Matthew R. Bernier
Associate General Counsel

September 3, 2019

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. 20190001-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 2020 through December 2020;
- Direct Testimony of Christopher A. Menendez and Exhibit No. ___ (CAM-3); and
- Direct Testimony of James Bradley Daniel and Exhibit No. ___(JBD-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
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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. 20190001-EI Filed: September 3, 2019

PETITION FOR APPROVAL OF FUEL AND PURCHASE POWER COST RECOVERY FACTORS FOR THE PERIOD JANUARY 2020 THROUGH DECEMBER 2020

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 2020 through December 2020. 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 3.345 cents/kWh (before metering voltage adjustments). The basic factor consists of a fuel cost for the projection period of 3.2999 cents/kWh (adjusted for jurisdictional losses), a GPIF reward of 0.0066 cents/kWh, and an estimated prior period under-recovery true-up of 0.0366 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 1.051 cents/kWh.

Other Issues

3. DEF has calculated that it is subject to a GPIF reward of $2,591,697 for the performance experienced during the period January 1, 2018 through December 31, 2018. The Company is also proposing GPIF targets and ranges for the period January 1, 2020 through December 31, 2020 with such proposed targets and ranges being detailed in the testimony and exhibits of DEF witness James Bradley Daniel.

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 2020 through December 2020 as set forth in the testimony and supporting exhibit of Christopher A. Menendez filed on September 3, 2019. DEF also requests the Commission approve the Company's GPIF targets and ranges for the period January 1, 2020 through December 31, 2020 as set forth in the testimony and exhibits of James Bradley Daniel filed on September 3, 2019.

Respectfully submitted,

s/Matthew R. Bernier

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CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 3rd day of September, 2019.

s/ Matthew R. Bernier
Attorney

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DUKE ENERGY FLORIDA, LLC

DOCKET NO. 20190001-EI

Fuel and Capacity Cost Recovery Factors
January through December 2020

DIRECT TESTIMONY OF
Christopher A. Menendez

September 3, 2019

Q. Please state your name and business address.

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

Q. Have you previously filed testimony before this Commission in Docket No. 20190001-EI?

A. Yes, I provided direct testimony on March 1, 2019 and July 26, 2019.

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

A. Yes.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to present for Commission approval the fuel and capacity cost recovery factors of Duke Energy Florida, LLC ("DEF" or the "Company") for the period of January through December 2020.

Q. Do you have an exhibit to your testimony?

A. Yes. I have prepared Exhibit No.__(CAM-3), consisting of Parts 1, 2 and 3. Part 1 contains DEF's forecast assumptions on fuel costs. Part 2 contains fuel cost recovery ("FCR") schedules E1 through E10, H1 and the calculation of the inverted residential fuel rate. I have also included a schedule to support the capital structure components and cost rates relied upon to calculate the return requirements on all capital projects recovered through the fuel clause as required by Order No. PSC-2018-0079-PCO-EI. Part 3 contains capacity cost recovery ("CCR") schedules.

FUEL COST RECOVERY CLAUSE

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

A. Schedule E1 shows the calculation of the Company's jurisdictional fuel cost factor of 3.345 ¢/kWh. This factor consists of a fuel cost for the projection period

of 3.2999 ¢/kWh (adjusted for jurisdictional losses), a GPIF reward of 0.0066 ¢/kWh, and an estimated prior period under-recovery true-up of 0.0366 ¢/kWh. Utilizing this factor, Schedule E1-D shows the calculation and supporting data for the Company's levelized fuel cost factors for service taken at secondary, primary and transmission metering voltage levels. To perform this calculation, effective jurisdictional sales at the secondary level are calculated by applying 1% and 2% metering reduction factors to primary and transmission sales, respectively (forecasted at meter level). This is consistent with the methodology used in the development of the CCR factors.

Schedule E1-D, lines 11-12 show the Company's proposed tiered rates of 3.067 ¢/kWh for the first 1,000 kWh and 4.067 ¢/kWh above 1,000 kWh. These rates are developed in the "Calculation of Inverted Residential Fuel Rates" schedule in Part 2 of my exhibit.

Schedule E1-E develops the Time of Use ("TOU") multipliers of 1.286 On-peak and 0.872 Off-peak. The multipliers are then applied to the levelized fuel cost factors for each metering voltage level which results in the final TOU fuel factors to be applied to customer bills during the projection period.

Q. What is the amount of the 2019 net true-up that DEF has included in the fuel cost recovery factor for 2020?

A. DEF has included a projected under-recovery of $14,462,684. This amount includes a projected actual/estimated over-recovery for 2019 of $39,965,991, a final 2018 true-up net under-recovery of $54,428,676 as shown in my Direct Testimony filed on March 1, 2019.

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

A. The projected levelized residential fuel factor for 2020 of 3.350 ¢/kWh is a decrease of 0.624 ¢/kWh or 16% from the 2019 levelized residential fuel factor of 3.974 ¢/kWh.

Q. Please explain the decrease in the 2020 fuel factor compared with the 2019 fuel factor.

A. The primary drivers of the decrease in the 2020 fuel factor are a decrease in jurisdictional fuel and purchased power expense of approximately $109 million, decrease in the prior period true-up of approximately $134 million partially offset by an increase in the GPIF amount of approximately $5 million.

Q. Have you made any adjustments to your estimated fuel costs for the period January through December 2020?

A. Yes. Consistent with Order No. PSC-2018-0240-PAA-EQ dated May 8, 2018, DEF included an adjustment of approximately $13.6 million (grossed up to approximately $13.7 million from retail to system) for the amortization of Florida Power Development, LLC qualifying facility regulatory asset from January through December 2020 partially offset by an approximate $13.2 million system ($13.1 million retail) credit related to Citrus.

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

A. Yes. DEF is proposing to continue use of the inverted rate design for residential fuel factors to encourage energy efficiency and conservation. Specifically, the Company proposes to continue a two-tiered fuel charge whereby the charge for a customer's monthly usage in excess of 1,000 kWh (second tier) is priced one cent per kWh higher than the charge for the customer's usage up to 1,000 kWh (first tier). The 1,000 kWh price change breakpoint is reasonable in that approximately 72% of all residential energy is consumed in the first tier and 28% of all energy is consumed in the second tier. The Company believes the one cent higher per unit price, targeted at the second tier of the residential class' energy consumption, will promote energy efficiency and conservation. This

inverted rate design was incorporated in the Company's base rates approved in Order No. PSC-2002-0655-AS-EI.

Q. How was the inverted fuel rate calculated?

A. I have included a page in Part 2 of my exhibit that shows the calculation of the fuel cost factors for the two tiers of the residential rate. The two factors are calculated on a revenue neutral basis so that the Company will recover the same fuel costs as it would under the traditional levelized approach. The two-tiered factors are determined by first calculating the amount of revenues that would be generated by the overall levelized residential factor of 3.350 ¢/kWh shown on Schedule E1-D. The two factors are then calculated by allocating the total revenues to the two tiers for residential customers based on the total annual energy usage for each tier.

Q. How do DEF's projected gains on non-separated wholesale energy sales for 2020 compare to the incentive benchmark?

A. The total gain on non-separated sales for 2019 is estimated to be $1,371,287 which is below the benchmark of $1,604,573. 100% of gains below the benchmark and 80% of gains above the benchmark will be distributed to customers based on the sharing mechanism approved by the Commission in Order No. PSC-2000-1744-PAA-EI. Therefore, since the total gain on non-

separated sales was below the benchmark, none of the gains will be retained for shareholders. The benchmark was calculated based on the average of actual gains for 2017 and 2018 of $887,370 and $2,269,916, respectively, and estimated gains for 2019 of $1,656,431 in accordance with Order No. PSC-2000-1744-PAA-EI.

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

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

the fuel adjustment calculation in the same manner that interchange sales are removed from the calculation.

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

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

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

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

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

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

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

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

Q. Is the 2018 GPIF reward discussed in the March 15, 2019 direct testimony of James Bradley Daniel included in 2019 rates?

A. Yes. The GPIF reward of $2,591,697 is included on Schedule E1, Line 26 of Exhibit CAM-3, Part 2.

Q. Does DEF's Weighted Average Cost of Capital ("WACC") comply with paragraph 19 of the 2017 Settlement?

A. Yes. The WACC complies with paragraph 19 of the 2017 Settlement.

CAPACITY COST RECOVERY CLAUSE

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

A. The following schedules are included in my exhibit:

Schedule E12-A – Calculation of Projected Capacity Costs – Year 2020

Page 1 of Schedule E12-A includes estimated 2020 calendar year system capacity payments to Qualifying Facilities ("QF") and other power suppliers. The retail portion of the capacity payments is calculated using separation factors consistent with the 2017 Settlement.

The recovery of estimated Dry Casket Storage costs, also referred to as Independent Spent Fuel Storage Installation ("ISFSI") costs, are included on line 35 of Schedule E12-A, page 1. Schedule E12-A, page 2, provides dates and MWs associated with the QF and purchase power contracts.

DEF has shown the 2020 Calculation of Projected Capacity Costs on Schedule E-12A, line 36.

Schedule E12-B – Calculation of Estimated/Actual True-Up - Year 2019

Schedule E12-B, which is also included in Exhibit __(CAM-2) to my direct testimony filed on July 26, 2019, as part of the 2019 actual/estimated true-up filing, calculates the estimated true-up capacity over-recovered balance for calendar year 2019 of $1,848,509. This balance is carried forward to Schedule E12-A, line 29 to be refunded to customers from January through December 2020.

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 recoverable jurisdictional capacity (including revenue taxes) from Schedule E12-

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

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

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

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

Q. What is the 2020 projected average retail CCR factor?

A. The 2019 average retail CCR factor is 1.051 ¢/kWh, made up of capacity of 1.034 ¢/kWh and ISFSI costs of 0.017 ¢/kWh.

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

A. The total projected average retail CCR rate of 1.051 ¢/kWh is 0.046 ¢/kWh, or 4%, lower than the 2018 factor of 1.097 ¢/kWh. This decrease is primarily due to the conclusion of the recovery of the CR3 Uprate at year end 2019, as approved in Order No. PSC-2018-0490-FOF-EI, and the difference in the in the prior period true-up balance.

Q. Does this conclude your testimony?

A. Yes

Docket No.20190001-EI
Exhibit No. ____(CAM-3)
Part 1

DUKE ENERGY FLORIDA, LLC

Fuel and Capacity Cost Recovery Factor

January through December 2020

PART 1 – 2020 FUEL PRICE FORECAST ASSUMPTIONS

Projected Market Price by Fuel Type

PROJECTED MARKET PRICE BY FUEL TYPE

	Light Oil		Coal Crystal River 4 & 5		Natural Gas
Month	$/barrel	$/mmbtu	$/ton	$/mmbtu	$/mmbtu
Jan 2020	75.48	13.02	72.54	3.08	2.80
Feb 2020	80.01	13.80	72.49	3.08	2.78
Mar 2020	81.68	14.09	72.44	3.07	2.71
Apr 2020	84.59	14.60	72.39	3.06	2.51
May 2020	83.60	14.42	72.34	3.06	2.49
Jun 2020	74.56	12.86	72.28	3.05	2.52
Jul 2020	75.23	12.98	72.18	3.04	2.56
Aug 2020	75.60	13.04	71.62	3.03	2.57
Sep 2020	76.04	13.12	71.25	3.03	2.56
Oct 2020	76.08	13.13	70.80	3.02	2.58
Nov 2020	75.65	13.05	70.63	3.01	2.64
Dec 2020	75.33	13.00	70.64	3.01	2.79
Average	77.82	13.43	71.80	3.05	2.63

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 thrid 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 proce 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 2020

PART 2 - 2020 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

(Order No. PSC-12-0425-PAA-EU)

Duke Energy Florida, LLC
Fuel and Purchased Power Cost Recovery Clause
Estimated for the Period of : January 2020 through December 2020

				DOLLARS		mWh	CENTS/KWH
1.	Fuel Cost of System Net Generation (E3)			1,187,595,814		39,901,097	2.9763
2.	Coal Car Investment			0		0	0.0000
3.	Adjustment to Fuel Cost			471,689		0	0.0000
4.	TOTAL COST OF GENERATED POWER			1,188,067,503		39,901,097	2.9775
5.	Energy Cost of Purchased Power (Excl. Econ & Cogens) (E7)			40,223,323		1,184,223	3.3966
6.	Energy Cost of Economy Purchases (E9)			2,806,587		71,819	3.9079
7.	Payments to Qualifying Facilities (E8)			117,941,811		2,878,391	4.0975
8.	TOTAL COST OF PURCHASED POWER			160,971,721		4,134,433	3.8934
9.	TOTAL AVAILABLE mWh					44,035,530	
10.	Fuel Cost of Economy Sales	(E6)		(5,181,263)		(151,923)	3.4105
10a.	Gain on Economy Sales	(E6)		(1,371,287)		(151,923) *	0.9026
10b.	Gain on Total Power Sales - 20%	(E6)		0			
11.	Fuel Cost of Stratified Sales	(E6)		(33,865,852)		(1,464,420)	2.3126
12.	TOTAL FUEL COST AND GAINS ON POWER SALES			(40,418,402)		(1,616,343)	2.5006
13.	Net Inadvertent Interchange						
14.	TOTAL FUEL AND NET POWER TRANSACTIONS			1,308,620,822		42,419,187	3.0850
15.	Net Unbilled			(1,157,040)	*	3,686	(0.0029)
16.	Company Use			6,324,102	*	(204,320)	0.0159
17.	T & D Losses			78,614,402	*	(2,548,274)	0.1982
18.	Adjusted System Sales			1,308,620,822		39,670,279	3.2962
19.	Wholesale Sales (Excluding Supplemental Sales)			(5,734,171)		(173,703)	3.3011
20.	Jurisdictional Sales			1,302,886,651		39,496,577	3.2987
21.	Jurisdictional Sales Adjusted for Line Losses x		1.00034	1,303,329,632		39,496,577	3.2999
22.	Prior Period True-Up (Sch E1-A)			14,462,684		39,496,577	0.0366
23.	Total Jurisdictional Fuel Cost			1,317,792,316		39,496,577	3.3365
24.	Revenue Tax Factor			948,810			1.0007
25.	Fuel Cost Adjusted for Taxes			1,318,741,126		39,496,577	3.3389
26.	GPIF **			2,591,697		39,496,577	0.0066
27.	Fuel Factor Adjusted for taxes including GPIF			1,321,332,823		39,496,577	3.3454
28.	Total Fuel Cost Factor (rounded to the nearest .001 cents/ KWH)						3.3450

* 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 2020 through December 2020

1.	Actual Over/(Under) Recovery January - December 2018 **(** Schedule E1-B, Page 2 of 2, Section C, Line 9 - Dec 18 **)**	$	(202,879,590)
2.	Projected (Over)/Under Recovery January - December 2018 (Refunded)/Collected January - December 2019 **(** Schedule E1-B, Page 2 of 2, Section C, Line 10 - Dec 18 **)**	$	148,450,915
3.	Estimated Over/(Under) Recovery January - December 2019 **(** Schedule E1-B, Page 2 of 2, Section C, Line 8 - Dec 19 **)**	$	39,965,991
4.	Total Over/(Under) Recovery (Line 1 through Line 3)	$	(14,462,684)
5.	Jurisdictional mWh Sales (Projected Period)	mWh	39,496,577
6.	True-Up Factor (Line 6 / Line 7)	Cents/kWh	0.037

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

			Jan Actual	Feb Actual	Mar Actual	Apr Actual	May Actual	Jun Actual	6 Month Sub-Total
A	1	Fuel Cost of System Generation	$ 109,976,964	$ 82,327,645	$ 91,917,642	$ 96,277,004	$ 109,917,691	$ 118,976,978	$ 609,393,924
	2	Fuel Cost of Power Sold	(3,100,010)	(1,478,546)	(2,257,015)	(2,883,465)	(4,252,385)	(9,623,682)	(23,595,103)
	3	Fuel Cost of Purchased Power	3,709,959	2,648,955	5,132,188	6,247,340	13,339,364	12,829,894	43,907,699
	3a	Demand and Non-Fuel Cost of Purchased Power							-
	3b	Energy Payments to Qualified Facilities	10,908,157	7,601,725	7,328,667	7,064,641	8,882,702	9,231,306	51,017,197
	4	Energy Cost of Economy Purchases	184,282	240,158	250,203	378,398	462,113	517,405	2,032,557
	5	Adjustments to Fuel Cost	1,304,334	1,209,489	1,202,751	1,198,907	1,197,017	1,196,947	7,309,445
	6	TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	122,983,686	92,549,425	103,574,435	108,282,824	129,546,501	133,128,847	690,065,719
B	1	Jurisdictional mWh Sales	2,669,994	2,719,125	2,780,959	2,897,129	3,185,818	3,813,849	18,066,873
	2	Non-Jurisdictional mWh Sales	19,604	18,678	12,252	12,171	17,654	31,506	111,863
	3	TOTAL SALES (Lines B1 + B2)	2,689,597	2,737,803	2,793,210	2,909,299	3,203,472	3,845,354	18,178,736
	4	Jurisdictional % of Total Sales (Line B1/B3)	99.27%	99.32%	99.56%	99.58%	99.45%	99.18%	99.38%
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	104,760,834	106,246,246	108,046,001	112,815,219	125,936,532	152,625,203	710,430,035
	2	True-Up Provision	(12,370,910)	(12,370,910)	(12,370,910)	(12,370,910)	(12,370,910)	(12,370,910)	(74,225,460)
	2a	Incentive Provision	191,794	191,794	191,794	191,794	191,794	191,794	1,150,764
	3	FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	92,581,718	94,067,130	95,866,885	100,636,103	113,757,416	140,446,087	637,355,339
	4	Fuel & Net Power Transactions (Line A6)	122,983,686	92,549,425	103,574,435	108,282,824	129,546,501	133,128,847	690,065,719
	5	Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	122,123,752	91,951,342	103,153,768	107,864,698	128,877,798	132,082,083	686,053,442
	6	Over/(Under) Recovery (Line C3 - Line C5)	(29,542,034)	2,115,788	(7,286,883)	(7,228,595)	(15,120,383)	8,364,004	(48,698,103)
	7	Interest Provision	(422,930)	(428,593)	(415,902)	(408,311)	(398,760)	(371,997)	(2,446,493)
	8	TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	(29,964,965)	1,687,195	(7,702,785)	(7,636,906)	(15,519,143)	7,992,008	(51,144,593)
	9	Plus: Prior Period Balance	(202,879,590)	(202,879,590)	(202,879,590)	(202,879,590)	(202,879,590)	(202,879,590)	(202,879,590)
	10	Plus: Cumulative True-Up Provision	12,370,910	24,741,820	37,112,730	49,483,640	61,854,550	74,225,460	74,225,460
	11	Subtotal Prior Period True-up	(190,508,680)	(178,137,770)	(165,766,860)	(153,395,950)	(141,025,040)	(128,654,130)	(128,654,130)
	12	Regulatory Accounting Adjustment	-	-	-	-	-	-	-
	13	TOTAL TRUE-UP BALANCE	($220,473,645)	(206,415,539)	($201,747,415)	($197,013,411)	($200,161,644)	($179,798,727)	(179,798,727)

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

			Jul Estimated	Aug Estimated	Sep Estimated	Oct Estimated	Nov Estimated	Dec Estimated	12 Month Period
A	1	Fuel Cost of System Generation	$ 117,430,448	$ 116,590,525	$ 108,507,217	$ 95,523,571	$ 87,935,869	$ 92,653,910	$ 1,228,035,464
	2	Fuel Cost of Power Sold	(8,107,008)	(8,047,357)	(6,900,753)	(6,494,023)	(3,667,686)	(4,267,921)	(61,079,851)
	3	Fuel Cost of Purchased Power	8,184,838	6,876,582	6,779,581	7,136,160	2,844,662	1,106,770	76,836,292
	3a	Demand and Non-Fuel Cost of Purchased Power							0
	3b	Energy Payments to Qualified Facilities	10,332,497	10,289,444	9,155,724	9,742,112	9,860,682	10,026,097	110,423,752
	4	Energy Cost of Economy Purchases	188,238	123,884	128,246	137,662	89,384	223,111	2,923,082
	5	Adjustments to Fuel Cost	1,185,271	1,181,837	1,172,013	1,168,362	1,164,477	1,162,111	14,343,516
	6	TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	129,214,284	127,014,915	118,842,028	107,213,844	98,227,388	100,904,077	1,371,482,256
B	1	Jurisdictional mWh Sales	3,840,042	3,872,711	3,972,711	3,626,916	3,055,736	2,878,978	39,313,967
	2	Non-Jurisdictional mWh Sales	36,625	37,341	16,716	14,981	11,631	13,906	243,064
	3	TOTAL SALES (Lines B1 + B2)	3,876,667	3,910,052	3,989,428	3,641,897	3,067,367	2,892,884	39,557,031
	4	Jurisdictional % of Total Sales (Line B1/B3)	99.06%	99.05%	99.58%	99.59%	99.62%	99 52%	99.39%
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	152,301,622	153,597,318	157,563,471	143,848,708	121,194,902	114,184,412	1,553,120,468
	2	True-Up Provision	(12,370,910)	(12,370,910)	(12,370,910)	(12,370,910)	(12,370,910)	(12,370,910)	(148,450,915)
	2a	Incentive Provision	191,794	191,794	191,794	191,794	191,794	191,792	2,301,526
	3	FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	140,122,506	141,418,202	145,384,355	131,669,592	109,015,786	102,005,294	1,406,971,079
	4	Fuel & Net Power Transactions (Line A6)	129,214,284	127,014,915	118,842,028	107,213,844	98,227,388	100,904,077	1,371,482,256
	5	Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	128,043,189	125,851,048	118,383,128	106,810,571	97,887,395	100,453,881	1,363,482,653
	6	Over/(Under) Recovery (Line C3 - Line C5)	12,079,317	15,567,153	27,001,228	24,859,021	11,128,391	1,551,413	43,488,421
	7	Interest Provision	(328,337)	(277,639)	(212,216)	(137,572)	(78,343)	(41,829)	(3,522,429)
	8	TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	11,750,980	15,289,514	26,789,011	24,721,449	11,050,048	1,509,584	39,965,991
	9	Plus: Prior Period Balance	(202,879,590)	(202,879,590)	(202,879,590)	(202,879,590)	(202,879,590)	(202,879,590)	(202,879,590)
	10	Plus: Cumulative True-Up Provision	86,596,370	98,967,280	111,338,190	123,709,100	136,080,010	148,450,915	148,450,915
	11	Subtotal Prior Period True-up	(116,283,220)	(103,912,310)	(91,541,400)	(79,170,490)	(66,799,580)	(54,428,675)	(54,428,675)
	12	Regulatory Accounting Adjustment	-	-	-	-	-	-	-
	13	TOTAL TRUE-UP BALANCE	($155,676,837)	($128,016,412)	($88,856,491)	($51,764,131)	($28,343,173)	($14,462,684)	(14,462,684)

Duke Energy Florida, LLC
Calculation of Generating Performance Incentive
And True-Up Adjustment Factors
Estimated for the Period of : January 2020 through December 2020

1.	TOTAL AMOUNT OF ADJUSTMENTS:		
	A. Generating Performance Incentive Reward / (Penalty)	$	2,591,697
	B. True-Up (Over) / Under Recovery	$	14,462,684
2.	JURISDICTIONAL mWh SALES	mWh	39,496,577
3.	ADJUSTMENT FACTORS:		
	A. Generating Performance Incentive Factor	Cents/kWh	0.007
	B. True-Up Factor	Cents/kWh	0.037

Duke Energy Florida, LLC
Calculation of Levelized Fuel Adjustment Factors
Estimated for the Period of : January 2020 through December 2020

1.	Period Jurisdictional Fuel Cost (Schedule E-1, line 21)	$	1,303,329,632	
1a.	Prior Period True-up (E1, Line 22)	$	14,462,684	
2.	Regulatory Assessment Fee (E1, Line 24)	$	948,810	
3.	Generating Performance Incentive Factor (GPIF) (E1, Line 26)	$	2,591,697	
4.	Total Amount to be Recovered	$	1,321,332,823	
5.	Jurisdictional Sales (January - December 2018)		39,496,577	mWh
6.	Jurisdictional Cost per kWh Sold (Line 4 / Line 5 / 10)		3.345	Cents/kWh
7.	Effective Jurisdictional Sales (See Below)		39,448,649	mWh
	LEVELIZED FUEL FACTORS:			
8.	Fuel Factor at Secondary Metering (Line 4 / Line 7 / 10)		3 350	Cents/kWh
9.	Fuel Factor at Primary Metering		3 317	Cents/kWh
10.	Fuel Factor at Transmission Metering		3 283	Cents/kWh
	TIERED FUEL FACTORS:			
11	Fuel Factor - First Tier (0-1000 kWh)		3 067	Cents/kWh
12	Fuel Factor - Second Tier (Over 1000 kWh)		4 067	Cents/kWh

	JURISDICTIONAL SALES (mWh)	
METERING VOLTAGE:	METER	SECONDARY
Distribution Secondary	35,126,666	35,126,666
Distribution Primary	3,947,238	3,907,765
Transmission	422,672	414,219
Total	39,496,575	39,448,649

Duke Energy Florida, LLC
Calculation of Final Fuel Cost Factors
Estimated for the Period of : January 2020 through December 2020

Line:	Metering Voltage	First Tier Factor Cents/kWh	Second Tier Factor Cents/kWh	Levelized Factors Cents/kWh	----------Time of Use---------- On-Peak Multiplier 1.286	Off-Peak Multiplier 0.872
1.	Distribution Secondary	3.067	4.067	3.350	4.308	2.921
2.	Distribution Primary	--	--	3.317	4.266	2.892
3.	Transmission	--	--	3.283	4.222	2.863
4.	Lighting Service	--	--	3.181	--	--

Line 4 calculated at secondary rate of 3.35 * (18.7% * On-Peak Multiplier 1.286 + 81.3% * Off-Peak Multiplier 0.872).

DEVELOPMENT OF TIME OF USE MULTIPLIERS

	ON-PEAK PERIOD			OFF-PEAK PERIOD			TOTAL		
Mo/Yr	System mWh Requirements	Marginal Cost	Average Marginal Cost (¢/kWh)	System mWh Requirements	Marginal Cost	Average Marginal Cost (¢/kWh)	System mWh Requirements	Marginal Cost	Average Marginal Cost (¢/kWh)
Jan-20	831,111	26,096,881	3.140	2,285,773	47,666,695	2.085	3,116,884	73,763,575	2.367
Feb-20	737,927	21,148,521	2.866	2,074,294	44,830,901	2.161	2,812,221	65,979,422	2.346
Mar-20	748,622	21,061,779	2.813	2,134,190	49,839,412	2.335	2,882,812	70,901,191	2.459
Apr-20	1,030,076	33,358,419	3.238	1,934,611	40,302,310	2.083	2,964,687	73,660,730	2.485
May-20	1,157,230	37,917,718	3.277	2,491,719	50,596,271	2.031	3,648,949	88,513,989	2.426
Jun-20	1,399,153	47,216,521	3.375	2,584,527	54,358,193	2.103	3,983,680	101,574,714	2.550
Jul-20	1,510,372	51,305,802	3.397	2,786,095	60,102,243	2.157	4,296,467	111,408,045	2.593
Aug-20	1,358,882	45,848,953	3.374	2,862,504	62,742,269	2.192	4,221,385	108,591,222	2.572
Sep-20	1,326,682	44,763,399	3.374	2,626,255	56,105,858	2.136	3,952,937	100,869,257	2.552
Oct-20	1,134,314	34,673,222	3.057	2,268,608	49,200,574	2.169	3,402,921	83,873,796	2.465
Nov-20	666,585	18,451,074	2.768	2,093,555	48,646,134	2.324	2,760,140	67,097,207	2.431
Dec-20	795,262	23,111,134	2.906	2,246,984	49,384,142	2.198	3,042,246	72,495,276	2.383
TOTAL	12,696,216	404,953,422	3.190	28,389,114	613,775,001	2.162	41,085,330	1,018,728,424	2.480

	ON-PEAK	OFF-PEAK	AVERAGE
MARGINAL FUEL COST			
WEIGHTING MULTIPLIER	1 286	0.872	1.000

Duke Energy Florida, LLC
Development of Jurisdictional Delivery Loss Multipliers
Based on Actual Twelve Months Ending December 31, 2018
Estimated for the Period of : January 2020 through December 2020

		Energy Delivered @ Billing Level							
		Billed mWh	Unbilled mWh	Total mWh	% of Total	Delivery Efficiency	Energy Required @ Source Level	% of Total	Jurisdictional Loss Multiplier
Retail									
Transmission		397,952	305	398,257		0.9835768	404,907		
Distribution Primary		3,815,488	2,926	3,818,414		0.9735768	3,922,046		
Distribution Secondary		34,931,209	26,789	34,957,998		0.9356728	37,361,348		
Total Retail		39,144,649	30,020	39,174,669	99.42%	0.9397041	41,688,302	99.45%	1.00034
						6.03%			
Wholesale									
Generation Level		203,623	-	203,623		1.0000000	203,623		
Transmission		-	-	-		0.9835768	-		
Distribution Primary		26,582	-	26,582		0.9735768	27,304		
Distribution Secondary		-	-	-			-		
Total Wholesale		230,206	-	230,206	0.58%	0.9968758	230,927	0.55%	0.94297
						0.31%			
Subtotal Class		39,374,854	30,020	39,404,874	100.00%	0.9400191	41,919,229	100.00%	1.00000
						6.00%			
Non-Class									
SEPA	Transmission	23,968	-	23,968		0.9835768	24,368		
Homestead Base & Int	Generation	30,762	-	30,762		1.0000000	30,762		
SECI - CC	Generation	714,558	-	714,558		1.0000000	714,558		
SECI - Base	Generation	85,075	-	85,075		1.0000000	85,075		
Reedy Creek Base & Int	Generation	556,716	-	556,716		1.0000000	556,716		
Reedy Creek Hines	Generation	463,792	-	463,792		1.0000000	463,792		
NSB - Peaking	Generation	-	-	-		1.0000000	-		
SECI - Intermediate	Generation	163,204	-	163,204		1.0000000	163,204		
SECI - Peaking	Generation	55,834	-	55,834		1.0000000	55,834		
Interchange	Generation	9,482	-	9,482		1.0000000	9,482		
Company Use	Secondary	187,431	-	187,431		0.9356728	200,317		
Total Non-Class		2,290,822	-	2,290,822			2,304,108		
Total System		41,665,676	30,020	41,695,696		0.942844	44,223,337		

Duke Energy Florida, LLC
Fuel and Purchased Power Cost Recovery Clause
Estimated for the Period of : January 2020 through December 2020

			Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	TOTAL
1	Fuel Cost of System Net Generation		$95,208,052	$86,395,218	$87,571,762	$83,811,579	$102,982,305	$108,663,879	$117,244,609	$117,296,374	$109,660,562	$100,553,338	$86,382,625	$91,825,511	$1,187,595,814
1a	Nuclear Fuel Disposal Cost		0	0	0	0	0	0	0	0	0	0	0	0	0
1b	Adjustments to Fuel Cost		(12,033,183)	1,153,763	1,150,462	1,147,044	1,144,775	1,141,008	1,137,129	1,133,480	1,129,604	1,125,957	1,122,085	1,119,564	471,689
2	Fuel Cost of Power Sold		(968,364)	(383,926)	(150,964)	(167,780)	(436,720)	(435,481)	(628,970)	(802,288)	(337,749)	(263,633)	(169,717)	(435,671)	(5,181,263)
2a	Gains on Power Sales		(256,290)	(101,610)	(39,954)	(44,406)	(115,584)	(115,255)	(166,465)	(212,336)	(89,390)	(69,774)	(44,918)	(115,305)	(1,371,287)
2b	Fuel Cost of Stratified Sales		(4,705,071)	(3,745,252)	(2,144,160)	(3,091,043)	(2,868,019)	(3,236,996)	(3,548,561)	(3,160,893)	(2,579,263)	(2,080,583)	(1,077,352)	(1,628,658)	(33,865,852)
3	Fuel Cost of Purchased Power (Excl Economy)		1,104,453	1,066,887	3,706,922	2,804,334	2,971,297	5,675,595	6,833,935	5,299,790	5,264,298	2,886,897	1,282,745	1,326,170	40,223,323
3a	Energy Payments to Qualifying Facilities		10,321,439	9,611,794	9,464,477	9,623,406	10,104,514	9,810,413	10,233,157	10,251,146	9,613,299	8,465,057	9,877,229	10,565,880	117,941,811
4	Energy Cost of Economy Purchases		232,265	251,357	330,864	329,067	201,399	164,565	184,692	157,157	196,292	184,665	276,466	297,798	2,806,587
5	Total System Fuel & Net Power Transactions		$88,903,301	$94,248,232	$99,889,408	$94,412,201	$113,983,967	$121,667,728	$131,289,525	$129,962,429	$122,857,653	$110,801,924	$97,649,163	$102,955,289	$1,308,620,822
6	Jurisdictional mWh Sold		3,046,934	2,851,309	2,713,732	2,759,453	2,960,871	3,602,477	3,872,304	4,088,899	3,980,798	3,683,169	3,018,516	2,918,116	39,496,577
7	Jurisdictional % of Total Sales		99.52%	99.63%	99.61%	99.60%	99.49%	99.51%	99.54%	99.55%	99.58%	99.59%	99.62%	99.53%	99.56%
8	Jurisdicitonal Fuel & Net Power Transactions		88,476,565	93,899,514	99,499,839	94,034,552	113,402,649	121,071,556	130,685,593	129,377,598	122,341,651	110,347,637	97,278,096	102,471,399	1,302,886,651
9	Jurisdictional Loss Multiplier		1.00034	1.00034	1.00034	1.00034	1.00034	1.00034	1.00034	1.00034	1.00034	1.00034	1.00034	1.00034	1.00034
10	Jurisdictional Fuel & Net Power Transactions		88,506,647	93,931,440	99,533,669	94,066,524	113,441,206	121,112,721	130,730,026	129,421,587	122,383,247	110,385,155	97,311,171	102,506,240	1,303,329,632
11	Adjusted System Sales	mWh	3,061,479	2,861,919	2,724,264	2,770,608	2,976,077	3,620,236	3,890,277	4,107,587	3,997,514	3,698,150	3,030,146	2,932,022	39,670,279
12	System Cost per kWh Sold	c/kWh	2.9039	3.2932	3.6667	3.4076	3.8300	3.3608	3.3748	3.1640	3.0734	2.9961	3.2226	3.5114	3.2987
13	Jurisdictional Loss Multiplier	x	1.00034	1.00034	1.00034	1.00034	1.00034	1.00034	1.00034	1.00034	1.00034	1.00034	1.00034	1.00034	1.00034
14	Jurisdictional Cost per kWh Sold	c/kWh	2.9048	3.2943	3.6678	3.4089	3.8313	3.3619	3.3760	3.1652	3.0743	2.9970	3.2238	3.5128	3.2999
15	Prior Period True-Up	+	0.0396	0.0423	0.0444	0.0437	0.0407	0.0335	0.0311	0.0295	0.0303	0.0327	0.0399	0.0413	0.0366
16	Total Jurisdictional Fuel Expense	c/kWh	2.9443	3.3366	3.7122	3.4526	3.8721	3.3954	3.4071	3.1947	3.1046	3.0297	3.2637	3.5541	3.3365
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	2.9465	3.3390	3.7149	3.4550	3.8748	3.3978	3.4096	3.1970	3.1069	3.0319	3.2661	3.5566	3.3389
19	GPIF	+	0.0071	0.0076	0.0080	0.0078	0.0073	0.0060	0.0056	0.0053	0.0054	0.0059	0.0072	0.0074	0.0066
20	Total Recovery Factor (rounded .001)	c/kWh	2.954	3.347	3.723	3.463	3.882	3.404	3.415	3.202	3.112	3.038	3.273	3.564	3.345

Duke Energy Florida, LLC
Generating System Comparative Data by Fuel Type
Estimated for the Period of : January 2020 through December 2020

			Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Subtotal
	FUEL COST OF SYSTEM NET GENERATION ($)								
1	LIGHT OIL		92,118	108,601	145,750	134,827	192,303	142,056	815,655
2	COAL		5,552,605	3,307,188	6,028,153	4,200,293	10,565,344	13,063,992	42,717,575
3	GAS		89,563,329	82,979,429	81,397,859	79,476,459	92,224,658	95,457,831	521,099,565
4	OTHER		0	0	0	0	0	0	0
5	TOTAL	$	95,208,052	86,395,218	87,571,762	83,811,579	102,982,305	108,663,879	564,632,795
	SYSTEM NET GENERATION (MWH)								
6	LIGHT OIL		31	16	51	39	0	0	136
7	COAL		77,832	7,660	91,123	36,219	226,125	306,760	745,719
8	GAS		2,974,926	2,738,525	2,632,950	2,751,738	3,239,030	3,410,712	17,747,881
9	SOLAR		34,993	38,936	49,366	91,963	98,609	89,105	402,972
10	OTHER		0	0	0	0	0	0	0
11	TOTAL	MWH	3,087,782	2,785,137	2,773,489	2,879,959	3,563,764	3,806,577	18,896,708
	UNITS OF FUEL BURNED								
12	LIGHT OIL	BBL	78	269	698	551	1,211	712	3,519
13	COAL	TON	34,402	3,452	41,015	16,485	104,488	139,134	338,976
14	GAS	MCF	20,877,664	19,239,554	18,750,664	19,762,609	23,442,457	24,860,339	126,933,287
15	OTHER		0	0	0	0	0	0	0
	BTUS BURNED (MMBTU)								
16	LIGHT OIL		453	1,566	4,062	3,202	7,055	4,150	20,488
17	COAL		809,485	81,336	967,618	389,412	2,471,504	3,295,480	8,014,835
18	GAS		20,877,664	19,239,554	18,750,664	19,762,609	23,442,457	24,860,339	126,933,287
19	OTHER		0	0	0	0	0	0	0
20	TOTAL	MMBTU	21,687,602	19,322,456	19,722,344	20,155,223	25,921,016	28,159,969	134,968,610
	GENERATION MIX (% MWH)								
21	LIGHT OIL		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
22	COAL		2.52%	0.28%	3.29%	1.26%	6.35%	8.06%	3.95%
23	GAS		96.35%	98.33%	94.93%	95.55%	90.89%	89.60%	93.92%
24	SOLAR		1.13%	1.40%	1.78%	3.19%	2.77%	2.34%	2.13%
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	1181.00	403.72	208.81	244.70	158.80	199.52	231.79
28	COAL	$/TON	161.40	958.05	146.97	254.79	101.12	93.90	126.02
29	GAS	$/MCF	4.29	4.31	4.34	4.02	3.93	3.84	4.11
30	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FUEL COST PER MMBTU ($/MMBTU)								
31	LIGHT OIL		203.35	69.35	35.88	42.11	27.26	34.23	39.81
32	COAL		6.86	40.66	6.23	10.79	4.28	3.96	5.33
33	GAS		4.29	4.31	4.34	4.02	3.93	3.84	4.11
34	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	TOTAL	$/MMBTU	4.39	4.47	4.44	4.16	3.97	3.86	4.18
	BTU BURNED PER KWH (BTU/KWH)								
36	LIGHT OIL		14,852	97,875	80,277	82,103	0	0	150,536
37	COAL		10,400	10,618	10,619	10,752	10,930	10,743	10,748
38	GAS		7,018	7,026	7,122	7,182	7,237	7,289	7,152
39	OTHER		0	0	0	0	0	0	0
40	TOTAL	BTU/KWH	7,024	6,938	7,111	6,998	7,273	7,398	7,142
	GENERATED FUEL COST PER KWH (C/KWH)								
41	LIGHT OIL		302.03	678.76	288.04	345.71	0.00	0.00	599.31
42	COAL		7.13	43.17	6.62	11.60	4.67	4.26	5.73
43	GAS		3.01	3.03	3.09	2.89	2.85	2.80	2.94
44	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	TOTAL	C/KWH	3.08	3.10	3.16	2.91	2.89	2.85	2.99

Duke Energy Florida, LLC
Generating System Comparative Data by Fuel Type
Estimated for the Period of : January 2020 through December 2020

			Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total
	FUEL COST OF SYSTEM NET GENERATION ($)								
1	LIGHT OIL		193,424	128,183	146,749	229,530	121,878	87,554	1,722,973
2	COAL		16,466,819	14,080,933	12,341,927	15,656,950	10,250,591	3,006,948	114,521,743
3	GAS		100,584,366	103,087,258	97,171,886	84,666,858	76,010,156	88,731,009	1,071,351,098
4	OTHER		0	0	0	0	0	0	0
5	TOTAL	$	117,244,609	117,296,374	109,660,562	100,553,338	86,382,625	91,825,511	1,187,595,814
	SYSTEM NET GENERATION (MWH)								
6	LIGHT OIL		0	10	19	3	7	6	181
7	COAL		413,388	343,481	289,499	389,701	225,047	0	2,406,835
8	GAS		3,595,598	3,631,928	3,426,980	2,853,995	2,439,341	2,957,257	36,652,981
9	SOLAR		87,177	84,489	76,710	75,236	61,202	53,315	841,101
10	OTHER		0	0	0	0	0	0	0
11	TOTAL	MWH	4,096,163	4,059,908	3,793,208	3,318,935	2,725,597	3,010,578	39,901,097
	UNITS OF FUEL BURNED								
12	LIGHT OIL	BBL	1,353	529	757	1,789	450	20	8,417
13	COAL	TON	186,466	154,619	131,014	178,665	102,561	0	1,092,301
14	GAS	MCF	26,177,178	26,814,233	25,175,172	20,882,569	17,511,395	20,662,911	264,156,745
15	OTHER		0	0	0	0	0	0	0
	BTUS BURNED (MMBTU)								
16	LIGHT OIL		7,885	3,081	4,415	10,423	2,620	115	49,027
17	COAL		4,421,050	3,649,019	3,083,981	4,188,503	2,403,629	0	25,761,017
18	GAS		26,177,178	26,814,233	25,175,172	20,882,569	17,511,395	20,662,911	264,156,745
19	OTHER		0	0	0	0	0	0	0
20	TOTAL	MMBTU	30,606,113	30,466,333	28,263,568	25,081,495	19,917,644	20,663,026	289,966,789
	GENERATION MIX (% MWH)								
21	LIGHT OIL		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
22	COAL		10.09%	8.46%	7.63%	11.74%	8.26%	0.00%	6.03%
23	GAS		87.78%	89.46%	90.35%	85.99%	89.50%	98.23%	91.86%
24	SOLAR		2.13%	2.08%	2.02%	2.27%	2.25%	1.77%	2.11%
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	142.96	242.31	193.86	128.30	270.84	4377.70	204.70
28	COAL	$/TON	88.31	91.07	94.20	87.63	99.95	0.00	104.84
29	GAS	$/MCF	3.84	3.84	3.86	4.05	4.34	4.29	4.06
30	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	FUEL COST PER MMBTU ($/MMBTU)								
31	LIGHT OIL		24.53	41.60	33.24	22.02	46.52	761.34	35.14
32	COAL		3.73	3.86	4.00	3.74	4.27	0.00	4.45
33	GAS		3.84	3.84	3.86	4.05	4.34	4.29	4.06
34	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	TOTAL	$/MMBTU	3.83	3.85	3.88	4.01	4.34	4.44	4.10
	BTU BURNED PER KWH (BTU/KWH)								
36	LIGHT OIL		0	308,100	232,368	3,474,333	374,286	19,167	270,718
37	COAL		10,695	10,624	10,653	10,748	10,681	0	10,703
38	GAS		7,280	7,383	7,346	7,317	7,179	6,987	7,207
39	OTHER		0	0	0	0	0	0	0
40	TOTAL	BTU/KWH	7,472	7,504	7,451	7,557	7,308	6,863	7,267
	GENERATED FUEL COST PER KWH (C/KWH)								
41	LIGHT OIL		0.00	1281.83	772.36	7651.00	1741.11	1459.23	951.39
42	COAL		3.98	4.10	4.26	4.02	4.55	0.00	4.76
43	GAS		2.80	2.84	2.84	2.97	3.12	3.00	2.92
44	OTHER		0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	TOTAL	C/KWH	2.86	2.89	2.89	3.03	3.17	3.05	2.98

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Jan-20

	(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	36,410	6.7	85.61	57.8	10,412	COAL	16,111 TONS	23.53	379,088	2,697,210	7.41
2	CRYSTAL RIVER	5	712	41,422	7.8	93.00	55.4	10,391	COAL	18,291 TONS	23.53	430,397	2,855,395	6.89
3	ANCLOTE	1	517	5,930	1.5	97.10	22.9	11,403	GAS	67,623 MCF	1.00	67,623	280,483	4.73
4	ANCLOTE	2	521	1,254	0.3	95.48	34.4	11,262	GAS	14,118 MCF	1.00	14,118	130,506	10.41
5	AVON PARK	1-2	69	0	0.0	93.83	0.0	0	GAS	0 MCF	0.00	0	0	0.00
6	BARTOW	1-4	228	163	0.1	85.40	0.0	14,997	GAS	2,449 MCF	1.00	2,449	11,664	7.14
7	BARTOW CC	1	1279	539,025	56.6	96.77	58.5	7,664	GAS	4,130,941 MCF	1.00	4,130,941	17,404,171	3.23
8	CITRUS CC	1-2	1640	1,223,054	100 2	97.74	103.1	6,501	GAS	7,950,544 MCF	1.00	7,950,544	34,116,066	2.79
9	DEBARY	1-10	785	3,006	0.5	91.78	9.1	13,274	GAS	39,901 MCF	1.00	39,901	183,812	6.11
10	HIGGINS	1-4	129	111	0.1	64.53	28.8	15,566	GAS	1,734 MCF	1.00	1,734	8,994	8.07
11	HINES CC	1-4	2,204	955,805	58.3	96.21	83.9	7,031	GAS	6,720,326 MCF	1.00	6,720,326	28,955,808	3.03
12	INT CITY	1-14	1,186	3,792	0.4	94.22	7.6	12,483	GAS	47,336 MCF	1.00	47,336	212,425	5.60
13	OSPREY CC	1	505	181,745	48.4	96.89	54.9	7,503	GAS	1,363,687 MCF	1.00	1,363,687	5,946,159	3.27
14	SUWANNEE CT	1-3	200	3,236	2.2	86.49	23.1	14,095	GAS	45,616 MCF	1.00	45,616	207,593	6.41
15	TIGER BAY CC	1	225	24,684	14.7	95.81	100.6	7,429	GAS	183,382 MCF	1.00	183,382	744,480	3.02
16	UNIV OF FLA. CC	1	47	33,120	94.7	96.83	97.9	9,360	GAS	310,007 MCF	1.00	310,007	1,361,168	4.11
17	AVON PARK	1-2	69	0	0.0	93.83	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
18	BARTOW	1-4	228	0	0.0	85.40	0.0	0	LIGHT OIL	0 BBLS	0.00	0	178	0.00
19	BAYBORO	1-4	231	0	0.0	88.88	0.0	0	LIGHT OIL	0 BBLS	0.00	0	88	0.00
20	DEBARY	1-10	785	0	0.0	91.78	0.0	0	LIGHT OIL	0 BBLS	0.00	0	654	0.00
21	HIGGINS	1-4	129	0	0.0	64.53	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
22	OTHER		0	0	0.0	0.00	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
23	INT CITY	1-14	1,186	31	0.4	94.22	2.6	14,852	LIGHT OIL	78 BBLS	5.81	453	10,138	33.24
24	SUWANNEE	1-3	200	0	0.0	86.49	0.0	0	LIGHT OIL	0 BBLS		0	0	0.00
25	OTHER & START UP		-	0	-	0.00	0.0	0	LIGHT OIL	0 BBLS	0.00	0	81,060	0.00
26	SOLAR		241	34,993	19.5	0.00	43.1	0	SOLAR	0 N/A		0	0	0.00
27	TOTAL			3,087,782								21,687,602	95,208,052	3.08

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Feb-20

(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	0	0.0	90 02	0.0	0	COAL	0 TONS	0.00	0	1,528,474	0.00
2 CRYSTAL RIVER	5	712	7,660	1.5	94.44	46.8	10,618	COAL	3,452 TONS	23.56	81,336	1,778,714	23.22
3 ANCLOTE	1	517	0	0.0	95.17	0.0	0	GAS	0 MCF	0.00	0	41,095	0.00
4 ANCLOTE	2	521	0	0.0	97 59	0.0	0	GAS	0 MCF	0.00	0	41,095	0.00
5 AVON PARK	1-2	69	10	0.0	94 04	0.0	18,100	GAS	181 MCF	1.00	181	507	5.07
6 BARTOW	1-4	228	169	0.1	86 26	15.1	15,801	GAS	2,664 MCF	1.00	2,664	12,341	7.32
7 BARTOW CC	1	1279	496,929	55.8	97 24	57.4	7,681	GAS	3,816,703 MCF	1.00	3,816,703	16,173,545	3.25
8 CITRUS CC	1-2	1640	1,102,669	96.6	95 52	102.0	6,493	GAS	7,159,778 MCF	1.00	7,159,778	30,865,284	2.80
9 DEBARY	1-10	785	2,942	0.5	91.40	8.7	13,413	GAS	39,455 MCF	1.00	39,455	180,841	6.15
10 HIGGINS	1-4	129	152	0.2	64.79	29.5	15,618	GAS	2,374 MCF	1.00	2,374	12,632	8.31
11 HINES CC	1-4	2,204	904,255	58.9	97 59	81.6	7,058	GAS	6,382,619 MCF	1.00	6,382,619	27,582,483	3.05
12 INT CITY	1-14	1,186	2,890	0.4	92 91	7.6	12,563	GAS	36,304 MCF	1.00	36,304	163,150	5.65
13 OSPREY CC	1	505	157,626	44.8	93.16	55.0	7,542	GAS	1,188,878 MCF	1.00	1,188,878	5,185,281	3.29
14 SUWANNEE CT	1-3	200	3,323	2.4	87 59	23.4	14,024	GAS	46,597 MCF	1.00	46,597	204,204	6.15
15 TIGER BAY CC	1	225	36,318	23.2	95 24	99.0	7,480	GAS	271,673 MCF	1.00	271,673	1,225,761	3.38
16 UNIV OF FLA. CC	1	47	31,243	95.5	97 55	97.9	9,357	GAS	292,328 MCF	1.00	292,328	1,291,210	4.13
17 AVON PARK	1-2	69	0	0.0	94 04	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
18 BARTOW	1-4	228	3	0.1	86 26	0.0	23,000	LIGHT OIL	12 BBLS	5.75	69	1,167	38.90
19 BAYBORO	1-4	231	0	0.0	91 20	0.0	0	LIGHT OIL	0 BBLS	0.00	0	88	0.00
20 DEBARY	1-10	785	4	0.5	91.40	0.0	20,500	LIGHT OIL	14 BBLS	5.86	82	1,836	45.90
21 HIGGINS	1-4	129	0	0.0	64.79	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
22 OTHER		0	0	0.0	0 00	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
23 INT CITY	1-14	1,186	6	0.4	92 91	0.0	17,500	LIGHT OIL	18 BBLS	5.83	105	5,514	91.90
24 SUWANNEE	1-3	200	3	2.4	87 59	0.0	21,667	LIGHT OIL	11 BBLS	5.91	65	948	31.60
25 OTHER & START UP		-	0	-	0 00	0.0	0	LIGHT OIL	214 BBLS	5.82	1,245	99,048	0.00
26 SOLAR		241	38,936	23.2	0 00	50.5	0	SOLAR	0 N/A		0	0	0.00
27 TOTAL			2,785,137								19,322,456	86,395,218	3.10

