is responsible for the mid-term forecast for all Duke Energy Jurisdictions (DEC, DEP, DEI,
3 DEK, and DEF).

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

6 A. The purpose of my testimony is to provide a recap of actual reward / penalty for the period
7 of January through December 2019, and outline the development of the Company's
8 Generating Performance Incentive Factor ("GPIF") targets and ranges for the period
9 January through December 2021. These GPIF targets and ranges have been developed
10 from individual unit equivalent availability, average net operating heat rate targets, and
11 improvement/degradation ranges for each of the Company's GPIF generating units, in
12 accordance with the Commission's GPIF Implementation Manual.

13
14 **Q. What GPIF incentive amount was calculated and reported in your March 16, 2020
15 testimony for the period January through December 2019?**

16 A. DEF's calculated GPIF incentive amount for this period was a reward of \$4,407,712.
17 Please refer to my testimony filed March 16, 2020 for the details of how this incentive
18 amount was calculated.

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

21 A. No.

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

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

7
8 **Q. Which of the Company's generating units have you included in the GPIF program
9 for the upcoming projection period?**

10 A. For the 2021 projection period, the GPIF program includes the following units: Bartow
11 Unit 4, Crystal River Unit 4, Crystal River Unit 5, and Hines Units 1 through 4. Combined,
12 these units account for 85% of the estimated total system net generation for the period,
13 excluding Citrus CC units. Citrus CC Units 1 and 2 were not included for the upcoming
14 projection period since they do not meet the inclusion of performance history to use in
15 setting targets and ranges for these units.

16
17 **Q. Have you determined the equivalent availability targets and
18 improvement/degradation ranges for the Company's GPIF units?**

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

1 **Q. How were the equivalent availability targets developed?**

2 A. The equivalent availability targets were developed using the methodology established for
3 the Company's GPIF units, as set forth in Section 4 of the GPIF Implementation Manual.
4 This includes the formulation of graphs based on each unit's historic performance data for
5 the four individual unplanned outage rates (i.e., forced, partial forced, maintenance, and
6 partial maintenance outage rates), which in combination constitute the unit's equivalent
7 unplanned outage rate ("EUOR"). From operational data and these graphs, the individual
8 target rates are determined through a review of three years of monthly data points. The
9 unit's four target rates are then used to calculate its unplanned outage hours for the
10 projection period. When the unit's projected planned outage hours are taken into account,
11 the hours calculated from these individual unplanned outage rates can then be converted
12 into an overall equivalent unplanned outage factor ("EUOF"). Because factors are additive
13 (unlike rates), the EUOF and planned outage factor ("POF") when added to the equivalent
14 availability factor ("EAF") will always equal 100%. For example, an EUOF of 15% and
15 POF of 10% results in an EAF of 75%. The supporting tables and graphs for the target and
16 range rates are contained in pages 41-76 of my exhibit in the section entitled "Unplanned
17 Outage Rate Tables and Graphs."

18
19 **Q. Please describe the methodology utilized to develop the improvement/degradation**
20 **ranges for each GPIF unit's availability targets?**

21 A. The methodology described in the GPIF Implementation Manual was used. Ranges were
22 first established for each of the four unplanned outage rates associated with each unit. From
23 an analysis of the unplanned outage graphs, units with small historical variations in outage

1 rates were assigned narrow ranges and units with large variations were assigned wider
2 ranges. These individual ranges, expressed in term of rates, were then converted into a
3 single unit availability range, expressed in terms of a factor, using the same procedure
4 described above for converting the availability targets from rates to factors.

5
6 **Q. Were adjustments made to historical unit availability to account for significant**
7 **anomalies in historical performance?**

8 A. No.

9
10 **Q. Have you determined the net operating heat rate targets and ranges for the**
11 **Company's GPIF units?**

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

14
15 **Q. How were these heat rate targets and ranges developed?**

16 A. The development of the heat rate targets and ranges for the upcoming period utilized
17 historical data from the past three years, as described in the GPIF Implementation Manual.
18 A "least squares" procedure was used to curve-fit the heat rate data to a linear relationship
19 with Net Operating Factor (NOF), and ranges at a 90% confidence level were also
20 established assuming a normal distribution. The analyses and data plots used to develop
21 the heat rate targets and ranges for each of the GPIF units are contained in pages 26-40 of
22 my exhibit in the section entitled "Average Net Operating Heat Rate Curves."
23

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

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

9
10 **Q. How were the GPIF weighting factors determined?**

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

19
20 **Q. What was the basis for determining the estimated maximum incentive amount?**

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

1
2
3
4
5
6
7

Q. What is the Company's estimated maximum incentive amount for 2021?

A. The estimated maximum incentive for the Company is \$12,512,937. The calculation of the estimated maximum incentive is shown on page 3 of my Exhibit No. ____ (MIL-1P).

Q. Does this conclude your testimony?

A. Yes.

GPIF Targets and Ranges for January through December 2021

STANDARD FORM GPIF SCHEDULES

<u>Description</u>	<u>Page</u>
Index	1
Reward/Penalty Table (Estimated)	2
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GENERATING PERFORMANCE INCENTIVE FACTOR

REWARD/PENALTY TABLE

ESTIMATED

Duke Energy Florida
Period of: January 2021 - December 2021

Generating Performance Incentive Points (GPIF)	Fuel Saving/Loss (\$)	Generating Performance Incentive Factor (\$)
-----	-----	-----
10	\$25,025,874	\$12,512,937
9	\$22,523,286	\$11,261,643
8	\$20,020,699	\$10,010,350
7	\$17,518,112	\$8,759,056
6	\$15,015,524	\$7,507,762
5	\$12,512,937	\$6,256,468
4	\$10,010,350	\$5,005,175
3	\$7,507,762	\$3,753,881
2	\$5,005,175	\$2,502,587
1	\$2,502,587	\$1,251,294
0	\$0	\$0
-1	(\$2,867,156)	(\$1,251,294)
-2	(\$5,734,311)	(\$2,502,587)
-3	(\$8,601,467)	(\$3,753,881)
-4	(\$11,468,622)	(\$5,005,175)
-5	(\$14,335,778)	(\$6,256,468)
-6	(\$17,202,933)	(\$7,507,762)
-7	(\$20,070,089)	(\$8,759,056)
-8	(\$22,937,244)	(\$10,010,350)
-9	(\$25,804,400)	(\$11,261,643)
-10	(\$28,671,556)	(\$12,512,937)

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GENERATION PERFORMANCE INCENTIVE FACTOR
CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

ESTIMATED

Duke Energy Florida
Period of: January 2021 - December 2021

1	Beginning of period balance of common equity	\$7,519,034,859	
	END OF MONTH BALANCE OF COMMON EQUITY:		
2	Month of JANUARY 2021	\$7,567,768,220	
3	Month of FEBRUARY 2021	\$7,606,722,199	
4	Month of MARCH 2021	\$7,651,606,938	
5	Month of APRIL 2021	\$7,692,681,425	
6	Month of MAY 2021	\$7,762,480,446	
7	Month of JUNE 2021	\$7,871,904,478	
8	Month of JULY 2021	\$7,968,310,785	
9	Month of AUGUST 2021	\$8,064,213,392	
10	Month of SEPTEMBER 2021	\$8,148,549,358	
11	Month of OCTOBER 2021	\$8,210,138,862	
12	Month of NOVEMBER 2021	\$8,243,678,659	
13	Month of DECEMBER 2021	\$8,279,568,269	
14	Average common equity for the period (Summation of LINE 1 through LINE 13 divided by 13)	\$7,891,281,376	
15	25 Basis Points	0.0025	
16	Revenue Expansion Factor	75.2740%	
17	Maximum allowed incentive dollars (LINE 14 times LINE 15 divided by LINE 16)	\$26,208,523	
18	Jurisdictional Sales	39,588,176	MWH
19	Total Sales	39,605,188	MWH
20	Jurisdictional Separation Factor (LINE 18 divided by LINE 19)	99.96%	
21	Maximum allowed jurisdictional incentive dollars (LINE 17 times LINE 20)	\$26,198,039	
22	Incentive Cap (50% of Projected Fuel Savings at 10 GPIF Point Level) From Sheet No. 7.101.1	\$12,512,937	
23	Maximum Allowed GPIF Reward (Lesser of Line 21 and Line 22)	\$12,512,937	

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GPIF TARGET AND RANGE SUMMARY

Duke Energy Florida
Period of: January 2021 - December 2021

Plant/Unit	Weighting Factor (%)	EAF Target (%)	EAF RANGE		Max. Fuel Savings (\$000)	Max. Fuel Loss (\$000)
			Max. (%)	Min. (%)		
Bartow 4	2.09	91.05	93.10	86.85	523	(656)
Crystal River 4	8.74	86.11	92.55	73.41	2,187	(3,743)
Crystal River 5	6.50	81.01	86.28	70.54	1,626	(2,954)
Hines 1	0.77	84.13	85.91	80.55	193	(643)
Hines 2	0.16	94.71	95.40	93.30	41	(222)
Hines 3	0.80	73.66	74.45	72.02	201	(148)
Hines 4	1.27	93.68	94.85	91.21	317	(367)
GPIF System	20.33				5,087	(8,733)

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	17.65	7,705	75.1	7,461	7,950	4,418	(4,418)
Crystal River 4	23.32	10,299	69.3	9,714	10,885	5,836	(5,836)
Crystal River 5	20.20	10,434	60.5	9,810	11,058	5,056	(5,056)
Hines 1	2.48	7,470	80.8	7,341	7,599	621	(621)
Hines 2	4.69	7,402	86.3	7,204	7,599	1,173	(1,173)
Hines 3	4.84	7,174	85.9	6,974	7,373	1,210	(1,210)
Hines 4	6.49	6,999	89.1	6,824	7,173	1,625	(1,625)
GPIF System	79.67					19,938	(19,938)

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

Duke Energy Florida
Period of: January 2021 - December 2021

Plant/Unit	Target	Norm.	Target			Actual Performance			Actual Performance		
	Wt. Factor	Wt. Factor	POF	EUOF	EUOR	1st Prior Period Jan-Jun 2020			2nd Prior Period Jan-Dec 2019		
Bartow 4	2.09	10.28	4.59	4.36	4.36	2.73	2.15	2.42	16.42	1.89	2.39
Crystal River 4	8.74	42.99	0.00	13.89	14.50	46.27	4.04	23.08	5.75	8.41	11.12
Crystal River 5	6.50	31.95	7.67	11.32	12.65	0.00	5.74	12.02	27.65	13.16	22.61
Hines 1	0.77	3.79	12.05	3.82	6.57	0.00	10.99	12.97	6.29	6.62	7.87
Hines 2	0.16	0.80	3.84	1.45	2.39	27.70	7.10	10.52	3.78	0.22	0.25
Hines 3	0.80	3.96	24.66	1.68	2.80	0.00	4.03	4.74	6.31	0.85	1.06
Hines 4	1.27	6.23	3.84	2.49	2.77	0.00	2.14	2.28	9.31	3.38	3.93
GPIF System Wghtd. Avg.	20.33	100.00	4.63	10.41	11.27	20.39	4.56	14.91	14.09	8.51	12.84

Plant/Unit	Actual Performance			Actual Performance			Actual Performance		
	3rd Prior Period Jan-Dec 2018			4th Prior Period Jan-Dec 2017			5th Prior Period Jan-Dec 2016		
	POF	EUOF	EUOR	POF	EUOF	EUOR	POF	EUOF	EUOR
Bartow 4	1.86	6.00	6.33	1.43	10.97	11.43	10.34	8.02	9.11
Crystal River 4	12.23	6.20	7.73	0.00	16.97	16.97	8.44	5.70	6.23
Crystal River 5	4.01	8.92	9.30	19.56	5.13	6.37	2.07	5.56	5.76
Hines 1	6.68	3.56	4.23	7.71	3.08	3.57	10.11	1.78	2.02
Hines 2	5.03	1.52	1.78	7.93	0.61	0.74	8.73	3.81	4.43
Hines 3	8.59	0.90	1.10	7.18	4.93	5.68	15.10	1.79	2.17
Hines 4	6.71	1.28	1.51	9.04	2.01	2.34	7.75	26.15	28.61
GPIF System Wghtd. Avg.	7.78	6.40	7.26	7.60	10.50	11.02	6.89	6.85	7.44

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

Duke Energy Florida
Period of: January 2021 - December 2021

Plant/Unit	Target Wt. Factor	Norm. Wt. Factor	Average Heat Rate Target	1st Prior HR Jan 2019 - Dec 2019	2nd Prior HR Jan 2018 - Dec 2018	3rd Prior HR Jan 2017 - Dec 2017
Bartow 4	17.65	22.16	7,705	7,724	7,698	7,792
Crystal River 4	23.32	29.27	10,299	10,160	10,234	10,456
Crystal River 5	20.20	25.36	10,434	10,206	10,445	10,505
Hines 1	2.48	3.11	7,470	7,445	7,488	7,368
Hines 2	4.69	5.88	7,402	7,406	7,377	7,396
Hines 3	4.84	6.07	7,174	7,179	7,232	7,094
Hines 4	6.49	8.15	6,999	6,986	6,985	7,028
			-	-	-	-
			-	-	-	-
			-	-	-	-
			-	-	-	-
			-	-	-	-
GPIF System Weighted Avg.	79.67	100.00	9,041	8,946	9,025	9,119

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DERIVATION OF WEIGHTING FACTORS

Duke Energy Florida
Period of: January 2021 - December 2021

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	1,742,756	1,742,233	523	2.09
Bartow 4 HR	1,742,756	1,738,338	4,418	17.65
Crystal River 4 EAF	1,742,756	1,740,569	2,187	8.74
Crystal River 4 HR	1,742,756	1,736,920	5,836	23.32
Crystal River 5 EAF	1,742,756	1,741,131	1,626	6.50
Crystal River 5 HR	1,742,756	1,737,700	5,056	20.20
Hines 1 EAF	1,742,756	1,742,563	193	0.77
Hines 1 HR	1,742,756	1,742,135	621	2.48
Hines 2 EAF	1,742,756	1,742,716	41	0.16
Hines 2 HR	1,742,756	1,741,583	1,173	4.69
Hines 3 EAF	1,742,756	1,742,555	201	0.80
Hines 3 HR	1,742,756	1,741,546	1,210	4.84
Hines 4 EAF	1,742,756	1,742,439	317	1.27
Hines 4 HR	1,742,756	1,741,131	1,625	6.49

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

Original Sheet No. 7.106.1

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida

Period of: January 2021 - December 2021

Bartow 4

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
10	\$522,961	93.10	10	\$4,417,564	7,460.6
9	\$470,665	92.90	9	\$3,975,807	7,477.6
8	\$418,369	92.69	8	\$3,534,051	7,494.5
7	\$366,073	92.49	7	\$3,092,294	7,511.5
6	\$313,777	92.28	6	\$2,650,538	7,528.5
5	\$261,481	92.08	5	\$2,208,782	7,545.5
4	\$209,184	91.87	4	\$1,767,025	7,562.5
3	\$156,888	91.67	3	\$1,325,269	7,579.5
2	\$104,592	91.46	2	\$883,513	7,596.5
1	\$52,296	91.26	1	\$441,756	7,613.5
					7,630.5
0	\$0	91.05	0	\$0	7,705.5
					7,780.5
-1	(\$65,645)	90.63	-1	(\$441,756)	7,797.5
-2	(\$131,290)	90.21	-2	(\$883,513)	7,814.5
-3	(\$196,935)	89.79	-3	(\$1,325,269)	7,831.5
-4	(\$262,580)	89.37	-4	(\$1,767,025)	7,848.5
-5	(\$328,225)	88.95	-5	(\$2,208,782)	7,865.4
-6	(\$393,870)	88.53	-6	(\$2,650,538)	7,882.4
-7	(\$459,515)	88.11	-7	(\$3,092,294)	7,899.4
-8	(\$525,160)	87.69	-8	(\$3,534,051)	7,916.4
-9	(\$590,805)	87.27	-9	(\$3,975,807)	7,933.4
-10	(\$656,450)	86.85	-10	(\$4,417,564)	7,950.4

Equivalent Availability
Weighting Factor:

2.09%

Heat Rate
Weighting Factor:

17.65%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida

Period of: January 2021 - December 2021

Crystal River 4

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
10	\$2,187,129	92.55	10	\$5,835,797	9,714.1
9	\$1,968,416	91.90	9	\$5,252,217	9,765.1
8	\$1,749,703	91.26	8	\$4,668,638	9,816.1
7	\$1,530,990	90.62	7	\$4,085,058	9,867.1
6	\$1,312,277	89.97	6	\$3,501,478	9,918.2
5	\$1,093,564	89.33	5	\$2,917,899	9,969.2
4	\$874,851	88.69	4	\$2,334,319	10,020.2
3	\$656,139	88.04	3	\$1,750,739	10,071.2
2	\$437,426	87.40	2	\$1,167,159	10,122.3
1	\$218,713	86.76	1	\$583,580	10,173.3
					10,224.3
0	\$0	86.11	0	\$0	10,299.3
					10,374.3
-1	(\$374,281)	84.84	-1	(\$583,580)	10,425.4
-2	(\$748,561)	83.57	-2	(\$1,167,159)	10,476.4
-3	(\$1,122,842)	82.30	-3	(\$1,750,739)	10,527.4
-4	(\$1,497,122)	81.03	-4	(\$2,334,319)	10,578.4
-5	(\$1,871,403)	79.76	-5	(\$2,917,899)	10,629.5
-6	(\$2,245,684)	78.49	-6	(\$3,501,478)	10,680.5
-7	(\$2,619,964)	77.22	-7	(\$4,085,058)	10,731.5
-8	(\$2,994,245)	75.95	-8	(\$4,668,638)	10,782.5
-9	(\$3,368,525)	74.68	-9	(\$5,252,217)	10,833.6
-10	(\$3,742,806)	73.41	-10	(\$5,835,797)	10,884.6

Equivalent Availability
Weighting Factor:

8.74%

Heat Rate
Weighting Factor:

23.32%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida

Period of: January 2021 - December 2021

Crystal River 5

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
10	\$1,625,520	86.28	10	\$5,055,932	9,810.2
9	\$1,462,968	85.75	9	\$4,550,339	9,865.1
8	\$1,300,416	85.22	8	\$4,044,746	9,919.9
7	\$1,137,864	84.70	7	\$3,539,152	9,974.8
6	\$975,312	84.17	6	\$3,033,559	10,029.7
5	\$812,760	83.64	5	\$2,527,966	10,084.5
4	\$650,208	83.12	4	\$2,022,373	10,139.4
3	\$487,656	82.59	3	\$1,516,780	10,194.3
2	\$325,104	82.07	2	\$1,011,186	10,249.1
1	\$162,552	81.54	1	\$505,593	10,304.0
					10,358.9
0	\$0	81.01	0	\$0	10,433.9
					10,508.9
-1	(\$295,406)	79.97	-1	(\$505,593)	10,563.7
-2	(\$590,812)	78.92	-2	(\$1,011,186)	10,618.6
-3	(\$886,217)	77.87	-3	(\$1,516,780)	10,673.5
-4	(\$1,181,623)	76.82	-4	(\$2,022,373)	10,728.3
-5	(\$1,477,029)	75.77	-5	(\$2,527,966)	10,783.2
-6	(\$1,772,435)	74.73	-6	(\$3,033,559)	10,838.1
-7	(\$2,067,841)	73.68	-7	(\$3,539,152)	10,892.9
-8	(\$2,363,246)	72.63	-8	(\$4,044,746)	10,947.8
-9	(\$2,658,652)	71.58	-9	(\$4,550,339)	11,002.7
-10	(\$2,954,058)	70.54	-10	(\$5,055,932)	11,057.5

Equivalent Availability
Weighting Factor:

6.50%

Heat Rate
Weighting Factor:

20.20%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Period of: January 2021 - December 2021

Hines 1

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
10	\$192,952	85.91	10	\$620,607	7,340.5
9	\$173,657	85.73	9	\$558,547	7,346.0
8	\$154,362	85.55	8	\$496,486	7,351.4
7	\$135,066	85.38	7	\$434,425	7,356.9
6	\$115,771	85.20	6	\$372,364	7,362.3
5	\$96,476	85.02	5	\$310,304	7,367.8
4	\$77,181	84.84	4	\$248,243	7,373.2
3	\$57,886	84.66	3	\$186,182	7,378.6
2	\$38,590	84.48	2	\$124,121	7,384.1
1	\$19,295	84.31	1	\$62,061	7,389.5
					7,395.0
0	\$0	84.13	0	\$0	7,470.0
					7,545.0
-1	(\$64,260)	83.77	-1	(\$62,061)	7,550.4
-2	(\$128,520)	83.41	-2	(\$124,121)	7,555.9
-3	(\$192,780)	83.05	-3	(\$186,182)	7,561.3
-4	(\$257,040)	82.70	-4	(\$248,243)	7,566.8
-5	(\$321,300)	82.34	-5	(\$310,304)	7,572.2
-6	(\$385,560)	81.98	-6	(\$372,364)	7,577.7
-7	(\$449,820)	81.62	-7	(\$434,425)	7,583.1
-8	(\$514,080)	81.26	-8	(\$496,486)	7,588.5
-9	(\$578,340)	80.91	-9	(\$558,547)	7,594.0
-10	(\$642,600)	80.55	-10	(\$620,607)	7,599.4

Equivalent Availability
Weighting Factor:

0.77%

Heat Rate
Weighting Factor:

2.48%

Issued by: Duke Energy Florida

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida

Period of: January 2021 - December 2021

Hines 2

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
10	\$40,503	95.40	10	\$1,173,063	7,204.5
9	\$36,452	95.33	9	\$1,055,757	7,216.7
8	\$32,402	95.26	8	\$938,451	7,228.9
7	\$28,352	95.19	7	\$821,144	7,241.2
6	\$24,302	95.13	6	\$703,838	7,253.4
5	\$20,251	95.06	5	\$586,532	7,265.6
4	\$16,201	94.99	4	\$469,225	7,277.9
3	\$12,151	94.92	3	\$351,919	7,290.1
2	\$8,101	94.85	2	\$234,613	7,302.3
1	\$4,050	94.78	1	\$117,306	7,314.6
					7,326.8
0	\$0	94.71	0	\$0	7,401.8
					7,476.8
-1	(\$22,203)	94.57	-1	(\$117,306)	7,489.1
-2	(\$44,406)	94.43	-2	(\$234,613)	7,501.3
-3	(\$66,609)	94.29	-3	(\$351,919)	7,513.5
-4	(\$88,812)	94.15	-4	(\$469,225)	7,525.8
-5	(\$111,015)	94.01	-5	(\$586,532)	7,538.0
-6	(\$133,218)	93.86	-6	(\$703,838)	7,550.2
-7	(\$155,421)	93.72	-7	(\$821,144)	7,562.5
-8	(\$177,624)	93.58	-8	(\$938,451)	7,574.7
-9	(\$199,827)	93.44	-9	(\$1,055,757)	7,586.9
-10	(\$222,030)	93.30	-10	(\$1,173,063)	7,599.2

Equivalent Availability Weighting Factor:

0.16%

Heat Rate Weighting Factor:

4.69%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida

Period of: January 2021 - December 2021

Hines 3

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
10	\$201,411	74.45	10	\$1,210,451	6,974.4
9	\$181,270	74.37	9	\$1,089,406	6,986.9
8	\$161,129	74.29	8	\$968,361	6,999.3
7	\$140,988	74.21	7	\$847,316	7,011.7
6	\$120,847	74.13	6	\$726,271	7,024.1
5	\$100,706	74.06	5	\$605,226	7,036.5
4	\$80,564	73.98	4	\$484,180	7,049.0
3	\$60,423	73.90	3	\$363,135	7,061.4
2	\$40,282	73.82	2	\$242,090	7,073.8
1	\$20,141	73.74	1	\$121,045	7,086.2
					7,098.6
0	\$0	73.66	0	\$0	7,173.6
					7,248.6
-1	(\$14,830)	73.49	-1	(\$121,045)	7,261.0
-2	(\$29,660)	73.33	-2	(\$242,090)	7,273.5
-3	(\$44,490)	73.17	-3	(\$363,135)	7,285.9
-4	(\$59,320)	73.00	-4	(\$484,180)	7,298.3
-5	(\$74,149)	72.84	-5	(\$605,226)	7,310.7
-6	(\$88,979)	72.67	-6	(\$726,271)	7,323.1
-7	(\$103,809)	72.51	-7	(\$847,316)	7,335.6
-8	(\$118,639)	72.35	-8	(\$968,361)	7,348.0
-9	(\$133,469)	72.18	-9	(\$1,089,406)	7,360.4
-10	(\$148,299)	72.02	-10	(\$1,210,451)	7,372.8

Equivalent Availability
Weighting Factor:

0.80%

Heat Rate
Weighting Factor:

4.84%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Period of: January 2021 - December 2021

Hines 4

Equivalent Availability (Points)	Fuel Savings/Loss (\$)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss (\$)	Average Heat Rate (BTU/KWH)
10	\$316,970	94.85	10	\$1,625,014	6,824.3
9	\$285,273	94.74	9	\$1,462,513	6,834.3
8	\$253,576	94.62	8	\$1,300,011	6,844.2
7	\$221,879	94.50	7	\$1,137,510	6,854.1
6	\$190,182	94.38	6	\$975,008	6,864.0
5	\$158,485	94.26	5	\$812,507	6,873.9
4	\$126,788	94.15	4	\$650,006	6,883.8
3	\$95,091	94.03	3	\$487,504	6,893.8
2	\$63,394	93.91	2	\$325,003	6,903.7
1	\$31,697	93.79	1	\$162,501	6,913.6
					6,923.5
0	\$0	93.68	0	\$0	6,998.5
					7,073.5
-1	(\$36,688)	93.43	-1	(\$162,501)	7,083.4
-2	(\$73,377)	93.18	-2	(\$325,003)	7,093.4
-3	(\$110,065)	92.94	-3	(\$487,504)	7,103.3
-4	(\$146,753)	92.69	-4	(\$650,006)	7,113.2
-5	(\$183,442)	92.44	-5	(\$812,507)	7,123.1
-6	(\$220,130)	92.20	-6	(\$975,008)	7,133.0
-7	(\$256,819)	91.95	-7	(\$1,137,510)	7,142.9
-8	(\$293,507)	91.70	-8	(\$1,300,011)	7,152.9
-9	(\$330,195)	91.46	-9	(\$1,462,513)	7,162.8
-10	(\$366,884)	91.21	-10	(\$1,625,014)	7,172.7

Equivalent Availability
Weighting Factor:

1.27%

Heat Rate
Weighting Factor:

6.49%

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UNIT PERFORMANCE DATA

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2021 - December 2021

PLANT/UNIT	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Bartow 4													
1. EAF	95.64	95.64	90.00	95.64	95.64	95.64	95.64	95.64	95.64	81.12	60.64	95.64	91.05
2. POF	0.00	0.00	5.65	0.00	0.00	0.00	0.00	0.00	0.00	14.52	35.00	0.00	4.59
3. EUOF	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36
4. EUOR	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	718.2	648.7	718.2	695.1	718.2	695.1	718.2	718.2	695.1	718.2	695.1	718.2	8,456.6
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	25.8	23.3	25.8	24.9	25.8	24.9	25.8	25.8	24.9	25.8	24.9	25.8	303.4
9. POH & PPOH	0.0	0.0	42.0	0.0	0.0	0.0	0.0	0.0	0.0	108.0	252.0	0.0	402.0
10. FOH & PFOH	23.9	21.6	23.9	23.2	23.9	23.2	23.9	23.9	23.2	23.9	23.2	23.9	281.8
11. MOH & PMOH	8.5	7.7	8.5	8.2	8.5	8.2	8.5	8.5	8.2	8.5	8.2	8.5	100.0
12. Oper. Btu(MBtu)	4,622,994	4,446,396	4,759,862	4,980,988	5,277,762	5,071,417	5,209,114	5,197,972	5,038,740	4,411,974	3,331,083	4,797,808	57,169,311
13. Net Gen. (MWH)	598,899.0	577,340.0	617,273.0	647,868.0	687,161.0	660,105.0	677,864.0	676,356.0	655,681.0	570,648.0	427,730.0	622,374.0	7,419,299.0
14. ANOHR (Btu/KWH)	7,719	7,702	7,711	7,688	7,681	7,683	7,685	7,685	7,685	7,732	7,788	7,709	7,705
15. NOF (%)	71.3	76.1	73.5	79.7	81.8	81.2	80.7	80.6	80.7	68.0	52.6	74.1	75.1
16. NSC (MW)	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169	1169
17. ANOHR Equation	ANOHR=	-3.674 x NOF +		7,981.2									

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2021 - December 2021

PLANT/UNIT Crystal River 4	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	86.11	85.99	85.50	85.50	85.50	85.50	85.50	86.12	86.10	87.15	86.77	87.55	86.11
2. POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3. EUOF	13.89	14.01	14.50	14.50	14.50	14.50	14.50	13.88	13.90	12.85	13.23	12.45	13.89
4. EUOR	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50	14.50
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	622.3	566.9	649.7	628.7	649.7	628.7	649.7	621.9	602.5	575.7	573.9	557.7	7,327.5
7. RSH	31.4	22.8	0.0	0.0	0.0	0.0	0.0	31.8	30.0	84.8	62.8	105.4	369.0
8. UH	90.3	82.3	94.3	91.3	94.3	91.3	94.3	90.3	87.5	83.5	83.3	80.9	1063.5
9. POH & PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. FOH & PFOH	89.5	81.6	93.5	90.5	93.5	90.5	93.5	89.5	86.7	82.8	82.6	80.2	1054.4
11. MOH & PMOH	13.8	12.6	14.4	13.9	14.4	13.9	14.4	13.8	13.3	12.7	12.7	12.3	162.2
12. Oper. Btu(MBtu)	3,215,751	2,828,950	3,372,503	2,817,665	3,240,145	3,254,350	3,553,366	3,377,493	3,134,027	2,916,779	2,912,723	2,577,037	37,232,316
13. Net Gen. (MWH)	313,507.0	273,511.0	329,152.0	266,333.0	313,224.0	317,395.0	351,556.0	333,513.0	306,030.0	283,012.0	282,729.0	245,063.0	3,615,025.0
14. ANOHR (Btu/KWH)	10,257	10,343	10,246	10,579	10,344	10,253	10,108	10,127	10,241	10,306	10,302	10,516	10,299
15. NOF (%)	70.8	67.8	71.2	59.5	67.7	70.9	76.0	75.3	71.3	69.1	69.2	61.7	69.3
16. NSC (MW)	712	712	712	712	712	712	712	712	712	712	712	712	712
17. ANOHR Equation	ANOHR=	-28.596 x NOF +		12,280.8									

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2021 - December 2021

PLANT/UNIT Crystal River 5	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	87.71	87.71	87.55	6.09	88.83	88.59	87.35	87.35	87.35	87.35	87.35	87.80	81.01
2. POF	0.00	0.00	0.00	93.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.67
3. EUOF	12.29	12.29	12.45	0.57	11.17	11.41	12.65	12.65	12.65	12.65	12.65	12.20	11.32
4. EUOR	12.65	12.65	12.65	12.65	12.65	12.65	12.65	12.65	12.65	12.65	12.65	12.65	12.65
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	643.3	581.4	652.0	29.0	584.8	578.3	662.2	662.2	640.8	662.2	640.8	638.5	6,975.6
7. RSH	21.2	18.8	11.4	15.4	87.0	70.2	0.0	0.0	0.0	0.0	0.0	26.6	250.6
8. UH	79.5	71.8	80.6	675.6	72.2	71.5	81.8	81.8	79.2	81.8	79.2	78.9	1533.8
9. POH & PPOH	0.0	0.0	0.0	672.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	672.0
10. FOH & PFOH	79.4	71.8	80.5	3.6	72.2	71.4	81.7	81.7	79.1	81.7	79.1	78.8	861.1
11. MOH & PMOH	12.0	10.8	12.2	0.5	10.9	10.8	12.4	12.4	12.0	12.4	12.0	11.9	130.1
12. Oper. Btu(MBtu)	2,958,617	2,509,458	2,951,833	95,143	2,430,036	2,580,728	3,014,657	3,152,939	2,739,745	3,250,598	2,985,280	2,581,381	31,274,120
13. Net Gen. (MWH)	284,959.0	238,840.0	283,433.0	8,700.0	229,768.0	247,121.0	289,780.0	305,827.0	260,317.0	317,376.0	288,266.0	242,977.0	2,997,364.0
14. ANOHR (Btu/KWH)	10,383	10,507	10,415	10,936	10,576	10,443	10,403	10,310	10,525	10,242	10,356	10,624	10,434
15. NOF (%)	62.4	57.9	61.2	42.2	55.3	60.2	61.6	65.0	57.2	67.5	63.4	53.6	60.5
16. NSC (MW)	710	710	710	710	710	710	710	710	710	710	710	710	710
17. ANOHR Equation	ANOHR=	-27.456 x NOF +		12,095.5									

