Matthew R. Bernier
Senior Counsel

March 16, 2016

VIA ELECTRONIC FILING

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

Re: *Fuel and Purchased Power Cost recovery clause with Generating Performance Incentive Factor; Docket No. 160001-EI*

Dear Ms. Stauffer:

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

- DEF's Generating Performance Incentive Factor ("GPIF") True-Up Petition for the period ending December 2015; and
- Direct Testimony of Matthew J. Jones with Exhibit No. ___(MJJ-1T).

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

Respectfully,

s/ Matthew R. Bernier
Matthew R. Bernier

MRB/mw
Enclosures
cc: Certificate of Service

106 East College Avenue, Suite 800 ▪ Tallahassee, Florida 32301
Phone: 850.521.1428 ▪ Fax: 727.820.5041 ▪ Email: matthew.bernier@duke-energy.com

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance Incentive Factor	Docket No. 160001-EI Filed: March 16, 2016

PETITION FOR APPROVAL OF GPIF RESULTS
FOR THE PERIOD ENDING DECEMBER 2015

Duke Energy Florida, LLC ("DEF") hereby petitions this Commission for approval of its Generating Performance Incentive Factor ("GPIF") for the period ending December 2015. In support of this Petition, DEF states as follows:

1. DEF is a public utility subject to the jurisdiction of the Commission under Chapter 366, Florida Statutes. DEF's General Offices are located at 299 First Avenue North, St. Petersburg, FL 33701.

2. All notices, pleadings and other communications required to be served on the petitioner should be directed to:

Dianne M. Triplett
299 First Avenue North
St. Petersburg, FL, 33701
Dianne.triplett@duke-energy.com

Matthew R. Bernier
106 East College Avenue
Suite 800
Tallahassee, FL 32301
Matthew.bernier@duke-energy.com

3. By Order No. PSC-14-0701-FOF-EI, dated December 19, 2014, the Commission approved GPIF Targets for DEF for the period January 2015 through December 2015. The application of the GPIF formula to DEF's performance during that period produces a reward of $2,255,421. Matters relating to the GPIF are contained in

the prepared direct testimony of DEF witness Matthew J. Jones which is being filed with and incorporated in this Petition.

WHEREFORE, DEF respectfully requests the Commission to approve this Petition and include the aforementioned amount in the calculation of the Fuel and Purchased Power Cost Recovery ("FCR") Factor for the period beginning January 2016.

Respectfully submitted,

s/Matthew R. Bernier

DIANNE M. TRIPLETT
Associate General Counsel
Duke Energy Florida, LLC.
299 First Avenue North
St. Petersburg, FL 33701
T: 727.820.4692
F: 727.820.5041
E: Dianne.Triplett@duke-energy.com

MATTHEW R. BERNIER
Senior Counsel
Duke Energy Florida, LLC
106 East College Avenue
Suite 800
Tallahassee, Florida 32301
T: 850.521.1428
F: 727.820.5041
E: Matthew.Bernier@duke-energy.com

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 16th day of March, 2016.

s/Matthew R. Bernier
Attorney

Danijela Janjic John Villafrate Suzanne Brownless Office of General Counsel Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 sbrownle@psc.state.fl.us djanjic@psc.state.fl.us jvillafr@psc.state.fl.us James D. Beasley J. Jeffry Wahlen Ashley M. Daniels Ausley McMullen Law Firm P.O. Box 391 Tallahassee, FL 32302 jbeasley@ausley.com jwahlen@ausley.com adaniels@ausley.com Jeffrey A. Stone Russell A. Badders Steven R. Griffin Beggs & Lane P.O. Box 12950 Pensacola, FL 32591 jas@beggslane.com rab@beggslane.com srg@beggslane.com James W. Brew Laura A. Wynn Stone Matheis Xenopoulos & Brew 1025 Thomas Jefferson Street NW 8th Floor, West Tower Washington, DC 20007 jbrew@smxblaw.com law@smxblaw.com	Mike Cassel, Director Regulatory Affairs Florida Public Utilities Company 1750 S 14th Street, Suite 200 Fernandina Beach, FL 32034 mcassel@fpuc.com Robert L. McGee, Jr. Gulf Power Company One Energy Place Pensacola, FL 32520-0780 rlmcgee@southernco.com Beth Keating Gunster, Yoakley & Stewart, P.A. 215 South Monroe Street, Suite 601 Tallahassee, FL 32301 bkeating@gunster.com Charles J. Rehwinkel / Erik Saylor J.R. Kelly / John Truitt Patty Christensen / Tarik Noriega Office of Public Counsel c/o The Florida Legislature 111 W. Madison Street, Room 812 Tallahassee, FL 32399-1400 rehwinkel.charles@leg.state.fl.us sayler.erik@leg.state.fl.us kelly.jr@leg.state.fl.us christensen.patty@leg.state.fl.us truitt.john@leg.state.fl.us noriega.tarik@leg.state.fl.us Robert Scheffel Wright John T. LaVia, III c/o Gardner Law Firm 1300 Thomaswood Drive Tallahassee, FL 32308 schef@gbwlegal.com jlavia@gbwlegal.com	Ms. Paula K. Brown Manager, Regulatory Coordination Tampa Electric Company P.O. Box 111 Tampa, FL 33601 regdept@tecoenergy.com John Butler Maria Moncada Florida Power & Light Company 700 Universe Boulevard (LAW/JB) Juno Beach, FL 33408-0420 john.butler@fpl.com maria.moncada@fpl.com Kenneth Hoffman Florida Power & Light Company 215 S. Monroe Street, Suite 810 Tallahassee, FL 32301-1858 ken.hoffman@fpl.com Jon C. Moyle, Jr. Moyle Law Firm, P.A. 118 North Gadsden Street Tallahassee, FL 32301 jmoyle@moylelaw.com Raoul G. Cantero, III White & Case, LLP Southeast Financial Center, Suite 4900 200 South Biscayne Boulevard Miami, FL 33131-2352 rcantero@whitecase.com

DUKE ENERGY FLORIDA, LLC

DOCKET NO. 160001-EI

GPIF Schedules for
January through December 2015

DIRECT TESTIMONY OF MATTHEW J. JONES

March 16, 2016

Q. Please state your name and business address.

A. My name is Matthew J. Jones. 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 Managing Director of Analytics for Fuels and Systems Optimization.

Q. Describe your responsibilities as Managing Director of Analytics.

A. As Managing Director of Analytics for Fuels and Systems Optimization, I oversee the analysis and modeling of energy portfolios for Duke Energy Corporation's regulated utility subsidiaries, including Duke Energy Florida, LLC ("DEF" or "Company"), 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. What is the purpose of your testimony?

A. The purpose of my testimony is to describe the calculation of DEF's Generating Performance Incentive Factor ("GPIF") reward/(penalty) amount for the period of January through December 2015. This calculation was based on a comparison of the actual performance of DEF's Seven (7) GPIF generating units for this period against the approved targets set for these units prior to the actual performance period.

