



DIANNE M. TRIPLETT
ASSOCIATE GENERAL COUNSEL

February 20, 2017

VIA ELECTRONIC FILING

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

Re: Docket No. 170001-EI

Dear Ms. Stauffer:

Attached for electronic filing in the subject docket on behalf of Duke Energy Florida, LLC, are the Schedules A1 through A9 and A12 for the reporting month of January 2017 as well as the following revised schedules for December 2016: Schedule A-1, Schedule A-3, and Schedule A-4.

Thank you for your assistance in this matter. Please feel free to call me at (727) 820-4692 should you have any questions concerning this filing.

Sincerely,

/s/ Dianne M. Triplett

Dianne M. Triplett
Associate General Counsel

DMT/db
Attachments

cc: Parties of record

CERTIFICATE OF SERVICE

Docket No. 170001-EI

I HEREBY CERTIFY that a true copy of Duke Energy Florida, LLC's Schedules A1-A9 and A12 for the month of January 2017 and revised Schedules A1, A3, and A4 for December 2016 have been furnished to the following individuals via e-mail on this 20th day of February, 2017.

/s/ Dianne M. Triplett
Attorney

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

JANUARY 2017

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	98,838,811	96,468,913	2,369,898	2.5	2,649,102	2,918,447	(269,345)	(9.2)	3.7310	3.3055	0.4255	12.9
2 SPENT NUCLEAR FUEL DISPOSAL COST	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 COAL CAR SALE	(42,303)	0	(42,303)	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3a NUCLEAR DECOMMISSIONING AND DECONTAMINATION	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	(517,165)	0	(517,165)	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4a ADJUSTMENTS TO FUEL COST - DISPOSAL COST REFUND	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
5 TOTAL COST OF GENERATED POWER	98,279,343	96,468,913	1,810,430	1.9	2,649,102	2,918,447	(269,345)	(9.2)	3.7099	3.3055	0.4044	12.2
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	2,642,216	1,962,180	680,036	34.7	92,842	36,650	56,192	153.3	2.8459	5.3538	(2.5079)	(46.8)
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	2,007	0	2,007	0.0	75	0	75	0.0	2.6753	0.0000	2.6753	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	197,206	309,512	(112,306)	(36.3)	5,902	7,241	(1,339)	(18.5)	3.3413	4.2743	(0.9330)	(21.8)
9 ENERGY COST OF SCH E PURCHASES (SCH A9)	-	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
10 CAPACITY COST OF ECONOMY PURCHASES (SCH A9)	-	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
11 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	13,627,016	12,177,556	1,449,460	11.9	301,021	296,006	5,015	1.7	4.5269	4.1140	0.4129	10.0
12 TOTAL COST OF PURCHASED POWER	16,468,445	14,449,248	2,019,197	14.0	399,840	339,897	59,943	17.6	4.1188	4.2511	(0.1323)	(3.1)
13 TOTAL AVAILABLE MWH					3,048,942	3,258,343	(209,402)	(6.4)				
14 FUEL COST OF ECONOMY SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
14a GAIN ON ECONOMY SALES - 100% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
15 FUEL COST OF OTHER POWER SALES (SCH A6)	(182,091)	(293,948)	111,857	(38.1)	(6,767)	(9,639)	2,872	(29.8)	2.6909	3.0495	(0.3586)	(11.8)
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(22,161)	(71,551)	49,390	(69.0)	(6,767)	(9,639)	2,872	(29.8)	0.3275	0.7423	(0.4148)	(55.9)
15b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
16 FUEL COST OF SEMINOLE BACK-UP SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
17 FUEL COST OF STRATIFIED SALES	(1,678,692)	(1,602,253)	(76,439)	4.8	(61,854)	(62,957)	1,103	(1.8)	2.7140	2.5450	0.1690	6.6
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(1,882,943)	(1,967,752)	84,809	(4.3)	(68,621)	(72,596)	3,975	(5.5)	2.7440	2.7105	0.0335	1.2
19 NET INADVERTENT AND WHEELED INTERCHANGE					12,405	0	12,405					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	112,864,845	108,950,409	3,914,436	3.6	2,992,726	3,185,747	(193,022)	(6.1)	3.7713	3.4199	0.3514	10.3
21 NET UNBILLED	9,708,085	(5,756,362)	15,464,447	(268.7)	(257,420)	168,318	(425,738)	(252.9)	0.3735	(0.1810)	0.5545	(306.4)
22 COMPANY USE	443,734	489,810	(46,076)	(9.4)	(11,766)	(14,322)	2,556	(17.9)	0.0171	0.0154	0.0017	11.0
23 T & D LOSSES	4,698,795	5,428,827	(730,032)	(13.5)	(124,593)	(158,741)	34,147	(21.5)	0.1808	0.1707	0.0101	5.9
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	112,864,845	108,950,409	3,914,436	3.6	2,598,947	3,181,002	(582,056)	(18.3)	4.3427	3.4250	0.9177	26.8
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(1,049,643)	(631,912)	(417,731)	66.1	(24,148)	(18,603)	(5,545)	29.8	4.3467	3.3968	0.9499	28.0
26 JURISDICTIONAL KWH SALES	111,815,202	108,318,497	3,496,705	3.2	2,574,798	3,162,399	(587,601)	(18.6)	4.3427	3.4252	0.9175	26.8
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.0004	111,859,928	108,361,824	3,498,104	3.2	2,574,798	3,162,399	(587,601)	(18.6)	4.3444	3.4266	0.9178	26.8
28 PRIOR PERIOD TRUE-UP	2,184,805	2,184,805	0	0.0	2,574,798	3,162,399	(587,601)	(18.6)	0.0849	0.0691	0.0158	22.9
28a MARKET PRICE TRUE-UP	0	0	0	0.0	2,574,798	3,162,399	(587,601)	(18.6)	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	2,574,798	3,162,399	(587,601)	(18.6)	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	114,044,733	110,546,629	3,498,104	3.2	2,574,798	3,162,399	(587,601)	(18.6)	4.4293	3.4957	0.9336	26.7
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									4.4325	3.4982	0.9343	26.7
32 GPIF	187,952	187,952			2,574,798	3,162,399			0.0073	0.0059	0.0014	23.7
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.440	3.504	0.936	26.7

*Line 15a. MWH Data for Infomational Purposes Only

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - JANUARY 2017

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	98,838,811	96,468,913	2,369,898	2.5	2,649,102	2,918,447	(269,345)	(9.2)	3.7310	3.3055	0.4255	12.9
2 SPENT NUCLEAR FUEL DISPOSAL COST	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 COAL CAR SALE	(42,303)	0	(42,303)	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3a NUCLEAR DECOMMISSIONING AND DECONTAMINATION	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	(517,165)	0	(517,165)	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4a ADJUSTMENTS TO FUEL COST - DISPOSAL COST REFUND	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
5 TOTAL COST OF GENERATED POWER	98,279,343	96,468,913	1,810,430	1.9	2,649,102	2,918,447	(269,345)	(9.2)	3.7099	3.3055	0.4044	12.2
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7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	2,007	0	2,007	0.0	75	0	75	0.0	2.6753	0.0000	2.6753	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	197,206	309,512	(112,306)	(36.3)	5,902	7,241	(1,339)	(18.5)	3.3413	4.2743	(0.9330)	(21.8)
9 ENERGY COST OF SCH E PURCHASES (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
10 CAPACITY COST OF ECONOMY PURCHASES (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
11 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	13,627,016	12,177,556	1,449,460	11.9	301,021	296,006	5,015	1.7	4.5269	4.1140	0.4129	10.0
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14 FUEL COST OF ECONOMY SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
14a GAIN ON ECONOMY SALES - 100% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
15 FUEL COST OF OTHER POWER SALES (SCH A6)	(182,091)	(293,948)	111,857	(38.1)	(6,767)	(9,639)	2,872	(29.8)	2.6909	3.0495	(0.3586)	(11.8)
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15b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
16 FUEL COST OF SEMINOLE BACK-UP SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
17 FUEL COST OF STRATIFIED SALES	(1,678,692)	(1,602,253)	(76,439)	4.8	(61,854)	(62,957)	1,103	(1.8)	2.7140	2.5450	0.1690	6.6
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(1,882,943)	(1,967,752)	84,809	(4.3)	(68,621)	(72,596)	3,975	(5.5)	2.7440	2.7105	0.0335	1.2
19 NET INADVERTENT AND WHEELED INTERCHANGE					12,405	0	12,405					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	112,864,845	108,950,409	3,914,436	3.6	2,992,726	3,185,747	(193,022)	(6.1)	3.7713	3.4199	0.3514	10.3
21 NET UNBILLED	9,708,085	(5,756,362)	15,464,447	(268.7)	(257,420)	168,318	(425,738)	(252.9)	0.3735	(0.1810)	0.5545	(306.4)
22 COMPANY USE	443,734	489,810	(46,076)	(9.4)	(11,766)	(14,322)	2,556	(17.9)	0.0171	0.0154	0.0017	11.0
23 T & D LOSSES	4,698,795	5,428,827	(730,032)	(13.5)	(124,593)	(158,741)	34,147	(21.5)	0.1808	0.1707	0.0101	5.9
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	112,864,845	108,950,409	3,914,436	3.6	2,598,947	3,181,002	(582,056)	(18.3)	4.3427	3.4250	0.9177	26.8
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(1,049,643)	(631,912)	(417,731)	66.1	(24,148)	(18,603)	(5,545)	29.8	4.3467	3.3968	0.9499	28.0
26 JURISDICTIONAL KWH SALES	111,815,202	108,318,497	3,496,705	3.2	2,574,798	3,162,399	(587,601)	(18.6)	4.3427	3.4252	0.9175	26.8
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.0004	111,859,928	108,361,824	3,498,104	3.2	2,574,798	3,162,399	(587,601)	(18.6)	4.3444	3.4266	0.9178	26.8
28 PRIOR PERIOD TRUE-UP	2,184,805	2,184,805	0	0.0	2,574,798	3,162,399	(587,601)	(18.6)	0.0849	0.0691	0.0158	22.9
28a MARKET PRICE TRUE-UP	0	0	0	0.0	2,574,798	3,162,399	(587,601)	(18.6)	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	2,574,798	3,162,399	(587,601)	(18.6)	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	114,044,733	110,546,629	3,498,104	3.2	2,574,798	3,162,399	(587,601)	(18.6)	4.4293	3.4957	0.9336	26.7
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									4.4325	3.4982	0.9343	26.7
32 GPIF	187,952	187,952			2,574,798	3,162,399			0.0073	0.0059	0.0014	80.8
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.440	3.504	0.936	26.7