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2021 - December 2021

PLANT/UNIT Hines 1	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	98.99	99.29	95.51	41.97	12.15	93.65	93.64	93.55	93.60	93.59	95.35	99.33	84.13
2. POF	0.00	0.00	0.00	56.67	87.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.05
3. EUOF	1.01	0.71	4.49	1.37	0.75	6.35	6.36	6.45	6.40	6.41	4.65	0.67	3.82
4. EUOR	6.57	6.57	6.57	6.57	6.57	6.57	6.57	6.57	6.57	6.57	6.57	6.57	6.57
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	107.6	68.1	476.4	140.4	79.7	652.0	675.3	685.2	657.5	680.3	478.2	71.1	4,771.8
7. RSH	629.2	599.4	235.8	162.2	11.0	24.4	23.6	13.0	18.6	18.2	209.8	668.2	2613.4
8. UH	7.2	4.5	31.8	417.4	653.3	43.6	45.1	45.8	43.9	45.5	32.0	4.7	1374.8
9. POH & PPOH	0.0	0.0	0.0	408.0	648.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1056.0
10. FOH & PFOH	3.3	2.1	14.6	4.3	2.4	20.0	20.7	21.1	20.2	20.9	14.7	2.2	146.6
11. MOH & PMOH	4.2	2.7	18.7	5.5	3.1	25.7	26.6	27.0	25.9	26.8	18.8	2.8	187.8
12. Oper. Btu(MBtu)	332,636	196,469	1,171,283	329,049	224,335	1,924,779	2,080,700	2,019,397	1,955,542	2,145,381	1,467,363	239,397	14,105,825
13. Net Gen. (MWH)	44,982.0	26,169.0	151,484.0	42,240.0	29,728.0	257,590.0	281,159.0	270,156.0	262,139.0	291,508.0	198,085.0	33,094.0	1,888,334.0
14. ANOHR (Btu/KWH)	7,395	7,508	7,732	7,790	7,546	7,472	7,400	7,475	7,460	7,360	7,408	7,234	7,470
15. NOF (%)	85.3	78.5	64.9	61.4	76.1	80.6	85.0	80.5	81.4	87.4	84.5	95.1	80.8
16. NSC (MW)	490	490	490	490	490	490	490	490	490	490	490	490	490
17. ANOHR Equation	ANOHR=	-16.520 x NOF +		8,804.1									

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2021 - December 2021

PLANT/UNIT Hines 2	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	99.78	99.73	99.52	98.11	97.69	97.75	97.73	97.67	97.66	97.63	52.92	99.83	94.71
2. POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.67	0.00	3.84
3. EUOF	0.22	0.27	0.48	1.89	2.31	2.25	2.27	2.33	2.34	2.37	0.42	0.17	1.45
4. EUOR	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	68.4	74.7	145.3	557.8	703.2	663.3	691.3	711.3	688.7	723.4	122.7	52.2	5,202.3
7. RSH	674.2	595.8	595.8	151.0	26.6	43.4	38.8	18.4	17.4	6.0	258.8	690.8	3117.0
8. UH	1.4	1.5	2.9	11.2	14.2	13.3	13.9	14.3	13.9	14.6	338.5	1.0	440.7
9. POH & PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	336.0	0.0	336.0
10. FOH & PFOH	1.0	1.1	2.2	8.3	10.5	9.9	10.3	10.6	10.3	10.8	1.8	0.8	77.5
11. MOH & PMOH	0.7	0.7	1.4	5.3	6.7	6.3	6.6	6.8	6.6	6.9	1.2	0.5	49.5
12. Oper. Btu(MBtu)	221,389	202,532	409,030	1,853,766	2,343,750	2,254,524	2,338,377	2,418,085	2,356,813	2,472,954	389,106	143,187	17,410,295
13. Net Gen. (MWH)	29,725.0	26,451.0	53,704.0	250,121.0	316,397.0	305,500.0	316,564.0	327,671.0	319,776.0	335,465.0	52,057.0	18,733.0	2,352,164.0
14. ANOHR (Btu/KWH)	7,448	7,657	7,616	7,411	7,408	7,380	7,387	7,380	7,370	7,372	7,475	7,644	7,402
15. NOF (%)	82.9	67.6	70.5	85.6	85.9	87.9	87.4	87.9	88.6	88.5	80.9	68.6	86.3
16. NSC (MW)	524	524	524	524	524	524	524	524	524	524	524	524	524
17. ANOHR Equation	ANOHR=	-13.633 x NOF +		8,578.2									

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ESTIMATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2021 - December 2021

PLANT/UNIT Hines 3	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	99.06	42.42	0.00	0.00	56.47	97.21	97.21	97.22	97.21	97.21	97.87	98.91	73.66
2. POF	0.00	57.14	100.00	100.00	41.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.66
3. EUOF	0.94	0.44	0.00	0.00	1.59	2.79	2.79	2.78	2.79	2.79	2.13	1.09	1.68
4. EUOR	2.80	2.80	0.00	0.00	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	242.7	101.9	0.0	0.0	411.4	697.9	721.6	719.2	697.9	720.5	533.5	282.0	5,128.7
7. RSH	494.9	183.4	0.0	0.0	9.8	3.7	3.4	5.9	3.7	4.6	172.5	454.6	1336.5
8. UH	6.4	386.7	744.0	720.0	322.8	18.4	19.0	18.9	18.4	18.9	14.0	7.4	2294.8
9. POH & PPOH	0.0	384.0	744.0	720.0	312.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2160.0
10. FOH & PFOH	4.0	1.7	0.0	0.0	6.8	11.6	12.0	11.9	11.6	12.0	8.9	4.7	85.1
11. MOH & PMOH	3.0	1.2	0.0	0.0	5.0	8.5	8.8	8.8	8.5	8.8	6.5	3.4	62.4
12. Oper. Btu(MBtu)	707,267	306,750	-	-	1,287,912	2,266,566	2,388,344	2,321,876	2,277,816	2,382,573	1,749,619	758,702	16,457,804
13. Net Gen. (MWH)	96,585.0	42,164.0	-	-	178,531.0	316,842.0	335,396.0	324,125.0	318,790.0	334,520.0	245,156.0	102,100.0	2,294,209.0
14. ANOHR (Btu/KWH)	7,323	7,275	-	-	7,214	7,154	7,121	7,164	7,145	7,122	7,137	7,431	7,174
15. NOF (%)	76.4	79.4	0.0	0.0	83.3	87.1	89.2	86.5	87.7	89.1	88.2	69.5	85.9
16. NSC (MW)	521	521	521	521	521	521	521	521	521	521	521	521	521
17. ANOHR Equation	ANOHR=	-15.726 x NOF +		8,523.9									

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 2021 - December 2021

PLANT/UNIT Hines 4	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	98.11	98.06	97.31	97.25	97.24	97.24	97.23	97.25	97.24	69.01	81.05	97.49	93.68
2. POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.03	16.67	0.00	3.84
3. EUOF	1.89	1.94	2.69	2.75	2.76	2.76	2.77	2.75	2.76	1.96	2.29	2.51	2.49
4. EUOR	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77
5. PH	744	672	744	720	744	720	744	744	720	744	720	744	8,760
6. SH	495.1	457.1	703.9	696.9	722.8	699.6	724.2	718.3	698.9	512.6	578.6	655.8	7,663.9
7. RSH	235.8	202.8	21.4	4.6	2.0	1.8	0.6	6.6	2.6	1.8	6.0	70.8	556.8
8. UH	13.1	12.1	18.7	18.5	19.2	18.6	19.2	19.1	18.5	229.6	135.4	17.4	539.3
9. POH & PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	216.0	120.0	0.0	336.0
10. FOH & PFOH	13.1	12.1	18.6	18.4	19.1	18.5	19.1	19.0	18.5	13.5	15.3	17.3	202.4
11. MOH & PMOH	1.0	0.9	1.4	1.4	1.5	1.4	1.5	1.5	1.4	1.1	1.2	1.3	15.7
12. Oper. Btu(MBtu)	1,484,584	1,376,774	2,244,733	2,231,648	2,361,648	2,329,356	2,437,059	2,280,410	2,280,981	1,719,630	1,922,530	2,128,354	24,800,941
13. Net Gen. (MWH)	210,455.0	195,258.0	320,234.0	318,510.0	337,806.0	333,892.0	349,759.0	325,167.0	326,230.0	246,707.0	275,512.0	304,211.0	3,543,741.0
14. ANOHR (Btu/KWH)	7,054	7,051	7,010	7,007	6,991	6,976	6,968	7,013	6,992	6,970	6,978	6,996	6,999
15. NOF (%)	81.9	82.3	87.7	88.1	90.0	92.0	93.1	87.2	89.9	92.7	91.7	89.4	89.1
16. NSC (MW)	519	519	519	519	519	519	519	519	519	519	519	519	519
17. ANOHR Equation	ANOHR=	-7.744 x NOF +		7,688.5									

Issued by: Duke Energy Florida

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

PLANNED OUTAGE SCHEDULES

Duke Energy Florida
Period of: January 2021 - December 2021

<u>Plant/Unit</u>	<u>Planned Outage Dates</u>	<u>Reason for Outage</u>
Bartow 4	03/06 (0001) - 03/12 (2400)	3x1, Boroscopes A&C, Gen Minor (A&C)
Bartow 4	10/23 (0001) - 11/21 (2400)	3 x 0, L-0 inspection, replace F91 delam valves, boroscopes B&D, CW pipe coating, BOP
Crystal River 5	04/03 (0001) - 04/30 (2400)	BOP, potential cooling tower work
Hines 1	04/14 (0001) - 05/27 (2400)	Full Block, MI (A&B), BOP, repl. Exhaust, ST1 Gen Med. Robotic
Hines 2	11/06 (0001) - 11/19 (2400)	Full Block, BOP, L-0 inspection, ST-Gen Med (8days)
Hines 3	02/13 (0001) - 05/13 (2400)	Full Block, BOP, ST-3 Major (HP, IP/LP), ST-V, CT Rotor EOL & CT Major (A&B), Gen Major (A&B&ST), Exciter major (A&B)
Hines 4	10/23 (0001) - 11/05 (2400)	Full Block, BOP

Issued by: Duke Energy Florida

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

AVERAGE NET OPERATING HEAT RATE CURVES

DUKE ENERGY FLORIDA

Bartow Unit 4

ANOHR = -3.674 * NOF + 7,981.22

TABLE OF RESIDUALS

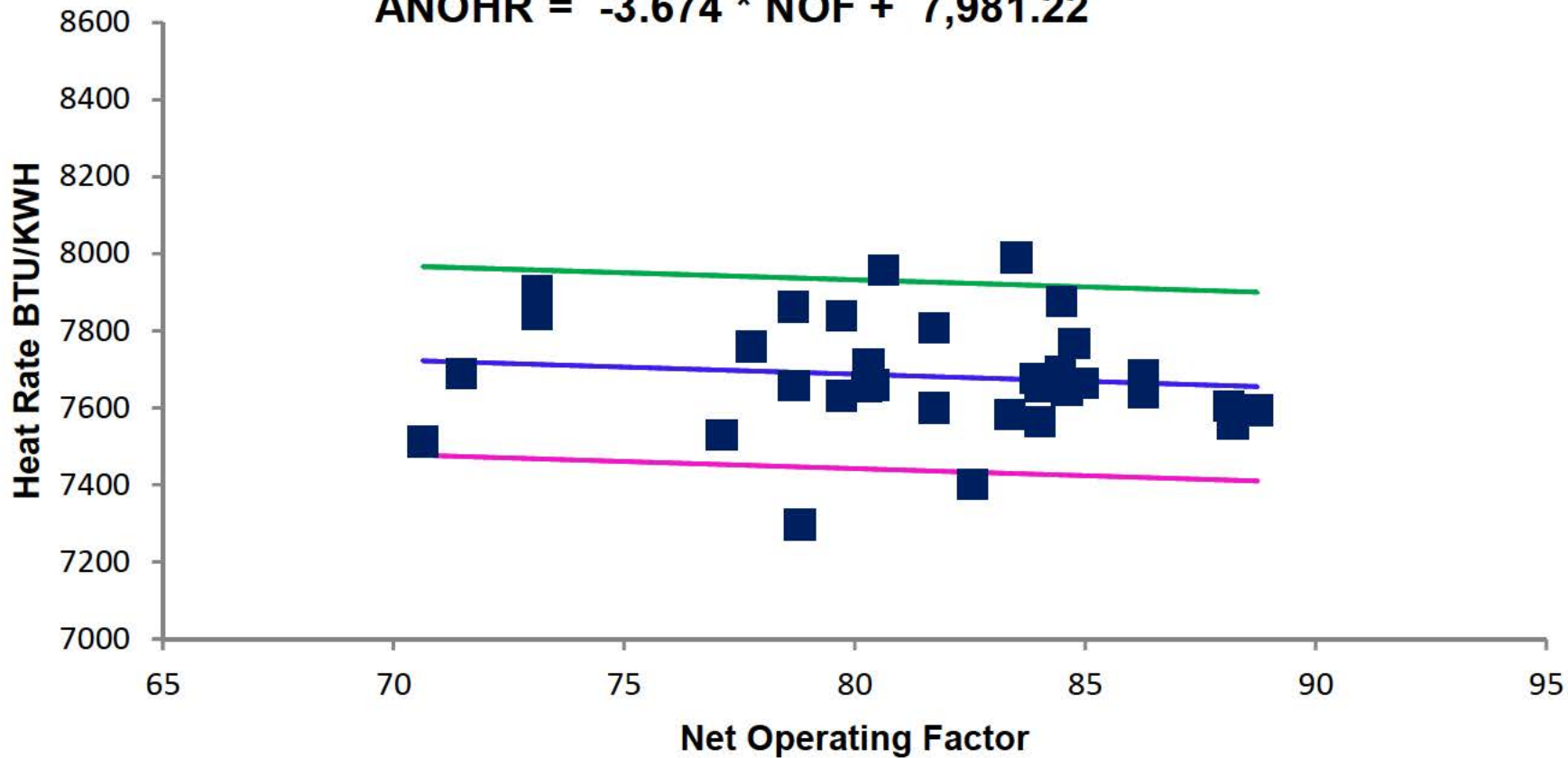
DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-17	86.3	7,685	7,664	20.9	244.9
Aug-17	88.1	7,604	7,657	-53.4	244.9
Sep-17	84.5	7,877	7,671	206.0	244.9
Oct-17	84.8	7,767	7,670	97.5	244.9
Nov-17	78.7	7,862	7,692	169.6	244.9
Dec-17	83.5	7,990	7,674	315.5	244.9
Jan-18	80.4	7,658	7,686	-27.4	244.9
Feb-18	80.3	7,655	7,686	-31.7	244.9
Mar-18	80.3	7,715	7,686	28.3	244.9
Apr-18	88.7	7,593	7,655	-61.9	244.9
May-18	80.6	7,958	7,685	273.1	244.9
Jun-18	84.0	7,563	7,672	-109.6	244.9
Jul-18	84.5	7,694	7,671	22.7	244.9
Aug-18	83.9	7,677	7,673	4.2	244.9
Sep-18	86.3	7,638	7,664	-26.3	244.9
Oct-18	88.2	7,558	7,657	-99.4	244.9
Nov-18	84.6	7,647	7,670	-23.6	244.9
Dec-18	78.7	7,657	7,692	-34.7	244.9
Jan-19	79.7	7,632	7,688	-56.2	244.9
Feb-19	71.5	7,689	7,719	-29.5	244.9
Apr-19	73.1	7,902	7,713	189.9	244.9
May-19	83.4	7,583	7,675	-91.9	244.9
Jun-19	84.0	7,655	7,672	-17.5	244.9
Jul-19	81.7	7,808	7,681	127.1	244.9
Aug-19	85.0	7,665	7,669	-4.5	244.9
Sep-19	73.1	7,842	7,713	129.2	244.9
Dec-19	81.7	7,600	7,681	-80.6	244.9
Jan-20	78.8	7,296	7,692	-395.4	244.9
Feb-20	77.8	7,759	7,696	63.3	244.9
Mar-20	79.7	7,838	7,688	150.0	244.9
Apr-20	70.6	7,513	7,722	-208.8	244.9
May-20	77.1	7,529	7,698	-169.4	244.9
Jun-20	82.6	7,402	7,678	-275.6	244.9

Regression Output:

Constant	7981.22
Std Err of Y Est	151.1989349
R Squared	0.012982032
No. of Observations	33
Degrees of Freedom	31
X Coefficient	-3.67401753
Std Err of Coef.	5.753757801

Bartow Unit 4

$$\text{ANOHR} = -3.674 * \text{NOF} + 7,981.22$$



DUKE ENERGY FLORIDA

Crystal River Unit 4

ANOHR = -28.596 * NOF + 12,280.75

TABLE OF RESIDUALS

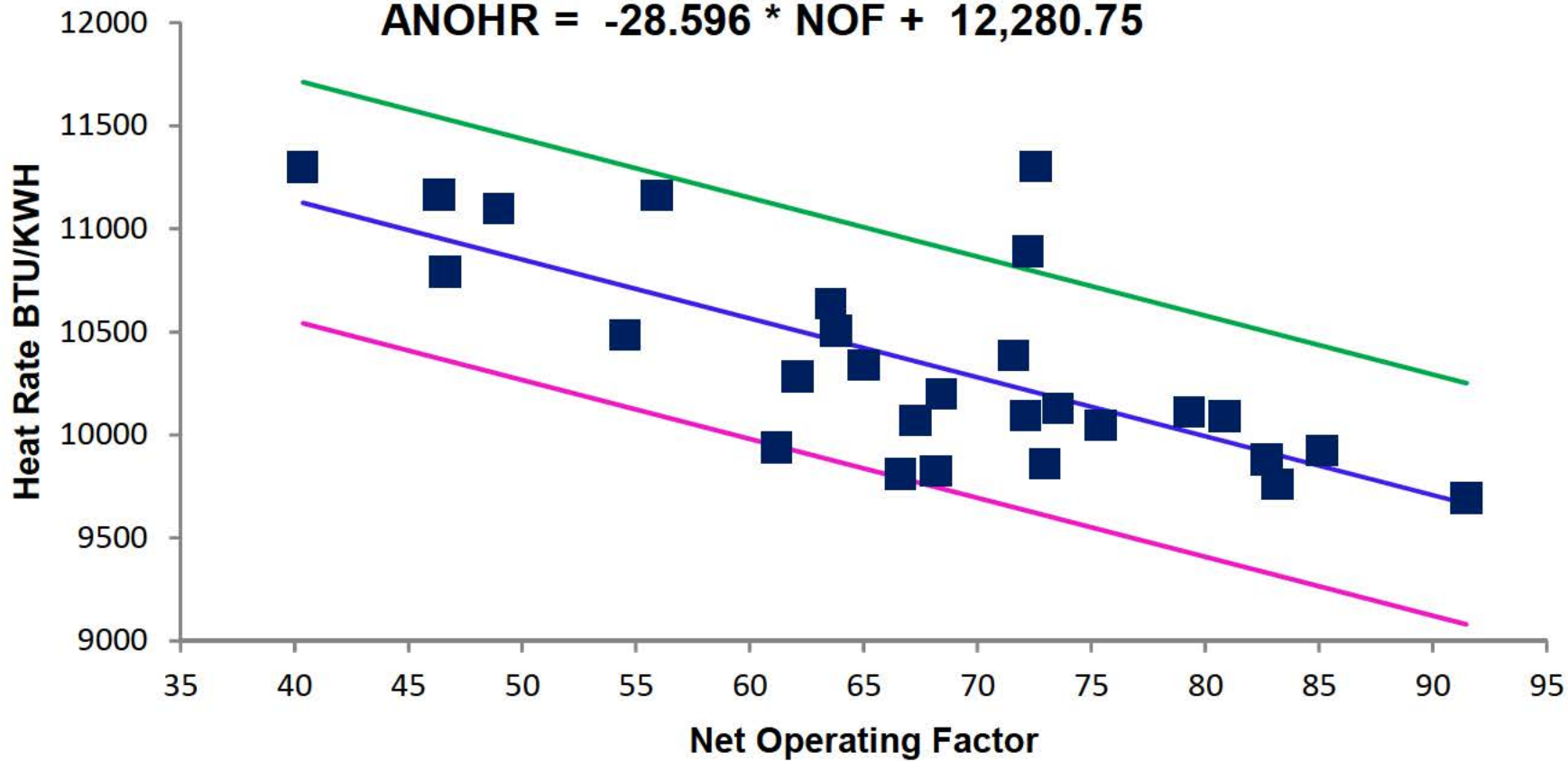
DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-17	71.6	10,383	10,234	149.0	585.3
Aug-17	75.4	10,047	10,124	-77.6	585.3
Sep-17	72.2	10,890	10,216	673.8	585.3
Oct-17	72.6	11,302	10,206	1095.8	585.3
Dec-17	72.1	10,094	10,218	-124.5	585.3
Feb-18	67.3	10,068	10,357	-288.6	585.3
Mar-18	66.6	9,811	10,376	-565.8	585.3
Apr-18	63.5	10,637	10,464	172.6	585.3
May-18	68.4	10,198	10,325	-126.9	585.3
Jun-18	73.5	10,130	10,178	-48.1	585.3
Jul-18	82.7	9,880	9,916	-36.5	585.3
Aug-18	85.1	9,922	9,847	74.9	585.3
Sep-18	79.3	10,111	10,013	98.0	585.3
Oct-18	83.2	9,762	9,903	-140.6	585.3
Nov-18	80.8	10,090	9,969	121.1	585.3
Dec-18	91.5	9,691	9,665	26.5	585.3
Jan-19	46.4	11,168	10,955	212.3	585.3
Mar-19	61.2	9,939	10,532	-592.2	585.3
Apr-19	62.1	10,283	10,505	-221.6	585.3
May-19	65.0	10,337	10,423	-85.9	585.3
Jun-19	63.8	10,505	10,457	48.4	585.3
Jul-19	54.5	10,485	10,722	-236.7	585.3
Aug-19	55.9	11,162	10,682	480.5	585.3
Sep-19	46.6	10,791	10,948	-157.2	585.3
Oct-19	68.2	9,825	10,332	-506.6	585.3
Nov-19	73.0	9,861	10,194	-333.8	585.3
May-20	40.4	11,299	11,127	172.2	585.3
Jun-20	49.0	11,098	10,881	217.6	585.3

Regression Output:

Constant	12280.75
Std Err of Y Est	362.3176774
R Squared	0.50549982
No. of Observations	28
Degrees of Freedom	26
X Coefficient	-28.59577776
Std Err of Coef.	5.546741973

Crystal River Unit 4

$$\text{ANOHR} = -28.596 * \text{NOF} + 12,280.75$$



DUKE ENERGY FLORIDA

Crystal River Unit 5

ANOHR = -27.456 * NOF + 12,095.55

TABLE OF RESIDUALS

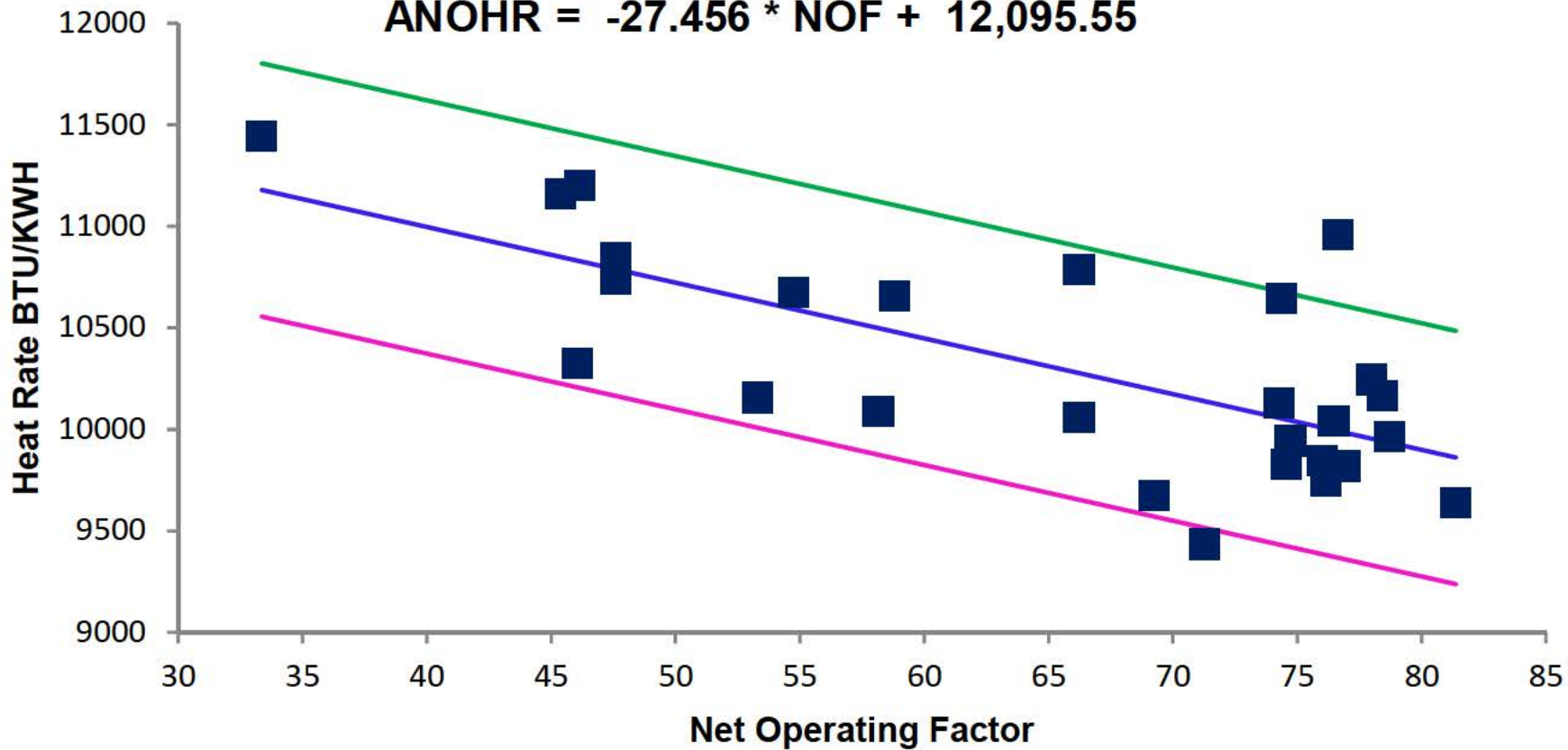
DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-17	78.7	9,965	9,934	30.9	623.7
Aug-17	76.0	9,848	10,008	-159.8	623.7
Sep-17	74.4	10,648	10,054	593.4	623.7
Oct-17	76.7	10,960	9,991	968.9	623.7
Jan-18	81.4	9,640	9,861	-220.7	623.7
Feb-18	66.2	10,058	10,277	-219.7	623.7
Mar-18	74.6	9,831	10,048	-217.8	623.7
Apr-18	66.2	10,787	10,277	510.0	623.7
May-18	58.8	10,656	10,481	175.8	623.7
Jun-18	74.3	10,128	10,056	71.6	623.7
Jul-18	78.0	10,246	9,954	292.0	623.7
Aug-18	77.0	9,820	9,983	-162.3	623.7
Sep-18	76.5	10,040	9,996	44.5	623.7
Oct-18	74.7	9,944	10,044	-100.2	623.7
Nov-18	78.4	10,164	9,942	221.6	623.7
Dec-18	76.2	9,749	10,005	-255.4	623.7
Jan-19	47.6	10,845	10,789	55.9	623.7
Jun-19	46.1	11,203	10,829	374.8	623.7
Jul-19	53.3	10,155	10,632	-477.2	623.7
Aug-19	54.8	10,677	10,592	85.0	623.7
Sep-19	58.2	10,086	10,499	-413.1	623.7
Oct-19	69.3	9,675	10,194	-518.7	623.7
Nov-19	71.3	9,435	10,138	-703.0	623.7
Mar-20	33.4	11,447	11,180	267.4	623.7
Apr-20	46.1	10,327	10,831	-504.5	623.7
May-20	47.6	10,742	10,789	-47.7	623.7
Jun-20	45.4	11,158	10,850	308.3	623.7

Regression Output:

Constant	12095.55
Std Err of Y Est	386.3474897
R Squared	0.498313744
No. of Observations	27
Degrees of Freedom	25
X Coefficient	-27.45646286
Std Err of Coef.	5.509843359

Crystal River Unit 5

$$\text{ANOHR} = -27.456 * \text{NOF} + 12,095.55$$



DUKE ENERGY FLORIDA

Hines Unit 1

ANOHR = -16.520 * NOF + 8,804.15

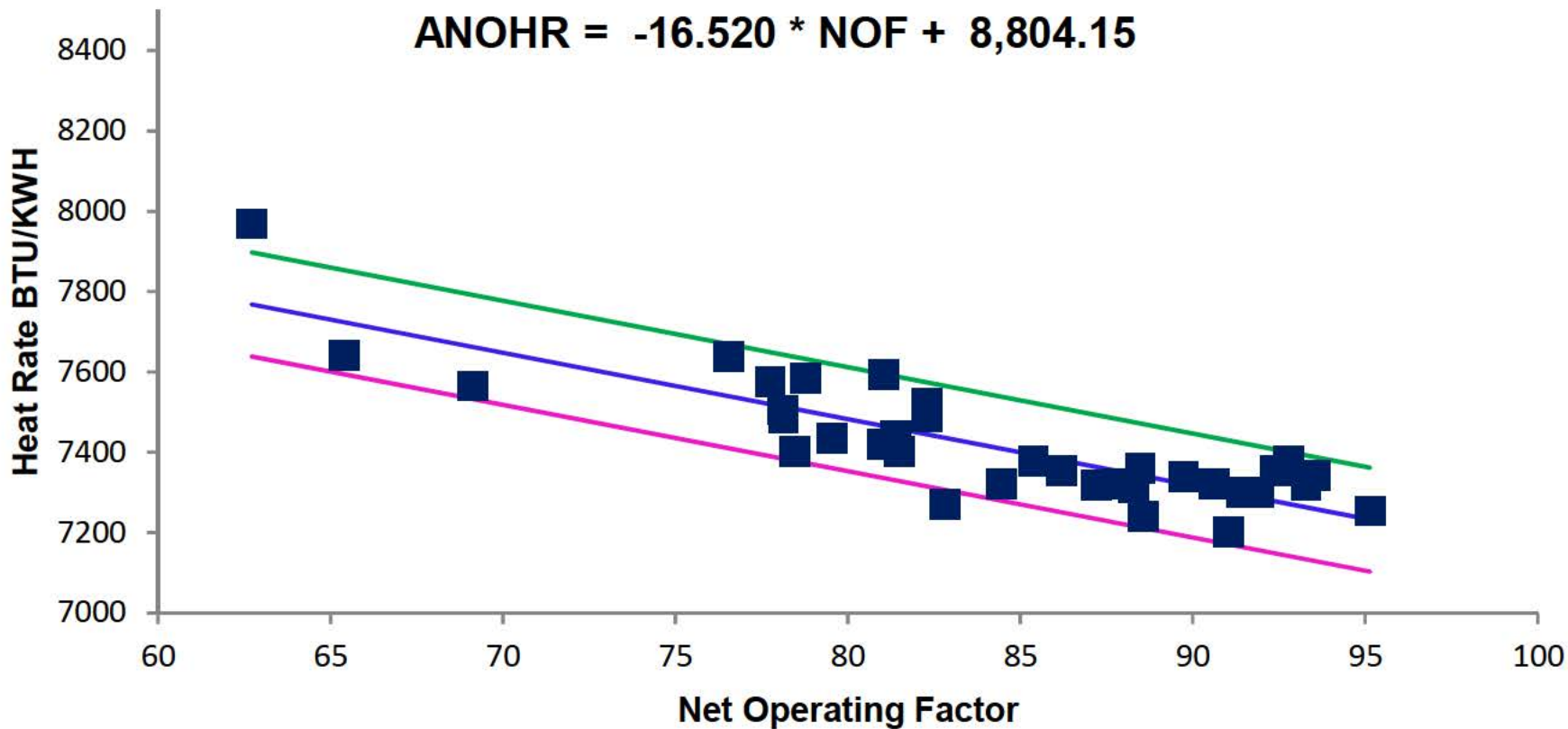
TABLE OF RESIDUALS

DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-17	85.4	7,377	7,394	-16.8	129.5
Aug-17	88.3	7,310	7,345	-35.3	129.5
Sep-17	88.6	7,240	7,341	-100.9	129.5
Oct-17	89.7	7,338	7,322	16.3	129.5
Dec-17	78.5	7,403	7,508	-105.2	129.5
Jan-18	91.0	7,201	7,300	-99.5	129.5
Feb-18	91.4	7,301	7,294	6.6	129.5
Mar-18	92.4	7,354	7,278	75.9	129.5
Apr-18	91.9	7,300	7,286	14.4	129.5
May-18	87.8	7,323	7,354	-30.9	129.5
Jun-18	92.8	7,379	7,271	107.4	129.5
Jul-18	93.6	7,343	7,259	84.0	129.5
Aug-18	90.6	7,321	7,307	13.5	129.5
Sep-18	93.3	7,319	7,263	56.1	129.5
Oct-18	87.2	7,318	7,364	-45.6	129.5
Nov-18	82.8	7,270	7,436	-166.4	129.5
Dec-18	62.7	7,969	7,768	200.3	129.5
Jan-19	65.4	7,642	7,724	-81.5	129.5
Feb-19	81.5	7,401	7,458	-56.3	129.5
Mar-19	79.6	7,437	7,490	-53.3	129.5
Apr-19	69.1	7,566	7,662	-96.4	129.5
May-19	82.3	7,489	7,445	44.0	129.5
Jun-19	81.0	7,420	7,466	-45.7	129.5
Jul-19	82.3	7,520	7,445	75.7	129.5
Aug-19	86.2	7,355	7,380	-25.5	129.5
Sep-19	81.4	7,442	7,460	-17.4	129.5
Oct-19	88.5	7,361	7,342	18.6	129.5
Nov-19	95.1	7,254	7,232	21.4	129.5
Dec-19	84.4	7,321	7,409	-88.5	129.5
Jan-20	81.0	7,594	7,466	128.4	129.5
Feb-20	76.6	7,640	7,540	100.5	129.5
Mar-20	78.1	7,506	7,514	-7.7	129.5
Apr-20	78.1	7,485	7,513	-28.3	129.5
May-20	77.7	7,576	7,520	56.1	129.5
Jun-20	78.8	7,585	7,503	82.0	129.5