Q. Do you have an exhibit to your testimony in this proceeding?

A. Yes, I am sponsoring Exhibit No. _____ (MJJ-1T), which consists of the schedules required by the GPIF Implementation Manual to support the development of the incentive amount. This 24-page exhibit is attached to my prepared testimony and includes as its first page an index to the contents of the exhibit.

Q. What GPIF incentive amount has been calculated for this period?

A. DEF's calculated GPIF incentive amount is a reward of $2,255,421. This amount was developed in a manner consistent with the GPIF Implementation Manual. Page 2 of my exhibit shows the system GPIF points and the corresponding reward/(penalty). The summary of weighted

incentive points earned by each individual unit can be found on page 4 of my exhibit.

Q. How were the incentive points for equivalent availability and heat rate calculated for the individual GPIF units?

A. The calculation of incentive points was made by comparing the adjusted actual performance data for equivalent availability and heat rate to the target performance indicators for each unit. This comparison is shown on each unit's Generating Performance Incentive Points Table found on pages 9 through 15 of my exhibit.

Q. Why is it necessary to make adjustments to the actual performance data for comparison with the targets?

A. Adjustments to the actual equivalent availability and heat rate data are necessary to allow their comparison with the "target" Point Tables exactly as approved by the Commission prior to the period. These adjustments are described in the Implementation Manual and are further explained by a Staff memorandum, dated October 23, 1981, directed to the GPIF utilities. The adjustments to actual equivalent availability primarily concern the differences between target and actual planned outage hours, and are shown on page 7 of my exhibit. The heat rate adjustments concern the differences between the target and actual Net Output Factor (NOF), and are shown on page 8. The methodology for both the equivalent availability and heat rate adjustments are explained in the Staff memorandum.

Additionally, the Bartow combined cycle ("CC") unit has the capability to run in single cycle mode when the steam turbine is in an outage. During such an outage, its heat rate will deviate significantly from its normal range. DEF's heat rate target setting process for the Bartow CC unit excludes historical data when it ran in single cycle mode. During March and April 2015, Bartow combined cycle unit ran in single cycle mode while the unit was in its planned outage. To be consistent with the target setting process, single cycle mode heat rate data was excluded from actuals for the purposes of calculating the heat rate for Bartow combined cycle in year 2015 during those times when the unit was running in single cycle as the result of a planned outage.

Q. Have you provided the as-worked planned outage schedules for DEF's GPIF units to support your adjustments to actual equivalent availability?

A. Yes. Page 23 of my exhibit summarizes the planned outages experienced by DEF's GPIF units during the period. Page 24 presents an as-worked schedule for each individual planned outage.

Q. Does this conclude your testimony?

A. Yes.

Duke Energy Florida
Docket No. 150001-EI
Witness: JONES
Exhibit No. _____ (MJJ-1T)

GPIF REWARD/PENALTY SCHEDULES

Original Sheet No. 6.101.1

GENERATING PERFORMANCE INCENTIVE FACTOR

REWARD/PENALTY TABLE

ACTUAL

Duke Energy Florida
Janauary 2015 - December 2015

	Generating Performance Incentive Points (GPIF)	Fuel Savings/Loss ($)	Generating Performance Incentive Factor ($)
	10	$ 68,790,939	$ 20,710,935
	9	$ 61,911,845	$ 18,639,841
	8	$ 55,032,751	$ 16,568,748
	7	$ 48,153,657	$ 14,497,654
	6	$ 41,274,563	$ 12,426,561
	5	$ 34,395,469	$ 10,355,467
	4	$ 27,516,375	$ 8,284,374
	3	$ 20,637,282	$ 6,213,280
	2	$ 13,758,188	$ 4,142,187
****	1.089	$ 7,491,333	$ 2,255,421
	1	$ 6,879,094	$ 2,071,093
	0	$ -	$ -
	-1	$ (7,477,634)	$ (2,071,093)
	-2	$ (14,955,268)	$ (4,142,187)
	-3	$ (22,432,902)	$ (6,213,280)
	-4	$ (29,910,535)	$ (8,284,374)
	-5	$ (37,388,169)	$ (10,355,467)
	-6	$ (44,865,803)	$ (12,426,561)
	-7	$ (52,343,437)	$ (14,497,654)
	-8	$ (59,821,071)	$ (16,568,748)
	-9	$ (67,298,705)	$ (18,639,841)
	-10	$ (74,776,339)	$ (20,710,935)

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Original Sheet No. 6.101.2

GENERATION PERFORMANCE INCENTIVE FACTOR

CALCULATION OF MAXIMUM ALLOWED INCENTIVE DOLLARS

Duke Energy Florida
Janauary 2015 - December 2015

1	Beginning of period balance of common equity	$ 5,451,505,259	
	END OF MONTH BALANCE OF COMMON EQUITY:		
2	Month of JANUARY 2015	$ 5,282,300,994	
3	Month of FEBRUARY 2015	$ 5,300,608,729	
4	Month of MARCH 2015	$ 4,985,043,387	
5	Month of APRIL 2015	$ 5,026,468,678	
6	Month of MAY 2015	$ 5,079,592,889	
7	Month of JUNE 2015	$ 5,149,631,456	
8	Month of JULY 2015	$ 5,222,507,185	
9	Month of AUGUST 2015	$ 4,926,982,806	
10	Month of SEPTEMBER 2015	$ 5,015,990,982	
11	Month of OCTOBER 2015	$ 5,062,307,351	
12	Month of NOVEMBER 2015	$ 5,094,701,751	
13	Month of DECEMBER 2015	$ 5,121,368,695	
14	Average common equity for the period	$ 5,132,231,551	
15	25 Basis Points	0.0025	
16	Revenue Expansion Factor	61.3808%	
17	Maximum allowed incentive dollars	$ 20,903,245	
18	Jurisdictional Sales *	38,553,182	MWH
19	Total Sales *	38,911,308	MWH
20	Jurisdictional Separation Factor	99.0800%	
21	Maximum allowed jurisdictional incentive dollars	$ 20,710,935	
22	Incentive Cap (50% of Projected Fuel Savings at 10 GPIF Point Level) From Sheet No. 6.101.1	$ 24,076,829	
23	Maximum Allowed GPIF Reward (Lesser of Line 21 and Line 22)	$ 20,710,935	

* Net sales (Sales - Interruptible)

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Original Sheet No. 6.101.3

GENERATION PERFORMANCE INCENTIVE FACTOR

CALCULATION OF SYSTEM ACTUAL GPIF POINTS

Duke Energy Florida
Janauary 2015 - December 2015

Plant/Unit	Performance Indicator EAF or ANOHR	Weighting Factor %	Unit Points	Weighted Unit Points
Bartow CC	EAF	3.62	5.353	0.194
	ANOHR	23.18	0.000	0.000
Crystal River 4	EAF	4.62	9.067	0.419
	ANOHR	11.58	0.000	0.000
Crystal River 5	EAF	3.34	10.000	0.334
	ANOHR	10.49	2.337	0.245
Hines 1	EAF	0.58	8.355	0.048
	ANOHR	11.37	-1.292	-0.147
Hines 2	EAF	0.63	-10.000	-0.063
	ANOHR	7.99	0.000	0.000
Hines 3	EAF	1.07	10.000	0.107
	ANOHR	13.42	0.000	0.000
Hines 4	EAF	0.57	5.076	0.029
	ANOHR	7.54	-1.021	-0.077
GPIF System		100.00		1.089