*Line 15a. MWH Data for Infomational Purposes Only

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
JANUARY 2017

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
A . FUEL COSTS AND NET POWER TRANSACTIONS								
1 . FUEL COST OF SYSTEM NET GENERATION	\$98,838,811	96,468,913	\$2,369,898	2.5	\$98,838,811	\$96,468,913	\$2,369,898	2.5
1a. NUCLEAR FUEL DISPOSAL COST	-	0	0	0.0	0	0	0	0.0
1b. NUCLEAR DECOMMISSIONING AND DECONTAMINATION	-	0	0	0.0	0	0	0	0.0
1c. COAL CAR SALE	(42,303)	0	(42,303)	0.0	(42,303)	0	(42,303)	0.0
2 . FUEL COST OF POWER SOLD	(182,091)	(293,948)	111,857	(38.1)	(182,091)	(293,948)	111,857	(38.1)
2a. GAIN ON POWER SALES	(22,161)	(71,551)	49,390	(69.0)	(22,161)	(71,551)	49,390	(69.0)
3 . FUEL COST OF PURCHASED POWER	2,642,216	1,962,180	680,036	34.7	2,642,216	1,962,180	680,036	34.7
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	13,627,016	12,177,556	1,449,460	11.9	13,627,016	12,177,556	1,449,460	11.9
3b. DEMAND & NON FUEL COST OF PURCH POWER	0	0	0	0.0	0	0	0	0.0
4 . ENERGY COST OF ECONOMY PURCHASES	199,213	309,512	(110,299)	(35.6)	199,213	309,512	(110,299)	(35.6)
5 . TOTAL FUEL & NET POWER TRANSACTIONS	115,060,701	110,552,662	4,508,039	4.1	115,060,701	110,552,662	4,508,039	4.1
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(1,678,692)	(1,602,253)	(76,439)	4.8	(1,678,692)	(1,602,253)	(76,439)	4.8
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	(517,165)	0	(517,165)	0.0	(517,165)	0	(517,165)	0.0
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$112,864,845	\$108,950,409	\$3,914,436	3.6	\$112,864,845	\$108,950,409	\$3,914,436	3.6

FOOTNOTE: DETAIL OF LINE 6b ABOVE

INSPECTION & FUEL ANALYSIS REPORTS (Wholesale Portion)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
N/A - Not used	0	0	0	0	0	0	0
UNIVERSITY OF FLORIDA STEAM REVENUE ALLOCATION (Wholesale Portion)	930	0	930	930	930	0	930
N/A - Not used	0	0	0	0	0	0	0
TANK BOTTOM ADJUSTMENT	(574,431)	0	(574,431)	(574,431)	(574,431)	0	(574,431)
AERIAL SURVEY ADJUSTMENT (Coal Pile)	0	0	0	0	0	0	0
RRSSA Refund	0	0	0	0	0	0	0
Interest Amortized for Fuel Refund	0	0	0	0	0	0	0
Gain/Loss on Disposition of Oil	0	0	0	0	0	0	0
N/A - Not used	0	0	0	0	0	0	0
NET METER SETTLEMENT	56,336	0	56,336	56,336	56,336	0	56,336
Bartow Outage Replacement Power	0	0	0	0	0	0	0
Derivative Collateral Interest	0	0	0	0	0	0	0
N/A - Not used	0	0	0	0	0	0	0
SUBTOTAL LINE 6b SHOWN ABOVE	(\$517,165)	\$0	(\$517,165)	(\$517,165)	(\$517,165)	\$0	(\$517,165)

B. KWH SALES								
1 . JURISDICTIONAL SALES	2,574,798,596	3,162,399,297	(587,600,701)	(18.6)	2,574,798,596	3,162,399,297	(587,600,701)	(18.6)
2 . NON JURISDICTIONAL (WHOLESALE) SALES	24,148,247	18,603,000	5,545,247	29.8	24,148,247	18,603,000	5,545,247	29.8
3 . TOTAL SALES	2,598,946,843	3,181,002,297	(582,055,454)	(18.3)	2,598,946,843	3,181,002,297	(582,055,454)	(18.3)
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.07	99.42	(0.35)	(0.4)	99.07	99.42	(0.35)	(0.4)

DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
JANUARY 2017

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$92,072,964	\$115,742,701	(\$23,669,738)	(20.5)	\$92,072,964	\$115,742,701	(\$23,669,738)	(20.5)
2. ADJUSTMENTS:	0	0	0	0.0	0	0	0	0.0
2a. REFUND OF \$30 MILLION PER RRSSA	0	0	0	0.0	0	0	0	0.0
2b. INCREASE IN RETAIL FUEL RATE PER RRSSA	0	0	0	0.0	0	0	0	0.0
2c. TRUE UP PROVISION	(2,184,805)	(2,184,805)	(0)	0.0	(2,184,805)	(2,184,805)	(0)	0.0
2d. INCENTIVE PROVISION	(187,952)	(187,952)	0	0.0	(187,952)	(187,952)	0	0.0
2e. OTHER: MARKET PRICE TRUE UP	0	0	0	0.0	0	0	0	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	89,700,207	113,369,944	(23,669,738)	(20.9)	89,700,207	113,369,944	(23,669,738)	(20.9)
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	112,864,845	108,950,409	3,914,436	3.6	112,864,845	108,950,409	3,914,436	3.6
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99.07	99.42	(0.35)	(0.4)	99.19	99.42	(0.23)	(0.2)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.0004 LOSS MULTIPLIER)	111,859,928	108,361,824	3,498,104	3.2	111,859,928	108,361,824	3,498,104	3.2
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	(22,159,721)	5,008,120	(27,167,841)	(542.5)	(22,159,721)	5,008,120	(27,167,841)	(542.5)
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	(58,010)	(7,000)	(51,011)	728.8	(58,010)	(7,000)	(51,011)	728.8
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	(85,111,174)	(26,217,663)	(58,893,511)	224.6	(85,111,174)	(26,217,663)	(58,893,511)	224.6
10. TRUE UP COLLECTED (REFUNDED)	2,184,805	2,184,805	0	0.0	2,184,805	2,184,805	0	0.0
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	(105,144,100)	(19,031,738)	(86,112,362)	452.5	(105,144,100)	(19,031,738)	(86,112,362)	452.5
12. OTHER:	0				0			
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	(\$105,144,100)	(19,031,738)	(86,112,362)	452.5	(\$105,144,100)	(19,031,738)	(86,112,362)	452.5
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	(\$85,111,174)	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	(105,086,090)	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	(190,197,264)	N/A	--	--				
4. AVERAGE TRUE UP (50% OF LINE D3)	(95,098,632)	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.720	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.740	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	1.460	N/A	--	--				
8. AVERAGE INTEREST RATE (50% OF LINE D7)	0.730	N/A	--	--				
9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)	0.061	N/A	--	--				
10. INTEREST PROVISION (LINE D4 * LINE D9)	(\$58,010)	N/A	--	--				

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 1/1/2017

Run Date: 2/3/2017 10:25:33AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
NET GENERATION (\$)				
1 - HEAVY OIL	0	0	0	0.0%
2 - LIGHT OIL	584,006	336,416	247,590	73.6%
3 - COAL	24,862,701	28,240,918	(3,378,217)	(12.0%)
4 - GAS	73,392,104	67,891,579	5,500,525	8.1%
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	98,838,811	96,468,913	2,369,898	2.5%
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	3,301	241	3,060	1,269.9%
11 - COAL	695,229	894,094	(198,865)	(22.2%)
12 - GAS	1,949,480	2,022,683	(73,203)	(3.6%)
13 - NUCLEAR	0	0	0	0.0%
14 - SOLAR	1,091.00	1,429	(338.00)	(23.7)%
15	0	0	0	0.0%
16 - TOTAL (MWH)	2,649,102	2,918,447	(269,345)	(9.2%)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	6,302	2,185	4,117	188.4%
19 - COAL (TON)	322,062	400,765	(78,703)	(19.6%)
20 - GAS (MCF)	14,436,031	15,055,796	(619,765)	(4.1%)
21 - NUCLEAR (MMBTU)	0	0	0	0.0%
22	0	0	0	0.0%
23	0	0	0	0.0%
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0%
25 - LIGHT OIL	36,294	12,740	23,554	184.9%
26 - COAL	7,107,485	9,110,066	(2,002,581)	(22.0%)
27 - GAS	14,769,486	15,055,796	(286,310)	(1.9%)
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	21,913,265	24,178,602	(2,265,337)	(9.4%)