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Mar-20

	(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	0	0.0	0.00	0.0	0	COAL	0	TONS	0.00	0	1,528,474	0.00
2	CRYSTAL RIVER	5	712	91,123	17.2	91.94	57.9	10,619	COAL	41,015	TONS	23.59	967,618	4,499,679	4.94
3	ANCLOTE	1	517	51,776	13.5	92.90	28.1	11,197	GAS	579,707	MCF	1.00	579,707	1,981,120	3.83
4	ANCLOTE	2	521	3,947	1.0	98.06	25.3	12,047	GAS	47,546	MCF	1.00	47,546	542,155	13.74
5	AVON PARK	1-2	69	12	0.0	92.68	17.4	25,833	GAS	310	MCF	1.00	310	838	6.98
6	BARTOW	1-4	228	217	0.1	84.00	19.1	14,066	GAS	3,058	MCF	1.00	3,058	15,895	7.31
7	BARTOW CC	1	1279	488,727	51.4	92.58	55.5	7,656	GAS	3,741,773	MCF	1.00	3,741,773	15,544,151	3.18
8	CITRUS CC	1-2	1640	1,071,747	87.8	95.65	92.4	6,527	GAS	6,994,867	MCF	1.00	6,994,867	31,164,201	2.91
9	DEBARY	1-10	785	6,539	1.1	92.41	8.2	13,224	GAS	86,475	MCF	1.00	86,475	384,591	5.88
10	HIGGINS	1-4	129	109	0.1	64.71	21.1	16,688	GAS	1,814	MCF	1.00	1,814	6,510	5.99
11	HINES CC	1-4	2,204	929,889	56.7	74.35	73.7	7,108	GAS	6,609,479	MCF	1.00	6,609,479	28,843,208	3.10
12	INT CITY	1-14	1,186	5,304	0.6	79.30	6.0	12,845	GAS	68,125	MCF	1.00	68,125	294,163	5.55
13	OSPREY CC	1	505	53,167	14.2	37.46	67.5	7,666	GAS	407,559	MCF	1.00	407,559	1,676,027	3.15
14	SUWANNEE CT	1-3	200	1,664	1.1	87.15	20.8	14,292	GAS	23,777	MCF	1.00	23,777	96,210	5.78
15	TIGER BAY CC	1	225	0	0.0	100.00	0.0	0	GAS	0	MCF	0.00	0	0	0.00
16	UNIV OF FLA. CC	1	47	19,853	56.8	94.08	93.7	9,378	GAS	186,174	MCF	1.00	186,174	848,790	4.28
17	AVON PARK	1-2	69	0	0.0	92.68	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
18	BARTOW	1-4	228	0	0.0	84.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	178	0.00
19	BAYBORO	1-4	231	3	0.0	91.05	0.0	18,667	LIGHT OIL	10	BBLS	5.60	56	904	30.13
20	DEBARY	1-10	785	0	0.0	92.41	0.0	0	LIGHT OIL	0	BBLS	0.00	0	654	0.00
21	HIGGINS	1-4	129	0	0.0	64.71	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
22	OTHER		0	0	0.0	0.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
23	INT CITY	1-14	1,186	48	0.6	79.30	4.0	14,412	LIGHT OIL	118	BBLS	5.81	686	14,030	29.47
24	SUWANNEE	1-3	200	0	0.0	87.15	0.0	0	LIGHT OIL	0	BBLS		0	0	0.00
25	OTHER & START UP		-	0	-	0.00	0.0	0	LIGHT OIL	570	BBLS	5.82	3,320	129,984	0.00
26	SOLAR		241	49,366	27.5	0.00	54.5	0	SOLAR	0	N/A		0	0	0.00
27	TOTAL			2,773,489									19,722,344	87,571,762	3.16

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Apr-20

(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	0	0.0	0.00	0.0	0	COAL	0	TONS	0.00	0	1,503,474	0.00
2 CRYSTAL RIVER	5	712	36,219	7.1	93.68	52.4	10,752	COAL	16,485	TONS	23.62	389,412	2,696,819	7.45
3 ANCLOTE	1	517	16,952	4.6	53.73	25.2	11,393	GAS	193,131	MCF	1.00	193,131	482,827	2.85
4 ANCLOTE	2	521	0	0.0	54.91	0.0	0	GAS	0	MCF	0.00	0	0	0.00
5 AVON PARK	1-2	69	0	0.0	93.15	0.0	0	GAS	0	MCF	0.00	0	0	0.00
6 BARTOW	1-4	228	175	0.1	84.50	15.6	14,886	GAS	2,611	MCF	1.00	2,611	8,473	4.83
7 BARTOW CC	1	1279	597,582	64.9	95.67	67.8	7,698	GAS	4,600,250	MCF	1.00	4,600,250	18,247,667	3.05
8 CITRUS CC	1-2	1640	1,066,377	90.3	97.17	93.6	6,540	GAS	6,974,383	MCF	1.00	6,974,383	28,708,625	2.69
9 DEBARY	1-10	785	8,529	1.5	91.79	6.7	14,264	GAS	121,659	MCF	1.00	121,659	427,131	5.01
10 HIGGINS	1-4	129	141	0.2	65.97	21.8	15,842	GAS	2,229	MCF	1.00	2,229	10,332	7.34
11 HINES CC	1-4	2,204	851,098	53.6	72.57	78.8	7,205	GAS	6,132,560	MCF	1.00	6,132,560	24,768,040	2.91
12 INT CITY	1-14	1,186	8,030	0.9	85.84	5.3	13,475	GAS	108,204	MCF	1.00	108,204	374,066	4.66
13 OSPREY CC	1	505	121,138	33.3	85.53	86.9	7,778	GAS	942,160	MCF	1.00	942,160	3,670,144	3.03
14 SUWANNEE CT	1-3	200	2,594	1.8	88.03	21.3	14,402	GAS	37,364	MCF	1.00	37,364	139,973	5.40
15 TIGER BAY CC	1	225	51,243	31.6	94.29	86.6	7,545	GAS	386,650	MCF	1.00	386,650	1,533,763	2.99
16 UNIV OF FLA. CC	1	47	27,878	82.4	97.74	93.6	9,377	GAS	261,408	MCF	1.00	261,408	1,105,418	3.97
17 AVON PARK	1-2	69	0	0.0	93.15	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
18 BARTOW	1-4	228	3	0.1	84.50	0.0	22,333	LIGHT OIL	12	BBLS	5.58	67	1,192	39.73
19 BAYBORO	1-4	231	0	0.0	90.68	0.0	0	LIGHT OIL	0	BBLS	0.00	0	88	0.00
20 DEBARY	1-10	785	24	1.5	91.79	3.1	18,750	LIGHT OIL	78	BBLS	5.77	450	7,552	31.47
21 HIGGINS	1-4	129	0	0.0	65.97	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
22 OTHER		0	0	0.0	0.00	0.0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
23 INT CITY	1-14	1,186	9	0.9	85.84	0.0	16,111	LIGHT OIL	25	BBLS	5.80	145	6,213	69.03
24 SUWANNEE	1-3	200	3	1.8	88.03	0.0	16,667	LIGHT OIL	9	BBLS	5.56	50	777	25.90
25 OTHER & START UP		-	0	-	0.00	0.0	0	LIGHT OIL	427	BBLS	5.83	2,490	119,005	0.00
26 SOLAR		316	91,963	40.4	0.00	74.8	0	SOLAR	0	N/A		0	0	0.00
27 TOTAL			2,879,959									20,155,223	83,811,579	2.91

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: May-20

(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	226,125	41 5	84.19	48.7	10,930	COAL	104,488	TONS	23.65	2,471,504	9,061,870	4.01
2 CRYSTAL RIVER	5	712	0	0 0	89.14	0 0	0	COAL	0	TONS	0.00	0	1,503,474	0.00
3 ANCLOTE	1	517	42,202	11 0	42.30	25 0	11,486	GAS	484,731	MCF	1.00	484,731	1,576,130	3.73
4 ANCLOTE	2	521	0	0 0	25.70	0 0	0	GAS	0	MCF	0.00	0	374,482	0.00
5 AVON PARK	1-2	69	0	0 0	93.31	0 0	0	GAS	0	MCF	0.00	0	0	0.00
6 BARTOW	1-4	228	45	0 0	84.42	9 9	14,845	GAS	671	MCF	1.00	671	2,037	4.51
7 BARTOW CC	1	1279	646,959	68 0	97.42	69 8	7,708	GAS	4,986,832	MCF	1.00	4,986,832	19,083,035	2.95
8 CITRUS CC	1-2	1640	1,127,733	92.4	97.42	95 2	6,535	GAS	7,369,175	MCF	1.00	7,369,175	29,111,052	2.58
9 DEBARY	1-10	785	7,829	1 3	68.01	7.6	13,720	GAS	107,410	MCF	1.00	107,410	436,254	5.57
10 HIGGINS	1-4	129	125	0.1	64.54	24.1	15,590	GAS	1,941	MCF	1.00	1,941	9,755	7.84
11 HINES CC	1-4	2,204	1,135,408	69 2	97.20	76.7	7,263	GAS	8,246,505	MCF	1.00	8,246,505	32,646,816	2.88
12 INT CITY	1-14	1,186	7,718	0 9	94.04	5 9	13,173	GAS	101,671	MCF	1.00	101,671	412,554	5.35
13 OSPREY CC	1	505	148,101	39.4	95.59	94 0	7,773	GAS	1,151,143	MCF	1.00	1,151,143	4,557,669	3.08
14 SUWANNEE CT	1-3	200	1,575	1.1	87.99	23 9	13,808	GAS	21,743	MCF	1.00	21,743	91,878	5.83
15 TIGER BAY CC	1	225	89,234	53 3	93.55	87.4	7,509	GAS	670,024	MCF	1.00	670,024	2,703,272	3.03
16 UNIV OF FLA. CC	1	47	32,102	91 8	98.06	93.6	9,364	GAS	300,611	MCF	1.00	300,611	1,219,724	3.80
17 AVON PARK	1-2	69	0	0 0	93.31	0 0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
18 BARTOW	1-4	228	0	0 0	84.42	0 0	0	LIGHT OIL	0	BBLS	0.00	0	178	0.00
19 BAYBORO	1-4	231	0	0 0	89.73	0 0	0	LIGHT OIL	0	BBLS	0.00	0	88	0.00
20 DEBARY	1-10	785	0	0 0	68.01	0 0	0	LIGHT OIL	0	BBLS	0.00	0	654	0.00
21 HIGGINS	1-4	129	0	0 0	64.54	0 0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
22 OTHER		0	0	0 0	0.00	0 0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
23 INT CITY	1-14	1,186	0	0 0	94.04	0 0	0	LIGHT OIL	0	BBLS	0.00	0	4,018	0.00
24 SUWANNEE	1-3	200	0	0 0	87.99	0 0	0	LIGHT OIL	0	BBLS	0.00	0	0	0.00
25 OTHER & START UP		-	0	-	0.00	0.0	0	LIGHT OIL	1,211	BBLS	5.83	7,055	187,365	0.00
26 SOLAR		316	98,609	41 9	0.00	77.4	0	SOLAR	0	N/A		0	0	0.00
27 TOTAL			3,563,764									25,921,016	102,982,305	2.89

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Jun-20

(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	275,912	52.4	94.56	55.1	10,756	COAL	125,296 TONS	23.69	2,967,710	10,560,240	3 83
2 CRYSTAL RIVER	5	712	30,848	6.0	93.72	57.8	10,625	COAL	13,838 TONS	23.69	327,770	2,503,752	8.12
3 ANCLOTE	1	517	93,600	25.1	93.00	27.0	11,277	GAS	1,055,494 MCF	1.00	1,055,494	3,354,667	3 58
4 ANCLOTE	2	521	2,565	0.7	98.00	35.2	11,794	GAS	30,249 MCF	1.00	30,249	772,075	30.10
5 AVON PARK	1-2	69	0	0.0	48.17	0.0	0	GAS	0 MCF	0.00	0	0	0 00
6 BARTOW	1-4	228	107	0.1	85.57	23.5	14,291	GAS	1,532 MCF	1.00	1,532	5,989	5 59
7 BARTOW CC	1	1279	639,417	69.4	94.67	73.3	7,711	GAS	4,930,677 MCF	1.00	4,930,677	18,476,819	2 89
8 CITRUS CC	1-2	1640	1,122,478	95.1	98.00	97.2	6,524	GAS	7,323,115 MCF	1.00	7,323,115	28,254,279	2 52
9 DEBARY	1-10	785	10,744	1.9	81.83	9.6	12,948	GAS	139,111 MCF	1.00	139,111	511,096	4.76
10 HIGGINS	1-4	129	0	0.0	0.00	0.0	0	GAS	0 MCF	0.00	0	0	0 00
11 HINES CC	1-4	2,204	1,208,674	76.2	96.34	80.0	7,216	GAS	8,721,604 MCF	1.00	8,721,604	33,727,282	2.79
12 INT CITY	1-14	1,186	10,549	1.2	94.27	6.4	12,873	GAS	135,797 MCF	1.00	135,797	499,963	4.74
13 OSPREY CC	1	505	180,752	49.7	95.95	89.9	7,677	GAS	1,387,614 MCF	1.00	1,387,614	5,368,261	2 97
14 SUWANNEE CT	1-3	200	2,800	1.9	88.11	25.0	13,591	GAS	38,049 MCF	1.00	38,049	147,325	5 26
15 TIGER BAY CC	1	225	108,192	66.8	95.33	88.6	7,471	GAS	808,279 MCF	1.00	808,279	3,195,112	2 95
16 UNIV OF FLA. CC	1	47	30,835	91.1	97.30	93.6	9,367	GAS	288,818 MCF	1.00	288,818	1,144,963	3.71
17 AVON PARK	1-2	69	0	0.0	48.17	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0 00
18 BARTOW	1-4	228	0	0.0	85.57	0.0	0	LIGHT OIL	0 BBLS	0.00	0	178	0 00
19 BAYBORO	1-4	231	0	0.0	68.59	0.0	0	LIGHT OIL	0 BBLS	0.00	0	88	0 00
20 DEBARY	1-10	785	0	0.0	81.83	0.0	0	LIGHT OIL	0 BBLS	0.00	0	654	0 00
21 HIGGINS	1-4	129	0	0.0	0.00	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0 00
22 OTHER		0	0	0.0	0.00	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0 00
23 INT CITY	1-14	1,186	0	0.0	94.27	0.0	0	LIGHT OIL	0 BBLS	0.00	0	4,018	0 00
24 SUWANNEE	1-3	200	0	0.0	88.11	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0 00
25 OTHER & START UP		-	0	-	0.00	0.0	0	LIGHT OIL	712 BBLS	5.83	4,150	137,118	0.00
26 SOLAR		316	89,105	39.2	0.00	70.8	0	SOLAR	0 N/A		0	0	0 00
27 TOTAL			3,806,577								28,159,969	108,663,879	2 85

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Jul-20

	(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	288,370	53.0	93.73	56 2	10,727	COAL	130,465 TONS	23.71	3,093,287	10,920,975	3.79
2	CRYSTAL RIVER	5	712	125,018	23.6	93 85	57 8	10,621	COAL	56,001 TONS	23.71	1,327,763	5,545,844	4.44
3	ANCLOTE	1	517	92,203	24.0	89 35	26 8	11,307	GAS	1,042,572 MCF	1.00	1,042,572	3,372,695	3.66
4	ANCLOTE	2	521	1,388	0.4	98 06	24 2	13,344	GAS	18,520 MCF	1.00	18,520	747,028	53.82
5	AVON PARK	1-2	69	0	0.0	49 03	0 0	0	GAS	0 MCF	0.00	0	0	0.00
6	BARTOW	1-4	228	35	0.0	84 58	15 3	14,253	GAS	496 MCF	1.00	496	2,247	6.46
7	BARTOW CC	1	1279	693,364	72.9	97.42	74 9	7,708	GAS	5,344,271 MCF	1.00	5,344,271	20,047,313	2.89
8	CITRUS CC	1-2	1640	1,152,174	94.4	96 94	98.1	6,524	GAS	7,516,878 MCF	1.00	7,516,878	29,035,977	2.52
9	DEBARY	1-10	785	11,239	1.9	82 95	9 3	13,032	GAS	146,472 MCF	1.00	146,472	559,304	4.98
10	HIGGINS	1-4	129	0	0.0	0 00	0 0	0	GAS	0 MCF	0.00	0	0	0.00
11	HINES CC	1-4	2,204	1,284,960	78.4	96 94	81.7	7,195	GAS	9,245,511 MCF	1.00	9,245,511	35,710,020	2.78
12	NT CITY	1-14	1,186	11,014	1.2	94 80	6.4	12,915	GAS	142,239 MCF	1.00	142,239	536,575	4.87
13	OSPREY CC	1	505	189,107	50.3	94.14	88.1	7,662	GAS	1,448,929 MCF	1.00	1,448,929	5,648,039	2.99
14	SUWANNEE CT	1-3	200	3,227	2.2	86 64	24 8	13,578	GAS	43,821 MCF	1.00	43,821	170,586	5.29
15	TIGER BAY CC	1	225	125,418	74.9	95.16	88 8	7,436	GAS	932,592 MCF	1.00	932,592	3,584,821	2.86
16	UNIV OF FLA. CC	1	47	31,469	90.0	96.15	93 6	9,370	GAS	294,877 MCF	1.00	294,877	1,169,761	3.72
17	AVON PARK	1-2	69	0	0.0	49 03	0 0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
18	BARTOW	1-4	228	0	0.0	84 58	0 0	0	LIGHT OIL	0 BBLS	0.00	0	178	0.00
19	BAYBORO	1-4	231	0	0.0	69.42	0 0	0	LIGHT OIL	0 BBLS	0.00	0	88	0.00
20	DEBARY	1-10	785	0	0.0	82 95	0 0	0	LIGHT OIL	0 BBLS	0.00	0	654	0.00
21	HIGGINS	1-4	129	0	0.0	0 00	0 0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
22	OTHER		0	0	0.0	0 00	0 0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
23	NT CITY	1-14	1,186	0	0.0	94 80	0 0	0	LIGHT OIL	0 BBLS	0.00	0	4,018	0.00
24	SUWANNEE	1-3	200	0	0.0	86 64	0 0	0	LIGHT OIL	0 BBLS		0	0	0.00
25	OTHER & START UP		-	0	-	0 00	0 0	0	LIGHT OIL	1,353 BBLS	5.83	7,885	188,486	0.00
26	SOLAR		316	87,177	37.1	0 00	67 3	0	SOLAR	0 N/A		0	0	0.00
27	TOTAL			4,096,163								30,606,113	117,244,609	2.86

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Aug-20

	(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	46,507	8.5	92.83	58 8	10,664	COAL	21,014 TONS	23 60	495,939	3,008,542	6.47
2	CRYSTAL RIVER	5	712	296,974	56.1	95.33	58 5	10,617	COAL	133,605 TONS	23 60	3,153,080	11,072,391	3.73
3	ANCLOTE	1	517	73,167	19.0	95.16	30 6	11,110	GAS	812,855 MCF	1 00	812,855	3,496,897	4.78
4	ANCLOTE	2	521	101,122	26.1	98.06	26 6	12,159	GAS	1,229,524 MCF	1 00	1,229,524	4,571,902	4.52
5	AVON PARK	1-2	69	0	0.0	48.07	0 0	0	GAS	0 MCF	0 00	0	0	0.00
6	BARTOW	1-4	228	9	0.0	85.39	0 0	14,444	GAS	130 MCF	1 00	130	824	9.16
7	BARTOW CC	1	1279	685,694	72.1	96.77	74 5	7,706	GAS	5,283,917 MCF	1 00	5,283,917	19,786,432	2.89
8	CITRUS CC	1-2	1640	1,106,343	90.7	93.71	98.1	6,530	GAS	7,224,266 MCF	1 00	7,224,266	27,845,655	2.52
9	DEBARY	1-10	785	7,556	1.3	81.69	10 0	12,815	GAS	96,827 MCF	1 00	96,827	381,855	5.05
10	HIGGINS	1-4	129	0	0.0	0.00	0 0	0	GAS	0 MCF	0 00	0	0	0.00
11	HINES CC	1-4	2,204	1,306,563	79.7	97.74	81 9	7,193	GAS	9,398,295 MCF	1 00	9,398,295	36,229,221	2.77
12	INT CITY	1-14	1,186	6,147	0.7	93.47	6 6	12,828	GAS	78,852 MCF	1 00	78,852	315,732	5.14
13	OSPREY CC	1	505	190,268	50.6	94.07	88 0	7,660	GAS	1,457,399 MCF	1 00	1,457,399	5,650,224	2.97
14	SUWANNEE CT	1-3	200	2,545	1.7	86.33	24 9	13,563	GAS	34,513 MCF	1 00	34,513	138,000	5.42
15	TIGER BAY CC	1	225	120,730	72.1	95.16	88 8	7,454	GAS	899,943 MCF	1 00	899,943	3,492,297	2.89
16	UNIV OF FLA. CC	1	47	31,786	90.9	97.09	93.7	9,366	GAS	297,712 MCF	1 00	297,712	1,178,219	3.71
17	AVON PARK	1-2	69	0	0.0	48.07	0 0	0	LIGHT OIL	0 BBLS	0 00	0	0	0.00
18	BARTOW	1-4	228	0	0.0	85.39	0 0	0	LIGHT OIL	0 BBLS	0 00	0	178	0.00
19	BAYBORO	1-4	231	0	0.0	69.13	0 0	0	LIGHT OIL	0 BBLS	0 00	0	88	0.00
20	DEBARY	1-10	785	4	1.3	81.69	0 0	19,500	LIGHT OIL	13 BBLS	6 00	78	1,723	43.08
21	HIGGINS	1-4	129	0	0.0	0.00	0 0	0	LIGHT OIL	0 BBLS	0 00	0	0	0.00
22	OTHER		0	0	0.0	0.00	0 0	0	LIGHT OIL	0 BBLS	0 00	0	0	0.00
23	INT CITY	1-14	1,186	3	0.7	93.47	0 0	16,000	LIGHT OIL	8 BBLS	6 00	48	4,671	155.70
24	SUWANNEE	1-3	200	3	1.7	86.33	0 0	16,667	LIGHT OIL	9 BBLS	5 56	50	699	23.30
25	OTHER & START UP		-	0	-	0.00	0 0	0	LIGHT OIL	499 BBLS	5 82	2,905	120,824	0.00
26	SOLAR		316	84,489	35.9	0.00	66 3	0	SOLAR	0 N/A		0	0	0.00
27	TOTAL			4,059,908								30,466,333	117,296,374	2.89

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Sep-20

(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	13,810	2 6	94.64	65.1	10,535	COAL	6,181 TONS	23.54	145,493	1,943,872	14 08
2 CRYSTAL RIVER	5	712	275,689	53 8	94.63	56.6	10,659	COAL	124,833 TONS	23.54	2,938,488	10,398,055	3.77
3 ANCLOTE	1	517	43,042	11 6	94.00	32.4	11,057	GAS	475,904 MCF	1.00	475,904	2,470,297	5.74
4 ANCLOTE	2	521	94,769	25 3	98.00	25.8	12,199	GAS	1,156,111 MCF	1.00	1,156,111	4,209,586	4.44
5 AVON PARK	1-2	69	0	0 0	49.00	0.0	0	GAS	0 MCF	0.00	0	0	0 00
6 BARTOW	1-4	228	120	0.1	86.69	26.4	14,037	GAS	1,690 MCF	1.00	1,690	5,767	4.79
7 BARTOW CC	1	1279	626,633	68 0	93.33	72.9	7,710	GAS	4,831,290 MCF	1.00	4,831,290	18,143,774	2 90
8 CITRUS CC	1-2	1640	1,101,690	93 3	96.17	97.6	6,527	GAS	7,190,395 MCF	1.00	7,190,395	27,797,411	2 52
9 DEBARY	1-10	785	8,004	1.4	82.85	10.0	12,815	GAS	102,566 MCF	1.00	102,566	377,266	4.71
10 HIGGINS	1-4	129	0	0 0	0.00	0.0	0	GAS	0 MCF	0.00	0	0	0 00
11 HINES CC	1-4	2,204	1,238,352	78 0	97.25	80.9	7,203	GAS	8,920,211 MCF	1.00	8,920,211	34,511,410	2.79
12 NT CITY	1-14	1,186	7,469	0 9	94.43	6.6	12,816	GAS	95,725 MCF	1.00	95,725	348,826	4 67
13 OSPREY CC	1	505	176,312	48 5	96.65	90.0	7,667	GAS	1,351,773 MCF	1.00	1,351,773	5,240,456	2 97
14 SUWANNEE CT	1-3	200	2,413	1.7	86.83	24.6	13,573	GAS	32,754 MCF	1.00	32,754	123,004	5.10
15 TIGER BAY CC	1	225	97,552	60 2	93.33	88.8	7,481	GAS	729,814 MCF	1.00	729,814	2,805,887	2 88
16 UNIV OF FLA. CC	1	47	30,624	90 5	96.69	93.6	9,370	GAS	286,939 MCF	1.00	286,939	1,138,202	3.72
17 AVON PARK	1-2	69	0	0 0	49.00	0.0	0	LIGHT O L	0 BBLS	0.00	0	0	0 00
18 BARTOW	1-4	228	0	0 0	86.69	0.0	0	LIGHT O L	0 BBLS	0.00	0	178	0 00
19 BAYBORO	1-4	231	0	0 0	68.93	0.0	0	LIGHT O L	0 BBLS	0.00	0	88	0 00
20 DEBARY	1-10	785	0	0 0	82.85	0.0	0	LIGHT O L	0 BBLS	0.00	0	654	0 00
21 HIGGINS	1-4	129	0	0 0	0.00	0.0	0	LIGHT O L	0 BBLS	0.00	0	0	0 00
22 OTHER		0	0	0 0	0.00	0.0	0	LIGHT O L	0 BBLS	0.00	0	0	0 00
23 NT CITY	1-14	1,186	14	0 9	94.43	0.0	14,214	LIGHT O L	34 BBLS	5.85	199	6,728	48 06
24 SUWANNEE	1-3	200	5	1.7	86.83	0.0	13,200	LIGHT O L	11 BBLS	6.00	66	921	18.42
25 OTHER & START UP		-	0	-	0.00	0.0	0	LIGHT O L	712 BBLS	5.83	4,150	138,180	0 00
26 SOLAR		316	76,710	33.7	0.00	63.7	0	SOLAR	0 N/A		0	0	0 00
27 TOTAL			3,793,208								28,263,568	109,660,562	2 89

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Oct-20

(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	224,873	41 3	90.46	52.1	10,823	COAL	103,820 TONS	23.44	2,433,893	8,854,251	3.94
2 CRYSTAL RIVER	5	712	164,828	31.1	94.23	56.5	10,645	COAL	74,845 TONS	23.44	1,754,610	6,802,699	4.13
3 ANCLOTE	1	517	12,107	3.1	97.10	30.0	11,228	GAS	135,937 MCF	1 00	135,937	984,600	8.13
4 ANCLOTE	2	521	50,637	13.1	98.06	24.3	12,339	GAS	624,795 MCF	1 00	624,795	2,240,965	4.43
5 AVON PARK	1-2	69	0	0.0	48.39	0 0	0	GAS	0 MCF	0 00	0	0	0.00
6 BARTOW	1-4	228	0	0.0	87.04	0 0	0	GAS	0 MCF	0 00	0	0	0.00
7 BARTOW CC	1	1279	677,553	71 2	96.77	73.6	7,703	GAS	5,219,520 MCF	1 00	5,219,520	20,413,167	3.01
8 CITRUS CC	1-2	1640	716,754	58.7	60.18	97.6	6,533	GAS	4,682,444 MCF	1 00	4,682,444	19,086,342	2.66
9 DEBARY	1-10	785	3,440	0.6	82.29	8.4	13,435	GAS	46,210 MCF	1 00	46,210	192,728	5.60
10 HIGGINS	1-4	129	0	0.0	0.00	0 0	0	GAS	0 MCF	0 00	0	0	0.00
11 HINES CC	1-4	2,204	1,086,446	66 3	84.83	83.0	7,207	GAS	7,829,476 MCF	1 00	7,829,476	32,042,641	2.95
12 INT CITY	1-14	1,186	2,323	0.3	80.41	5.4	13,376	GAS	31,072 MCF	1 00	31,072	131,370	5.66
13 OSPREY CC	1	505	192,159	51.1	96.03	77.3	7,612	GAS	1,462,643 MCF	1 00	1,462,643	6,097,519	3.17
14 SUWANNEE CT	1-3	200	916	0.6	92.70	22.9	14,090	GAS	12,905 MCF	1 00	12,905	53,305	5.82
15 TIGER BAY CC	1	225	109,549	65.4	94.52	88 5	7,465	GAS	817,803 MCF	1 00	817,803	3,341,598	3.05
16 UNIV OF FLA. CC	1	47	2,112	6.0	99.18	93 6	9,358	GAS	19,764 MCF	1 00	19,764	82,623	3.91
17 AVON PARK	1-2	69	0	0.0	48.39	0 0	0	LIGHT OIL	0 BBLS	0 00	0	0	0.00
18 BARTOW	1-4	228	0	0.0	87.04	0 0	0	LIGHT OIL	0 BBLS	0 00	0	178	0.00
19 BAYBORO	1-4	231	0	0.0	69.85	0 0	0	LIGHT OIL	0 BBLS	0 00	0	88	0.00
20 DEBARY	1-10	785	0	0.0	82.29	0 0	0	LIGHT OIL	0 BBLS	0 00	0	654	0.00
21 HIGGINS	1-4	129	0	0.0	0.00	0 0	0	LIGHT OIL	0 BBLS	0 00	0	0	0.00
22 OTHER		0	0	0.0	0.00	0 0	0	LIGHT OIL	0 BBLS	0 00	0	0	0.00
23 INT CITY	1-14	1,186	3	0.3	80.41	0 0	16,000	LIGHT OIL	8 BBLS	6 00	48	4,675	155.83
24 SUWANNEE	1-3	200	0	0.0	92.70	0 0	0	LIGHT OIL	0 BBLS	0 00	0	0	0.00
25 OTHER & START UP		-	0	-	0.00	0 0	0	LIGHT OIL	1,781 BBLS	5 83	10,375	223,935	0.00
26 SOLAR		316	75,236	32 0	0.00	67.6	0	SOLAR	0 N/A		0	0	0.00
27 TOTAL			3,318,935								25,081,495	100,553,338	3.03

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Nov-20

	(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	24,675	4.7	88.32	56.2	10,430	COAL	10,982 TONS	23.44	257,371	2,279,095	9.24
2	CRYSTAL RIVER	5	712	200,372	39.1	92.76	53.3	10,711	COAL	91,579 TONS	23.44	2,146,258	7,971,496	3.98
3	ANCLOTE	1	517	18,145	4 9	96.67	23.1	11,556	GAS	209,693 MCF	1.00	209,693	797,655	4.40
4	ANCLOTE	2	521	0	0 0	98.00	0.0	0	GAS	0 MCF	0.00	0	246,163	0.00
5	AVON PARK	1-2	69	0	0 0	49.17	0.0	0	GAS	0 MCF	0.00	0	0	0.00
6	BARTOW	1-4	228	6	0 0	85.91	0.0	24,000	GAS	144 MCF	1.00	144	616	10.27
7	BARTOW CC	1	1279	606,989	65 9	95.33	69.2	7,666	GAS	4,653,024 MCF	1.00	4,653,024	19,396,487	3.20
8	CITRUS CC	1-2	1640	682,743	57 8	58.52	96.8	6,505	GAS	4,441,385 MCF	1.00	4,441,385	19,323,281	2.83
9	DEBARY	1-10	785	2,683	0 5	83.04	7.0	13,884	GAS	37,246 MCF	1.00	37,246	164,618	6.14
10	HIGGINS	1-4	129	0	0 0	0.00	0.0	0	GAS	0 MCF	0.00	0	0	0.00
11	HINES CC	1-4	2,204	926,603	58.4	72.50	82.8	7,132	GAS	6,608,868 MCF	1.00	6,608,868	28,821,031	3.11
12	INT CITY	1-14	1,186	1,905	0 2	91.14	5.5	13,192	GAS	25,132 MCF	1.00	25,132	113,743	5.97
13	OSPREY CC	1	505	145,663	40.1	96.21	68.4	7,558	GAS	1,100,980 MCF	1.00	1,100,980	5,180,601	3.56
14	SUWANNEE CT	1-3	200	814	0 6	89.93	19.4	14,532	GAS	11,822 MCF	1.00	11,822	50,602	6.22
15	TIGER BAY CC	1	225	46,821	28 9	95.33	87.4	7,634	GAS	357,424 MCF	1.00	357,424	1,622,495	3.47
16	UNIV OF FLA. CC	1	47	6,970	20 6	94.41	93.9	9,423	GAS	65,677 MCF	1.00	65,677	292,864	4.20
17	AVON PARK	1-2	69	0	0 0	49.17	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
18	BARTOW	1-4	228	0	0 0	85.91	0.0	0	LIGHT OIL	0 BBLS	0.00	0	178	0.00
19	BAYBORO	1-4	231	0	0 0	69.48	0.0	0	LIGHT OIL	0 BBLS	0.00	0	88	0.00
20	DEBARY	1-10	785	4	0 5	83.04	0.0	20,000	LIGHT O L	14 BBLS	5.71	80	1,750	43.75
21	HIGGINS	1-4	129	0	0 0	0.00	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
22	OTHER		0	0	0 0	0.00	0.0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
23	INT CITY	1-14	1,186	3	0 2	91.14	0.0	16,667	LIGHT OIL	9 BBLS	5.56	50	4,699	156.63
24	SUWANNEE	1-3	200	0	0 0	89.93	0.0	0	LIGHT O L	0 BBLS	0.00	0	0	0.00
25	OTHER & START UP		-	0	-	0.00	0.0	0	LIGHT OIL	427 BBLS	5.83	2,490	115,163	0.00
26	SOLAR		316	61,202	26 9	0.00	59.2	0	SOLAR	0 N/A		0	0	0.00
27	TOTAL			2,725,597								19,917,644	86,382,625	3.17

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Dec-20

(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	0	0.0	95.75	0 0	0	COAL	0 TONS	0.00	0	1,503,474	0.00
2 CRYSTAL RIVER	5	712	0	0.0	96.67	0 0	0	COAL	0 TONS	0.00	0	1,503,474	0.00
3 ANCLOTE	1	517	0	0.0	93.55	0 0	0	GAS	0 MCF	0.00	0	663	0.00
4 ANCLOTE	2	521	0	0.0	99.03	0 0	0	GAS	0 MCF	0.00	0	663	0.00
5 AVON PARK	1-2	69	0	0.0	47.74	0 0	0	GAS	0 MCF	0.00	0	0	0.00
6 BARTOW	1-4	228	0	0.0	86.49	0 0	0	GAS	0 MCF	0.00	0	694	0.00
7 BARTOW CC	1	1279	553,199	58.1	92.90	62 5	7,693	GAS	4,255,552 MCF	1.00	4,255,552	17,697,905	3.20
8 CITRUS CC	1-2	1640	1,222,285	100.2	98.23	102 3	6,488	GAS	7,930,271 MCF	1.00	7,930,271	34,121,782	2.79
9 DEBARY	1-10	785	1,999	0.3	82.77	7.1	14,351	GAS	28,681 MCF	1.00	28,681	155,623	7.79
10 HIGG NS	1-4	129	0	0.0	0.00	0 0	0	GAS	0 MCF	0.00	0	0	0.00
11 H NES CC	1-4	2,204	1,062,208	64.8	94.17	86.1	7,026	GAS	7,462,664 MCF	1.00	7,462,664	32,248,215	3.04
12 INT CITY	1-14	1,186	848	0.1	94.68	5 5	13,287	GAS	11,273 MCF	1.00	11,273	49,968	5.89
13 OSPREY CC	1	505	43,408	11.6	95.86	79 6	7,782	GAS	337,800 MCF	1.00	337,800	1,725,159	3.97
14 SUWANNEE CT	1-3	200	4,005	2.7	89.60	22 0	14,333	GAS	57,401 MCF	1.00	57,401	282,351	7.05
15 TIGER BAY CC	1	225	36,406	21.7	95.16	99 9	7,451	GAS	271,261 MCF	1.00	271,261	1,091,056	3.00
16 UNIV OF FLA. CC	1	47	32,899	94.1	96.13	97 9	9,362	GAS	308,008 MCF	1.00	308,008	1,356,930	4.12
17 AVON PARK	1-2	69	0	0.0	47.74	0 0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
18 BARTOW	1-4	228	0	0.0	86.49	0 0	0	LIGHT OIL	0 BBLS	0.00	0	178	0.00
19 BAYBORO	1-4	231	3	0.0	67.95	0 0	19,667	LIGHT OIL	10 BBLS	5.90	59	884	29.47
20 DEBARY	1-10	785	0	0.0	82.77	0 0	0	LIGHT OIL	0 BBLS	0.00	0	654	0.00
21 HIGG NS	1-4	129	0	0.0	0.00	0 0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
22 OTHER		0	0	0.0	0.00	0 0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
23 INT CITY	1-14	1,186	3	0.1	94.68	0 0	18,667	LIGHT OIL	10 BBLS	5.60	56	4,778	159.27
24 SUWANNEE	1-3	200	0	0.0	89.60	0 0	0	LIGHT OIL	0 BBLS	0.00	0	0	0.00
25 OTHER & START UP		-	0	-	0.00	0 0	0	LIGHT OIL	0 BBLS	0.00	0	81,060	0.00
26 SOLAR		316	53,315	22.7	0.00	50.1	0	SOLAR	0 N/A		0	0	0.00
27 TOTAL			3,010,578								20,663,026	91,825,511	3.05

Duke Energy Florida, LLC
Inventory Analysis
Estimated for the Period of : January 2020 through December 2020

			Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Subtotal
	LIGHT OIL								
1	PURCHASES:								
2	UNITS	BBL	78	269	698	551	1,211	712	3,519
3	UNIT COST	$/BBL	1181.00	403.72	208.81	244.70	158.80	199.52	231.79
4	AMOUNT	$	92,118	108,601	145,750	134,827	192,303	142,056	815,655
5	BURNED:								
6	UNITS	BBL	78	269	698	551	1,211	712	3,519
7	UNIT COST	$/BBL	1181.00	403.72	208.81	244.70	158.80	199.52	231.79
8	AMOUNT	$	92,118	108,601	145,750	134,827	192,303	142,056	815,655
9	ENDING INVENTORY:								
10	UNITS	BBL	659,427	659,427	659,427	659,427	659,427	659,427	
11	UNIT COST	$/BBL	108.99	108.99	108.99	108.99	108.99	108.99	
12	AMOUNT	$	71,867,960	71,867,960	71,867,960	71,867,960	71,867,960	71,867,960	
	COAL								
13	PURCHASES:								
14	UNITS	TON	34,402	3,452	41,015	16,485	104,488	139,134	338,976
15	UNIT COST	$/TON	161.40	958.05	146.97	254.79	101.12	93.90	126.02
16	AMOUNT	$	5,552,605	3,307,188	6,028,153	4,200,293	10,565,344	13,063,992	42,717,575
17	BURNED:								
18	UNITS	TON	34,402	3,452	41,015	16,485	104,488	139,134	338,976
19	UNIT COST	$/TON	161.40	958.05	146.97	254.79	101.12	93.90	126.02
20	AMOUNT	$	5,552,605	3,307,188	6,028,153	4,200,293	10,565,344	13,063,992	42,717,575
21	ENDING INVENTORY:								
22	UNITS	TON	417,395	417,395	417,395	417,395	417,395	417,395	
23	UNIT COST	$/TON	86.34	86.34	86.34	86.34	86.34	86.34	
24	AMOUNT	$	36,037,880	36,037,880	36,037,880	36,037,880	36,037,880	36,037,880	
	GAS								
25	BURNED:								
26	UNITS	MCF	20,877,664	19,239,554	18,750,664	19,762,609	23,442,457	24,860,339	126,933,287
27	UNIT COST	$/MCF	4.29	4.31	4.34	4.02	3.93	3.84	4.11
28	AMOUNT	$	89,563,329	82,979,429	81,397,859	79,476,459	92,224,658	95,457,831	521,099,565

Duke Energy Florida, LLC
Inventory Analysis
Estimated for the Period of : January 2020 through December 2020

			Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total
	LIGHT OIL								
1	PURCHASES:								
2	UNITS	BBL	1,353	529	757	1,789	450	20	8,417
3	UNIT COST	$/BBL	142.96	242.31	193.86	128.30	270.84	4377.70	204.70
4	AMOUNT	$	193,424	128,183	146,749	229,530	121,878	87,554	1,722,973
5	BURNED:								
6	UNITS	BBL	1,353	529	757	1,789	450	20	8,417
7	UNIT COST	$/BBL	142.96	242.31	193.86	128.30	270.84	4377.70	204.70
8	AMOUNT	$	193,424	128,183	146,749	229,530	121,878	87,554	1,722,973
9	ENDING INVENTORY:								
10	UNITS	BBL	659,427	659,427	659,427	659,427	659,427	659,427	
11	UNIT COST	$/BBL	108.99	108.99	108.99	108.99	108.99	108.99	
12	AMOUNT	$	71,867,960	71,867,960	71,867,960	71,867,960	71,867,960	71,867,960	
	COAL								
13	PURCHASES:								
14	UNITS	TON	186,466	154,619	131,014	178,665	102,561	0	1,092,301
15	UNIT COST	$/TON	88.31	91.07	94.20	87.63	99.95	0.00	104.84
16	AMOUNT	$	16,466,819	14,080,933	12,341,927	15,656,950	10,250,591	3,006,948	114,521,743
17	BURNED:								
18	UNITS	TON	186,466	154,619	131,014	178,665	102,561	0	1,092,301
19	UNIT COST	$/TON	88.31	91.07	94.20	87.63	99.95	0.00	104.84
20	AMOUNT	$	16,466,819	14,080,933	12,341,927	15,656,950	10,250,591	3,006,948	114,521,743
21	ENDING INVENTORY:								
22	UNITS	TON	417,395	417,395	417,395	417,395	417,395	417,395	
23	UNIT COST	$/TON	86.34	86.34	86.34	86.34	86.34	86.34	
24	AMOUNT	$	36,037,880	36,037,880	36,037,880	36,037,880	36,037,880	36,037,880	
	GAS								
25	BURNED:								
26	UNITS	MCF	26,177,178	26,814,233	25,175,172	20,882,569	17,511,395	20,662,911	264,156,745
27	UNIT COST	$/MCF	3.84	3.84	3.86	4.05	4.34	4.29	4.06
28	AMOUNT	$	100,584,366	103,087,258	97,171,886	84,666,858	76,010,156	88,731,009	1,071,351,098

Duke Energy Florida, LLC
Fuel Cost of Power Sold
Estimated for the Period of : January 2020 through December 2020

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
				MWH		C/KWH				REFUNDABLE
MONTH	SOLD TO	TYPE & SCHED	TOTAL MWH SOLD	WHEELED FROM OTHER SYSTEMS	MWH FROM OWN GENERATION	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJ (6) x (7)(A)	TOTAL COST $ (6) x (7)(B)	GAIN ON POWER SALES $
Jan-20	ECONSALE	--	26,172		26,172	3.700	4.679	968,364	1,224,654	256,290
	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	--	178,942		178,942	2.629	2.629	4,705,071	4,705,071	0
	TOTAL		205,114		205,114	2.766	2.891	5,673,435	5,929,725	256,290
Feb-20	ECONSALE	--	13,104		13,104	2.930	3.705	383,926	485,536	101,610
	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	--	140,498		140,498	2.666	2.666	3,745,252	3,745,252	0
	TOTAL		153,602		153,602	2.688	2.754	4,129,178	4,230,788	101,610
Mar-20	ECONSALE	--	6,029		6,029	2.504	3.167	150,964	190,918	39,954
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	100,365		100,365	2.136	2.136	2,144,160	2,144,160	0
	TOTAL		106,394		106,394	2.157	2.195	2,295,124	2,335,078	39,954
Apr-20	ECONSALE	--	5,703		5,703	2.942	3.721	167,780	212,186	44,406
	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	--	119,025		119,025	2.597	2.597	3,091,043	3,091,043	0
	TOTAL		124,728		124,728	2.613	2.648	3,258,823	3,303,229	44,406
May-20	ECONSALE	--	12,939		12,939	3.375	4.269	436,720	552,304	115,584
	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	--	136,095		136,095	2.107	2.107	2,868,019	2,868,019	0
	TOTAL		149,033		149,033	2.217	2.295	3,304,739	3,420,323	115,584
Jun-20	ECONSALE	--	11,893		11,893	3.662	4.631	435,481	550,736	115,255
	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	--	145,446		145,446	2.226	2.226	3,236,996	3,236,996	0
	TOTAL		157,338		157,338	2.334	2.407	3,672,477	3,787,732	115,255
Jan	ECONSALE	--	75,838		75,838	3.353	4.241	2,543,235	3,216,334	673,099
THRU	ECONOMY	C	0		0	0.000	0.000	0	0	0
Jun-20	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	820,371		820,371	2412.390	2412.390	19,790,541	19,790,541	0
	TOTAL		896,209		896,209	2.492	2.567	22,333,776	23,006,875	673,099

Duke Energy Florida, LLC
Fuel Cost of Power Sold
Estimated for the Period of : January 2020 through December 2020

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
				MWH		C/KWH				REFUNDABLE
MONTH	SOLD TO	TYPE & SCHED	TOTAL MWH SOLD	WHEELED FROM OTHER SYSTEMS	MWH FROM OWN GENERATION	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJ (6) x (7)(A)	TOTAL COST $ (6) x (7)(B)	GAIN ON POWER SALES $
Jul-20	ECONSALE	--	18,172		18,172	3.461	4.377	628,970	795,435	166,465
	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	--	157,273		157,273	2.256	2.256	3,548,561	3,548,561	0
	TOTAL		175,445		175,445	2.381	2.476	4,177,531	4,343,996	166,465
Aug-20	ECONSALE	--	19,017		19,017	4.219	5.335	802,288	1,014,624	212,336
	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	--	140,015		140,015	2.258	2.258	3,160,893	3,160,893	0
	TOTAL		159,032		159,032	2.492	2.626	3,963,181	4,175,517	212,336
Sep-20	ECONSALE	--	9,754		9,754	3.463	4.379	337,749	427,139	89,390
	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	--	119,663		119,663	2.155	2.155	2,579,263	2,579,263	0
	TOTAL		129,418		129,418	2.254	2.323	2,917,012	3,006,402	89,390
Oct-20	ECONSALE	--	8,389		8,389	3.142	3.974	263,633	333,407	69,774
	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	--	99,225		99,225	2.097	2.097	2,080,583	2,080,583	0
	TOTAL		107,614		107,614	2.178	2.243	2,344,216	2,413,990	69,774
Nov-20	ECONSALE	--	4,778		4,778	3.552	4.492	169,717	214,635	44,918
	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	--	52,495		52,495	2.052	2.052	1,077,352	1,077,352	0
	TOTAL		57,273		57,273	2.177	2.256	1,247,069	1,291,987	44,918
Dec-20	ECONSALE	--	15,974		15,974	2.727	3.449	435,671	550,976	115,305
	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	--	75,379		75,379	2.161	2.161	1,628,658	1,628,658	0
	TOTAL		91,352		91,352	2.260	2.386	2,064,329	2,179,634	115,305
Jan-20	ECONSALE	--	151,923		151,923	3.410	4.313	5,181,263	6,552,550	1,371,287
THRU	ECONOMY	C	0		0	0.000	0.000	0	0	0
Dec-20	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	1,464,420		1,464,420	2.313	2.313	33,865,852	33,865,852	0
	TOTAL		1,616,343		1,616,343	2.416	2.501	39,047,115	40,418,402	1,371,287

Duke Energy Florida, LLC
Purchased Power
(Exclusive of Economy & QF Purchases)
Estimated for the Period of : January 2020 through December 2020