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Original Sheet No. 6.101.4

GENERATION PERFORMANCE INCENTIVE FACTOR
GPIF UNIT PERFORMANCE SUMMARY

Duke Energy Florida
Janauary 2015 - December 2015

Plant/Unit	Weighting Factor (%)	EAF Target (%)	EAF RANGE Max. (%)	EAF RANGE Min. (%)	Max. Fuel Savings ($000)	Max. Fuel Loss ($000)	EAF Adjusted Actual (%)	Estimated Fuel Savings/ Loss ($000)
Bartow CC	3.62	87.48	89.95	82.43	$2,487	($3,099)	88.81	$1,331
Crystal River 4	4.62	91.86	95.65	84.32	$3,181	($5,861)	95.29	$2,884
Crystal River 5	3.34	89.21	91.57	84.43	$2,301	($4,230)	92.08	$2,301
Hines 1	0.58	86.26	87.32	84.08	$397	($1,007)	87.14	$332
Hines 2	0.63	89.24	89.79	88.08	$431	($406)	48.97	($406)
Hines 3	1.07	92.28	93.21	90.36	$734	($987)	93.44	$734
Hines 4	0.57	86.67	87.08	85.81	$391	($318)	86.88	$198
GPIF System	14.42				$9,922.0	($15,907.4)		$7,374.7

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)	ANOHR Adjusted Actual (Btu/kwh)	Estimated Fuel Savings/ Loss ($000)
Bartow CC	23.18	7,451	75.9	7,060	7,842	$15,949	($15,949)	7,410	$0
Crystal River 4	11.58	10,354	83.3	9,885	10,823	$7,968	($7,968)	10,336	$0
Crystal River 5	10.49	10,157	83.5	9,715	10,600	$7,214	($7,214)	9,996	$1,686
Hines 1	11.37	7,266	96.1	6,823	7,708	$7,824	($7,824)	7,388	($1,011)
Hines 2	7.99	7,225	87.0	6,870	7,579	$5,495	($5,495)	7,200	$0
Hines 3	13.42	7,151	95.1	6,680	7,623	$9,234	($9,234)	7,168	$0
Hines 4	7.54	6,964	92.1	6,695	7,233	$5,185	($5,185)	7,059	($529)
GPIF System	85.58					$58,868.9	($58,868.9)		$145.6

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Original Sheet No. 6.101.5

GENERATION PERFORMANCE INCENTIVE FACTOR
ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida
Janauary 2015 - December 2015

Plant/Unit	ACTUAL EAF %	ADJUSTMENTS (1) TO EAF %	ADJUSTED ACTUAL EAF %
Bartow CC	87.89	0.91	88.81
Crystal River 4	95.29	0.00	95.29
Crystal River 5	91.81	0.27	92.08
Hines 1	83.55	3.59	87.14
Hines 2	54.16	-5.19	48.97
Hines 3	92.86	0.58	93.44
Hines 4	88.60	-1.72	86.88

Plant/Unit	ACTUAL ANOHR BTU/KWH	ADJUSTMENTS (2) TO ANOHR BTU/KWH	ADJUSTED ACTUAL ANOHR BTU/KWH
Bartow CC	7,391.3	19.1	7,410.3
Crystal River 4	10,468.1	-131.7	10,336.5
Crystal River 5	10,272.5	-276.1	9,996.5
Hines 1	7,399.4	-11.4	7,388.0
Hines 2	7,199.9	0.0	7,199.9
Hines 3	7,161.9	6.1	7,167.9
Hines 4	7,049.8	9.3	7,059.1

(1) For documentation of adjustments to actual EAF, see sheet 6.
(2) For documentation of adjustments to actual ANOHR, see sheet 7.

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GENERATION PERFORMANCE INCENTIVE FACTOR
ADJUSTMENTS TO EAF ACTUAL

Duke Energy Florida
Janauary 2015 - December 2015

EAF adjustments for Planned Outage Hours			Bartow CC BA4	Crystal River 4 CR4	Crystal River 5 CR5	Hines 1 HN1	Hines 2 HN2	Hines 3 HN3	Hines 4 HN4
1	Actual POH	Hrs.	719.41	0.00	528.02	1,327.35	1.49	555.63	939.90
2	Target POH	Hrs.	636.00	0.00	504.00	1,008.00	840.00	504.00	1,092.00
3	Adj. Factor (PH-POHT/PH-POHA)		1.01	1.00	1.00	1.04	0.90	1.01	0.98
4	Actual EUOH	Hrs.	341.01	412.29	189.41	113.32	4,014.09	70.01	58.74
5	Adj. EUOH (3*4)	Hrs.	344.55	412.29	189.96	118.19	3,629.79	70.45	57.60
6	Actual EAF	%	87.89	95.29	91.81	83.55	54.16	92.86	88.60
7	Adjusted EAF (using 2 & 5)	%	88.81	95.29	92.08	87.14	48.97	93.44	86.88
8	Difference (7-6)	%	0.91	0.00	0.27	3.59	-5.19	0.58	-1.72
9	Total adj. to EAF	%	0.91	0.00	0.27	3.59	-5.19	0.58	-1.72

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GENERATION PERFORMANCE INCENTIVE FACTOR
ADJUSTMENTS TO ANOHR ACTUAL

Duke Energy Florida
Janauary 2015 - December 2015

ANOHR adjustments for Target NOF			Bartow CC BA4	Crystal River 4 CR4	Crystal River 5 CR5	Hines 1 HN1	Hines 2 HN2	Hines 3 HN3	Hines 4 HN4
1	Target NOF	%	75.9	83.3	83.5	96.1	87.0	95.1	92.1
2	Target ANOHR	Btu/kwh	7450.9	10353.7	10157.3	7265.5	7224.6	7151.3	6964.3
3	Actual NOF	%	77.6	67.7	71.1	95.4	93.6	95.6	97.0
4	Calc. ANOHR (using 3)	Btu/kwh	7,431.9	10,485.3	10,433.3	7,277.0	7,167.1	7,145.2	6,955.0
5	Total adj. to ANOHR (2-4)	Btu/kwh	19.1	-131.7	-276.1	-11.4	0.0	6.1	9.3

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GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Janauary 2015 - December 2015