A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 1/1/2017
Run Date: 2/3/2017 10:25:33AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0%
33 - LIGHT OIL	0.1	0.01	0.1	1409.2%
34 - COAL	26.2	30.64	(4.4)	(14.3%)
35 - GAS	73.6	69.31	4.3	6.2%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 - SOLAR	0.04	0.05	(0.01)	(15.89)%
38	0.0	0.00	0.0	0.0%
<hr/>				
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0%
FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%
41 - LIGHT OIL (\$/BBL)	92.67	153.97	(61.30)	(39.8%)
42 - COAL (\$/TON)	77.20	70.47	6.73	9.6%
43 - GAS (\$/MCF)	5.08	4.51	0.57	12.7%
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0%
45	0.00	0.00	0.00	0.0%
46	0.00	0.00	0.00	0.0%
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0%
48 - LIGHT OIL	16.09	26.41	(10.32)	(39.1%)
49 - COAL	3.50	3.10	0.40	12.8%
50 - GAS	4.97	4.51	0.46	10.2%
51 - NUCLEAR	0.00	0.00	0.00	0.0%
52	0.00	0.00	0.00	0.0%
53	0.00	0.00	0.00	0.0%
<hr/>				
54 - SYSTEM (\$/MBTU)	4.51	3.99	0.52	13.0%
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	10,993	52,863	(41,870)	(79.2%)
57 - COAL	10,223	10,189	34	0.3%
58 - GAS	7,576	7,443	133	1.8%
59 - NUCLEAR	0	0	0	0.0%
60	0	0	0	0.0%
61	0	0	0	0.0%
<hr/>				
62 - SYSTEM (BTU/KWH)	8,272	8,285	(13)	(0.2%)

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

FINAL

Report Period: 1/1/2017 to 1/1/2017

Run Date: 2/3/2017 10:25:33AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<u>GENERATED FUEL COST PER KWH (CENTS/KWH)</u>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0%
64 - LIGHT OIL	17.69	139.59	(121.90)	(87.3%)
65 - COAL	3.58	3.16	0.42	13.2%
66 - GAS	3.76	3.36	0.41	12.2%
67 - NUCLEAR	0.00	0.00	0.00	0.0%
68	0.00	0.00	0.00	0.0%
69	0.00	0.00	0.00	0.0%
<u>70 - SYSTEM (CENTS/KWH)</u>	<u>3.73</u>	<u>3.31</u>	<u>0.43</u>	<u>12.9%</u>

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 1/1/2017
Run Date: 2/3/2017 10:25:38AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Nuclear													
Crystal River 3													
TOTAL UNIT 3			0.00			0				0	0	0.000	
TOTAL Nuclear:	0	0.00				0				0	0	0.000	
Solar													
Osceola Solar Facility 1													
TOTAL UNIT 1	4	495.00	18			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	596.00	16			0				0	0	0.000	
TOTAL Solar:	9	1,091.00				0				0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1		59,636.00					Gas	710,283	1.024	727,330	4,204,445	7.050	5.919
	524	59,636.00	15		12,196					727,330	4,204,445	7.050	
TOTAL UNIT 2		43,858.00					Gas	481,815	1.024	493,379	2,852,053	6.503	5.919
	524	43,858.00	11		11,249					493,379	2,852,053	6.503	
Bartow													
TOTAL UNIT 1			0.00			0				0	0	0.000	
TOTAL UNIT 2			0.00			0				0	0	0.000	
TOTAL UNIT 3			0.00			0				0	0	0.000	
Crystal River 1 & 2													
TOTAL UNIT 1			0.00			0				0	0	0.000	
		28,460.00					Coal	12,688	22.378	283,932	1,226,088	4.308	96.634
		0.00					No 2	1,019	5.734	5,843	92,146	0.000	90.428
TOTAL UNIT 2	503	28,460.00	8		10,182					289,775	1,318,234	4.632	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 1/1/2017
Run Date: 2/3/2017 10:25:38AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Steam													
Crystal River 4 & 5													
		311,345.00					Coal	144,457	22.056	3,186,144	11,036,720	3.545	76.401
		0.00					No 2	2,617	5.752	15,053	236,707	0.000	90.450
TOTAL UNIT 4	721	311,345.00	58			10,282				3,201,197	11,273,427	3.621	
		358,248.00					Coal	164,917	22.056	3,637,409	12,599,893	3.517	76.401
		0.00					No 2	1,390	5.752	7,995	125,725	0.000	90.450
TOTAL UNIT 5	721	358,248.00	67			10,176				3,645,405	12,725,618	3.552	
Suwannee Plant													
TOTAL UNIT 1			0.00			0				0	0	0.000	
TOTAL UNIT 2			0.00			0				0	0	0.000	
TOTAL UNIT 3			0.00			0				0	0	0.000	
TOTAL Steam:	2,993	801,547.00				10,426				8,357,085	32,373,778	4.039	

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 1/1/2017
Run Date: 2/3/2017 10:25:38AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Gas Turbine													
Avon Park Peaker													
		8.68					No 2	33	5.816	192	3,130	36.047	94.835
		7.32					Gas	158	1.024	162	937	12.803	5.930
TOTAL APP										354	4,066	25.415	
	50	16.00	0			22,108							
Bartow Combined Cycle													
		616,163.00					Gas	4,437,009	1.023	4,539,060	21,450,219	3.481	4.834
TOTAL BCC										4,539,060	21,450,219	3.481	
	1,120	616,163.00	74			7,367							
Bartow Peaker													
		117.00					Gas	2,083	1.024	2,133	12,310	10.521	5.910
TOTAL BAP										2,133	12,310	10.521	
	102	117.00	0			18,231							
Bayboro Peaker													
		0.00					No 2	84	5.712	480	12,161	0.000	144.772
TOTAL BYP										480	12,161	0.000	
	161	0.00	0			0							
Debarry Peaker													
		68.06					No 2	166	5.781	960	19,308	28.367	116.312
		1,219.94					Gas	16,797	1.024	17,200	99,335	8.143	5.914
TOTAL DEP													
	193	1,288.00	1			14,099				18,160	118,643	9.211	
Higgins Peaker													
		0.00					Gas	40	1.024	41	240	0.000	6.003
TOTAL HGP										41	240	0.000	
	121	0.00	0			0							
Hines Energy													
		1,004,020.00					Gas	7,061,615	1.023	7,224,032	36,158,081	3.601	5.120
TOTAL HEP										7,224,032	36,158,081	3.601	
	2,199	1,004,020.00	61			7,195							
Intercession City Peaker													
		405.12					No 2	994	5.806	5,771	94,830	23.408	95.402
		1,646.39					Gas	22,926	1.023	23,453	111,338	6.763	4.856
TOTAL ICP													
	809	2,051.51	0			14,245				29,224	206,168	10.050	
Osprey													
		28,319.00					Gas	159,805	1.022	163,321	818,461	2.890	5.122
TOTAL OSP										163,321	818,461	2.890	
	531	28,319.00	7			5,767							
Suwannee Peaker													
		2,179.90					Gas	32,261	1.024	33,035	190,669	8.747	5.910
TOTAL SRP										33,035	190,669	8.747	
	134	2,179.90	2			15,154							
Tiger Bay Cogen													
		155,995.00					Gas	1,168,389	1.023	1,195,262	5,648,409	3.621	4.834
TOTAL TBP										1,195,262	5,648,409	3.621	
	231	155,995.00	91			7,662							

A-4 System Net Generation and Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 1/1/2017
Run Date: 2/3/2017 10:25:38AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Gas Turbine													
Univ of Florida Cogen		0.00					No 2	0	0.000	0	0	0.000	0.000
		36,314.40					Gas	342,850	1.024	351,078	1,845,605	5.082	5.383
TOTAL UFP										351,078	1,845,605	5.082	
	48	36,314.40	102			9,668							
TOTAL Gas Turbine:										13,556,180	66,465,033	3.600	
	5,699	1,846,463.81				7,342							
SYSTEM TOTAL:	8,701	2,649,101.81				8,272				21,913,265	98,838,811	3.731	