Regression Output:

Constant	8804.15
Std Err of Y Est	79.84423844
R Squared	0.729897341
No. of Observations	35
Degrees of Freedom	33
X Coefficient	-16.51989691
Std Err of Coef.	1.749378975

Hines Unit 1



DUKE ENERGY FLORIDA

Hines Unit 2

ANOHR = -13.633 * NOF + 8,578.16

TABLE OF RESIDUALS

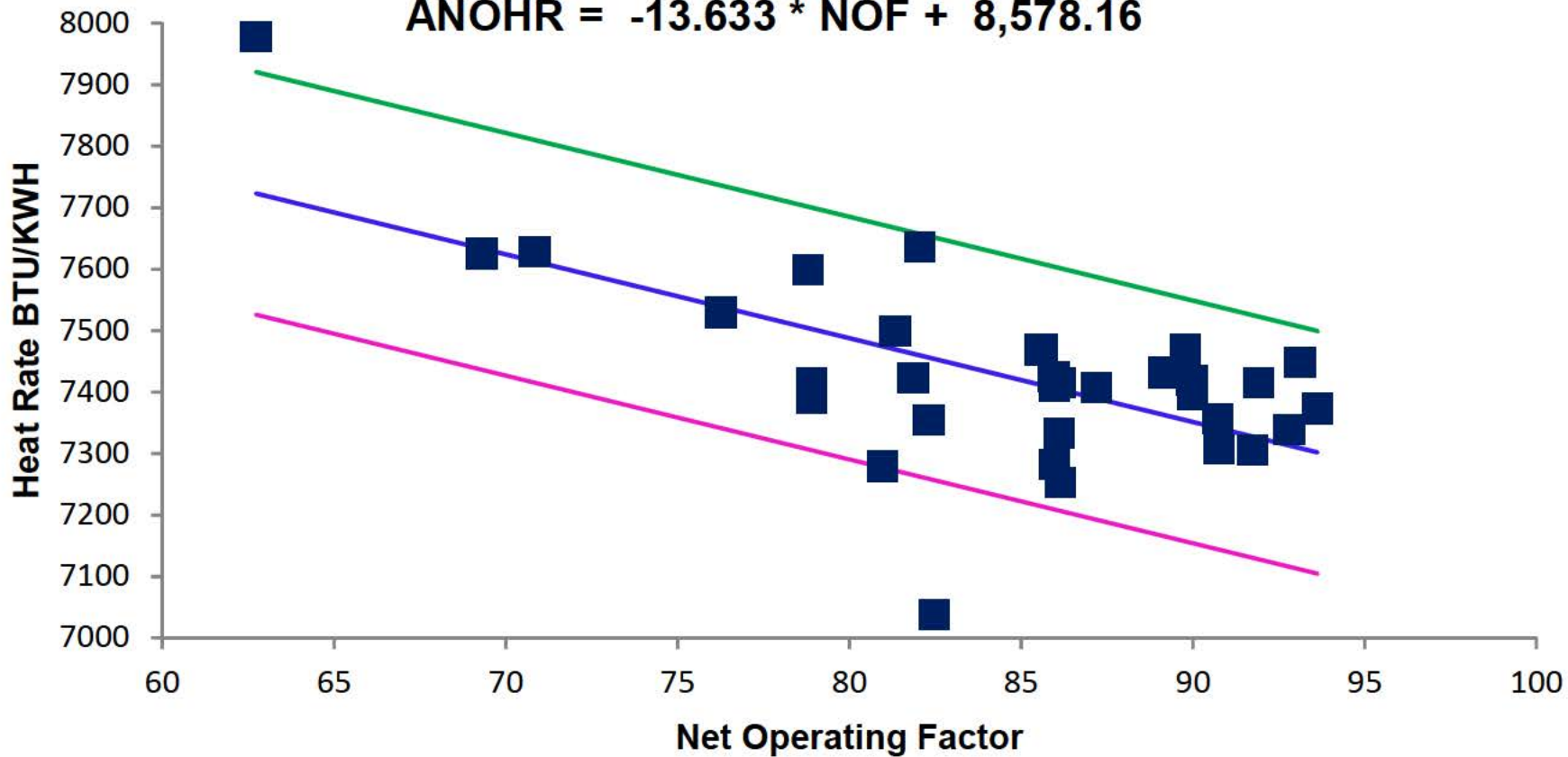
DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-17	87.2	7,407	7,389	17.6	197.4
Aug-17	86.0	7,283	7,406	-123.2	197.4
Sep-17	82.1	7,636	7,459	176.4	197.4
Oct-17	62.7	7,978	7,723	255.5	197.4
Dec-17	86.1	7,332	7,404	-72.3	197.4
Jan-18	86.2	7,253	7,404	-151.1	197.4
Feb-18	82.5	7,038	7,454	-415.7	197.4
Mar-18	91.7	7,306	7,328	-22.0	197.4
Apr-18	90.0	7,396	7,351	44.8	197.4
May-18	86.0	7,410	7,406	3.5	197.4
Jun-18	89.8	7,470	7,354	115.9	197.4
Jul-18	93.1	7,447	7,309	138.8	197.4
Aug-18	92.8	7,339	7,313	25.9	197.4
Sep-18	91.9	7,414	7,325	88.8	197.4
Oct-18	90.8	7,307	7,341	-33.5	197.4
Nov-18	78.9	7,415	7,503	-87.5	197.4
Dec-18	76.3	7,529	7,539	-9.0	197.4
Jan-19	81.0	7,279	7,474	-195.5	197.4
Feb-19	82.3	7,354	7,456	-101.9	197.4
Apr-19	90.7	7,356	7,341	14.4	197.4
May-19	89.2	7,432	7,363	68.8	197.4
Jun-19	86.0	7,425	7,406	18.3	197.4
Jul-19	85.6	7,468	7,412	56.5	197.4
Aug-19	85.6	7,470	7,411	59.1	197.4
Sep-19	81.3	7,498	7,469	29.0	197.4
Oct-19	90.0	7,419	7,352	67.8	197.4
Nov-19	93.6	7,373	7,302	71.0	197.4
Dec-19	81.9	7,422	7,462	-39.9	197.4
Jan-20	78.9	7,390	7,503	-112.6	197.4
Feb-20	86.2	7,414	7,404	10.4	197.4
Apr-20	69.3	7,625	7,633	-8.5	197.4
May-20	70.8	7,628	7,612	15.6	197.4
Jun-20	78.8	7,599	7,504	94.7	197.4

Regression Output:

Constant	8578.16
Std Err of Y Est	121.830277
R Squared	0.399107581
No. of Observations	33
Degrees of Freedom	31
X Coefficient	-13.63304066
Std Err of Coef.	3.004451911

Hines Unit 2

$$\text{ANOHR} = -13.633 * \text{NOF} + 8,578.16$$



DUKE ENERGY FLORIDA

Hines Unit 3

ANOHR = -15.726 * NOF + 8,523.87

TABLE OF RESIDUALS

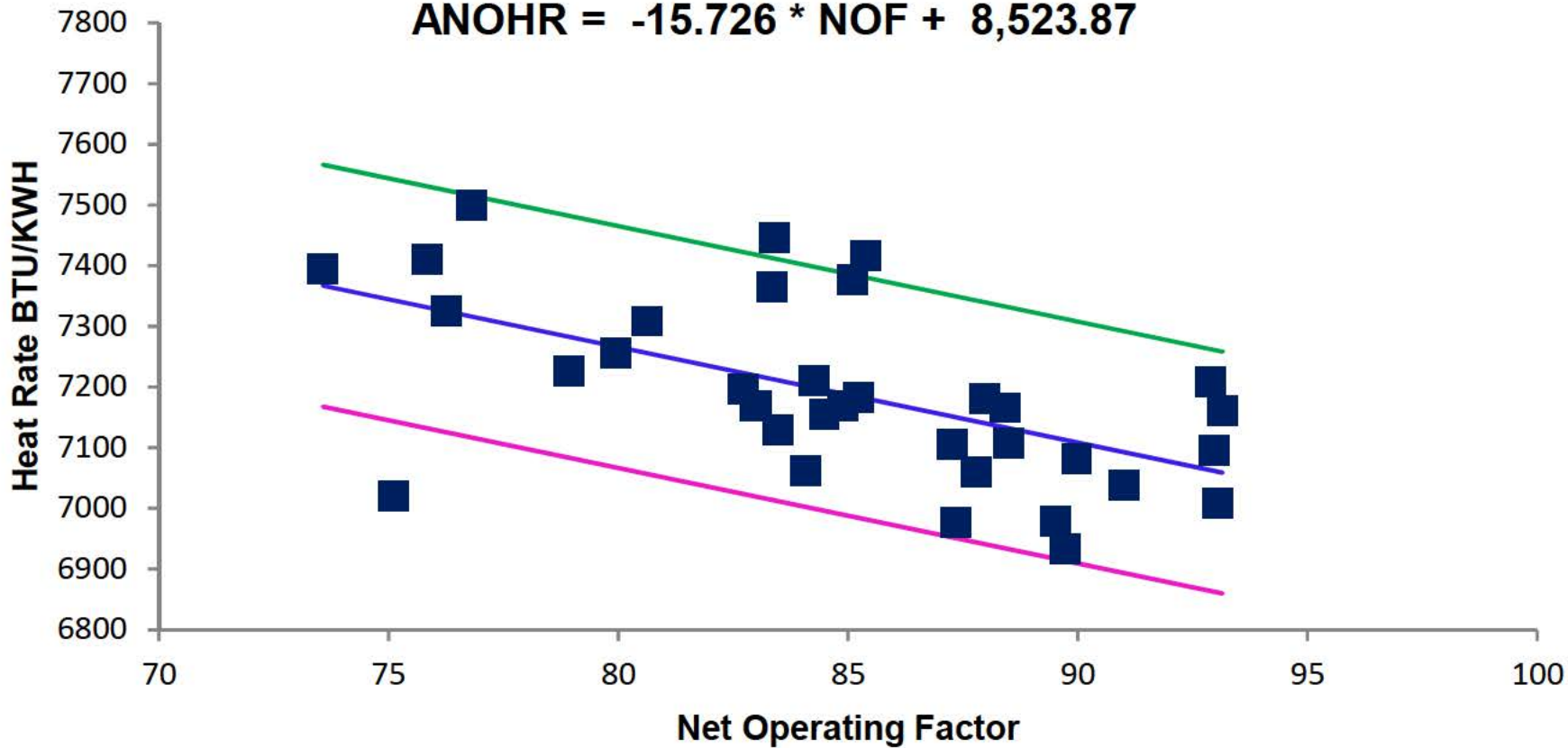
DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-17	87.3	7,106	7,151	-45.9	199.2
Aug-17	90.0	7,082	7,109	-26.6	199.2
Sep-17	75.1	7,020	7,343	-322.2	199.2
Oct-17	89.7	6,934	7,113	-179.0	199.2
Dec-17	87.3	6,978	7,150	-172.4	199.2
Jan-18	83.4	7,447	7,212	234.5	199.2
Feb-18	83.3	7,365	7,213	152.2	199.2
Mar-18	87.8	7,060	7,143	-83.0	199.2
Apr-18	88.4	7,166	7,134	32.0	199.2
May-18	88.5	7,107	7,132	-25.4	199.2
Jun-18	91.0	7,038	7,093	-54.3	199.2
Jul-18	93.0	7,009	7,061	-52.1	199.2
Aug-18	92.9	7,209	7,063	145.7	199.2
Sep-18	93.2	7,161	7,059	101.5	199.2
Nov-18	85.2	7,182	7,183	-1.6	199.2
Dec-18	85.1	7,376	7,186	190.1	199.2
Jan-19	85.4	7,416	7,181	235.0	199.2
Feb-19	76.3	7,325	7,325	0.7	199.2
Mar-19	83.0	7,169	7,219	-50.2	199.2
Apr-19	84.1	7,063	7,202	-138.9	199.2
May-19	88.0	7,180	7,141	39.5	199.2
Jun-19	84.3	7,211	7,199	11.6	199.2
Jul-19	84.5	7,155	7,195	-40.4	199.2
Aug-19	84.9	7,170	7,189	-19.3	199.2
Sep-19	80.6	7,309	7,256	52.5	199.2
Oct-19	93.0	7,096	7,062	34.6	199.2
Nov-19	89.5	6,979	7,116	-137.1	199.2
Dec-19	75.9	7,411	7,331	79.6	199.2
Jan-20	76.8	7,500	7,316	184.0	199.2
Feb-20	82.7	7,197	7,223	-25.6	199.2
Mar-20	80.0	7,256	7,267	-10.4	199.2
Apr-20	78.9	7,228	7,283	-55.0	199.2
May-20	73.6	7,395	7,367	27.6	199.2
Jun-20	83.5	7,129	7,211	-81.8	199.2

Regression Output:

Constant	8523.87
Std Err of Y Est	122.9033713
R Squared	0.330979873
No. of Observations	34
Degrees of Freedom	32
X Coefficient	-15.72599201
Std Err of Coef.	3.952408826

Hines Unit 3

$$\text{ANOHR} = -15.726 * \text{NOF} + 8,523.87$$



DUKE ENERGY FLORIDA

Hines Unit 4

ANOHR = -7.744 * NOF + 7,688.48

TABLE OF RESIDUALS

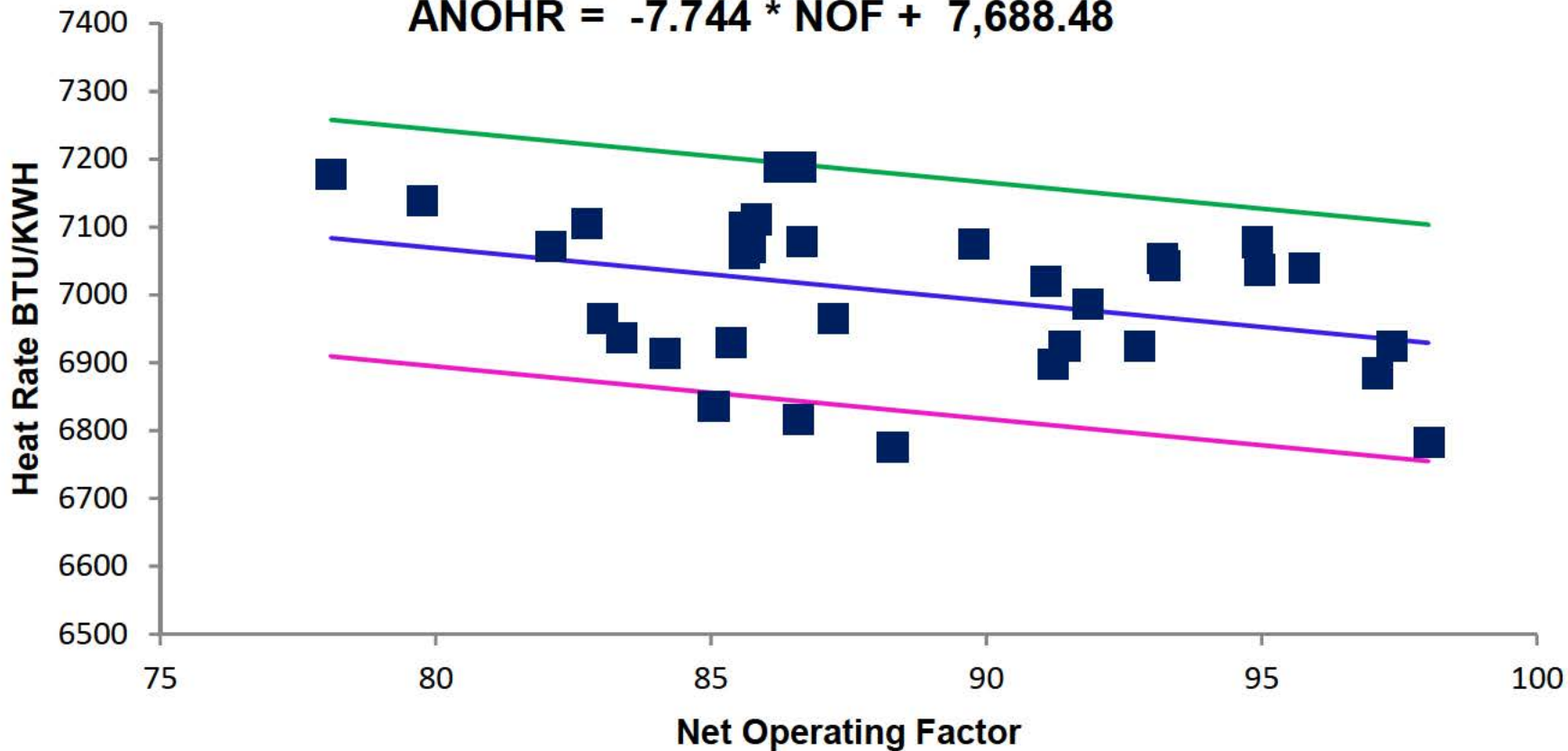
DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-17	82.8	7,105	7,048	57.2	174.2
Aug-17	86.7	7,079	7,017	62.0	174.2
Sep-17	91.9	6,986	6,977	9.3	174.2
Oct-17	94.9	7,077	6,953	123.9	174.2
Dec-17	87.2	6,964	7,013	-48.6	174.2
Jan-18	92.8	6,925	6,970	-45.2	174.2
Feb-18	91.2	6,898	6,982	-83.7	174.2
Mar-18	98.0	6,783	6,929	-146.0	174.2
Apr-18	91.1	7,021	6,983	37.9	174.2
May-18	93.2	7,053	6,967	86.8	174.2
Jun-18	95.0	7,037	6,953	84.1	174.2
Jul-18	95.8	7,040	6,947	93.3	174.2
Aug-18	93.2	7,044	6,966	77.7	174.2
Sep-18	97.4	6,924	6,935	-10.6	174.2
Oct-18	97.1	6,885	6,936	-51.7	174.2
Dec-18	85.1	6,836	7,030	-193.9	174.2
Jan-19	91.4	6,925	6,981	-55.5	174.2
Feb-19	84.2	6,913	7,037	-123.6	174.2
Mar-19	83.4	6,937	7,043	-105.7	174.2
Apr-19	86.6	6,817	7,018	-201.0	174.2
May-19	89.8	7,075	6,993	81.4	174.2
Jun-19	85.6	7,061	7,025	35.1	174.2
Jul-19	86.2	7,188	7,021	167.2	174.2
Aug-19	86.6	7,187	7,018	169.9	174.2
Sep-19	85.7	7,069	7,025	44.5	174.2
Oct-19	85.6	7,100	7,025	74.1	174.2
Dec-19	88.3	6,776	7,005	-229.2	174.2
Jan-20	85.4	6,930	7,027	-97.1	174.2
Feb-20	83.0	6,965	7,045	-80.1	174.2
Mar-20	78.1	7,178	7,084	94.2	174.2
Apr-20	79.8	7,138	7,071	67.5	174.2
May-20	82.1	7,070	7,053	17.8	174.2
Jun-20	85.8	7,112	7,024	87.9	174.2

Regression Output:

Constant	7688.48
Std Err of Y Est	107.523129
R Squared	0.128639767
No. of Observations	33
Degrees of Freedom	31
X Coefficient	-7.744256015
Std Err of Coef.	3.620012751

Hines Unit 4

$$\text{ANOHR} = -7.744 * \text{NOF} + 7,688.48$$



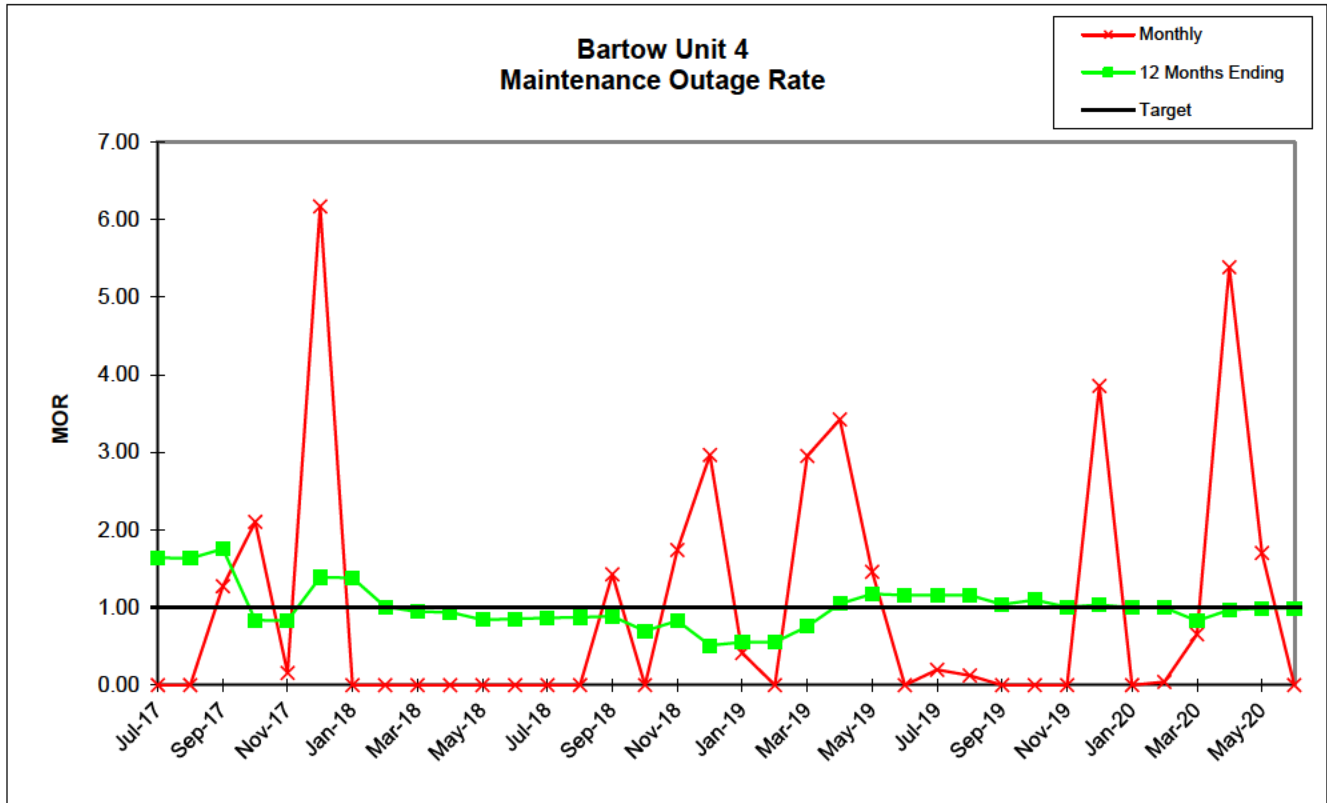
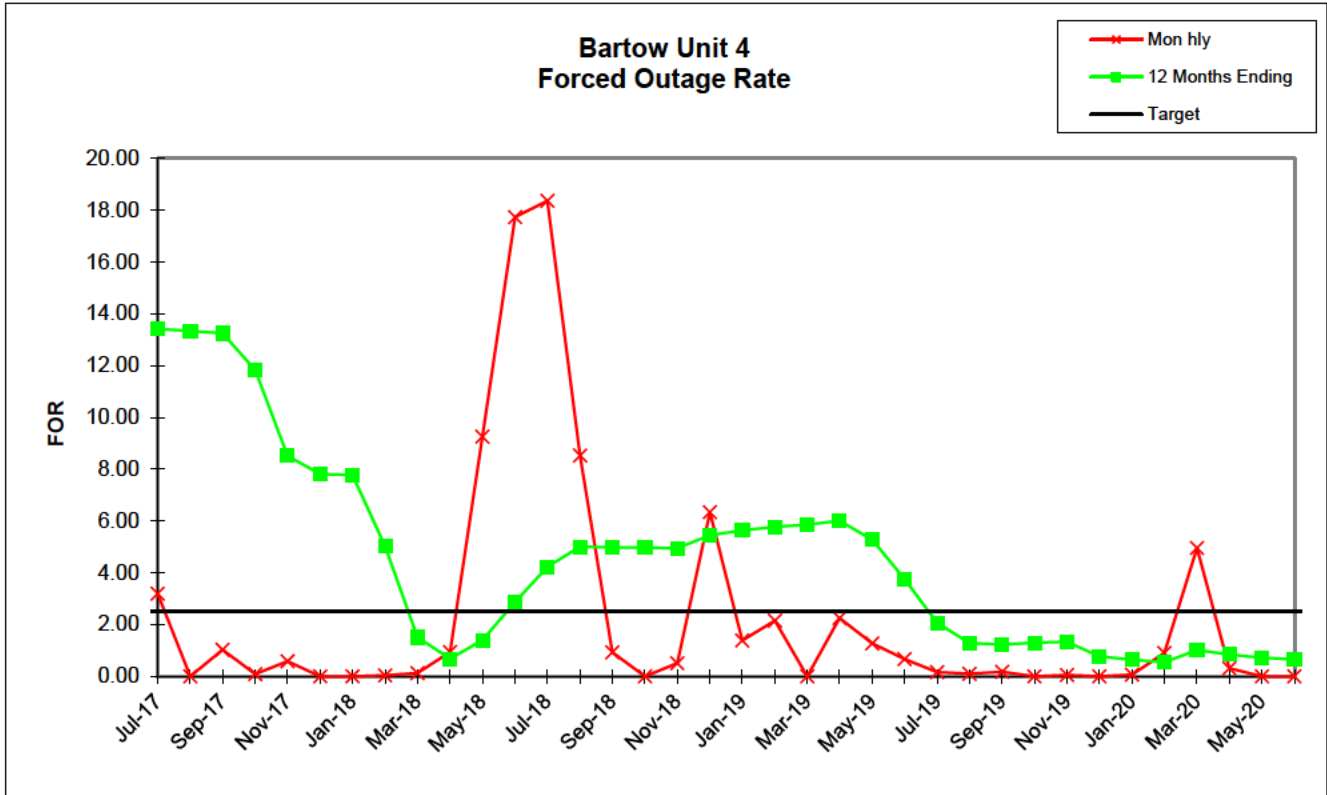
UNPLANNED OUTAGE RATE TABLES AND GRAPHS

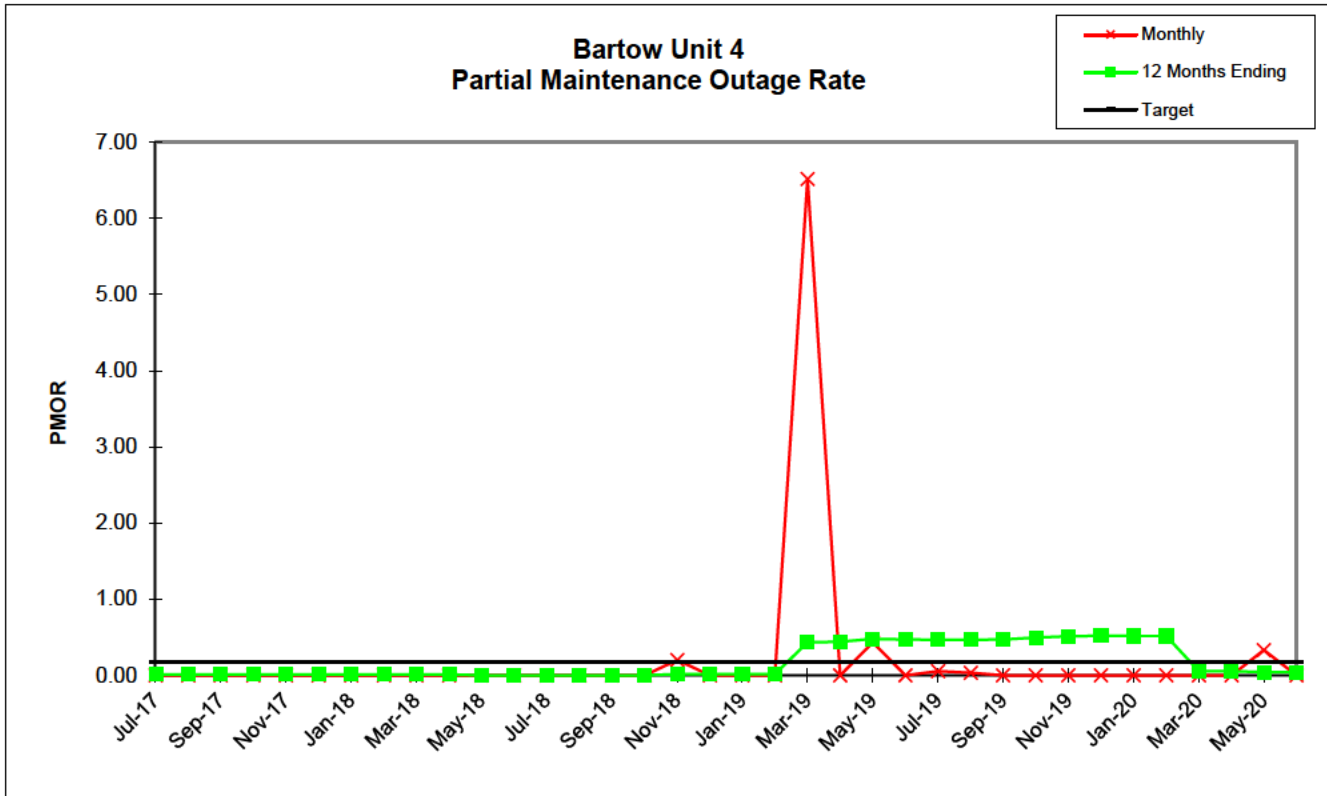
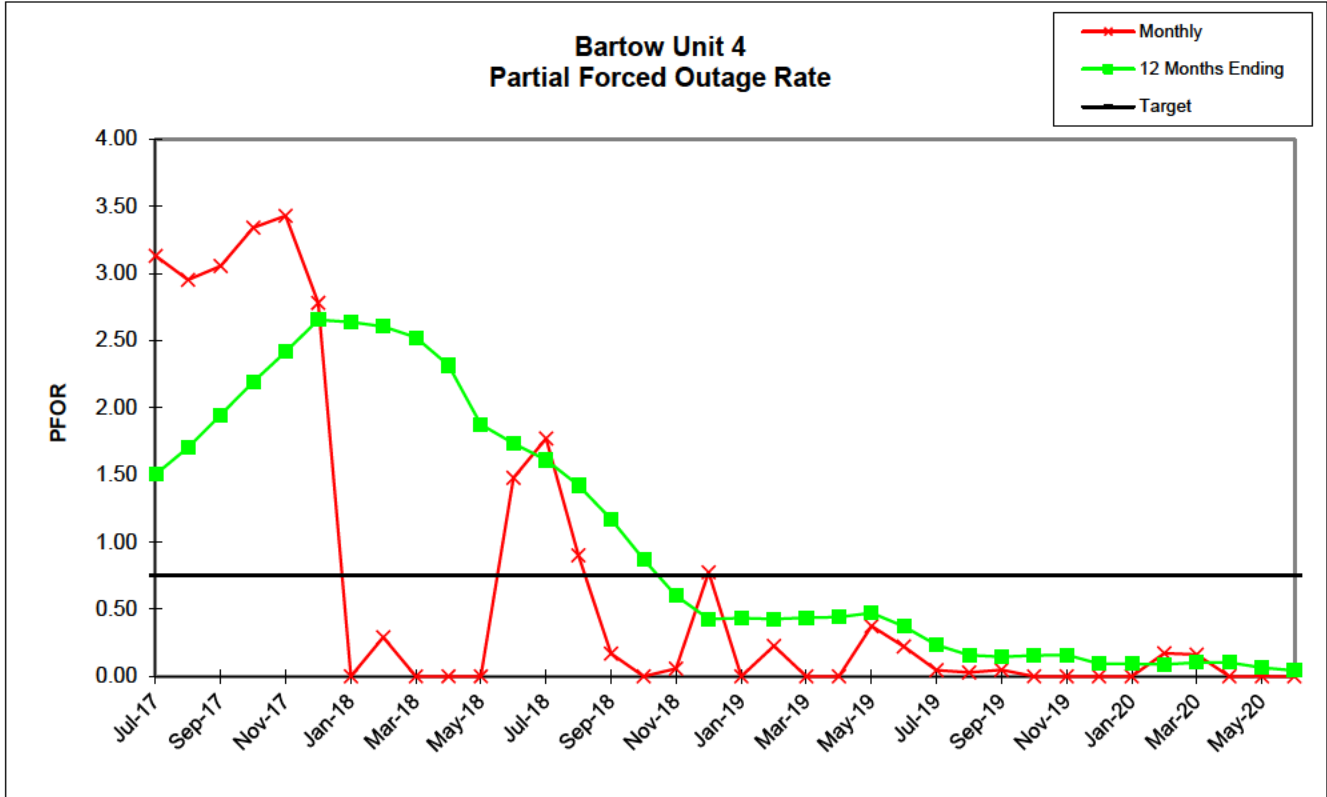
Bartow
Unit 4