Unit: Bartow CC

	Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)	
	10	$2,487,200	89.95	10	$15,948,746	7,059.8	
	9	$2,238,480	89.71	9	$14,353,871	7,091.4	
	8	$1,989,760	89.46	8	$12,758,997	7,123.0	
	7	$1,741,040	89.21	7	$11,164,122	7,154.6	
	6	$1,492,320	88.97	6	$9,569,248	7,186.3	
****	5.353	$1,331,398	88.81	5	$7,974,373	7,217.9	
	5	$1,243,600	88.72	4	$6,379,498	7,249.5	
	4	$994,880	88.47	3	$4,784,624	7,281.1	
	3	$746,160	88.23	2	$3,189,749	7,312.7	
	2	$497,440	87.98	1	$1,594,875	7,344.3	
	1	$248,720	87.73	0	$0	7,375.9	
		$0	87.48	0.000	$0	7,410.3	****
	0	$0	87.48	0	$0	7,450.9	
		$0	87.48	0	$0	7,525.9	
	-1	($309,870)	86.98	-1	($1,594,875)	7,557.6	
	-2	($619,740)	86.47	-2	($3,189,749)	7,589.2	
	-3	($929,610)	85.97	-3	($4,784,624)	7,620.8	
	-4	($1,239,480)	85.46	-4	($6,379,498)	7,652.4	
	-5	($1,549,350)	84.96	-5	($7,974,373)	7,684.0	
	-6	($1,859,220)	84.45	-6	($9,569,248)	7,715.6	
	-7	($2,169,090)	83.95	-7	($11,164,122)	7,747.2	
	-8	($2,478,960)	83.44	-8	($12,758,997)	7,778.9	
	-9	($2,788,830)	82.94	-9	($14,353,871)	7,810.5	
	-10	($3,098,700)	82.43	-10	($15,948,746)	7,842.1	

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
3.62%	23.18%

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Original Sheet No. 6.101.9

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Janauary 2015 - December 2015

Unit: Crystal River 4

	Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)	
	10	$3,180,900	95.65	10	$7,968,053	9,884.6	
****	9.067	$2,884,122	95.29	9	$7,171,247	9,924.0	
	9	$2,862,810	95.27	8	$6,374,442	9,963.4	
	8	$2,544,720	94.89	7	$5,577,637	10,002.8	
	7	$2,226,630	94.51	6	$4,780,832	10,042.2	
	6	$1,908,540	94.13	5	$3,984,026	10,081.7	
	5	$1,590,450	93.75	4	$3,187,221	10,121.1	
	4	$1,272,360	93.37	3	$2,390,416	10,160.5	
	3	$954,270	92.99	2	$1,593,611	10,199.9	
	2	$636,180	92.62	1	$796,805	10,239.3	
	1	$318,090	92.24	0	$0	10,278.7	
		$0	91.86	0.000	$0	10,336.5	****
	0	$0	91.86	0	$0	10,353.7	
		$0	91.86	0	$0	10,428.7	
	-1	($586,050)	91.10	-1	($796,805)	10,468.1	
	-2	($1,172,100)	90.35	-2	($1,593,611)	10,507.5	
	-3	($1,758,150)	89.60	-3	($2,390,416)	10,546.9	
	-4	($2,344,200)	88.84	-4	($3,187,221)	10,586.3	
	-5	($2,930,250)	88.09	-5	($3,984,026)	10,625.7	
	-6	($3,516,300)	87.33	-6	($4,780,832)	10,665.1	
	-7	($4,102,350)	86.58	-7	($5,577,637)	10,704.5	
	-8	($4,688,400)	85.83	-8	($6,374,442)	10,743.9	
	-9	($5,274,450)	85.07	-9	($7,171,247)	10,783.3	
	-10	($5,860,500)	84.32	-10	($7,968,053)	10,822.7	

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
4.62%	11.58%

Issued by: Duke Energy Florida

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

Original Sheet No. 6.101.10

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Janauary 2015 - December 2015

Unit: Crystal River 5

	Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)	
****	10	$2,301,000	91.57	10	$7,213,828	9,715.0	
	10	$2,301,000	91.57	9	$6,492,445	9,751.7	
	9	$2,070,900	91.34	8	$5,771,063	9,788.5	
	8	$1,840,800	91.10	7	$5,049,680	9,825.2	
	7	$1,610,700	90.87	6	$4,328,297	9,861.9	
	6	$1,380,600	90.63	5	$3,606,914	9,898.6	
	5	$1,150,500	90.39	4	$2,885,531	9,935.4	
	4	$920,400	90.16	3	$2,164,148	9,972.1	
	3	$690,300	89.92	2.337	$1,685,872	9,996.5	****
	2	$460,200	89.69	2	$1,442,766	10,008.8	
	1	$230,100	89.45	1	$721,383	10,045.6	
		$0	89.21	0	$0	10,082.3	
	0	$0	89.21	0	$0	10,157.3	
		$0	89.21	0	$0	10,232.3	
	-1	($422,950)	88.74	-1	($721,383)	10,269.0	
	-2	($845,900)	88.26	-2	($1,442,766)	10,305.7	
	-3	($1,268,850)	87.78	-3	($2,164,148)	10,342.5	
	-4	($1,691,800)	87.30	-4	($2,885,531)	10,379.2	
	-5	($2,114,750)	86.82	-5	($3,606,914)	10,415.9	
	-6	($2,537,700)	86.34	-6	($4,328,297)	10,452.7	
	-7	($2,960,650)	85.86	-7	($5,049,680)	10,489.4	
	-8	($3,383,600)	85.38	-8	($5,771,063)	10,526.1	
	-9	($3,806,550)	84.91	-9	($6,492,445)	10,562.9	
	-10	($4,229,500)	84.43	-10	($7,213,828)	10,599.6	

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
3.34%	10.49%

Issued by: Duke Energy Florida

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

Original Sheet No. 6.101.11

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Janauary 2015 - December 2015

Unit: Hines 1

	Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)	
	10	$397,300	87.32	10	$7,824,023	6,823.4	
	9	$357,570	87.21	9	$7,041,621	6,860.2	
****	8.355	$331,944	87.14	8	$6,259,219	6,896.9	
	8	$317,840	87.11	7	$5,476,816	6,933.6	
	7	$278,110	87.00	6	$4,694,414	6,970.3	
	6	$238,380	86.90	5	$3,912,012	7,007.0	
	5	$198,650	86.79	4	$3,129,609	7,043.7	
	4	$158,920	86.69	3	$2,347,207	7,080.4	
	3	$119,190	86.58	2	$1,564,805	7,117.1	
	2	$79,460	86.47	1	$782,402	7,153.8	
	1	$39,730	86.37	0	$0	7,190.5	
		$0	86.26	0	$0	7,265.5	
	0	$0	86.26	0	$0	7,340.5	
		$0	86.26	-1	($782,402)	7,377.3	
	-1	($100,740)	86.05	-1.292	($1,010,864)	7,388.0	****
	-2	($201,480)	85.83	-2	($1,564,805)	7,414.0	
	-3	($302,220)	85.61	-3	($2,347,207)	7,450.7	
	-4	($402,960)	85.39	-4	($3,129,609)	7,487.4	
	-5	($503,700)	85.17	-5	($3,912,012)	7,524.1	
	-6	($604,440)	84.95	-6	($4,694,414)	7,560.8	
	-7	($705,180)	84.73	-7	($5,476,816)	7,597.5	
	-8	($805,920)	84.51	-8	($6,259,219)	7,634.2	
	-9	($906,660)	84.30	-9	($7,041,621)	7,670.9	
	-10	($1,007,400)	84.08	-10	($7,824,023)	7,707.7	