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 1/1/2017
Run Date: 2/3/2017 10:34:56AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
HEAVY OIL				
1 - PURCHASES				
2 - UNITS (BBL)	0	0	0	0.0%
3 - UNIT COST (\$/BBL)	0.00	0.00	0.00	-
4 - AMOUNT (\$)	0	0	0	0.0%
5 - BURNED				
6 - UNITS (BBL)	0	0	0	0.0%
7 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
8 - AMOUNT (\$)	0	0	0	0.0%
9 - ADJUSTMENTS				
10 - UNITS (BBL)	0			
11 - AMOUNT (\$)	0			
12 - ENDING INVENTORY				
13 - UNITS (BBL)	0	0	0	0.0%
14 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
15 - AMOUNT (\$)	0	0	0	0.0%
16 -				
17 - DAYS SUPPLY	0	0	0	0.0%
LIGHT OIL				
18 - PURCHASES				
19 - UNITS (BBL)	3,721	2,185	1,536	70.3%
20 - UNIT COST (\$/BBL)	177.62	153.97	23.65	15.4%
21 - AMOUNT (\$)	660,920	336,416	324,504	96.5%
22 - BURNED				
23 - UNITS (BBL)	6,302	2,185	4,117	188.4%
24 - UNIT COST (\$/BBL)	92.67	153.97	(61.30)	(39.8%)
25 - AMOUNT (\$)	584,006	336,416	247,590	73.6%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	4,467			
28 - AMOUNT (\$)	574,431			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	932,407	947,635	(15,228)	(1.6%)
31 - UNIT COST (\$/BBL)	110.16	109.83	0.34	0.3%
32 - AMOUNT (\$)	102,716,679	104,075,698	(1,359,019)	(1.3%)
33 -				
34 - DAYS SUPPLY	4,587	13,011	(8,424)	(64.7%)

NOTE: Purchase dollars and units do not include plant to plant transfers. See schedule A-5, Attachment #1 for detail of adjustments

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 1/1/2017
Run Date: 2/3/2017 10:34:56AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	351,101	400,765	(49,664)	(12.4%)
37 - UNIT COST (\$/TON)	77.89	70.47	7.42	10.5%
38 - AMOUNT (\$)	27,346,866	28,240,918	(894,052)	(3.2%)
39 - BURNED				
40 - UNITS (TON)	322,062	400,765	(78,703)	(19.6%)
41 - UNIT COST (\$/TON)	77.20	70.47	6.73	9.6%
42 - AMOUNT (\$)	24,862,701	28,240,918	(3,378,217)	(12.0%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	841,605	882,732	(41,127)	(4.7%)
48 - UNIT COST (\$/TON)	83.53	70.47	13.06	18.5%
49 - AMOUNT (\$)	70,298,872	62,203,917	8,094,955	13.0%
50 -				
51 - DAYS SUPPLY	81	66	15	22.6%
OTHER				
52				
53				
54				
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NOTE: Purchase dollars and units do not include plant to plant transfers. See schedule A-5, Attachment #1 for detail of adjustments

A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 1/1/2017
Run Date: 2/3/2017 10:34:56AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	14,436,031	15,055,796	(619,765)	(4.1%)
68 - UNIT COST (\$/MCF)	5.08	4.51	0.57	12.7%
69 - AMOUNT (\$)	73,392,104	67,891,579	5,500,525	8.1%
NUCLEAR				
70 - BURNED				
71 - UNITS (MMBTU)	0	0	0	0.0%
72 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
73 - AMOUNT (\$)	0	0	0	0.0%

**ATTACHMENT #1
SCHEDULE A-5
January 2017**

HEAVY OIL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
0	\$0.00	TOTAL

LIGHT OIL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
4,467	\$574,431.20	TANK BOTTOM ADJUSTMENT
4,467	\$574,431.20	TOTAL

COAL		
UNITS	AMOUNT	ADJUSTMENTS EXPLANATION
0	\$ -	TOTAL

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 1/1/2017

Run Date: 2/3/2017 10:25:33AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
NET GENERATION (\$)				
1 - HEAVY OIL	0	0	0	0.0%
2 - LIGHT OIL	584,006	336,416	247,590	73.6%
3 - COAL	24,862,701	28,240,918	(3,378,217)	(12.0%)
4 - GAS	73,392,104	67,891,579	5,500,525	8.1%
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	98,838,811	96,468,913	2,369,898	2.5%
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	3,301	241	3,060	1,269.9%
11 - COAL	695,229	894,094	(198,865)	(22.2%)
12 - GAS	1,949,480	2,022,683	(73,203)	(3.6%)
13 - NUCLEAR	0	0	0	0.0%
14 - SOLAR	1,091.00	1,429	(338.00)	(23.7)%
15	0	0	0	0.0%
16 - TOTAL (MWH)	2,649,102	2,918,447	(269,345)	(9.2%)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	6,302	2,185	4,117	188.4%
19 - COAL (TON)	322,062	400,765	(78,703)	(19.6%)
20 - GAS (MCF)	14,436,031	15,055,796	(619,765)	(4.1%)
21 - NUCLEAR (MMBTU)	0	0	0	0.0%
22	0	0	0	0.0%
23	0	0	0	0.0%
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0%
25 - LIGHT OIL	36,294	12,740	23,554	184.9%
26 - COAL	7,107,485	9,110,066	(2,002,581)	(22.0%)
27 - GAS	14,769,486	15,055,796	(286,310)	(1.9%)
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	21,913,265	24,178,602	(2,265,337)	(9.4%)

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 1/1/2017
Run Date: 2/3/2017 10:25:33AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0%
33 - LIGHT OIL	0.1	0.01	0.1	1409.2%
34 - COAL	26.2	30.64	(4.4)	(14.3%)
35 - GAS	73.6	69.31	4.3	6.2%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 - SOLAR	0.04	0.05	(0.01)	(15.89)%
38	0.0	0.00	0.0	0.0%
<hr/>				
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0%
FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%
41 - LIGHT OIL (\$/BBL)	92.67	153.97	(61.30)	(39.8%)
42 - COAL (\$/TON)	77.20	70.47	6.73	9.6%
43 - GAS (\$/MCF)	5.08	4.51	0.57	12.7%
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0%
45	0.00	0.00	0.00	0.0%
46	0.00	0.00	0.00	0.0%
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0%
48 - LIGHT OIL	16.09	26.41	(10.32)	(39.1%)
49 - COAL	3.50	3.10	0.40	12.8%
50 - GAS	4.97	4.51	0.46	10.2%
51 - NUCLEAR	0.00	0.00	0.00	0.0%
52	0.00	0.00	0.00	0.0%
53	0.00	0.00	0.00	0.0%
<hr/>				
54 - SYSTEM (\$/MBTU)	4.51	3.99	0.52	13.0%
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	10,993	52,863	(41,870)	(79.2%)
57 - COAL	10,223	10,189	34	0.3%
58 - GAS	7,576	7,443	133	1.8%
59 - NUCLEAR	0	0	0	0.0%
60	0	0	0	0.0%
61	0	0	0	0.0%
<hr/>				
62 - SYSTEM (BTU/KWH)	8,272	8,285	(13)	(0.2%)

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 1/1/2017

Run Date: 2/3/2017 10:25:33AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<u>GENERATED FUEL COST PER KWH (CENTS/KWH)</u>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0%
64 - LIGHT OIL	17.69	139.59	(121.90)	(87.3%)
65 - COAL	3.58	3.16	0.42	13.2%
66 - GAS	3.76	3.36	0.41	12.2%
67 - NUCLEAR	0.00	0.00	0.00	0.0%
68	0.00	0.00	0.00	0.0%
69	0.00	0.00	0.00	0.0%
<u>70 - SYSTEM (CENTS/KWH)</u>	<u>3.73</u>	<u>3.31</u>	<u>0.43</u>	<u>12.9%</u>

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 1/1/2017
Run Date: 2/3/2017 10:25:38AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Nuclear													
Crystal River 3													
TOTAL UNIT 3			0.00			0				0	0	0.000	
TOTAL Nuclear:	0	0.00				0				0	0	0.000	
Solar													
Osceola Solar Facility 1													
TOTAL UNIT 1	4	495.00	18			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	596.00	16			0				0	0	0.000	
TOTAL Solar:	9	1,091.00				0				0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1		59,636.00					Gas	710,283	1.024	727,330	4,204,445	7.050	5.919
	524	59,636.00	15			12,196				727,330	4,204,445	7.050	
TOTAL UNIT 2		43,858.00					Gas	481,815	1.024	493,379	2,852,053	6.503	5.919
	524	43,858.00	11			11,249				493,379	2,852,053	6.503	
Bartow													
TOTAL UNIT 1			0.00			0				0	0	0.000	
TOTAL UNIT 2			0.00			0				0	0	0.000	
TOTAL UNIT 3			0.00			0				0	0	0.000	
Crystal River 1 & 2													
TOTAL UNIT 1			0.00			0				0	0	0.000	
		28,460.00					Coal	12,688	22.378	283,932	1,226,088	4.308	96.634
		0.00					No 2	1,019	5.734	5,843	92,146	0.000	90.428
TOTAL UNIT 2	503	28,460.00	8			10,182				289,775	1,318,234	4.632	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 1/1/2017
Run Date: 2/3/2017 10:25:38AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Steam													
Crystal River 4 & 5													
		311,345.00					Coal	144,457	22.056	3,186,144	11,036,720	3.545	76.401
		0.00					No 2	2,617	5.752	15,053	236,707	0.000	90.450
TOTAL UNIT 4	721	311,345.00	58			10,282				3,201,197	11,273,427	3.621	
		358,248.00					Coal	164,917	22.056	3,637,409	12,599,893	3.517	76.401
		0.00					No 2	1,390	5.752	7,995	125,725	0.000	90.450
TOTAL UNIT 5	721	358,248.00	67			10,176				3,645,405	12,725,618	3.552	
Suwannee Plant													
TOTAL UNIT 1			0.00			0				0	0	0.000	
TOTAL UNIT 2			0.00			0				0	0	0.000	
TOTAL UNIT 3			0.00			0				0	0	0.000	
TOTAL Steam:	2,993	801,547.00				10,426				8,357,085	32,373,778	4.039	