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	NAME OF PURCHASE	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UTILITIES	MWH FOR NTERRUPTIBLE	MWH FOR F RM	C/KWH (A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJ (7) x (8)(B)
Jan-20	OTHER	--	0			0	0 000	0.000	0
	SHADY HILLS	--	4,083			4,083	5 263	5.263	214,891
	SOCO Franklin	--	20,666			20,666	2 927	2.927	604,986
	Vandolah (NSG)	--	4,355			4,355	6 534	6.534	284,576
	TOTAL		29,104	0	0	29,104	3.795	3.795	1,104,453
Feb-20	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	3,532			3,532	6 048	6.048	213,619
	SOCO Franklin	--	20,238			20,238	3 013	3.013	609,799
	Vandolah (NSG)	--	3,315			3,315	7 344	7.344	243,469
	TOTAL		27,085	0	0	27,085	3 939	3.939	1,066,887
Mar-20	OTHER	--	0			0	0 000	0.000	0
	SHADY HILLS	--	16,656			16,656	5 042	5.042	839,808
	SOCO Franklin	--	83,999			83,999	2 823	2.823	2,371,026
	Vandolah (NSG)	--	8,671			8,671	5.721	5.721	496,088
	TOTAL		109,326	0	0	109,326	3 391	3.391	3,706,922
Apr-20	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	21,731			21,731	3 843	3.843	835,167
	SOCO Franklin	--	49,500			49,500	2 677	2.677	1,324,884
	Vandolah (NSG)	--	13,496			13,496	4.774	4.774	644,283
	TOTAL		84,727	0	0	84,727	3 310	3.310	2,804,334
May-20	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	17,035			17,035	4 582	4.582	780,489
	SOCO Franklin	--	55,610			55,610	2 694	2.694	1,498,045
	Vandolah (NSG)	--	12,536			12,536	5 526	5.526	692,763
	TOTAL		85,181	0	0	85,181	3.488	3.488	2,971,297
Jun-20	OTHER	--	0			0	0 000	0.000	0
	SHADY HILLS	--	61,124			61,124	3.753	3.753	2,294,019
	SOCO Franklin	--	104,941			104,941	2 690	2.690	2,823,385
	Vandolah (NSG)	--	11,035			11,035	5 058	5.058	558,191
	TOTAL		177,100	0	0	177,100	3 205	3.205	5,675,595
Jan-20	OTHER	--	0			0	0 000	0.000	0
THRU	SHADY HILLS	--	124,161			124,161	4.170	4.170	5,177,993
Jun-20	SOCO Franklin	--	334,954			334,954	2.756	2.756	9,232,125
	Vandolah (NSG)	--	53,408			53,408	5.466	5.466	2,919,370
	TOTAL		512,523	0	0	512,523	3 381	3.381	17,329,488

Duke Energy Florida, LLC
Purchased Power
(Exclusive of Economy & QF Purchases)
Estimated for the Period of : January 2020 through December 2020

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	NAME OF PURCHASE	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UTILIT ES	MWH FOR INTERRUPT BLE	MWH FOR FIRM	C/KWH (A) FUEL COST	C/KWH (B) TOTAL COST	TOTAL $ FOR FUEL ADJ (7) x (8)(B)
Jul-20	OTHER	--	0			0	0.000	0.000	0
	SHADY H LLS	--	66,109			66,109	4.393	4.393	2,903,903
	SOCO Franklin	--	123,244			123,244	2.700	2.700	3,328,174
	Vandolah (NSG)	--	10,948			10,948	5.497	5.497	601,858
	TOTAL		200,301	0	0	200,301	3.412	3.412	6,833,935
Aug-20	OTHER	--	0			0	0.000	0.000	0
	SHADY H LLS	--	31,575			31,575	4.908	4.908	1,549,819
	SOCO Franklin	--	123,060			123,060	2.710	2.710	3,334,617
	Vandolah (NSG)	--	6,839			6,839	6.073	6.073	415,354
	TOTAL		161,474	0	0	161,474	3.282	3.282	5,299,790
Sep-20	OTHER	--	0			0	0.000	0.000	0
	SHADY H LLS	--	50,262			50,262	4.045	4.045	2,033,127
	SOCO Franklin	--	98,251			98,251	2.718	2.718	2,670,883
	Vandolah (NSG)	--	11,212			11,212	4.997	4.997	560,288
	TOTAL		159,726	0	0	159,726	3.296	3.296	5,264,298
Oct-20	OTHER	--	0			0	0.000	0.000	0
	SHADY H LLS	--	19,389			19,389	5.441	5.441	1,054,986
	SOCO Franklin	--	63,053			63,053	2.696	2.696	1,700,120
	Vandolah (NSG)	--	1,547			1,547	8.520	8.520	131,791
	TOTAL		83,989	0	0	83,989	3.437	3.437	2,886,897
Nov-20	OTHER	--	0			0	0.000	0.000	0
	SHADY H LLS	--	6,989			6,989	4.858	4.858	339,496
	SOCO Franklin	--	23,703			23,703	2.852	2.852	675,953
	Vandolah (NSG)	--	3,851			3,851	6.941	6.941	267,296
	TOTAL		34,543	0	0	34,543	3.713	3.713	1,282,745
Dec-20	OTHER	--	0			0	0.000	0.000	0
	SHADY H LLS	--	9,402			9,402	5.302	5.302	498,500
	SOCO Franklin	--	16,729			16,729	2.921	2.921	488,624
	Vandolah (NSG)	--	5,537			5,537	6.124	6.124	339,046
	TOTAL		31,668	0	0	31,668	4.188	4.188	1,326,170
Jan-20	OTHER	--	0			0	0.000	0.000	0
THRU	SHADY H LLS	--	307,887			307,887	4.404	4.404	13,557,824
Dec-20	SOCO Franklin	--	782,994			782,994	2.737	2.737	21,430,496
	Vandolah (NSG)	--	93,342			93,342	5.608	5.608	5,235,003
TOTAL			1,184,223	0	0	1,184,223	3.397	3.397	40,223,323

Duke Energy Florida, LLC
Energy Payments to Qualifying Facilities
Estimated for the Period of : January 2020 through December 2020

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	NAME OF PURCHASE	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UTILIT ES	MWH FOR INTERRUPTIBLE	MWH FOR F RM	C/KWH (A) ENERGY COST	C/KWH (B) TOTAL COST	TOTAL $ FOR FUEL ADJ (7) x (8)(A)
Jan-20	QUAL. FAC LITIES	COGEN	254,820			254,820	4.050	14.708	10,321,439
Feb-20	QUAL. FAC LITIES	COGEN	238,380			238,380	4.032	15.425	9,611,794
Mar-20	QUAL. FAC LITIES	COGEN	223,797			223,797	4.229	16.364	9,464,477
Apr-20	QUAL. FAC LITIES	COGEN	232,995			232,995	4.130	15.786	9,623,406
May-20	QUAL. FAC LITIES	COGEN	247,271			247,271	4.086	15.069	10,104,514
Jun-20	QUAL. FAC LITIES	COGEN	239,294			239,294	4.100	15.449	9,810,413
Jul-20	QUAL. FAC LITIES	COGEN	247,271			247,271	4.138	15.121	10,233,157
Aug-20	QUAL. FAC LITIES	COGEN	247,271			247,271	4.146	15.129	10,251,146
Sep-20	QUAL. FAC LITIES	COGEN	233,587			233,587	4.116	15.742	9,613,299
Oct-20	QUAL. FAC LITIES	COGEN	210,877			210,877	4.014	16.893	8,465,057
Nov-20	QUAL. FAC LITIES	COGEN	237,861			237,861	4.153	15.570	9,877,229
Dec-20	QUAL. FAC LITIES	COGEN	264,967			264,967	3.988	14.237	10,565,880
TOTAL	QUAL. FAC LITIES	COGEN	2,878,391			2,878,391	4.097	15.419	117,941,811

Duke Energy Florida, LLC
Economy Energy Purchases
Estimated for the Period of : January 2020 through December 2020

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
				TRANSACTION COST		TOTAL $	COST IF GENERATED		
MONTH	PURCHASE	TYPE & SCHED	TOTAL MWH PURCHASED	ENERGY COST C/KWH	TOTAL COST C/KWH	FOR FUEL ADJ (4) x (5)	(A) C/KWH	(B) $	FUEL SAVINGS (8)(B) - (7)
Jan-20	ECONPURCH	--	5,890	3.943	3.943	232,265	4.555	268,303	36,038
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		5,890	3.943	3.943	232,265	4.555	268,303	36,038
Feb-20	ECONPURCH	--	6,761	3.718	3.718	251,357	4.294	290,358	39,001
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		6,761	3.718	3.718	251,357	4.294	290,358	39,001
Mar-20	ECONPURCH	--	9,309	3.554	3.554	330,864	4.106	382,205	51,341
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		9,309	3.554	3.554	330,864	4.106	382,205	51,341
Apr-20	ECONPURCH	--	9,151	3.596	3.596	329,067	4.154	380,129	51,062
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		9,151	3.596	3.596	329,067	4.154	380,129	51,062
May-20	ECONPURCH	--	4,750	4.240	4.240	201,399	4.898	232,653	31,254
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		4,750	4.240	4.240	201,399	4.898	232,653	31,254
Jun-20	ECONPURCH	--	3,500	4.702	4.702	164,565	5.432	190,104	25,539
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		3,500	4.702	4.702	164,565	5.432	190,104	25,539
Jan-20 THRU Jun-20	ECONPURCH	--	39,361	3.835	3.835	1,509,517	4.430	1,743,752	234,235
	SEPA	--	0	0.000	0.000	0	-	0	-
	TOTAL		39,361	3.835	3.835	1,509,517	4.430	1,743,752	234,235

Duke Energy Florida, LLC
Economy Energy Purchases
Estimated for the Period of : January 2020 through December 2020

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
				TRANSACTION COST		TOTAL $	COST IF GENERATED		
MONTH	PURCHASE	TYPE & SCHED	TOTAL MWH PURCHASED	ENERGY COST C/KWH	TOTAL COST C/KWH	FOR FUEL ADJ (4) x (5)	(A) C/KWH	(B) $	FUEL SAVINGS (8)(B) - (7)
Jul-20	ECONPURCH	--	4,164	4.435	4.435	184,692	5.123	213,349	28,657
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		4,164	4.435	4.435	184,692	5.123	213,349	28,657
Aug-20	ECONPURCH	--	3,303	4.758	4.758	157,157	5.496	181,547	24,390
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		3,303	4.758	4.758	157,157	5.496	181,547	24,390
Sep-20	ECONPURCH	--	4,176	4.700	4.700	196,292	5.430	226,749	30,457
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		4,176	4.700	4.700	196,292	5.430	226,749	30,457
Oct-20	ECONPURCH	--	4,682	3.944	3.944	184,665	4.556	213,322	28,657
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		4,682	3.944	3.944	184,665	4.556	213,322	28,657
Nov-20	ECONPURCH	--	7,685	3.598	3.598	276,466	4.156	319,358	42,892
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		7,685	3.598	3.598	276,466	4.156	319,358	42,892
Dec-20	ECONPURCH	--	8,448	3.525	3.525	297,798	4.072	344,004	46,206
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		8,448	3.525	3.525	297,798	4.072	344,004	46,206
Jan-20 THRU Dec-20	ECONPURCH	--	71,819	3.908	3.908	2,806,587	4.514	3,242,081	435,494
	SEPA	--	0	0.000	0.000	0	0.000	0	-
	TOTAL		71,819	3.908	3.908	2,806,587	4.514	3,242,081	435,494

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

	Current Sep-Dec - 2019 ($/1000 kWh)	Requested Jan-2020 [1] ($/1000 kWh)	Difference from Current $	Difference from Current %
Base Rate	$69.11	$71.55	$2.44	3.53%
Fuel Cost Recovery	36.98	30.67	(6.31)	-17.06%
Capacity Cost Recovery (CCR)	11.21	12.00	0.79	7.05%
Energy Conservation Cost Recovery (ECCR)	2.97	3.39	0.42	14.14%
Environmental Cost Recovery (ECRC)	1.43	0.79	(0.64)	-44.76%
Nuclear CR3 Uprate	1.27	0.00	(1.27)	-100.00%
Asset Securitization Charge (ASC)	2.49	2.49	0.00	0.00%
Subtotal	125.46	120.89	(4.57)	-3.64%
Gross Receipts Tax	3.22	3.10	(0.12)	-3.73%
Total	$128.68	$123.99	($4.69)	-3.64%

[1] The January 2020 Base Rate includes proposed adjustments for the Hamilton Solar Power Plant Project True-Up (SoBRA I), Lake Placid and Trenton Solar Power Plant Projects (SoBRA II) and Multi-Year Base Rate Increase filed in Docket No. 20190072.

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	14,752,013	3.350	$ 494,192,421	3.067	$ 452,465,709
Over 1,000 kWh	5,818,443	3.350	194,917,852	4.067	236,644,564
Total	20,570,456		$ 689,110,273		$ 689,110,273
Rate Differential by Tier - Cents per kWh				1.000	

Residential Sales:	
Total	20,570,483
Time of Use	27
Levelized	20,570,456

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

		2017 Actual	2018 Actual	2019 Actual/Estimated	2020 Projection	2018 vs. 2017	2019 vs. 2018	2020 vs. 2019
FUEL COST OF SYSTEM NET GENERATION ($)								
LIGHT O L		13,616,153	22,609,544	6,406,085	1,722,973	66.0%	-71.7%	-73.1%
COAL		313,055,107	276,175,645	148,303,408	114,521,743	-11.8%	-46 3%	-22.8%
GAS		928,886,194	1,023,687,201	1,073,325,970	1,071,351,098	10.2%	4 8%	-0.2%
OTHER		0	0	0	0	0.0%	0 0%	0.0%
TOTAL	$	1,255,557,454	1,322,472,390	1,228,035,464	1,187,595,814	5.3%	-7.1%	-3.3%
SYSTEM NET GENERATION (mWh)								
LIGHT O L		62,216	90,434	18,782	181	45.4%	-79 2%	-99.0%
COAL		8,722,203	8,421,960	3,610,045	2,406,835	-3.4%	-57.1%	-33.3%
GAS		27,307,533	28,686,945	36,234,382	36,652,981	5.1%	26 3%	1.2%
SOLAR		15,705	25,744	226,096	841,101	63.9%	778 2%	272.0%
OTHER		0	0	0	0	0.0%	0 0%	0.0%
TOTAL	mWh	36,107,657	37,225,084	40,089,304	39,901,097	3.1%	7.7%	-0.5%
UNITS OF FUEL BURNED								
LIGHT O L	BBL	136,260	198,094	51,716	8,417	45.4%	-73 9%	-83.7%
COAL	TON	4,023,166	3,745,945	1,666,570	1,092,301	-6.9%	-55 5%	-34.5%
GAS	MCF	213,729,336	222,082,583	266,088,201	264,156,745	3.9%	19 8%	-0.7%
OTHER		0	0	0	0	0.0%	0 0%	0.0%
BTUS BURNED (MMBTU)								
LIGHT O L		828,727	1,141,753	297,830	49,027	37.8%	-73 9%	-83.5%
COAL		90,926,387	86,196,682	38,166,941	25,761,017	-5.2%	-55.7%	-32.5%
GAS		218,296,120	226,705,787	268,575,668	264,156,745	3.9%	18 5%	-1.6%
OTHER		0	0	0	0	0.0%	0 0%	0.0%
TOTAL	MMBTU	310,051,234	314,044,222	307,040,439	289,966,789	1.3%	-2 2%	-5.6%
GENERATION MIX (% mWh)								
LIGHT O L		0.17%	0.24%	0.05%	0.00%	58.1%	-82 3%	0.0%
COAL		24.16%	22.62%	9.01%	6.03%	-6.2%	-60.1%	-33.3%
GAS		75.63%	77.06%	90.38%	91.86%	1.9%	17 3%	1.7%
SOLAR		0.04%	0.07%	0.56%	2.11%	0.0%	724 6%	266.0%
OTHER		0.00%	0.00%	0.00%	0.00%	0.0%	0 0%	0.0%
TOTAL	%	100.00%	100.00%	100.00%	100.00%	0.0%	0 0%	0.0%
FUEL COST PER UNIT								
LIGHT O L	$/BBL	99 93	114.14	123 87	204.70	14.2%	8 5%	65.3%
COAL	$/TON	77 81	73.73	88 99	104.84	-5.3%	20.7%	17.8%
GAS	$/MCF	4 35	4 61	4 03	4.06	6.1%	-12 5%	0.5%
OTHER		0 00	0 00	0 00	0.00	0.0%	0 0%	0.0%
FUEL COST PER MMBTU ($/MMBTU)								
LIGHT O L		16.43	19 80	21 51	35.14	20.5%	8 6%	63.4%
COAL		3.44	3 20	3 89	4.45	-6.9%	21 3%	14.4%
GAS		4 26	4 52	4 00	4.06	6.1%	-11 5%	1.5%
OTHER		0 00	0 00	0 00	0.00	0.0%	0 0%	0.0%
TOTAL	$/MMBTU	4 05	4 21	4 00	4.10	4.0%	-5 0%	2.4%
BTU BURNED PER kWh (BTU/kWh)								
LIGHT O L		13,320	12,625	15,857	270,718	-5.2%	25 6%	1607.2%
COAL		10,425	10,235	10,572	10,703	-1.8%	3 3%	1.2%
GAS		7,994	7,903	7,412	7,207	-1.1%	-6 2%	-2.8%
OTHER		0	0	0	0	0.0%	0 0%	0.0%
TOTAL	BTU/kWh	8,587	8,436	7,659	7,267	-1.8%	-9 2%	-5.1%
GENERATED FUEL COST PER kWh (C/kWh)								
LIGHT O L		21 89	25 00	34.11	951.39	14.2%	36.4%	2689.4%
COAL		3 59	3 28	4.11	4.76	-8.6%	25 3%	15.8%
GAS		3.40	3 57	2 96	2.92	4.9%	-17 0%	-1.3%
OTHER		0 00	0 00	0 00	0.00	0.0%	0 0%	0.0%
TOTAL	C/kWh	3.48	3 55	3 06	2.98	2.2%	-13 8%	-2.8%

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 2020 through December 2020

	Adjusted Retail $000's	Ratio	Cost Rate	Weighted Cost	PreTax Weighted Cost Rate
Common Equity	$ 4,874,577	41.01%	10.50%	4.31%	5.77%
Long Term Debt	4,845,025	40.77%	4.70%	1.92%	1.92%
Short Term Debt	(59,427)	-0.50%	-0.36%	0.00%	0.00%
Customer Deposits - Active	176,757	1.49%	2.38%	0.04%	0.04%
Customer Deposits - Inactive	1,853	0.02%	0.00%	0.00%	0.00%
Deferred Tax	2,026,313	17.05%	0.00%	0.00%	0.00%
Deferred Tax (FAS 109)	-	0.00%	0.00%	0.00%	0.00%
ITC	19,806	0.17%	7.71%	0.01%	0.01%
	11,884,905	100.00%		6.27%	7.74%
			Total Debt	1.97%	1.97%
			Total Equity	4.31%	5.77%

Above is the May 2019 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU, Docket 20120007-EI. Pursuant to the unopposed motion filed on August 21, 2019 in Docket Nos. 20190001, 20190002 and 20190007, DEF does not require the alternative calculation of WACC because the Limitation Provision in Treasury Regulation Section 1.167(l)-l(h)(6)(i) is expected to be met.

Docket No. 20190001-EI
Exhibit No. ____(CAM-3)
Part 3

DUKE ENERGY FLORIDA, LLC

Fuel and Capacity Cost Recovery Factor

January through December 2020

PART 3 – 2020 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

Duke Energy Florida, LLC
Calculation of Projected Capacity Costs
For the Year 2020

Docket No. 20190001-EI
Exhibit__CAM-3, Part 3
Schedule E12-A

		EST Jan-20	EST Feb-20	EST Mar-20	EST Apr-20	EST May-20	EST 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 (ORANGECO)	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	5,887,169	5,887,169	70,646,029
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	71,080,257
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	97,040,598
7	Subtotal - Base Level Capacity Costs	27,157,535	27,157,535	27,157,535	27,157,535	27,157,535	27,157,535	27,157,535	27,157,535	27,157,535	27,157,535	27,157,535	27,157,535	325,890,424
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	25,225,277	25,225,276	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	302,703,317
10	**Intermediate Production Level Capacity Costs**													
11	Southern Franklin	4,803,596	4,803,596	2,834,972	2,834,972	3,116,204	5,366,060	6,490,988	6,490,988	4,803,596	2,834,972	2,834,972	3,678,668	50,893,581
12	Schedule H Capacity Sales	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Subtotal - Intermediate Level Capacity Costs	4,803,596	4,803,596	2,834,972	2,834,972	3,116,204	5,366,060	6,490,988	6,490,988	4,803,596	2,834,972	2,834,972	3,678,668	50,893,581
14	Intermediate Production Jurisdict. Responsibility	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	
15	Intermediate Level Jurisdict. Capacity Costs	3,492,358	3,492,358	2,061,110	2,061,110	2,265,575	3,901,286	4,719,143	4,719,143	3,492,358	2,061,110	2,061,110	2,674,502	37,001,161
16	**Peaking Production Level Capacity Costs**													
17	Shady Hills	1,978,175	1,978,175	1,412,982	1,370,803	1,919,125	3,901,517	3,901,517	3,901,517	1,820,708	1,370,803	1,370,803	1,978,175	26,904,299
18	Vandolah (NSG)	2,770,874	2,786,429	1,997,185	1,974,963	2,693,097	5,552,672	5,536,005	5,491,562	2,628,284	1,936,075	1,980,519	2,786,429	38,134,092
19	Other	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Subtotal - Peaking Level Capacity Costs	4,749,048	4,764,603	3,410,167	3,345,766	4,612,222	9,454,189	9,437,522	9,393,079	4,448,992	3,306,878	3,351,322	4,764,603	65,038,391
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	4,555,477	4,570,398	3,271,168	3,209,393	4,424,228	9,068,836	9,052,849	9,010,217	4,267,651	3,172,090	3,214,722	4,570,398	62,387,427
23	**Other Capacity Costs**													
24	Retail Wheeling	(49,081)	(26,693)	(6,391)	(8,251)	(22,290)	(26,580)	(30,641)	(32,297)	(17,960)	(15,271)	(8,249)	(27,392)	(271,098)
25	Ridge Generating Station L P. Termination[1]	709,446	705,945	702,444	698,943	695,442	691,941	688,439	684,938	681,437	677,936	674,435	670,934	8,282,280
26	SoBRA True-Up - Hamilton [2]	(478,334)								-				(478,334)
27	Total Other Capacity Costs	182,032	679,252	696,053	690,691	673,152	665,360	657,798	652,641	663,477	662,665	666,186	643,541	7,532,848
28	**Total Capacity Costs (line 9+15+22+27)**	33,455,143	33,967,284	31,253,608	31,186,470	32,588,230	38,860,759	39,655,066	39,607,278	33,648,763	31,121,141	31,167,294	33,113,718	409,624,753
29	Actual/Estimated True-Up Provision - Jan - Dec 2019													(1,848,509)
30	**Total Capacity Costs w/ True-Up**													407,776,244
31	Revenue Tax Multiplier													1.00072
32	**Total Recoverable Capacity Costs**													408,069,843
33	**ISFSI Revenue Requirement**[3]													6,879,837
34	Revenue Tax Multiplier													1.00072
35	**Total Recoverable ISFSI Costs**													6,884,790
36	**Total Recoverable Capacity & ISFSI Costs (line 32+35)**													414,954,634

[1] Approved in Commission Order No. PSC-2018-0532-PAA-EQ.
[2] Proposed true-up of Hamilton Solar Project costs per paragraph 15g of the 2017 Settlement filed in Docket No. 20190072.
[3] Approved in Commission Order No. PSC-2016-0425-PAA-EI.

Contract Data:

	Name	Start Date	Expiration Date	Type	Purchase/Sale	MW
1	Orlando Cogen Limited (ORLACOGL)	Sep-93	Dec-23	QF	Purch	115.00
2	Orange Cogen (ORANGECO)	Jul-95	Dec-25	QF	Purch	104.00
3	Pasco County Resource Recovery (PASCOUNT)	Jan-95	Dec-24	QF	Purch	23.00
4	Pinellas County Resource Recovery (PINCOUNT)	Jan-95	Dec-24	QF	Purch	54.75
5	Polk Power Partners, L. P. (MULBERY/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.

Duke Energy Florida, LLC
Calculation of Actual/Estimated Capacity True-up
For the Year 2019

Docket No. 20190001-EI
Exhibit__CAM-3, Part 3
Schedule E12-B
Page 1 of 1

		ACT Jan-19	ACT Feb-19	ACT Mar-19	ACT Apr-19	ACT May-19	ACT Jun-19	EST Jul-19	EST Aug-19	EST Sep-19	EST Oct-19	EST Nov-19	EST Dec-19	TOTAL
1	**Base Production Level Capacity Costs**													
2	Orange Cogen (ORANGECO)	5,600,934	5,600,934	5,600,934	5,600,934	5,600,934	5,600,934	5,600,934	5,600,934	5,600,934	5,600,934	5,600,934	5,600,934	67,211,204
3	Orlando Cogen Limited (ORLACOGL)	5,636,162	5,636,162	5,636,162	5,636,162	5,636,162	5,636,162	5,636,162	5,636,162	5,636,162	5,636,162	5,636,162	5,636,162	67,633,942
4	Pasco County Resource Recovery (PASCOUNT)	2,019,170	2,019,170	2,019,170	2,019,170	2,019,170	2,019,170	2,019,170	2,019,170	2,019,170	2,019,170	2,019,170	2,019,170	24,230,040
5	Pinellas County Resource Recovery (PINCOUNT)	4,806,503	4,806,503	4,806,503	4,806,503	4,806,503	4,806,503	4,806,503	4,806,503	4,806,503	4,806,503	4,806,503	4,806,503	57,678,030
6	Polk Power Partners, L.P. (MULBERRY/ROYSTER)	7,693,916	7,693,916	7,693,916	7,693,916	7,693,916	7,693,916	7,693,915	7,693,915	7,693,915	7,693,915	7,693,915	7,693,915	92,326,986
7	Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	800,946	0	-	-	-	-	-	-	-	-	-	-	800,946
8	Subtotal - Base Level Capacity Costs	26,557,630	25,756,684	25,756,684	25,756,684	25,756,684	25,756,684	25,756,683	25,756,683	25,756,683	25,756,683	25,756,683	25,756,683	309,881,148
9	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%	
10	Base Level Jurisdictional Capacity Costs	24,668,054	23,924,096	23,924,096	23,924,096	23,924,096	23,924,096	23,924,095	23,924,095	23,924,095	23,924,095	23,924,095	23,924,095	287,833,104
11	**Intermediate Production Level Capacity Costs**													
12	Southern Franklin	4,611,942	4,802,362	2,752,978	2,755,639	2,814,130	5,254,911	6,374,293	6,374,293	4,712,941	2,774,697	2,774,697	3,605,373	49,608,256
13	Schedule H Capacity Sales	(48,411)	-	(64,548)	-	-	(114,031)	-	-	-	-	-	-	(226,990)
14	Subtotal - Intermediate Level Capacity Costs	4,563,531	4,802,362	2,688,430	2,755,639	2,814,130	5,140,880	6,374,293	6,374,293	4,712,941	2,774,697	2,774,697	3,605,373	49,381,266
15	Intermediate Production Jurisdictioinal 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%	
16	Intermediate Level Jurisdictional Capacity Costs	3,317,824	3,491,461	1,954,569	2,003,433	2,045,957	3,737,574	4,634,302	4,634,302	3,426,450	2,017,288	2,017,288	2,621,214	35,901,661
17	**Peaking Production Level Capacity Costs**													
18	Shady Hills	1,976,940	1,976,940	1,412,100	1,366,200	1,912,680	3,888,000	3,901,517	3,901,517	1,820,708	1,370,803	1,370,803	1,978,175	26,876,383
19	Vandolah	2,919,279	2,891,051	1,947,614	1,942,582	2,793,653	5,773,604	5,536,005	5,491,562	2,628,284	1,936,075	1,980,519	2,786,429	38,626,658
20	Other	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Subtotal - Peaking Level Capacity Costs	4,896,219	4,867,991	3,359,714	3,308,782	4,706,333	9,661,604	9,437,522	9,393,079	4,448,992	3,306,878	3,351,322	4,764,603	65,503,041
22	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%	
23	Peaking Level Jurisdictional Capacity Costs	4,696,650	4,669,572	3,222,772	3,173,916	4,514,503	9,267,797	9,052,849	9,010,217	4,267,651	3,172,090	3,214,722	4,570,398	62,833,137
24	**Other Capacity Costs**													
25	Retail Wheeling	(45,534)	(8,443)	(35,373)	(39,200)	(57,327)	(29,146)	(27,612)	(34,680)	(22,418)	(10,341)	(6,562)	(15,612)	(332,248)
26	Ridge Generating Station L P. Termination [1]	-	750,770	747,221	743,672	740,123	736,573	730,453	726,952	723,451	719,950	716,449	712,948	8,048,562
27	Total Other Capacity Costs	(45,534)	742,327	711,848	704,472	682,796	707,428	702,842	692,272	701,033	709,609	709,887	697,335	7,716,315
28	**Total Capacity Costs (Line 10+16+23+27)**	32,636,994	32,827,456	29,813,285	29,805,916	31,167,352	37,636,894	38,314,088	38,260,887	32,319,229	29,823,082	29,865,992	31,813,043	394,284,217
29	**Nuclear Cost Recovery Clause**													
30	CR3 Uprate Costs [2]	3 775 626	3 753 198	3 730 770	3 708 343	3 685 916	3 663 488	3 641 061	3 618 633	3 596 207	3 573 779	3 551 352	3 528 924	43 827 298
31	**Total Nuclear Cost Recovery Clause Costs**	3,775,626	3,753,198	3,730,770	3,708,343	3,685,916	3,663,488	3,641,061	3,618,633	3,596,207	3,573,779	3,551,352	3,528,924	43,827,298
32	**ISFSI Revenue Requirement** [3]	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
33	**Total Recov Capacity & Nuclear Costs (Line 28+31+32)**	36,985,939	37,153,974	34,117,375	34,087,579	35,426,587	41,873,703	42,528,468	42,452,840	36,488,756	33,970,181	33,990,663	35,915,287	444,991,352
34	**Capacity Revenues**													
35	Capacity Cost Recovery Revenues (net of tax)	29,661,483	30,804,405	30,389,686	31,169,336	34,653,964	41,304,162	42,125,264	42,483,642	43,580,645	39,787,264	33,521,424	31,582,385	431,063,659
36	Prior Period True-Up Provision Over/(Under) Recovery	1,384,206	1,384,206	1,384,206	1,384,206	1,384,206	1,384,206	1,384,206	1,384,206	1,384,206	1,384,206	1,384,206	1,384,206	16,610,473
37	**Current Period Revenues (net of tax)**	31,045,689	32,188,611	31,773,892	32,553,542	36,038,171	42,688,368	43,509,470	43,867,848	44,964,851	41,171,470	34,905,630	32,966,591	447,674,132
38	**True-Up Provision**													
39	True-Up Provision - Over/(Under) Recov (Line 37-33)	(5,940,250)	(4,965,363)	(2,343,483)	(1,534,037)	611,583	814,665	981,002	1,415,008	8,476,095	7,201,289	914,967	(2,948,696)	2,682,780
40	Interest Provision for the Month	24,206	10,633	535	(6,274)	(9,873)	(10,962)	(6,166)	(6,142)	802	6,504	6,050	1,810	11,121
41	Current Cycle Balance - Over/(Under)	(5,916,044)	(10,870,774)	(13,213,723)	(14,754,034)	(14,152,324)	(13,348,621)	(12,373,785)	(10,964,919)	(2,488,022)	4,719,770	5,640,787	2,693,901	2,693,901
42	Prior Period Balance - Over/(Under) Recovered	15,765,080	15,765,080	15,765,080	15,765,080	15,765,080	15,765,080	15,765,080	15,765,080	15,765,080	15,765,080	15,765,080	15,765,080	15,765,080
43	Prior Period Cumulative True-Up Collected/(Refunded)	(1,384,206)	(2,768,412)	(4,152,618)	(5,536,824)	(6,921,030)	(8,305,235)	(9,689,442)	(11,073,648)	(12,457,854)	(13,842,060)	(15,226,266)	(16,610,472)	(16,610,472)
44	Prior Period True-up Balance - Over/(Under)	14,380,874	12,996,668	11,612,462	10,228,256	8,844,049	7,459,844	6,075,638	4,691,432	3,307,226	1,923,020	538,814	(845,392)	(845,392)
45	**Net Capacity True-up Over/(Under) (Line 41+44)**	$8,464,830	$2,125,894	($1,601,260)	($4,525,777)	($5,308,274)	($5,888,777)	($6,298,147)	($6,273,487)	$819,204	$6,642,790	$6,179,601	$1,848,509	$1,848,509

[1] Approved in Commission Order No. PSC-2018-0532-PAA-EQ.
[2] Approved in Commission Order No. PSC-2018-0490-FOF-EI.
[3] Approved in Commission Order No. PSC-2016-0425-PAA-EI.

Duke Energy Florida, LLC
Calculation of Energy and Demand Percent by Rate Class
Using 12 CP & 1/13th AD Allocation Method for Production Demand
For the Year 2020

Docket No. 20190001-EI
Exhibit__CAM-3, Part 3
Schedule E12-D
Page 1 of 1

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												**0.32%**
RS-1, RST-1, RSL-1, RSL-2, RSS-1												
Secondary	0 548	20,570,483	4,275 04	0 9356728	21,984,697	4,568.95	2,502 81	52.312%	60.038%	59.444%	1,365,793	4,386
General Service Non-Demand												
GS-1, GST-1												
Secondary	0 576	2,111,508	417 57	0 9356728	2,256,673	446.28	256 91	5.370%	5.864%	5 826%		
Primary	0 576	20,599	4 07	0 9735768	21,158	4.18	2.41	0.050%	0.055%	0 055%		
Transmission	0 576	2,540	0 50	0 9835768	2,582	0.51	0 29	0.006%	0.007%	0 007%		
								5.426%	5.926%	5 887%	141,030	453
General Service												
GS-2 Secondary	1 000	203,276	23.14	0 9356728	217,251	24.73	24.73	0.517%	0.325%	0 340%	5,159	17
General Service Demand												
GSD-1, GSDT-1												
Secondary	0.742	11,560,312	1,772.76	0 9356728	12,355,079	1,894.63	1,406 54	29.399%	24.896%	25 243%		
Transm Del/ Primary Mtr	0.742	0	0 00	0 9735768	0	0.00	0 00	0.000%	0.000%	0 000%		
Sec Del/Primary Mtr	0.742	27,874	4 27	0 9735768	28,631	4.39	3 26	0.068%	0.058%	0 058%		
Primary	0.742	2,210,723	339 01	0 9735768	2,270,723	348.21	258 51	5.403%	4.576%	4 639%		
SS-1 Primary	0.796	32,819	4 69	0 9735768	33,710	4.82	3 84	0.080%	0.063%	0 065%		
Transm Del/ Primary Mtr	0.796	1,889	0 27	0 9735768	1,940	0.28	0 22	0.005%	0.004%	0 004%		
Transmission	0.796	6,147	0 88	0 9835768	6,250	0.89	0.71	0.015%	0.012%	0 012%		
								34.970%	29.608%	30 021%	557,250	1,789
Curtailable												
CS-1, CST-1, CS-2, CST-2, SS-3												
Primary	1 082	70,228	7 39	0 9735768	72,134	7.59	8 21	0.172%	0.100%	0.105%		
SS-3 Primary	1 248	52,769	4 81	0 9735768	54,201	4.94	6.17	0.129%	0.065%	0 070%		
								0.301%	0.165%	0.175%	5,437	17
Interruptible												
IS-1, IST-1, IS-2, IST-2												
Secondary	0 911	311,838	38 96	0 9356728	333,277	41.64	37 94	0.793%	0.547%	0 566%		
Sec Del/Primary Mtr	0 911	5,039	0 63	0 9735768	5,176	0.65	0 59	0.012%	0.008%	0 009%		
Primary Del / Primary Mtr	0 911	1,146,956	143 29	0 9735768	1,178,085	147.18	134.12	2.803%	1.934%	2 001%		
Primary Del / Transm Mtr	0 911	214	0 03	0 9835768	218	0.03	0 02	0.001%	0.000%	0 000%		
Transm Del/ Primary Mtr	0 911	305,362	38.15	0 9735768	313,650	39.18	35.71	0.746%	0.515%	0 533%		
Transm Del/ Transm Mtr	0 911	374,835	46 83	0 9835768	381,094	47.61	43 38	0.907%	0.626%	0 647%		
SS-2 Primary	0 686	62,736	10.41	0 9735768	64,439	10.70	7 34	0.153%	0.141%	0.142%		
Transm Del/ Primary Mtr	0 686	10,244	1.70	0 9735768	10,522	1.75	1 20	0.025%	0.023%	0 023%		
Transmission	0 686	38,936	6.46	0 9835768	39,586	6.57	4 51	0.094%	0.086%	0 087%		
								5.535%	3.880%	4 008%	59,682	192
Lighting												
LS-1 (Secondary)	10.191	369,250	4.12	0 9356728	394,635	4.41	44 93	0.939%	0.058%	0.126%	9,744	31
Total		39,496,576	7,145 00		42,025,709	7,610.12	4,784 35	100.000%	100.000%	100 000%	2,144,095	6,885

Notes:

(1) Average 12CP load factor based on load research study filed July 31, 2018 (FPSC rule 25-6 0437 (7))
(2) Projected mWh sales for the period Jan-Dec 2020
(3) Calculated: Column 2 / (8,784 hours x Column 1)
(4) Based on system average line loss analysis for 2018
(5) Calculated: Column 2 / Column 4
(6) Calculated: Column 3 / Column 4
(7) Calculated: Column 5 / 8,784 hours
(8) Calculated: Column 7 / Total Column 7
(9) Calculated: Column 6 / Total Column 6
(10) Calculated: Column 8 x 1/13 + Column 9 x 12/13
(11) Projected Base Energy & Demand Revenues for Jan-Dec 2020
(12) Uniform Percent Calculated: Column 12 Total / Column 11 Total
Calculated: Column 11 x Uniform Percent

Duke Energy Florida, LLC
Calculation of Capacity Cost Recovery Factors by Rate Class
For the Year 2020

Docket No. 20190001-EI
Exhibit__CAM-3, Part 3
Schedule E12-E
Page 1 of 1

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	59.444%	20,570,483	$242,571,083	$4,385,625	$246,956,708	**1.179**	**0.021**	**1.200**					
General Service Non-Demand													
GS-1, GST-1													
Secondary		2,111,508				**1.126**	**0.021**	**1.147**					
Primary		20,393				**1.115**	**0.021**	**1.136**					
Transmission		2,489				**1.103**	**0.021**	**1.124**					
TOTAL GS	5 887%	2,134,390	24,025,105	452,855	24,477,960								
General Service													
GS-2 Secondary	0 340%	203,276	1,386,466	16,565	1,403,031	**0.682**	**0.008**	**0.690**					
General Service Demand													
GSD-1, GSDT-1, SS-1													
Secondary		11,560,312									**3.55**	**0.05**	**3.60**
Primary		2,250,572									**3.51**	**0.05**	**3.56**
Transmission		6,024									**3.48**	**0.05**	**3.53**
TOTAL GSD	30 021%	13,816,908	122,505,608	1,789,356	124,294,964				54.70%	34,507,418			
Curtailable													
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3													
Secondary		-									**1.34**	**0.03**	**1.38**
Primary		121,767									**1.33**	**0.03**	**1.37**
Transmission		-									**1.31**	**0.03**	**1.35**
TOTAL CS	0.175%	121,767	714,722	17,459	732,181				31.30%	531,464			
Interruptible													
IS-1, IST-1, IS-2, IST-2, SS-2													
Secondary		311,838									**2.97**	**0.03**	**3.00**
Primary		1,515,034									**2.94**	**0.03**	**2.97**
Transmission		405,705									**2.91**	**0.03**	**2.94**
TOTAL IS	4 008%	2,232,577	16,353,892	191,641	16,545,533				55.30%	5,515,314			
Lighting													
LS-1 Secondary	0.126%	369,250	512,969	31,289	544,258	**0.139**	**0.008**	**0.147**					
Total	100 000%	39,448,650	$408,069,843	$6,884,790	$414,954,634	**1.034**	**0.017**	**1.051**					

Notes:
(1) From Schedule E12-D, Column 10
(2) Projected mWh sales at effective voltage level for Jan-Dec 2020
(3) Column 1 x Total Recoverable Capacity Costs (Schedule E12-A)
(4) From Schedule E12-D, Column 12
(5) Column 3 + Column 4
(6) (Column 3 / Column 2) / 10
(7) (Column 4 / Column 2) / 10
(8) Column 6 + Column 7
(9) Class Billing kW Load Factor
(10) Column 2 x 1000 / 8,760 / Column 9 x 12
(11) Column 3 / Column 10
(12) Column 4 / Column 10
(13) Column 5 / Column 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 2018

FPSC DOCKET NO. 20190001-EI

GPIF TARGETS AND RANGES FOR
JANUARY THROUGH DECEMBER 2020

DIRECT TESTIMONY OF JAMES BRADLEY DANIEL

September 3, 2019

Q. Please state your name and business address.

A. My name is J. Bradley Daniel. My business address is 526 South Church Street, Charlotte, North Carolina 28202.

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

A. I am employed by Duke Energy Carolinas, LLC ("DEC") as Manager of Fuels and Fleet Analytics for Fuels and Systems Optimization. DEC and Duke Energy Florida, LLC ("DEF" or "Company") are both wholly-owned subsidiaries of Duke Energy Corporation ("Duke Energy").

Q. What are your responsibilities in that position?

A. As Manager of Analytics for Fuels and Systems Optimization, I oversee the analysis and modeling of energy portfolios for Duke Energy's regulated utility subsidiaries, including DEF, as well as DEC, Duke Energy Progress, LLC, Duke Energy Indiana LLC, and Duke Energy Kentucky, Inc. My responsibilities include oversight of planning and coordination

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

Q. Please describe your educational background and professional experience.

A. I earned a B.A. from the University of Oklahoma in 2000 and an MBA from Wake Forest University in 2009. I interned as a data analyst with Oklahoma Energy Resources, Inc in Oklahoma City, OK in the Fall of 1999 and as an energy market research analyst with Cinergy Corporation in Cincinnati, OH in the summer of 2000. From 2001 until 2005, I worked as hourly power scheduler and power trader for Cinergy Corporation. From 2005 until 2007, I worked as a load forecast analyst and short-term power trader for Cinergy Corporation. In 2007, I transferred to a short-term power trader role for Duke Energy in Charlotte, NC, after the merger of Cinergy Corporation and Duke Power. I worked in that role while completing my MBA from Wake Forest University, with a focus in Economics. From 2010-2012, I managed the Midwest short term trading portfolio, where I took responsibility for power, natural gas, and Financial Transmission Rights hedging portfolios covering the Duke Energy Indiana and Kentucky jurisdictions. In 2012, after the Duke Energy and Progress Energy merger, I took the role of Manager, Southeast Power Trading, responsible for managing hourly purchases and sales of wholesale power for Duke Energy Carolinas and Duke Energy Florida. In 2017, I took the role of Manager, Fuels and Fleet Analytics (now Fuels and Operations Forecasting), where I took over responsibility for mid-term production cost modeling, dispatch pricing, fuel burn forecasting, position reporting, budgeting for rates and financial planning, and general analytical support for

Fuels Procurement and Hedging, Power and Gas Trading, and Unit Commitment functions for Duke Energy Carolinas (North and South Carolina), Duke Energy Florida, and Duke Energy Midwest (Indiana and Kentucky) within Duke Energy's Fuels and Systems Optimization organization.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to provide a recap of actual reward / penalty for the period of January through December 2018, and outline the development of the Company's Generating Performance Incentive Factor ("GPIF") targets and ranges for the period January through December 2020. These GPIF targets and ranges have been developed from individual unit equivalent availability, average net operating heat rate targets, and improvement/degradation ranges for each of the Company's GPIF generating units, in accordance with the Commission's GPIF Implementation Manual.

Q. What GPIF incentive amount was calculated and reported in your March 15, 2019 testimony for the period January through December 2018?

A. DEF's calculated GPIF incentive amount for this period was a reward of $2,591,697. Please refer to my testimony filed March 15, 2019 for the details of how this incentive amount was calculated.

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

A. No.

Q. Do you have an exhibit to your testimony?

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

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

A. For the 2020 projection period, the GPIF program includes the following units: Bartow Unit 4, Hines Units 1 through 4 and Osprey Unit 1. Combined, these units account for 83% of the estimated total system net generation for the period, excluding Citrus CC. Citrus CC Units 1 and 2 were not included for the upcoming projection period since it does not meet the inclusion of performance history to use in setting targets and ranges for these units. Osprey Unit 1 was acquired by DEF in early 2017; prior to that Osprey Unit 1 was contracted for by DEF under a tolling arrangement with DEF from October 2014 through December 2016.

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

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

Q. How were the equivalent availability targets developed?

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

The supporting tables and graphs for the target and range rates are contained in pages 37-67 of my exhibit in the section entitled "Unplanned Outage Rate Tables and Graphs."

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

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

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

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

A. No.

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

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

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

A. The development of the heat rate targets and ranges for the upcoming period utilized historical data from the past three years, as described in the GPIF Implementation Manual. A "least squares" procedure was used to curve-fit the heat rate data to a linear relationship with Net Operating Factor (NOF), and ranges at a 90% confidence level were also established assuming a normal distribution. The analyses and data plots used to develop the heat rate targets and ranges for each of the GPIF units are contained in pages 24-36 of my exhibit in the section entitled "Average Net Operating Heat Rate Curves."

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

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

Q. How were the GPIF weighting factors determined?

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

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

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

Q. What is the Company's estimated maximum incentive amount for 2020?

A. The estimated maximum incentive for the Company is $10,966,895. The calculation of the estimated maximum incentive is shown on page 3 of my Exhibit No. ___ (JBD-1P).