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
0.58%	11.37%

Issued by: Duke Energy Florida

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

Original Sheet No. 6.101.12

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Janauary 2015 - December 2015

Unit: Hines 2

	Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)	
	10	$430,900	89.79	10	$5,495,139	6,869.8	
	9	$387,810	89.74	9	$4,945,625	6,897.8	
	8	$344,720	89.68	8	$4,396,111	6,925.8	
	7	$301,630	89.63	7	$3,846,597	6,953.7	
	6	$258,540	89.57	6	$3,297,084	6,981.7	
	5	$215,450	89.52	5	$2,747,570	7,009.7	
	4	$172,360	89.46	4	$2,198,056	7,037.7	
	3	$129,270	89.40	3	$1,648,542	7,065.7	
	2	$86,180	89.35	2	$1,099,028	7,093.6	
	1	$43,090	89.29	1	$549,514	7,121.6	
		$0	89.24	0	$0	7,149.6	
	0	$0	89.24	0.000	$0	7,199.9	****
		$0	89.24	0	$0	7,224.6	
	-1	($40,610)	89.12	0	$0	7,299.6	
	-2	($81,220)	89.01	-1	($549,514)	7,327.6	
	-3	($121,830)	88.89	-2	($1,099,028)	7,355.6	
	-4	($162,440)	88.78	-3	($1,648,542)	7,383.5	
	-5	($203,050)	88.66	-4	($2,198,056)	7,411.5	
	-6	($243,660)	88.54	-5	($2,747,570)	7,439.5	
	-7	($284,270)	88.43	-6	($3,297,084)	7,467.5	
	-8	($324,880)	88.31	-7	($3,846,597)	7,495.5	
	-9	($365,490)	88.20	-8	($4,396,111)	7,523.4	
	-10	($406,100)	88.08	-9	($4,945,625)	7,551.4	
****	-10	($406,100)	88.08	-10	($5,495,139)	7,579.4	

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
0.63%	7.99%

Issued by: Duke Energy Florida

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

Original Sheet No. 6.101.13

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Janauary 2015 - December 2015

Unit: Hines 3

	Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)	
****	10	$734,000	93.21	10	$9,233,745	6,679.7	
	10	$734,000	93.21	9	$8,310,370	6,719.3	
	9	$660,600	93.12	8	$7,386,996	6,759.0	
	8	$587,200	93.02	7	$6,463,621	6,798.7	
	7	$513,800	92.93	6	$5,540,247	6,838.3	
	6	$440,400	92.84	5	$4,616,872	6,878.0	
	5	$367,000	92.75	4	$3,693,498	6,917.6	
	4	$293,600	92.65	3	$2,770,123	6,957.3	
	3	$220,200	92.56	2	$1,846,749	6,997.0	
	2	$146,800	92.47	1	$923,374	7,036.6	
	1	$73,400	92.37	0	$0	7,076.3	
		$0	92.28	0.000	$0	7,167.9	****
	0	$0	92.28	0	$0	7,151.3	
		$0	92.28	0	$0	7,226.3	
	-1	($98,740)	92.09	-1	($923,374)	7,266.0	
	-2	($197,480)	91.90	-2	($1,846,749)	7,305.6	
	-3	($296,220)	91.70	-3	($2,770,123)	7,345.3	
	-4	($394,960)	91.51	-4	($3,693,498)	7,384.9	
	-5	($493,700)	91.32	-5	($4,616,872)	7,424.6	
	-6	($592,440)	91.13	-6	($5,540,247)	7,464.3	
	-7	($691,180)	90.93	-7	($6,463,621)	7,503.9	
	-8	($789,920)	90.74	-8	($7,386,996)	7,543.6	
	-9	($888,660)	90.55	-9	($8,310,370)	7,583.3	
	-10	($987,400)	90.36	-10	($9,233,745)	7,622.9	

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
1.07%	13.42%

Issued by: Duke Energy Florida

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

Original Sheet No. 6.101.14

GENERATING PERFORMANCE INCENTIVE POINTS TABLE

Duke Energy Florida
Janauary 2015 - December 2015

Unit: Hines 4

	Equivalent Availability (Points)	Fuel Savings/Loss ($)	Equivalent Availability (%)	Average Heat Rate (Points)	Fuel Savings/Loss ($)	Average Heat Rate (BTU/KWH)	
	10	$390,700	87.08	10	$5,185,405	6,695.3	
	9	$351,630	87.04	9	$4,666,864	6,714.7	
	8	$312,560	87.00	8	$4,148,324	6,734.1	
	7	$273,490	86.96	7	$3,629,783	6,753.5	
	6	$234,420	86.91	6	$3,111,243	6,772.9	
****	5.076	$198,319	86.88	5	$2,592,702	6,792.3	
	5	$195,350	86.87	4	$2,074,162	6,811.7	
	4	$156,280	86.83	3	$1,555,621	6,831.1	
	3	$117,210	86.79	2	$1,037,081	6,850.5	
	2	$78,140	86.75	1	$518,540	6,869.9	
	1	$39,070	86.71	0	$0	6,889.3	
		$0	86.67	0	$0	6,964.3	
	0	$0	86.67	0	$0	7,039.3	
		$0	86.67	-1	($518,540)	7,058.6	
	-1	($31,780)	86.58	-1.021	($529,430)	7,059.1	****
	-2	($63,560)	86.50	-2	($1,037,081)	7,078.0	
	-3	($95,340)	86.41	-3	($1,555,621)	7,097.4	
	-4	($127,120)	86.32	-4	($2,074,162)	7,116.8	
	-5	($158,900)	86.24	-5	($2,592,702)	7,136.2	
	-6	($190,680)	86.15	-6	($3,111,243)	7,155.6	
	-7	($222,460)	86.07	-7	($3,629,783)	7,175.0	
	-8	($254,240)	85.98	-8	($4,148,324)	7,194.4	
	-9	($286,020)	85.89	-9	($4,666,864)	7,213.8	
	-10	($317,800)	85.81	-10	($5,185,405)	7,233.2	

Equivalent Availability Weighting Factor:	Heat Rate Weighting Factor:
0.57%	7.54%