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 1/1/2017
Run Date: 2/3/2017 10:25:38AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Gas Turbine													
Avon Park Peaker													
		8.68					No 2	33	5.816	192	3,130	36.047	94.835
		7.32					Gas	158	1.024	162	937	12.803	5.930
TOTAL APP										354	4,066	25.415	
	50	16.00	0			22,108							
Bartow Combined Cycle													
		616,163.00					Gas	4,437,009	1.023	4,539,060	21,450,219	3.481	4.834
TOTAL BCC										4,539,060	21,450,219	3.481	
	1,120	616,163.00	74			7,367							
Bartow Peaker													
		117.00					Gas	2,083	1.024	2,133	12,310	10.521	5.910
TOTAL BAP										2,133	12,310	10.521	
	102	117.00	0			18,231							
Bayboro Peaker													
		0.00					No 2	84	5.712	480	12,161	0.000	144.772
TOTAL BYP										480	12,161	0.000	
	161	0.00	0			0							
Debary Peaker													
		68.06					No 2	166	5.781	960	19,308	28.367	116.312
		1,219.94					Gas	16,797	1.024	17,200	99,335	8.143	5.914
TOTAL DEP													
	193	1,288.00	1			14,099				18,160	118,643	9.211	
Higgins Peaker													
		0.00					Gas	40	1.024	41	240	0.000	6.003
TOTAL HGP										41	240	0.000	
	121	0.00	0			0							
Hines Energy													
		1,004,020.00					Gas	7,061,615	1.023	7,224,032	36,158,081	3.601	5.120
TOTAL HEP										7,224,032	36,158,081	3.601	
	2,199	1,004,020.00	61			7,195							
Intercession City Peaker													
		405.12					No 2	994	5.806	5,771	94,830	23.408	95.402
		1,646.39					Gas	22,926	1.023	23,453	111,338	6.763	4.856
TOTAL ICP													
	809	2,051.51	0			14,245				29,224	206,168	10.050	
Osprey													
		28,319.00					Gas	159,805	1.022	163,321	818,461	2.890	5.122
TOTAL OSP										163,321	818,461	2.890	
	531	28,319.00	7			5,767							
Suwannee Peaker													
		2,179.90					Gas	32,261	1.024	33,035	190,669	8.747	5.910
TOTAL SRP										33,035	190,669	8.747	
	134	2,179.90	2			15,154							
Tiger Bay Cogen													
		155,995.00					Gas	1,168,389	1.023	1,195,262	5,648,409	3.621	4.834
TOTAL TBP										1,195,262	5,648,409	3.621	
	231	155,995.00	91			7,662							

A-4 System Net Generation and Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 1/1/2017
Run Date: 2/3/2017 10:25:38AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Gas Turbine													
Univ of Florida Cogen		0.00					No 2	0	0.000	0	0	0.000	0.000
		36,314.40					Gas	342,850	1.024	351,078	1,845,605	5.082	5.383
TOTAL UFP										351,078	1,845,605	5.082	
	48	36,314.40	102			9,668							
TOTAL Gas Turbine:										13,556,180	66,465,033	3.600	
	5,699	1,846,463.81				7,342							
SYSTEM TOTAL:	8,701	2,649,101.81				8,272				21,913,265	98,838,811	3.731	

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 1/1/2017
Run Date: 2/3/2017 10:34:56AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
HEAVY OIL				
1 - PURCHASES				
2 - UNITS (BBL)	0	0	0	0.0%
3 - UNIT COST (\$/BBL)	0.00	0.00	0.00	-
4 - AMOUNT (\$)	0	0	0	0.0%
5 - BURNED				
6 - UNITS (BBL)	0	0	0	0.0%
7 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
8 - AMOUNT (\$)	0	0	0	0.0%
9 - ADJUSTMENTS				
10 - UNITS (BBL)	0			
11 - AMOUNT (\$)	0			
12 - ENDING INVENTORY				
13 - UNITS (BBL)	0	0	0	0.0%
14 - UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%
15 - AMOUNT (\$)	0	0	0	0.0%
16 -				
17 - DAYS SUPPLY	0	0	0	0.0%
LIGHT OIL				
18 - PURCHASES				
19 - UNITS (BBL)	3,721	2,185	1,536	70.3%
20 - UNIT COST (\$/BBL)	177.62	153.97	23.65	15.4%
21 - AMOUNT (\$)	660,920	336,416	324,504	96.5%
22 - BURNED				
23 - UNITS (BBL)	6,302	2,185	4,117	188.4%
24 - UNIT COST (\$/BBL)	92.67	153.97	(61.30)	(39.8%)
25 - AMOUNT (\$)	584,006	336,416	247,590	73.6%
26 - ADJUSTMENTS				
27 - UNITS (BBL)	4,467			
28 - AMOUNT (\$)	574,431			
29 - ENDING INVENTORY				
30 - UNITS (BBL)	932,407	947,635	(15,228)	(1.6%)
31 - UNIT COST (\$/BBL)	110.16	109.83	0.34	0.3%
32 - AMOUNT (\$)	102,716,679	104,075,698	(1,359,019)	(1.3%)
33 -				
34 - DAYS SUPPLY	4,587	13,011	(8,424)	(64.7%)

A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 1/1/2017
Run Date: 2/3/2017 10:34:56AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
COAL				
35 - PURCHASES				
36 - UNITS (TON)	351,101	400,765	(49,664)	(12.4%)
37 - UNIT COST (\$/TON)	77.89	70.47	7.42	10.5%
38 - AMOUNT (\$)	27,346,866	28,240,918	(894,052)	(3.2%)
39 - BURNED				
40 - UNITS (TON)	322,062	400,765	(78,703)	(19.6%)
41 - UNIT COST (\$/TON)	77.20	70.47	6.73	9.6%
42 - AMOUNT (\$)	24,862,701	28,240,918	(3,378,217)	(12.0%)
43 - ADJUSTMENTS				
44 - UNITS (TON)	0			
45 - AMOUNT (\$)	0			
46 - ENDING INVENTORY				
47 - UNITS (TON)	841,605	882,732	(41,127)	(4.7%)
48 - UNIT COST (\$/TON)	83.53	70.47	13.06	18.5%
49 - AMOUNT (\$)	70,298,872	62,203,917	8,094,955	13.0%
50 -				
51 - DAYS SUPPLY	81	66	15	22.6%
OTHER				
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A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 1/1/2017

Run Date: 2/3/2017 10:34:56AM

	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GAS				
66 - BURNED				
67 - UNITS (MCF)	14,436,031	15,055,796	(619,765)	(4.1%)
68 - UNIT COST (\$/MCF)	5.08	4.51	0.57	12.7%
69 - AMOUNT (\$)	73,392,104	67,891,579	5,500,525	8.1%
NUCLEAR				
70 - BURNED				
71 - UNITS (MMBTU)	0	0	0	0.0%
72 - UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%
73 - AMOUNT (\$)	0	0	0	0.0%

Progress Energy Florida, Inc.
Schedule A6
Power Sold for the Month of
January 2017

(1)	(2)	(3)	(4)	(5)	(6a)	(6b)	(7)	(8)	(9)
Sold To	Type & Schedule	Total KWH Sold (000)	KWH Wheeled from Other Systems (000)	KWH from Own Generation (000)	Fuel Cost C/KWH	Total Cost C/KWH	Fuel Adj Total \$	Total Cost \$	Gain on Sales \$
ESTIMATED		9,639		9,639	3.050	3.792	293,948.00	365,499.00	71,551.00
ACTUAL									
Morgan Stanley Capital Group Inc.	EEl	39	0	39	2.226	2.932	868.00	1,143.40	275.40
PJM Settlements, Inc	MR1	2,325	0	2,325	2.749	2.557	63,924.67	59,441.88	(4,482.79)
Reedy Creek Improvement District	CR-1	3,615	0	3,615	2.285	2.637	82,608.25	95,311.60	12,703.35
Southern Company Services, Inc.	EEl	738	0	738	4.541	6.364	33,510.40	46,966.45	13,456.05
Tampa Electric Company	CR-1	50	0	50	2.359	2.753	1,179.63	1,376.62	196.99
PJM Settlements, Inc								11.57	11.57
Subtotal - Gain on Other Power Sales		6,767	0	6,767	2.691	3.018	182,090.95	204,251.52	22,160.57
CURRENT MONTH TOTAL		6,767		6,767	2.691	3.018	182,090.95	204,251.52	22,160.57
DIFFERENCE		(2,872)		(2,872)	(0.359)	(0.774)	(111,857.05)	(161,247.48)	(49,390.43)
DIFFERENCE %		(30)		(30)	(11.775)	(20.402)	(38.05)	(44.12)	(69.03)
CUMULATIVE ACTUAL		6,767		6,767	2.691	3.018	182,090.95	204,251.52	22,160.57
CUMULATIVE ESTIMATED		9,639		9,639	3.050	3.792	293,948.00	365,499.00	71,551.00
DIFFERENCE		(2,872.000)		(2,872.00)	(0.359)	(0.774)	(111,857.05)	(161,247.48)	(49,390.43)
DIFFERENCE %		-29.796		-29.796	-11.762	-20.400	-38.053	-44.117	-69.028