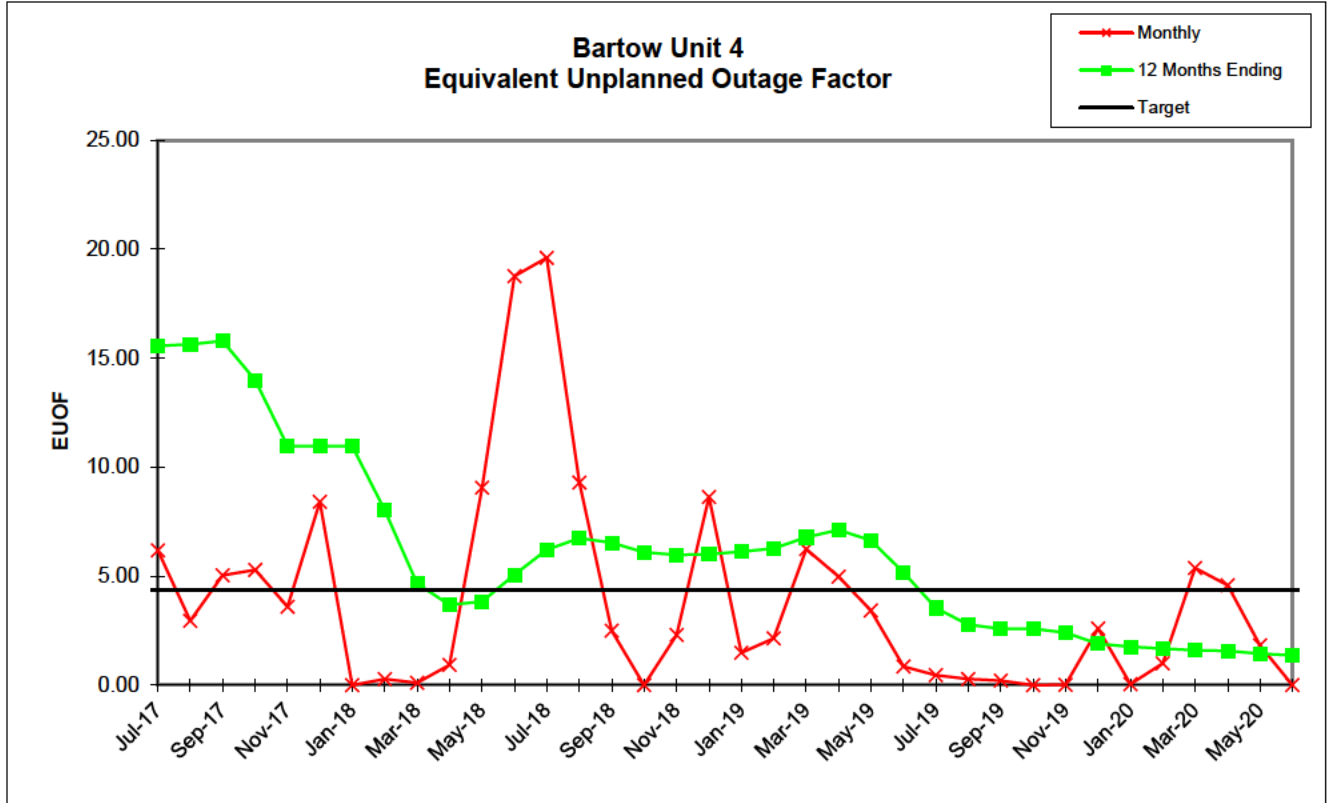
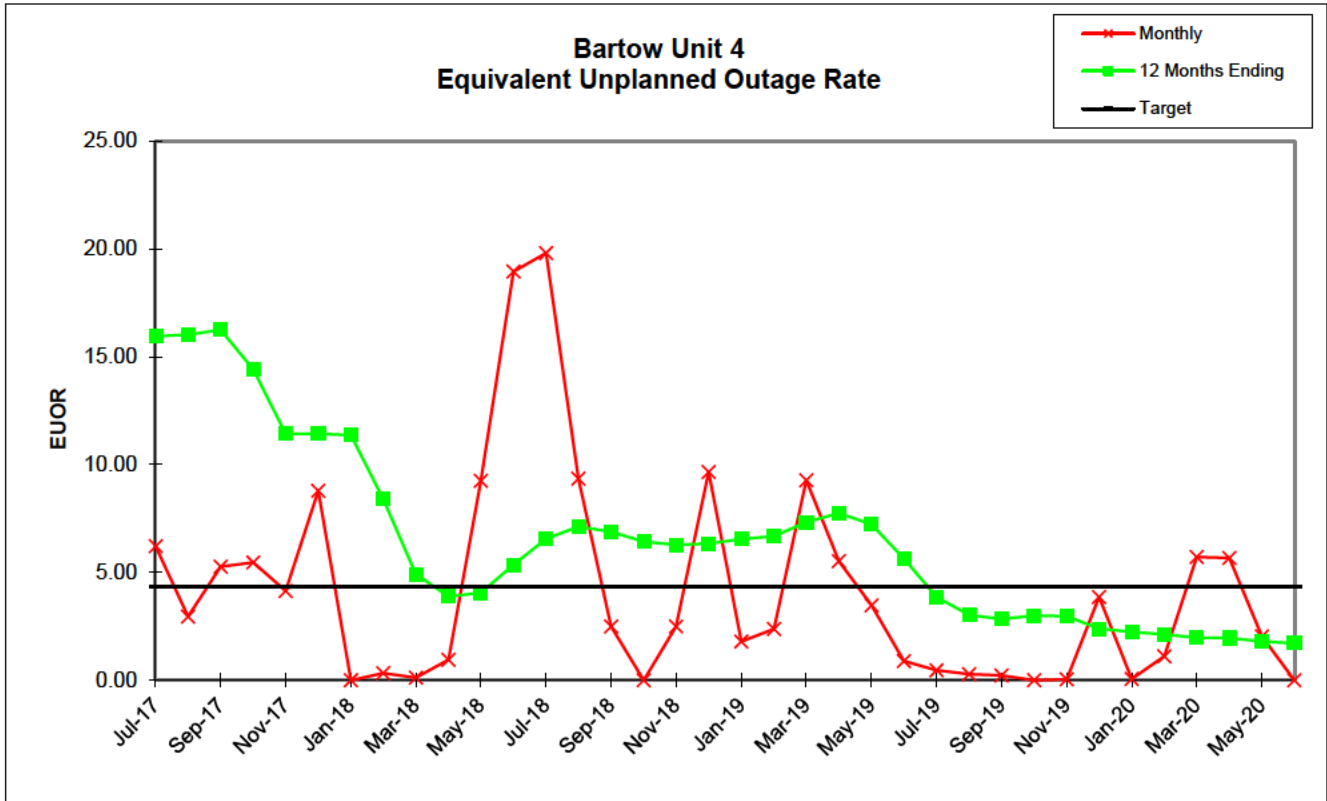
	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00
SER HOURS	716.07	744.00	673.72	703.50	620.52	669.22	723.12	576.01	617.32	699.21	660.66	586.42	601.19	675.79	702.70	708.62	654.33	605.85
RSH	4.35	0.00	30.57	24.71	42.01	0.00	20.88	95.74	13.25	14.12	15.97	7.14	7.57	5.18	0.51	35.38	23.94	55.22
UH	23.58	0.00	15.71	15.79	58.47	74.78	0.00	0.25	112.43	6.67	67.37	126.44	135.24	63.03	16.79	0.00	42.73	82.93
POH	0.00	0.00	0.00	0.00	53.82	30.75	0.00	0.00	111.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.77	23.38
FOH	23.58	0.00	7.01	0.67	3.68	0.00	0.00	0.25	0.78	6.67	67.37	126.44	135.24	63.03	6.61	0.00	3.35	41.02
MOH	0.00	0.00	8.70	15.12	0.97	44.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.18	0.00	11.61	18.53
PFOH	313.68	288.85	279.53	315.66	279.92	288.85	0.00	15.09	0.00	0.00	0.00	229.23	247.90	139.46	19.28	0.00	6.06	75.65
LRPF	78.98	84.00	81.39	82.28	84.00	71.19	0.00	120.02	0.00	0.00	0.00	40.82	46.36	47.15	66.99	0.00	67.04	67.00
EFOH	22.42	21.96	20.59	23.50	21.28	18.61	0.00	1.68	0.00	0.00	0.00	8.66	10.64	6.09	1.20	0.00	0.38	4.69
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	21.27	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	67.00	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	1.32	0.00
NPC	1105.00	1105.00	1105.00	1105.00	1105.00	1105.00	1080.00	1080.00	1080.00	1080.00	1080.00	1080.00	1080.00	1080.00	1080.00	1080.00	1080.00	1080.00
MONTHLY	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
FOR	3.19	0.00	1.03	0.10	0.59	0.00	0.00	0.04	0.13	0.94	9.25	17.74	18.36	8.53	0.93	0.00	0.51	6.34
MOR	0.00	0.00	1.27	2.10	0.16	6.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.43	0.00	1.74	2.97
PFOR	3.13	2.95	3.06	3.34	3.43	2.78	0.00	0.29	0.00	0.00	0.00	1.48	1.77	0.90	0.17	0.00	0.06	0.77
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	0.20	0.00
EUOR	6.22	2.95	5.26	5.46	4.15	8.78	0.00	0.33	0.13	0.94	9.25	18.95	19.81	9.36	2.50	0.00	2.49	9.65
EUOF	6.18	2.95	5.04	5.28	3.60	8.42	0.00	0.29	0.10	0.93	9.06	18.76	19.61	9.29	2.50	0.00	2.31	8.63
POF	0.00	0.00	0.00	0.00	7.46	4.13	0.00	0.00	15.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.85	3.14
EAF	93.82	97.05	94.96	94.72	88.94	87.45	100.00	99.71	84.87	99.07	90.94	81.24	80.39	90.71	97.50	100.00	93.84	88.22
12 MONTHS	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
FOR	13.42	13.34	13.25	11.83	8.52	7.82	7.77	5.03	1.52	0.68	1.40	2.87	4.23	5.00	4.98	4.97	4.95	5.46
MOR	1.64	1.64	1.76	0.84	0.83	1.39	1.38	1.01	0.95	0.94	0.84	0.85	0.87	0.87	0.89	0.70	0.83	0.51
PFOR	1.50	1.70	1.95	2.19	2.42	2.65	2.64	2.60	2.52	2.32	1.88	1.74	1.61	1.42	1.17	0.87	0.60	0.43
PMOR	0.01	0.01	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	0.02	0.02
EUOR	15.95	16.03	16.25	14.41	11.42	11.43	11.37	8.40	4.91	3.90	4.05	5.35	6.56	7.13	6.89	6.42	6.28	6.33
EUOF	15.56	15.64	15.79	14.00	10.97	10.97	10.97	8.02	4.66	3.69	3.84	5.07	6.21	6.75	6.54	6.09	5.98	6.00
POF	0.47	0.47	0.47	0.47	1.08	1.43	1.43	1.43	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	1.94	1.86
EAF	83.97	83.89	83.74	85.53	87.95	87.59	87.59	90.55	93.10	94.07	93.92	92.69	91.55	91.01	91.22	91.67	92.07	92.14

Bartow
Unit 4

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744.00	696.00	743.00	720.00	744.00	720.00
SER HOURS	603.93	593.93	485.47	612.30	711.99	695.10	737.09	740.57	670.41	278.80	189.58	483.51	615.84	621.13	660.96	549.05	654.16	691.89
RSH	129.04	65.02	8.72	1.31	12.29	20.24	4.23	1.78	23.79	7.57	48.81	71.93	8.61	68.95	43.16	137.94	78.46	28.11
UH	11.03	13.05	248.81	106.39	19.72	4.66	2.68	1.65	25.80	457.63	482.61	188.56	119.55	5.92	38.88	33.01	11.38	0.00
POH	0.00	0.00	234.02	70.58	0.00	0.00	0.00	0.00	24.63	457.63	482.51	169.16	119.17	0.00	0.00	0.00	0.00	0.00
FOH	8.52	13.05	0.00	14.09	9.17	4.66	1.22	0.73	1.17	0.00	0.10	0.00	0.38	5.67	34.52	1.74	0.03	0.00
MOH	2.51	0.00	14.79	21.72	10.55	0.00	1.46	0.92	0.00	0.00	0.00	19.40	0.00	0.25	4.36	31.27	11.35	0.00
PFOH	0.00	21.61	0.00	0.00	15.36	24.79	1.93	1.19	1.84	0.00	0.00	0.00	0.00	11.24	11.37	0.00	0.06	0.00
LRPF	0.00	66.98	0.00	0.00	186.98	67.00	186.77	187.05	187.58	0.00	0.00	0.00	0.00	108.20	108.23	0.00	105.50	0.00
EFOH	0.00	1.34	0.00	0.00	2.66	1.54	0.33	0.21	0.32	0.00	0.00	0.00	0.00	1.06	1.08	0.00	0.01	0.00
PMOH	0.00	0.00	182.68	0.00	17.83	0.00	2.32	1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.67	0.00
LRPM	0.00	0.00	187.00	0.00	187.01	0.00	187.23	187.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	114.17	0.00
EMOH	0.00	0.00	31.63	0.00	3.09	0.00	0.40	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.16	0.00
NPC	1080.00	1080.00	1080.00	1080.00	1080.00	1080.00	1080.00	1080.00	1080.00	1080.00	1080.00	1080.00	1144.00	1144.00	1144.00	1144.00	1144.00	1144.00
MONTHLY	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
FOR	1.39	2.15	0.00	2.25	1.27	0.67	0.17	0.10	0.17	0.00	0.05	0.00	0.06	0.90	4.96	0.32	0.00	0.00
MOR	0.41	0.00	2.96	3.43	1.46	0.00	0.20	0.12	0.00	0.00	0.00	3.86	0.00	0.04	0.66	5.39	1.71	0.00
PFOR	0.00	0.23	0.00	0.00	0.37	0.22	0.05	0.03	0.05	0.00	0.00	0.00	0.00	0.17	0.16	0.00	0.00	0.00
PMOR	0.00	0.00	6.52	0.00	0.43	0.00	0.05	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00
EUOR	1.79	2.37	9.28	5.53	3.48	0.89	0.46	0.29	0.22	0.00	0.05	3.86	0.06	1.11	5.71	5.67	2.04	0.00
EUOF	1.48	2.14	6.25	4.97	3.42	0.86	0.46	0.29	0.21	0.00	0.01	2.61	0.05	1.00	5.38	4.58	1.82	0.00
POF	0.00	0.00	31.50	9.80	0.00	0.00	0.00	0.00	3.42	61.51	66.92	22.74	16.02	0.00	0.00	0.00	0.00	0.00
EAF	98.52	97.86	62.26	85.22	96.58	99.14	99.54	99.71	96.37	38.49	33.06	74.66	83.93	99.00	94.62	95.42	98.18	100.00
12 MONTHS	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
FOR	5.63	5.77	5.86	6.01	5.28	3.76	2.07	1.29	1.23	1.30	1.34	0.77	0.65	0.54	1.01	0.85	0.72	0.66
MOR	0.55	0.55	0.75	1.05	1.18	1.16	1.16	1.16	1.04	1.10	1.01	1.04	1.00	1.00	0.83	0.97	0.99	0.99
PFOR	0.43	0.43	0.44	0.44	0.47	0.37	0.23	0.16	0.15	0.16	0.16	0.09	0.09	0.09	0.10	0.10	0.07	0.04
PMOR	0.02	0.02	0.43	0.44	0.48	0.47	0.47	0.47	0.47	0.50	0.51	0.52	0.52	0.52	0.05	0.05	0.04	0.04
EUOR	6.55	6.68	7.34	7.75	7.23	5.64	3.86	3.03	2.84	3.00	2.97	2.39	2.24	2.13	1.98	1.96	1.80	1.72
EUOF	6.13	6.27	6.79	7.12	6.65	5.17	3.55	2.78	2.59	2.59	2.41	1.89	1.77	1.68	1.61	1.58	1.44	1.37
POF	1.86	1.86	3.26	4.06	4.06	4.06	4.06	4.06	4.34	9.57	14.76	16.42	17.78	17.73	15.07	14.27	14.27	14.27
EAF	92.01	91.87	89.95	88.82	89.29	90.77	92.39	93.16	93.06	87.84	82.84	81.69	80.45	80.58	83.32	84.16	84.29	84.36





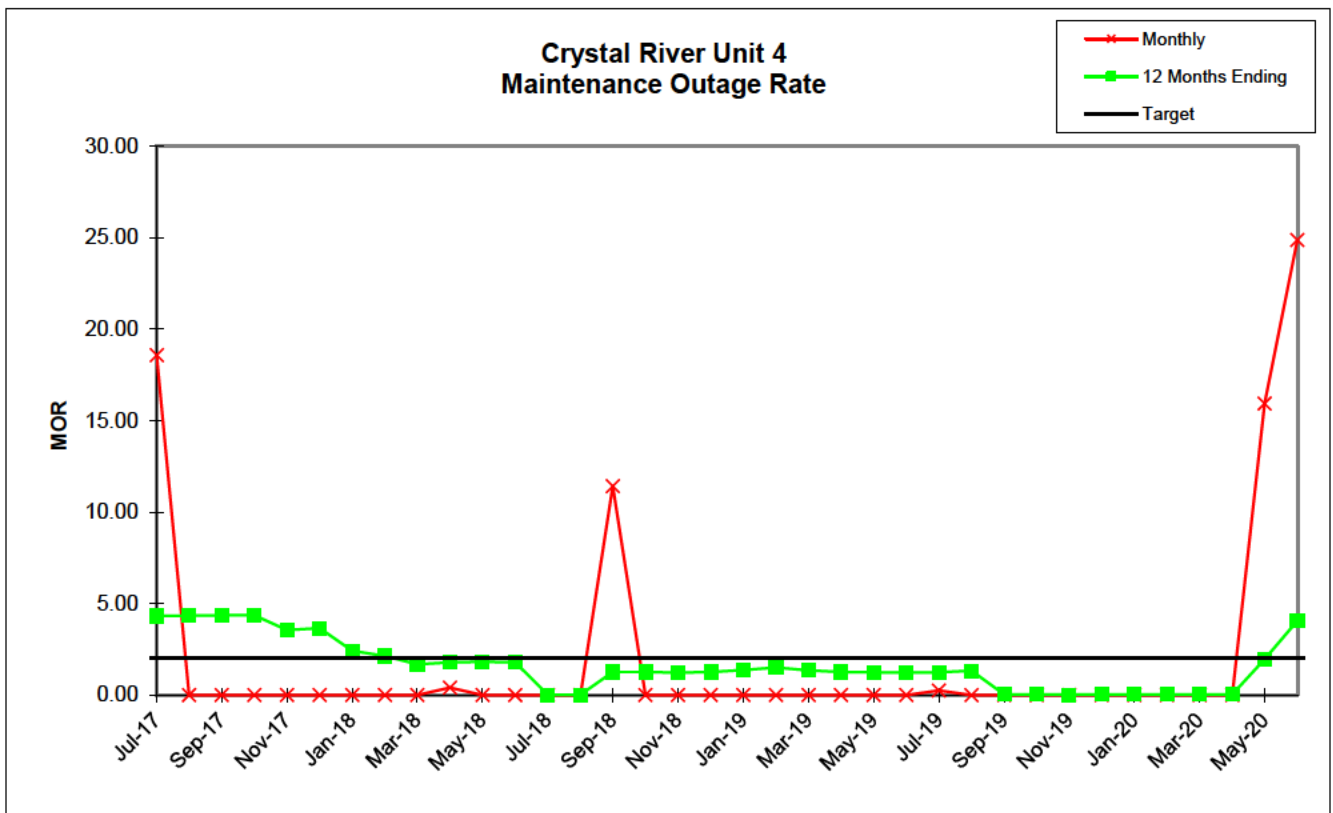
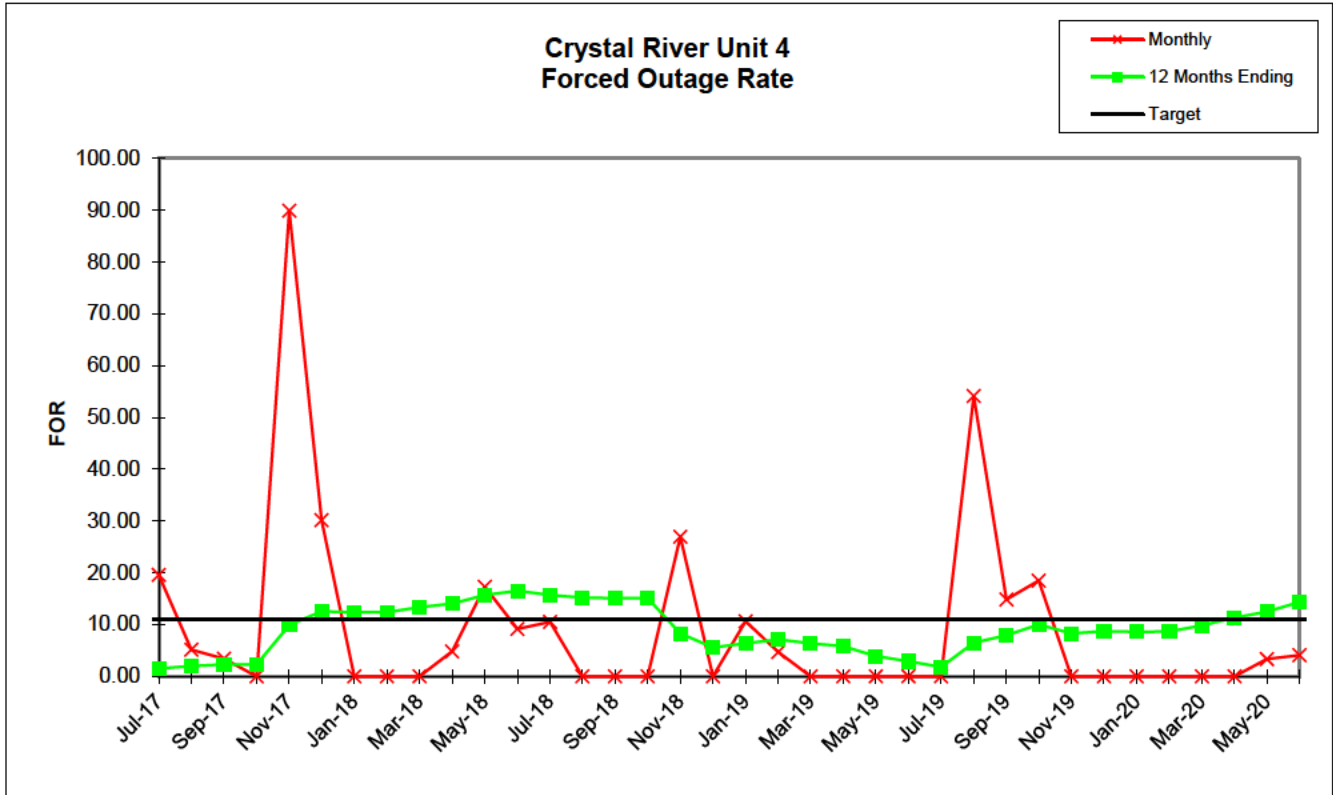


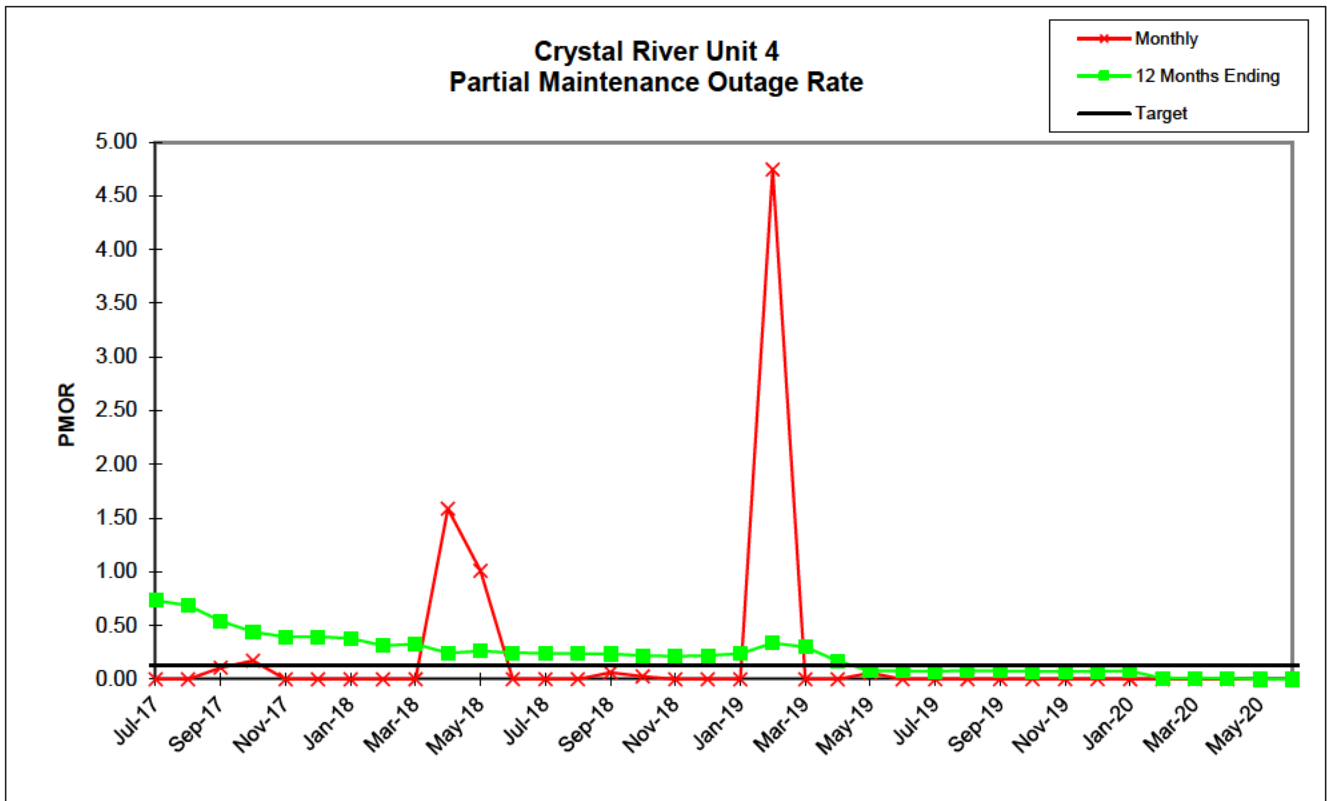
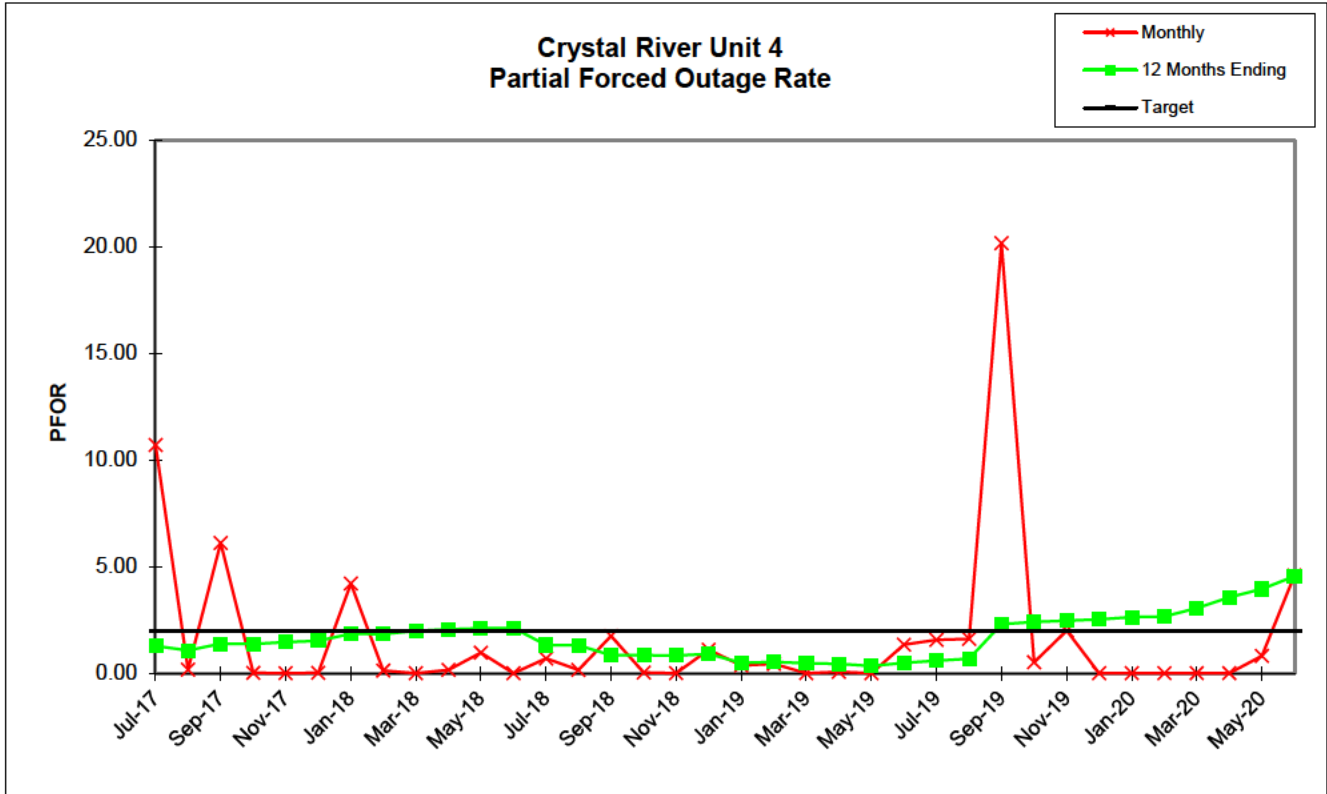
Crystal River
Unit 4