Issued by: Duke Energy Florida

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

Original Sheet No. 6.101.15

ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Bartow CC	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-Dec Period
1. EAF	91.68	93.44	56.55	87.01	96.37	97.94	97.50	94.49	94.48	70.72	83.23	92.21	87.89
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	669.9	591.6	406.2	614.5	726.7	692.3	716.8	690.7	670.5	516.4	585.6	680.7	7,561.7
4. RSH	12.2	36.4	14.0	12.0	0.6	14.7	13.8	12.3	15.5	9.8	14.5	5.3	160.9
5. UH	61.9	44.1	322.9	93.5	16.8	13.1	13.4	41.0	34.1	217.9	120.9	58.0	1,037.4
6. POH	58.3	0.5	222.8	80.9	0.0	0.0	0.0	0.0	18.2	217.9	120.9	0.0	719.4
7. FOH	0.0	0.0	0.0	12.6	1.5	0.7	9.6	19.2	0.0	0.0	0.0	2.5	46.1
8. MOH	3.6	43.7	100.1	0.0	15.3	12.5	3.8	21.8	15.8	0.0	0.0	55.5	272.0
9. PPOH	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6
10. LR PP (MW)	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
11. PFOH	0.0	0.0	0.0	0.0	57.3	14.9	44.4	0.0	33.9	0.0	0.0	0.0	150.5
12. LR PF (MW)	0.0	0.0	0.0	0.0	119.1	137.6	137.5	0.0	194.0	0.0	0.0	0.0	143.2
13. PMOH	0.0	0.0	0.0	3.4	34.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.2
14. LR PM (MW)	0.0	0.0	0.0	27.0	144.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	134.0
15. NSC (MW)	1,160	1,160	1,160	1,160	1,160	1,160	1,160	1,160	1,160	1,160	1,160	1,160	1,160
16. OPER MBTU	4,903,737	4,237,148	1,079,163	3,855,124	5,375,275	5,100,215	4,394,207	4,860,370	4,583,395	2,863,630	3,901,179	5,175,751	50,329,194
17. NET GEN (MWH)	681,813	576,002	142,724	519,707	722,059	698,219	563,253	660,957	610,401	394,171	526,492	713,488	6,809,286
18. ANOHR (BTU/KWH)	7,192.2	7,356.1	7,561.2	7,417.9	7,444.4	7,304.6	7,801.5	7,353.5	7,508.8	7,264.9	7,409.8	7,254.2	7,391.3
19. NOF (%)	87.74	83.94	74.26	84.44	85.66	86.95	67.74	82.49	78.49	65.80	77.51	90.36	77.63
20. NPC (MW)	1,160	1,160	1,160	1,160	1,160	1,160	1,160	1,160	1,160	1,160	1,160	1,160	1,160
ANOHR EQUATION:	ANOHR=	-11.336	x NOF +	8,311.85									

Issued by: Duke Energy Florida

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

Original Sheet No. 6.101.16

ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Crystal River 4	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-Dec Period
1. EAF	90.53	99.17	98.74	96.48	89.10	93.62	99.95	98.20	99.53	95.06	83.27	100.00	95.29
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	674.9	672.0	743.0	720.0	693.0	681.8	744.0	744.0	720.0	739.7	608.8	744.0	8,485.1
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5. UH	69.1	0.0	0.0	0.0	51.1	38.2	0.0	0.0	0.0	4.3	112.2	0.0	274.9
6. POH	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
7. FOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	4.3
8. MOH	69.1	0.0	0.0	0.0	51.1	38.2	0.0	0.0	0.0	0.0	112.2	0.0	270.6
9. PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. LR PP (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11. PFOH	0.0	17.4	10.3	19.7	0.0	8.3	0.0	21.4	0.0	7.1	0.0	0.0	84.1
12. LR PF (MW)	0.0	220.6	167.3	336.1	0.0	335.2	0.0	252.8	0.0	108.0	0.0	0.0	251.1
13. PMOH	10.5	1.5	18.2	128.0	238.7	34.0	4.0	20.7	35.7	174.6	31.3	0.0	697.2
14. LR PM (MW)	93.0	93.2	271.9	89.2	89.6	80.6	65.0	198.8	67.4	127.9	191.2	0.0	110.0
15. NSC (MW)	712	712	712	712	712	712	712	712	712	712	712	712	712
16. OPER MBTU	3,448,203	3,378,381	4,227,341	4,046,621	3,625,009	3,566,531	4,021,425	3,869,618	3,709,431	3,449,448	2,675,584	2,787,183	42,804,776
17. NET GEN (MWH)	332,848	319,716	412,868	398,291	351,041	349,885	380,025	359,740	354,695	332,386	244,510	253,060	4,089,065
18. ANOHR (BTU/KWH)	10,359.7	10,566.8	10,239.0	10,160.0	10,326.5	10,193.4	10,582.0	10,756.7	10,458.1	10,377.8	10,942.6	11,013.9	10,468.1
19. NOF (%)	69.26	66.82	78.04	77.69	71.15	72.08	71.74	67.91	69.19	63.11	56.41	47.77	67.68
20. NPC (MW)	712	712	712	712	712	712	712	712	712	712	712	712	712
ANOHR EQUATION:	ANOHR=	-8.426	x NOF +	11,055.61									

Issued by: Duke Energy Florida

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

Original Sheet No. 6.101.17

ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Crystal River 5	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-Dec Period
1. EAF	100.00	99.64	98.87	91.76	97.54	99.45	99.86	98.34	98.03	95.02	30.10	92.42	91.81
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	75.3	404.0	743.0	670.1	744.0	720.0	744.0	744.0	720.0	720.0	0.0	104.3	6,388.7
4. RSH	668.7	268.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	217.0	588.6	1,742.3
5. UH	0.0	0.0	0.0	49.9	0.0	0.0	0.0	0.0	0.0	24.0	504.0	51.1	629.0
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	504.0	0.0	528.0
7. FOH	0.0	0.0	0.0	49.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.1	101.0
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9. PPOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10. LR PP (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11. PFOH	0.0	0.0	17.0	28.3	0.0	0.0	0.0	41.8	23.0	9.3	0.0	43.9	163.3
12. LR PF (MW)	0.0	0.0	91.0	88.4	0.0	0.0	0.0	174.5	144.5	472.0	0.0	53.0	130.9
13. PMOH	0.0	3.7	24.9	53.0	65.3	33.6	12.0	18.0	23.1	39.6	0.0	3.0	276.0
14. LR PM (MW)	0.0	471.6	177.5	78.5	199.4	83.6	63.0	80.3	292.1	124.0	0.0	472.0	149.9
15. NSC (MW)	710	710	710	710	710	710	710	710	710	710	710	710	710
16. OPER MBTU	441,979	2,042,258	4,217,136	3,835,333	4,045,552	3,716,334	3,848,861	3,799,776	3,546,606	3,273,300	0	380,185	33,147,320
17. NET GEN (MWH)	43,107	198,635	422,693	381,022	406,415	367,972	364,092	354,509	336,467	319,515	0	32,371	3,226,798
18. ANOHR (BTU/KWH)	10,253.1	10,281.5	9,976.8	10,065.9	9,954.2	10,099.5	10,571.1	10,718.4	10,540.7	10,244.6	0.0	11,744.6	10,272.5
19. NOF (%)	80.61	69.25	80.13	80.09	76.94	71.98	68.93	67.11	65.82	62.50	0.00	43.71	71.14
20. NPC (MW)	710	710	710	710	710	710	710	710	710	710	710	710	710
ANOHR EQUATION:	ANOHR=	-22.363	x NOF +	12,024.19									