DUKE ENERGY FLORIDA, LLC
SCHEDULE A7

PURCHASED POWER
EXCLUSIVE OF ECONOMY PURCHASES
FOR THE MONTH OF:
January, 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
PURCHASED FROM	TYPE & SCHEDULE	TOTAL KWH PURCHASED (000)	KWH FOR UTILITIES (000)	KWH FOR INTERRUPTIBLE (000)	KWH FOR FIRM (000)	FUEL COST C/KWH	TOTAL COST C/KWH	TOTAL AMOUNT FOR FUEL ADJ \$	FUEL COST \$
ESTIMATED		36,650			36,650	5.354	5.354	1,962,180.00	1,962,180.00
ACTUAL									
Vandolah Power Co. LLC (Northern Star)	TOLL	2,433			2,433	9.118	9.118	223,130.79	223,130.79
Shady Hills Power Company, LLC	TOLL	-			-	-	-	75.02	75.02
Southern Power Company	Franklin	56,398			56,398	3.737	3.737	2,107,954.62	2,107,954.62
Southern Company Services, Inc	Scherer3	-			-	-	-	-	-
Osprey Energy Center	TOLL	33,967			33,967	0.782	0.782	265,809.50	265,809.50
Calpine Energy Services, L.P.	TOLL	-			-	-	-	-	-
ADJUSTMENTS									
Vandolah Power Co. LLC (Northern Star)	TOLL	14			14	(89.780)	(89.780)	(12,569.14)	(12,569.14)
Shady Hills Power Company, LLC	TOLL	5			5	2.889	2.889	144.43	144.43
Southern Power Company	Franklin	-			-	-	-	21,643.59	21,643.59
Southern Company Services, Inc	Scherer3	-			-	-	-	-	-
Osprey Energy Center	TOLL	25			25	21.860	21.860	5,464.97	5,464.97
Calpine Energy Services, L.P.	TOLL	-			-	-	-	30,562.48	30,562.48
CURRENT MONTH TOTAL		92,842			92,842	2.846	2.846	2,642,216.26	2,642,216.26
DIFFERENCE		56,192			56,192.00	(2.508)	(2.508)	680,036.26	680,036.26
DIFFERENCE %		153.32			153.32	(46.845)	(46.845)	34.66	34.66
CUMULATIVE ACTUAL		92,842			92,842	2.846	2.846	2,642,216.26	2,642,216.26
CUMULATIVE ESTIMATED		36,650			36,650	5.354	5.354	1,962,180.00	1,962,180.00
DIFFERENCE		56,192.00			56,192.00	(2.51)	(2.51)	680,036.26	680,036.26
DIFFERENCE %		153			153	(46.843)	(46.843)	34.66	34.66

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL PURCHASED KWH (000)	(4) KWH FOR OTHER UTILITIES (000)	(5) KWH FOR INTERRUPTIBLE (000)	(6) KWH FOR FIRM (000)	(7) ENERGY COST C/KWH	(8) TOTAL COST C/KWH	(9) TOTAL AMOUNT FOR FUEL ADJ \$
ESTIMATED		296,006	-	-	296,006	4.11	12.213	12,177,556.00
ACTUAL								
Florida Power Development (FLACRUSH) ADJ	CO-GEN	36,757	-	-	36,757	7.53	7.53	2,766,331.82 125.30
Citrus World (CITRUS) ADJ	CO-GEN	17	-	-	17	2.93	2.93	492.15 169.48
Lake County (LAKCOUNT) ADJ	CO-GEN	528	-	-	528	2.85	2.85	15,058.56 4,349.66
Metro-Dade County (METRDDAS) ADJ	CO-GEN	15,421	-	-	15,421	2.84	2.84	438,264.82 95,854.84
Orange Cogen (ORANGEAS) ADJ	CO-GEN	1,686	-	-	1,686	2.68	2.68	45,252.24 5,649.98
Orange Cogen (ORANGECO) ADJ	CO-GEN	37,801	-	-	37,801	4.02	4.02	1,518,466.17 (5,156.53)
Wheelabrator Ridge Energy, Inc. (RIDGEGEN) ADJ	CO-GEN	16,507	-	-	16,507	5.30	5.30	875,531.28 52,682.93
Orlando Cogen Limited (ORLCOGAS) ADJ	CO-GEN	-	-	-	-	-	0.00	- -
Pasco County Resource Recovery (PASCOUNT) ADJ	CO-GEN	17,903	-	-	17,903	2.75	2.75	492,869.59 91,792.59
PCS Phosphate (OCSWFCRK) ADJ	CO-GEN	-	-	-	-	-	0.00	- (89.23)
Pinellas County Resource Recovery ADJ	CO-GEN	39,610	-	-	39,610	2.76	2.76	1,092,047.70 147,882.19
Polk Power Partners, L.P. (MULBERRY) ADJ	CO-GEN	33,015	-	-	33,015	2.98	2.98	982,526.40 170,809.38
Orlando Cogen Limited (ORLACOGL) ADJ	CO-GEN	86,029	-	-	86,029	5.16	5.16	4,436,515.53 (9,543.77)
Lee County (LEECRR) ADJ	CO-GEN	15,748	-	-	15,748	2.60	2.60	409,133.04 -
CURRENT MONTH TOTAL		301,021			301,021	4.527	4.391	13,627,016.12
DIFFERENCE		(5,015)			(5,015)	0.413	0.277	1,449,460.12
DIFFERENCE %		(2)			(2)	10.037	6.734	11.90
CUMULATIVE ACTUAL		301,021			301,021	4.633	4.633	13,627,016.12
CUMULATIVE ESTIMATED		296,006			296,006	4.114	4.114	12,177,556.00
CUMULATIVE DIFFERENCE		(5,015)			(5,015)	0.519	0.519	1,449,460.12
CUMULATIVE DIFFERENCE %		(2)			(2)	12.627	12.627	11.90

ECONOMY ENERGY PURCHASES
INCLUDING LONG TERM PURCHASES
FOR THE MONTH OF:
JANUARY, 2017

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PURCHASED FROM	TYPE & & SCHEDULE	TOTAL KWH PURCHASED (000)	ENERGY COST C/KWH	TOTAL AMOUNT FOR FUEL ADJ \$	COST IF GENERATED C/KWH	COST IF GENERATED \$	FUEL SAVINGS \$
ESTIMATED		7,241	4.274	309,512.00	4.534	328,310.00	18,798.00
ACTUAL:							
Florida Power & Light Company	Schedule C	75	2.675	2,006.50	3.487	2,615.50	609.00
SubTotal - Energy Purchases (Broker)		75	2.675	2,006.50	3.487	2,615.50	609.00
SEPA	Hydro	-	0.000	-	0	-	-
Exelon Generation Company, LLC	InternationalSwapsDe	395	2.223	8,780.00	2.45	9,676.60	896.60
Florida Power & Light Company	Transmission Purchase			1,078.17			(1,078.17)
Florida Power & Light Company		2,925	3.132	91,625.00	4.186	122,454.75	30,829.75
PJM Inter.-Transmission	Transmission Purchase			329.60			(329.60)
PJM Settlements, Inc	MR1	350	2.257	7,901.00	4.63	16,205.42	8,304.42
Southern Company Services, Inc.	EEI	1,072	2.968	31,816.00	2.879	30,863.04	(952.96)
Southern Company Services, Inc. Transmissio	Transmission Purchase			21,368.28			(21,368.28)
Tampa Electric Company	EEI2	20	3.800	(6,328.42)	3.719	743.80	7,072.22
Tampa Electric Company	Transmission Purchase			6,539.59			(6,539.59)
The Energy Authority	EEI	1,116	3.075	34,316.00	4.014	44,797.11	10,481.11
ADJUSTMENTS							
Pennsylvania-New Jersey-Maryland Int.		24	0	1,337.71	0	-	(797.51)
Tampa Electric Company				(830.05)			289.85
Southern Company Services Transmission				(726.80)			726.80
SubTotal - Energy Purchases (Non-Broker)		5,902	3.341	197,206.08	3.808	224,740.72	27,534.64
CURRENT MONTH TOTAL		5,977	3.333	199,212.58	3.804	227,356.22	28,143.64
DIFFERENCE		(1,264)	-0.941	(110,299.42)	-0.730	(100,953.78)	9,345.64
DIFFERENCE %		(17)	-22.017	(35.64)	-16.104	(30.75)	49.72
CUMULATIVE ACTUAL		5,977	3.333	199,212.58	3.804	227,356.22	28,143.64
CUMULATIVE ESTIMATED		7,241	4.274	309,512.00	4.534	328,310.00	18,798.00
DIFFERENCE		(1,264)	(0.941)	(110,299.42)	-0.730	(100,953.78)	9,345.64
DIFFERENCE %		(17)	(22.025)	(35.64)	(16.105)	(30.75)	49.72