Q. Does this conclude your testimony?

A. Yes.

GPIF Targets and Ranges for January through December 2020

STANDARD FORM GPIF SCHEDULES

Original Sheet No. 7.101.1

GENERATING PERFORMANCE INCENTIVE FACTOR

REWARD/PENALTY TABLE

ESTIMATED

Duke Energy Florida
Period of: January 2020 - December 2020

Generating Performance Incentive Points (GPIF)	Fuel Saving/Loss ($)	Generating Performance Incentive Factor ($)
10	$21,933,791	$10,966,895
9	$19,740,412	$9,870,206
8	$17,547,033	$8,773,516
7	$15,353,653	$7,676,827
6	$13,160,274	$6,580,137
5	$10,966,895	$5,483,448
4	$8,773,516	$4,386,758
3	$6,580,137	$3,290,069
2	$4,386,758	$2,193,379
1	$2,193,379	$1,096,690
0	$0	$0
-1	($2,654,018)	($1,096,690)
-2	($5,308,036)	($2,193,379)
-3	($7,962,054)	($3,290,069)
-4	($10,616,072)	($4,386,758)
-5	($13,270,090)	($5,483,448)
-6	($15,924,108)	($6,580,137)
-7	($18,578,126)	($7,676,827)
-8	($21,232,144)	($8,773,516)
-9	($23,886,162)	($9,870,206)
-10	($26,540,180)	($10,966,895)

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GENERATION PERFORMANCE INCENTIVE FACTOR

CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

ESTIMATED

Duke Energy Florida
Period of: January 2020 - December 2020

1	Beginning of period balance of common equity	$6,766,769,536	
	END OF MONTH BALANCE OF COMMON EQUITY:		
2	Month of JANUARY 2020	$6,815,814,938	
3	Month of FEBRUARY 2020	$6,856,540,263	
4	Month of MARCH 2020	$6,895,985,159	
5	Month of APRIL 2020	$6,937,015,976	
6	Month of MAY 2020	$7,001,233,688	
7	Month of JUNE 2020	$7,086,227,133	
8	Month of JULY 2020	$7,174,605,589	
9	Month of AUGUST 2020	$7,262,739,039	
10	Month of SEPTEMBER 2020	$7,345,718,380	
11	Month of OCTOBER 2020	$7,408,423,923	
12	Month of NOVEMBER 2020	$7,450,545,975	
13	Month of DECEMBER 2020	$7,503,390,729	
14	Average common equity for the period (Summation of LINE 1 through LINE 13 divided by 13)	$7,115,770,025	
15	25 Basis Points	0.0025	
16	Revenue Expansion Factor	73.1092%	
17	Maximum allowed incentive dollars (LINE 14 times LINE 15 divided by LINE 16)	$24,332,676	
18	Jurisdictional Sales	39,496,577	MWH
19	Total Sales	39,670,279	MWH
20	Jurisdictional Separation Factor (LINE 18 divided by LINE 19)	99.56%	
21	Maximum allowed jurisdictional incentive dollars (LINE 17 times LINE 20)	$24,225,613	
22	Incentive Cap (50% of Projected Fuel Savings at 10 GPIF Point Level) From Sheet No. 7.101.1	$10,966,895	
23	Maximum Allowed GPIF Reward (Lesser of Line 21 and Line 22)	$10,966,895	

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GPIF TARGET AND RANGE SUMMARY

Duke Energy Florida
Period of: January 2020 - December 2020

Plant/Unit	Weighting Factor (%)	EAF Target (%)	EAF RANGE Max. (%)	EAF RANGE Min. (%)	Max. Fuel Savings ($000)	Max. Fuel Loss ($000)
Bartow 4	7.37	88.20	92.74	79.17	1,617	(2,661)
Hines 1	0.73	87.02	89.01	82.98	160	(785)
Hines 2	0.11	90.32	91.15	88.60	25	(447)
Hines 3	0.72	93.73	94.89	91.35	159	(726)
Hines 4	3.95	83.95	87.02	77.60	866	(2,199)
Osprey 1	2.38	88.14	91.02	82.23	521	(1,136)
GPIF System	15.26				3,348	(7,954)

Plant/Unit	Weighting Factor (%)	ANOHR Target (BTU/KWH)	NOF	ANOHR RANGE Min. (BTU/KWH)	ANOHR RANGE Max. (BTU/KWH)	Max. Fuel Savings ($000)	Max. Fuel Loss ($000)
Bartow 4	30.88	7,892	72.9	7,496	8,289	6,774	(6,774)
Hines 1	12.12	7,261	88.0	6,922	7,600	2,659	(2,659)
Hines 2	8.83	7,410	83.9	7,159	7,660	1,937	(1,937)
Hines 3	9.52	7,266	80.5	7,019	7,514	2,089	(2,089)
Hines 4	7.34	6,982	91.7	6,801	7,162	1,611	(1,611)
Osprey 1	16.03	7,291	58.6	6,717	7,866	3,517	(3,517)
GPIF System	84.74					18,586	(18,586)

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

Duke Energy Florida
Period of: January 2020 - December 2020

Plant/Unit	Target Wt. Factor	Norm. Wt. Factor	Target POF	Target EUOF	Target EUOR	Actual Performance 1st Prior Period Jan-Jun 2019 POF	Actual Performance 1st Prior Period Jan-Jun 2019 EUOF	Actual Performance 1st Prior Period Jan-Jun 2019 EUOR	Actual Performance 2nd Prior Period Jan-Dec 2018 POF	Actual Performance 2nd Prior Period Jan-Dec 2018 EUOF	Actual Performance 2nd Prior Period Jan-Dec 2018 EUOR
Bartow 4	7.37	48.30	2.05	9.75	9.75	1.63	8.03	8.70	1.86	6.00	6.33
Hines 1	0.73	4.77	8.74	4.24	5.08	9.02	11.92	14.93	6.68	3.56	4.23
Hines 2	0.11	0.74	7.92	1.76	2.20	0.00	0.27	0.34	5.03	1.52	1.78
Hines 3	0.72	4.74	3.83	2.44	2.67	0.00	0.80	0.95	8.59	0.90	1.10
Hines 4	3.95	25.88	9.56	6.48	7.37	0.00	0.10	0.11	6.71	1.28	1.51
Osprey 1	2.38	15.57	5.74	6.12	7.50	19.87	1.99	4.26	12.08	5.25	8.97
GPIF System Wghtd. Avg.	15.26	100.00	5.01	7.67	8.17	4.31	4.83	5.65	5.28	4.27	5.11

Plant/Unit	Actual Performance 3rd Prior Period Jan-Dec 2017 POF	Actual Performance 3rd Prior Period Jan-Dec 2017 EUOF	Actual Performance 3rd Prior Period Jan-Dec 2017 EUOR	Actual Performance 4th Prior Period Jan-Dec 2016 POF	Actual Performance 4th Prior Period Jan-Dec 2016 EUOF	Actual Performance 4th Prior Period Jan-Dec 2016 EUOR	Actual Performance 5th Prior Period Jan-Dec 2015 POF	Actual Performance 5th Prior Period Jan-Dec 2015 EUOF	Actual Performance 5th Prior Period Jan-Dec 2015 EUOR
Bartow 4	1.43	10.97	11.43	10.34	8.02	9.11	8.21	3.89	4.33
Hines 1	7.71	3.08	3.57	10.11	1.78	2.02	15.13	1.29	1.55
Hines 2	7.93	0.61	0.74	8.73	3.81	4.43	0.00	45.82	46.11
Hines 3	7.71	3.08	3.57	10.11	1.78	2.02	15.13	1.29	1.55
Hines 4	7.93	0.61	0.74	8.73	3.81	4.43	0.00	45.82	46.11
Osprey 1	31.86	3.30	6.63	11.30	1.21	1.61			
GPIF System Wghtd. Avg.	8.50	6.27	7.09	10.04	5.24	6.02	5.41	14.20	14.51

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

Duke Energy Florida
Period of: January 2020 - December 2020

Plant/Unit	Target Wt. Factor	Norm. Wt. Factor	Average Heat Rate Target	1st Prior HR Jan 2018 - Dec 2018	2nd Prior HR Jan 2017 - Dec 2017	3rd Prior HR Jan 2016 - Dec 2016
Bartow 4	30.88	36.45	7,892	7,907	8,003	7,910
Hines 1	12.12	14.31	7,261	7,369	7,253	7,139
Hines 2	8.83	10.42	7,410	7,397	7,436	7,352
Hines 3	9.52	11.24	7,266	7,339	7,189	7,281
Hines 4	7.34	8.67	6,982	6,961	7,013	7,015
Osprey 1	16.03	18.92	7,291	7,401	7,137	7,303
			-	-	-	-
			-	-	-	-
			-	-	-	-
			-	-	-	-
			-	-	-	-
			-	-	-	-
GPIF System Weighted Avg.	84.74	100.00	7,489	7,535	7,496	7,231

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DERIVATION OF WEIGHTING FACTORS

Duke Energy Florida
Period of: January 2020 - December 2020

Unit Performance Indicator	Production Costing Simulation Fuel Cost ($000) At Target (1)	At Maximum Improvement (2)	Savings (3)	Weighting Factor (% of Savings)
Bartow 4 EAF	1,795,013	1,793,396	1,617	7.37
Bartow 4 HR	1,795,013	1,788,239	6,774	30.88
Hines 1 EAF	1,795,013	1,794,853	160	0.73
Hines 1 HR	1,795,013	1,792,354	2,659	12.12
Hines 2 EAF	1,795,013	1,794,988	25	0.11
Hines 2 HR	1,795,013	1,793,076	1,937	8.83
Hines 3 EAF	1,795,013	1,794,854	159	0.72
Hines 3 HR	1,795,013	1,792,924	2,089	9.52
Hines 4 EAF	1,795,013	1,794,146	866	3.95
Hines 4 HR	1,795,013	1,793,402	1,611	7.34
Osprey 1 EAF	1,795,013	1,794,491	521	2.38
Osprey 1 HR	1,795,013	1,791,496	3,517	16.03

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 2020 - December 2020

Bartow 4

Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)
10	$1,617,134	92.74	10	$6,773,688	7,495.6
9	$1,455,421	92.29	9	$6,096,319	7,527.8
8	$1,293,707	91.83	8	$5,418,950	7,559.9
7	$1,131,994	91.38	7	$4,741,581	7,592.1
6	$970,280	90.93	6	$4,064,213	7,624.2
5	$808,567	90.47	5	$3,386,844	7,656.4
4	$646,854	90.02	4	$2,709,475	7,688.5
3	$485,140	89.56	3	$2,032,106	7,720.6
2	$323,427	89.11	2	$1,354,738	7,752.8
1	$161,713	88.66	1	$677,369	7,784.9
					7,817.1
0	$0	88.20	0	$0	7,892.1
					7,967.1
-1	($266,112)	87.30	-1	($677,369)	7,999.2
-2	($532,225)	86.40	-2	($1,354,738)	8,031.4
-3	($798,337)	85.49	-3	($2,032,106)	8,063.5
-4	($1,064,450)	84.59	-4	($2,709,475)	8,095.6
-5	($1,330,562)	83.69	-5	($3,386,844)	8,127.8
-6	($1,596,675)	82.78	-6	($4,064,213)	8,159.9
-7	($1,862,787)	81.88	-7	($4,741,581)	8,192.1
-8	($2,128,899)	80.98	-8	($5,418,950)	8,224.2
-9	($2,395,012)	80.07	-9	($6,096,319)	8,256.4
-10	($2,661,124)	79.17	-10	($6,773,688)	8,288.5

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
8.41%	35.24%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida

Period of: January 2020 - December 2020

Hines 1

Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)
10	$159,805	89.01	10	$2,659,112	6,921.9
9	$143,825	88.81	9	$2,393,201	6,948.3
8	$127,844	88.61	8	$2,127,289	6,974.7
7	$111,864	88.41	7	$1,861,378	7,001.1
6	$95,883	88.21	6	$1,595,467	7,027.5
5	$79,903	88.01	5	$1,329,556	7,053.9
4	$63,922	87.82	4	$1,063,645	7,080.3
3	$47,942	87.62	3	$797,734	7,106.7
2	$31,961	87.42	2	$531,822	7,133.1
1	$15,981	87.22	1	$265,911	7,159.5
					7,185.9
0	$0	87.02	0	$0	7,260.9
					7,335.9
-1	($78,466)	86.62	-1	($265,911)	7,362.3
-2	($156,933)	86.21	-2	($531,822)	7,388.7
-3	($235,399)	85.81	-3	($797,734)	7,415.1
-4	($313,865)	85.40	-4	($1,063,645)	7,441.5
-5	($392,331)	85.00	-5	($1,329,556)	7,467.9
-6	($470,798)	84.60	-6	($1,595,467)	7,494.3
-7	($549,264)	84.19	-7	($1,861,378)	7,520.7
-8	($627,730)	83.79	-8	($2,127,289)	7,547.1
-9	($706,196)	83.38	-9	($2,393,201)	7,573.5
-10	($784,663)	82.98	-10	($2,659,112)	7,600.0

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
0.83%	13.83%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida

Period of: January 2020 - December 2020

Hines 2

Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)
10	$24,620	91.15	10	$1,936,965	7,159.2
9	$22,158	91.07	9	$1,743,269	7,176.7
8	$19,696	90.98	8	$1,549,572	7,194.3
7	$17,234	90.90	7	$1,355,876	7,211.8
6	$14,772	90.82	6	$1,162,179	7,229.4
5	$12,310	90.74	5	$968,483	7,246.9
4	$9,848	90.65	4	$774,786	7,264.4
3	$7,386	90.57	3	$581,090	7,282.0
2	$4,924	90.49	2	$387,393	7,299.5
1	$2,462	90.40	1	$193,697	7,317.1
					7,334.6
0	$0	90.32	0	$0	7,409.6
					7,484.6
-1	($44,740)	90.15	-1	($193,697)	7,502.2
-2	($89,481)	89.98	-2	($387,393)	7,519.7
-3	($134,221)	89.80	-3	($581,090)	7,537.2
-4	($178,962)	89.63	-4	($774,786)	7,554.8
-5	($223,702)	89.46	-5	($968,483)	7,572.3
-6	($268,442)	89.29	-6	($1,162,179)	7,589.9
-7	($313,183)	89.12	-7	($1,355,876)	7,607.4
-8	($357,923)	88.95	-8	($1,549,572)	7,625.0
-9	($402,664)	88.77	-9	($1,743,269)	7,642.5
-10	($447,404)	88.60	-10	($1,936,965)	7,660.0

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
0.13%	10.08%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida

Period of: January 2020 - December 2020

Hines 3

Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)
10	$158,699	94.89	10	$2,088,568	7,018.6
9	$142,829	94.77	9	$1,879,711	7,035.9
8	$126,959	94.66	8	$1,670,854	7,053.1
7	$111,089	94.54	7	$1,461,997	7,070.4
6	$95,219	94.43	6	$1,253,141	7,087.6
5	$79,349	94.31	5	$1,044,284	7,104.9
4	$63,479	94.19	4	$835,427	7,122.1
3	$47,610	94.08	3	$626,570	7,139.4
2	$31,740	93.96	2	$417,714	7,156.6
1	$15,870	93.85	1	$208,857	7,173.9
					7,191.2
0	$0	93.73	0	$0	7,266.2
					7,341.2
-1	($72,598)	93.50	-1	($208,857)	7,358.4
-2	($145,197)	93.26	-2	($417,714)	7,375.7
-3	($217,795)	93.02	-3	($626,570)	7,392.9
-4	($290,393)	92.78	-4	($835,427)	7,410.2
-5	($362,991)	92.54	-5	($1,044,284)	7,427.4
-6	($435,590)	92.30	-6	($1,253,141)	7,444.7
-7	($508,188)	92.06	-7	($1,461,997)	7,461.9
-8	($580,786)	91.83	-8	($1,670,854)	7,479.2
-9	($653,384)	91.59	-9	($1,879,711)	7,496.4
-10	($725,983)	91.35	-10	($2,088,568)	7,513.7

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
0.83%	10.86%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida

Period of: January 2020 - December 2020

Hines 4

Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)
10	$866,344	87.02	10	$1,610,787	6,801.1
9	$779,709	86.71	9	$1,449,708	6,811.7
8	$693,075	86.40	8	$1,288,630	6,822.2
7	$606,441	86.10	7	$1,127,551	6,832.8
6	$519,806	85.79	6	$966,472	6,843.3
5	$433,172	85.49	5	$805,393	6,853.8
4	$346,537	85.18	4	$644,315	6,864.4
3	$259,903	84.87	3	$483,236	6,874.9
2	$173,269	84.57	2	$322,157	6,885.5
1	$86,634	84.26	1	$161,079	6,896.0
					6,906.5
0	$0	83.95	0	$0	6,981.5
					7,056.5
-1	($219,873)	83.32	-1	($161,079)	7,067.1
-2	($439,746)	82.68	-2	($322,157)	7,077.6
-3	($659,619)	82.05	-3	($483,236)	7,088.1
-4	($879,491)	81.41	-4	($644,315)	7,098.7
-5	($1,099,364)	80.78	-5	($805,393)	7,109.2
-6	($1,319,237)	80.14	-6	($966,472)	7,119.8
-7	($1,539,110)	79.51	-7	($1,127,551)	7,130.3
-8	($1,758,983)	78.87	-8	($1,288,630)	7,140.8
-9	($1,978,856)	78.24	-9	($1,449,708)	7,151.4
-10	($2,198,729)	77.60	-10	($1,610,787)	7,161.9

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
4.51%	8.38%

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida

Period of: January 2020 - December 2020

Osprey 1

Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)
10	$521,293	91.02	10	$806,829	7,395.6
9	$469,164	90.73	9	$726,146	7,401.7
8	$417,035	90.45	8	$645,463	7,407.8
7	$364,905	90.16	7	$564,781	7,413.9
6	$312,776	89.87	6	$484,098	7,420.1
5	$260,647	89.58	5	$403,415	7,426.2
4	$208,517	89.29	4	$322,732	7,432.3
3	$156,388	89.01	3	$242,049	7,438.4
2	$104,259	88.72	2	$161,366	7,444.5
1	$52,129	88.43	1	$80,683	7,450.7
					7,456.8
0	$0	88.14	0	$0	7,531.8
					7,606.8
-1	($113,638)	87.55	-1	($80,683)	7,612.9
-2	($227,276)	86.96	-2	($161,366)	7,619.0
-3	($340,915)	86.37	-3	($242,049)	7,625.1
-4	($454,553)	85.78	-4	($322,732)	7,631.3
-5	($568,191)	85.19	-5	($403,415)	7,637.4
-6	($681,829)	84.60	-6	($484,098)	7,643.5
-7	($795,467)	84.01	-7	($564,781)	7,649.6
-8	($909,106)	83.42	-8	($645,463)	7,655.7
-9	($1,022,744)	82.82	-9	($726,146)	7,661.9
-10	($1,136,382)	82.23	-10	($806,829)	7,668.0

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
2.71%	4.20%

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UNIT PERFORMANCE DATA

Original Sheet No. 7.107.1

EST MATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2020 - December 2020

PLANT/UNIT **Bartow 4**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	90.25	88.53	67.67	90.25	90.25	90 25	90 25	90.25	90.25	90.25	90.25	90 25	88.20
2. POF	0.00	1.72	22.58	0 00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0 00	2.05
3. EUOF	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75
4. EUOR	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75	9.75
5. PH	744	696	744	720	744	720	744	744	720	744	720	744	8,784
6. SH	680.4	636.5	680.4	658.4	680.4	658.4	680.4	680.4	658.4	680.4	658.4	680.4	8,033 0
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	63.6	59.5	63 6	61.6	63 6	61.6	63.6	63 6	61.6	63.6	61 6	63.6	751 0
9. POH & PPOH	0.0	12.0	168 0	0.0	0 0	0.0	0.0	0 0	0.0	0.0	0 0	0.0	180 0
10. FOH & PFOH	56.5	52.8	56 5	54.7	56 5	54.7	56.5	56 5	54.7	56.5	54.7	56.5	666 8
11. MOH & PMOH	16.0	15.0	16 0	15.5	16 0	15.5	16.0	16 0	15.5	16.0	15 5	16.0	189.4
12. Oper. Btu(MBtu)	3,980,826	3,847,133	3,723,091	4,311,035	4,508,787	4,590,602	4,893,574	4,749,778	4,491,544	4,994,748	4,473,240	4,170,027	52,856,548
13. Net Gen. (MWH)	490,456 0	477,400.0	452,520 0	545,531.0	572,392 0	591,236.0	636,340.0	611,974 0	574,804.0	653,847.0	571,797 0	519,126.0	6,697,423 0
14. ANOHR (Btu/KWH)	8,117	8,059	8,227	7,902	7,877	7,764	7,690	7,761	7,814	7,639	7,823	8,033	7,892
15. NOF (%)	63.0	65.5	58.1	72.4	73 5	78.5	81.7	78 6	76.3	84.0	75 9	66.7	72 9
16. NSC (MW)	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144
17. ANOHR Equation	ANOHR=	-22.758 x NOF +		9,550.1									

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EST MATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2020 - December 2020

PLANT/UNIT **Hines 1**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	96.45	96.26	95.19	9.55	79.85	94 97	94 98	94.98	94.98	95.57	94.99	95 36	87.02
2. POF	0.00	0.00	0.00	90.00	16.13	0.00	0 00	0.00	0.00	0.00	0.00	0 00	8.74
3. EUOF	3.55	3.74	4.81	0.45	4.02	5.03	5 02	5.02	5.02	4.43	5.01	4 64	4.24
4. EUOR	5.08	5.08	5.08	5 08	5.08	5.08	5 08	5.08	5.08	5.08	5.08	5 08	5.08
5. PH	744	696	744	720	744	720	744	744	720	744	720	744	8,784
6. SH	496 8	489.5	672.4	61.5	562 2	679.6	701.7	701 2	678.8	618 9	678.1	648.7	6,989.4
7. RSH	223.4	183.0	39.4	7.6	34 8	7.8	8.6	9 2	8.6	95.4	9.4	64.2	691.4
8. UH	23.8	23.5	32 2	650.9	147 0	32.6	33.7	33 6	32.6	29.7	32 5	31.1	1103 2
9. POH & PPOH	0.0	0.0	0 0	648.0	120 0	0.0	0.0	0 0	0.0	0.0	0 0	0.0	768 0
10. FOH & PFOH	11.0	10.8	14 8	1.4	12.4	15.0	15.5	15 5	15.0	13.7	15 0	14.3	154 2
11. MOH & PMOH	15.5	15.3	21 0	1.9	17 5	21.2	21.9	21 9	21.2	19.3	21.1	20.2	217 9
12. Oper. Btu(MBtu)	1,459,041	1,482,416	2,115,274	189,575	1,630,845	2,082,508	2,181,885	2,152,032	2,103,899	1,996,610	2,318,368	2,148,805	21,874,926
13. Net Gen. (MWH)	198,106 0	202,623.0	291,685 0	26,021.0	220,856 0	285,406.0	300,033.0	295,042 0	289,092.0	277,017.0	326,651 0	300,168.0	3,012,700 0
14. ANOHR (Btu/KWH)	7,365	7,316	7,252	7,285	7,384	7,297	7,272	7,294	7,278	7,208	7,097	7,159	7,261
15. NOF (%)	81.4	84.5	88 5	86.4	80 2	85.7	87.3	85 9	86.9	91.3	98 3	94.4	88 0
16. NSC (MW)	490	490	490	490	490	490	490	490	490	490	490	490	490
17. ANOHR Equation	ANOHR=	-15.806 x NOF +		8,651.3									

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EST MATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2020 - December 2020

PLANT/UNIT **Hines 2**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	98.77	97.04	23.70	81.60	97.92	97 81	97 80	97.84	97.81	97.89	97.98	98 55	90.32
2. POF	0.00	1.72	75.81	16.67	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0 00	7.92
3. EUOF	1.23	1.24	0.49	1.73	2.08	2.19	2 20	2.16	2.19	2.11	2.02	1.45	1.76
4. EUOR	2.20	2.20	2.20	2 20	2.20	2.20	2 20	2.20	2.20	2.20	2.20	2 20	2.20
5. PH	744	696	744	720	744	720	744	744	720	744	720	744	8,784
6. SH	407 6	382.3	162 8	554.2	688.4	699.6	726.2	713.1	701.5	696 3	645.1	480.1	6,857 3
7. RSH	328 0	305.8	193 8	34.4	41.4	6.0	2.8	16 2	4.0	33.4	61 6	254.0	1281.4
8. UH	8.4	7.9	387.4	131.4	14 2	14.4	15.0	14.7	14.5	14.3	13 3	9.9	645 3
9. POH & PPOH	0.0	12.0	564 0	120.0	0 0	0.0	0.0	0 0	0.0	0.0	0 0	0.0	696 0
10. FOH & PFOH	5.6	5.2	2 2	7.6	9.4	9.6	9.9	9 8	9.6	9.5	8 8	6.6	93 8
11. MOH & PMOH	3.6	3.4	1.4	4.9	6.1	6.2	6.4	6 3	6.2	6.1	5.7	4.2	60.4
12. Oper. Btu(MBtu)	1,152,290	1,141,717	325,184	1,753,057	2,148,775	2,342,603	2,495,097	2,424,863	2,380,826	2,444,793	2,199,009	1,496,270	22,325,972
13. Net Gen. (MWH)	152,953 0	152,471.0	41,896 0	235,729.0	288,465 0	317,333.0	339,184.0	329,165 0	323,099.0	333,377 0	298,607.0	200,831.0	3,013,110 0
14. ANOHR (Btu/KWH)	7,534	7,488	7,762	7,437	7,449	7,382	7,356	7,367	7,369	7,333	7,364	7,450	7,410
15. NOF (%)	71.6	76.1	49.1	81.2	80 0	86.6	89.1	88.1	87.9	91.4	88 3	79.8	83 9
16. NSC (MW)	524	524	524	524	524	524	524	524	524	524	524	524	524
17. ANOHR Equation	ANOHR=	-10.130 x NOF +		8,259.0									

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EST MATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2020 - December 2020

PLANT/UNIT **Hines 3**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	97.98	97.67	97.43	97.36	97.35	97 35	97 34	97.33	97.38	53.43	97.36	97 56	93.73
2. POF	0.00	0.00	0.00	0 00	0.00	0.00	0 00	0.00	0.00	45.16	0.00	0 00	3.83
3. EUOF	2.02	2.33	2.57	2 64	2.65	2.65	2 66	2.67	2.62	1.41	2.64	2.44	2.44
4. EUOR	2.67	2.67	2.67	2 67	2.67	2.67	2 67	2.67	2.67	2.67	2.67	2 67	2.67
5. PH	744	696	744	720	744	720	744	744	720	744	720	744	8,784
6. SH	549 2	593.3	699 3	695.8	721 3	698.1	724.1	725 0	690.3	382 9	695.0	664.3	7,838.7
7. RSH	181 2	88.0	27.4	7.0	4 8	4.6	2.0	1 0	12.6	15.6	7 8	63.2	415 2
8. UH	13.6	14.7	17 3	17.2	17 9	17.3	17.9	18 0	17.1	345 5	17 2	16.5	530.1
9. POH & PPOH	0.0	0.0	0 0	0.0	0 0	0.0	0.0	0 0	0.0	336.0	0 0	0.0	336 0
10. FOH & PFOH	10.6	11.5	13 5	13.4	13 9	13.5	14.0	14 0	13.3	7.4	13.4	12.8	151 5
11. MOH & PMOH	4.4	4.8	5 6	5.6	5 8	5.6	5.8	5 8	5.5	3.1	5 6	5.3	62 9
12. Oper. Btu(MBtu)	1,641,548	1,708,287	2,060,407	1,940,795	2,077,944	2,093,380	2,322,984	2,270,881	2,126,437	1,200,669	2,219,040	1,943,983	23,621,229
13. Net Gen. (MWH)	225,441 0	232,438.0	281,938 0	262,131.0	282,769 0	287,732.0	325,314.0	315,819 0	294,372.0	167,034.0	310,320 0	265,550.0	3,250,858 0
14. ANOHR (Btu/KWH)	7,281	7,349	7,308	7,404	7,349	7,275	7,141	7,190	7,224	7,188	7,151	7,321	7,266
15. NOF (%)	79.7	76.1	78 3	73.2	76.1	80.0	87.2	84 6	82.8	84.7	86.7	77.6	80 5
16. NSC (MW)	515	515	515	515	515	515	515	515	515	515	515	515	515
17. ANOHR Equation	ANOHR=	-18.685 x NOF +		8,770.8									

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EST MATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2020 - December 2020

PLANT/UNIT **Hines 4**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	92.77	92.76	93.06	92.68	92.79	92 69	93 02	92.81	92.85	89.87	0.00	80 85	83.95
2. POF	0.00	0.00	0.00	0 00	0.00	0.00	0 00	0.00	0.00	3.23	100.00	12 90	9.56
3. EUOF	7.23	7.24	6.94	7 32	7.21	7.31	6 98	7.19	7.15	6.90	0.00	6 24	6.48
4. EUOR	7.37	7.37	7.37	7 37	7.37	7.37	7 37	7.37	7.37	7.37	0.00	7 37	7.37
5. PH	744	696	744	720	744	720	744	744	720	744	720	744	8,784
6. SH	677 8	635.1	650.7	663.7	675.4	663.2	654.2	674 3	648.5	646 8	0 0	585.3	7,175.1
7. RSH	14.0	12.0	43 2	5.2	16 6	5.8	39.4	17 8	21.6	23.4	0 0	17.6	216 6
8. UH	52.2	48.9	50.1	51.1	52 0	51.0	50.4	51 9	49.9	73.8	720 0	141.1	1392 3
9. POH & PPOH	0.0	0.0	0 0	0.0	0 0	0.0	0.0	0 0	0.0	24.0	720 0	96.0	840 0
10. FOH & PFOH	50.3	47.2	48 3	49.3	50 2	49.3	48.6	50.1	48.2	48.0	0 0	43.5	532 9
11. MOH & PMOH	3.5	3.2	3 3	3.4	3.4	3.4	3.3	3.4	3.3	3.3	0 0	3.0	36 6
12. Oper. Btu(MBtu)	2,237,112	2,092,843	2,154,302	2,195,697	2,162,555	2,228,297	2,149,476	2,197,987	2,110,617	2,191,789	-	1,984,570	23,705,845
13. Net Gen. (MWH)	320,404 0	299,701.0	308,626 0	314,536.0	308,937 0	319,638.0	307,733.0	314,468 0	301,929.0	314,635.0	-	284,902.0	3,395,509 0
14. ANOHR (Btu/KWH)	6,982	6,983	6,980	6,981	7,000	6,971	6,985	6,990	6,990	6,966	-	6,966	6,982
15. NOF (%)	91.6	91.5	91 9	91.8	88 6	93.4	91.2	90.4	90.2	94.3	0 0	94.3	91.7
16. NSC (MW)	516	516	516	516	516	516	516	516	516	516	516	516	516
17. ANOHR Equation	ANOHR=	-6.017 x NOF +		7,533.3									

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EST MATED UNIT PERFORMANCE DATA

Duke Energy Florida
Period of: January 2020 - December 2020

PLANT/UNIT **Osprey 1**	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
1. EAF	92.68	92.66	39.47	84.14	93.50	93 37	93.13	93.34	93.23	93.56	93.69	95 61	88.14
2. POF	0.00	0.00	58.06	10.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0 00	5.74
3. EUOF	7.32	7.34	2.46	5 86	6.50	6.63	6 87	6.66	6.77	6.44	6.31	4 39	6.12
4. EUOR	7.50	7.50	7.50	7 50	7.50	7.50	7 50	7.50	7.50	7.50	7.50	7 50	7.50
5. PH	744	696	744	720	744	720	744	744	720	744	720	744	8,784
6. SH	671 6	630.5	226.1	520.8	596 6	588.9	630.7	611 6	601.1	590.7	560.4	402.6	6,631.4
7. RSH	18.0	14.4	67 6	85.0	99 0	83.4	62.2	82 8	70.2	105.4	114.2	308.8	1111 0
8. UH	54.4	51.1	450 3	114.2	48.4	47.7	51.1	49 6	48.7	47.9	45.4	32.6	1041 6
9. POH & PPOH	0.0	0.0	432 0	72.0	0 0	0.0	0.0	0 0	0.0	0.0	0 0	0.0	504 0
10. FOH & PFOH	7.6	7.1	2 6	5.9	6 8	6.7	7.1	6 9	6.8	6.7	6.4	4.6	75 2
11. MOH & PMOH	46.8	44.0	15 8	36.3	41 6	41.1	44.0	42.7	41.9	41.2	39.1	28.1	462 5
12. Oper. Btu(MBtu)	1,511,893	1,424,681	551,196	1,334,818	1,574,771	1,567,505	1,823,059	1,665,519	1,664,375	1,632,851	1,396,545	872,957	17,036,276
13. Net Gen. (MWH)	198,027 0	186,669.0	72,769 0	177,179.0	209,731 0	208,971.0	245,556.0	222,643 0	222,948.0	218,678.0	184,802 0	113,946.0	2,261,919 0
14. ANOHR (Btu/KWH)	7,635	7,632	7,575	7,534	7,509	7,501	7,424	7,481	7,465	7,467	7,557	7,661	7,532
15. NOF (%)	50.7	50.9	55 3	58.5	60.4	61.0	66.9	62 5	63.7	63.6	56.7	48.6	58 6
16. NSC (MW)	582	582	582	582	582	582	582	582	582	582	582	582	582
17. ANOHR Equation	ANOHR=	-12.972 x NOF +		8,292.0									

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PLANNED OUTAGE SCHEDULES

Duke Energy Florida
Period of: January 2020 - December 2020

Plant/Unit	Planned Outage Dates	Reason for Outage
Bartow 4	02/29 (0001) - 03/07 (2400)	2x0 first 8 days, 2x1 for balance, STM condenser cleaning, L-0 inspection, replace F91 delam valves, boroscopes A&C, B&D
Bartow 4	03/08 (0001) - 03/14 (2400)	2x0 first 8 days, 2x1 for balance, STM condenser cleaning, L-0 inspection, replace F91 delam valves, boroscopes A&C, B&D
Hines 1	04/04 (0001) - 04/24 (2400)	Full block BOP, ST-V
Hines 2	02/29 (0001) - 03/20 (2400)	BOP, ST-2 Gen MEDIUM robotic (per Fischli), ST-V, L-0 inspection
Hines 2	03/16 (0001) - 04/05 (2400)	Full block BOP last 21, CT MI/Rotor EOL (A&B),Gen Minor (A&B), BOP, ST-2 Gen MEDIUM (per Fischli), ST-V
Hines 3	10/03 (0001) - 10/16 (2400)	BOP, L-0 inspection
Hines 4	10/31 (0001) - 12/04 (2400)	BOP,Gen. Minor (B,ST), ST-V, Controls Upgrade
Osprey 1	03/14 (0001) - 04/03 (2400)	BOP

AVERAGE NET OPERATING HEAT RATE CURVES

DUKE ENERGY FLORIDA

Bartow Unit 4

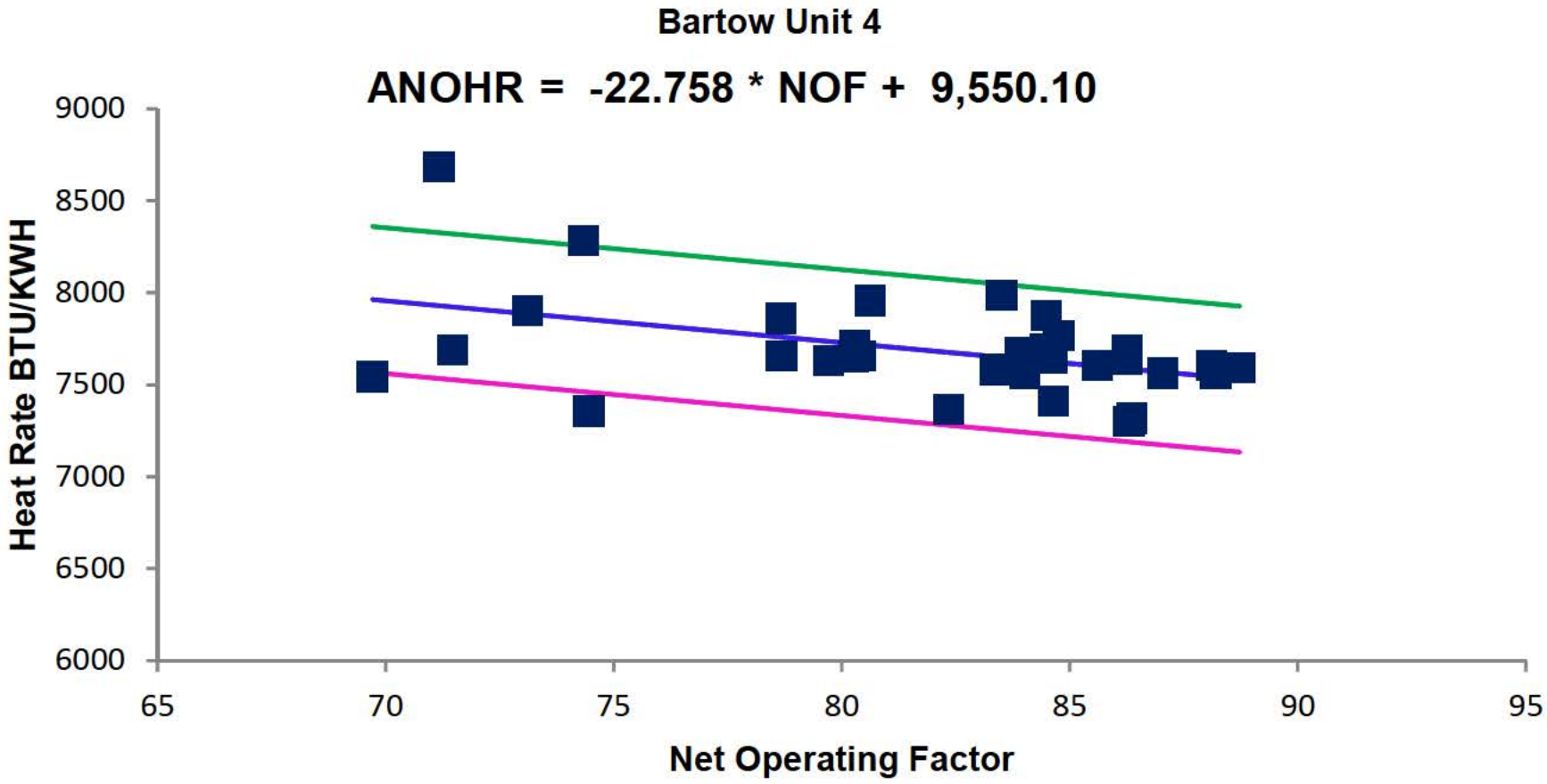
ANOHR = -22.758 * NOF + 9,550.10

TABLE OF RESIDUALS

DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-16	86.3	7,303	7,586	-283.3	396.4
Aug-16	86.4	7,319	7,585	-265.6	396.4
Sep-16	84.7	7,414	7,624	-210.1	396.4
Oct-16	71.2	8,686	7,930	755.5	396.4
Dec-16	74.5	7,357	7,855	-498.2	396.4
Jan-17	82.4	7,367	7,676	-309.1	396.4
Apr-17	74.3	8,284	7,858	425.6	396.4
May-17	85.6	7,607	7,602	5.6	396.4
Jun-17	87.0	7,565	7,569	-4.2	396.4
Jul-17	86.3	7,685	7,587	98.4	396.4
Aug-17	88.1	7,604	7,545	59.5	396.4
Sep-17	84.5	7,877	7,627	249.7	396.4
Oct-17	84.8	7,767	7,621	146.2	396.4
Nov-17	78.7	7,862	7,760	102.1	396.4
Dec-17	83.5	7,990	7,650	340.4	396.4
Jan-18	80.4	7,658	7,720	-61.9	396.4
Feb-18	80.3	7,655	7,724	-68.9	396.4
Mar-18	80.3	7,715	7,723	-8.1	396.4
Apr-18	88.7	7,593	7,531	62.6	396.4
May-18	80.6	7,958	7,715	243.0	396.4
Jun-18	84.0	7,563	7,638	-74.8	396.4
Jul-18	84.5	7,694	7,628	65.7	396.4
Aug-18	83.9	7,677	7,640	36.9	396.4
Sep-18	86.3	7,638	7,587	51.2	396.4
Oct-18	88.2	7,558	7,543	14.9	396.4
Nov-18	84.6	7,647	7,625	22.0	396.4
Dec-18	78.7	7,657	7,759	-102.0	396.4
Jan-19	79.7	7,632	7,736	-103.7	396.4
Feb-19	71.5	7,689	7,924	-234.4	396.4
Mar-19	69.7	7,545	7,963	-418.5	396.4
Apr-19	73.1	7,902	7,886	16.2	396.4
May-19	83.4	7,583	7,653	-69.9	396.4
Jun-19	84.0	7,655	7,638	17.2	396.4

Regression Output:

Constant	9550.10
Std Err of Y Est	244.7313907
R Squared	0.199487137
No. of Observations	33
Degrees of Freedom	31
X Coefficient	-22.75821475
Std Err of Coef.	8.188117255


Bartow Unit 4
ANOHR = -22.758 * NOF + 9,550.10
Heat Rate BTU/KWH
9000
8500
8000
7500
7000
6500
6000
65
70
75
80
85
90
95
Net Operating Factor

DUKE ENERGY FLORIDA

Hines Unit 1

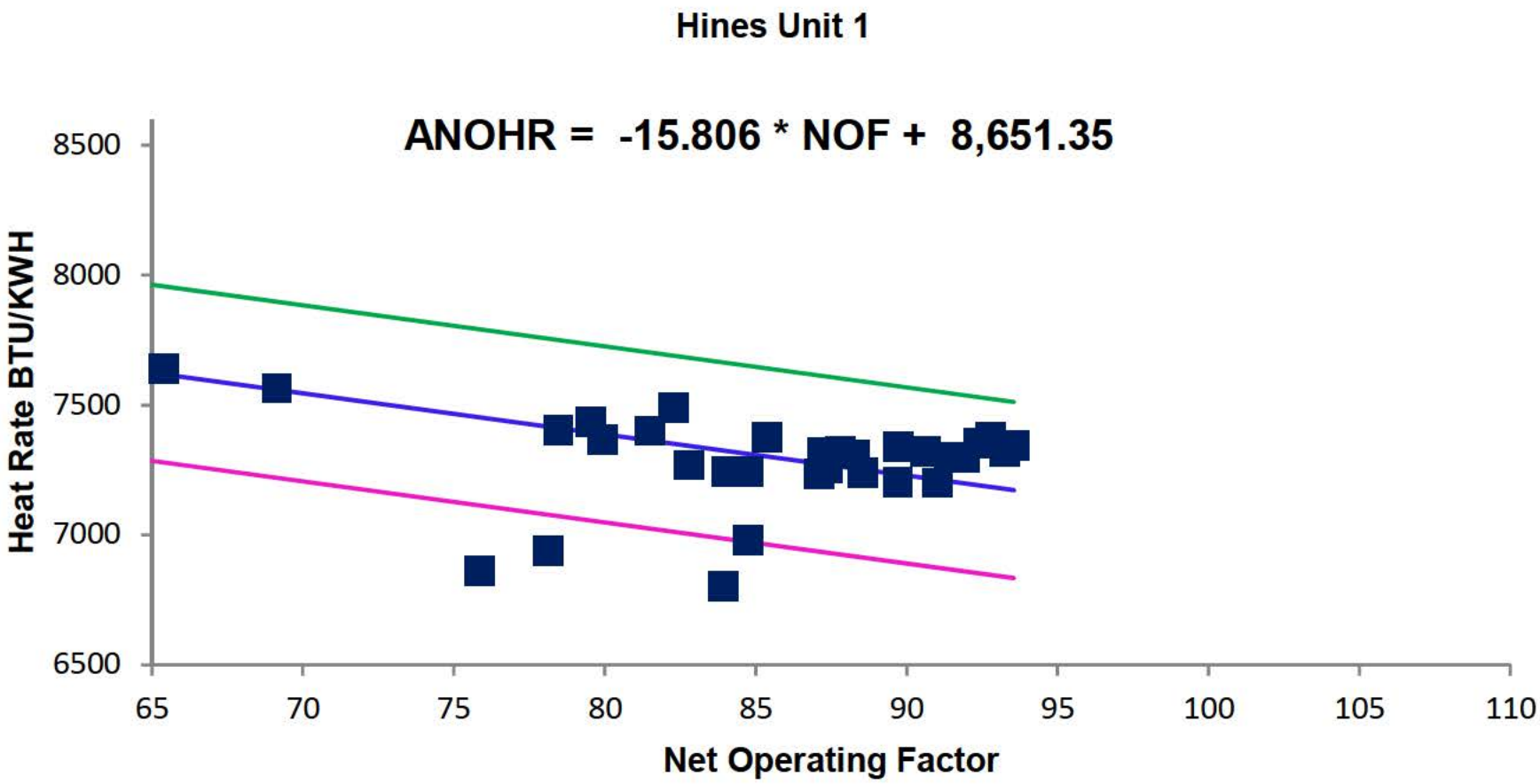
ANOHR = -15.806 * NOF + 8,651.35

TABLE OF RESIDUALS

DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-16	84.1	7,243	7,323	-79.5	339.0
Aug-16	87.1	7,236	7,275	-38.5	339.0
Sep-16	84.8	7,244	7,312	-67.6	339.0
Oct-16	83.9	6,803	7,325	-521.6	339.0
Nov-16	84.7	6,980	7,312	-332.0	339.0
Dec-16	78.1	6,938	7,416	-477.9	339.0
Jan-17	75.8	6,861	7,453	-592.1	339.0
Feb-17	87.4	7,256	7,270	-14.0	339.0
Mar-17	89.7	7,204	7,233	-29.6	339.0
May-17	59.7	8,071	7,708	362.3	339.0
Jun-17	79.9	7,368	7,388	-19.6	339.0
Jul-17	85.4	7,377	7,302	75.1	339.0
Aug-17	88.3	7,310	7,256	54.5	339.0
Sep-17	88.6	7,240	7,251	-11.3	339.0
Oct-17	89.7	7,338	7,233	105.1	339.0
Dec-17	78.5	7,403	7,411	-8.4	339.0
Jan-18	91.0	7,201	7,212	-11.6	339.0
Feb-18	91.4	7,301	7,207	94.2	339.0
Mar-18	92.4	7,354	7,191	162.8	339.0
Apr-18	91.9	7,300	7,198	101.7	339.0
May-18	87.8	7,323	7,264	59.2	339.0
Jun-18	92.8	7,379	7,185	194.0	339.0
Jul-18	93.6	7,343	7,173	170.1	339.0
Aug-18	90.6	7,321	7,219	101.6	339.0
Sep-18	93.3	7,319	7,177	142.3	339.0
Oct-18	87.2	7,318	7,273	44.9	339.0
Nov-18	82.8	7,270	7,343	-72.7	339.0
Dec-18	62.7	7,969	7,660	308.4	339.0
Jan-19	65.4	7,642	7,618	24.6	339.0
Feb-19	81.5	7,401	7,363	38.3	339.0
Mar-19	79.6	7,437	7,394	42.7	339.0
Apr-19	69.1	7,566	7,559	7.0	339.0
May-19	82.3	7,489	7,351	138.1	339.0
Jun-19	81.0	7,420	7,371	49.3	339.0

Regression Output:

Constant	8651.35
Std Err of Y Est	209.206493
R Squared	0.307098717
No. of Observations	34
Degrees of Freedom	32
X Coefficient	-15.80641591
Std Err of Coef.	4.197155864


Hines Unit 1
ANOHR = -15.806 * NOF + 8,651.35
Heat Rate BTU/KWH
8500
8000
7500
7000
6500
65
70
75
80
85
90
95
100
105
110
Net Operating Factor

DUKE ENERGY FLORIDA

Hines Unit 2

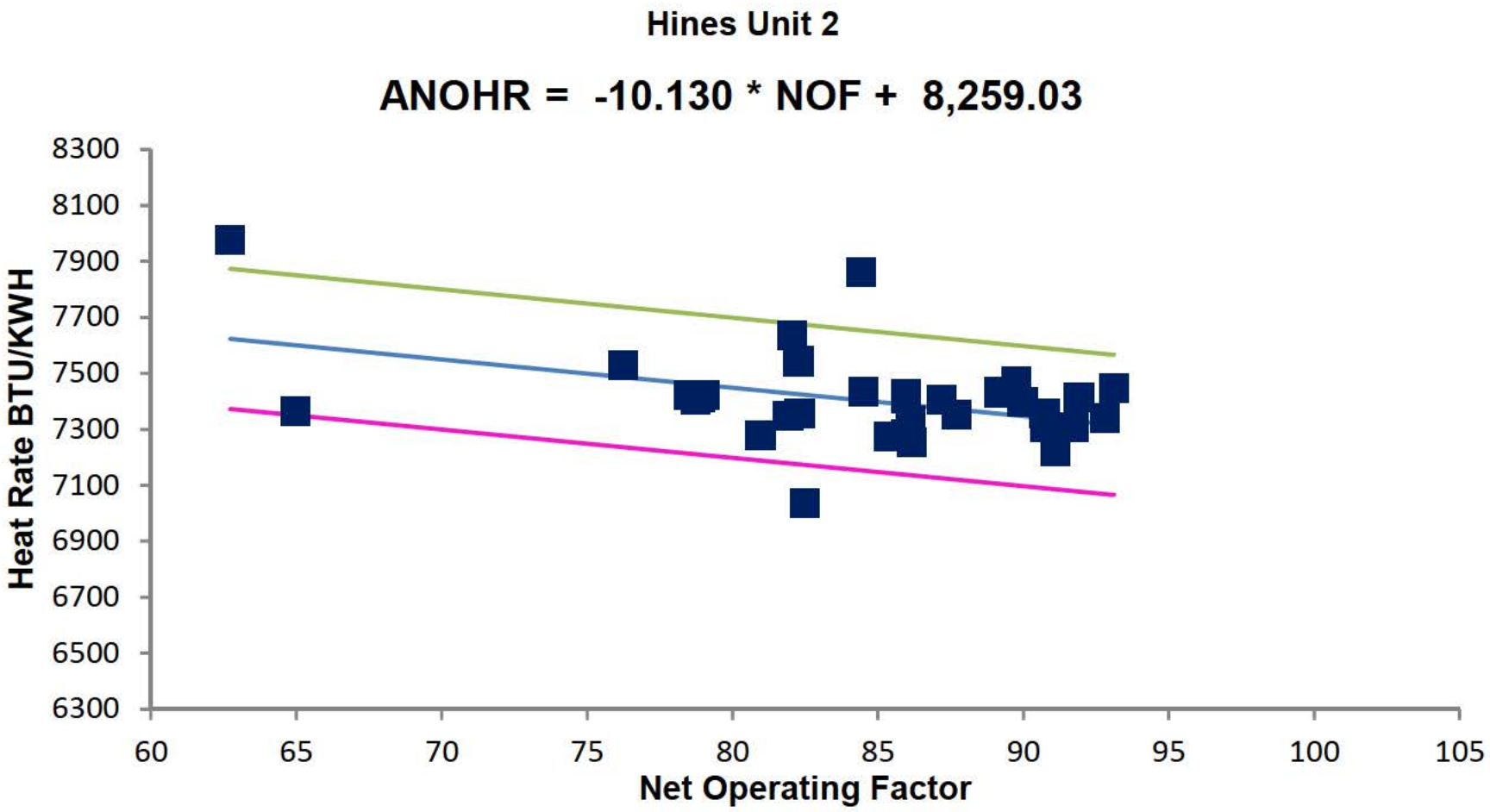
ANOHR = -10.130 * NOF + 8,259.03

TABLE OF RESIDUALS

DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-16	85.4	7,274	7,394	-120.0	250.4
Aug-16	87.7	7,353	7,371	-17.2	250.4
Sep-16	84.4	7,861	7,404	457.1	250.4
Oct-16	86.1	7,299	7,386	-87.5	250.4
Nov-16	79.1	7,422	7,458	-36.7	250.4
Dec-16	65.0	7,365	7,601	-236.0	250.4
Jan-17	78.7	7,408	7,462	-53.7	250.4
Feb-17	78.5	7,421	7,464	-43.1	250.4
Mar-17	91.1	7,222	7,336	-114.2	250.4
Apr-17	82.3	7,543	7,426	117.5	250.4
May-17	81.9	7,350	7,429	-79.3	250.4
Jun-17	84.5	7,436	7,403	32.6	250.4
Jul-17	87.2	7,407	7,376	31.3	250.4
Aug-17	86.0	7,283	7,388	-105.3	250.4
Sep-17	82.1	7,636	7,428	208.1	250.4
Oct-17	62.7	7,978	7,624	354.9	250.4
Dec-17	86.1	7,332	7,387	-54.9	250.4
Jan-18	86.2	7,253	7,386	-133.8	250.4
Feb-18	82.5	7,038	7,423	-385.6	250.4
Mar-18	91.7	7,306	7,330	-24.3	250.4
Apr-18	90.0	7,396	7,347	48.6	250.4
May-18	86.0	7,410	7,388	21.4	250.4
Jun-18	89.8	7,470	7,350	120.5	250.4
Jul-18	93.1	7,447	7,316	131.7	250.4
Aug-18	92.8	7,339	7,319	19.9	250.4
Sep-18	91.9	7,414	7,328	85.9	250.4
Oct-18	90.8	7,307	7,340	-32.4	250.4
Nov-18	78.9	7,415	7,460	-44.8	250.4
Dec-18	76.3	7,529	7,487	42.9	250.4
Jan-19	81.0	7,279	7,439	-160.1	250.4
Feb-19	82.3	7,354	7,425	-71.1	250.4
Apr-19	90.7	7,356	7,340	15.7	250.4
May-19	89.2	7,432	7,356	75.6	250.4
Jun-19	86.0	7,425	7,388	36.2	250.4

Regression Output:

Constant	8259.03
Std Err of Y Est	154.5240897
R Squared	0.174632428
No. of Observations	34
Degrees of Freedom	32
X Coefficient	-10.12957971
Std Err of Coef.	3.892939838


Hines Unit 2
ANOHR = -10.130 * NOF + 8,259.03
Heat Rate BTU/KWH
8300
8100
7900
7700
7500
7300
7100
6900
6700
6500
6300
60
65
70
75
80
85
90
95
100
105
Net Operating Factor