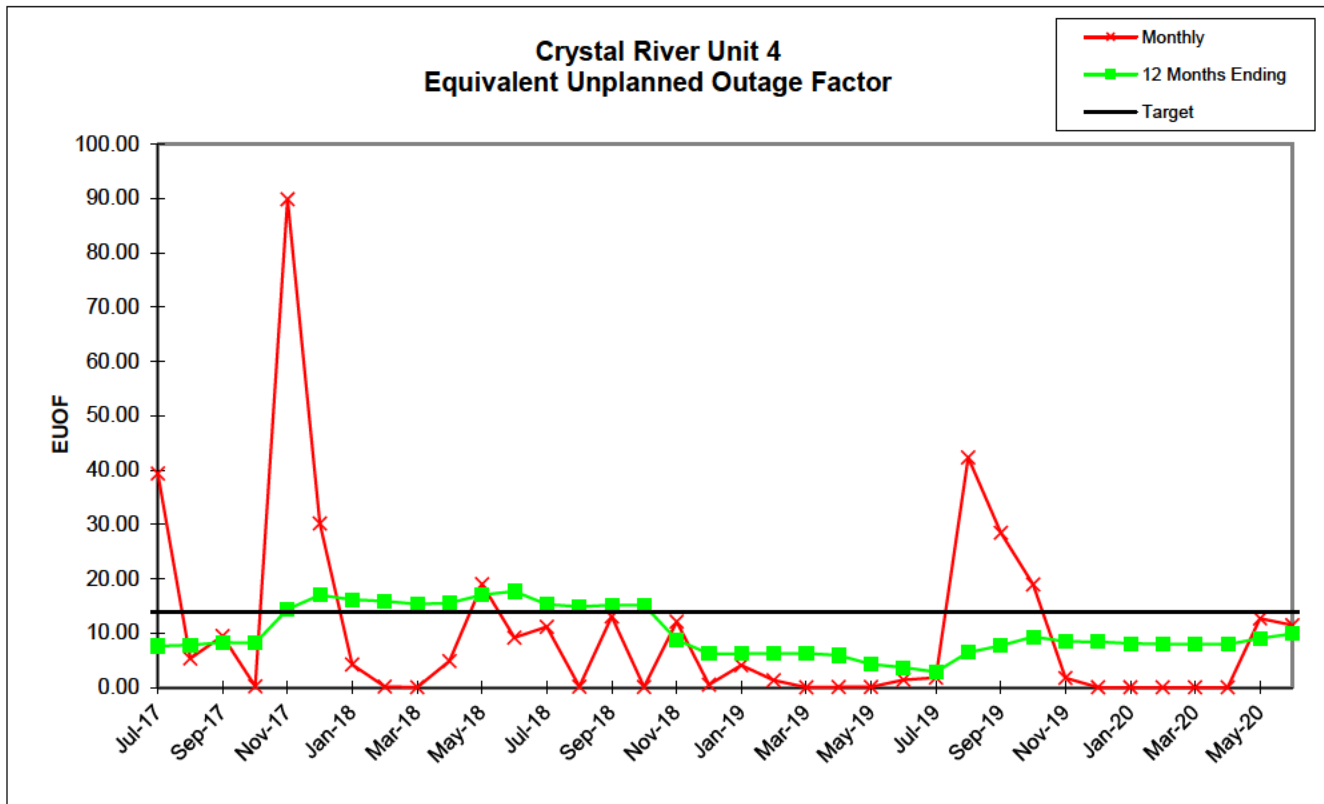
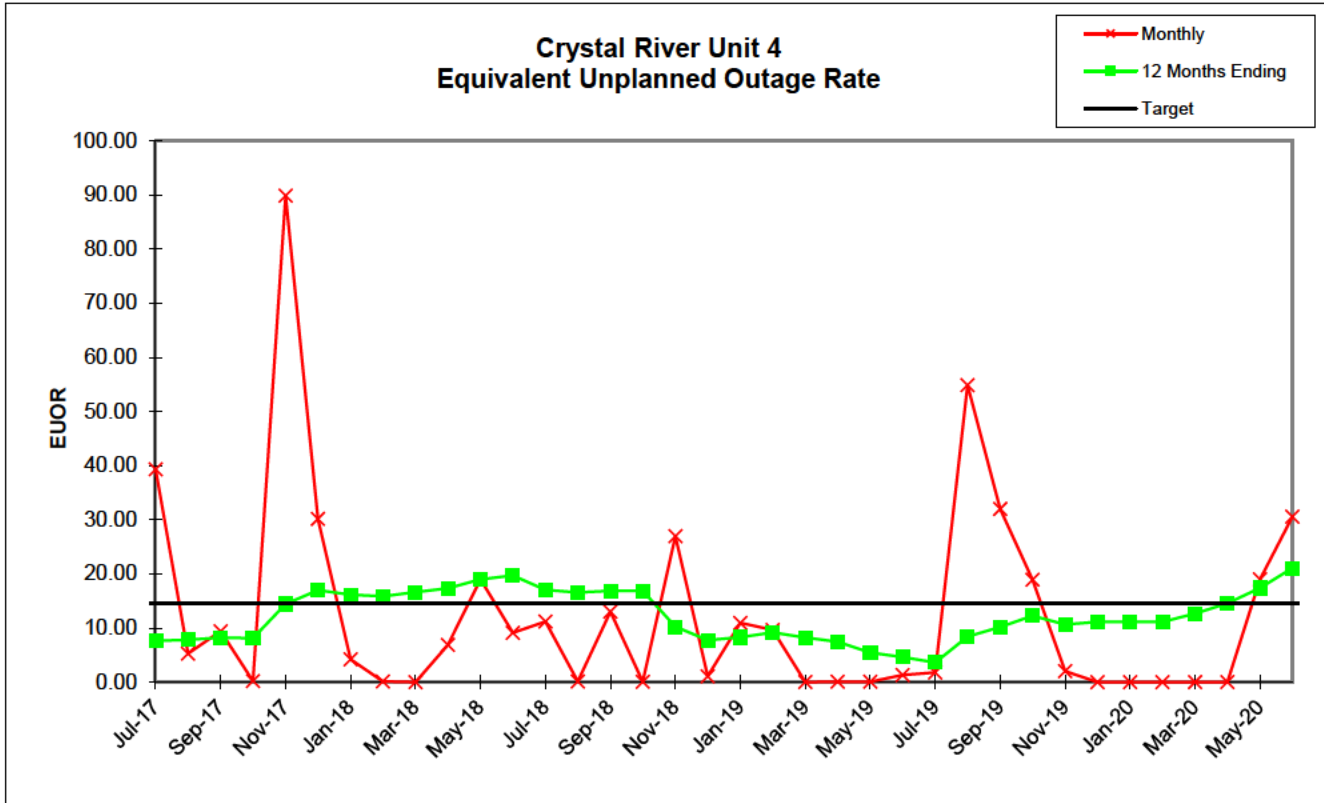
	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00
SER HOURS	505.35	705.75	695.30	744.00	72.78	519.57	744.00	672.00	47.78	482.33	615.00	654.25	665.55	744.00	637.70	744.00	236.67	313.82
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	247.98	414.50
UH	238.65	38.25	24.70	0.00	648.22	224.43	0.00	0.00	695.22	237.67	129.00	65.75	78.45	0.00	82.30	0.00	236.35	15.68
POH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	695.22	211.03	0.00	0.00	0.00	0.00	0.00	0.00	148.98	15.68
FOH	123.38	38.25	24.70	0.00	648.22	224.43	0.00	0.00	0.00	24.63	129.00	65.75	78.45	0.00	0.00	0.00	87.37	0.00
MOH	115.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	82.30	0.00	0.00	0.00
PFOH	77.98	9.00	90.28	0.92	0.00	0.83	65.74	6.48	0.00	5.95	39.72	0.00	20.43	8.08	125.70	2.00	0.00	11.73
LRPF	494.02	93.00	334.75	92.66	0.00	93.37	339.02	93.05	0.00	93.00	106.76	0.00	161.37	99.47	63.14	93.00	0.00	209.88
EFOH	54.11	1.18	42.45	0.12	0.00	0.11	31.30	0.85	0.00	0.78	5.96	0.00	4.63	1.13	11.15	0.26	0.00	3.46
PMOH	0.00	0.00	5.73	1.63	0.00	0.00	0.00	0.00	0.00	34.08	13.35	0.00	0.00	0.00	3.00	0.50	0.00	0.00
LRPM	0.00	0.00	93.05	561.15	0.00	0.00	0.00	0.00	0.00	160.04	331.00	0.00	0.00	0.00	93.00	284.00	0.00	0.00
EMOH	0.00	0.00	0.75	1.28	0.00	0.00	0.00	0.00	0.00	7.66	6.21	0.00	0.00	0.00	0.39	0.20	0.00	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-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
FOR	19.62	5.14	3.43	0.00	89.91	30.17	0.00	0.00	0.00	4.86	17.34	9.13	10.54	0.00	0.00	0.00	26.96	0.00
MOR	18.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.00	11.43	0.00	0.00	0.00
PFOR	10.71	0.17	6.10	0.02	0.00	0.02	4.21	0.13	0.00	0.16	0.97	0.00	0.70	0.15	1.75	0.04	0.00	1.10
PMOR	0.00	0.00	0.11	0.17	0.00	0.00	0.00	0.00	0.00	1.59	1.01	0.00	0.00	0.00	0.06	0.03	0.00	0.00
EUOR	39.35	5.30	9.43	0.19	89.91	30.18	4.21	0.13	0.00	6.89	18.97	9.13	11.17	0.15	13.03	0.06	26.96	1.10
EUOF	39.35	5.30	9.43	0.19	89.91	30.18	4.21	0.13	0.00	4.87	18.97	9.13	11.17	0.15	13.03	0.06	12.12	0.46
POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93.57	29.31	0.00	0.00	0.00	0.00	0.00	0.00	20.66	2.11
EAF	60.65	94.70	90.57	99.81	10.09	69.82	95.79	99.87	6.43	65.82	81.03	90.87	88.83	99.85	86.97	99.94	67.22	97.43
12 MONTHS	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
FOR	1.52	1.98	2.27	2.27	9.89	12.54	12.40	12.37	13.38	14.07	15.73	16.52	15.71	15.22	15.07	15.07	8.27	5.55
MOR	4.33	4.35	4.36	4.36	3.56	3.66	2.43	2.15	1.69	1.78	1.82	1.78	0.03	0.03	1.26	1.26	1.23	1.27
PFOR	1.28	1.07	1.39	1.37	1.47	1.51	1.85	1.84	1.99	2.05	2.11	2.12	1.32	1.31	0.85	0.85	0.83	0.91
PMOR	0.73	0.69	0.54	0.44	0.39	0.39	0.38	0.31	0.33	0.24	0.26	0.25	0.24	0.24	0.24	0.22	0.21	0.22
EUOR	7.62	7.81	8.25	8.14	14.42	16.97	16.18	15.87	16.63	17.33	19.00	19.72	17.05	16.56	16.89	16.88	10.25	7.73
EUOF	7.62	7.81	8.25	8.14	14.42	16.97	16.18	15.87	15.31	15.54	17.03	17.68	15.28	14.84	15.14	15.13	8.73	6.20
POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.94	10.35	10.35	10.35	10.35	10.35	10.35	10.35	12.05	12.23
EAF	92.38	92.19	91.75	91.86	85.58	83.03	83.82	84.13	76.76	74.12	72.62	71.98	74.37	74.81	74.51	74.52	79.23	81.57

Crystal River
Unit 4

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744.00	696.00	743.00	720.00	744.00	720.00
SER HOURS	248.95	85.33	743.00	720.00	744.00	720.00	742.15	263.35	545.87	606.38	627.60	0.00	0.00	0.00	0.00	0.00	404.67	196.20
RSH	465.47	582.43	0.00	0.00	0.00	0.00	0.00	169.83	79.07	0.00	69.42	264.00	744.00	336.00	0.00	0.00	50.90	450.40
UH	29.58	4.23	0.00	0.00	0.00	0.00	1.85	310.82	95.07	137.62	23.98	480.00	0.00	360.00	743.00	720.00	288.43	73.40
POH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.98	480.00	0.00	360.00	743.00	720.00	197.58	0.00
FOH	29.58	4.23	0.00	0.00	0.00	0.00	0.00	310.82	95.07	137.62	0.00	0.00	0.00	0.00	0.00	0.00	14.08	8.40
MOH	0.00	0.00	0.00	0.00	0.00	0.00	1.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	76.77	65.00
PFOH	2.23	2.90	0.00	1.65	0.00	70.00	71.48	17.58	525.63	9.70	38.80	0.00	0.00	0.00	0.00	0.00	42.02	28.62
LRPF	284.43	93.00	0.00	188.00	0.00	98.19	115.21	171.04	149.10	231.94	231.13	0.00	0.00	0.00	0.00	0.00	56.18	223.83
EFOH	0.89	0.38	0.00	0.44	0.00	9.65	11.57	4.22	110.07	3.16	12.60	0.00	0.00	0.00	0.00	0.00	3.32	9.00
PMOH	0.00	31.00	0.00	0.00	3.33	0.00	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	93.00	0.00	0.00	93.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMOH	0.00	4.05	0.00	0.00	0.44	0.00	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	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-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
FOR	10.62	4.72	0.00	0.00	0.00	0.00	0.00	54.13	14.83	18.50	0.00	0.00	0.00	0.00	0.00	0.00	3.36	4.11
MOR	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.95	24.89
PFOR	0.36	0.44	0.00	0.06	0.00	1.34	1.56	1.60	20.17	0.52	2.01	0.00	0.00	0.00	0.00	0.00	0.82	4.59
PMOR	0.00	4.75	0.00	0.00	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	0.00
EUOR	10.94	9.67	0.00	0.06	0.06	1.34	1.80	54.87	32.01	18.92	2.01	0.00	0.00	0.00	0.00	0.00	19.00	30.56
EUOF	4.10	1.29	0.00	0.06	0.06	1.34	1.80	42.34	28.49	18.92	1.75	0.00	0.00	0.00	0.00	0.00	12.66	11.44
POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.33	64.52	0.00	51.72	100.00	100.00	26.56	0.00
EAF	95.90	98.71	100.00	99.94	99.94	98.66	98.20	57.66	71.51	81.08	94.93	35.48	100.00	48.28	0.00	0.00	60.79	88.56
12 MONTHS	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
FOR	6.40	7.11	6.36	5.80	3.90	2.93	1.78	6.51	7.94	10.02	8.32	8.72	8.63	8.69	9.86	11.34	12.48	14.32
MOR	1.37	1.52	1.35	1.27	1.24	1.23	1.24	1.34	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	1.97	4.07
PFOR	0.48	0.52	0.46	0.44	0.34	0.48	0.58	0.68	2.31	2.41	2.46	2.53	2.62	2.66	3.05	3.56	3.95	4.55
PMOR	0.24	0.34	0.30	0.17	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.08	0.01	0.01	0.01	0.00	0.00
EUOR	8.27	9.21	8.25	7.49	5.45	4.63	3.62	8.39	10.16	12.28	10.66	11.12	11.13	11.15	12.65	14.54	17.39	21.08
EUOF	6.19	6.28	6.28	5.89	4.28	3.64	2.85	6.43	7.70	9.30	8.45	8.41	8.06	7.94	7.94	7.94	9.00	9.83
POF	12.23	12.23	4.29	1.88	1.88	1.88	1.88	1.88	1.88	1.88	0.45	5.75	5.75	9.84	18.29	26.49	28.74	28.74
EAF	81.58	81.49	89.43	92.23	93.84	94.48	95.27	91.69	90.42	88.82	91.10	85.84	86.19	82.22	73.76	65.57	62.26	61.43





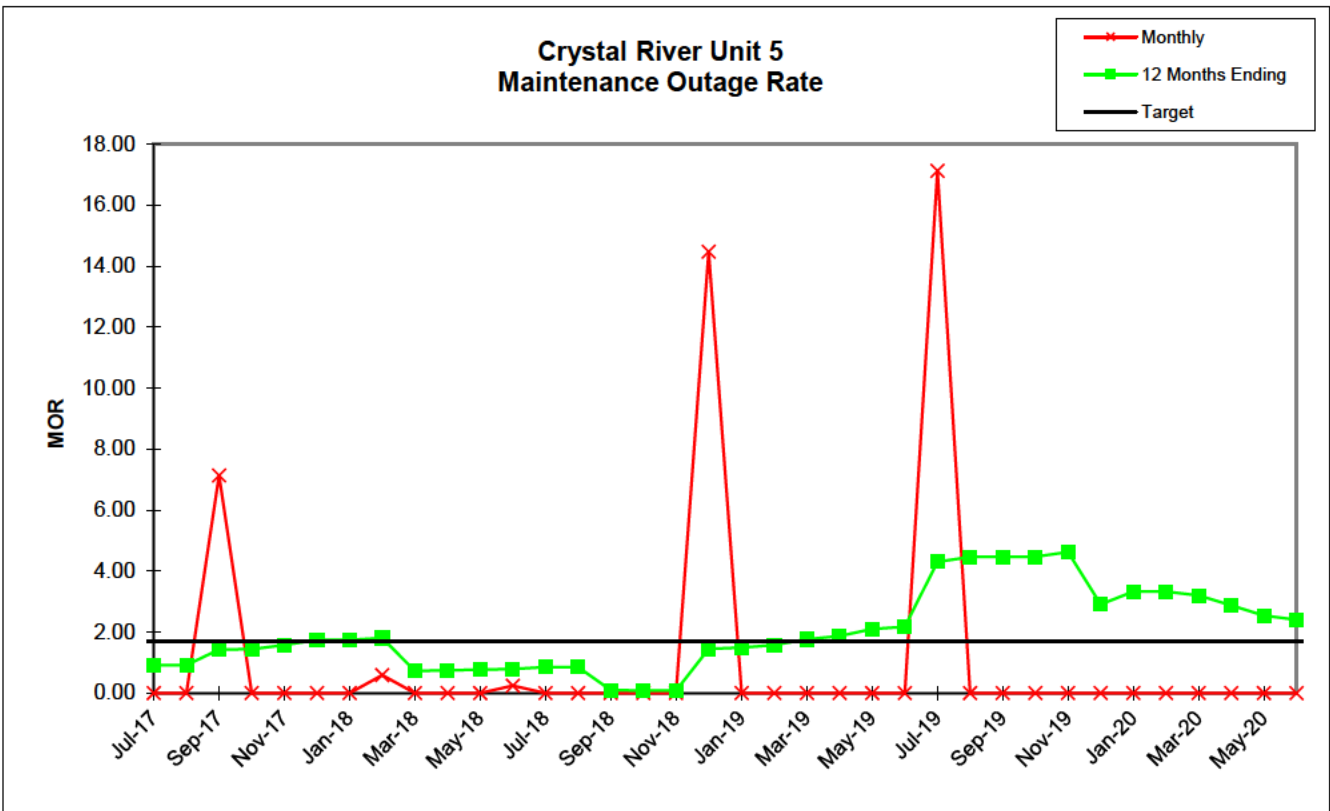
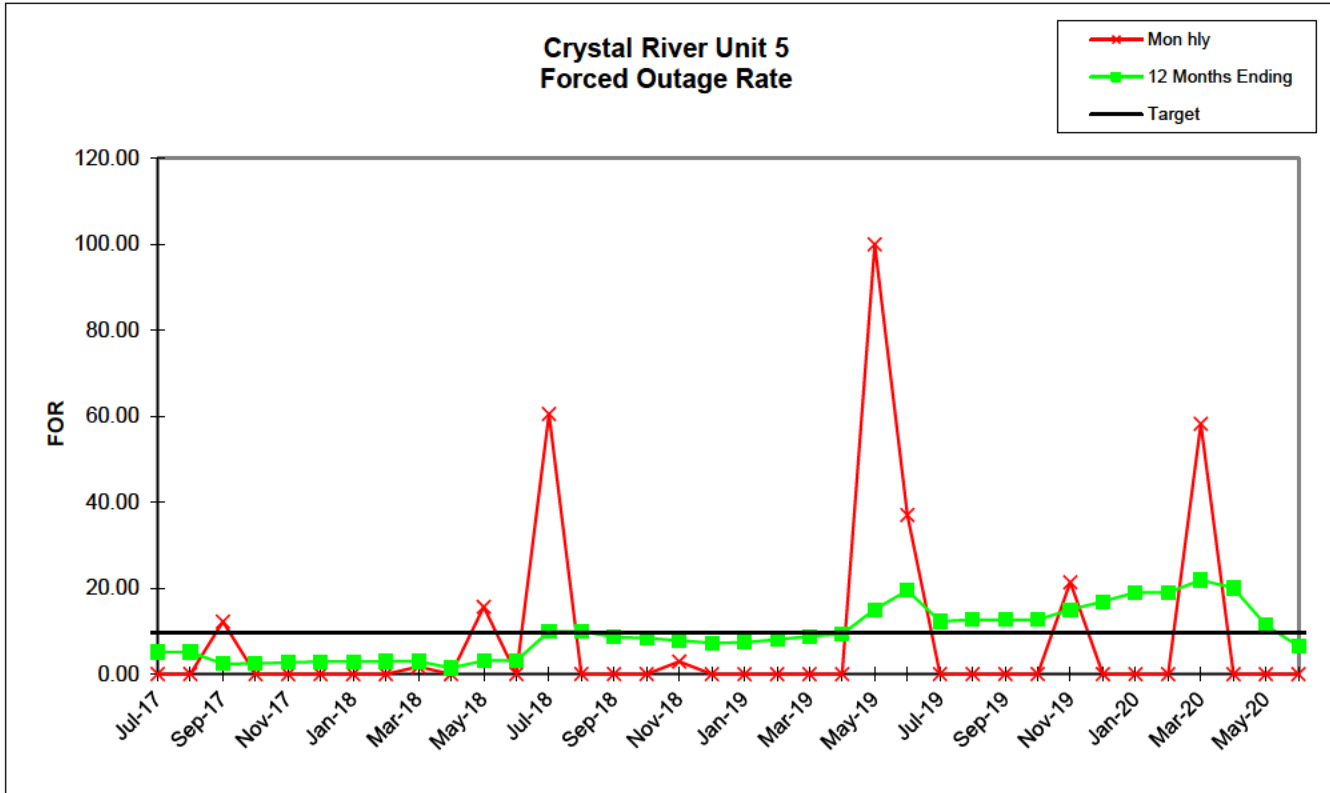


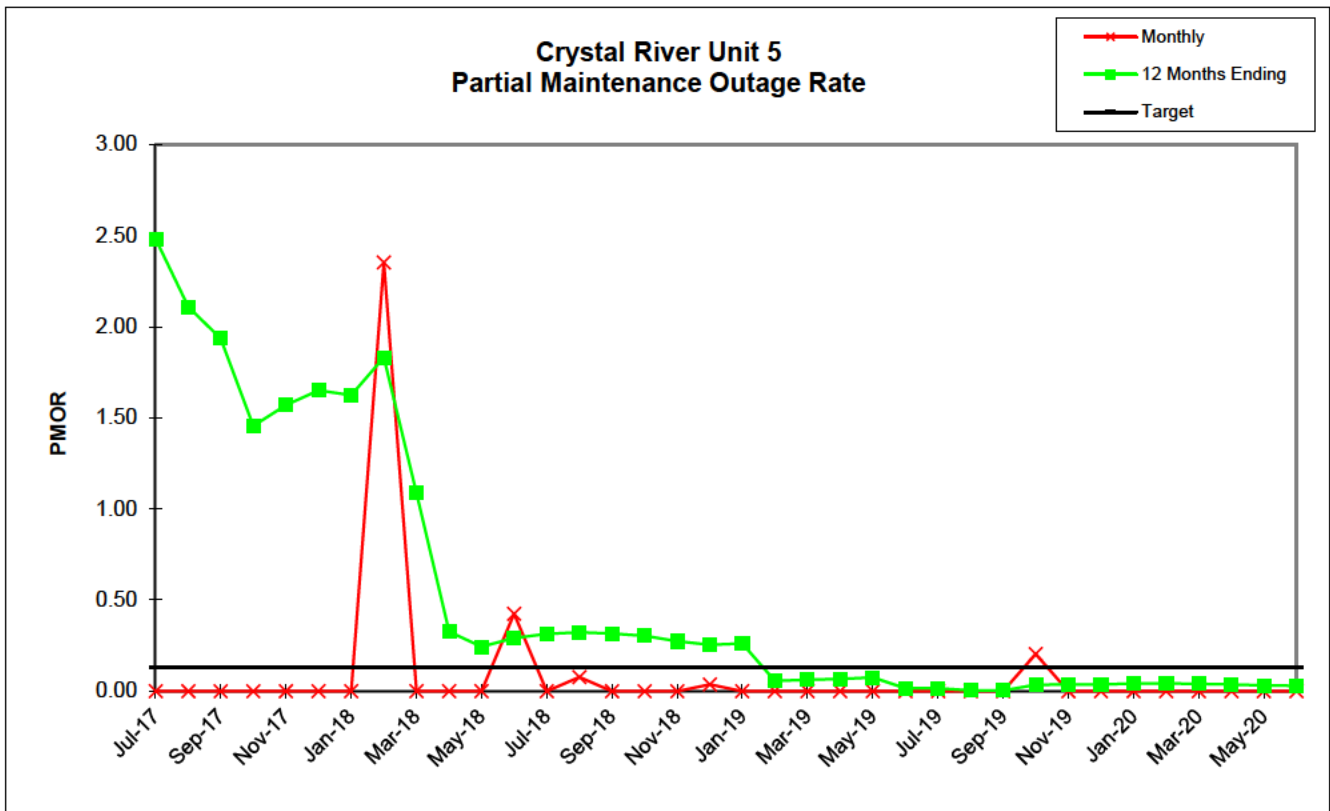
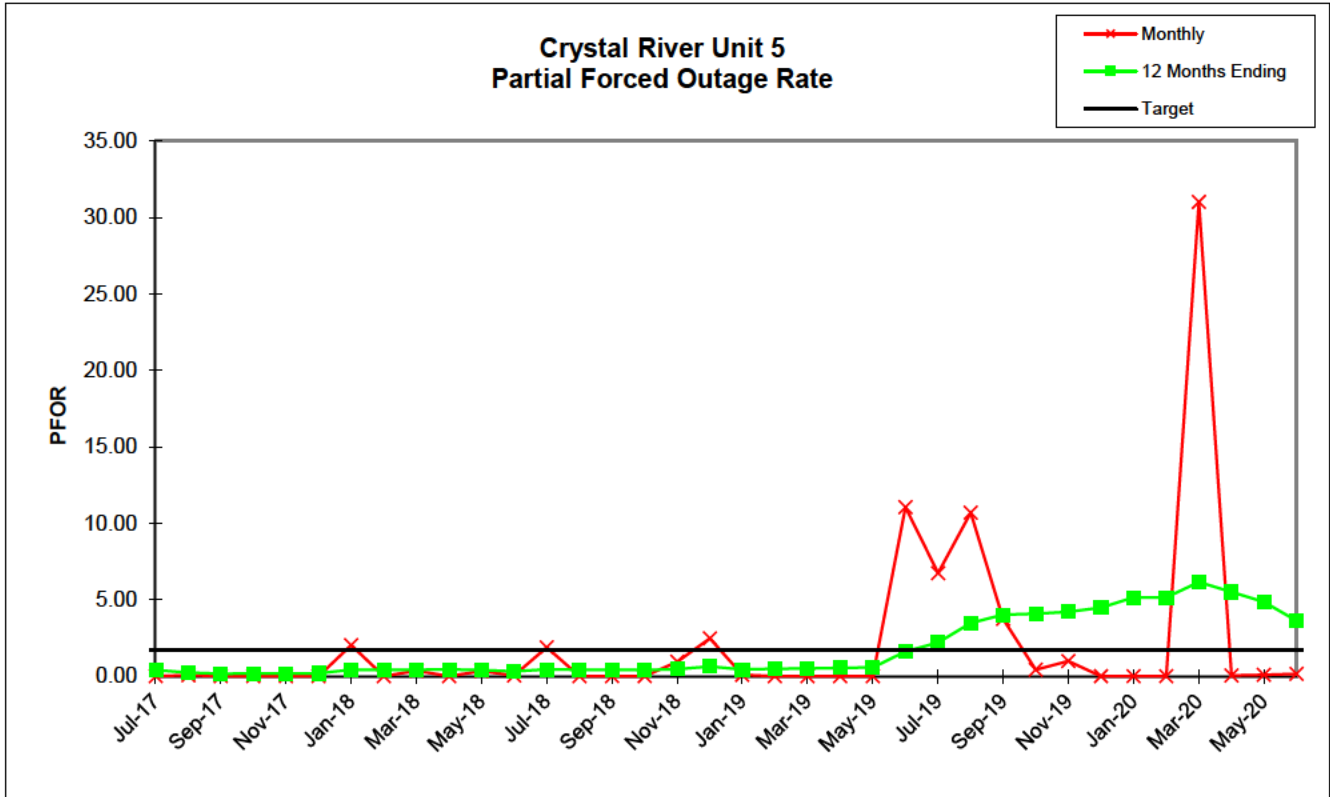
Crystal River
Unit 5

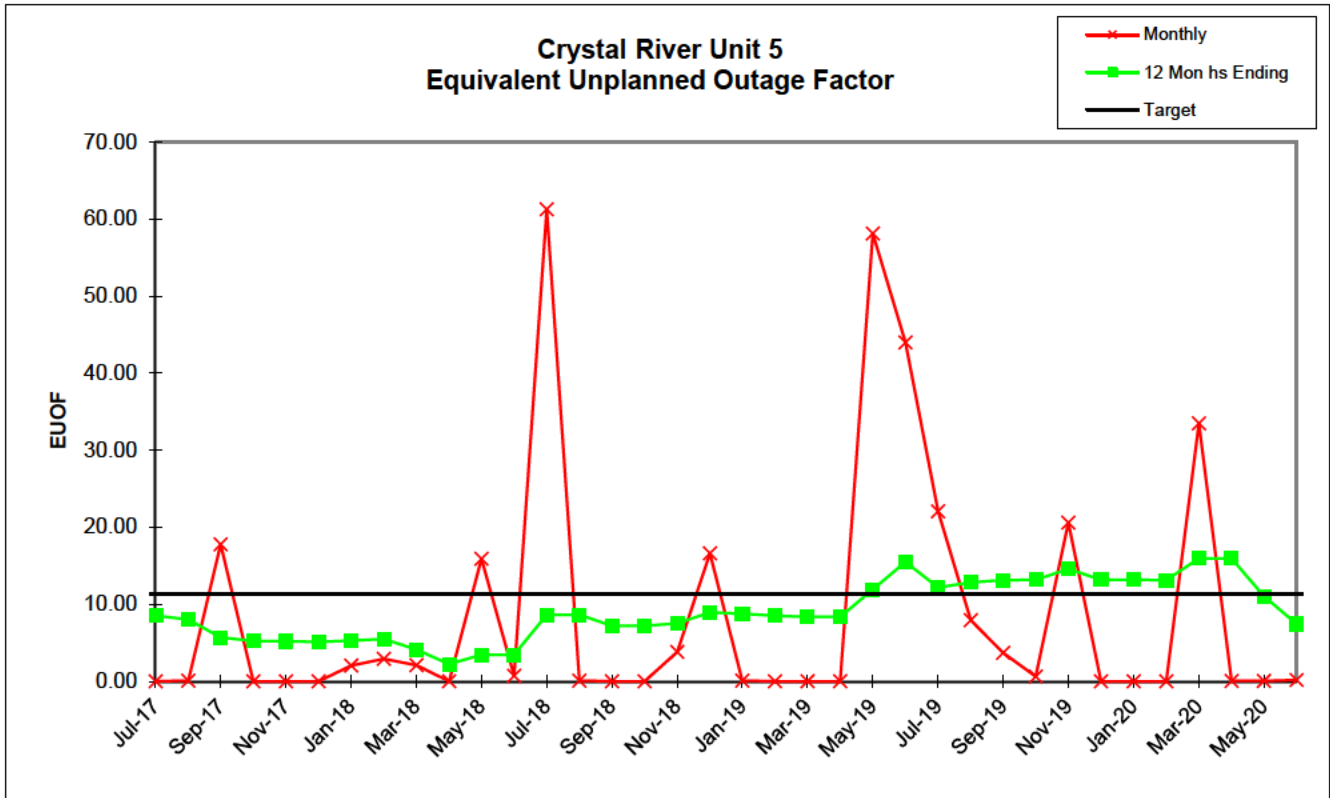
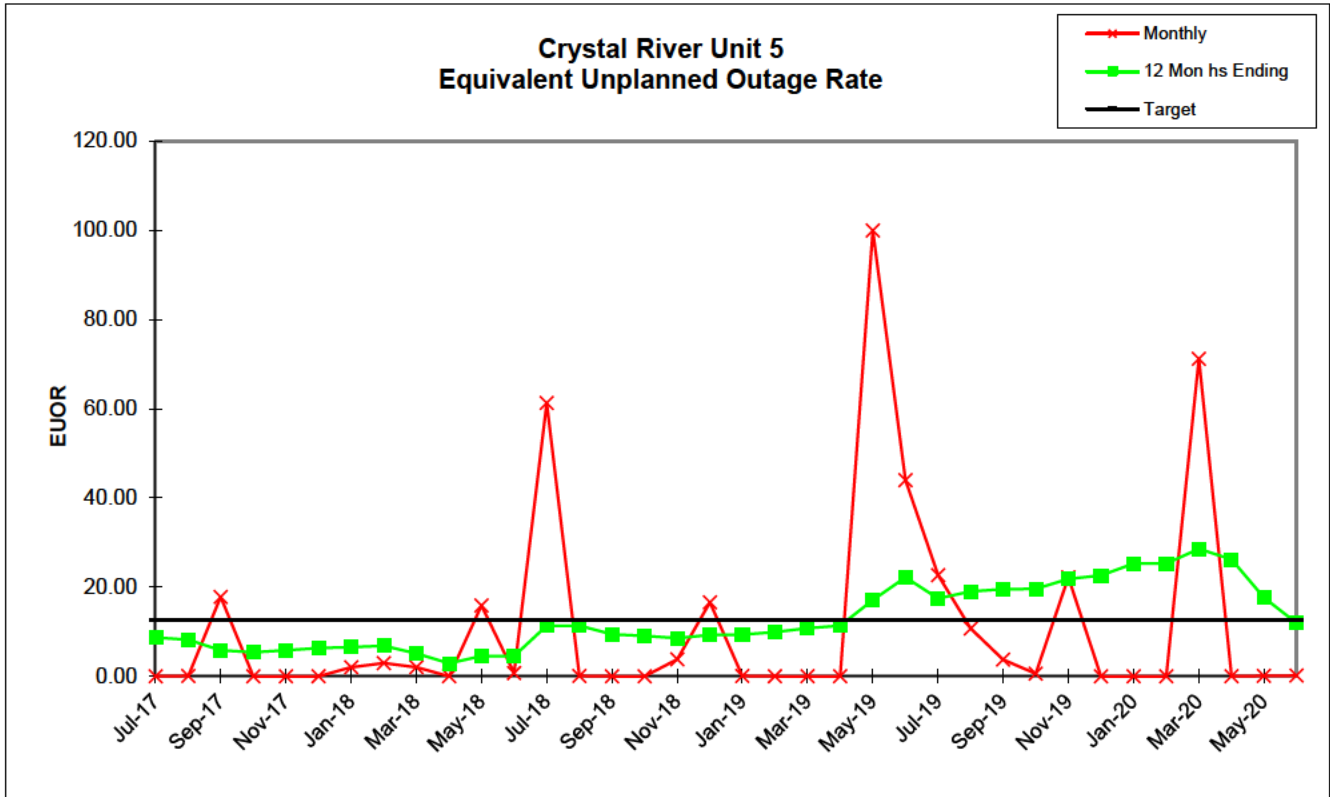
	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00
SER HOURS	744.00	744.00	591.83	479.50	0.00	16.05	744.00	668.00	730.30	368.40	627.72	718.25	293.52	744.00	720.00	744.00	700.05	636.30
RSH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UH	0.00	0.00	128.17	264.50	721.00	727.95	0.00	4.00	12.70	351.60	116.28	1.75	450.48	0.00	0.00	0.00	20.95	107.70
POH	0.00	0.00	0.00	264.50	721.00	727.95	0.00	0.00	0.00	351.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FOH	0.00	0.00	82.63	0.00	0.00	0.00	0.00	0.00	12.70	0.00	116.28	0.00	450.48	0.00	0.00	0.00	20.95	0.00
MOH	0.00	0.00	45.53	0.00	0.00	0.00	0.00	4.00	0.00	0.00	0.00	1.75	0.00	0.00	0.00	0.00	0.00	107.70
PFOH	0.00	4.50	0.00	0.00	0.00	0.00	36.45	0.00	5.00	0.00	3.00	2.84	16.76	1.50	0.00	0.00	19.48	59.37
LRPF	0.00	91.00	0.00	0.00	0.00	0.00	296.03	0.00	377.00	0.00	496.00	90.79	236.17	53.00	0.00	0.00	240.51	187.77
EFOH	0.00	0.58	0.00	0.00	0.00	0.00	15.20	0.00	2.65	0.00	2.10	0.36	5.58	0.11	0.00	0.00	6.60	15.70
PMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.50	0.00	0.00	0.00	23.83	0.00	4.52	0.00	0.00	0.00	1.83
LRPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	496.00	0.00	0.00	0.00	91.01	0.00	90.93	0.00	0.00	0.00	91.16
EMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.72	0.00	0.00	0.00	3.05	0.00	0.58	0.00	0.00	0.00	0.23
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-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
FOR	0.00	0.00	12.25	0.00	0.00	0.00	0.00	0.00	1.71	0.00	15.63	0.00	60.55	0.00	0.00	0.00	2.91	0.00
MOR	0.00	0.00	7.14	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	14.48
PFOR	0.00	0.08	0.00	0.00	0.00	0.00	2.04	0.00	0.36	0.00	0.33	0.05	1.90	0.02	0.00	0.00	0.94	2.47
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.35	0.00	0.00	0.00	0.43	0.00	0.08	0.00	0.00	0.00	0.04
EUOR	0.00	0.08	17.80	0.00	0.00	0.00	2.04	2.93	2.07	0.00	15.91	0.72	61.30	0.09	0.00	0.00	3.82	16.62
EUOF	0.00	0.08	17.80	0.00	0.00	0.00	2.04	2.93	2.07	0.00	15.91	0.72	61.30	0.09	0.00	0.00	3.82	16.62
POF	0.00	0.00	0.00	35.55	100.00	97.84	0.00	0.00	0.00	48.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EAF	100.00	99.92	82.20	64.45	0.00	2.16	97.96	97.07	97.93	51.17	84.09	99.28	38.70	99.91	100.00	100.00	96.18	83.38
12 MONTHS	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
FOR	5.17	5.17	2.43	2.45	2.69	2.97	2.97	2.97	2.98	1.43	3.18	3.19	9.97	9.97	8.66	8.33	7.82	7.24
MOR	0.91	0.91	1.43	1.44	1.58	1.75	1.75	1.81	0.72	0.75	0.76	0.79	0.85	0.85	0.09	0.09	0.08	1.45
PFOR	0.40	0.23	0.17	0.17	0.17	0.19	0.42	0.42	0.43	0.44	0.41	0.32	0.44	0.43	0.43	0.41	0.46	0.63
PMOR	2.48	2.11	1.93	1.46	1.57	1.65	1.62	1.83	1.09	0.33	0.24	0.29	0.31	0.32	0.32	0.30	0.27	0.25
EUOR	8.70	8.19	5.81	5.39	5.85	6.37	6.56	6.81	5.12	2.91	4.53	4.52	11.33	11.33	9.42	9.06	8.57	9.30
EUOF	8.52	8.02	5.69	5.23	5.19	5.13	5.28	5.48	4.12	2.23	3.46	3.45	8.66	8.66	7.20	7.20	7.51	8.92
POF	2.07	2.07	2.07	3.02	11.25	19.56	19.56	19.56	19.56	23.57	23.57	23.57	23.57	23.57	23.57	20.55	12.32	4.01
EAF	89.41	89.91	92.23	91.75	83.56	75.31	75.16	74.96	76.32	74.20	72.96	72.97	67.77	67.77	69.23	72.25	80.16	87.06