PROGRESS ENERGY FLORIDA, INC.
SCHEDULE A12 - CAPACITY COSTS
FOR THE PERIOD JAN - DEC 2017

Counterparty	Type	MW	Start Date - End Date	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD
1 Orange Cogen (ORANGECO)	QF	74.00	7/1/95 - 12/31/24	5,071,564	0	0	0	0	0	0	0	0	0	0	0	5,071,564
2 Orlando Cogen Limited (ORLACOGL)	QF	79.20	9/1/93 - 12/31/23	5,102,804	0	0	0	0	0	0	0	0	0	0	0	5,102,804
3 Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	1,784,800	0	0	0	0	0	0	0	0	0	0	0	1,784,800
4 Pinellas County Resource Recovery (PINCOUNT)	QF	54.75	1/1/95 - 12/31/24	4,248,600	0	0	0	0	0	0	0	0	0	0	0	4,248,600
5 Polk Power Partners, L.P. (MULBERRY)	QF	115.00	8/1/94 - 8/8/24	6,733,888	0	0	0	0	0	0	0	0	0	0	0	6,733,888
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 12/31/23	1,097,143	0	0	0	0	0	0	0	0	0	0	0	1,097,143
7 Southern purchase - Franklin	Other	425	6/1/16 - 5/31/21	4,485,507	0	0	0	0	0	0	0	0	0	0	0	4,485,507
8 Retail Wheeling				(23,615)	0	0	0	0	0	0	0	0	0	0	0	(23,615)
9 CR-3 Projected Expense				4,459,192	0	0	0	0	0	0	0	0	0	0	0	4,459,192
SUBTOTAL				32,959,883	0	0	0	0	0	0	0	0	0	0	0	32,959,883
Confidential Capacity Contracts (Aggregated):																
Purchases/Sales (Net)		Other	MW	Contracts												
Total			1,176	4	6,763,320	0	0	0	0	0	0	0	0	0	0	6,763,320
TOTAL				39,723,203	0	0	0	0	0	0	0	0	0	0	0	39,723,203

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DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER

DECEMBER 2016
REVISED

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	92,738,520	87,603,182	5,135,338	5.9	2,593,252	2,687,704	(94,452)	(3.5)	3.5761	3.2594	0.3167	9.7
2 SPENT NUCLEAR FUEL DISPOSAL COST	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 COAL CAR SALE	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3a NUCLEAR DECOMMISSIONING AND DECONTAMINATION	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	(8,346,867)	(10,408)	(8,336,459)	80,098.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4a ADJUSTMENTS TO FUEL COST - DISPOSAL COST REFUND	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
5 TOTAL COST OF GENERATED POWER	84,391,653	87,592,774	(3,201,121)	(3.7)	2,593,252	2,687,704	(94,452)	(3.5)	3.2543	3.2590	(0.0047)	(0.1)
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	5,168,690	5,642,790	(474,100)	(8.4)	119,928	155,410	(35,482)	(22.8)	4.3098	3.6309	0.6789	18.7
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	-	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	236,459	311,303	(74,844)	(24.0)	6,476	7,167	(691)	(9.6)	3.6513	4.3439	(0.6926)	(15.9)
9 ENERGY COST OF SCH E PURCHASES (SCH A9)	-	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
10 CAPACITY COST OF ECONOMY PURCHASES (SCH A9)	-	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
11 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	11,063,256	12,289,466	(1,226,210)	(10.0)	271,948	297,353	(25,405)	(8.5)	4.0682	4.1330	(0.0648)	(1.6)
12 TOTAL COST OF PURCHASED POWER	16,468,406	18,243,559	(1,775,154)	(9.7)	398,352	459,929	(61,578)	(13.4)	4.1341	3.9666	0.1675	4.2
13 TOTAL AVAILABLE MWH					2,991,603	3,147,633	(156,030)	(5.0)				
14 FUEL COST OF ECONOMY SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
14a GAIN ON ECONOMY SALES - 100% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
15 FUEL COST OF OTHER POWER SALES (SCH A6)	(227,428)	(218,578)	(8,850)	4.1	(10,100)	(8,590)	(1,510)	17.6	2.2518	2.5446	(0.2928)	(11.5)
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(32,437)	(50,299)	17,862	(35.5)	(10,100)	(8,590)	(1,510)	17.6	0.3212	0.5856	(0.2644)	(45.2)
15b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
16 FUEL COST OF SEMINOLE BACK-UP SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
17 FUEL COST OF STRATIFIED SALES	(1,654,971)	(1,436,981)	(217,990)	15.2	(64,700)	(60,171)	(4,529)	7.5	2.5579	2.3882	0.1697	7.1
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(1,914,837)	(1,705,858)	(208,979)	12.3	(74,800)	(68,761)	(6,039)	8.8	2.5599	2.4809	0.0790	3.2
19 NET INADVERTENT AND WHEELED INTERCHANGE					12,790	0	12,790					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	98,945,222	104,130,475	(5,185,254)	(5.0)	2,929,593	3,078,872	(149,279)	(4.9)	3.3774	3.3821	(0.0047)	(0.1)
21 NET UNBILLED	651,139	4,263,480	(3,612,341)	(84.7)	(19,279)	(126,060)	106,781	(84.7)	0.0241	0.1530	(0.1289)	(84.3)
22 COMPANY USE	364,545	405,852	(41,307)	(10.2)	(10,794)	(12,000)	1,206	(10.1)	0.0135	0.0146	(0.0011)	(7.5)
23 T & D LOSSES	6,507,714	5,228,216	1,279,498	24.5	(192,682)	(154,585)	(38,097)	24.6	0.2404	0.1876	0.0528	28.1
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	98,945,222	104,130,475	(5,185,254)	(5.0)	2,706,839	2,786,227	(79,388)	(2.9)	3.6554	3.7373	(0.0819)	(2.2)
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(702,511)	(635,196)	(67,315)	10.6	(19,178)	(17,078)	(2,100)	12.3	3.6631	3.7194	(0.0563)	(1.5)
26 JURISDICTIONAL KWH SALES	98,242,710	103,495,279	(5,252,569)	(5.1)	2,687,661	2,769,149	(81,488)	(2.9)	3.6553	3.7374	(0.0821)	(2.2)
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.0004	98,282,008	103,549,097	(5,267,089)	(5.1)	2,687,661	2,769,149	(81,488)	(2.9)	3.6568	3.7394	(0.0826)	(2.2)
28 PRIOR PERIOD TRUE-UP	(10,790,297)	(10,764,480)	(25,817)	0.2	2,687,661	2,769,149	(81,488)	(2.9)	(0.4015)	(0.3887)	(0.0128)	3.3
28a MARKET PRICE TRUE-UP	0	0	0	0.0	2,687,661	2,769,149	(81,488)	(2.9)	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	2,687,661	2,769,149	(81,488)	(2.9)	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	87,491,711	92,784,617	(5,292,906)	(5.7)	2,687,661	2,769,149	(81,488)	(2.9)	3.2553	3.3507	(0.0954)	(2.9)
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									3.2576	3.3531	(0.0955)	(2.9)
32 GPIF	(717,816)	(717,821)			2,687,661	2,769,149			(0.0267)	(0.0259)	(0.0008)	3.1
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.231	3.327	(0.096)	(2.9)