DUKE ENERGY FLORIDA

Hines Unit 3

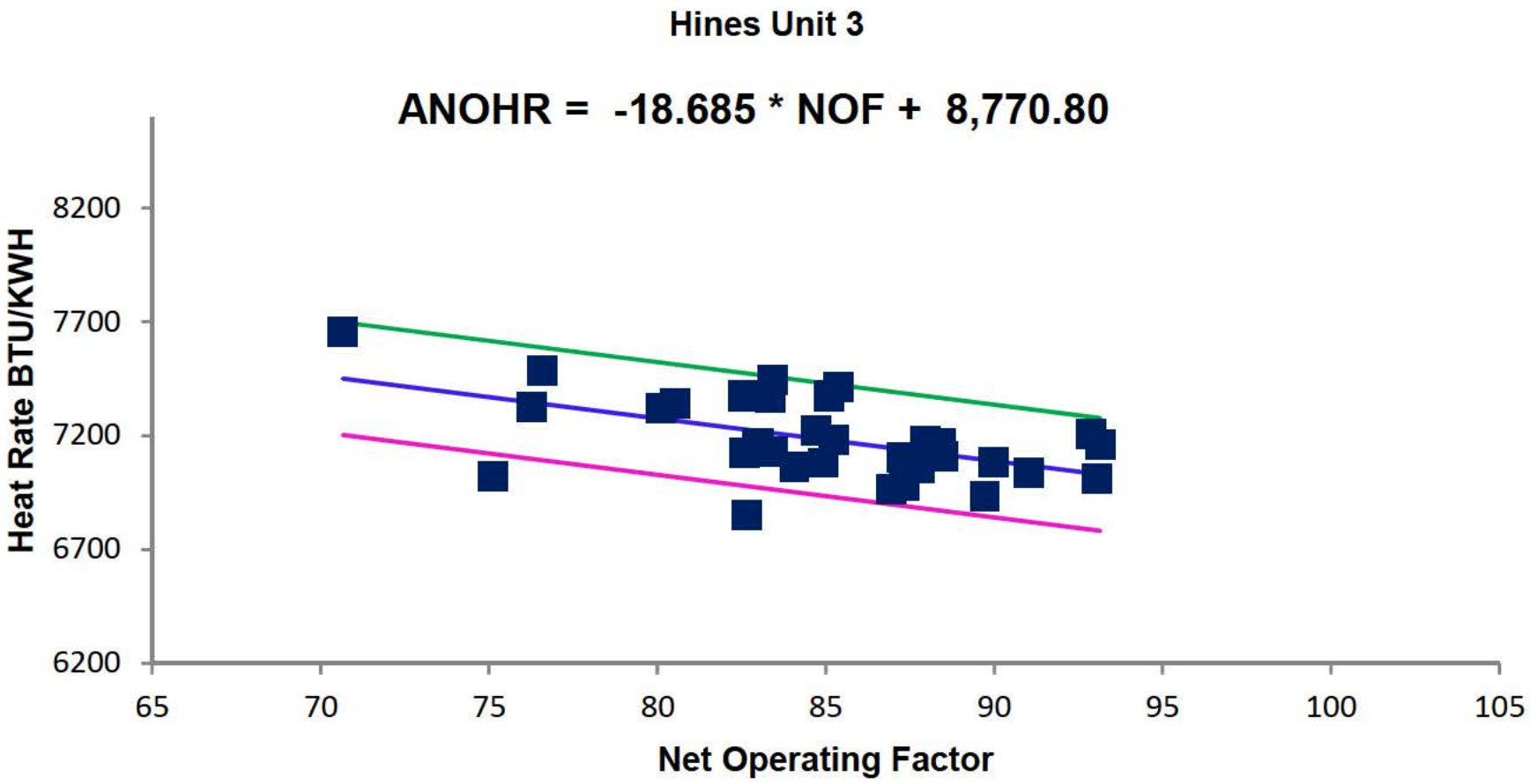
ANOHR = -18.685 * NOF + 8,770.80

TABLE OF RESIDUALS

DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-16	84.7	7,225	7,188	36.8	247.5
Aug-16	87.0	6,966	7,146	-180.3	247.5
Sep-16	82.7	6,850	7,226	-375.7	247.5
Oct-16	76.6	7,485	7,340	145.0	247.5
Nov-16	70.7	7,656	7,451	205.8	247.5
Dec-16	80.1	7,320	7,274	46.0	247.5
Jan-17	82.6	7,376	7,228	147.6	247.5
Feb-17	82.6	7,124	7,228	-103.8	247.5
Apr-17	84.9	7,080	7,184	-103.9	247.5
May-17	80.5	7,342	7,266	75.7	247.5
Jun-17	83.4	7,132	7,212	-79.9	247.5
Jul-17	87.3	7,106	7,140	-34.6	247.5
Aug-17	90.0	7,082	7,090	-7.4	247.5
Sep-17	75.1	7,020	7,367	-346.9	247.5
Oct-17	89.7	6,934	7,094	-160.5	247.5
Dec-17	87.3	6,978	7,139	-161.0	247.5
Jan-18	83.4	7,447	7,212	234.3	247.5
Feb-18	83.3	7,365	7,214	151.9	247.5
Mar-18	87.8	7,060	7,130	-70.1	247.5
Apr-18	88.4	7,166	7,119	46.7	247.5
May-18	88.5	7,107	7,117	-10.5	247.5
Jun-18	91.0	7,038	7,070	-32.0	247.5
Jul-18	93.0	7,009	7,032	-23.7	247.5
Aug-18	92.9	7,209	7,035	173.6	247.5
Sep-18	93.2	7,161	7,030	130.2	247.5
Nov-18	85.2	7,182	7,178	3.7	247.5
Dec-18	85.1	7,376	7,181	195.0	247.5
Jan-19	85.4	7,416	7,175	240.7	247.5
Feb-19	76.3	7,325	7,346	-20.6	247.5
Mar-19	83.0	7,169	7,220	-51.6	247.5
Apr-19	84.1	7,063	7,200	-137.1	247.5
May-19	88.0	7,180	7,127	52.8	247.5
Jun-19	84.3	7,211	7,197	13.9	247.5

Regression Output:

Constant	8770.80
Std Err of Y Est	152.8110874
R Squared	0.29197747
No. of Observations	33
Degrees of Freedom	31
X Coefficient	-18.68475877
Std Err of Coef.	5.225832874


Hines Unit 3
ANOHR = -18.685 * NOF + 8,770.80
Heat Rate BTU/KWH
8200
7700
7200
6700
6200
65
70
75
80
85
90
95
100
105
Net Operating Factor

DUKE ENERGY FLORIDA

Hines Unit 4

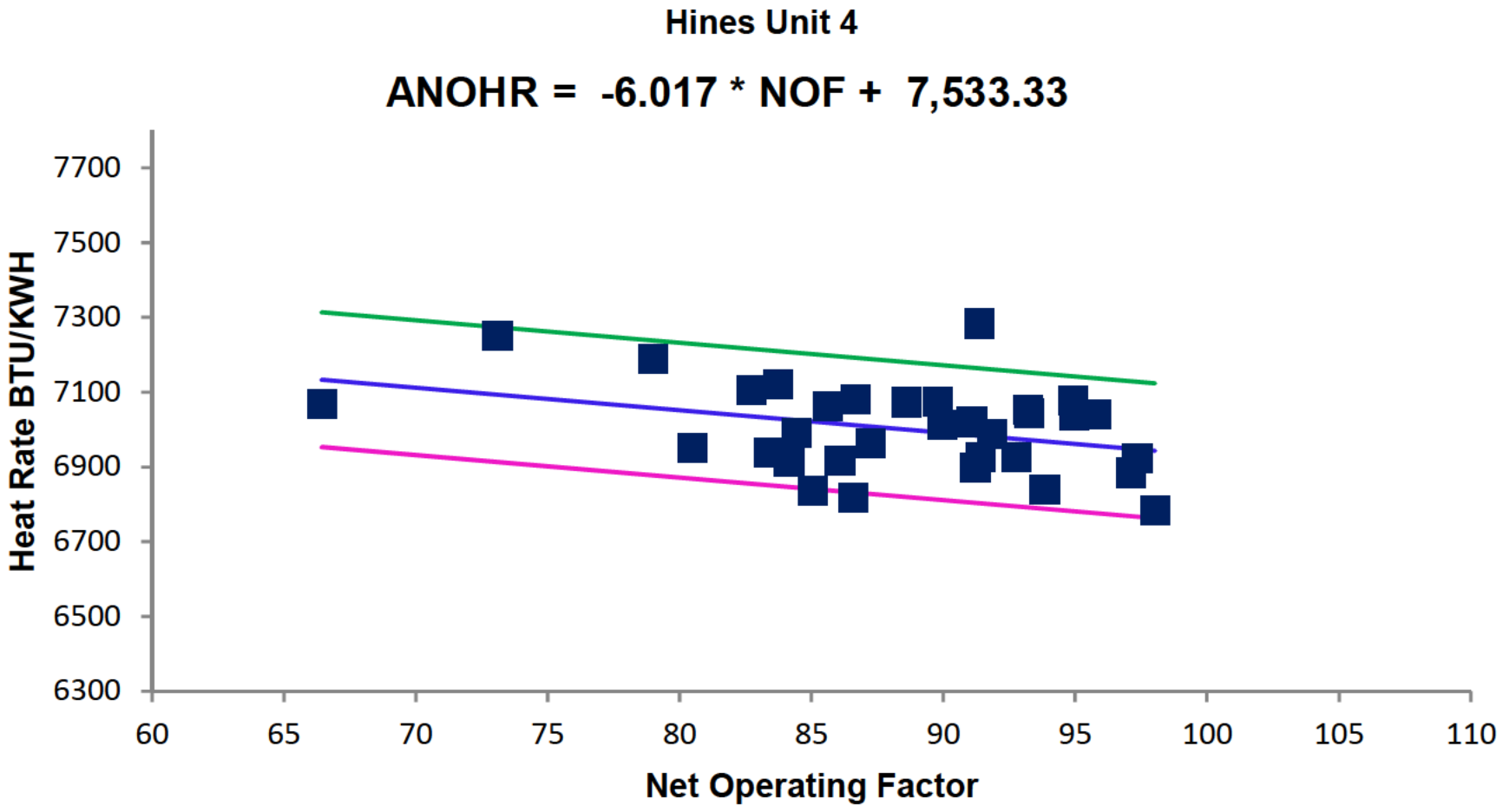
ANOHR = -6.017 * NOF + 7,533.33

TABLE OF RESIDUALS

DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Aug-16	83.7	7,122	7,029	92.6	180.4
Sep-16	86.1	6,915	7,015	-100.2	180.4
Oct-16	73.1	7,250	7,094	156.6	180.4
Nov-16	66.4	7,068	7,134	-66.1	180.4
Dec-16	79.0	7,189	7,058	130.9	180.4
Jan-17	91.4	7,283	6,984	299.8	180.4
Feb-17	90.0	7,013	6,992	21.1	180.4
Mar-17	93.9	6,840	6,969	-128.4	180.4
Apr-17	88.6	7,074	7,000	73.4	180.4
May-17	80.5	6,951	7,049	-98.6	180.4
Jun-17	84.4	6,993	7,025	-32.4	180.4
Jul-17	82.8	7,105	7,035	69.4	180.4
Aug-17	86.7	7,079	7,012	67.4	180.4
Sep-17	91.9	6,986	6,981	5.8	180.4
Oct-17	94.9	7,077	6,962	115.1	180.4
Dec-17	87.2	6,964	7,009	-44.1	180.4
Jan-18	92.8	6,925	6,975	-50.3	180.4
Feb-18	91.2	6,898	6,985	-86.1	180.4
Mar-18	98.0	6,783	6,944	-160.2	180.4
Apr-18	91.1	7,021	6,985	35.7	180.4
May-18	93.2	7,053	6,973	80.9	180.4
Jun-18	95.0	7,037	6,962	75.2	180.4
Jul-18	95.8	7,040	6,957	83.0	180.4
Aug-18	93.2	7,044	6,972	71.7	180.4
Sep-18	97.4	6,924	6,948	-23.7	180.4
Oct-18	97.1	6,885	6,949	-64.4	180.4
Dec-18	85.1	6,836	7,022	-185.7	180.4
Jan-19	91.4	6,925	6,983	-58.3	180.4
Feb-19	84.2	6,913	7,027	-113.9	180.4
Mar-19	83.4	6,937	7,032	-94.6	180.4
Apr-19	86.6	6,817	7,012	-195.4	180.4
May-19	89.8	7,075	6,993	81.5	180.4
Jun-19	85.6	7,061	7,018	42.4	180.4

Regression Output:

Constant	7533.33
Std Err of Y Est	111.3559717
R Squared	0.127056003
No. of Observations	33
Degrees of Freedom	31
X Coefficient	-6.01661338
Std Err of Coef.	2.832480021


Hines Unit 4
ANOHR = -6.017 * NOF + 7,533.33
Heat Rate BTU/KWH
7700
7500
7300
7100
6900
6700
6500
6300
60
65
70
75
80
85
90
95
100
105
110
Net Operating Factor

DUKE ENERGY FLORIDA

Osprey Unit 1

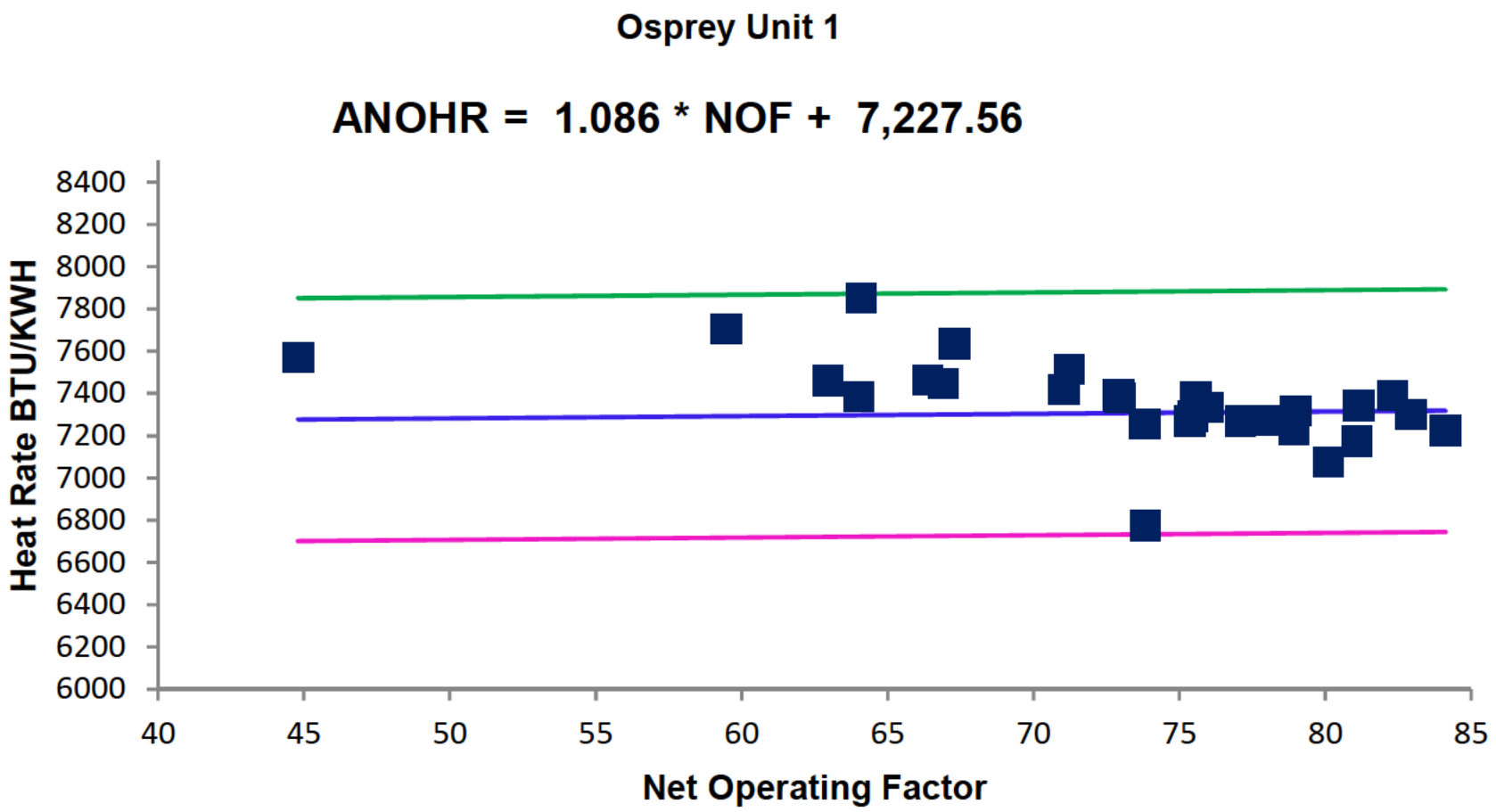
ANOHR = 1.086 * NOF + 7,227.56

TABLE OF RESIDUALS

DATE	OUTPUT FACTOR	ACT MONTHLY HEATRATE	PROJECTED HEATRATE	DIFFERENCE (ACT-PROJ)	HEAT RATE RANGE @90% CONFID
Jul-16	84.1	7,226	7,319	-92.9	574.7
Aug-16	82.3	7,391	7,317	73.6	574.7
Sep-16	76.0	7,336	7,310	25.5	574.7
Oct-16	71.0	7,418	7,305	112.9	574.7
Nov-16	75.4	7,269	7,309	-40.0	574.7
Dec-16	67.3	7,636	7,301	335.6	574.7
Jan-17	53.1	5,767	7,285	-1518.1	574.7
Feb-17	66.4	7,466	7,300	166.6	574.7
Jul-17	79.0	7,319	7,313	5.4	574.7
Aug-17	82.9	7,301	7,318	-16.7	574.7
Sep-17	75.6	7,387	7,310	77.4	574.7
Oct-17	81.1	7,173	7,316	-142.3	574.7
Nov-17	71.2	7,514	7,305	208.6	574.7
Dec-17	75.5	7,292	7,310	-18.0	574.7
Jan-18	77.1	7,271	7,311	-40.3	574.7
Apr-18	59.5	7,706	7,292	413.4	574.7
May-18	66.9	7,446	7,300	145.6	574.7
Jun-18	78.9	7,230	7,313	-83.8	574.7
Jul-18	78.1	7,274	7,312	-38.8	574.7
Aug-18	64.0	7,387	7,297	89.6	574.7
Sep-18	81.1	7,342	7,316	26.7	574.7
Oct-18	73.8	7,255	7,308	-52.5	574.7
Nov-18	72.9	7,393	7,307	86.7	574.7
Dec-18	64.1	7,851	7,297	554.2	574.7
Jan-19	44.8	7,572	7,276	295.7	574.7
Feb-19	63.0	7,459	7,296	163.3	574.7
Mar-19	73.8	6,774	7,308	-533.9	574.7
Apr-19	75.4	7,273	7,309	-36.0	574.7
May-19	80.1	7,076	7,315	-239.0	574.7
Jun-19	72.9	7,378	7,307	71.4	574.7

Regression Output:

Constant	7227.56
Std Err of Y Est	355.3332613
R Squared	0.000793161
No. of Observations	30
Degrees of Freedom	28
X Coefficient	1.086425024
Std Err of Coef.	7.287317459


Osprey Unit 1
ANOHR = 1.086 * NOF + 7,227.56
Heat Rate BTU/KWH
8400
8200
8000
7800
7600
7400
7200
7000
6800
6600
6400
6200
6000
40
45
50
55
60
65
70
75
80
85
Net Operating Factor

UNPLANNED OUTAGE RATE TABLES AND GRAPHS

Bartow
Unit 4

	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
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	730.81	736.37	700.33	529.72	429.97	653.16	677.03	411.15	365.44	644.23	725 55	703.35	716.07	744.00	673.72	703.50	620.52	669.22
RSH	0.00	0.00	0.00	19.78	0.00	28.24	66.97	0.00	41.78	0.00	1.65	11.50	4.35	0.00	30.57	24.71	42.01	0.00
UH	13.19	7.63	19.67	194.50	291.03	62.60	0.00	260.85	335.78	75.77	16 80	5.15	23.58	0.00	15.71	15.79	58.47	74.78
POH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.82	30.75
FOH	13.19	7.08	19.67	112.38	291.03	62.60	0.00	233.06	292.09	75.77	8 01	5.15	23.58	0.00	7.01	0.67	3.68	0.00
MOH	0.00	0.56	0.00	82.12	0.00	0.00	0.00	27.79	2.65	0.00	8.79	0.00	0.00	0.00	8.70	15.12	0.97	44.03
PFOH	34.39	51.99	89.01	12.04	0.00	0.00	0.00	0.00	0.00	203.76	521.64	292.50	313.68	288.85	279.53	315.66	279.92	288.85
LRPF	297.87	163.49	44.29	179.07	0.00	0.00	0.00	0.00	0.00	84.00	78.74	83.49	78.98	84.00	81.39	82.28	84.00	71.19
EFOH	8.82	7.31	3.39	1.86	0.00	0.00	0.00	0.00	0.00	15.49	37.17	22.10	22.42	21.96	20.59	23.50	21.28	18.61
PMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.45	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	46.49	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	0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPC	1162.00	1162.00	1162.00	1162.00	1162.00	1162.00	1105.00	1105.00	1105.00	1105.00	1105 00	1105.00	1105.00	1105.00	1105.00	1105.00	1105.00	1105.00

MONTHLY	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
FOR	1.77	0.95	2.73	17.50	40.36	8.75	0.00	36.18	44.42	10.52	1 09	0.73	3.19	0.00	1.03	0.10	0.59	0.00
MOR	0.00	0.08	0.00	13.42	0.00	0.00	0.00	6.33	0.72	0.00	1 20	0.00	0.00	0.00	1.27	2.10	0.16	6.17
PFOR	1.21	0.99	0.48	0.35	0.00	0.00	0.00	0.00	0.00	2.40	5.12	3.14	3.13	2.95	3.06	3.34	3.43	2.78
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EUOR	2.96	2.01	3.20	27.11	40.36	8.75	0.00	38.82	44.65	12.67	7.40	3.85	6.22	2.95	5.26	5.46	4.15	8.78
EUOF	2.96	2.01	3.20	26.39	40.36	8.41	0.00	38.82	39.67	12.67	7 38	3.78	6.18	2.95	5.04	5.28	3.60	8.42
POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.52	0.00	0 00	0.00	0.00	0.00	0.00	0.00	7.46	4.13
EAF	97.04	97.99	96.80	73.61	59.64	91.59	100.00	61.18	54.81	87.33	92.62	96.22	93.82	97.05	94.96	94.72	88.94	87.45

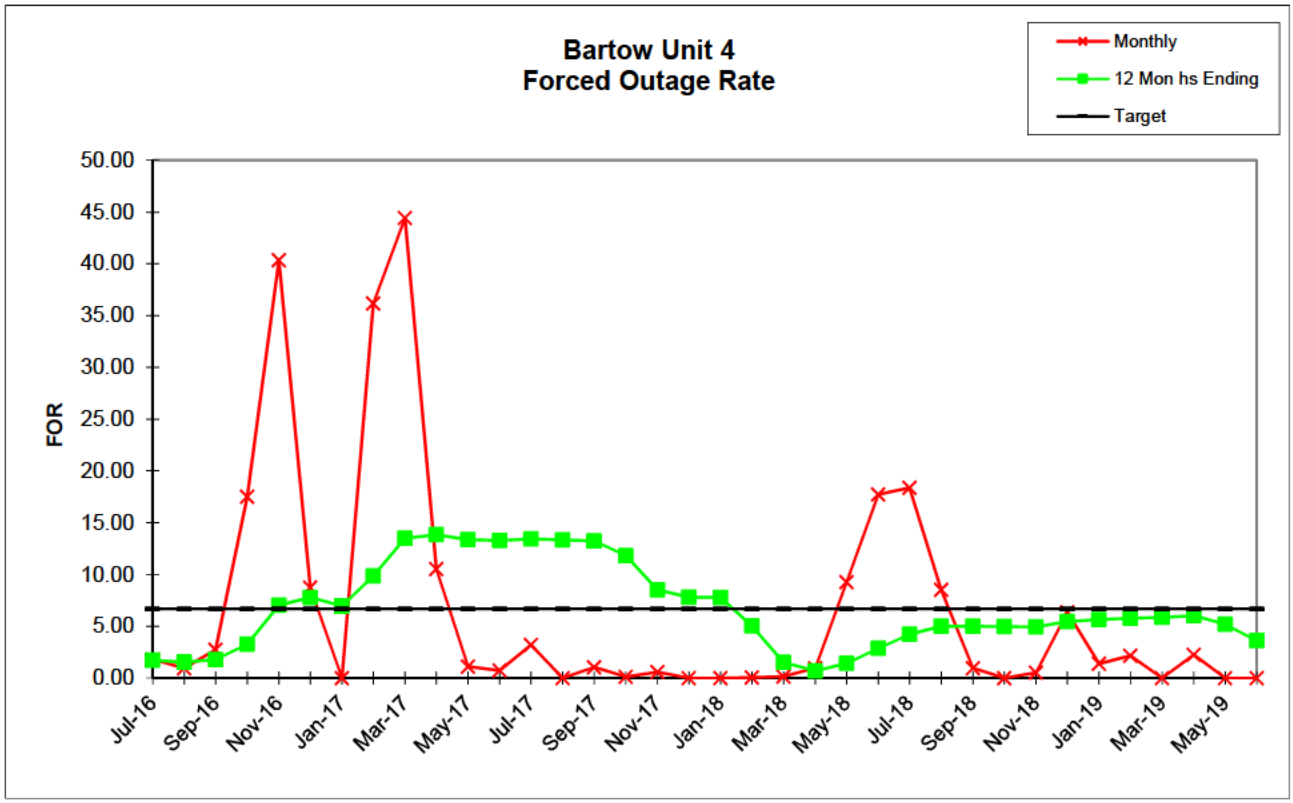
12 MONTHS	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
FOR	1.71	1.53	1.79	3.26	7.03	7.78	6.94	9.85	13.50	13.83	13 38	13.29	13.42	13.34	13.25	11.83	8.52	7.82
MOR	1.35	1.05	0 83	1.94	1.98	1.22	1.22	1.66	1.74	1.67	1.66	1.64	1.64	1.64	1.76	0.84	0.83	1.39
PFOR	0.21	0.31	0.28	0.30	0.31	0.31	0.31	0.32	0.33	0.54	1 03	1.32	1.50	1.70	1.95	2.19	2.42	2.65
PMOR	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	0.01	0.01	0.01	0.01	0.01
EUOR	3.21	2.86	2.86	5.36	9.02	9.11	8.28	11.48	15.09	15.53	15 52	15.66	15.95	16.03	16.25	14.41	11.42	11.43
EUOF	2.70	2.40	2.42	4.65	7.97	8.02	7.26	10.10	13.47	14.47	14 97	15.29	15.56	15.64	15.79	14.00	10.97	10.97
POF	14.41	14.41	14 20	11.72	10.34	10.34	10.34	10.37	8.89	5.00	1.70	0.47	0.47	0.47	0.47	0.47	1.08	1.43
EAF	82.90	83.19	83 38	83.63	81.69	81.64	82.40	79.53	77.64	80.53	83 33	84.25	83.97	83.89	83.74	85.53	87.95	87.59

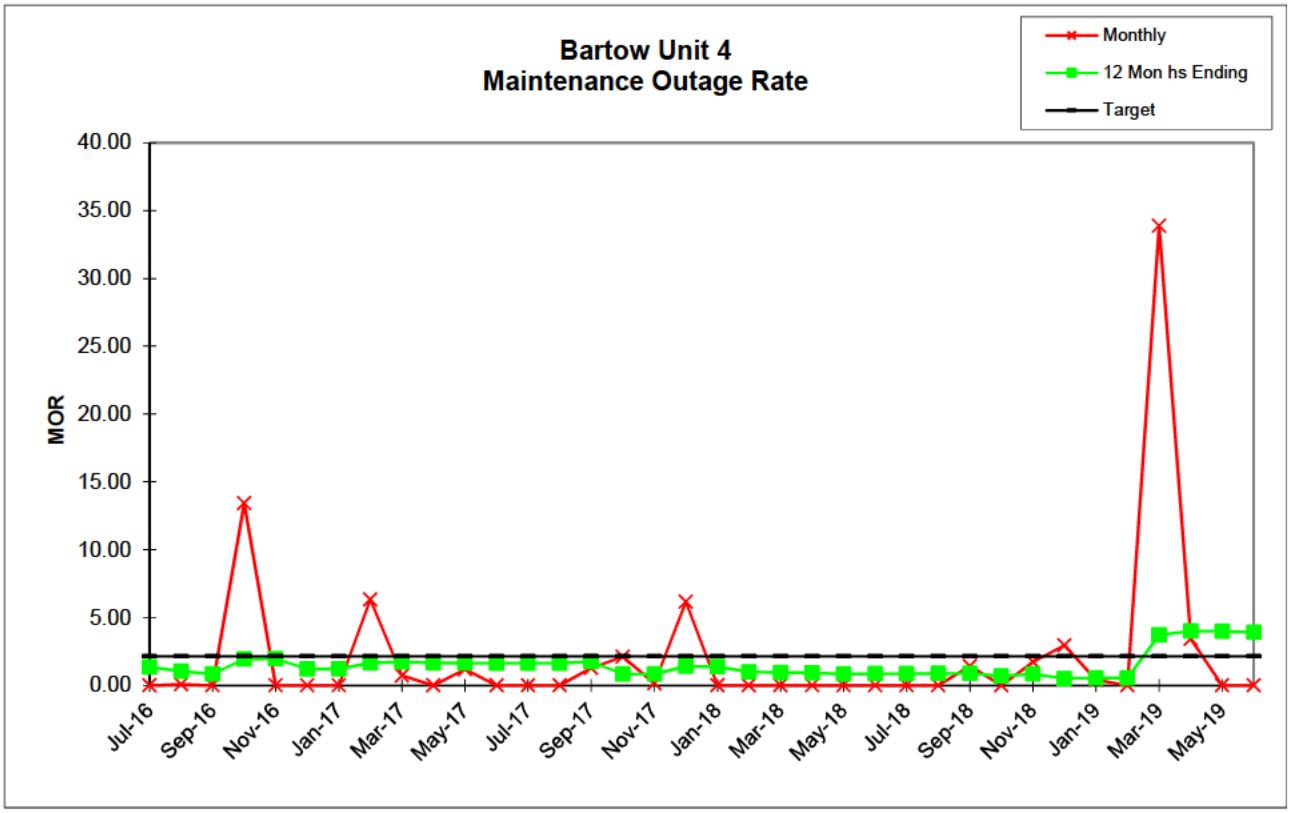
Bartow
Unit 4

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721 00	744.00	744.00	672.00	743.00	720.00	744.00	720.00
SER HOURS	723.12	576.01	617.32	699.21	660.66	586.42	601.19	675.79	702.70	708.62	654 33	605.85	603.93	593.93	485.47	612.30	711.99	695.10
RSH	20.88	95.74	13.25	14.12	15.97	7.14	7.57	5.18	0.51	35.38	23 94	55.22	129.03	65.02	8.72	1.31	32.01	24.90
UH	0.00	0.25	112.43	6.67	67.37	126.44	135.24	63.03	16.79	0.00	42.73	82.93	11.03	13.05	248.81	106.39	0.00	0.00
POH	0.00	0.00	111.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.77	23.38	0.00	0.00	0.00	70.58	0.00	0.00
FOH	0.00	0.25	0.78	6.67	67.37	126.44	135.24	63.03	6.61	0.00	3 35	41.02	8.52	13.05	0.00	14.09	0.00	0.00
MOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.18	0.00	11.61	18.53	2.51	0.00	248.81	21.72	0.00	0.00
PFOH	0.00	15.09	0.00	0.00	0.00	229.23	247.90	139.46	19.28	0.00	6 06	75.65	0.00	21.61	0.00	0.00	15.36	24.79
LRPF	0.00	120.02	0.00	0.00	0.00	40.82	46.36	47.15	66.99	0.00	67 04	67.00	0.00	66.98	0.00	0.00	186.98	67.00
EFOH	0.00	1.68	0.00	0.00	0.00	8.66	10.64	6.09	1.20	0.00	0 38	4.69	0.00	1.34	0.00	0.00	2.66	1.54
PMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21 27	0.00	0.00	0.00	182.68	0.00	17.83	0.00
LRPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67 00	0.00	0.00	0.00	187.00	0.00	187.01	0.00
EMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1 32	0.00	0.00	0.00	31.63	0.00	3.09	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	1080.00	1080.00	1080.00	1080.00	1080.00	1080.00

MONTHLY	**Jan-18**	**Feb-18**	**Mar-18**	**Apr-18**	**May-18**	**Jun-18**	**Jul-18**	**Aug-18**	**Sep-18**	**Oct-18**	**Nov-18**	**Dec-18**	**Jan-19**	**Feb-19**	**Mar-19**	**Apr-19**	**May-19**	**Jun-19**
FOR	0.00	0.04	0.13	0.94	9.25	17.74	18.36	8.53	0.93	0.00	0 51	6.34	1.39	2.15	0.00	2.25	0.00	0.00
MOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.43	0.00	1.74	2.97	0.41	0.00	33.88	3.43	0.00	0.00
PFOR	0.00	0.29	0.00	0.00	0.00	1.48	1.77	0.90	0.17	0.00	0 06	0.77	0.00	0.23	0.00	0.00	0.37	0.22
PMOR	0.00	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	6.52	0.00	0.43	0.00
EUOR	0.00	0.33	0.13	0.94	9.25	18.95	19.81	9.36	2.50	0.00	2.49	9.65	1.79	2.37	38.19	5.53	0.81	0.22
EUOF	0.00	0.29	0.10	0.93	9.06	18.76	19.61	9.29	2.50	0.00	2 31	8.63	1.48	2.14	37.74	4.97	0.77	0.21
POF	0.00	0.00	15.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3 85	3.14	0.00	0.00	0.00	9.80	0.00	0.00
EAF	100.00	99.71	84.87	99.07	90.94	81.24	80.39	90.71	97.50	100.00	93 84	88.22	98.52	97.86	62.26	85.22	99.23	99.79

12 MONTHS	**Jan-18**	**Feb-18**	**Mar-18**	**Apr-18**	**May-18**	**Jun-18**	**Jul-18**	**Aug-18**	**Sep-18**	**Oct-18**	**Nov-18**	**Dec-18**	**Jan-19**	**Feb-19**	**Mar-19**	**Apr-19**	**May-19**	**Jun-19**
FOR	7.77	5.03	1.52	0.68	1.40	2.87	4.23	5.00	4.98	4.97	4 95	5.46	5.63	5.77	5.86	6.01	5.17	3.59
MOR	1.38	1.01	0.95	0.94	0.84	0.85	0.87	0.87	0.89	0.70	0 83	0.51	0.55	0.55	3.71	4.02	3.99	3.93
PFOR	2.64	2.60	2.52	2.32	1.88	1.74	1.61	1.42	1.17	0.87	0.60	0.43	0.43	0.43	0.44	0.44	0.47	0.37
PMOR	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0 02	0.02	0.02	0.02	0.43	0.44	0.48	0.47
EUOR	11.37	8.40	4.91	3.90	4.05	5.35	6.56	7.13	6.89	6.42	6 28	6.33	6.55	6.68	9.94	10.36	9.63	8.03
EUOF	10.97	8.02	4.66	3.69	3.84	5.07	6.21	6.75	6.54	6.09	5 98	6.00	6.13	6.27	9.46	9.79	9.09	7.57
POF	1.43	1.43	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	1 94	1.86	1.86	1.86	0.58	1.39	1.39	1.39
EAF	87.59	90.55	93.10	94.07	93.92	92.69	91.55	91.01	91.22	91.67	92 07	92.14	92.01	91.87	89.95	88.82	89.52	91.04


Bartow Unit 4
Forced Outage Rate
Monthly
12 Mon hs Ending
Target
FOR
50.00
45.00
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Bartow Unit 4
Maintenance Outage Rate
Monthly
12 Mon hs Ending
Target
MOR
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
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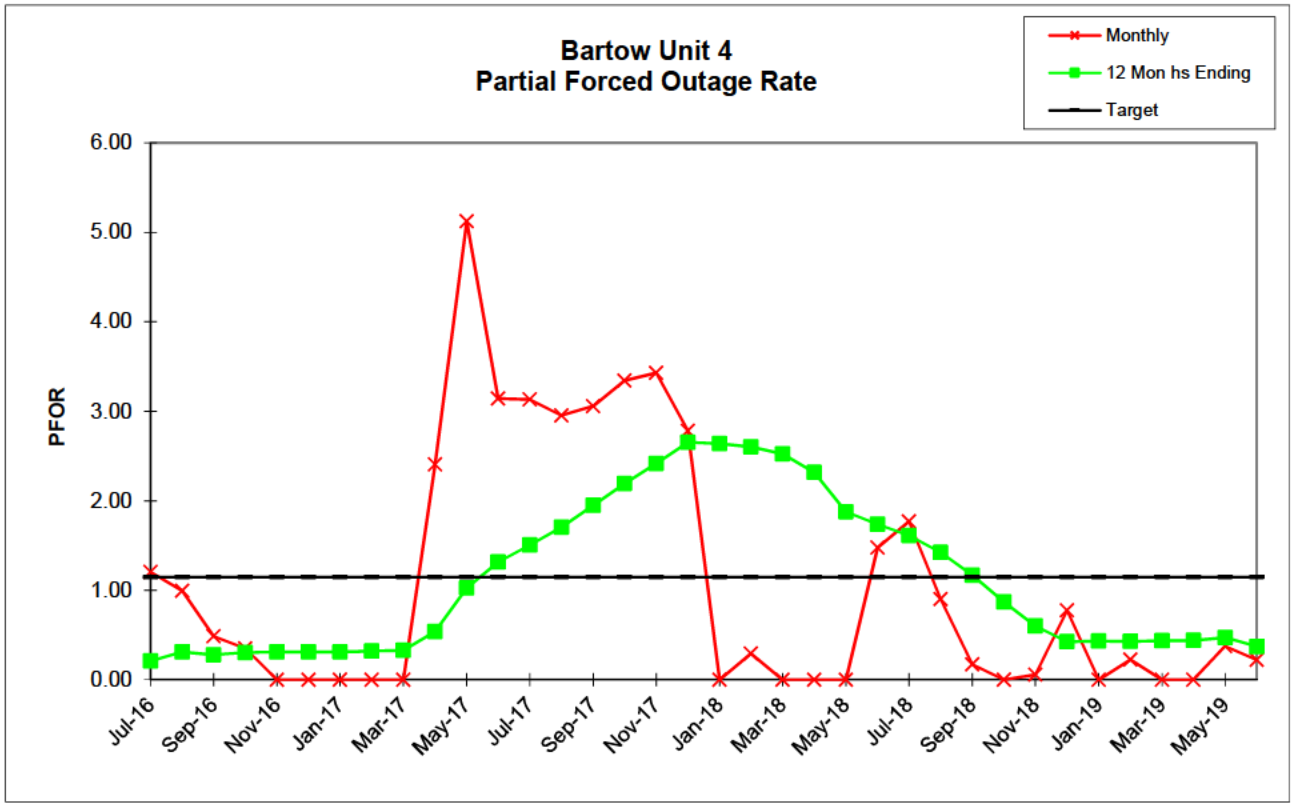
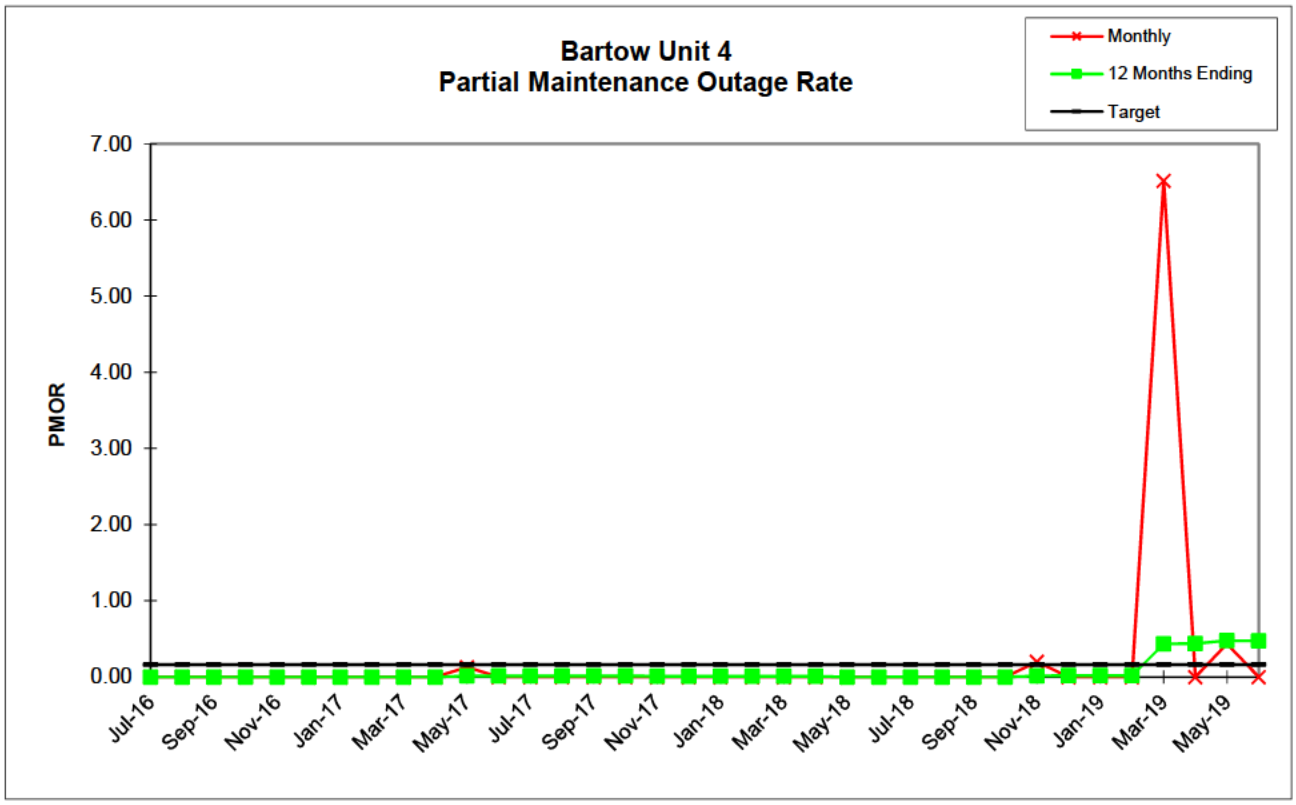
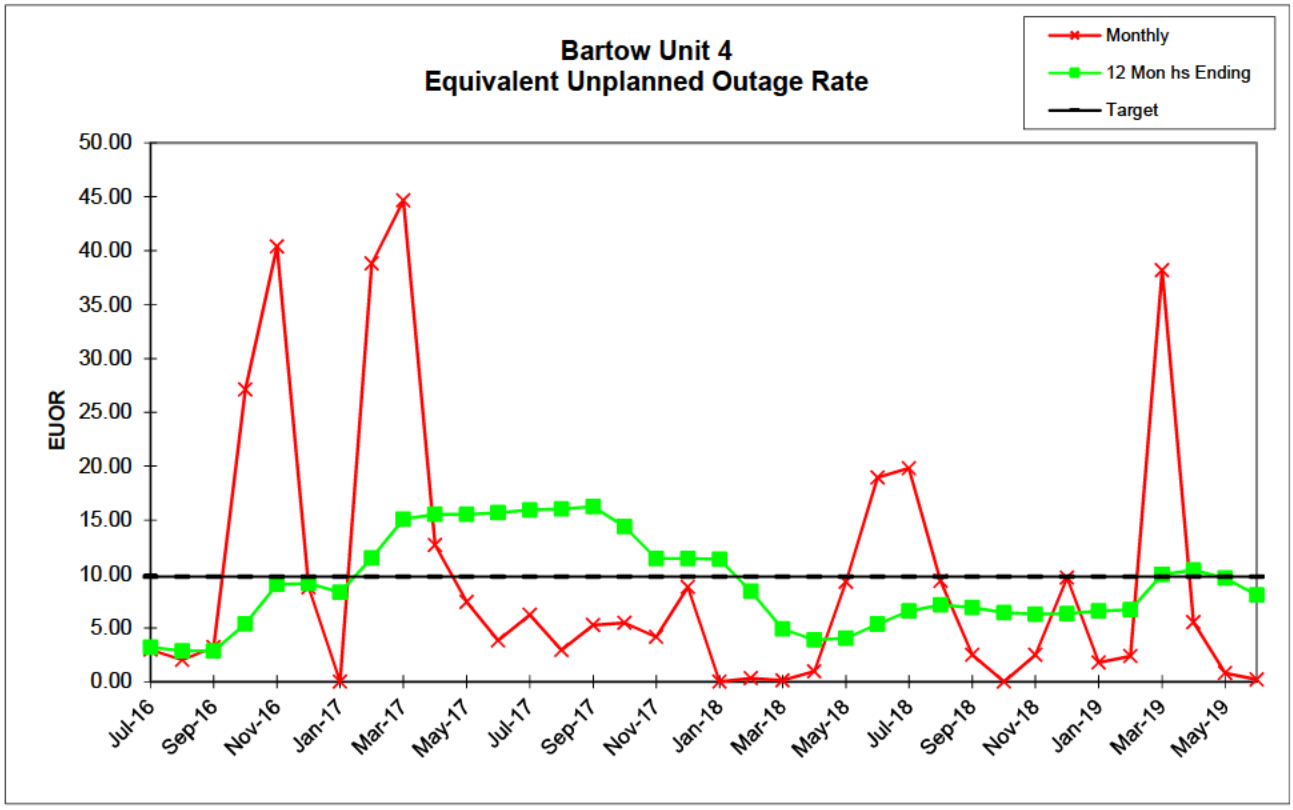
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Bartow Unit 4
Partial Forced Outage Rate
Monthly
12 Mon hs Ending
Target
PFOR
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Bartow Unit 4
Partial Maintenance Outage Rate
Monthly
12 Months Ending
Target
PMOR
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Bartow Unit 4
Equivalent Unplanned Outage Rate
Monthly
12 Mon hs Ending
Target
EUOR
50.00
45.00
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
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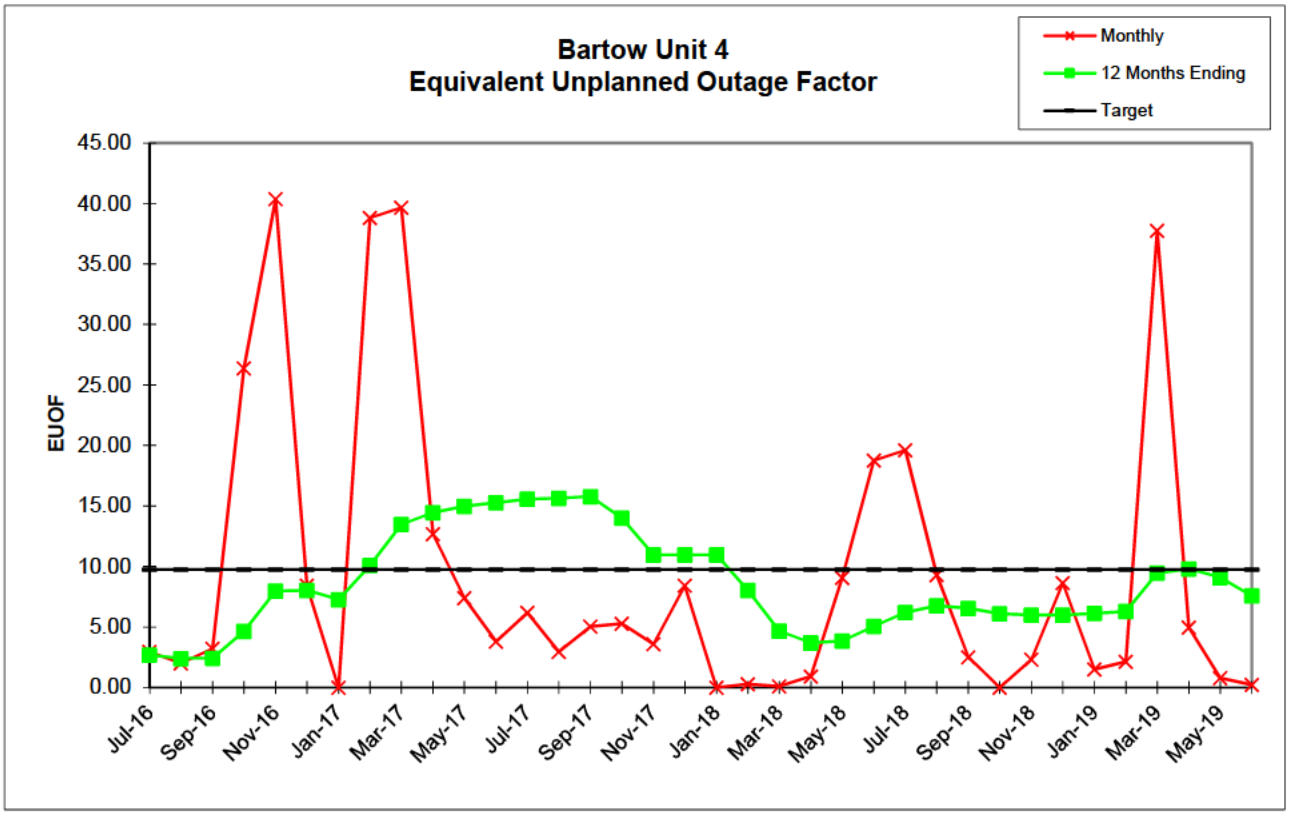
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Bartow Unit 4
Equivalent Unplanned Outage Factor
Monthly
12 Months Ending
Target
EUOF
45.00
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19

Hines
Unit 1

	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-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	744.00	672.00
SER HOURS	722.54	744.00	720.00	726.12	686.68	635.23	603.32	672.00	736.42	112.79	514.80	641 24	722.54	724.19	662.30	653.40	691.81	621.65	714.50	672.00
RSH	0.00	0.00	0.00	0.00	34.32	99.79	140.68	0.00	0.05	0.00	134.79	0 00	1.42	19.81	57.70	40.66	19.01	98.75	16.65	0.00
UH	21.46	0.00	0.00	17 88	0.00	8.97	0.00	0.00	6.53	607.21	94.41	78.76	20.04	0.00	0.00	49.95	10.17	23.60	12.85	0.00
POH	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	6.53	607.21	61.69	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FOH	21.46	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	32.72	78.76	20.04	0.00	0.00	3.90	10.17	23.60	12.85	0.00
MOH	0.00	0.00	0.00	17 88	0.00	8.97	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	46.05	0.00	0.00	0.00	0.00
PFOH	22.74	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	287.40	83.45	22.74	0.00	0.00	2.67	0.00	4.10	12.44	0.00
LRPF	105.38	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	60.82	68.18	108.05	0.00	0.00	77.98	0.00	99.00	69.78	0.00
EFOH	4.63	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	33.81	11.00	4.75	0.00	0.00	0.40	0.00	0.79	1.75	0.00
PMOH	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	4.85	17.06	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	99.01	99.02	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	0.93	3.27	0.00	0.00
NPC	518.00	518.00	518.00	518 00	518.00	518.00	517.00	517.00	517.00	517.00	517.00	517 00	517.00	517.00	517.00	517.00	517.00	517.00	495.00	495.00