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

Original Sheet No. 6.101.18

ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Hines 1	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-Dec Period
1. EAF	99.46	71.61	0.00	43.94	95.97	100.00	95.61	98.47	100.00	100.00	99.85	96.96	83.55
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	737.1	478.5	0.0	316.3	714.0	720.0	706.5	732.2	720.0	744.0	685.1	668.2	7,221.9
4. RSH	5.2	2.8	0.0	0.0	0.0	0.0	6.5	2.4	0.0	0.0	34.9	53.2	105.0
5. UH	1.6	190.8	743.0	403.7	30.0	0.0	31.0	9.4	0.0	0.0	1.1	22.6	1,433.1
6. POH	0.0	190.8	743.0	392.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,325.8
7. FOH	0.0	0.0	0.0	11.6	1.0	0.0	31.0	9.4	0.0	0.0	1.1	22.6	76.7
8. MOH	1.6	0.0	0.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.6
9. PPOH	1.8	0.0	0.0	0.0	0.0	2.8	1.4	1.5	1.3	3.0	0.0	0.0	11.9
10. LR PP (MW)	66.0	0.0	0.0	0.0	0.0	59.1	63.7	59.8	62.2	61.4	0.0	0.0	61.7
11. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	8.8	11.0	0.0	0.0	0.0	0.0	19.8
12. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	89.1	81.5	0.0	0.0	0.0	0.0	84.8
13. PMOH	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.3
14. LR PM (MW)	72.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.0
15. NSC (MW)	462	462	462	462	462	462	462	462	462	462	462	462	462
16. OPER MBTU	2,524,187	1,694,595	0	1,028,254	2,150,728	2,339,254	2,318,078	2,297,932	2,297,806	2,491,592	2,185,627	2,222,709	23,550,762
17. NET GEN (MWH)	338,209	229,988	0	140,888	312,850	310,748	309,357	311,702	316,007	340,038	293,399	279,612	3,182,798
18. ANOHR (BTU/KWH)	7,463.4	7,368.2	0.0	7,298.4	6,874.6	7,527.8	7,493.2	7,372.2	7,271.4	7,327.4	7,449.3	7,949.3	7,399.4
19. NOF (%)	99.31	104.04	0.00	96.40	94.84	93.42	94.77	92.15	95.00	98.93	92.70	90.58	95.39
20. NPC (MW)	462	462	462	462	462	462	462	462	462	462	462	462	462
ANOHR EQUATION:	ANOHR=	-16.349	x NOF +	8,836.54									

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

Original Sheet No. 6.101.19

ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Hines 2	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-Dec Period
1. EAF	0.00	0.00	0.00	0.00	0.25	47.87	100.00	100.00	100.00	97.64	100.00	100.00	54.16
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	0.0	0.0	0.0	0.0	1.8	344.7	744.0	744.0	672.1	729.9	715.0	743.1	4,694.5
4. RSH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.0	0.0	6.0	0.9	54.9
5. UH	744.0	672.0	743.0	720.0	742.2	375.3	0.0	0.0	0.0	14.1	0.0	0.0	4,010.6
6. POH	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
7. FOH	744.0	672.0	743.0	720.0	742.2	375.3	0.0	0.0	0.0	14.1	0.0	0.0	4,010.6
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9. PPOH	0.0	0.0	0.0	0.0	0.0	2.0	2.8	4.5	1.1	2.8	0.0	2.2	15.3
10. LR PP (MW)	0.0	0.0	0.0	0.0	0.0	50.9	45.9	49.1	51.4	39.5	0.0	53.0	47.8
11. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.6	0.0	0.0	16.6
12. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	104.0	0.0	0.0	104.0
13. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15. NSC (MW)	490	490	490	490	490	490	490	490	490	490	490	490	490
16. OPER MBTU	0	0	0	0	1,844	1,249,778	2,495,954	2,412,473	2,054,047	2,497,869	2,302,212	2,487,713	15,501,892
17. NET GEN (MWH)	0	0	0	0	0	157,237	349,214	341,647	294,086	346,362	326,122	338,389	2,153,057
18. ANOHR (BTU/KWH)	0.0	0.0	0.0	0.0	0.0	7,948.4	7,147.3	7,061.3	6,984.5	7,211.7	7,059.4	7,351.6	7,199.9
19. NOF (%)	0.00	0.00	0.00	0.00	0.00	93.10	95.79	93.71	89.31	96.84	93.09	92.93	93.60
20. NPC (MW)	490	490	490	490	490	490	490	490	490	490	490	490	490
ANOHR EQUATION:	ANOHR=	-8.738	x NOF +	7,984.98									

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

Original Sheet No. 6.101.20

ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Hines 3	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-Dec Period
1. EAF	97.81	100.00	100.00	59.68	68.07	100.00	98.97	100.00	99.56	100.00	98.19	92.51	92.86
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	686.9	672.0	743.0	429.7	506.4	720.0	738.2	744.0	710.2	744.0	685.5	686.2	8,066.2
4. RSH	40.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	22.4	2.1	72.0
5. UH	16.3	0.0	0.0	290.3	237.6	0.0	5.8	0.0	3.2	0.0	13.0	55.7	621.8
6. POH	0.0	0.0	0.0	290.3	207.7	0.0	0.0	0.0	0.0	0.0	0.0	55.7	553.7
7. FOH	16.3	0.0	0.0	0.0	29.9	0.0	5.8	0.0	0.0	0.0	13.0	0.0	64.9
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	3.2
9. PPOH	0.0	0.0	1.3	0.0	5.5	6.1	2.3	1.2	4.8	1.3	0.0	1.6	23.9
10. LR PP (MW)	0.0	0.0	34.4	0.0	41.3	40.0	41.6	40.1	41.4	41.3	0.0	40.3	40.5
11. PFOH	0.0	0.0	0.0	0.0	0.0	0.0	14.4	0.0	0.0	0.0	0.0	0.0	14.4
12. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	0.0	63.1	0.0	0.0	0.0	0.0	0.0	63.1
13. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.4
14. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0	41.9	0.0	0.0	0.0	0.0	0.0	41.9
15. NSC (MW)	488	488	488	488	488	488	488	488	488	488	488	488	488
16. OPER MBTU	2,324,063	2,343,971	2,594,096	1,459,831	1,712,240	2,334,811	2,414,734	2,401,056	2,541,548	2,537,497	2,140,314	2,153,118	26,957,279
17. NET GEN (MWH)	327,307	336,232	367,462	204,252	224,249	329,233	340,964	340,761	325,315	353,058	310,522	304,646	3,764,001
18. ANOHR (BTU/KWH)	7,100.6	6,971.3	7,059.5	7,147.2	7,635.4	7,091.7	7,082.1	7,046.2	7,812.6	7,187.2	6,892.6	7,067.6	7,161.9
19. NOF (%)	97.64	102.53	101.35	97.40	90.74	93.70	94.64	93.85	93.87	97.24	92.82	90.98	95.62
20. NPC (MW)	488	488	488	488	488	488	488	488	488	488	488	488	488
ANOHR EQUATION:	ANOHR=	-12.705	x NOF +	8,360.08									