Crystal River
Unit 5

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744.00	696.00	743.00	720.00	744.00	720.00
SER HOURS	547.67	0.00	0.00	0.00	0.00	453.31	598.25	551.58	711.58	744.00	527.58	0.00	0.00	0.00	145.98	442.75	573.57	720.00
RSH	196.33	528.00	0.00	0.00	0.00	0.00	22.05	192.42	8.42	0.00	25.87	264.00	744.00	696.00	393.43	277.25	170.43	0.00
UH	0.00	144.00	743.00	720.00	743.60	266.68	123.70	0.00	0.00	0.00	167.55	480.00	0.00	0.00	203.58	0.00	0.00	0.00
POH	0.00	144.00	743.00	720.00	311.02	0.00	0.00	0.00	0.00	0.00	23.98	480.00	0.00	0.00	0.00	0.00	0.00	0.00
FOH	0.00	0.00	0.00	0.00	432.58	266.68	0.00	0.00	0.00	0.00	143.57	0.00	0.00	0.00	203.58	0.00	0.00	0.00
MOH	0.00	0.00	0.00	0.00	0.00	0.00	123.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PFOH	1.00	0.00	0.00	0.00	0.00	585.29	402.50	435.01	67.71	8.00	40.48	0.00	0.00	0.00	92.08	2.50	5.50	22.33
LRPF	377.00	0.00	0.00	0.00	0.00	60.85	71.16	96.33	280.42	282.00	91.01	0.00	0.00	0.00	349.15	60.00	60.00	35.01
EFOH	0.53	0.00	0.00	0.00	0.00	50.17	40.34	59.02	26.74	3.18	5.19	0.00	0.00	0.00	45.28	0.21	0.46	1.10
PMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.00	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	120.00	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	1.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
FOR	0.00	0.00	0.00	0.00	100.00	37.04	0.00	0.00	0.00	0.00	21.39	0.00	0.00	0.00	58.24	0.00	0.00	0.00
MOR	0.00	0.00	0.00	0.00	0.00	0.00	17.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PFOR	0.10	0.00	0.00	0.00	0.00	11.07	6.74	10.70	3.76	0.43	0.98	0.00	0.00	0.00	31.02	0.05	0.08	0.15
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EUOR	0.10	0.00	0.00	0.00	100.00	44.01	22.72	10.70	3.76	0.63	22.16	0.00	0.00	0.00	71.19	0.05	0.08	0.15
EUOF	0.07	0.00	0.00	0.00	58.14	44.01	22.05	7.93	3.71	0.63	20.63	0.00	0.00	0.00	33.49	0.03	0.06	0.15
POF	0.00	21.43	100.00	100.00	41.80	0.00	0.00	0.00	0.00	0.00	3.33	64.52	0.00	0.00	0.00	0.00	0.00	0.00
EAF	99.93	78.57	0.00	0.00	0.05	55.99	77.95	92.07	96.29	99.37	76.04	35.48	100.00	100.00	66.51	99.97	99.94	99.85
12 MONTHS	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
FOR	7.41	8.08	8.79	9.30	15.05	19.48	12.28	12.70	12.72	12.72	15.02	16.94	19.03	19.03	21.90	20.04	11.45	6.47
MOR	1.49	1.58	1.76	1.87	2.10	2.18	4.31	4.46	4.47	4.47	4.63	2.91	3.33	3.33	3.21	2.88	2.54	2.41
PFOR	0.45	0.49	0.51	0.54	0.57	1.63	2.21	3.48	4.03	4.09	4.21	4.48	5.15	5.15	6.16	5.51	4.86	3.62
PMOR	0.26	0.06	0.06	0.07	0.08	0.02	0.02	0.00	0.00	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03
EUOR	9.34	9.91	10.77	11.39	17.10	22.20	17.49	19.05	19.53	19.61	21.85	22.61	25.32	25.32	28.59	26.22	17.67	11.92
EUOF	8.76	8.53	8.36	8.36	11.94	15.50	12.17	12.83	13.14	13.19	14.58	13.16	13.16	13.12	15.96	15.96	11.04	7.44
POF	4.01	5.66	14.14	18.34	21.90	21.90	21.90	21.90	21.90	21.90	22.17	27.65	27.65	25.93	17.47	9.28	5.74	5.74
EAF	87.23	85.81	77.50	73.30	66.16	62.60	65.94	65.27	64.97	64.91	63.26	59.19	59.19	60.94	66.57	74.76	83.22	86.82





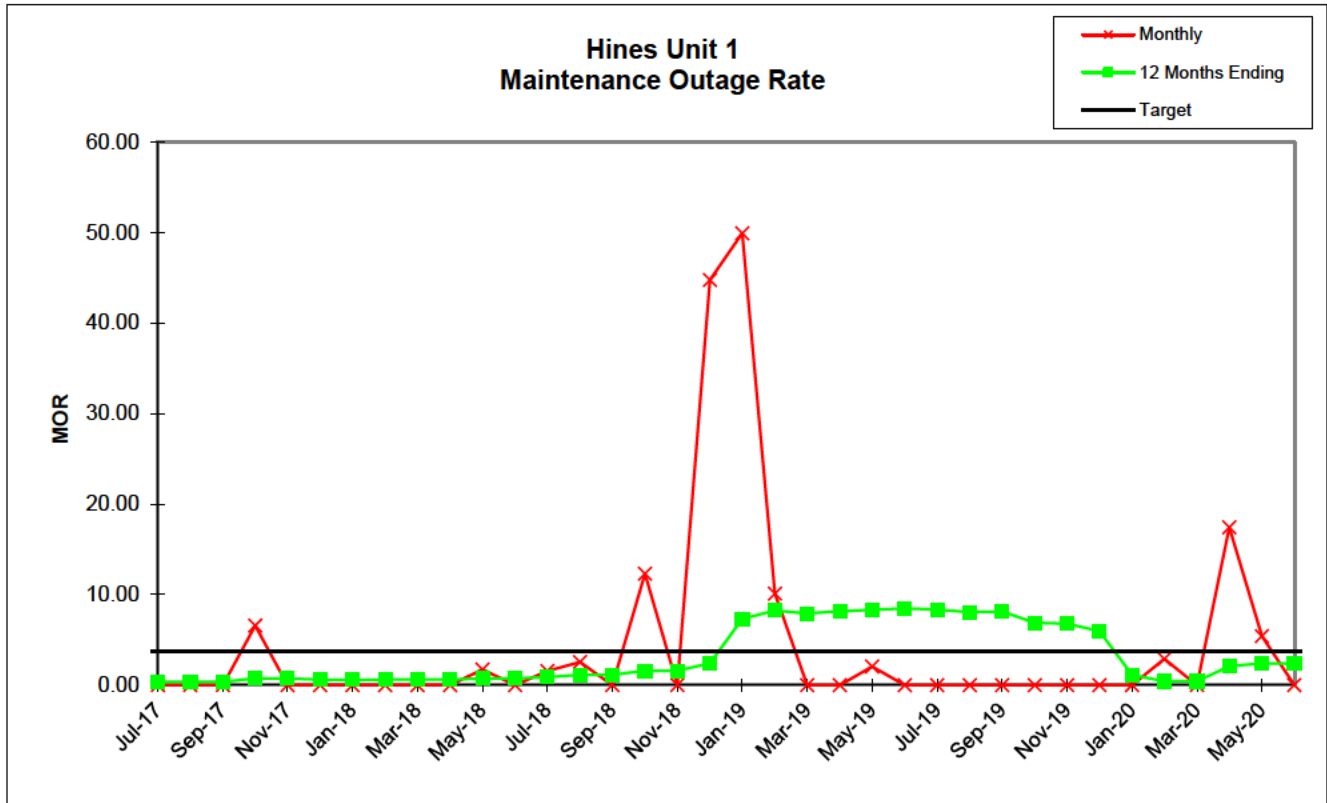
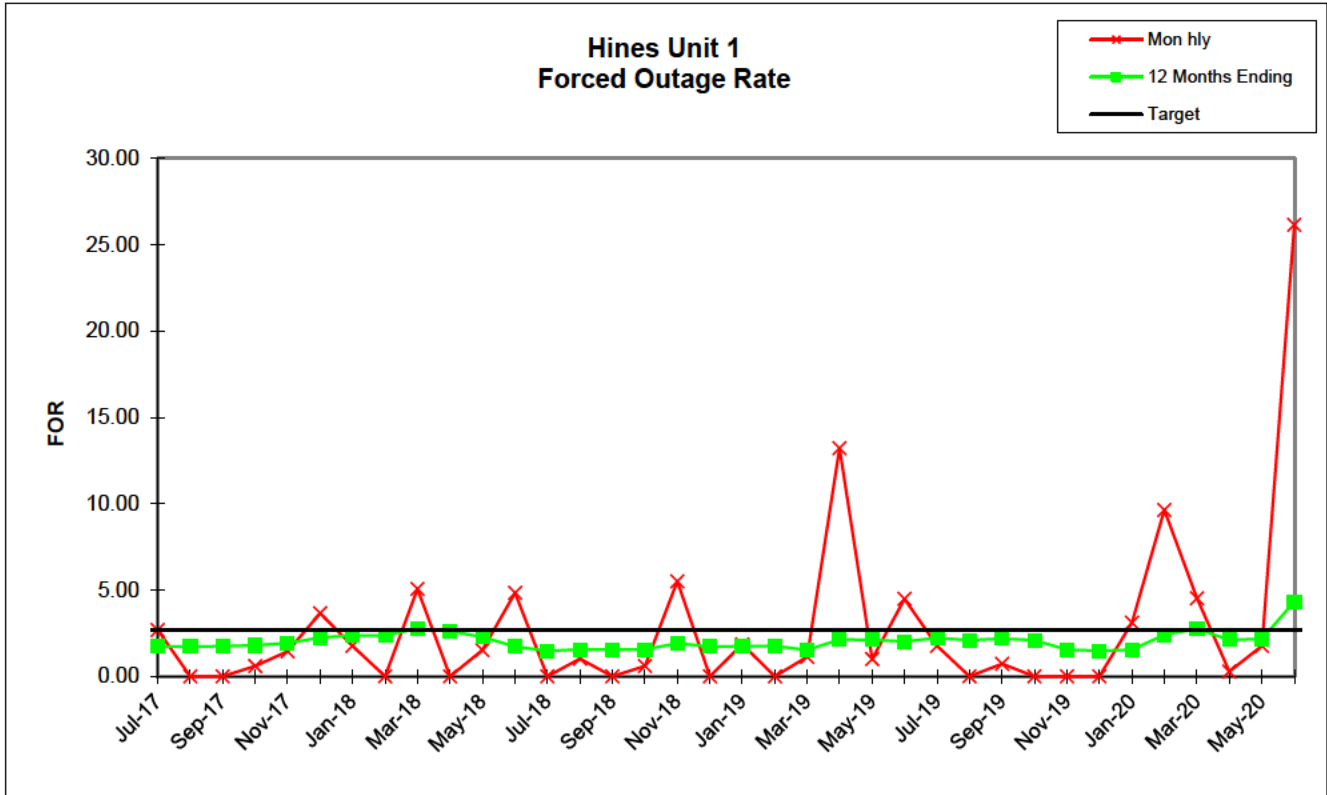


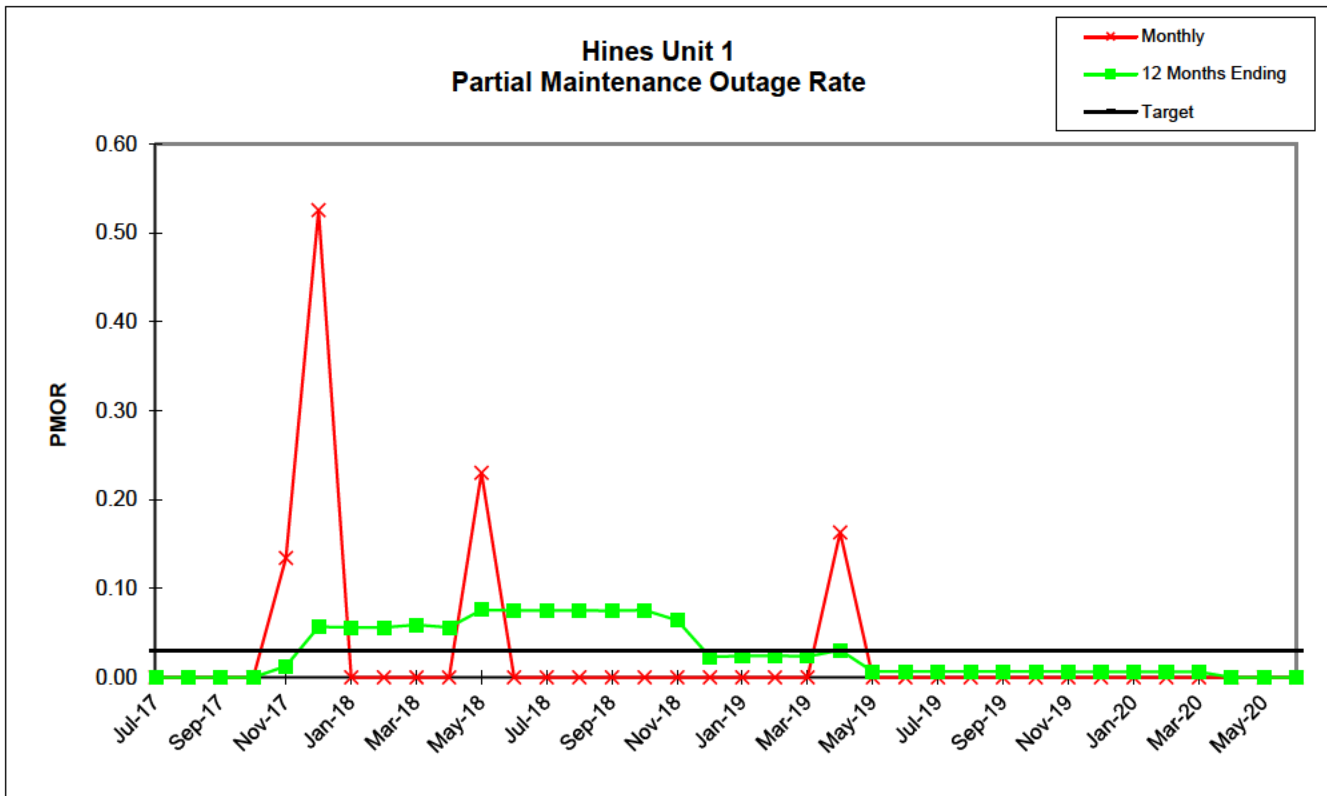
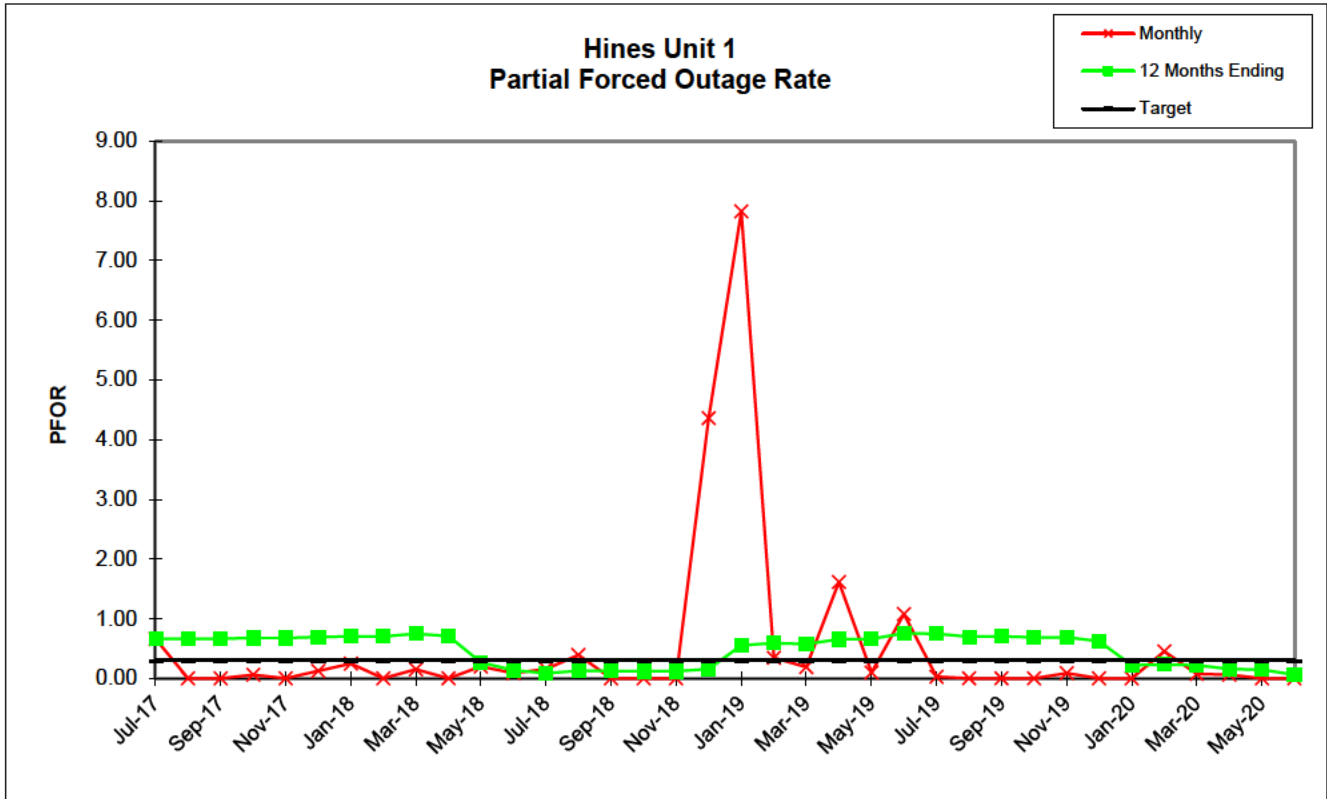
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Unit 1

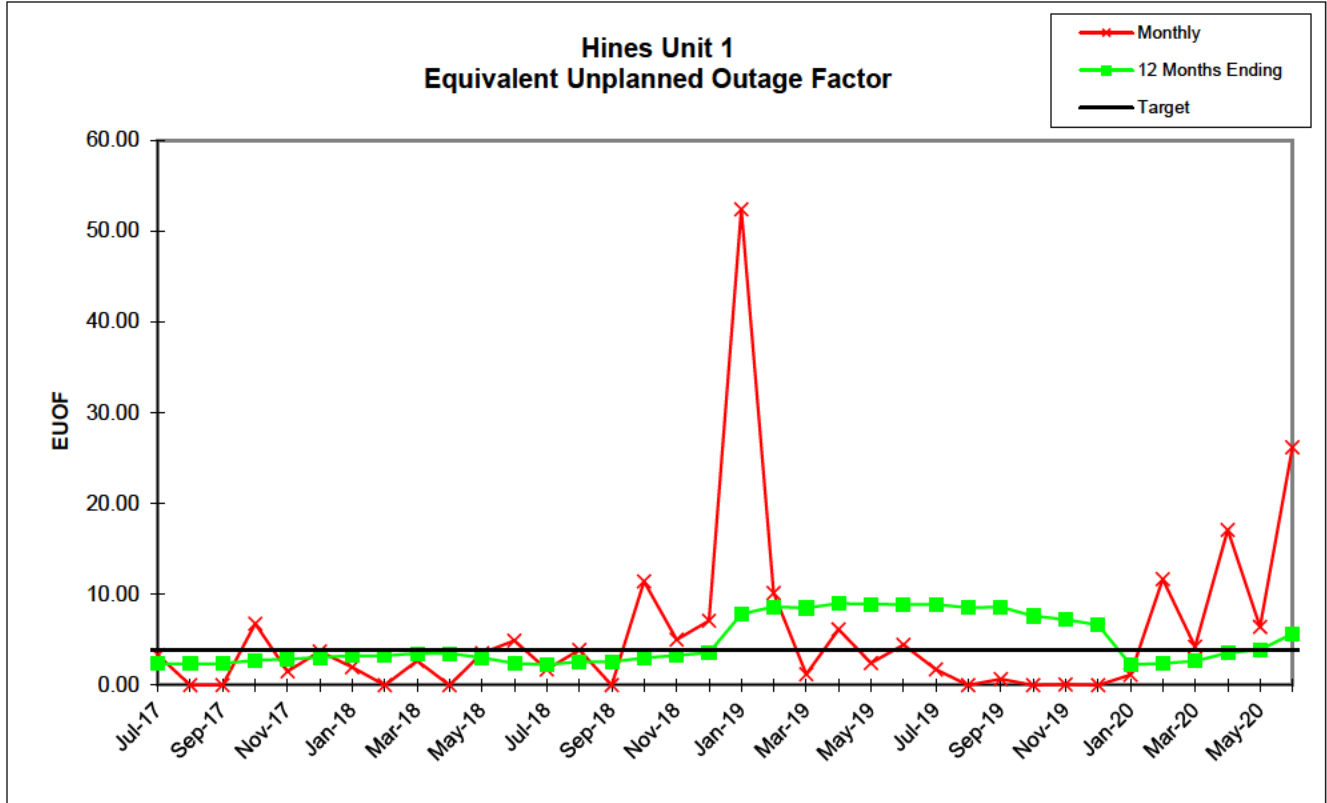
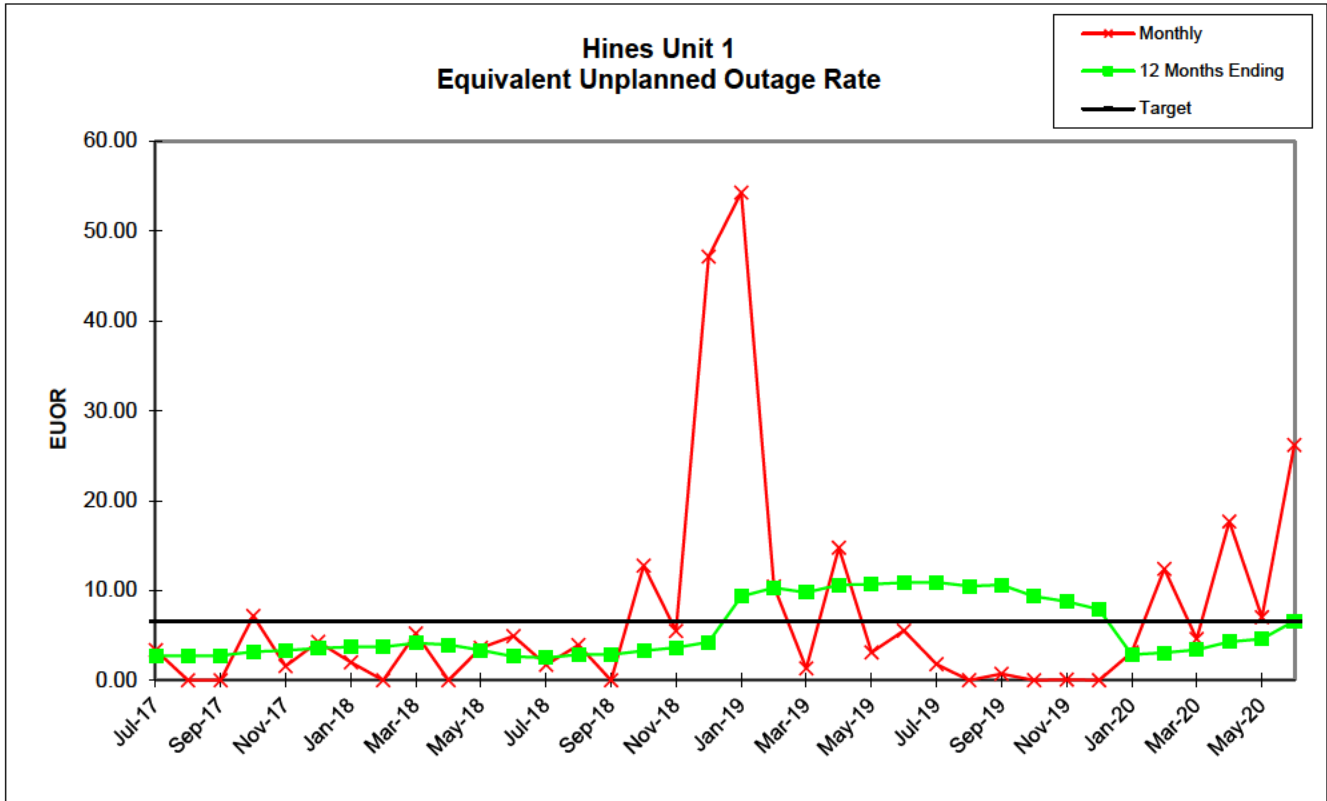
	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00
SER HOURS	722.54	724.19	662.30	653.40	691.81	621.65	714.50	672.00	363.69	495.04	704.70	685.18	732.31	715.07	720.00	580.80	621.72	61.63
RSH	1.42	19.81	57.70	40.66	19.01	98.75	16.65	0.00	0.05	0.02	15.99	0.00	0.00	2.76	0.00	78.31	63.08	632.44
UH	20.04	0.00	0.00	49.95	10.17	23.60	12.85	0.00	379.26	224.94	23.31	34.82	11.69	26.18	0.00	84.88	36.20	49.93
POH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	359.88	224.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FOH	20.04	0.00	0.00	3.90	10.17	23.60	12.85	0.00	19.38	0.00	10.84	34.82	0.00	7.36	0.00	3.45	36.20	0.00
MOH	0.00	0.00	0.00	46.05	0.00	0.00	0.00	0.00	0.00	0.00	12.47	0.00	11.69	18.82	0.00	81.44	0.00	49.93
PFOH	22.74	0.00	0.00	2.67	0.00	4.10	12.44	0.00	3.56	0.00	10.38	4.32	10.93	22.54	0.00	0.00	0.00	18.06
LRPF	108.05	0.00	0.00	77.98	0.00	99.00	69.78	0.00	76.57	0.00	67.60	69.07	51.62	61.35	0.00	0.00	0.00	73.61
EFOH	4.75	0.00	0.00	0.40	0.00	0.79	1.75	0.00	0.55	0.00	1.42	0.60	1.14	2.79	0.00	0.00	0.00	2.69
PMOH	0.00	0.00	0.00	0.00	4.85	17.06	0.00	0.00	0.00	0.00	11.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LRPM	0.00	0.00	0.00	0.00	99.01	99.02	0.00	0.00	0.00	0.00	67.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMOH	0.00	0.00	0.00	0.00	0.93	3.27	0.00	0.00	0.00	0.00	1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPC	517.00	517.00	517.00	517.00	517.00	517.00	495.00	495.00	495.00	495.00	495.00	495.00	495.00	495.00	495.00	495.00	495.00	495.00
MONTHLY	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
FOR	2.70	0.00	0.00	0.59	1.45	3.66	1.77	0.00	5.06	0.00	1.51	4.84	0.00	1.02	0.00	0.59	5.50	0.00
MOR	0.00	0.00	0.00	6.58	0.00	0.00	0.00	0.00	0.00	0.00	1.74	0.00	1.57	2.56	0.00	12.30	0.00	44.76
PFOR	0.66	0.00	0.00	0.06	0.00	0.13	0.25	0.00	0.15	0.00	0.20	0.09	0.16	0.39	0.00	0.00	0.00	4.36
PMOR	0.00	0.00	0.00	0.00	0.13	0.53	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EUOR	3.34	0.00	0.00	7.16	1.58	4.29	2.01	0.00	5.20	0.00	3.62	4.92	1.72	3.91	0.00	12.75	5.50	47.16
EUOF	3.33	0.00	0.00	6.77	1.54	3.72	1.96	0.00	2.68	0.00	3.54	4.92	1.72	3.89	0.00	11.41	5.02	7.07
POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.44	31.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EAF	96.67	100.00	100.00	93.23	98.46	96.28	98.04	100.00	48.88	68.76	96.46	95.08	98.28	96.11	100.00	88.59	94.98	92.93
12 MONTHS	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
FOR	1.72	1.72	1.74	1.81	1.94	2.25	2.38	2.38	2.76	2.62	2.29	1.73	1.47	1.57	1.56	1.57	1.91	1.74
MOR	0.36	0.36	0.36	0.74	0.74	0.62	0.61	0.61	0.64	0.61	0.76	0.75	0.90	1.14	1.13	1.59	1.61	2.41
PFOR	0.66	0.66	0.67	0.68	0.68	0.69	0.70	0.70	0.75	0.71	0.27	0.13	0.09	0.12	0.12	0.12	0.12	0.15
PMOR	0.00	0.00	0.00	0.00	0.01	0.06	0.06	0.06	0.06	0.06	0.08	0.08	0.08	0.08	0.07	0.08	0.06	0.02
EUOR	2.71	2.72	2.74	3.18	3.32	3.57	3.70	3.70	4.15	3.94	3.35	2.66	2.51	2.87	2.85	3.30	3.63	4.23
EUOF	2.37	2.37	2.37	2.74	2.87	3.08	3.25	3.25	3.48	3.48	3.02	2.40	2.26	2.59	2.59	2.99	3.27	3.56
POF	7.71	7.71	7.71	7.71	7.71	7.71	7.71	7.71	11.74	7.38	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68
EAF	89.92	89.92	89.92	89.55	89.42	89.21	89.04	89.04	84.78	89.14	90.30	90.92	91.06	90.73	90.73	90.34	90.05	89.76