MONTHLY	**Jul-16**	**Aug-16**	**Sep-16**	**Oct-16**	**Nov-16**	**Dec-16**	**Jan-17**	**Feb-17**	**Mar-17**	**Apr-17**	**May-17**	**Jun-17**	**Jul-17**	**Aug-17**	**Sep-17**	**Oct-17**	**Nov-17**	**Dec-17**	**Jan-18**	**Feb-18**
FOR	2.88	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	5.98	10 94	2.70	0.00	0.00	0.59	1.45	3.66	1.77	0.00
MOR	0.00	0.00	0.00	2.40	0.00	1.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.58	0.00	0.00	0.00	0.00
PFOR	0.64	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	6.57	1.72	0.66	0.00	0.00	0.06	0.00	0.13	0.25	0.00
PMOR	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.13	0.53	0.00	0.00
EUOR	3.51	0.00	0.00	2.40	0.00	1.39	0.00	0.00	0.00	0.00	12.15	12.47	3.34	0.00	0.00	7.16	1.58	4.29	2.01	0.00
EUOF	3.51	0.00	0.00	2.40	0.00	1.21	0.00	0.00	0.00	0.00	8.94	12.47	3.33	0.00	0.00	6.77	1.54	3.72	1.96	0.00
POF	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.88	84.33	8.29	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EAF	96.49	100.00	100.00	97.60	100.00	98.79	100.00	100.00	99.12	15.67	82.77	87.53	96.67	100.00	100.00	93.23	98.46	96.28	98.04	100.00

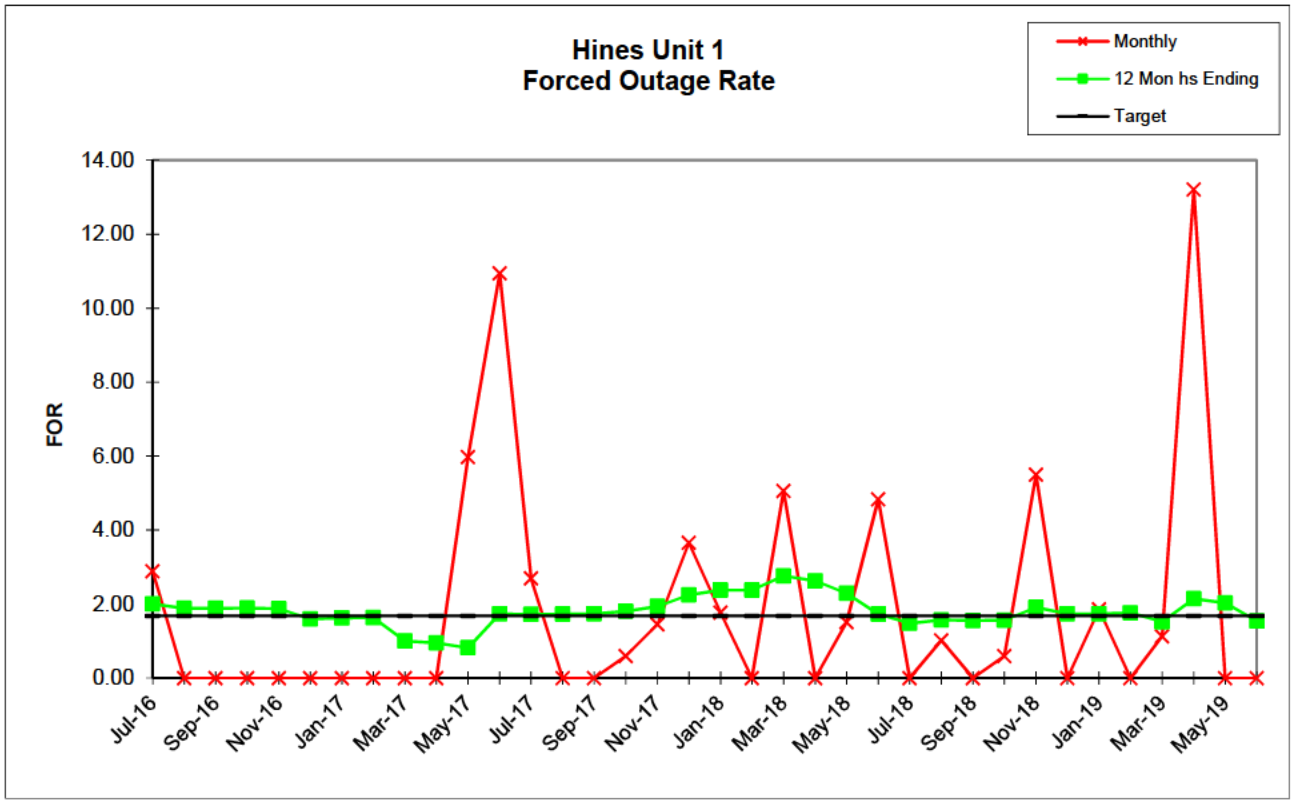
12 MONTHS	**Jul-16**	**Aug-16**	**Sep-16**	**Oct-16**	**Nov-16**	**Dec-16**	**Jan-17**	**Feb-17**	**Mar-17**	**Apr-17**	**May-17**	**Jun-17**	**Jul-17**	**Aug-17**	**Sep-17**	**Oct-17**	**Nov-17**	**Dec-17**	**Jan-18**	**Feb-18**
FOR	2.01	1.88	1.88	1 89	1.87	1.60	1.62	1.63	1.00	0.95	0.81	1.74	1.72	1.72	1.74	1.81	1.94	2.25	2.38	2.38
MOR	0.00	0.00	0.00	0 23	0.23	0.35	0.36	0.36	0.35	0.35	0.35	0.36	0.36	0.36	0.36	0.74	0.74	0.62	0.61	0.61
PFOR	0.11	0.08	0.08	0 08	0.08	0.08	0.09	0.09	0.08	0.08	0.53	0.66	0.66	0.66	0.67	0.68	0.68	0.69	0.70	0.70
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	0.01	0.06	0.06	0.06
EUOR	2.11	1.97	1.97	2.19	2.18	2.02	2.06	2.06	1.42	1.37	1.69	2.73	2.71	2.72	2.74	3.18	3.32	3.57	3.70	3.70
EUOF	1.88	1.75	1.75	1 95	1.94	1.78	1.78	1.79	1.27	1.22	1.48	2.39	2.37	2.37	2.37	2.74	2.87	3.08	3.25	3.25
POF	10.11	10.11	10.11	10.11	10.11	10.11	10.11	10.14	7.76	7.57	7.71	7.71	7.71	7.71	7.71	7.71	7.71	7.71	7.71	7.71
EAF	88.02	88.14	88.14	87 94	87.95	88.11	88.11	88.08	90.97	91.20	90.81	89.90	89.92	89.92	89.92	89.55	89.42	89.21	89.04	89.04

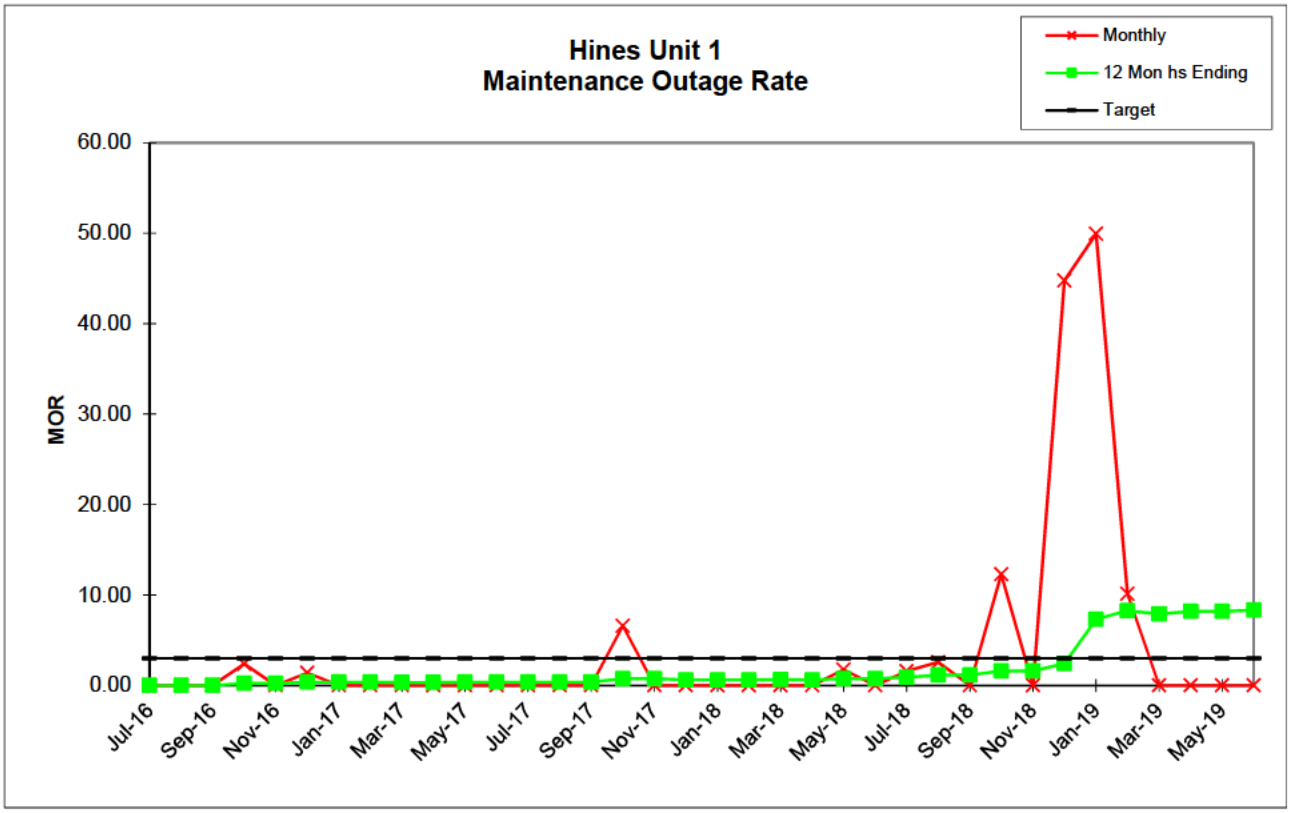
Hines
Unit 1

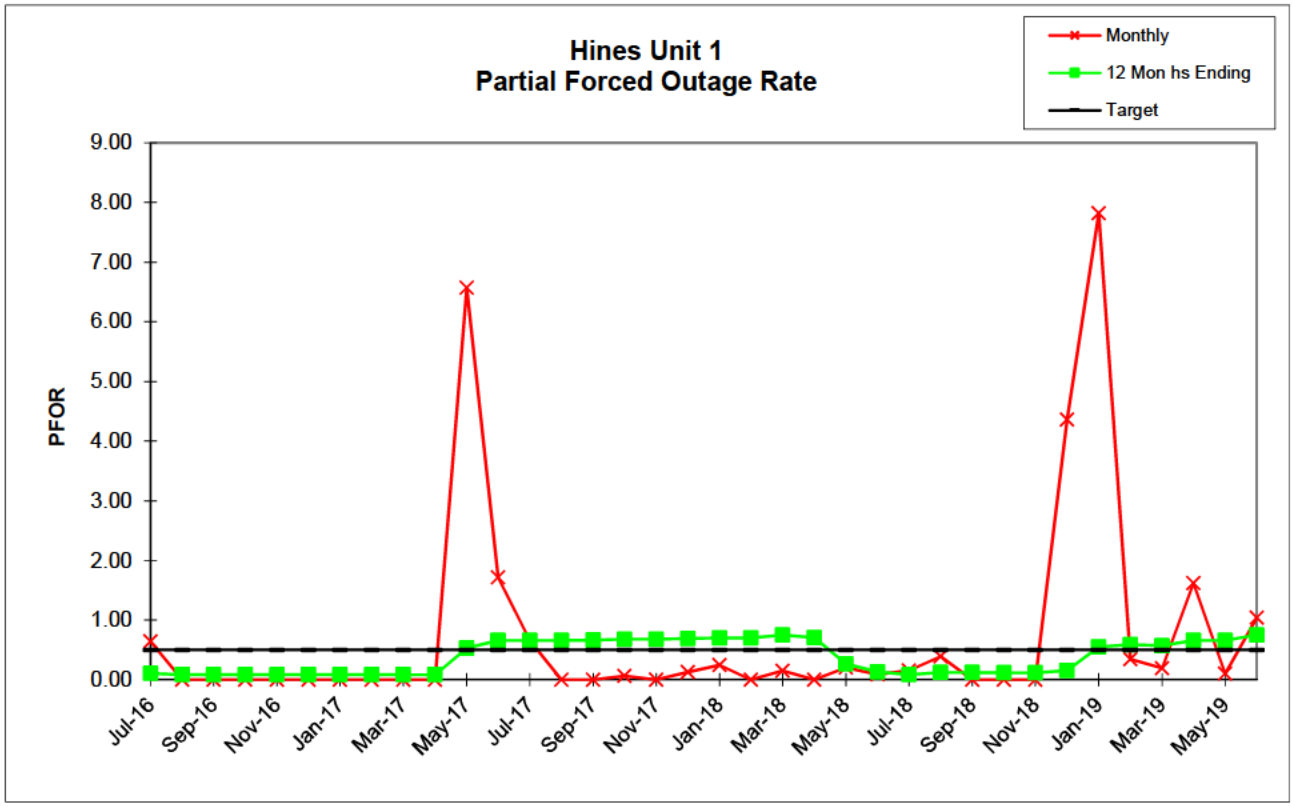
	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19
PER HOURS	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744 00	672.00	743.00	720.00	744.00	720.00
SER HOURS	363.69	495.04	704.70	685.18	732.31	715.07	720.00	580.80	621.72	61.63	356.18	588.34	669.00	259.95	562.87	555.81
RSH	0.05	0.02	15.99	0.00	0.00	2.76	0.00	78.31	63.08	632.44	25.73	17.44	66.37	28.53	181.13	164.19
UH	379.26	224.94	23.31	34.82	11.69	26.18	0.00	84.88	36.20	49.93	362 09	66.22	7.63	431.52	0.00	0.00
POH	359.88	224.94	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	391.94	0.00	0.00
FOH	19.38	0.00	10.84	34.82	0.00	7.36	0.00	3.45	36.20	0.00	6.74	0.00	7.63	39.58	0.00	0.00
MOH	0.00	0.00	12.47	0.00	11.69	18.82	0.00	81.44	0.00	49.93	355 35	66.22	0.00	0.00	0.00	0.00
PFOH	3.56	0.00	10.38	4.32	10.93	22.54	0.00	0.00	0.00	18.06	166.45	12.02	7.32	26.28	5.36	69.26
LRPF	76.57	0.00	67.60	69.07	51.62	61.35	0.00	0.00	0.00	73.61	82 00	82.02	85.08	78.36	51.29	40.97
EFOH	0.55	0.00	1.42	0.60	1.14	2.79	0.00	0.00	0.00	2.69	27 85	2.01	1.27	4.20	0.56	5.79
PMOH	0.00	0.00	11.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	2.66	0.00	0.00
LRPM	0.00	0.00	67.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	78.11	0.00	0.00
EMOH	0.00	0.00	1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.42	0.00	0.00
NPC	495.00	495.00	495.00	495.00	495.00	495.00	495.00	495.00	495.00	495.00	490 00	490.00	490.00	490.00	490.00	490.00

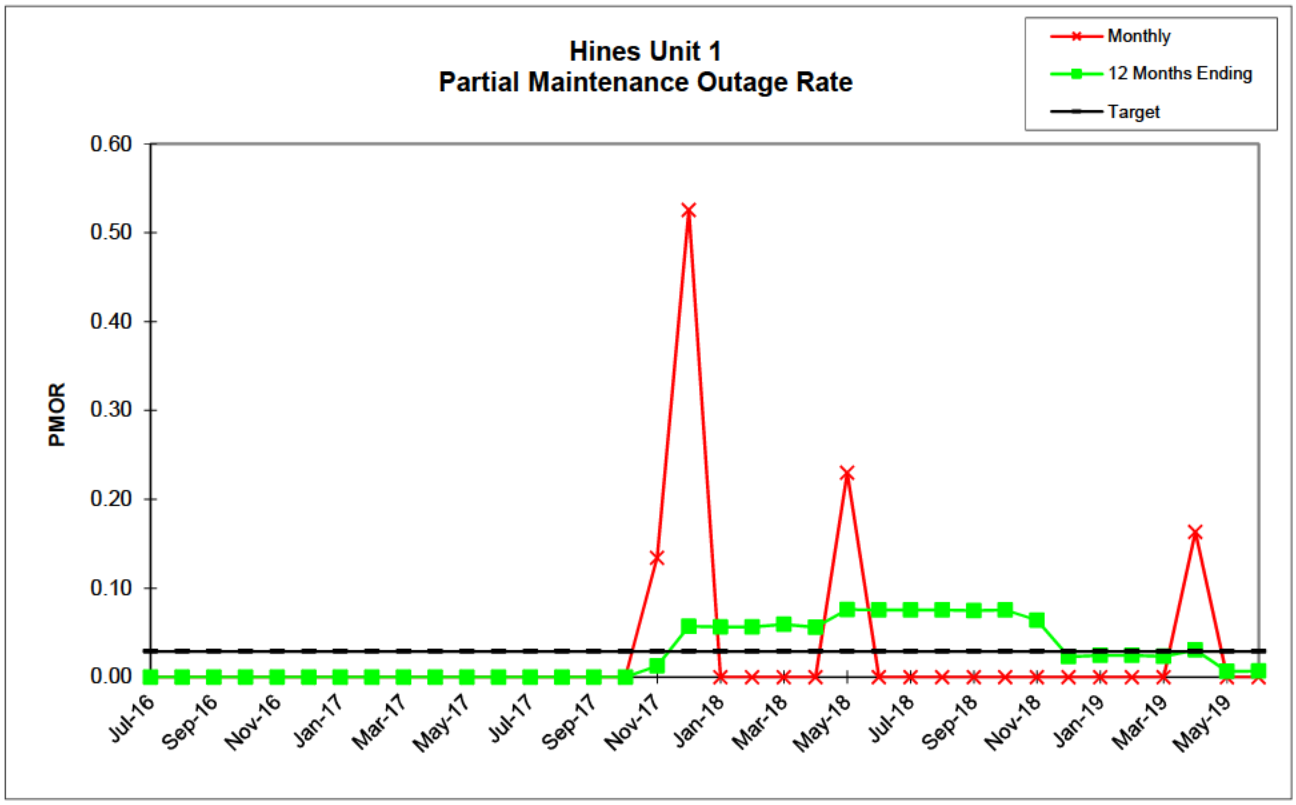
MONTHLY	**Mar-18**	**Apr-18**	**May-18**	**Jun-18**	**Jul-18**	**Aug-18**	**Sep-18**	**Oct-18**	**Nov-18**	**Dec-18**	**Jan-19**	**Feb-19**	**Mar-19**	**Apr-19**	**May-19**	**Jun-19**
FOR	5.06	0.00	1.51	4.84	0.00	1.02	0.00	0.59	5.50	0.00	1 86	0.00	1.13	13.21	0.00	0.00
MOR	0.00	0.00	1.74	0.00	1.57	2.56	0.00	12.30	0.00	44.76	49 94	10.12	0.00	0.00	0.00	0.00
PFOR	0.15	0.00	0.20	0.09	0.16	0.39	0.00	0.00	0.00	4.36	7 82	0.34	0.19	1.62	0.10	1.04
PMOR	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.16	0.00	0.00
EUOR	5.20	0.00	3.62	4.92	1.72	3.91	0.00	12.75	5.50	47.16	54 29	10.42	1.32	14.76	0.10	1.04
EUOF	2.68	0.00	3.54	4.92	1.72	3.89	0.00	11.41	5.02	7.07	52.41	10.15	1.20	6.14	0.08	0.80
POF	48.44	31.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	54.44	0.00	0.00
EAF	48.88	68.76	96.46	95.08	98.28	96.11	100.00	88.59	94.98	92.93	47 59	89.85	98.80	39.42	99.92	99.20

12 MONTHS	**Mar-18**	**Apr-18**	**May-18**	**Jun-18**	**Jul-18**	**Aug-18**	**Sep-18**	**Oct-18**	**Nov-18**	**Dec-18**	**Jan-19**	**Feb-19**	**Mar-19**	**Apr-19**	**May-19**	**Jun-19**
FOR	2.76	2.62	2.29	1.73	1.47	1.57	1.56	1.57	1.91	1.74	1.74	1.76	1.52	2.14	2.03	1.55
MOR	0.64	0.61	0.76	0.75	0.90	1.14	1.13	1.59	1.61	2.41	7 32	8.25	7.92	8.17	8.18	8.33
PFOR	0.75	0.71	0.27	0.13	0.09	0.12	0.12	0.12	0.12	0.15	0 55	0.59	0.57	0.66	0.66	0.75
PMOR	0.06	0.06	0.08	0.08	0.08	0.08	0.07	0.08	0.06	0.02	0 02	0.02	0.02	0.03	0.01	0.01
EUOR	4.15	3.94	3.35	2.66	2.51	2.87	2.85	3.30	3.63	4.23	9 34	10.29	9.75	10.60	10.49	10.31
EUOF	3.48	3.48	3.02	2.40	2.26	2.59	2.59	2.99	3.27	3.56	7 84	8.62	8.50	9.00	8.71	8.37
POF	11.74	7.38	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	6.68	2.57	4.47	4.47	4.47
EAF	84.78	89.14	90 30	90.92	91.06	90.73	90.73	90.34	90.05	89.76	85.48	84.70	88.93	86.52	86.82	87.16


Hines Unit 1
Forced Outage Rate
Monthly
12 Mon hs Ending
Target
FOR
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Hines Unit 1
Maintenance Outage Rate
Monthly
12 Mon hs Ending
Target
MOR
60.00
50.00
40.00
30.00
20.00
10.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Hines Unit 1
Partial Forced Outage Rate
Monthly
12 Mon hs Ending
Target
PFOR
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Hines Unit 1
Partial Maintenance Outage Rate
Monthly
12 Months Ending
Target
PMOR
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
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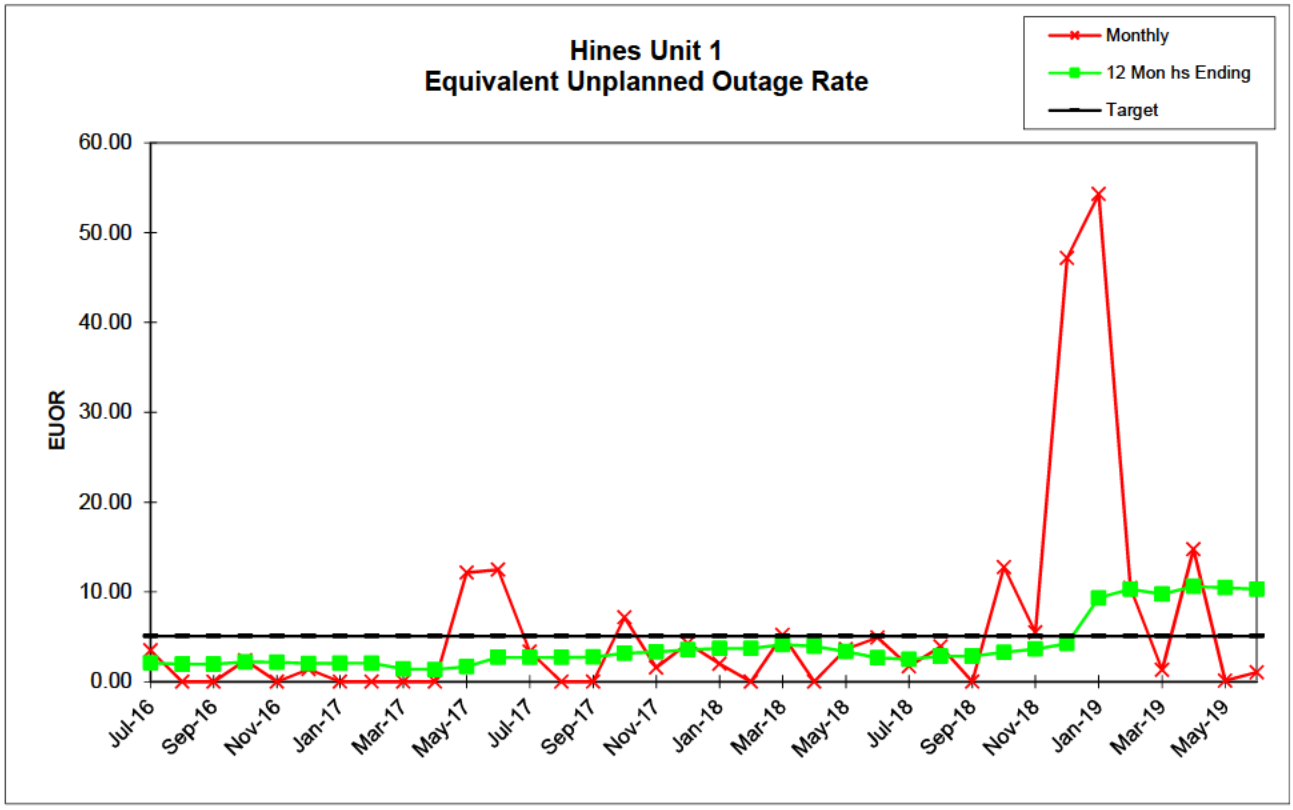
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Hines Unit 1
Equivalent Unplanned Outage Rate
Monthly
12 Mon hs Ending
Target
EUOR
60.00
50.00
40.00
30.00
20.00
10.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
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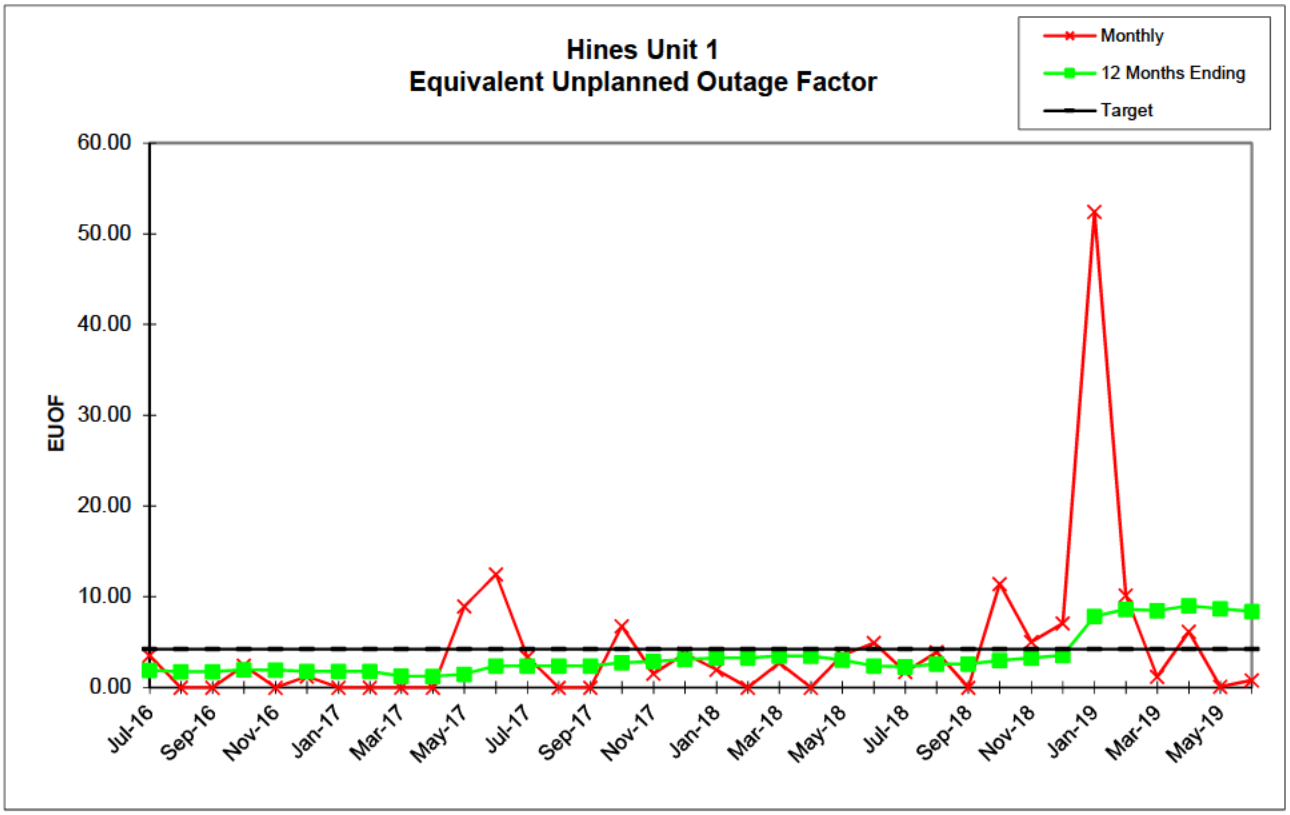
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Hines Unit 1
Equivalent Unplanned Outage Factor
Monthly
12 Months Ending
Target
EUOF
60.00
50.00
40.00
30.00
20.00
10.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19

Hines
Unit 2

	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-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	744 00	672.00	743.00
SER HOURS	744.00	605.51	667.52	736.82	542.18	611.63	646.18	419.64	743.00	672.69	744 00	720.00	738.76	719.49	507.02	148.41	654.39	487.29	693.32	464.52	669.67
RSH	0.00	0.00	17.97	1.05	91.70	126.42	97.82	252.36	0.00	47.31	0 00	0.00	0.00	0.00	14.89	95.14	58.38	256.71	50.68	204.00	2.22
UH	0.00	138.49	34.51	6.13	87.12	5.95	0.00	0.00	0.00	0.00	0 00	0.00	5.24	24.51	198.09	500.45	8.23	0.00	0.00	3.48	71.10
POH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	193.92	500.45	0.00	0.00	0.00	0.00	0.00
FOH	0.00	18.49	7.96	0.00	87.12	5.95	0.00	0.00	0.00	0.00	0 00	0.00	0.00	24.51	4.17	0.00	8.23	0.00	0 00	3.48	71.10
MOH	0.00	120.00	26.55	6.13	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	5.24	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00
PFOH	0.00	2.14	0.00	0.00	104.25	7.03	0.00	0.00	0.00	0.00	0 00	0.00	0.00	28.96	9.20	0.00	9.13	0.00	0 00	3.42	0.00
LRPF	0.00	120.56	0.00	0.00	116.80	116.74	0.00	0.00	0.00	0.00	0 00	0.00	0.00	132.44	133.33	0.00	117.43	0.00	0.00	92.32	0.00
EFOH	0.00	0.47	0.00	0.00	22.30	1.50	0.00	0.00	0.00	0.00	0 00	0.00	0.00	7.04	2.25	0.00	1.97	0.00	0 00	0.60	0.00
PMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	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	0.00	0.00	0.00
NPC	546.00	546.00	546.00	546.00	546.00	546.00	545.00	545.00	545.00	545.00	545 00	545.00	545.00	545.00	545.00	545.00	545.00	545.00	527.00	527.00	527.00

MONTHLY	**Jul-16**	**Aug-16**	**Sep-16**	**Oct-16**	**Nov-16**	**Dec-16**	**Jan-17**	**Feb-17**	**Mar-17**	**Apr-17**	**May-17**	**Jun-17**	**Jul-17**	**Aug-17**	**Sep-17**	**Oct-17**	**Nov-17**	**Dec-17**	**Jan-18**	**Feb-18**	**Mar-18**
FOR	0.00	2.96	1.18	0.00	13.84	0.96	0.00	0.00	0.00	0.00	0 00	0.00	0.00	3.29	0.82	0.00	1.24	0.00	0 00	0.74	9.60
MOR	0.00	16.54	3.83	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00
PFOR	0.00	0.08	0.00	0.00	4.11	0.25	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.98	0.44	0.00	0.30	0.00	0 00	0.13	0.00
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00
EUOR	0.00	18.68	4.92	0.83	17.39	1.21	0.00	0.00	0.00	0.00	0 00	0.00	0.70	4.24	1.26	0.00	1.54	0.00	0 00	0.87	9.60
EUOF	0.00	18.68	4.79	0.82	15.18	1.00	0.00	0.00	0.00	0.00	0 00	0.00	0.70	4.24	0.89	0.00	1.41	0.00	0 00	0.61	9.57
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	26.93	67.26	0.00	0.00	0 00	0.00	0.00
EAF	100.00	81.32	95.21	99.18	84.82	99.00	100.00	100.00	100.00	100.00	100 00	100.00	99.30	95.76	72.17	32.74	98.59	100.00	100.00	99.39	90.43

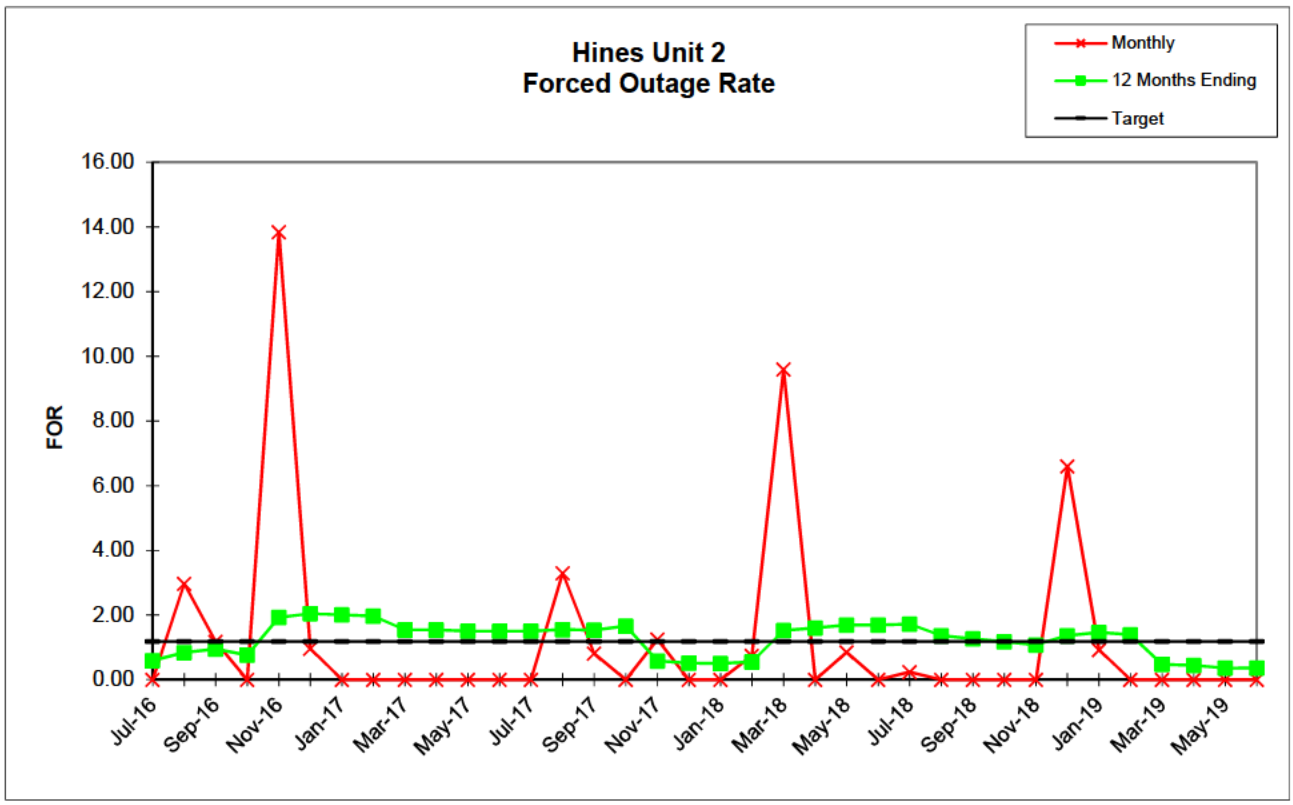
12 MONTHS	**Jul-16**	**Aug-16**	**Sep-16**	**Oct-16**	**Nov-16**	**Dec-16**	**Jan-17**	**Feb-17**	**Mar-17**	**Apr-17**	**May-17**	**Jun-17**	**Jul-17**	**Aug-17**	**Sep-17**	**Oct-17**	**Nov-17**	**Dec-17**	**Jan-18**	**Feb-18**	**Mar-18**
FOR	0.59	0.84	0.95	0.76	1.93	2.04	2.01	1.96	1.54	1.54	1 50	1.50	1.50	1.55	1.54	1.66	0.58	0.51	0 51	0.55	1.52
MOR	0.07	1.64	1.98	2.06	2.10	2.14	2.14	2.11	1.97	1.98	1 91	1.91	1.97	0.47	0.15	0.07	0.07	0.07	0 07	0.07	0.07
PFOR	0.06	0.07	0.07	0.02	0.32	0.35	0.35	0.35	0.32	0.32	0 32	0.31	0.31	0.39	0.42	0.46	0.17	0.16	0.16	0.16	0.16
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	0.00	0.00	0.00
EUOR	0.72	2.52	2.95	2.81	4.26	4.43	4.40	4.33	3.76	3.77	3.66	3.65	3.71	2.39	2.09	2.18	0.83	0.74	0.73	0.78	1.75
EUOF	0.63	2.22	2.61	2.48	3.73	3.81	3.78	3.78	3.51	3.50	3.40	3.38	3.44	2.22	1.90	1.83	0.69	0.61	0.61	0.66	1.47
POF	8.73	8.73	8.73	8.73	8.73	8.73	8.73	6.02	0.00	0.00	0 00	0.00	0.00	0.00	2.21	7.93	7.93	7.93	7 93	7.93	7.93
EAF	90.63	89.05	88.66	88.79	87.54	87.46	87.49	90.21	96.49	96.50	96.60	96.62	96.56	97.78	95.89	90.25	91.38	91.46	91.46	91.42	90.61

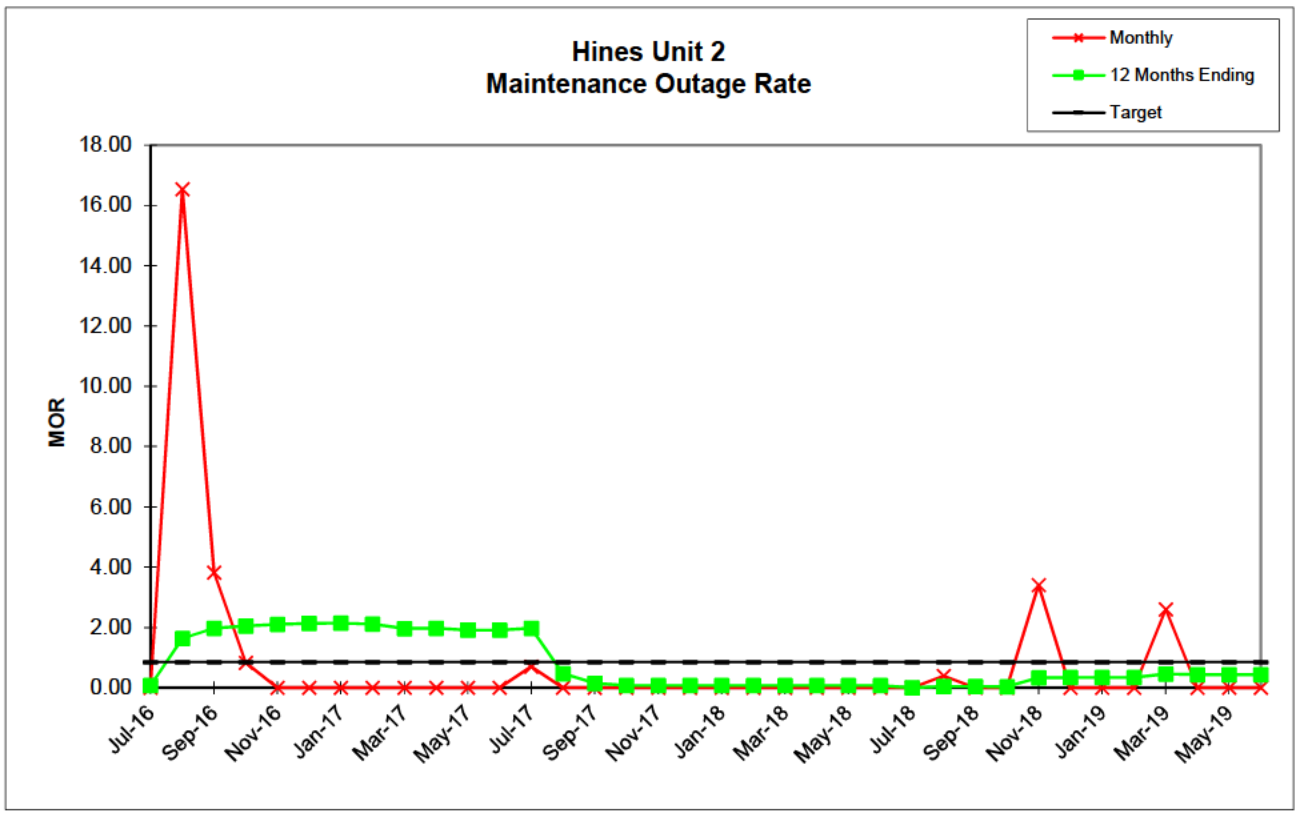
Hines
Unit 2

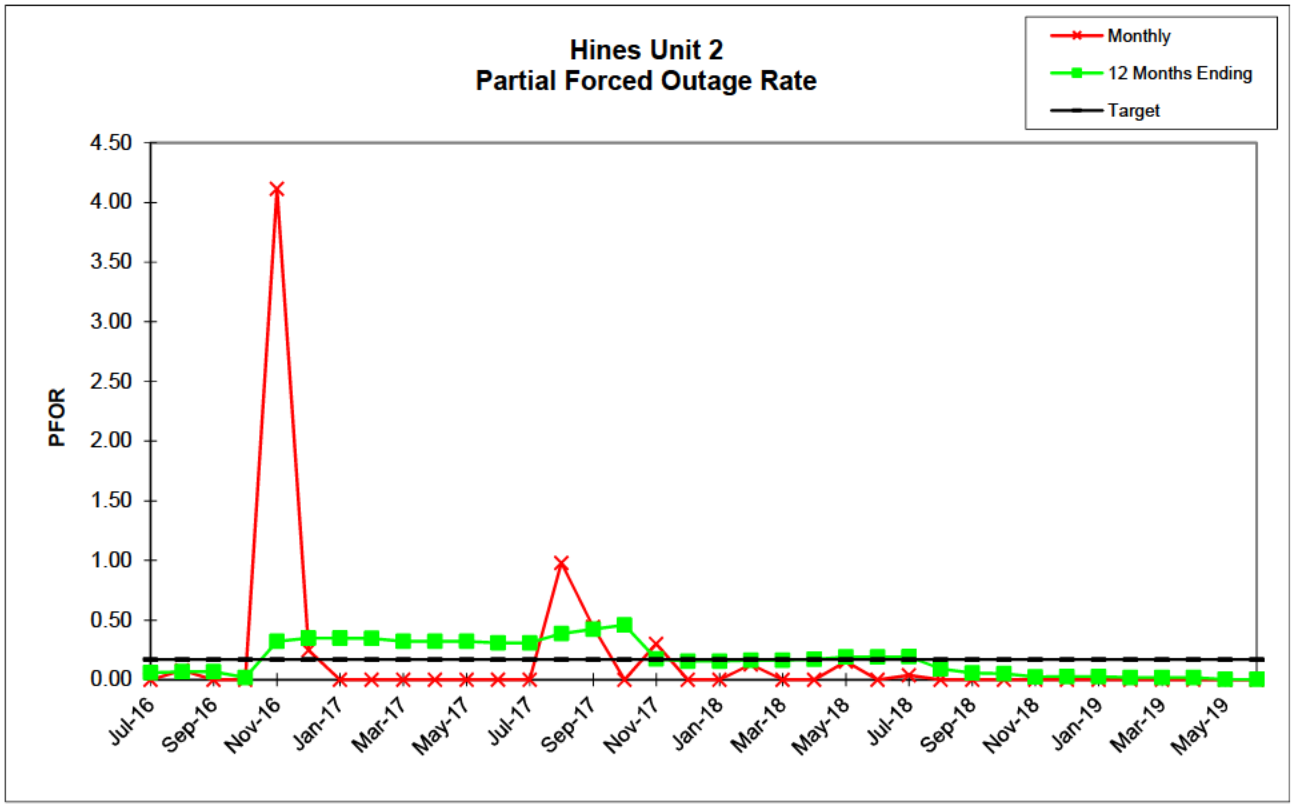
	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19
PER HOURS	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672 00	743.00	720.00	744.00	720.00
SER HOURS	313.00	703.73	720.00	742.21	741.04	720.00	712.89	625.29	285.04	522.14	594.16	262.42	703.77	741.59	693.36
RSH	0.01	0.59	0.00	0.00	0.00	0.00	31.11	73.62	438.84	217.02	77 84	142.29	16.23	2.41	26.64
UH	406.99	39.68	0.00	1.79	2.96	0.00	0.00	22.09	20.13	4.84	0 00	7.00	0.00	0.00	0.00
POH	406.99	33.66	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
FOH	0.00	6.02	0.00	1.79	0.00	0.00	0.00	0.00	20.13	4.84	0 00	0.00	0.00	0.00	0.00
MOH	0.00	0.00	0.00	0.00	2.96	0.00	0.00	22.09	0.00	0.00	0 00	7.00	0.00	0.00	0.00
PFOH	0.00	6.20	0.00	1.76	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00
LRPF	0.00	90.96	0.00	86.19	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00
EFOH	0.00	1.07	0.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00
PMOH	0.00	0.00	0.00	0.00	2.91	0.00	0.00	22.76	0.00	0.00	0 00	0.00	0.00	0.00	0.00
LRPM	0.00	0.00	0.00	0.00	94.40	0.00	0.00	80.33	0.00	0.00	0 00	0.00	0.00	0.00	0.00
EMOH	0.00	0.00	0.00	0.00	0.52	0.00	0.00	3.47	0.00	0.00	0 00	0.00	0.00	0.00	0.00
NPC	527.00	527.00	527.00	527.00	527.00	527.00	527.00	527.00	527.00	512.00	512 00	512.00	512.00	512.00	512.00

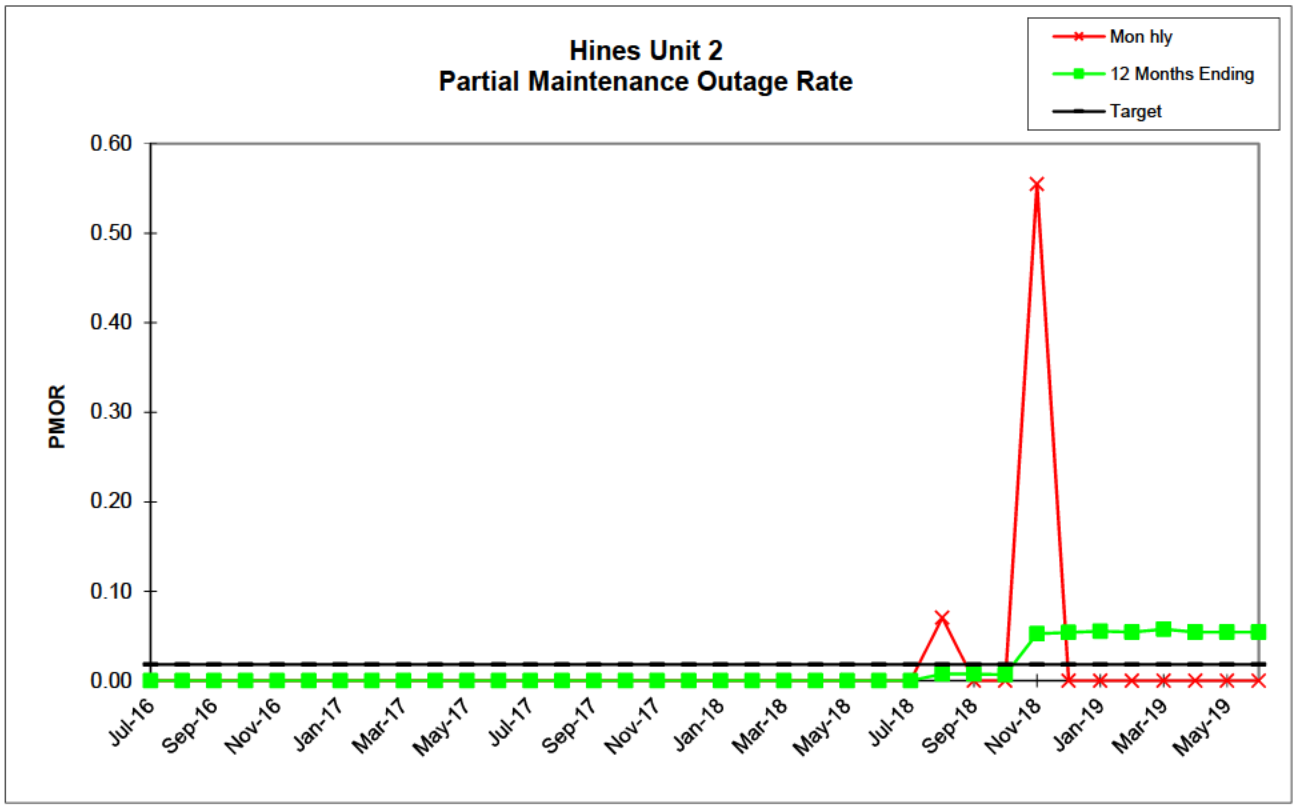
MONTHLY	**Apr-18**	**May-18**	**Jun-18**	**Jul-18**	**Aug-18**	**Sep-18**	**Oct-18**	**Nov-18**	**Dec-18**	**Jan-19**	**Feb-19**	**Mar-19**	**Apr-19**	**May-19**	**Jun-19**
FOR	0.00	0.85	0.00	0.24	0.00	0.00	0.00	0.00	6.60	0.92	0 00	0.00	0.00	0.00	0.00
MOR	0.00	0.00	0.00	0.00	0.40	0.00	0.00	3.41	0.00	0.00	0 00	2.60	0.00	0.00	0.00
PFOR	0.00	0.15	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00
PMOR	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.55	0.00	0.00	0 00	0.00	0.00	0.00	0.00
EUOR	0.00	1.00	0.00	0.28	0.47	0.00	0.00	3.95	6.60	0.92	0 00	2.60	0.00	0.00	0.00
EUOF	0.00	0.95	0.00	0.28	0.47	0.00	0.00	3.54	2.71	0.65	0 00	0.94	0.00	0.00	0.00
POF	56.53	4.52	0.00	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	43.47	94.52	100 00	99.72	99.53	100.00	100.00	96.46	97.29	99.35	100 00	99.06	100.00	100.00	100.00