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

Original Sheet No. 6.101.21

ACTUAL UNIT PERFORMANCE DATA

Duke Energy Florida

Hines 4	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-Dec Period
1. EAF	100.00	100.00	100.00	95.40	98.25	99.74	100.00	100.00	100.00	25.28	68.01	78.56	88.60
2. PH	744	672	743	720	744	720	744	744	720	744	721	744	8,760
3. SH	732.4	639.2	743.0	686.9	731.0	698.0	744.0	744.0	692.3	188.1	479.8	564.9	7,643.4
4. RSH	11.6	32.8	0.0	0.0	0.0	20.3	0.0	0.0	27.8	0.0	10.6	19.6	122.6
5. UH	0.0	0.0	0.0	33.1	13.0	1.7	0.0	0.0	0.0	556.0	230.7	159.5	994.0
6. POH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	556.0	230.7	148.8	935.4
7. FOH	0.0	0.0	0.0	33.1	13.0	1.7	0.0	0.0	0.0	0.0	0.0	10.7	58.5
8. MOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9. PPOH	3.2	0.0	1.8	0.0	0.0	16.3	21.6	2.0	1.0	13.0	0.0	1.2	60.1
10. LR PP (MW)	50.2	0.0	41.0	0.0	0.0	34.4	33.9	39.3	39.1	32.3	0.0	39.8	35.1
11. PFOH	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1
12. LR PF (MW)	0.0	0.0	0.0	0.0	0.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	90.0
13. PMOH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14. LR PM (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15. NSC (MW)	472	472	472	472	472	472	472	472	472	472	472	472	472
16. OPER MBTU	2,483,314	2,124,343	2,559,465	2,278,724	2,559,512	2,214,581	2,448,468	2,411,081	2,205,030	523,486	1,178,204	1,682,552	24,668,760
17. NET GEN (MWH)	359,310	308,121	367,129	319,896	339,415	308,507	347,039	345,023	315,811	69,813	171,115	248,031	3,499,210
18. ANOHR (BTU/KWH)	6,911.3	6,894.5	6,971.6	7,123.3	7,541.0	7,178.4	7,055.3	6,988.2	6,982.1	7,498.4	6,885.5	6,783.6	7,049.8
19. NOF (%)	103.94	102.13	104.69	98.67	98.37	93.64	98.82	98.25	96.65	78.65	75.56	93.03	96.99
20. NPC (MW)	472	472	472	472	472	472	472	472	472	472	472	472	472
ANOHR EQUATION:	ANOHR=	-1.879	x NOF +	7,137.27									

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PLANNED OUTAGE SCHEDULES
ACTUAL

Duke Energy Florida
Janauary 2015 - December 2015

Plant/Unit	Planned Outage Dates	Reason for Outage
Bartow 4	01/16(0241) - 02/01 (0256)	Gas Turbine - Lube Oil System
Bartow 4	3/8(0114) - 4/9 (1615)	Steam turbine valves
Bartow 4	9/26(0002) - 11/23(20:52)	Gas Turbine - Fuel Nozzles/vanes
Crystal River 5	10/30 (2359) - 11/21 (2300)	Minor Boiler Overhaul
Hines 1	2/21(0115) - 4/17(21:35)	Steam turbine & gas turbine inspection
Hines 3	4/18(1225) - 5/10(1505)	Steam turbine & gas turbine inspection
Hines 3	12/03(2000) - 12/11(1520)	Gas turbine inspection
Hines 4	10/03(0000) - 12/16(1614)	Turbine inspection, rotor replacement, balance of plant

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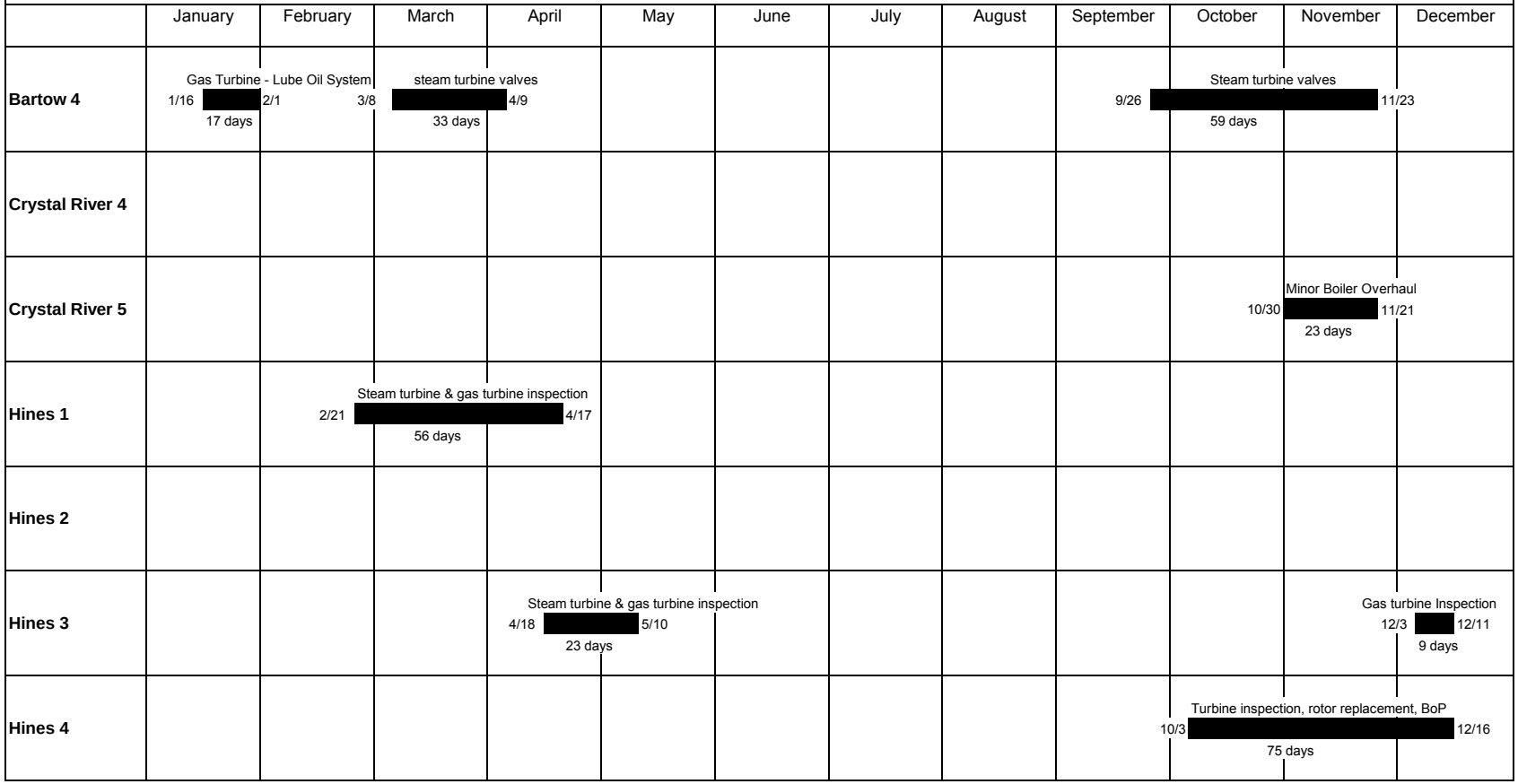
Docket No.:
Order No.:

Planned Outage Schedule - Actual

Duke Energy Florida

Janauary 2015 - December 2015



Issued by: Duke Energy Florida

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