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Unit 1

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744.00	696.00	743.00	720.00	744.00	720.00
SER HOURS	356.18	588.34	669.00	259.95	562.87	555.81	705.57	744.00	676.25	726.62	721.00	264.97	259.00	575.22	654.59	573.34	632.06	531.58
RSH	25.73	17.44	66.37	28.53	5.00	138.05	25.81	0.00	38.81	17.38	0.00	479.03	476.68	42.26	57.41	24.00	64.25	0.00
UH	362.09	66.22	7.63	431.52	176.13	26.14	12.61	0.00	4.94	0.00	0.00	0.00	8.32	78.52	31.00	122.66	47.68	188.42
POH	0.00	0.00	0.00	391.94	158.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FOH	6.74	0.00	7.63	39.58	5.75	26.14	12.61	0.00	4.94	0.00	0.00	0.00	8.32	61.38	31.00	1.66	11.41	188.42
MOH	355.35	66.22	0.00	0.00	11.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.14	0.00	121.00	36.27	0.00
PFOH	166.45	12.02	7.32	26.28	5.36	69.26	12.33	0.00	0.00	0.00	4.03	0.00	0.00	16.58	5.00	2.09	0.00	0.00
LRPF	82.00	82.02	85.08	78.36	51.29	42.41	8.00	0.00	0.00	0.00	74.52	0.00	0.00	77.00	49.54	82.02	0.00	0.00
EFOH	27.85	2.01	1.27	4.20	0.56	6.00	0.20	0.00	0.00	0.00	0.61	0.00	0.00	2.61	0.51	0.35	0.00	0.00
PMOH	0.00	0.00	0.00	2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LRPM	0.00	0.00	0.00	78.11	0.00	0.00	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	0.42	0.00	0.00	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	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
FOR	1.86	0.00	1.13	13.21	1.01	4.49	1.76	0.00	0.73	0.00	0.00	0.00	3.11	9.64	4.52	0.29	1.77	26.17
MOR	49.94	10.12	0.00	0.00	2.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.89	0.00	17.43	5.43	0.00
PFOR	7.82	0.34	0.19	1.62	0.10	1.08	0.03	0.00	0.00	0.00	0.09	0.00	0.00	0.45	0.08	0.06	0.00	0.00
PMOR	0.00	0.00	0.00	0.16	0.00	0.00	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	54.29	10.42	1.32	14.76	3.11	5.52	1.78	0.00	0.73	0.00	0.09	0.00	3.11	12.41	4.60	17.67	7.01	26.17
EUOF	52.41	10.15	1.20	6.14	2.43	4.46	1.72	0.00	0.69	0.00	0.09	0.00	1.12	11.66	4.24	17.08	6.41	26.17
POF	0.00	0.00	0.00	54.44	21.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EAF	47.59	89.85	98.80	39.42	76.25	95.54	98.28	100.00	99.31	100.00	99.91	100.00	98.88	88.34	95.76	82.92	93.59	73.83
12 MONTHS	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
FOR	1.74	1.76	1.52	2.14	2.11	2.03	2.22	2.10	2.19	2.09	1.54	1.49	1.54	2.42	2.75	2.12	2.17	4.33
MOR	7.32	8.25	7.92	8.17	8.33	8.48	8.36	8.08	8.13	6.89	6.80	5.97	1.14	0.43	0.43	2.09	2.40	2.41
PFOR	0.55	0.59	0.57	0.66	0.66	0.76	0.74	0.70	0.70	0.69	0.68	0.63	0.22	0.23	0.22	0.15	0.14	0.06
PMOR	0.02	0.02	0.02	0.03	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00
EUOR	9.34	10.29	9.75	10.60	10.70	10.86	10.90	10.49	10.62	9.34	8.77	7.87	2.87	3.05	3.38	4.27	4.61	6.59
EUOF	7.84	8.62	8.50	9.00	8.91	8.87	8.87	8.54	8.60	7.63	7.22	6.62	2.26	2.40	2.66	3.56	3.90	5.67
POF	6.68	6.68	2.57	4.47	6.29	6.29	6.29	6.29	6.29	6.29	6.29	6.29	6.29	6.27	6.27	1.81	0.00	0.00
EAF	85.48	84.70	88.93	86.52	84.81	84.85	84.85	85.18	85.12	86.09	86.49	87.10	91.45	91.33	91.07	94.64	96.10	94.33





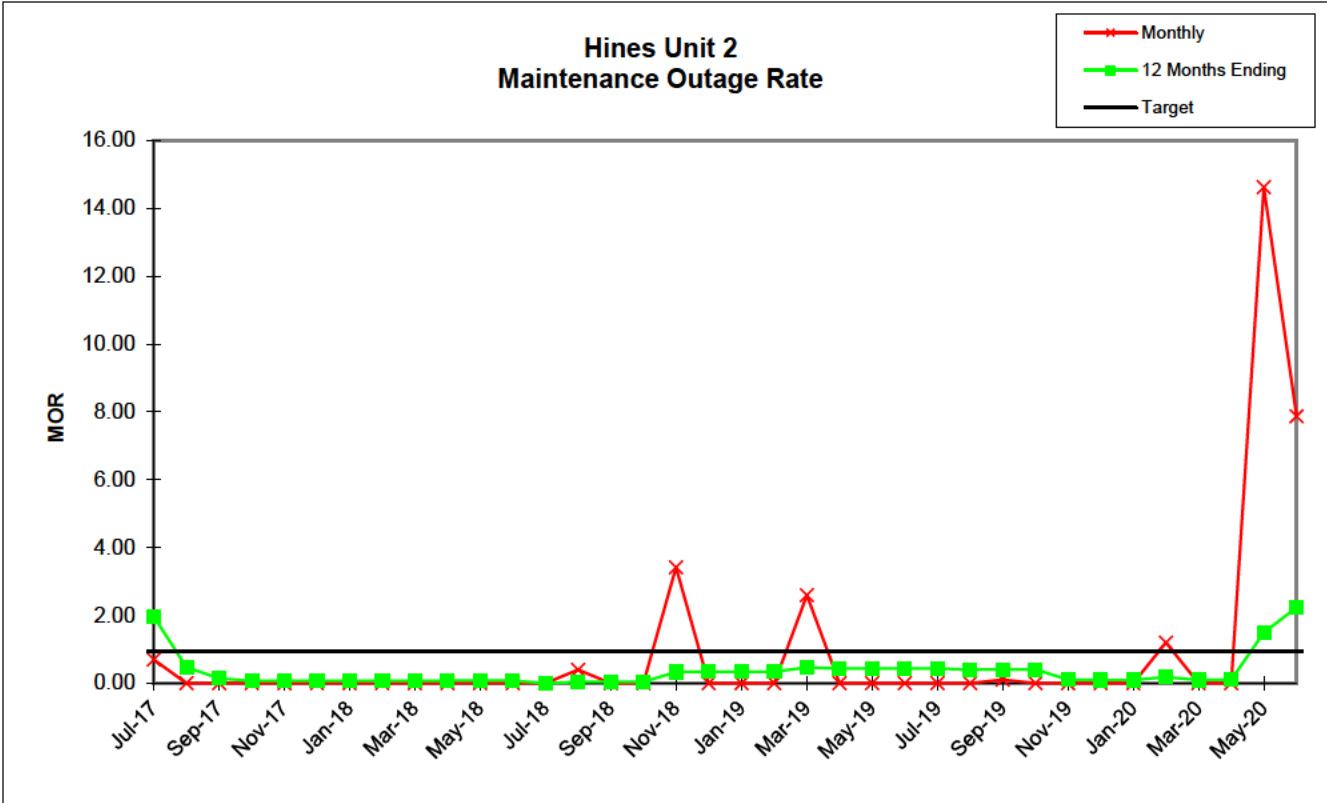
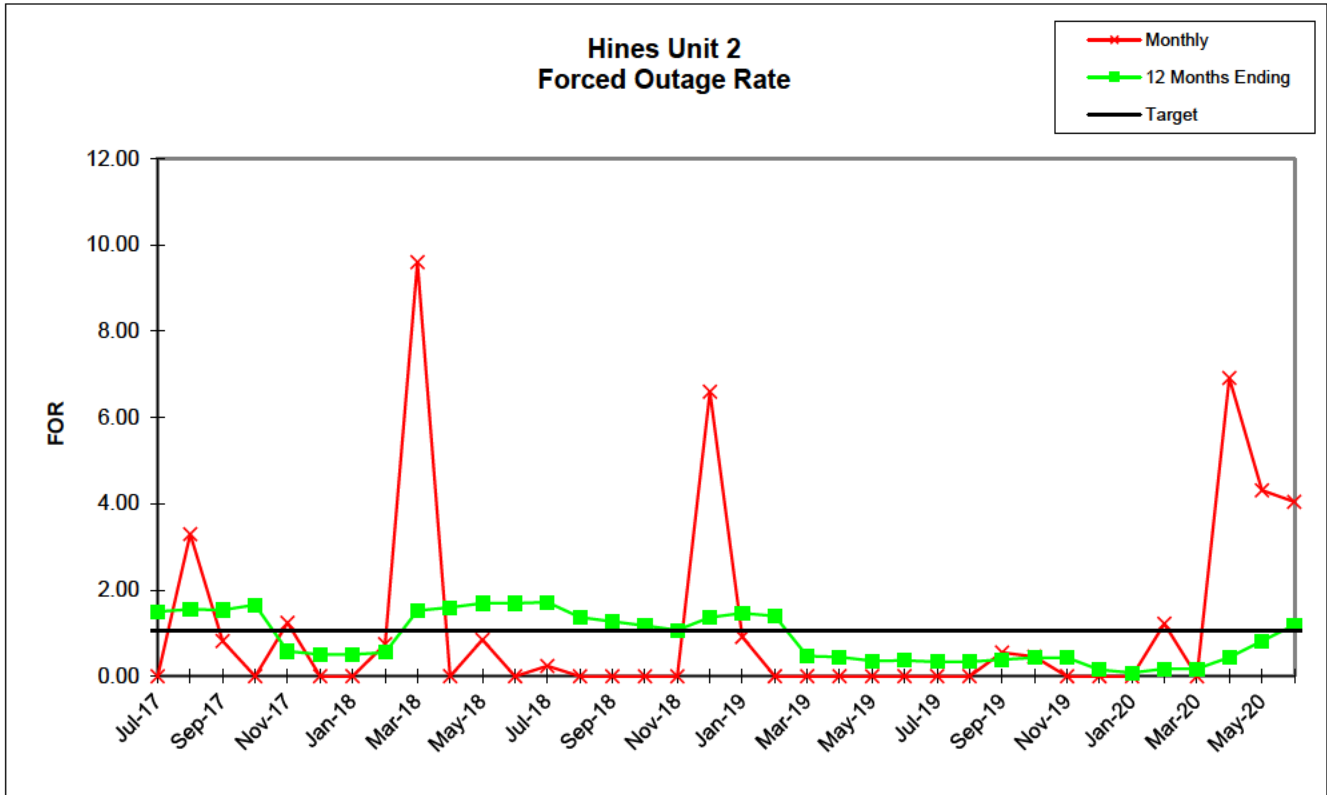


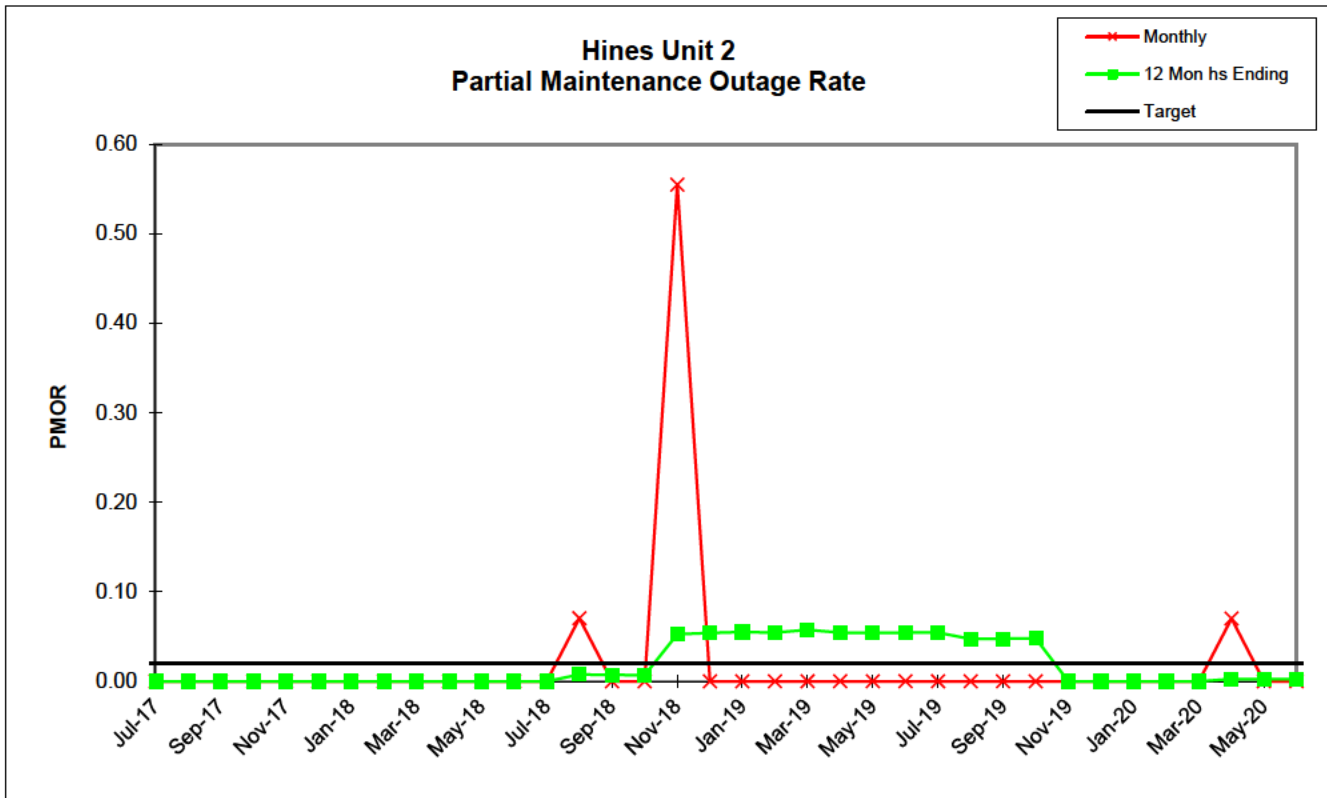
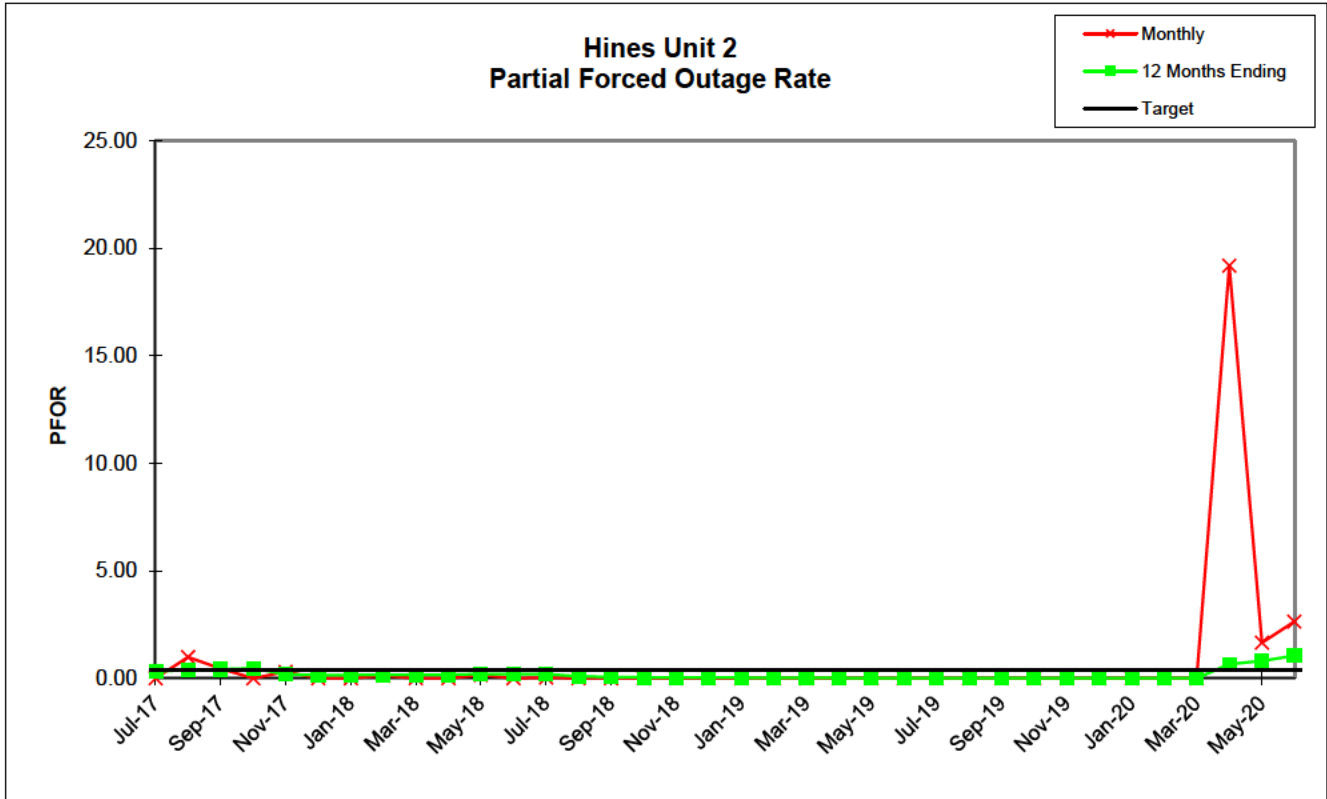
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Unit 2

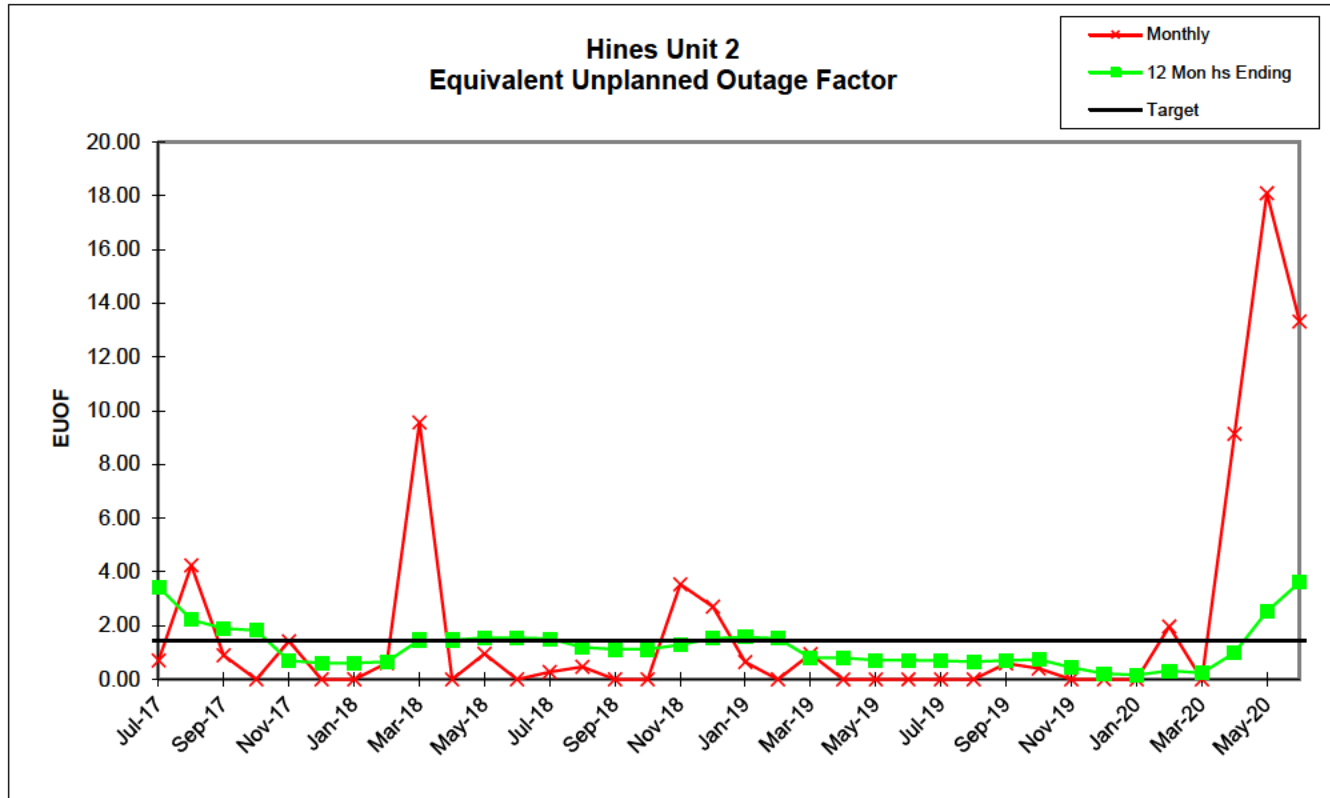
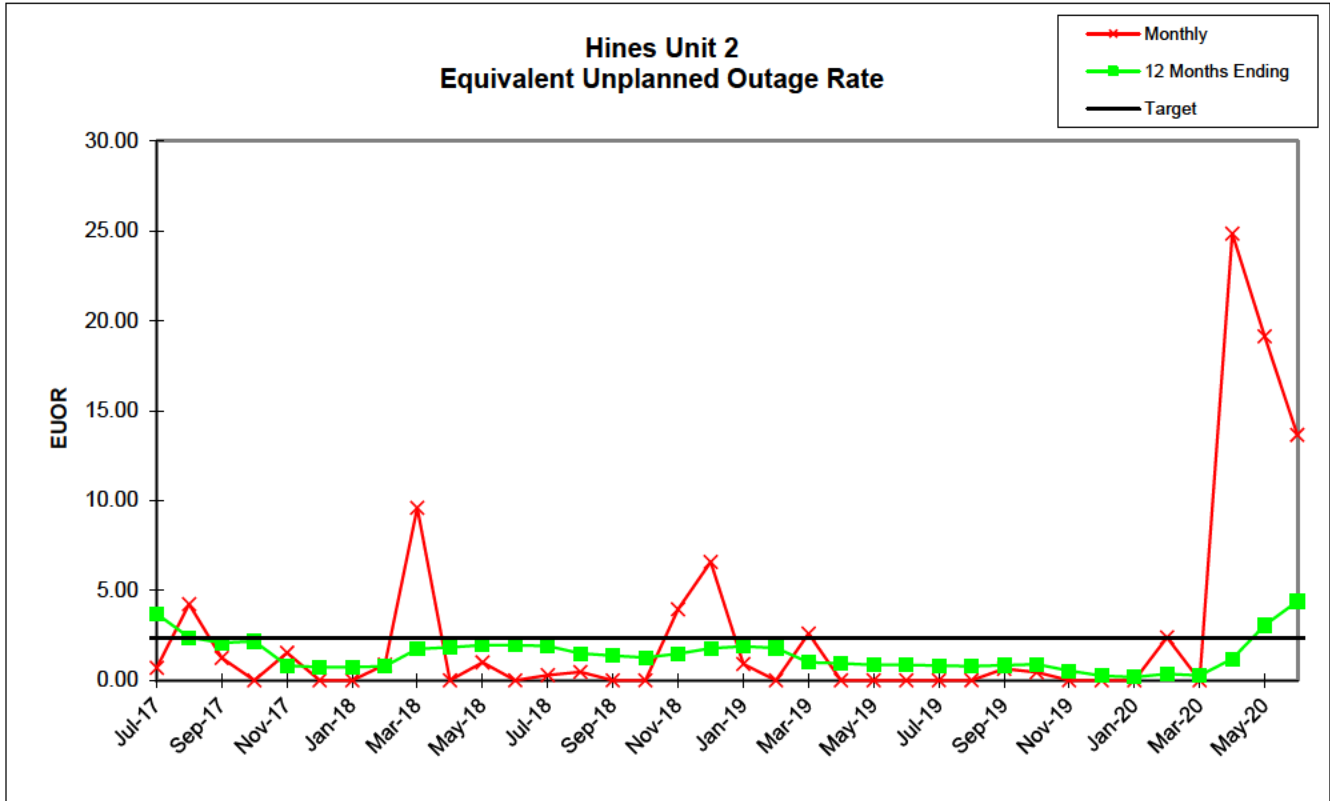
	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00
SER HOURS	738.76	719.49	507.02	148.41	654.39	487.29	693.32	464.52	669.67	313.00	703.73	720.00	742.21	741.04	720.00	712.89	625.29	285.04
RSH	0.00	0.00	14.89	95.14	58.38	256.71	50.68	204.00	2.22	0.01	0.59	0.00	0.00	0.00	0.00	31.11	73.62	438.84
UH	5.24	24.51	198.09	500.45	8.23	0.00	0.00	3.48	71.10	406.99	39.68	0.00	1.79	2.96	0.00	0.00	22.09	20.13
POH	0.00	0.00	193.92	500.45	0.00	0.00	0.00	0.00	0.00	406.99	33.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FOH	0.00	24.51	4.17	0.00	8.23	0.00	0.00	3.48	71.10	0.00	6.02	0.00	1.79	0.00	0.00	0.00	0.00	20.13
MOH	5.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.96	0.00	0.00	22.09	0.00
PFOH	0.00	28.96	9.20	0.00	9.13	0.00	0.00	3.42	0.00	0.00	6.20	0.00	1.76	0.00	0.00	0.00	0.00	0.00
LRPF	0.00	132.44	133.33	0.00	117.43	0.00	0.00	92.32	0.00	0.00	90.96	0.00	86.19	0.00	0.00	0.00	0.00	0.00
EFOH	0.00	7.04	2.25	0.00	1.97	0.00	0.00	0.60	0.00	0.00	1.07	0.00	0.29	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	2.91	0.00	0.00	22.76	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	94.40	0.00	0.00	80.33	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	0.52	0.00	0.00	3.47	0.00
NPC	545.00	545.00	545.00	545.00	545.00	545.00	527.00	527.00	527.00	527.00	527.00	527.00	527.00	527.00	527.00	527.00	527.00	527.00
MONTHLY	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
FOR	0.00	3.29	0.82	0.00	1.24	0.00	0.00	0.74	9.60	0.00	0.85	0.00	0.24	0.00	0.00	0.00	0.00	6.60
MOR	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00	3.41	0.00
PFOR	0.00	0.98	0.44	0.00	0.30	0.00	0.00	0.13	0.00	0.00	0.15	0.00	0.04	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	0.07	0.00	0.00	0.55	0.00
EUOR	0.70	4.24	1.26	0.00	1.54	0.00	0.00	0.87	9.60	0.00	1.00	0.00	0.28	0.47	0.00	0.00	3.95	6.60
EUOF	0.70	4.24	0.89	0.00	1.41	0.00	0.00	0.61	9.57	0.00	0.95	0.00	0.28	0.47	0.00	0.00	3.54	2.71
POF	0.00	0.00	26.93	67.26	0.00	0.00	0.00	0.00	0.00	56.53	4.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EAF	99.30	95.76	72.17	32.74	98.59	100.00	100.00	99.39	90.43	43.47	94.52	100.00	99.72	99.53	100.00	100.00	96.46	97.29
12 MONTHS	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
FOR	1.50	1.55	1.54	1.66	0.58	0.51	0.51	0.55	1.52	1.60	1.69	1.69	1.72	1.37	1.27	1.17	1.07	1.37
MOR	1.97	0.47	0.15	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.00	0.04	0.04	0.04	0.33	0.34
PFOR	0.31	0.39	0.42	0.46	0.17	0.16	0.16	0.16	0.16	0.17	0.19	0.19	0.19	0.09	0.06	0.05	0.03	0.03
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	0.01	0.01	0.01	0.05	0.05
EUOR	3.71	2.39	2.09	2.18	0.83	0.74	0.73	0.78	1.75	1.84	1.95	1.95	1.91	1.50	1.37	1.27	1.47	1.78
EUOF	3.44	2.22	1.90	1.83	0.69	0.61	0.61	0.66	1.47	1.47	1.55	1.55	1.51	1.19	1.12	1.12	1.29	1.52
POF	0.00	0.00	2.21	7.93	7.93	7.93	7.93	7.93	7.93	12.57	12.96	12.96	12.96	12.96	10.74	5.03	5.03	5.03
EAF	96.56	97.78	95.89	90.25	91.38	91.46	91.46	91.42	90.61	85.96	85.49	85.49	85.53	85.85	88.14	93.85	93.68	93.45

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Unit 2

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744.00	696.00	743.00	720.00	744.00	720.00
SER HOURS	522.14	594.16	262.42	703.77	741.59	693.36	743.00	738.04	651.29	669.50	721.00	744.00	703.55	559.17	0.00	246.44	578.69	623.31
RSH	217.02	77.84	142.29	16.23	2.41	26.64	1.00	5.96	64.44	71.44	0.00	0.00	40.45	98.96	0.00	12.92	40.18	17.21
UH	4.84	0.00	338.28	0.00	0.00	0.00	0.00	0.00	4.27	3.06	0.00	0.00	0.00	37.87	743.00	460.64	125.13	79.48
POH	0.00	0.00	331.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.16	743.00	442.32	0.00	0.00
FOH	4.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	3.06	0.00	0.00	0.00	6.90	0.00	18.32	26.09	26.27
MOH	0.00	0.00	7.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.00	6.81	0.00	0.00	99.04	53.21
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	165.08	41.68	91.09
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	150.15	120.10	94.72
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	47.30	9.55	16.47
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	1.39	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	65.07	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	0.17	0.00	0.00
NPC	512.00	512.00	512.00	512.00	512.00	512.00	512.00	512.00	512.00	512.00	512.00	512.00	524.00	524.00	524.00	524.00	524.00	524.00
MONTHLY	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
FOR	0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.45	0.00	0.00	0.00	1.22	0.00	6.92	4.31	4.04
MOR	0.00	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	1.20	0.00	0.00	14.61	7.87
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	19.19	1.65	2.64
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	0.07	0.00	0.00
EUOR	0.92	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.65	0.45	0.00	0.00	0.00	2.39	0.00	24.85	19.14	13.65
EUOF	0.65	0.00	0.94	0.00	0.00	0.00	0.00	0.00	0.59	0.41	0.00	0.00	0.00	1.97	0.00	9.14	18.10	13.33
POF	0.00	0.00	44.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.47	100.00	61.43	0.00	0.00
EAF	99.35	100.00	54.47	100.00	100.00	100.00	100.00	100.00	99.41	99.59	100.00	100.00	100.00	94.56	0.00	29.43	81.90	86.67
12 MONTHS	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
FOR	1.47	1.39	0.47	0.45	0.36	0.36	0.34	0.34	0.39	0.44	0.43	0.15	0.08	0.17	0.18	0.44	0.82	1.19
MOR	0.35	0.34	0.46	0.44	0.43	0.43	0.43	0.39	0.41	0.41	0.10	0.10	0.10	0.18	0.10	0.10	1.49	2.24
PFOR	0.03	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.81	1.05
PMOR	0.06	0.05	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EUOR	1.88	1.80	1.00	0.95	0.85	0.85	0.82	0.78	0.84	0.89	0.53	0.25	0.18	0.35	0.27	1.20	3.07	4.40
EUOF	1.58	1.53	0.80	0.80	0.72	0.72	0.70	0.66	0.71	0.74	0.45	0.22	0.16	0.32	0.24	0.99	2.52	3.61
POF	5.03	5.03	8.81	4.17	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.78	4.05	8.73	13.77	13.77	13.77
EAF	93.39	93.44	90.39	95.03	95.50	95.50	95.52	95.56	95.51	95.48	95.77	96.00	96.05	95.63	91.03	85.24	83.71	82.62





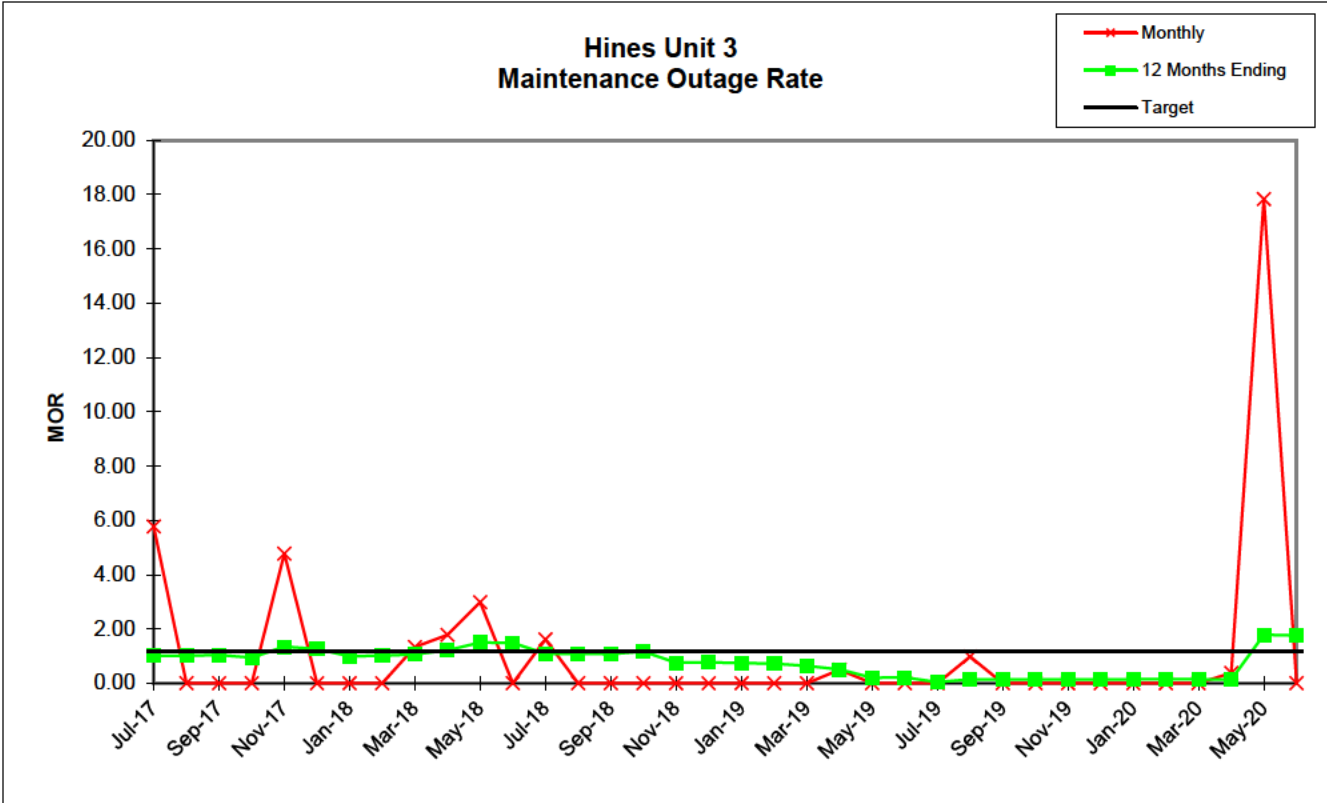
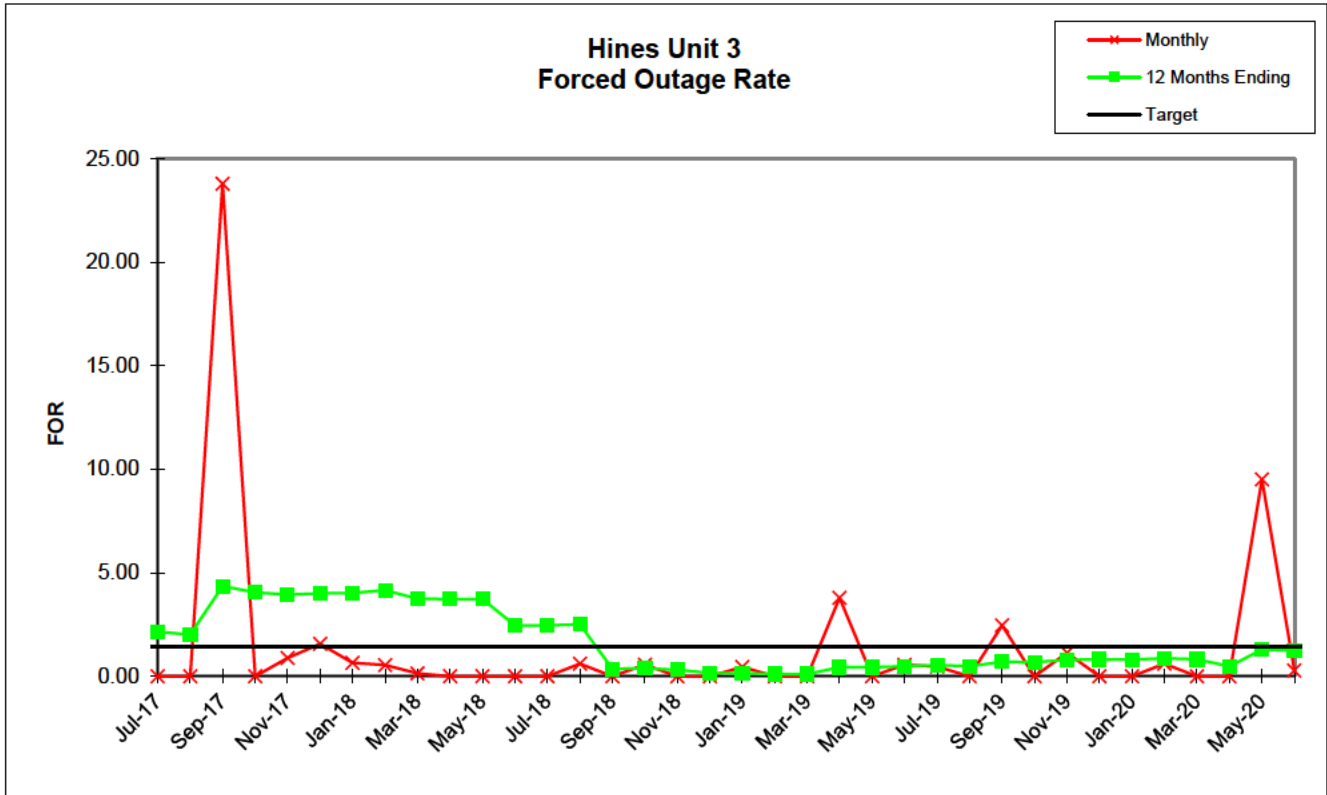