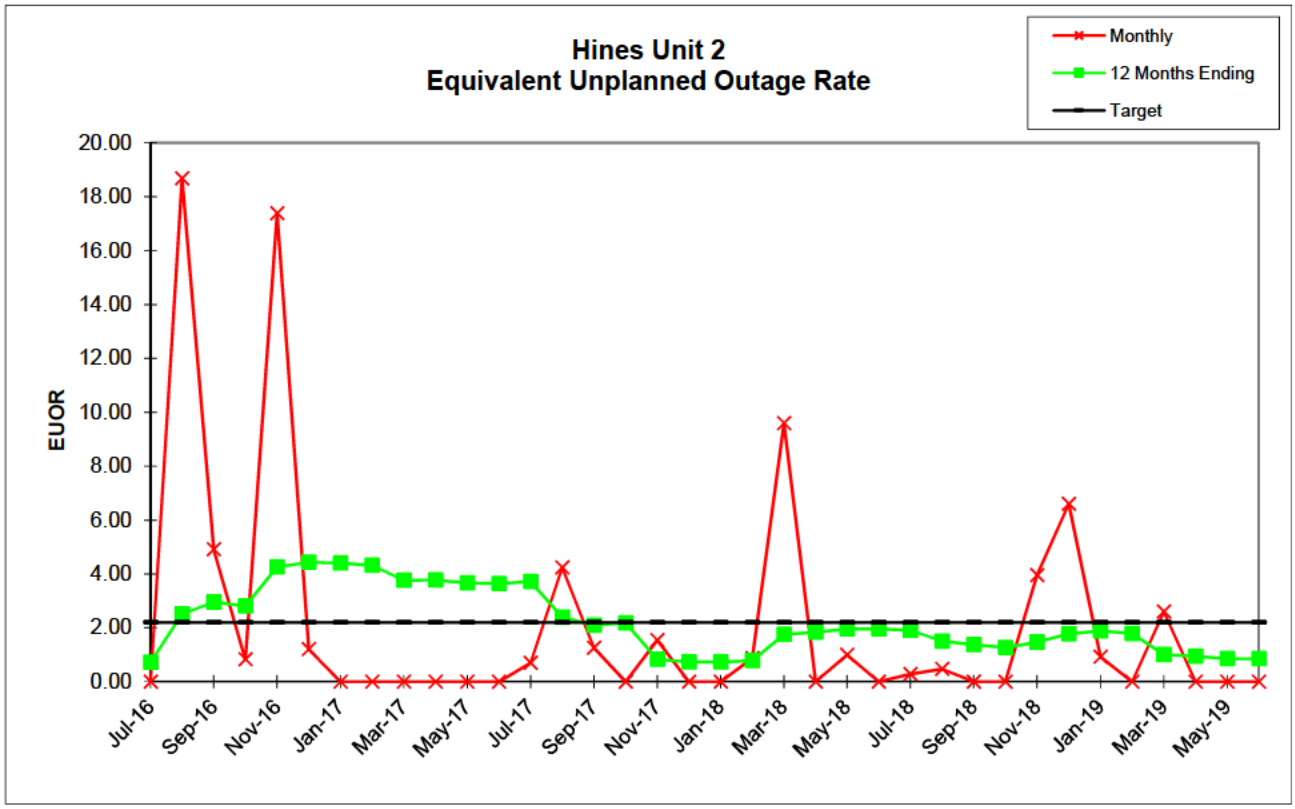
12 MONTHS	**Apr-18**	**May-18**	**Jun-18**	**Jul-18**	**Aug-18**	**Sep-18**	**Oct-18**	**Nov-18**	**Dec-18**	**Jan-19**	**Feb-19**	**Mar-19**	**Apr-19**	**May-19**	**Jun-19**
FOR	1.60	1.69	1.69	1.72	1.37	1.27	1.17	1.07	1.37	1.47	1 39	0.47	0.45	0.36	0.36
MOR	0.08	0.08	0.08	0.00	0.04	0.04	0.04	0.33	0.34	0.35	0 34	0.46	0.44	0.43	0.43
PFOR	0.17	0.19	0.19	0.19	0.09	0.06	0.05	0.03	0.03	0.03	0 02	0.02	0.02	0.00	0.00
PMOR	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.05	0.05	0.06	0 05	0.06	0.05	0.05	0.05
EUOR	1.84	1.95	1.95	1.91	1.50	1.37	1.27	1.47	1.78	1.88	1 80	1.00	0.95	0.85	0.85
EUOF	1.47	1.55	1.55	1.51	1.19	1.12	1.12	1.29	1.52	1.58	1 53	0.80	0.80	0.72	0.72
POF	12.57	12.96	12 96	12.96	12.96	10.74	5.03	5.03	5.03	5.03	5 03	5.03	0.38	0.00	0.00
EAF	85.96	85.49	85.49	85.53	85.85	88.14	93.85	93.68	93.45	93.39	93.44	94.17	98.81	99.28	99.28

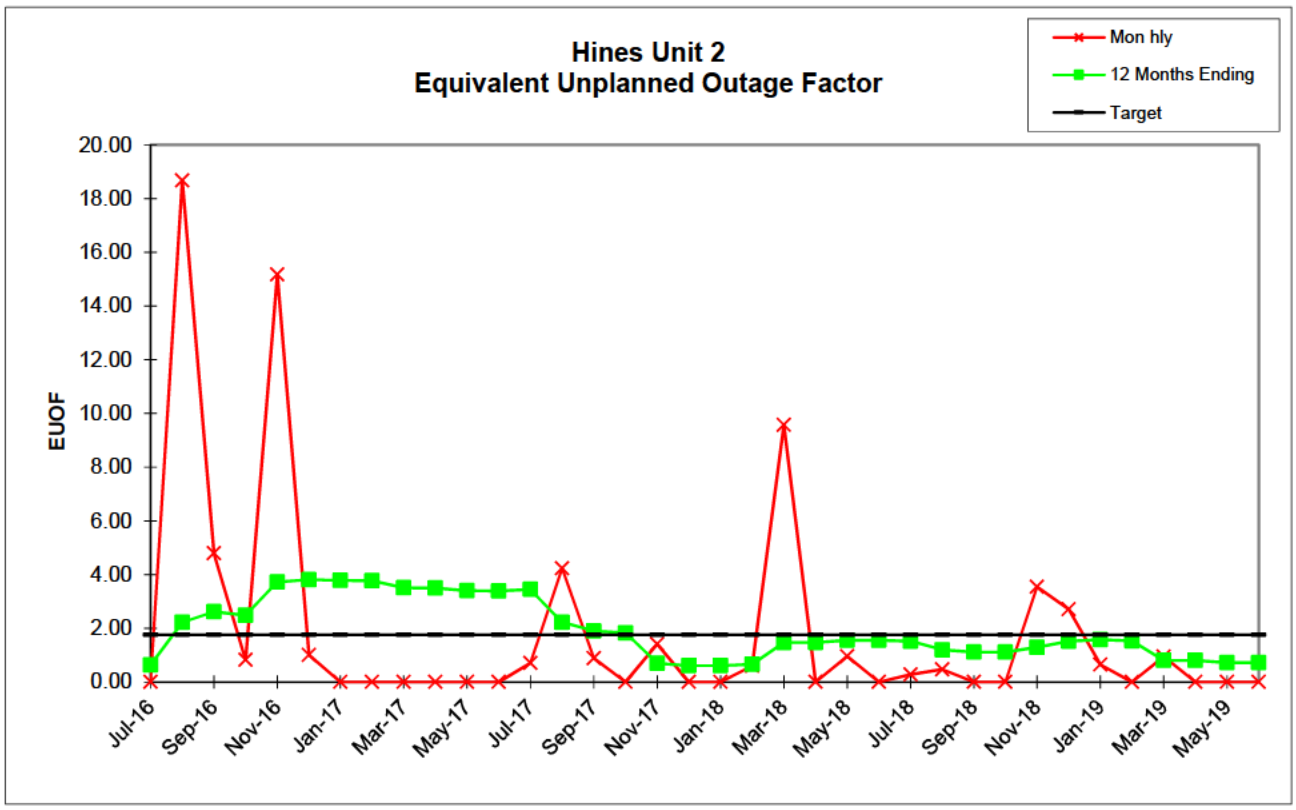

Hines Unit 2
Forced Outage Rate
Monthly
12 Months Ending
Target
FOR
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Hines Unit 2
Maintenance Outage Rate
Monthly
12 Months Ending
Target
MOR
18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Hines Unit 2
Partial Forced Outage Rate
Monthly
12 Months Ending
Target
PFOR
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Hines Unit 2
Partial Maintenance Outage Rate
Mon hly
12 Months Ending
Target
PMOR
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Hines Unit 2
Equivalent Unplanned Outage Rate
Monthly
12 Months Ending
Target
EUOR
20.00
18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Hines Unit 2
Equivalent Unplanned Outage Factor
Mon hly
12 Months Ending
Target
EUOF
20.00
18.00
16.00
14.00
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19

Hines
Unit 3

	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-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	744 00	672.00	743.00
SER HOURS	744.00	734.51	720.00	618.00	554.58	703.30	419.27	606.69	92.94	694.72	712 01	620.74	701.00	744.00	548.72	744.00	597.58	732.16	478.31	413.24	598.18
RSH	0.00	0.00	0.00	26.52	9.92	29.56	304.88	65.31	7.90	25.28	31 25	0.00	0.00	0.00	0.00	0.00	88.09	0.17	262 50	256.47	135.86
UH	0.00	9.49	0.00	99.47	156.50	11.14	19.85	0.00	642.16	0.00	0.74	99.26	43.00	0.00	171.28	0.00	35.33	11.66	3.18	2.28	8.96
POH	0.00	0.00	0.00	76.21	144.78	0.00	0.00	0.00	628.95	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00
FOH	0.00	9.49	0.00	17.74	11.71	5.48	0.08	0.00	13.21	0.00	0.74	99.26	0.00	0.00	171.28	0.00	5.37	11.66	3.18	2.28	0.84
MOH	0.00	0.00	0.00	5.53	0.00	5.66	19.77	0.00	0.00	0.00	0.00	0.00	43.00	0.00	0.00	0.00	29.95	0.00	0 00	0.00	8.11
PFOH	0.00	0.00	0.00	0.00	0.00	7.05	0.09	0.00	0.00	0.00	0 00	0.00	0.00	0.00	137.97	0.00	0.00	6.22	2 94	1.11	0.98
LRPF	0.00	0.00	0.00	0.00	0.00	111.45	111.56	0.00	0.00	0.00	0 00	0.00	0.00	0.00	111.06	0.00	0.00	112.04	81 03	80.98	81.33
EFOH	0.00	0.00	0.00	0.00	0.00	1.44	0.02	0.00	0.00	0.00	0 00	0.00	0.00	0.00	28.22	0.00	0.00	1.28	0.46	0.17	0.15
PMOH	0.00	0.00	0.00	0.00	0.00	0.00	22.68	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	19.34	0.00	0.00	0.00	7.93
LRPM	0.00	0.00	0.00	0.00	0.00	0.00	110.04	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	108.08	0.00	0 00	0.00	82.96
EMOH	0.00	0.00	0.00	0.00	0.00	0.00	4.60	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	3.85	0.00	0 00	0.00	1.26
NPC	544.00	544.00	544.00	544.00	544.00	544.00	543.00	543.00	543.00	543.00	543 00	543.00	543.00	543.00	543.00	543.00	543.00	543.00	521.00	521.00	521.00

MONTHLY	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18
FOR	0.00	1.28	0.00	2.79	2.07	0.77	0.02	0.00	12.44	0.00	0.10	13.79	0.00	0.00	23.79	0.00	0.89	1.57	0.66	0.55	0.14
MOR	0.00	0.00	0.00	0.89	0.00	0.80	4.50	0.00	0.00	0.00	0 00	0.00	5.78	0.00	0.00	0.00	4.77	0.00	0 00	0.00	1.34
PFOR	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	5.14	0.00	0.00	0.18	0.10	0.04	0.03
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	1.10	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0 00	0.00	0.21
EUOR	0.00	1.28	0.00	3.63	2.07	1.76	5.57	0.00	12.44	0.00	0.10	13.79	5.78	0.00	27.71	0.00	6.19	1.74	0.76	0.59	1.71
EUOF	0.00	1.28	0.00	3.13	1.62	1.69	3.29	0.00	1.78	0.00	0.10	13.79	5.78	0.00	27.71	0.00	5.43	1.74	0.49	0.36	1.40
POF	0.00	0.00	0.00	10.24	20.08	0.00	0.00	0.00	84.65	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00
EAF	100.00	98.72	100.00	86.63	78.30	98.31	96.71	100.00	13.57	100.00	99 90	86.21	94.22	100.00	72.29	100.00	94.57	98.26	99 51	99.64	98.60

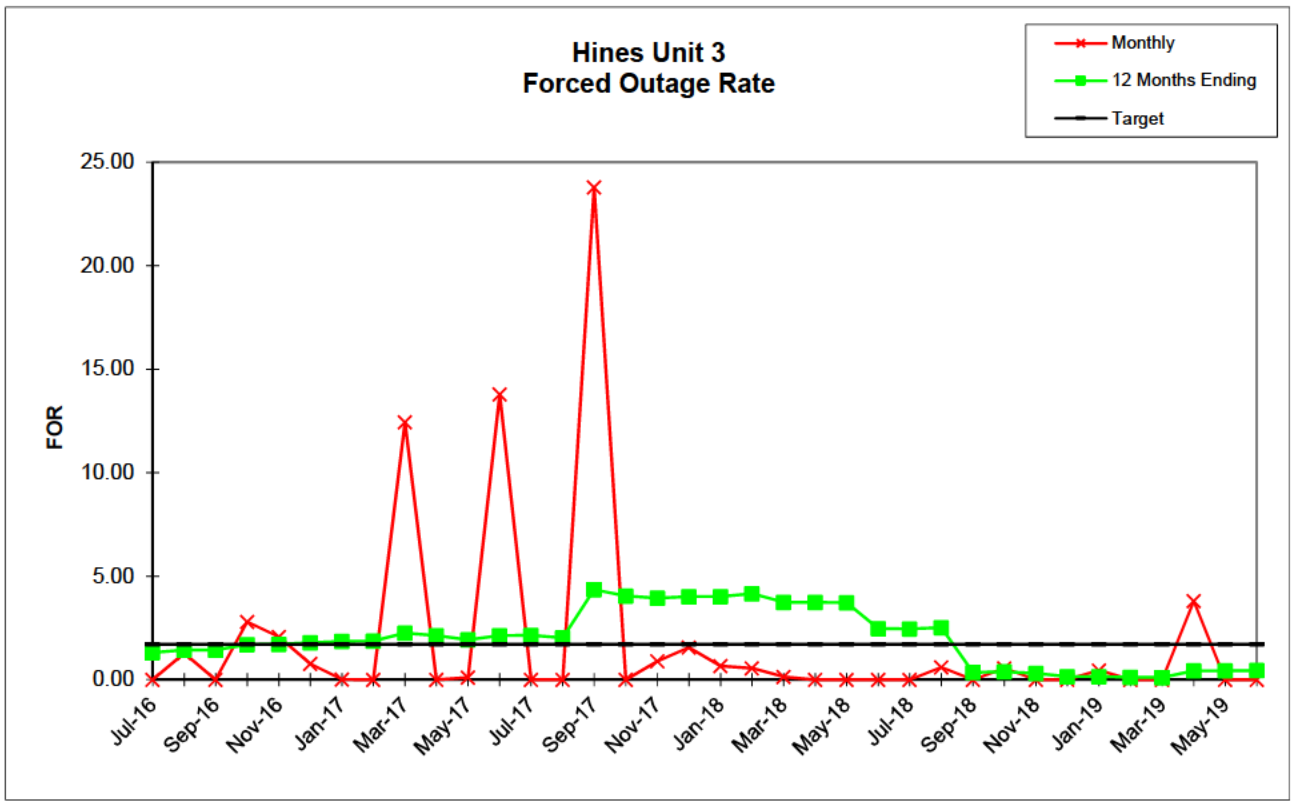
12 MONTHS	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18
FOR	1.32	1.44	1.44	1.70	1.72	1.79	1.86	1.87	2.26	2.14	1 94	2.14	2.15	2.02	4.36	4.05	3.95	4.01	4 02	4.16	3.74
MOR	0.26	0.26	0.21	0.29	0.30	0.38	0.68	0.68	0.75	0.49	0.44	0.43	1.02	1.02	1.04	0.95	1.35	1.27	0 99	1.02	1.06
PFOR	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0 02	0.02	0.02	0.02	0.42	0.42	0.41	0.41	0.41	0.43	0.40
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.07	0.07	0 07	0.06	0.06	0.06	0.07	0.06	0.12	0.12	0 05	0.05	0.07
EUOR	1.56	1.69	1.65	1.99	2.01	2.17	2.60	2.62	3.07	2.71	2.45	2.63	3.21	3.08	5.77	5.38	5.70	5.68	5 38	5.55	5.16
EUOF	1.33	1.44	1.40	1.66	1.65	1.79	2.07	2.08	2.23	1.99	1 99	2.22	2.71	2.61	4.88	4.62	4.93	4.93	4.70	4.73	4.69
POF	13.22	13.22	13.22	14.09	15.74	15.10	15.10	15.14	22.32	21.23	12.74	9.70	9.70	9.70	9.70	8.83	7.18	7.18	7.18	7.18	0.00
EAF	85.45	85.34	85.38	84.25	82.61	83.11	82.83	82.78	75.45	76.78	85 27	88.07	87.58	87.69	85.41	86.55	87.89	87.89	88.12	88.10	95.31

Hines
Unit 3

	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19
PER HOURS	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744.00	672 00	743.00	720.00	744.00	720.00
SER HOURS	705.76	710.57	720.00	731.95	739.49	673.52	39.01	605.99	706.70	700.11	638 34	343.61	606.56	744.00	604.15
RSH	1.44	11.55	0.00	0.00	0.00	0.00	0.00	113.58	37.30	40.69	33.66	399.39	86.52	0.00	115.85
UH	12.80	21.89	0.00	12.05	4.51	46.48	704.99	1.43	0.00	3.20	0 00	0.00	26.93	0.00	0.00
POH	0.00	0.00	0.00	0.00	0.00	46.48	704.77	1.43	0.00	0.00	0 00	0.00	0.00	0.00	0.00
FOH	0.00	0.00	0.00	0.00	4.51	0.00	0.22	0.00	0.00	3.20	0 00	0.00	23.93	0.00	0.00
MOH	12.80	21.89	0.00	12.05	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	3.00	0.00	0.00
PFOH	0.00	39.40	0.00	0.00	4.40	0.00	0.00	0.00	0.00	3.28	0 00	0.00	24.53	0.00	3.68
LRPF	0.00	64.74	0.00	0.00	86.01	0.00	0.00	0.00	0.00	75.32	0 00	0.00	80.41	0.00	49.58
EFOH	0.00	4.90	0.00	0.00	0.73	0.00	0.00	0.00	0.00	0.48	0 00	0.00	3.82	0.00	0.35
PMOH	12.50	9.07	0.00	11.77	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00
LRPM	81.65	83.99	0.00	87.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00
EMOH	1.96	1.46	0.00	1.97	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00
NPC	521.00	521.00	521.00	521.00	521.00	521.00	521.00	521.00	521.00	516.00	516 00	516.00	516.00	516.00	516.00

MONTHLY	**Apr-18**	**May-18**	**Jun-18**	**Jul-18**	**Aug-18**	**Sep-18**	**Oct-18**	**Nov-18**	**Dec-18**	**Jan-19**	**Feb-19**	**Mar-19**	**Apr-19**	**May-19**	**Jun-19**
FOR	0.00	0.00	0.00	0.00	0.61	0.00	0.56	0.00	0.00	0.45	0 00	0.00	3.80	0.00	0.00
MOR	1.78	2.99	0.00	1.62	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.49	0.00	0.00
PFOR	0.00	0.69	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.07	0 00	0.00	0.63	0.00	0.06
PMOR	0.28	0.21	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00
EUOR	2.05	3.86	0.00	1.88	0.70	0.00	0.56	0.00	0.00	0.52	0 00	0.00	4.85	0.00	0.06
EUOF	2.05	3.80	0.00	1.88	0.70	0.00	0.03	0.00	0.00	0.49	0 00	0.00	4.27	0.00	0.05
POF	0.00	0.00	0.00	0.00	0.00	6.46	94.73	0.20	0.00	0.00	0 00	0.00	0.00	0.00	0.00
EAF	97.95	96.20	100 00	98.12	99.30	93.54	5.24	99.80	100.00	99.51	100 00	100.00	95.73	100.00	99.95

12 MONTHS	**Apr-18**	**May-18**	**Jun-18**	**Jul-18**	**Aug-18**	**Sep-18**	**Oct-18**	**Nov-18**	**Dec-18**	**Jan-19**	**Feb-19**	**Mar-19**	**Apr-19**	**May-19**	**Jun-19**
FOR	3.73	3.73	2.47	2.46	2.51	0.35	0.39	0.32	0.15	0.15	0.12	0.11	0.44	0.44	0.44
MOR	1.22	1.50	1.48	1.09	1.09	1.07	1.17	0.76	0.76	0.74	0.72	0.63	0.51	0.21	0.21
PFOR	0.40	0.46	0.46	0.46	0.47	0.10	0.11	0.11	0.09	0.09	0 08	0.08	0.14	0.07	0.08
PMOR	0.09	0.11	0.11	0.14	0.14	0.13	0.15	0.09	0.09	0.09	0 09	0.07	0.05	0.03	0.03
EUOR	5.33	5.66	4.42	4.06	4.13	1.64	1.81	1.27	1.10	1.07	1 00	0.90	1.13	0.74	0.76
EUOF	4.86	5.18	4.04	3.71	3.77	1.49	1.50	1.05	0.90	0.90	0 87	0.76	0.94	0.62	0.62
POF	0.00	0.00	0.00	0.00	0.00	0.53	8.58	8.59	8.59	8.59	8 59	8.59	8.59	8.59	8.59
EAF	95.14	94.82	95.96	96.29	96.23	97.98	89.93	90.36	90.51	90.51	90 53	90.65	90.47	90.79	90.79


Hines Unit 3
Forced Outage Rate
Monthly
12 Months Ending
Target
FOR
25.00
20.00
15.00
10.00
5.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
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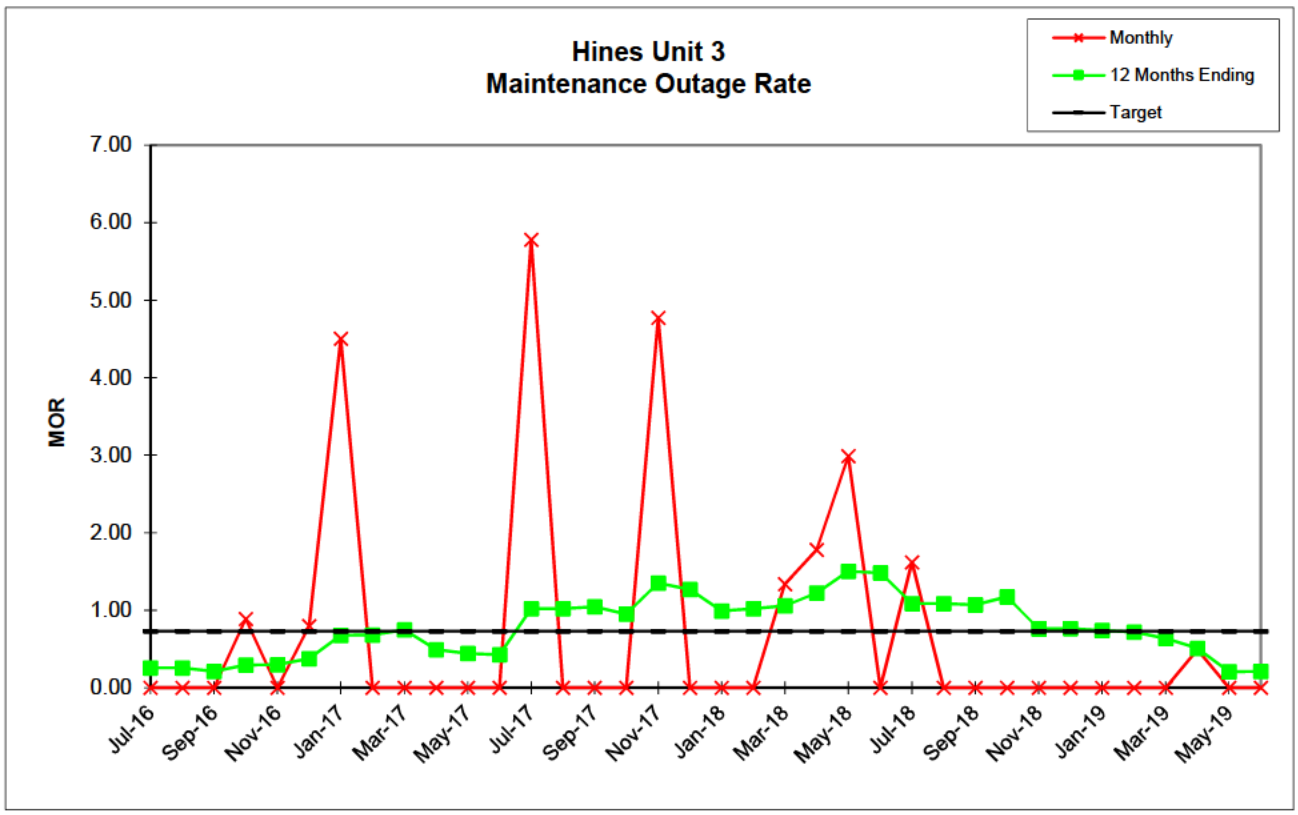
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Hines Unit 3
Maintenance Outage Rate
Monthly
12 Months Ending
Target
MOR
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
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Nov-17
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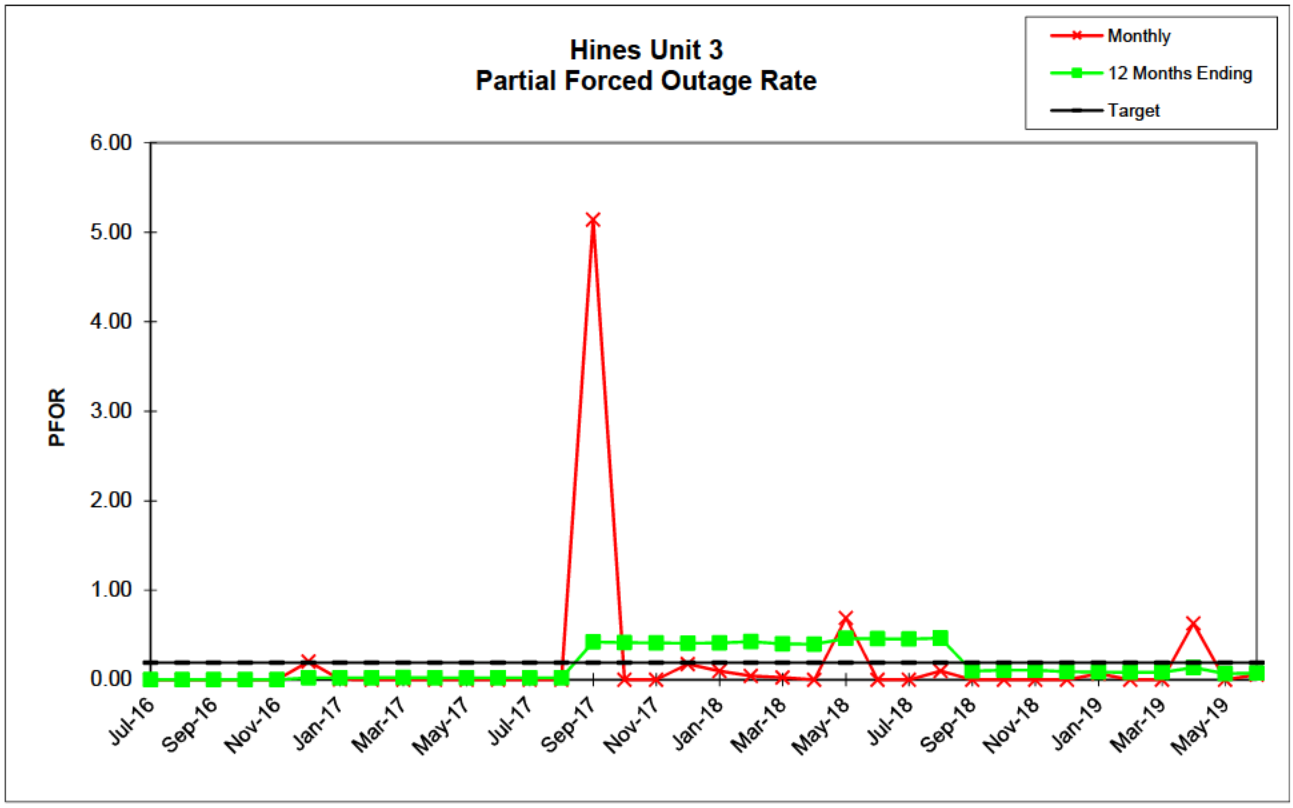
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Hines Unit 3
Partial Forced Outage Rate
Monthly
12 Months Ending
Target
PFOR
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
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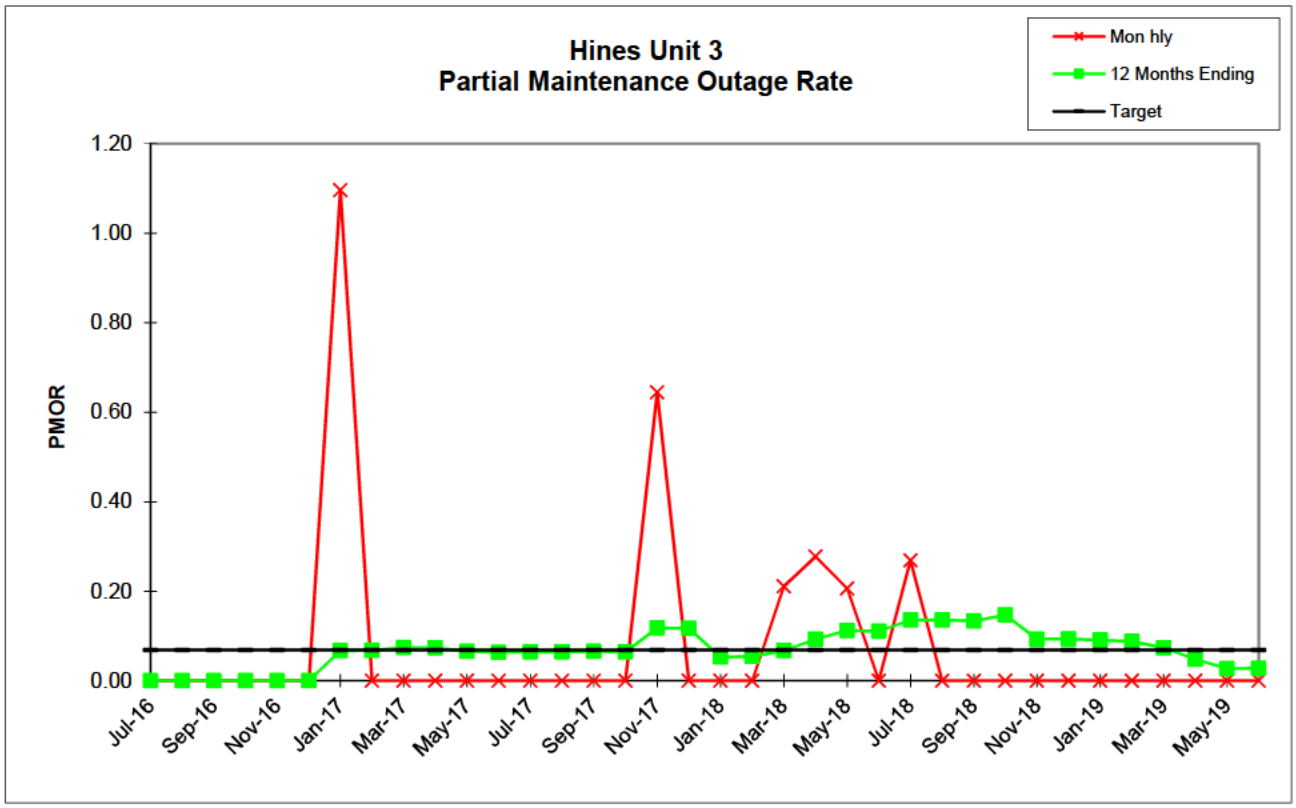
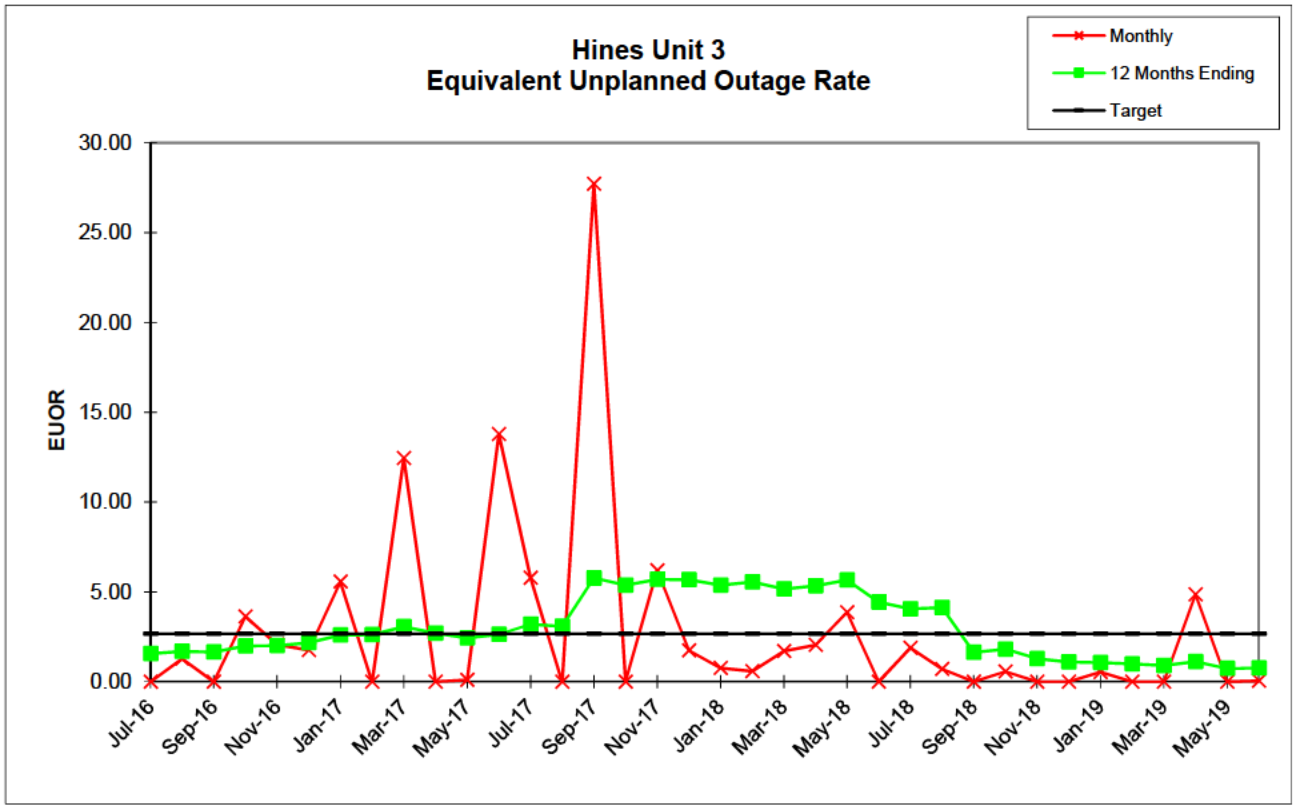
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Hines Unit 3
Partial Maintenance Outage Rate
Mon hly
12 Months Ending
Target
PMOR
1.20
1.00
0.80
0.60
0.40
0.20
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Hines Unit 3
Equivalent Unplanned Outage Rate
Monthly
12 Months Ending
Target
EUOR
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
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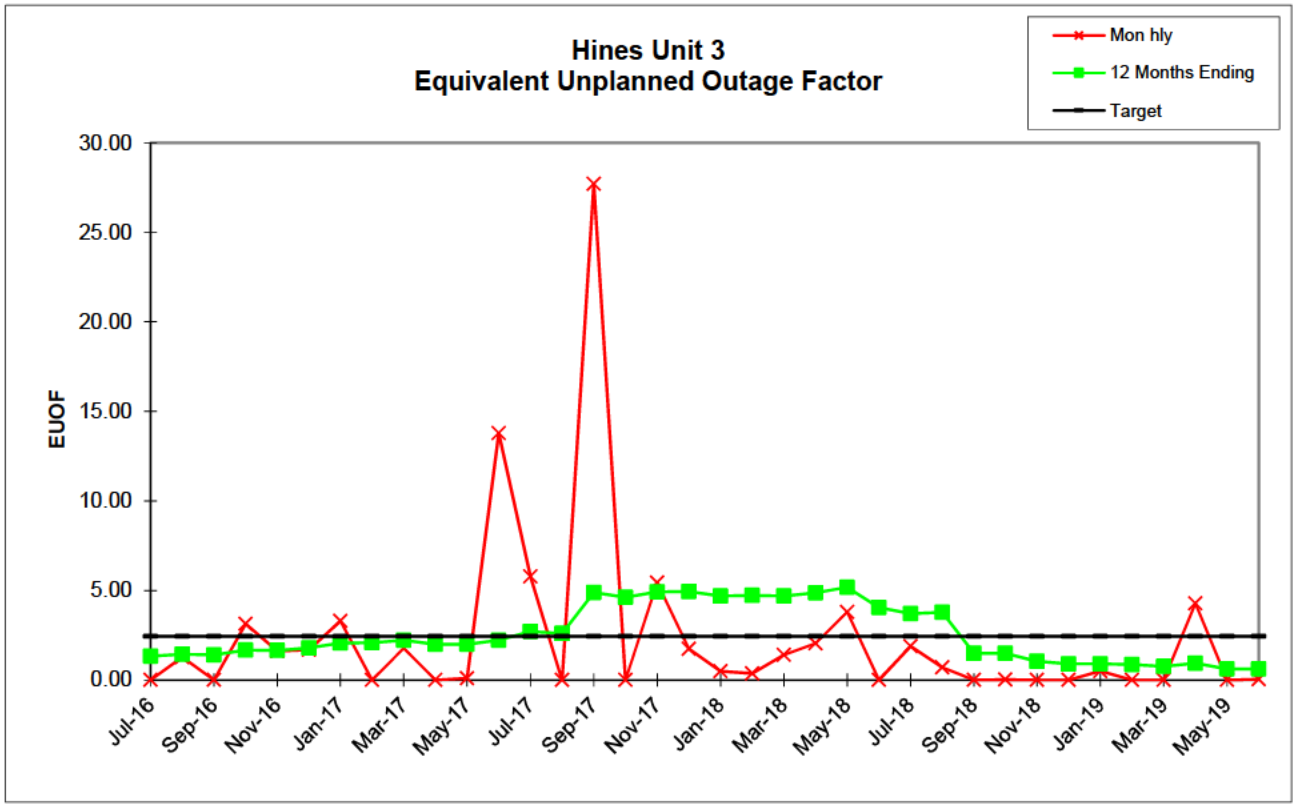
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Hines Unit 3
Equivalent Unplanned Outage Factor
Mon hly
12 Months Ending
Target
EUOF
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19

Hines
Unit 4

	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
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	0.00	167.28	720.00	574.12	440.25	404.42	627.78	522 95	743.00	693.40	696.30	683.45	675.38	708.20	711.67	741.07	212.06	377.19
RSH	0.00	0.00	0.00	38.63	9.60	2 84	116.22	148 30	0.00	0.00	36.82	18.81	9.16	2.29	8.33	0.00	18.28	78.42
UH	744.00	576.72	0.00	131.25	271.15	336.74	0.00	0.75	0.00	26.60	10.88	17.74	59.46	33.51	0.00	2.93	490.66	288.39
POH	0.00	0.00	0.00	130.53	230.12	320 04	0.00	0 00	0.00	13.83	0.00	0.00	0.00	0.00	0.00	0.00	489.55	288.39
FOH	744.00	576.72	0.00	0.73	0.32	0.00	0.00	0.75	0.00	12.76	10.88	2.72	50.46	33.51	0.00	2.93	1.11	0.00
MOH	0.00	0.00	0.00	0.00	40.71	16.70	0.00	0 00	0.00	0.00	0.00	15.02	9.01	0.00	0.00	0.00	0.00	0.00
PFOH	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0 84	0.00	0.00	12.25	50.05	171.67	20.32	0.00	3.30	1.25	0.00
LRPF	0.00	0.00	0.00	0.00	0.00	0 00	0.00	106 85	0.00	0.00	119.76	70.27	74.14	67.81	0.00	87.68	99.69	0.00
EFOH	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.17	0.00	0.00	2.78	6.67	24.15	2.61	0.00	0.55	0.24	0.00
PMOH	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LRPM	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EMOH	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPC	528.00	528.00	528.00	528.00	528.00	528.00	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-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
FOR	100.00	77.52	0.00	0.13	0.07	0 00	0.00	0.14	0.00	1.81	1.54	0.40	6.95	4.52	0.00	0.39	0.52	0.00
MOR	0.00	0.00	0.00	0.00	8.46	3.97	0.00	0 00	0.00	0.00	0.00	2.15	1.32	0.00	0.00	0.00	0.00	0.00
PFOR	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0 03	0.00	0.00	0.40	0.98	3.58	0.37	0.00	0.07	0.11	0.00
PMOR	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EUOR	100.00	77.52	0.00	0.13	8.53	3 97	0.00	0.18	0.00	1.81	1.93	3.48	11.38	4.87	0.00	0.47	0.63	0.00
EUOF	100.00	77.52	0.00	0.10	5.69	2 24	0.00	0.14	0.00	1.77	1.84	3.39	11.24	4.86	0.00	0.47	0.19	0.00
POF	0.00	0.00	0.00	17.54	31.92	43 02	0.00	0 00	0.00	1.92	0.00	0.00	0.00	0.00	0.00	0.00	67.90	38.76
EAF	0.00	22.48	100.00	82.36	62.39	54.74	100.00	99 86	100.00	96.31	98.16	96.61	88.76	95.14	100.00	99.53	31.91	61.24

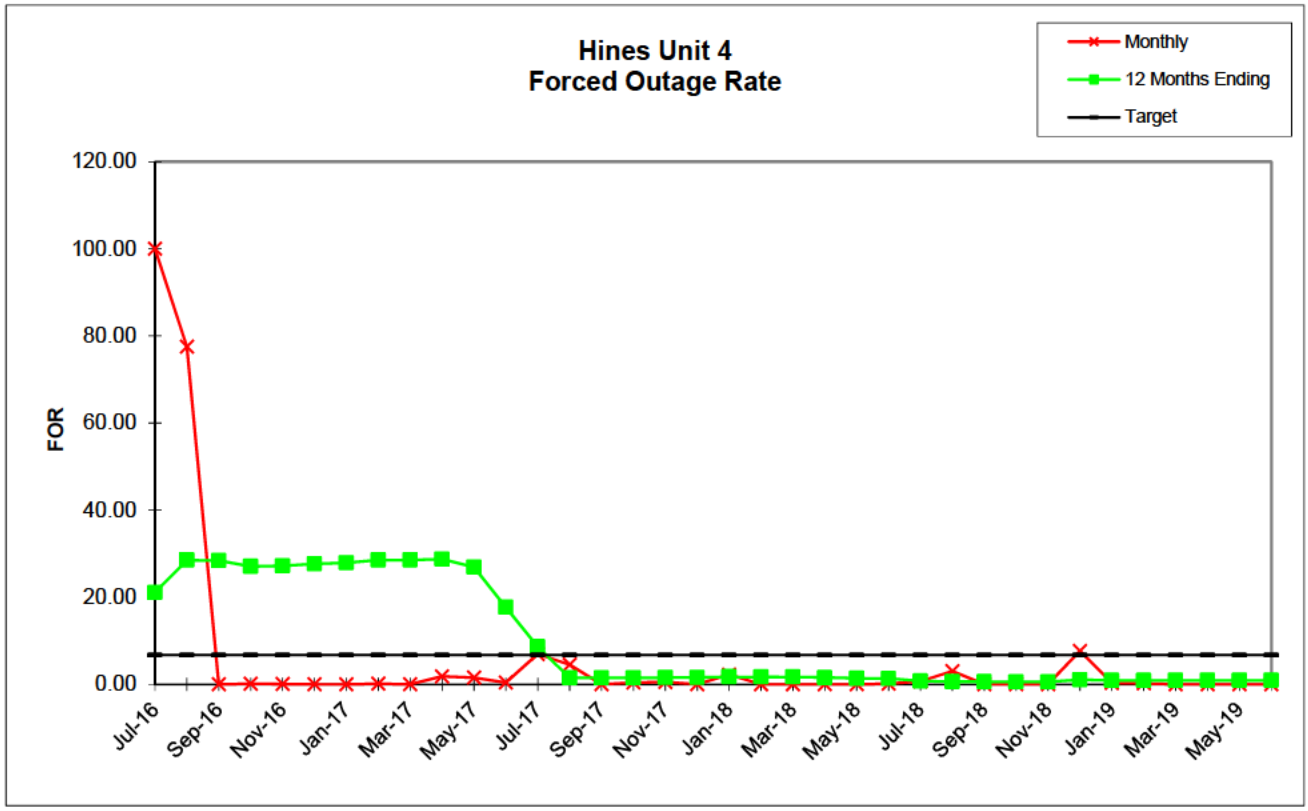
12 MONTHS	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
FOR	21.06	28.51	28.41	27.07	27.20	27.65	27.90	28 53	28.53	28.75	26.91	17.70	8.62	1.48	1.48	1.47	1.53	1.53
MOR	0.28	0.31	0.31	0.29	0.97	1 28	1.30	1 34	1.34	1.35	1.02	1.14	1.16	1.08	1.08	1.05	0.55	0.32
PFOR	0.37	0.41	0.41	0.38	0.39	0.40	0.40	0.42	0.42	0.42	0.05	0.15	0.49	0.49	0.49	0.48	0.50	0.50
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	21.54	28.96	28.86	27.50	28.00	28.61	28.86	29 51	29.51	29.73	27.49	18.60	10.03	2.99	3.00	2.97	2.55	2.34
EUOF	19.04	25.61	25.61	25.62	26.08	26.15	26.08	26.16	26.16	26.30	24.21	16.33	8.80	2.63	2.63	2.66	2.20	2.01
POF	10.65	10.65	10.65	5.81	5.80	7.75	7.75	7.77	7.77	7.93	7.93	7.93	7.93	7.93	7.93	6.44	9.40	9.04
EAF	70.31	63.74	63.74	68.58	68.12	66.10	66.17	66 07	66.07	65.77	67.87	75.74	83.28	89.45	89.45	90.91	88.40	88.95

Hines
Unit 4

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19
PER HOURS	744.00	672.00	743.00	720.00	744.00	720.00	744.00	744 00	720.00	744 00	721.00	744.00	744.00	672.00	743.00	720.00	744.00	720.00
SER HOURS	574.23	630.03	743.00	697.74	744.00	718.97	734.94	715 29	720.00	640.18	0.00	436.62	677.19	637.21	680.19	678.23	738.92	603.62
RSH	156.80	41.97	0.00	4.75	0.00	0.00	0.00	5.44	0.00	103.82	328.02	76.72	64.80	33.43	62.81	41.77	5.08	116.38
UH	12.97	0.00	0.00	17.52	0.00	1.03	9.06	23 27	0.00	0.00	392.98	230.66	2.01	1.35	0.00	0.00	0.00	0.00
POH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	392.98	194.46	0.00	0.00	0.00	0.00	0.00	0.00
FOH	12.97	0.00	0.00	0.00	0.00	1.03	4.99	22 28	0.00	0.00	0.00	36.20	2.01	1.35	0.00	0.00	0.00	0.00
MOH	0.00	0.00	0.00	17.52	0.00	0.00	4.07	0 99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PFOH	11.99	0.00	0.00	0.00	0.58	0.97	4.71	57 32	0.00	0.00	0.00	19.40	0.00	0.00	8.50	0.00	2.11	0.00
LRPF	69.17	0.00	0.00	0.00	54.26	76.15	71.10	34 84	0.00	0.00	0.00	67.16	0.00	0.00	38.73	0.00	55.13	0.00
EFOH	1.65	0.00	0.00	0.00	0.06	0.15	0.66	3 96	0.00	0.00	0.00	2.59	0.00	0.00	0.64	0.00	0.23	0.00
PMOH	0.00	0.00	0.00	16.52	0.00	0.00	3.84	0 00	0.00	0.00	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.00
LRPM	0.00	0.00	0.00	78.14	0.00	0.00	79.10	0 00	0.00	0.00	0.00	0.00	0.00	78.08	0.00	0.00	0.00	0.00
EMOH	0.00	0.00	0.00	2.56	0.00	0.00	0.60	0 00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00
NPC	504.00	504.00	504.00	504.00	504.00	504.00	504.00	504 00	504.00	504 00	504.00	504.00	516.00	516.00	516.00	516.00	516.00	516.00

MONTHLY	**Jan-18**	**Feb-18**	**Mar-18**	**Apr-18**	**May-18**	**Jun-18**	**Jul-18**	**Aug-18**	**Sep-18**	**Oct-18**	**Nov-18**	**Dec-18**	**Jan-19**	**Feb-19**	**Mar-19**	**Apr-19**	**May-19**	**Jun-19**
FOR	2.21	0.00	0.00	0.00	0.00	0.14	0.67	3 02	0.00	0.00	0.00	7.66	0.30	0.21	0.00	0.00	0.00	0.00
MOR	0.00	0.00	0.00	2.45	0.00	0.00	0.55	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PFOR	0.29	0.00	0.00	0.00	0.01	0.02	0.09	0 55	0.00	0.00	0.00	0.59	0.00	0.00	0.09	0.00	0.03	0.00
PMOR	0.00	0.00	0.00	0.37	0.00	0.00	0.08	0 00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
EUOR	2.49	0.00	0.00	2.81	0.01	0.16	1.39	3.69	0.00	0.00	0.00	8.20	0.30	0.24	0.09	0.00	0.03	0.00
EUOF	1.96	0.00	0.00	2.79	0.01	0.16	1.39	3.66	0.00	0.00	0.00	5.21	0.27	0.23	0.09	0.00	0.03	0.00
POF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	54.50	26.14	0.00	0.00	0.00	0.00	0.00	0.00
EAF	98.04	100.00	100.00	97.21	99.99	99.84	98.61	96 34	100.00	100 00	45.50	68.65	99.73	99.77	99.91	100.00	99.97	100.00

12 MONTHS	**Jan-18**	**Feb-18**	**Mar-18**	**Apr-18**	**May-18**	**Jun-18**	**Jul-18**	**Aug-18**	**Sep-18**	**Oct-18**	**Nov-18**	**Dec-18**	**Jan-19**	**Feb-19**	**Mar-19**	**Apr-19**	**May-19**	**Jun-19**
FOR	1.72	1.68	1.68	1.51	1.36	1.34	0.74	0 59	0.59	0.56	0.56	1.04	0.88	0.90	0.91	0.91	0.91	0.91
MOR	0.33	0.32	0.32	0.55	0.55	0.35	0.28	0 30	0.30	0.30	0.31	0.31	0.30	0.30	0.30	0.07	0.07	0.07
PFOR	0.53	0.52	0.52	0.52	0.48	0.39	0.08	0.10	0.10	0.09	0.09	0.12	0.10	0.10	0.11	0.11	0.11	0.11
PMOR	0.00	0.00	0.00	0.03	0.03	0.03	0.04	0 04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.01	0.01	0.01
EUOR	2.55	2.50	2.50	2.59	2.40	2.09	1.14	1 02	1.02	0.99	1.00	1.51	1.32	1.34	1.36	1.10	1.10	1.10
EUOF	2.18	2.17	2.17	2.25	2.10	1.83	1.00	0 89	0.89	0.85	0.84	1.28	1.14	1.16	1.16	0.93	0.94	0.92
POF	9.04	9.04	9.04	8.88	8.88	8.88	8.88	8 88	8.88	8.88	7.78	6.71	6.71	6.71	6.71	6.71	6.71	6.71
EAF	88.78	88.79	88.79	88.87	89.02	89.29	90.12	90 23	90.23	90 27	91.38	92.01	92.16	92.14	92.13	92.36	92.36	92.37


Hines Unit 4
Forced Outage Rate
Monthly
12 Months Ending
Target
FOR
120.00
100.00
80.00
60.00
40.00
20.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
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Jul-18
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Jan-19
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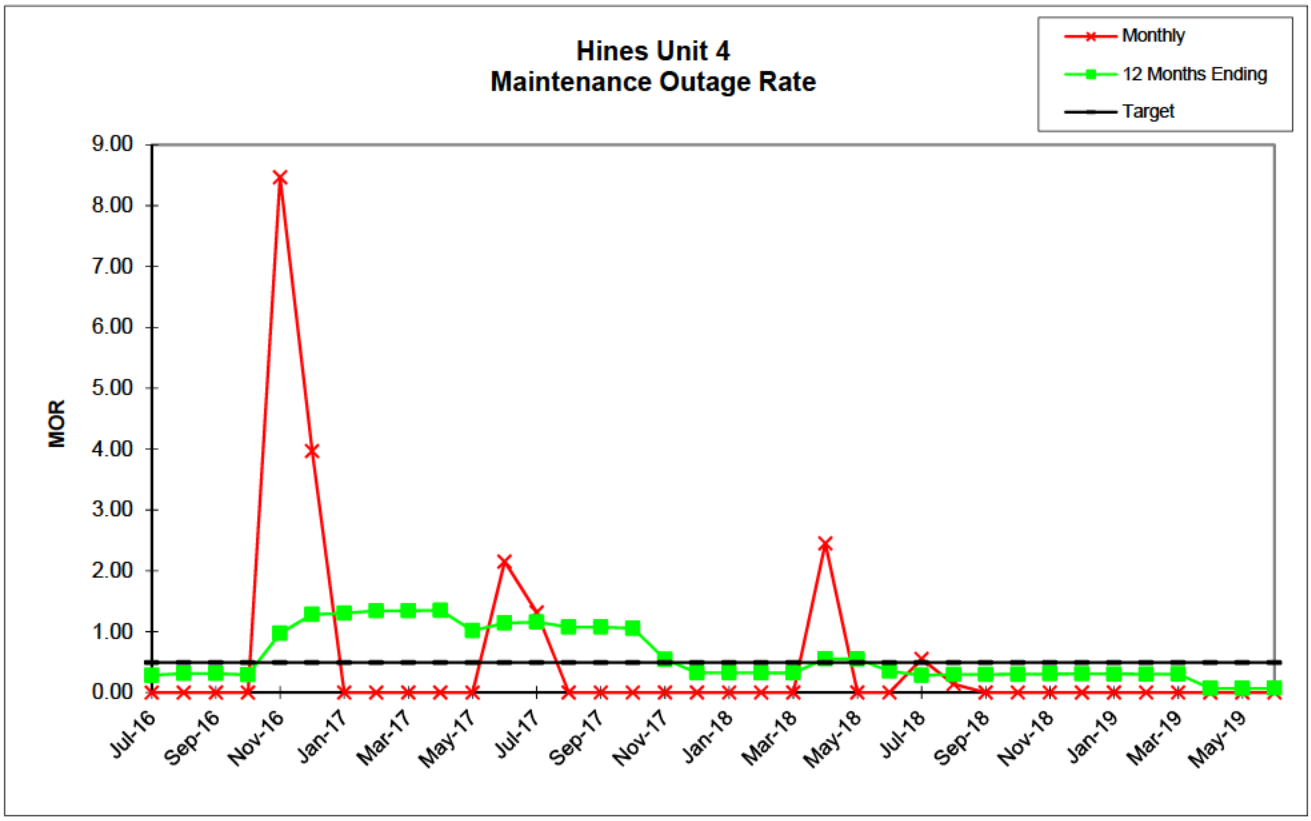
May-19


Hines Unit 4
Maintenance Outage Rate
Monthly
12 Months Ending
Target
MOR
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
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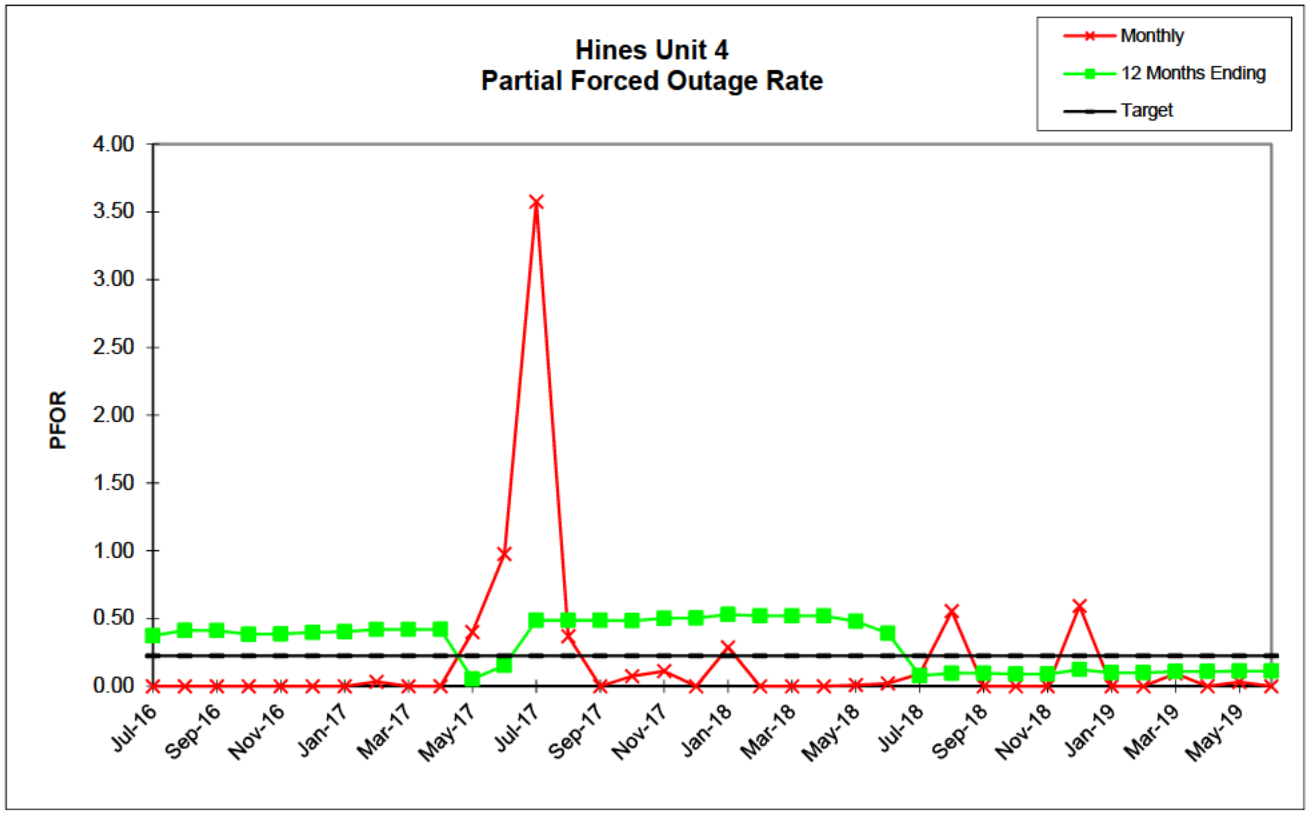
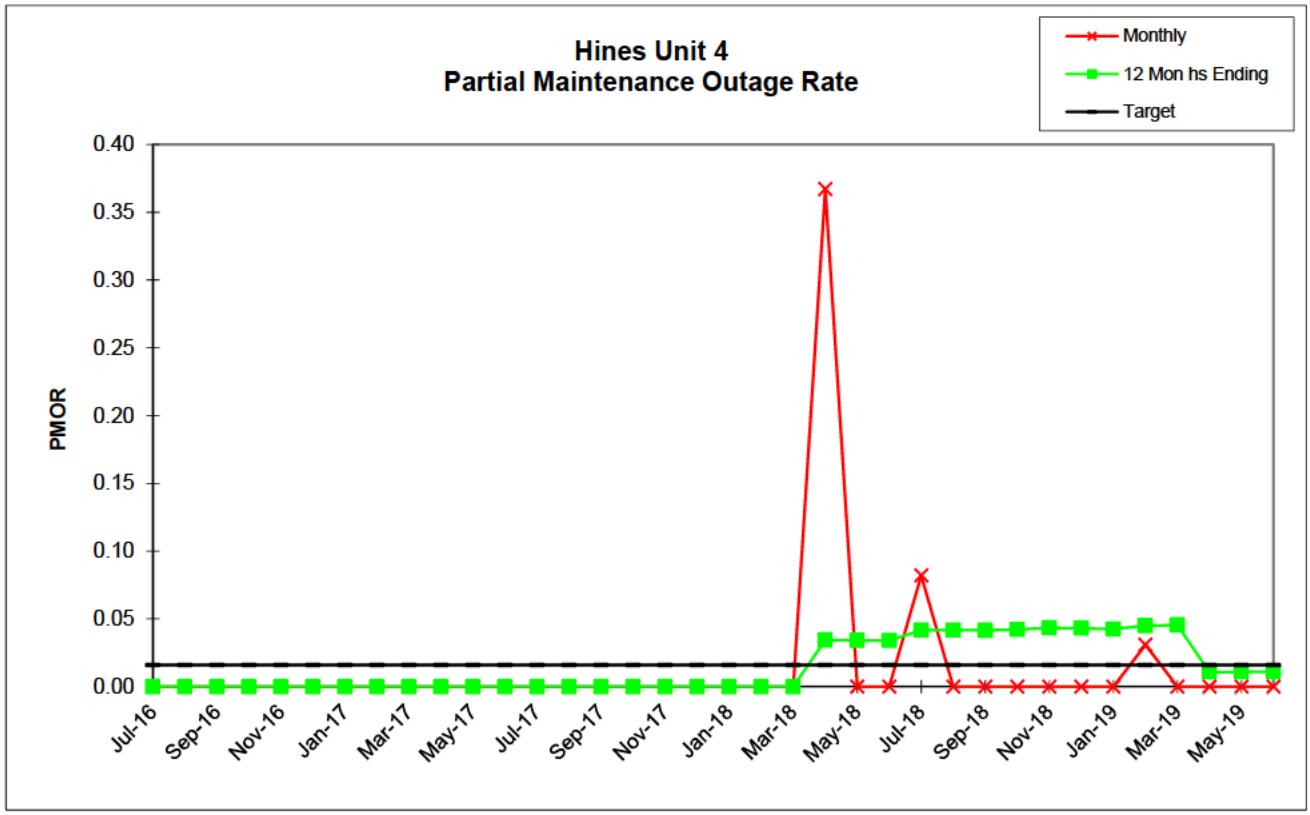
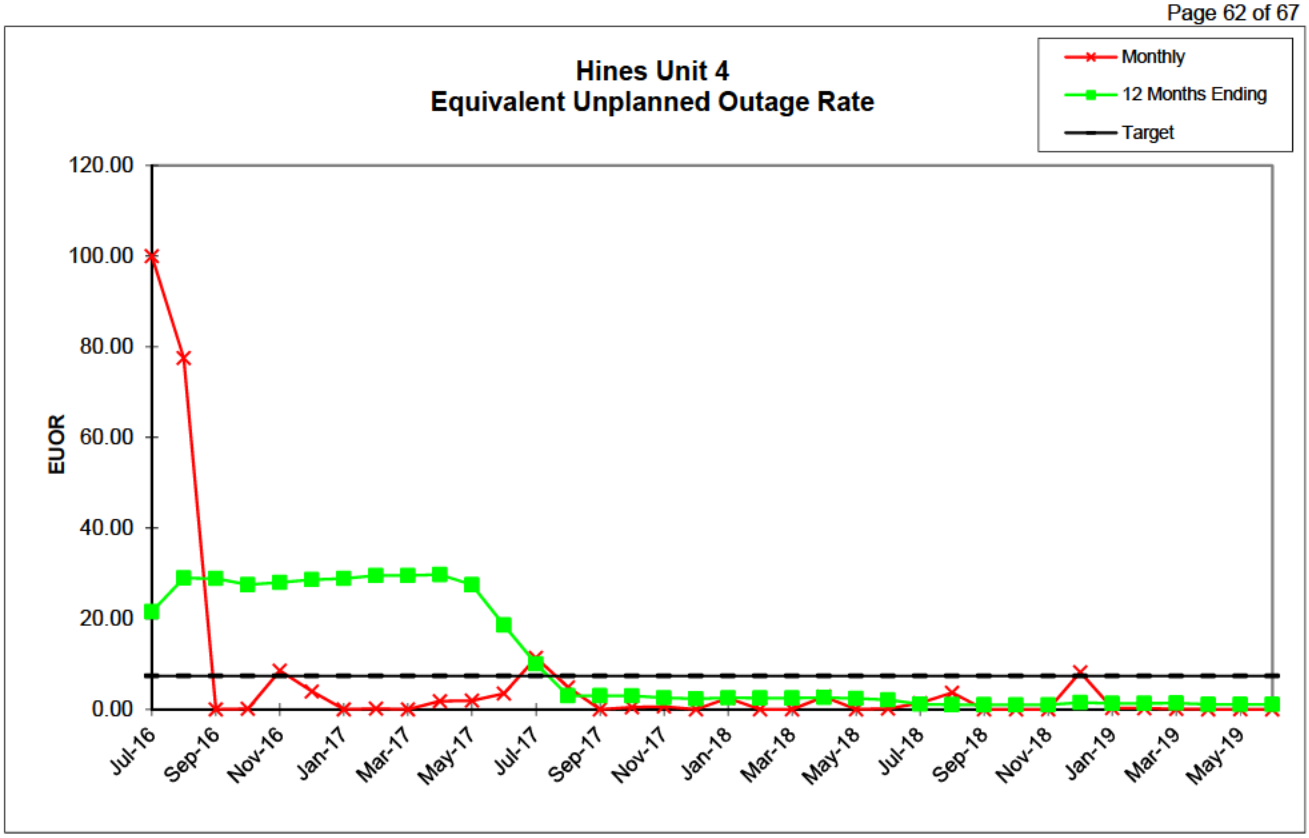
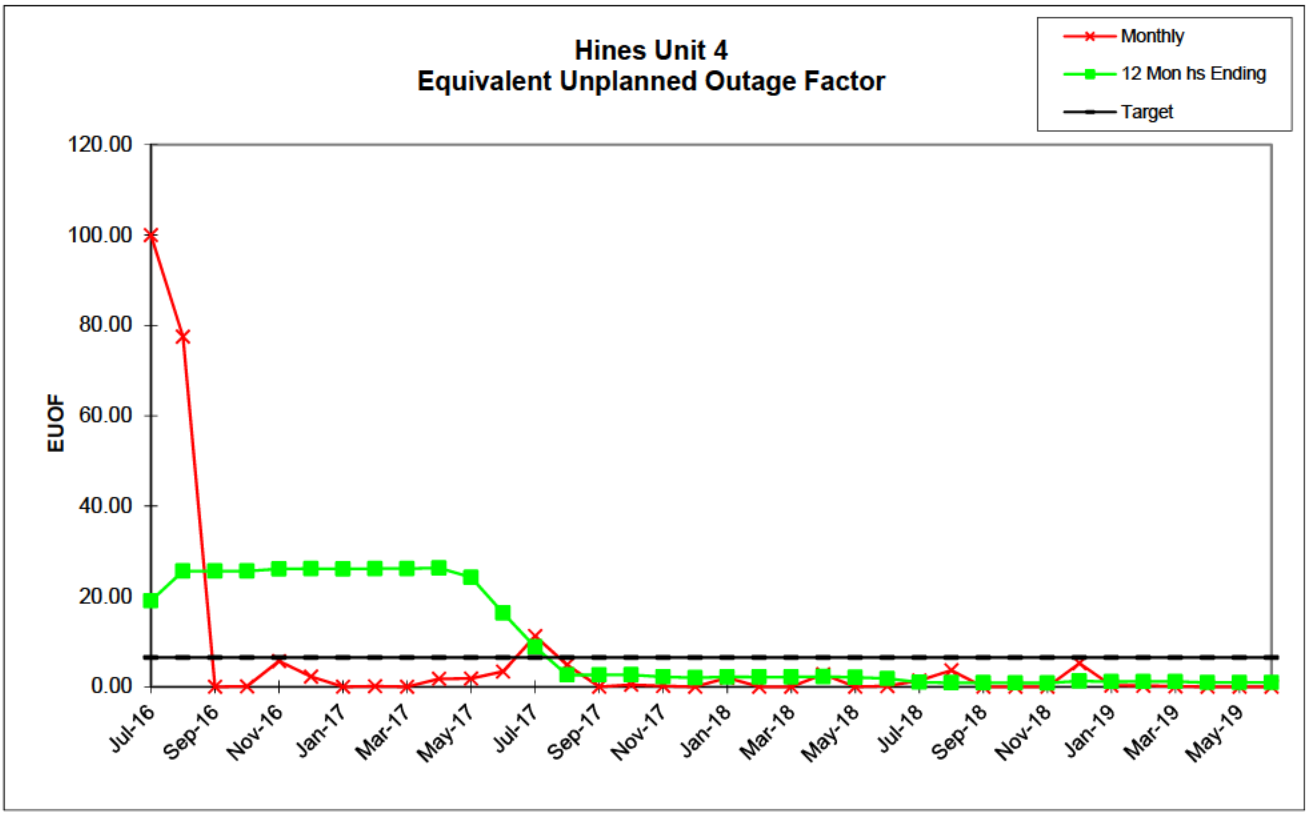
Mar-19
May-19


Hines Unit 4
Partial Forced Outage Rate
Monthly
12 Months Ending
Target
PFOR
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Hines Unit 4
Partial Maintenance Outage Rate
Monthly
12 Mon hs Ending
Target
PMOR
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Hines Unit 4
Equivalent Unplanned Outage Rate
Monthly
12 Months Ending
Target
EUOR
120.00
100.00
80.00
60.00
40.00
20.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Hines Unit 4
Equivalent Unplanned Outage Factor
Monthly
12 Mon hs Ending
Target
EUOF
120.00
100.00
80.00
60.00
40.00
20.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19

Osprey
Unit 1

	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-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	744.00	672.00
SER HOURS	737.09	738.18	306.45	511.12	687.62	318.39	91.66	278.65	0.00	0.00	0.00	214 01	703.64	742.09	317.77	584.35	490.27	647.65	433.99	9.85
RSH	1.91	1.58	76 27	113.02	33.38	414.30	652.34	297.41	0.00	0.00	0.00	17 50	39.30	1.91	116.83	159.65	228.04	96.35	259.88	542.15
UH	5.00	4.24	337 27	119.86	0.00	11.31	0.00	95.94	743.00	720.00	744.00	488.49	1.06	0.00	285.40	0.00	2.69	0.00	50.13	120.00
POH	0.00	0.00	335 86	113.57	0.00	0.00	0.00	95.94	743.00	720.00	744.00	488.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	120.00
FOH	5.00	0.00	1.41	0.18	0.00	11.31	0.00	0.00	0.00	0.00	0.00	0 06	1.06	0.00	13.71	0.00	2.69	0.00	50.13	0.00
MOH	0.00	4.24	0 00	6.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	271.69	0.00	0.00	0.00	0.00	0.00
PFOH	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LRPF	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EFOH	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PMOH	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	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	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	0.00	0.00
NPC	582.00	582.00	582 00	582.00	582.00	582.00	582.00	582.00	582.00	582.00	582.00	582 00	582.00	582.00	582.00	582.00	582.00	582.00	582.00	582.00

MONTHLY	**Jul-16**	**Aug-16**	**Sep-16**	**Oct-16**	**Nov-16**	**Dec-16**	**Jan-17**	**Feb-17**	**Mar-17**	**Apr-17**	**May-17**	**Jun-17**	**Jul-17**	**Aug-17**	**Sep-17**	**Oct-17**	**Nov-17**	**Dec-17**	**Jan-18**	**Feb-18**
FOR	0.67	0.00	0.46	0.04	0.00	3.43	0.00	0.00	0.00	0.00	0.00	0 03	0.15	0.00	4.14	0.00	0.55	0.00	10.35	0.00
MOR	0.00	0.57	0 00	1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	46.09	0.00	0.00	0.00	0.00	0.00
PFOR	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PMOR	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EUOR	0.67	0.57	0.46	1.22	0.00	3.43	0.00	0.00	0.00	0.00	0.00	0 03	0.15	0.00	47.32	0.00	0.55	0.00	10.35	0.00
EUOF	0.67	0.57	0 20	0.85	0.00	1.52	0.00	0.00	0.00	0.00	0.00	0 01	0.14	0.00	39.64	0.00	0.37	0.00	6.74	0.00
POF	0.00	0.00	46.65	15.26	0.00	0.00	0.00	14.28	100.00	100.00	100.00	67.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.86
EAF	99.33	99.43	53.16	83.89	100.00	98.48	100.00	85.72	0.00	0.00	0.00	32.15	99.86	100.00	60.36	100.00	99.63	100.00	93.26	82.14

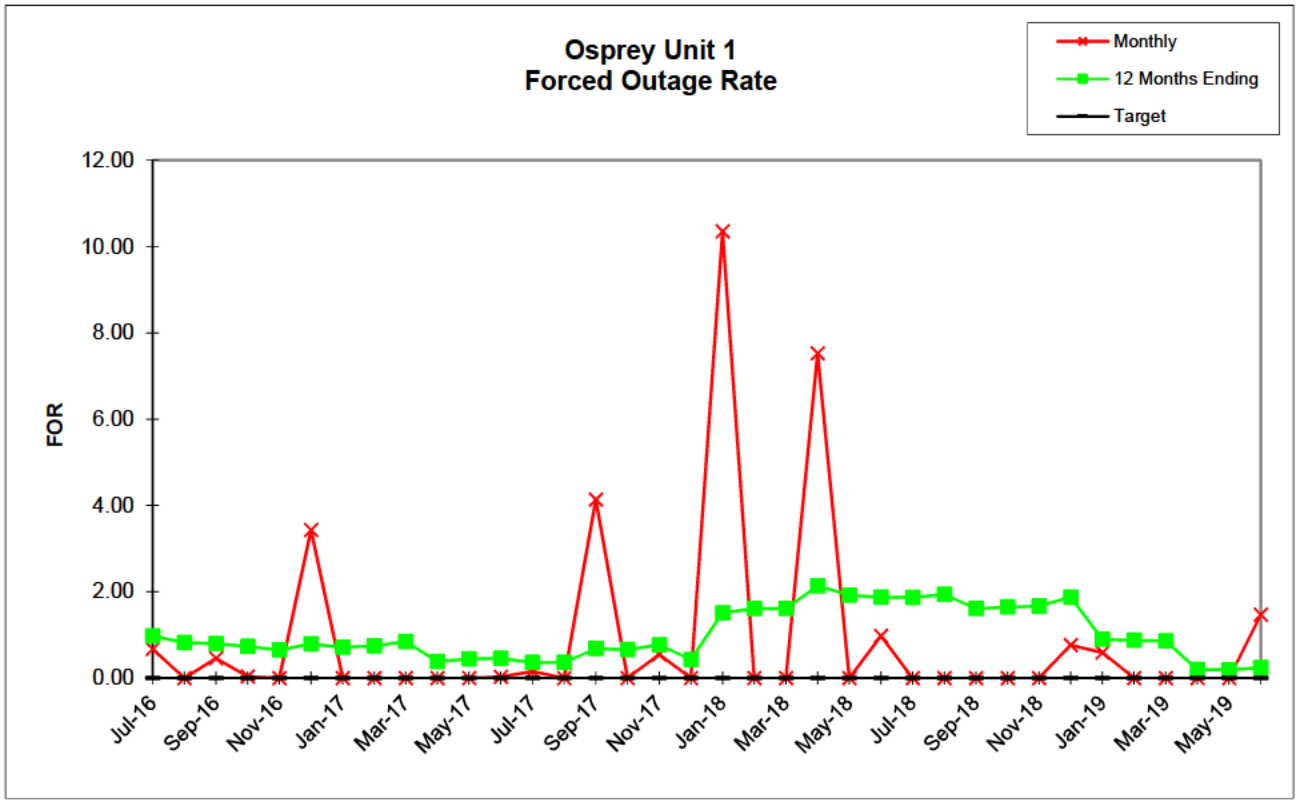
12 MONTHS	**Jul-16**	**Aug-16**	**Sep-16**	**Oct-16**	**Nov-16**	**Dec-16**	**Jan-17**	**Feb-17**	**Mar-17**	**Apr-17**	**May-17**	**Jun-17**	**Jul-17**	**Aug-17**	**Sep-17**	**Oct-17**	**Nov-17**	**Dec-17**	**Jan-18**	**Feb-18**
FOR	0.97	0.82	0 80	0.73	0.65	0.79	0.71	0.75	0.84	0.38	0.44	0.46	0.36	0.36	0.68	0.66	0.76	0.43	1.51	1.61
MOR	1.11	1.03	0 97	0.99	0.88	0.83	0.85	0.84	0.94	0.99	0.24	0 27	0.27	0.16	6.71	6.45	6.77	6.26	5.80	6.15
PFOR	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PMOR	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EUOR	2.07	1.83	1.75	1.70	1.51	1.61	1.55	1.58	1.77	1.36	0.67	0.72	0.63	0.52	7.29	7.03	7.44	6.63	7.14	7.57
EUOF	1.62	1.49	1 34	1.29	1.18	1.21	1.14	1.09	1.09	0.80	0.34	0 32	0.28	0.23	3.47	3.40	3.43	3.30	3.87	3.87
POF	10.63	9.28	13 37	13.56	12.34	11.30	11.30	12.43	19.80	22.93	31.42	37 00	37.00	37.00	33.16	31.86	31.86	31.86	31.86	32.14
EAF	87.76	89.24	85 29	85.15	86.48	87.49	87.56	86.48	79.10	76.27	68.24	62.68	62.73	62.77	63.37	64.74	64.70	64.83	64.26	63.99

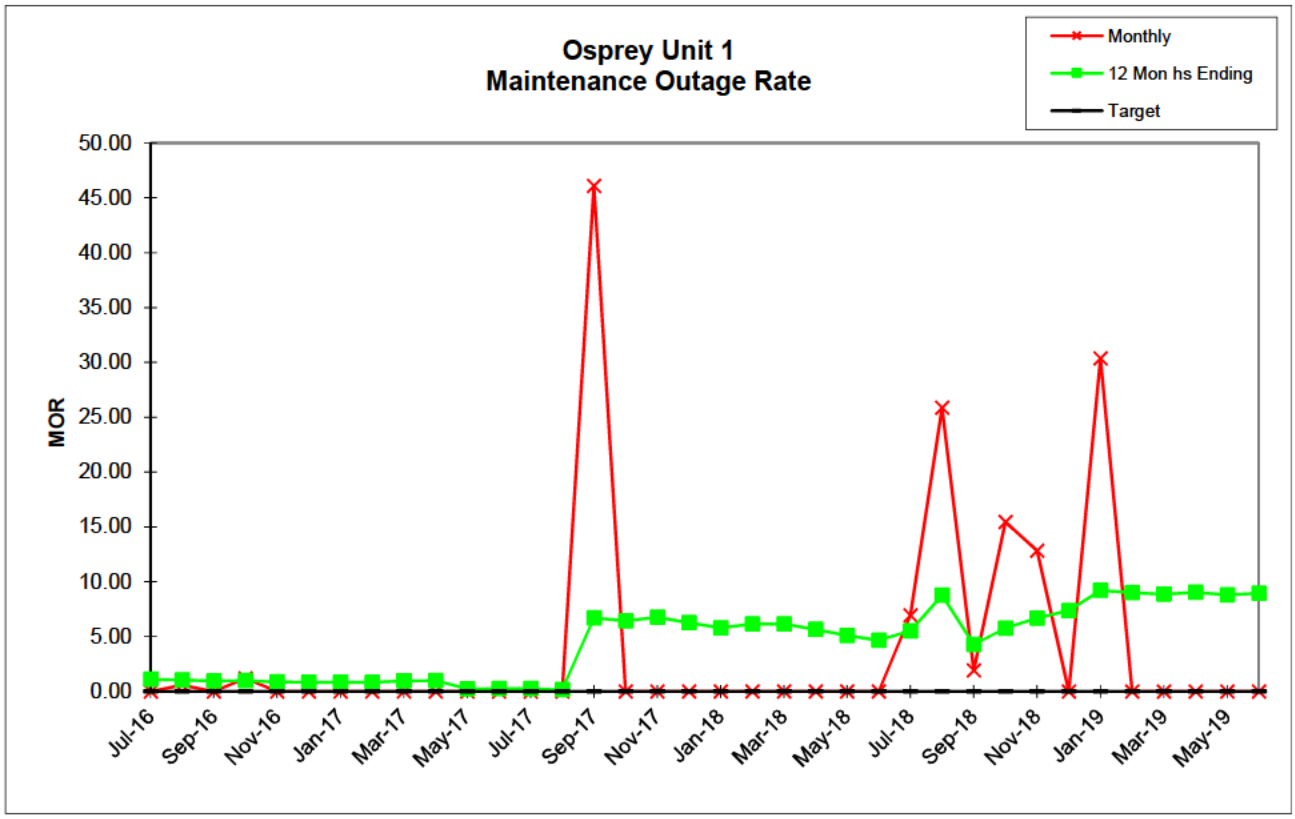
Osprey
Unit 1

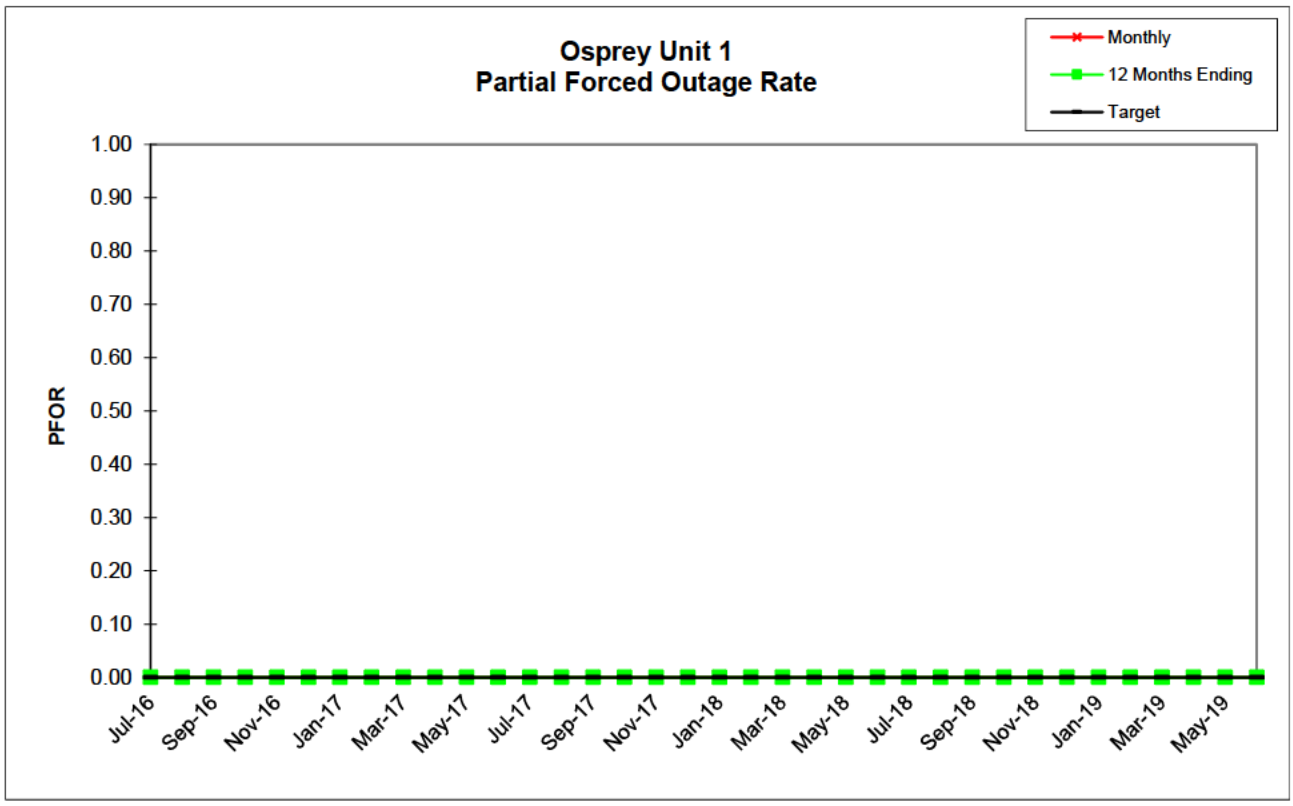
	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19
PER HOURS	743.00	720.00	744.00	720.00	744.00	744.00	720.00	744.00	721.00	744.00	744 00	672.00	743.00	720.00	744.00	720.00
SER HOURS	0.00	382.40	529.80	698.15	659.88	538.42	576.98	455.66	267.37	115.99	174.45	122.06	81.82	275.43	664.16	620.58
RSH	0.00	111.65	214.20	14.99	34.99	17.61	131.82	204.97	414.28	627.11	492.45	549.94	134.18	108.58	79.84	90.18
UH	743.00	225.96	0.00	6.86	49.13	187.98	11.20	83.37	39.35	0.89	77.11	0.00	527.00	335.99	0.00	9.24
POH	743.00	194.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	527.00	335.99	0.00	0.00
FOH	0.00	31.13	0.00	6.86	0.00	0.00	0.00	0.00	0.00	0.89	1 04	0.00	0.00	0.00	0.00	9.24
MOH	0.00	0.00	0.00	0.00	49.13	187.98	11.20	83.37	39.35	0.00	76 07	0.00	0.00	0.00	0.00	0.00
PFOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00
LRPF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00
EFOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00
PMOH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00
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
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
NPC	582.00	582.00	582.00	582.00	582.00	582.00	582.00	582.00	582.00	582.00	582 00	582.00	582.00	582.00	582.00	582.00

MONTHLY	**Mar-18**	**Apr-18**	**May-18**	**Jun-18**	**Jul-18**	**Aug-18**	**Sep-18**	**Oct-18**	**Nov-18**	**Dec-18**	**Jan-19**	**Feb-19**	**Mar-19**	**Apr-19**	**May-19**	**Jun-19**
FOR	0.00	7.53	0.00	0.97	0.00	0.00	0.00	0.00	0.00	0.76	0 59	0.00	0.00	0.00	0.00	1.47
MOR	0.00	0.00	0.00	0.00	6.93	25.88	1.90	15.47	12.83	0.00	30 36	0.00	0.00	0.00	0.00	0.00
PFOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00
EUOR	0.00	7.53	0.00	0.97	6.93	25.88	1.90	15.47	12.83	0.76	30.65	0.00	0.00	0.00	0.00	1.47
EUOF	0.00	4.32	0.00	0.95	6.60	25.27	1.56	11.21	5.46	0.12	10 36	0.00	0.00	0.00	0.00	1.28
POF	100.00	27.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	70.93	46.67	0.00	0.00
EAF	0.00	68.62	100.00	99.05	93.40	74.73	98.44	88.79	94.54	99.88	89.64	100.00	29.07	53.33	100.00	98.72

12 MONTHS	**Mar-18**	**Apr-18**	**May-18**	**Jun-18**	**Jul-18**	**Aug-18**	**Sep-18**	**Oct-18**	**Nov-18**	**Dec-18**	**Jan-19**	**Feb-19**	**Mar-19**	**Apr-19**	**May-19**	**Jun-19**
FOR	1.61	2.14	1.92	1.87	1.87	1.94	1.61	1.65	1.67	1.87	0 90	0.88	0.86	0.20	0.19	0.24
MOR	6.15	5.66	5.10	4.67	5.52	8.77	4.28	5.76	6.66	7.36	9 21	9.00	8.85	9.04	8.81	8.94
PFOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00
PMOR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00
EUOR	7.57	7.57	6.83	6.38	7.18	10.38	5.76	7.23	8.11	8.97	9 95	9.72	9.57	9.21	8.96	9.15
EUOF	3.87	4.23	4.23	4.31	4.86	7.00	3.87	4.82	5.24	5.25	5 56	5.56	5.56	5.20	5.20	5.23
POF	32.14	26.14	17.65	12.08	12.08	12.08	12.08	12.08	12.08	12.08	12 08	10.71	8.24	9.85	9.85	9.85
EAF	63.99	69.63	78.12	83.62	83.07	80.92	84.05	83.10	82.68	82.67	82 36	83.73	86.20	84.94	84.94	84.92


Osprey Unit 1
Forced Outage Rate
Monthly
12 Months Ending
Target
FOR
12.00
10.00
8.00
6.00
4.00
2.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Osprey Unit 1
Maintenance Outage Rate
Monthly
12 Mon hs Ending
Target
MOR
50.00
45.00
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Osprey Unit 1
Partial Forced Outage Rate
Monthly
12 Months Ending
Target
PFOR
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
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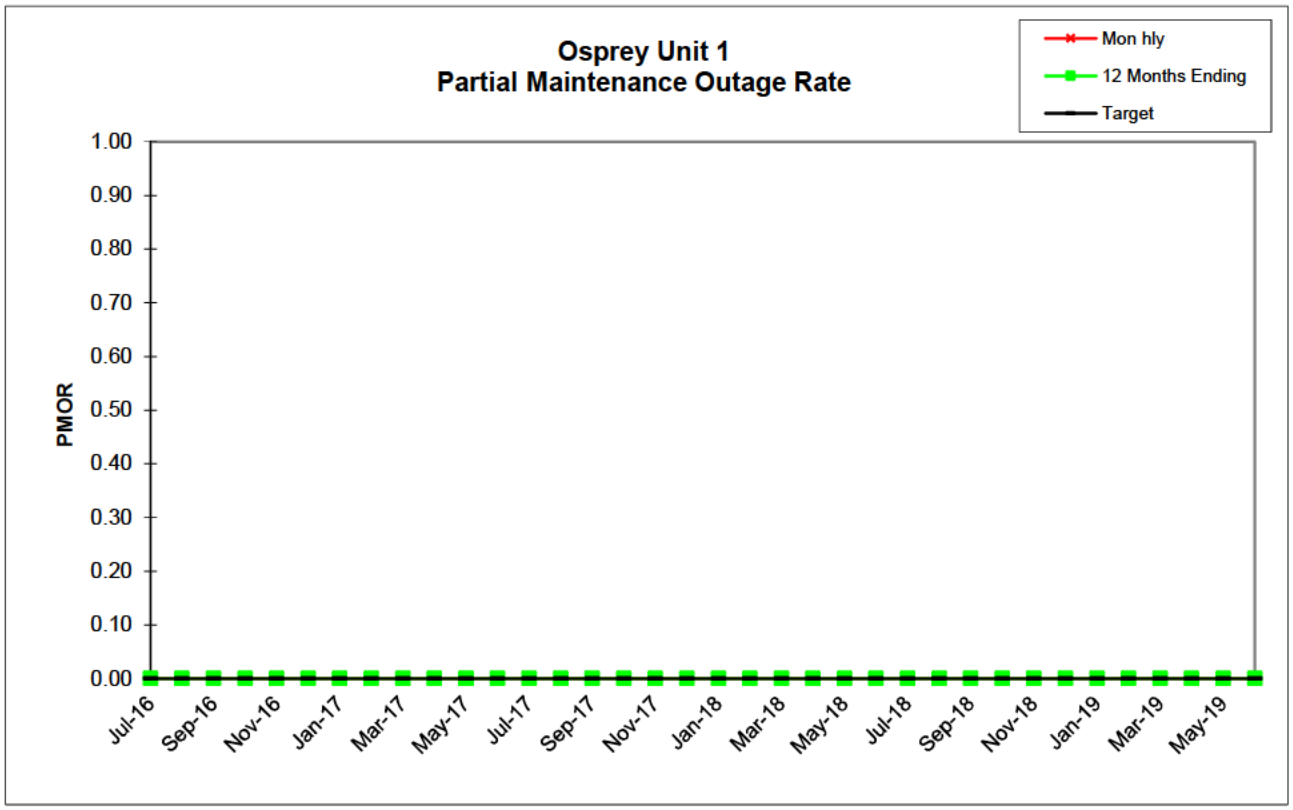
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Osprey Unit 1
Partial Maintenance Outage Rate
Mon hly
12 Months Ending
Target
PMOR
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
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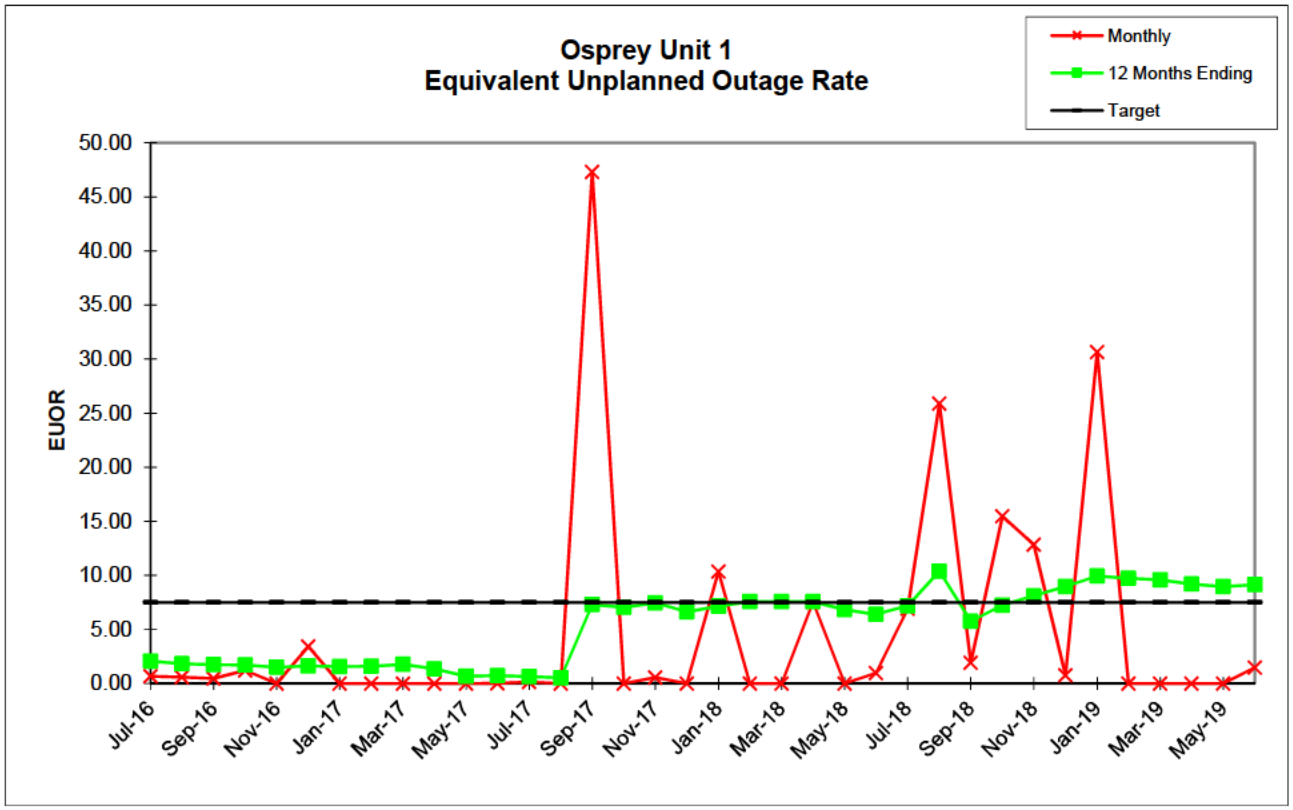
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Osprey Unit 1
Equivalent Unplanned Outage Rate
Monthly
12 Months Ending
Target
EUOR
50.00
45.00
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
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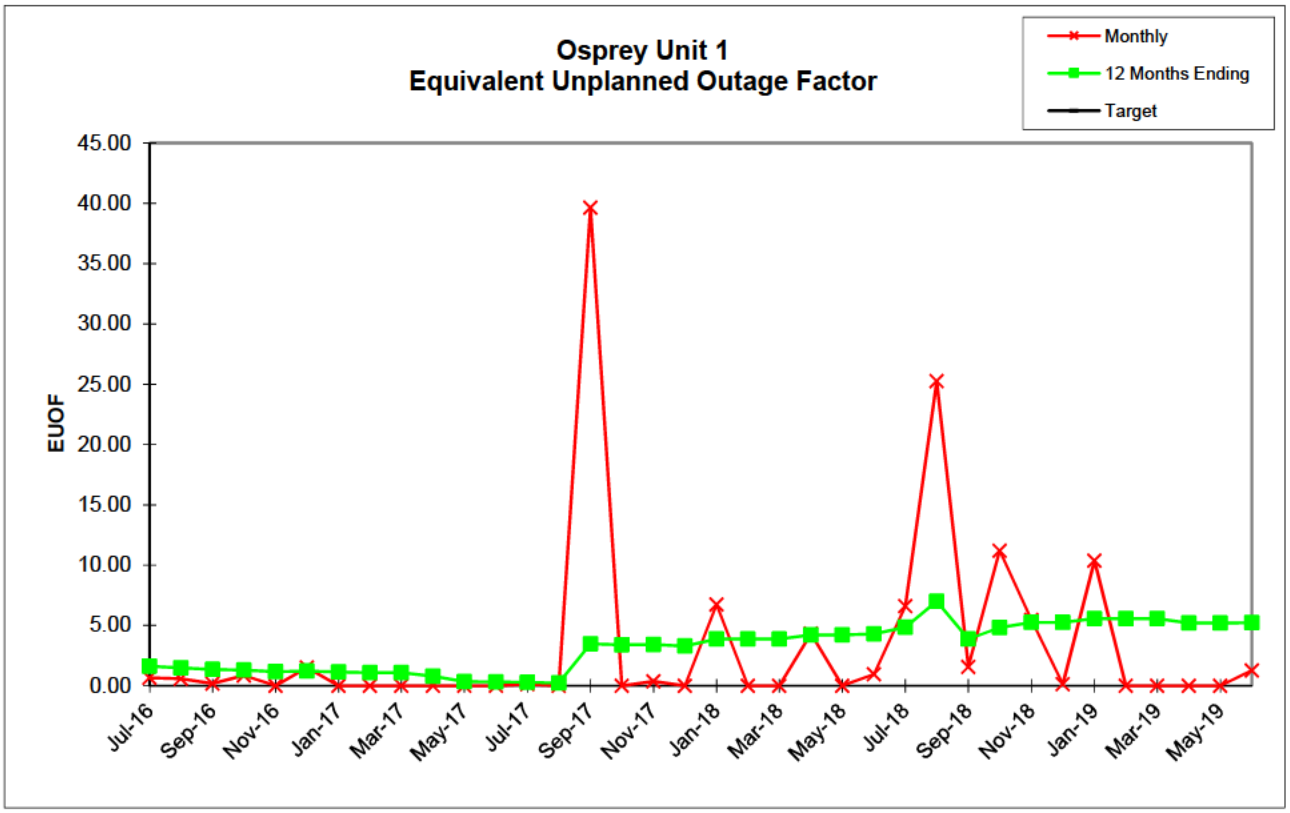
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
May-19


Osprey Unit 1
Equivalent Unplanned Outage Factor
Monthly
12 Months Ending
Target
EUOF
45.00
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
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Sep-18
Nov-18
Jan-19
Mar-19
May-19