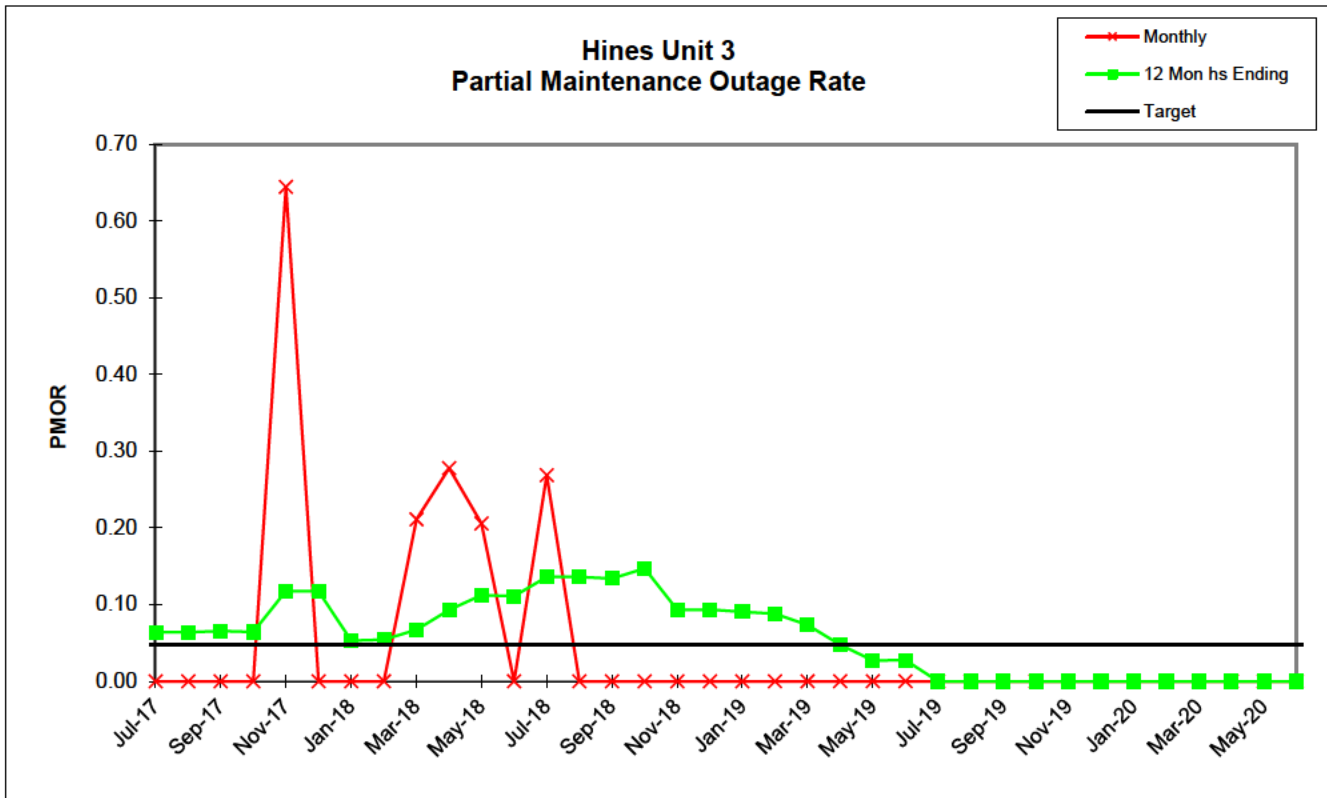
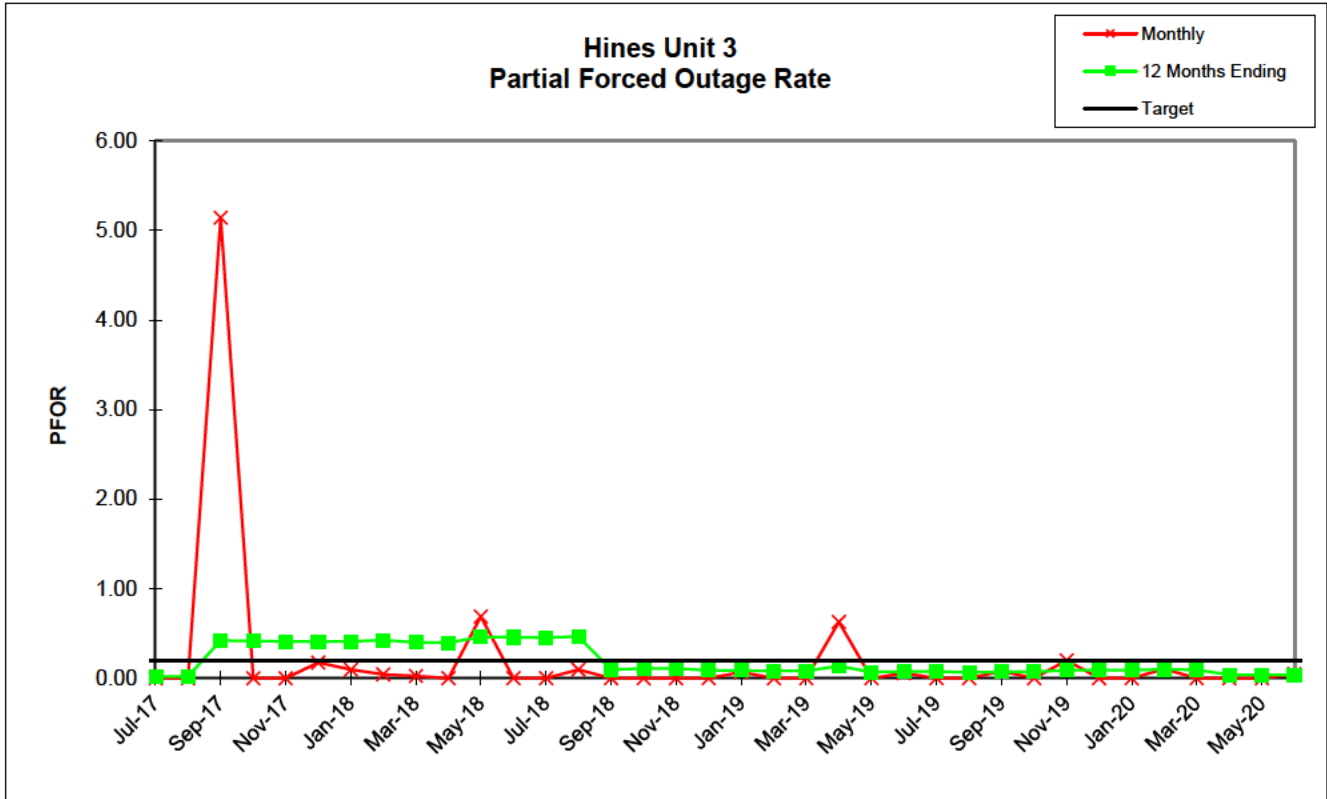
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Unit 3

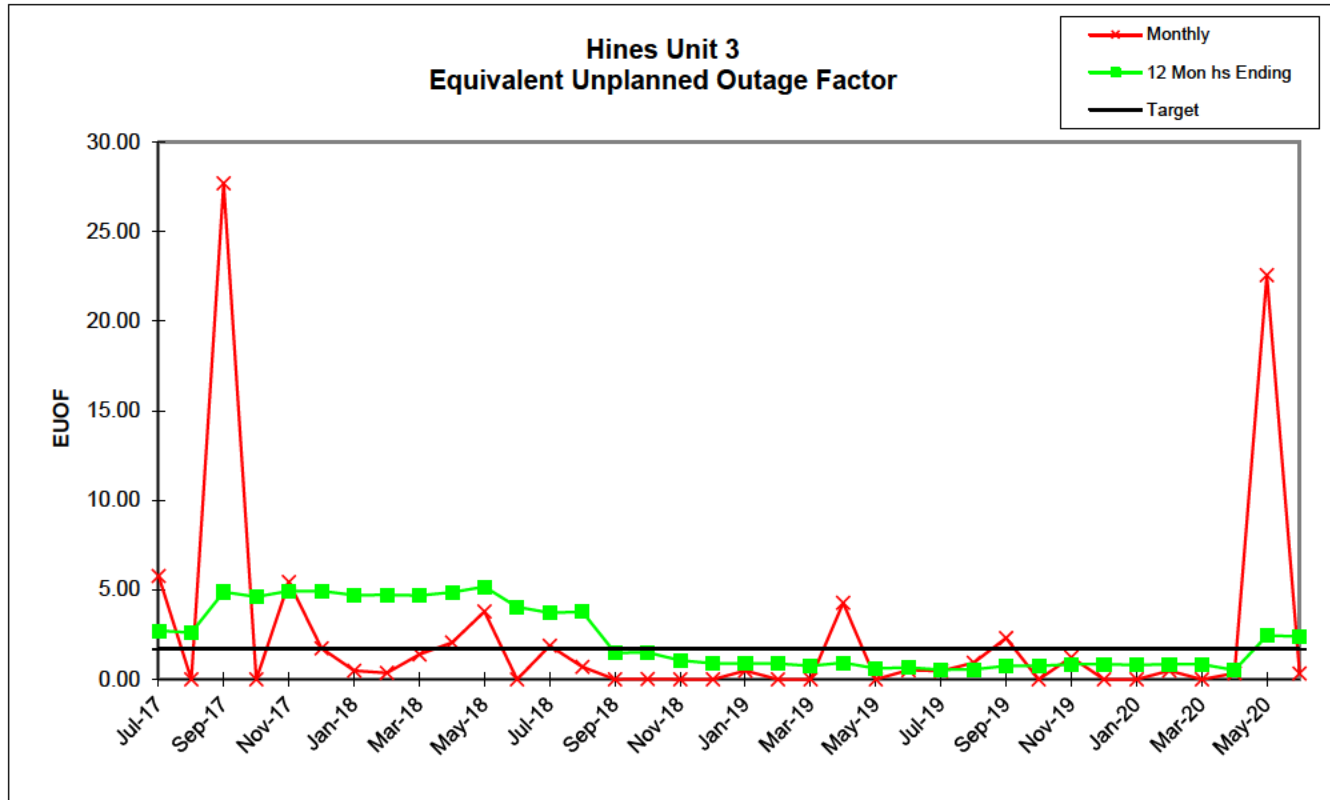
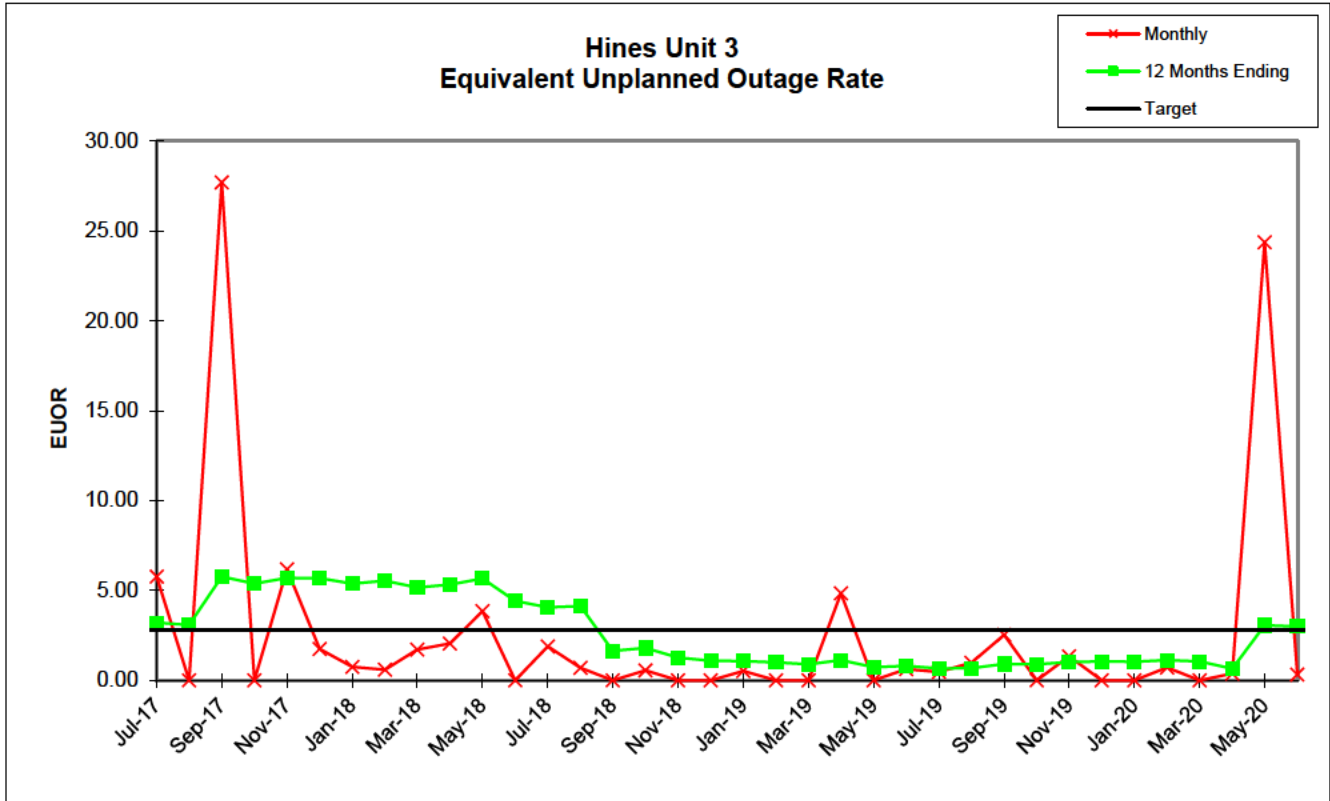
	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
PER HOURS	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00
SER HOURS	701.00	744.00	548.72	744.00	597.58	732.16	478.31	413.24	598.18	705.76	710.57	720.00	731.95	739.49	673.52	39.01	605.99	706.70
RSH	0.00	0.00	0.00	0.00	88.09	0.17	262.50	256.47	135.86	1.44	11.55	0.00	0.00	0.00	0.00	0.00	113.58	37.30
UH	43.00	0.00	171.28	0.00	35.33	11.66	3.18	2.28	8.96	12.80	21.89	0.00	12.05	4.51	46.48	704.99	1.43	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	46.48	704.77	1.43	0.00
FOH	0.00	0.00	171.28	0.00	5.37	11.66	3.18	2.28	0.84	0.00	0.00	0.00	0.00	4.51	0.00	0.22	0.00	0.00
MOH	43.00	0.00	0.00	0.00	29.95	0.00	0.00	0.00	8.11	12.80	21.89	0.00	12.05	0.00	0.00	0.00	0.00	0.00
PFOH	0.00	0.00	137.97	0.00	0.00	6.22	2.94	1.11	0.98	0.00	39.40	0.00	0.00	4.40	0.00	0.00	0.00	0.00
LRPF	0.00	0.00	111.06	0.00	0.00	112.04	81.03	80.98	81.33	0.00	64.74	0.00	0.00	86.01	0.00	0.00	0.00	0.00
EFOH	0.00	0.00	28.22	0.00	0.00	1.28	0.46	0.17	0.15	0.00	4.90	0.00	0.00	0.73	0.00	0.00	0.00	0.00
PMOH	0.00	0.00	0.00	0.00	19.34	0.00	0.00	0.00	7.93	12.50	9.07	0.00	11.77	0.00	0.00	0.00	0.00	0.00
LRPM	0.00	0.00	0.00	0.00	108.08	0.00	0.00	0.00	82.96	81.65	83.99	0.00	87.00	0.00	0.00	0.00	0.00	0.00
EMOH	0.00	0.00	0.00	0.00	3.85	0.00	0.00	0.00	1.26	1.96	1.46	0.00	1.97	0.00	0.00	0.00	0.00	0.00
NPC	543.00	543.00	543.00	543.00	543.00	543.00	521.00	521.00	521.00	521.00	521.00	521.00	521.00	521.00	521.00	521.00	521.00	521.00
MONTHLY	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
FOR	0.00	0.00	23.79	0.00	0.89	1.57	0.66	0.55	0.14	0.00	0.00	0.00	0.00	0.61	0.00	0.56	0.00	0.00
MOR	5.78	0.00	0.00	0.00	4.77	0.00	0.00	0.00	1.34	1.78	2.99	0.00	1.62	0.00	0.00	0.00	0.00	0.00
PFOR	0.00	0.00	5.14	0.00	0.00	0.18	0.10	0.04	0.03	0.00	0.69	0.00	0.00	0.10	0.00	0.00	0.00	0.00
PMOR	0.00	0.00	0.00	0.00	0.64	0.00	0.00	0.00	0.21	0.28	0.21	0.00	0.27	0.00	0.00	0.00	0.00	0.00
EUOR	5.78	0.00	27.71	0.00	6.19	1.74	0.76	0.59	1.71	2.05	3.86	0.00	1.88	0.70	0.00	0.56	0.00	0.00
EUOF	5.78	0.00	27.71	0.00	5.43	1.74	0.49	0.36	1.40	2.05	3.80	0.00	1.88	0.70	0.00	0.03	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	6.46	94.73	0.20	0.00
EAF	94.22	100.00	72.29	100.00	94.57	98.26	99.51	99.64	98.60	97.95	96.20	100.00	98.12	99.30	93.54	5.24	99.80	100.00
12 MONTHS	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
FOR	2.15	2.02	4.36	4.05	3.95	4.01	4.02	4.16	3.74	3.73	3.73	2.47	2.46	2.51	0.35	0.39	0.32	0.15
MOR	1.02	1.02	1.04	0.95	1.35	1.27	0.99	1.02	1.06	1.22	1.50	1.48	1.09	1.09	1.07	1.17	0.76	0.76
PFOR	0.02	0.02	0.42	0.42	0.41	0.41	0.41	0.43	0.40	0.40	0.46	0.46	0.46	0.47	0.10	0.11	0.11	0.09
PMOR	0.06	0.06	0.07	0.06	0.12	0.12	0.05	0.05	0.07	0.09	0.11	0.11	0.14	0.14	0.13	0.15	0.09	0.09
EUOR	3.21	3.08	5.77	5.38	5.70	5.68	5.38	5.55	5.16	5.33	5.66	4.42	4.06	4.13	1.64	1.81	1.27	1.10
EUOF	2.71	2.61	4.88	4.62	4.93	4.93	4.70	4.73	4.69	4.86	5.18	4.04	3.71	3.77	1.49	1.50	1.05	0.90
POF	9.70	9.70	9.70	8.83	7.18	7.18	7.18	7.18	0.00	0.00	0.00	0.00	0.00	0.00	0.53	8.58	8.59	8.59
EAF	87.58	87.69	85.41	86.55	87.89	87.89	88.12	88.10	95.31	95.14	94.82	95.96	96.29	96.23	97.98	89.93	90.36	90.51

Hines
Unit 3

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744.00	696.00	743.00	720.00	744.00	720.00
SER HOURS	700.11	638.34	343.61	606.56	744.00	604.15	726.72	702.23	640.48	190.87	658.48	395.39	460.05	460.19	726.67	655.96	521.00	714.93
RSH	40.69	33.66	399.39	86.52	0.00	112.43	13.86	34.81	63.38	0.00	54.95	348.61	283.95	232.97	16.33	61.54	55.10	3.06
UH	3.20	0.00	0.00	26.93	0.00	3.42	3.43	6.95	16.13	553.13	7.57	0.00	0.00	2.84	0.00	2.50	167.90	2.01
POH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	553.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FOH	3.20	0.00	0.00	23.93	0.00	3.42	3.43	0.00	16.13	0.00	7.57	0.00	0.00	2.84	0.00	0.00	54.77	2.01
MOH	0.00	0.00	0.00	3.00	0.00	0.00	0.00	6.95	0.01	0.00	0.00	0.00	0.00	0.00	0.00	2.50	113.13	0.00
PFOH	3.28	0.00	0.00	24.53	0.00	3.68	0.00	0.00	3.17	0.00	7.77	0.00	0.00	4.00	0.00	0.00	0.00	2.04
LRPF	75.32	0.00	0.00	80.41	0.00	49.58	0.00	0.00	83.25	0.00	87.28	0.00	0.00	61.59	0.00	0.00	0.00	88.11
EFOH	0.48	0.00	0.00	3.82	0.00	0.35	0.00	0.00	0.51	0.00	1.31	0.00	0.00	0.48	0.00	0.00	0.00	0.35
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	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00	515.00	515.00	515.00	515.00	515.00	515.00
MONTHLY	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
FOR	0.45	0.00	0.00	3.80	0.00	0.56	0.47	0.00	2.46	0.00	1.14	0.00	0.00	0.61	0.00	0.00	9.51	0.28
MOR	0.00	0.00	0.00	0.49	0.00	0.00	0.00	0.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	17.84	0.00
PFOR	0.07	0.00	0.00	0.63	0.00	0.06	0.00	0.00	0.08	0.00	0.20	0.00	0.00	0.10	0.00	0.00	0.00	0.05
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	0.52	0.00	0.00	4.85	0.00	0.62	0.47	0.98	2.54	0.00	1.33	0.00	0.00	0.72	0.00	0.38	24.37	0.33
EUOF	0.49	0.00	0.00	4.27	0.00	0.52	0.46	0.93	2.31	0.00	1.23	0.00	0.00	0.48	0.00	0.35	22.57	0.33
POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	74.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EAF	99.51	100.00	100.00	95.73	100.00	99.48	99.54	99.07	97.69	25.65	98.77	100.00	100.00	99.52	100.00	99.65	77.43	99.67
12 MONTHS	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
FOR	0.15	0.12	0.11	0.44	0.44	0.49	0.54	0.48	0.71	0.69	0.79	0.82	0.81	0.87	0.82	0.48	1.29	1.25
MOR	0.74	0.72	0.63	0.51	0.21	0.21	0.04	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.14	0.14	1.79	1.76
PFOR	0.09	0.08	0.08	0.14	0.07	0.08	0.08	0.07	0.07	0.07	0.09	0.09	0.09	0.10	0.09	0.04	0.04	0.04
PMOR	0.09	0.09	0.07	0.05	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EUOR	1.07	1.00	0.90	1.13	0.74	0.80	0.66	0.68	0.92	0.90	1.01	1.06	1.04	1.12	1.06	0.65	3.07	3.00
EUOF	0.90	0.87	0.76	0.94	0.62	0.66	0.54	0.56	0.75	0.74	0.85	0.85	0.80	0.84	0.84	0.52	2.43	2.41
POF	8.59	8.59	8.59	8.59	8.59	8.59	8.59	8.59	8.06	6.33	6.31	6.31	6.31	6.30	6.30	6.30	6.30	6.30
EAF	90.51	90.53	90.65	90.47	90.79	90.75	90.87	90.85	91.19	92.92	92.84	92.84	92.88	92.86	92.86	93.18	91.27	91.29







Hines
Unit 4

	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
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	675.38	708.20	711.67	741.07	212.06	377.19	574.23	630.03	743.00	697.74	744.00	718.97	734.94	715.29	720.00	640.18	0.00	436.62
RSH	9.16	2.29	8.33	0.00	18.28	78.42	156.80	41.97	0.00	4.75	0.00	0.00	0.00	5.44	0.00	103.82	328.02	76.72
UH	59.46	33.51	0.00	2.93	490.66	288.39	12.97	0.00	0.00	17.52	0.00	1.03	9.06	23.27	0.00	0.00	392.98	230.66
POH	0.00	0.00	0.00	0.00	489.55	288.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	392.98	194.46
FOH	50.46	33.51	0.00	2.93	1.11	0.00	12.97	0.00	0.00	0.00	0.00	1.03	4.99	22.28	0.00	0.00	0.00	36.20
MOH	9.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.52	0.00	0.00	4.07	0.99	0.00	0.00	0.00	0.00
PFOH	171.67	20.32	0.00	3.30	1.25	0.00	11.99	0.00	0.00	0.00	0.58	0.97	4.71	57.32	0.00	0.00	0.00	19.40
LRPF	74.14	67.81	0.00	87.68	99.69	0.00	69.17	0.00	0.00	0.00	54.26	76.15	71.10	34.84	0.00	0.00	0.00	67.16
EFOH	24.15	2.61	0.00	0.55	0.24	0.00	1.65	0.00	0.00	0.00	0.06	0.15	0.66	3.96	0.00	0.00	0.00	2.59
PMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.52	0.00	0.00	3.84	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	78.14	0.00	0.00	79.10	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	2.56	0.00	0.00	0.60	0.00	0.00	0.00	0.00	0.00
NPC	527.00	527.00	527.00	527.00	527.00	527.00	504.00	504.00	504.00	504.00	504.00	504.00	504.00	504.00	504.00	504.00	504.00	504.00
MONTHLY	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
FOR	6.95	4.52	0.00	0.39	0.52	0.00	2.21	0.00	0.00	0.00	0.00	0.14	0.67	3.02	0.00	0.00	0.00	7.66
MOR	1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.45	0.00	0.00	0.55	0.14	0.00	0.00	0.00	0.00
PFOR	3.58	0.37	0.00	0.07	0.11	0.00	0.29	0.00	0.00	0.00	0.01	0.02	0.09	0.55	0.00	0.00	0.00	0.59
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00
EUOR	11.38	4.87	0.00	0.47	0.63	0.00	2.49	0.00	0.00	2.81	0.01	0.16	1.39	3.69	0.00	0.00	0.00	8.20
EUOF	11.24	4.86	0.00	0.47	0.19	0.00	1.96	0.00	0.00	2.79	0.01	0.16	1.39	3.66	0.00	0.00	0.00	5.21
POF	0.00	0.00	0.00	0.00	67.90	38.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54.50	26.14
EAF	88.76	95.14	100.00	99.53	31.91	61.24	98.04	100.00	100.00	97.21	99.99	99.84	98.61	96.34	100.00	100.00	45.50	68.65
12 MONTHS	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
FOR	8.62	1.48	1.48	1.47	1.53	1.53	1.72	1.68	1.68	1.51	1.36	1.34	0.74	0.59	0.59	0.56	0.56	1.04
MOR	1.16	1.08	1.08	1.05	0.55	0.32	0.33	0.32	0.32	0.55	0.55	0.35	0.28	0.30	0.30	0.30	0.31	0.31
PFOR	0.49	0.49	0.49	0.48	0.50	0.50	0.53	0.52	0.52	0.52	0.48	0.39	0.08	0.10	0.10	0.09	0.09	0.12
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
EUOR	10.03	2.99	3.00	2.97	2.55	2.34	2.55	2.50	2.50	2.59	2.40	2.09	1.14	1.02	1.02	0.99	1.00	1.51
EUOF	8.80	2.63	2.63	2.66	2.20	2.01	2.18	2.17	2.17	2.25	2.10	1.83	1.00	0.89	0.89	0.85	0.84	1.28
POF	7.93	7.93	7.93	6.44	9.40	9.04	9.04	9.04	9.04	8.88	8.88	8.88	8.88	8.88	8.88	8.88	7.78	6.71
EAF	83.28	89.45	89.45	90.91	88.40	88.95	88.78	88.79	88.79	88.87	89.02	89.29	90.12	90.23	90.23	90.27	91.38	92.01

Hines
Unit 4

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744.00	696.00	743.00	720.00	744.00	720.00
SER HOURS	677.19	637.21	680.19	678.23	738.92	603.62	509.75	702.35	685.27	542.99	53.31	734.79	720.85	648.90	663.15	556.20	697.39	717.64
RSH	64.80	33.43	62.81	41.77	2.89	72.83	5.43	31.65	32.76	55.83	0.00	1.49	17.57	47.10	38.15	121.23	46.61	0.00
UH	2.01	1.35	0.00	0.00	2.19	43.55	228.81	10.00	1.97	145.18	667.69	7.72	5.58	0.00	41.70	42.57	0.00	2.36
POH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	142.82	665.56	6.91	0.00	0.00	0.00	0.00	0.00	0.00
FOH	2.01	1.35	0.00	0.00	2.19	43.55	228.81	0.00	1.97	2.36	2.13	0.81	5.58	0.00	41.70	42.57	0.00	2.36
MOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	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	8.50	0.00	2.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.58	0.00	3.00	0.58	0.00	0.00
LRPF	0.00	0.00	38.73	0.00	55.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	78.07	0.00	62.43	89.00	0.00	0.00
EFOH	0.00	0.00	0.64	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.00	0.36	0.10	0.00	0.00
PMOH	0.00	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LRPM	0.00	78.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMOH	0.00	0.39	0.00	0.00	0.00	0.00	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	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00	516.00
MONTHLY	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
FOR	0.30	0.21	0.00	0.00	0.30	6.73	30.98	0.00	0.29	0.43	3.84	0.11	0.77	0.00	5.92	7.11	0.00	0.33
MOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.40	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	0.09	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.05	0.02	0.00	0.00
PMOR	0.00	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	0.00	0.00	0.00	0.00
EUOR	0.30	0.27	0.09	0.00	0.33	6.73	30.98	1.40	0.29	0.43	3.84	0.11	0.88	0.00	5.97	7.13	0.00	0.33
EUOF	0.27	0.26	0.09	0.00	0.32	6.05	30.75	1.34	0.27	0.32	0.30	0.11	0.86	0.00	5.66	5.93	0.00	0.33
POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.20	92.31	0.93	0.00	0.00	0.00	0.00	0.00	0.00
EAF	99.73	99.74	99.91	100.00	99.68	93.95	69.25	98.66	99.73	80.49	7.39	98.96	99.14	100.00	94.34	94.07	100.00	99.67
12 MONTHS	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
FOR	0.88	0.90	0.91	0.91	0.94	1.53	4.56	4.28	4.33	4.42	4.41	3.79	3.81	3.79	4.32	4.93	4.93	4.34
MOR	0.30	0.30	0.30	0.07	0.07	0.07	0.01	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
PFOR	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.05	0.05	0.05	0.05	0.01	0.02	0.02	0.02	0.02	0.02	0.02
PMOR	0.04	0.05	0.05	0.01	0.01	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
EUOR	1.32	1.34	1.36	1.10	1.13	1.72	4.68	4.46	4.51	4.60	4.60	3.93	3.97	3.94	4.47	5.08	5.08	4.49
EUOF	1.14	1.16	1.17	0.94	0.96	1.45	3.94	3.74	3.77	3.79	3.82	3.38	3.43	3.41	3.88	4.36	4.34	3.87
POF	6.71	6.71	6.71	6.71	6.71	6.71	6.71	6.71	6.71	8.34	11.45	9.31	9.31	9.28	9.28	9.28	9.28	9.28
EAF	92.16	92.14	92.13	92.36	92.33	91.85	89.35	89.55	89.53	87.87	84.73	87.31	87.26	87.31	86.84	86.36	86.38	86.85