*Line 15a. MWH Data for Infomational Purposes Only

DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - DECEMBER 2016

REVISED

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	1,192,400,492	1,152,054,571	40,345,921	3.5	33,756,279	34,276,249	(519,970)	(1.5)	3.5324	3.3611	0.1713	5.1
2 SPENT NUCLEAR FUEL DISPOSAL COST	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 COAL CAR SALE	(347,958)	0	(347,958)	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3a NUCLEAR DECOMMISSIONING AND DECONTAMINATION	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	(8,450,370)	(10,185,596)	1,735,227	(17.0)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4a ADJUSTMENTS TO FUEL COST - DISPOSAL COST REFUND	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
5 TOTAL COST OF GENERATED POWER	1,183,602,165	1,141,868,975	41,733,190	3.7	33,756,279	34,276,249	(519,970)	(1.5)	3.5063	3.3314	0.1749	5.3
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	221,111,191	141,610,425	79,500,766	56.1	5,837,422	3,828,691	2,008,731	52.5	3.7878	3.6987	0.0891	2.4
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	16,258	0	16,258	0.0	676	0	676	0.0	2.4051	0.0000	2.4051	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	4,724,231	4,089,987	634,244	15.5	101,066	84,024	17,042	20.3	4.6744	4.8677	(0.1933)	(4.0)
9 ENERGY COST OF SCH E PURCHASES (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
10 CAPACITY COST OF ECONOMY PURCHASES (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
11 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	127,934,626	142,909,292	(14,974,666)	(10.5)	3,058,541	3,381,986	(323,445)	(9.6)	4.1829	4.2256	(0.0427)	(1.0)
12 TOTAL COST OF PURCHASED POWER	353,786,307	288,609,704	65,176,602	22.6	8,997,704	7,294,700	1,703,004	23.4	3.9320	3.9564	(0.0244)	(0.6)
13 TOTAL AVAILABLE MWH					42,753,984	41,570,949	1,183,034	2.9				
14 FUEL COST OF ECONOMY SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
14a GAIN ON ECONOMY SALES - 100% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
15 FUEL COST OF OTHER POWER SALES (SCH A6)	(2,601,347)	(4,337,325)	1,735,978	(40.0)	(83,577)	(159,415)	75,838	(47.6)	3.1125	2.7208	0.3917	14.4
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(843,842)	(991,243)	147,401	(14.9)	(83,577)	(159,415)	75,838	(47.6)	1.0097	0.6218	0.3879	62.4
15b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
16 FUEL COST OF SEMINOLE BACK-UP SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
17 FUEL COST OF STRATIFIED SALES	(33,089,865)	(21,161,845)	(11,928,020)	56.4	(1,353,951)	(873,772)	(480,179)	55.0	2.4439	2.4219	0.0220	0.9
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(36,535,054)	(26,490,413)	(10,044,641)	37.9	(1,437,528)	(1,033,187)	(404,341)	39.1	2.5415	2.5640	(0.0225)	(0.9)
19 NET INADVERTENT AND WHEELED INTERCHANGE					209,798	0	209,798					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	1,500,853,418	1,403,988,266	96,865,152	6.9	41,526,254	40,537,762	988,492	2.4	3.6142	3.4634	0.1508	4.4
21 NET UNBILLED	(9,285,310)	7,067,788	(16,353,098)	(231.4)	256,910	(187,193)	444,103	(237.2)	(0.0237)	0.0185	(0.0422)	(228.1)
22 COMPANY USE	5,607,798	4,997,224	610,574	12.2	(155,159)	(144,000)	(11,159)	7.8	0.0143	0.0131	0.0012	9.2
23 T & D LOSSES	86,904,611	71,225,391	15,679,220	22.0	(2,404,514)	(2,055,016)	(349,498)	17.0	0.2216	0.1867	0.0349	18.7
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	1,500,853,418	1,403,988,266	96,865,152	6.9	39,223,491	38,151,553	1,071,938	2.8	3.8264	3.6800	0.1464	4.0
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(17,141,208)	(8,279,077)	(8,862,130)	107.0	(449,531)	(223,356)	(226,175)	101.3	3.8131	3.7067	0.1064	2.9
26 JURISDICTIONAL KWH SALES	1,483,712,210	1,395,709,188	88,003,022	6.3	38,773,960	37,928,197	845,762	2.2	3.8266	3.6799	0.1467	4.0
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.0004	1,484,329,867	1,396,434,957	87,894,910	6.3	38,773,960	37,928,197	845,762	2.2	3.8282	3.6818	0.1464	4.0
28 PRIOR PERIOD TRUE-UP	(116,588,898)	(116,563,077)	(25,821)	0.0	38,773,960	37,928,197	845,762	2.2	(0.3007)	(0.3073)	0.0066	(2.2)
28a MARKET PRICE TRUE-UP	0	0	0	0.0	38,773,960	37,928,197	845,762	2.2	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	38,773,960	37,928,197	845,762	2.2	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	1,367,740,969	1,279,871,880	87,869,089	6.9	38,773,960	37,928,197	845,762	2.2	3.5275	3.3745	0.1530	4.5
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									3.5300	3.3769	0.1531	4.5
32 GPIF	(8,613,797)	(8,613,797)			38,773,960	37,928,197			(0.0222)	(0.0227)	0.0005	102.3
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.508	3.354	0.154	4.6

*Line 15a. MWH Data for Infomational Purposes Only

A-3 Generating System Comparative Data Report

REVISED

Duke Energy Florida, LLC

Report Period: 12/1/2016 to 12/1/2016

Run Date: 2/13/2017 9:41:45AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
NET GENERATION (\$)				
1 - HEAVY OIL	0	0	0	0.0%
2 - LIGHT OIL	302,105	300,312	1,793	0.6%
3 - COAL	27,624,478	25,392,896	2,231,582	8.8%
4 - GAS	64,811,936	61,909,974	2,901,962	4.7%
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	92,738,520	87,603,182	5,135,338	5.9%
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	1,523	62	1,461	2,356.0%
11 - COAL	776,370	779,838	(3,468)	(0.4%)
12 - GAS	1,814,360	1,906,485	(92,125)	(4.8%)
13 - NUCLEAR	0	0	0	0.0%
14 - SOLAR	999.00	1,319	(320.00)	(24.3)%
15	0	0	0	0.0%
16 - TOTAL (MWH)	2,593,252	2,687,704	(94,452)	(3.5%)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	3,009	1,755	1,254	71.5%
19 - COAL (TON)	357,315	354,587	2,728	0.8%
20 - GAS (MCF)	13,421,731	13,960,712	(538,981)	(3.9%)
21 - NUCLEAR (MMBTU)	0	0	0	0.0%
22	0	0	0	0.0%
23	0	0	0	0.0%
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0%
25 - LIGHT OIL	17,317	10,223	7,094	69.4%
26 - COAL	7,915,242	8,039,310	(124,068)	(1.5%)
27 - GAS	13,769,062	13,960,712	(191,650)	(1.4%)
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	21,701,621	22,010,245	(308,624)	(1.4%)

A-3 Generating System Comparative Data Report

REVISED

Duke Energy Florida, LLC

Report Period: 12/1/2016 to 12/1/2016

Run Date: 2/13/2017 9:41:45AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0%
33 - LIGHT OIL	0.1	0.00	0.1	2445.4%
34 - COAL	29.9	29.02	0.9	3.2%
35 - GAS	70.0	70.93	(1.0)	(1.4%)
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 - SOLAR	0.04	0.05	(0.01)	(21.50)%
38	0.0	0.00	0.0	0.0%
<hr/>				
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0%
FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%
41 - LIGHT OIL (\$/BBL)	100.40	171.12	(70.72)	(41.3%)
42 - COAL (\$/TON)	77.31	71.61	5.70	8.0%
43 - GAS (\$/MCF)	4.83	4.43	0.39	8.9%
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0%
45	0.00	0.00	0.00	0.0%
46	0.00	0.00	0.00	0.0%
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0%
48 - LIGHT OIL	17.45	29.38	(11.93)	(40.6%)
49 - COAL	3.49	3.16	0.33	10.5%
50 - GAS	4.71	4.43	0.27	6.1%
51 - NUCLEAR	0.00	0.00	0.00	0.0%
52	0.00	0.00	0.00	0.0%
53	0.00	0.00	0.00	0.0%
<hr/>				
54 - SYSTEM (\$/MBTU)	4.27	3.98	0.29	7.4%
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	11,373	164,887	(153,514)	(93.1%)
57 - COAL	10,195	10,309	(114)	(1.1%)
58 - GAS	7,589	7,323	266	3.6%
59 - NUCLEAR	0	0	0	0.0%
60	0	0	0	0.0%
61	0	0	0	0.0%
<hr/>				
62 - SYSTEM (BTU/KWH)	8,368	8,189	179	2.2%

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

REVISED

Report Period: 12/1/2016 to 12/1/2016

Run Date: 2/13/2017 9:41:45AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<u>GENERATED FUEL COST PER KWH (CENTS/KWH)</u>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0%
64 - LIGHT OIL	19.84	484.37	(464.53)	(95.9%)
65 - COAL	3.56	3.26	0.30	9.3%
66 - GAS	3.57	3.25	0.32	10.0%
67 - NUCLEAR	0.00	0.00	0.00	0.0%
68	0.00	0.00	0.00	0.0%
69	0.00	0.00	0.00	0.0%
<u>70 - SYSTEM (CENTS/KWH)</u>	<u>3.58</u>	<u>3.26</u>	<u>0.32</u>	<u>9.7%</u>

A-4 System Net Generation and Fuel Cost Report

REVISED

Duke Energy Florida, LLC

Report Period: 12/1/2016 to 12/1/2016
Run Date: 2/13/2017 9:42:59AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Nuclear													
Crystal River 3													
TOTAL UNIT 3			0.00			0				0	0	0.000	
TOTAL	0	0.00				0				0	0	0.000	
Solar													
Osceola Solar Facility 1													
TOTAL UNIT 1	4	469.00	17			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	530.00	14			0				0	0	0.000	
TOTAL Solar:	9	999.00				0				0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1		92,957.00					Gas	1,051,581	1.025	1,077,871	5,900,447	6.348	5.611
	524	92,957.00	24			11,595				1,077,871	5,900,447	6.348	
TOTAL UNIT 2		20,151.00					Gas	228,578	1.025	234,292	1,282,557	6.365	5.611
	524	20,151.00	5			11,627				234,292	1,282,557	6.365	
Bartow													
TOTAL UNIT 1			0.00			0				0	0	0.000	
TOTAL UNIT 2			0.00			0				0	0	0.000	
TOTAL UNIT 3			0.00			0				0	0	0.000	
Crystal River 1 & 2													
TOTAL UNIT 1			0.00			0				0	0	0.000	
TOTAL UNIT 2			0.00			0				0	0	0.000	

A-4 System Net Generation and Fuel Cost Report

REVISED

Duke Energy Florida, LLC

Report Period: 12/1/2016 to 12/1/2016

Run Date: 2/13/2017 9:42:59AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Steam													
Crystal River 4 & 5													
		396,167.00					Coal	182,679	22.152	4,046,705	14,123,146	3.565	77.311
		0.00					No 2	1,007	5.742	5,782	95,776	0.000	95.110
TOTAL UNIT 4	721	396,167.00	74			10,229				4,052,488	14,218,922	3.589	
		381,356.00					Coal	174,636	22.152	3,868,537	13,501,332	3.540	77.311
		0.00					No 2	1,039	5.742	5,966	98,819	0.000	95.110
TOTAL UNIT 5	721	381,356.00	71			10,160				3,874,503	13,600,151	3.566	
Suwannee Plant													
TOTAL UNIT 1			0.00			0				0	0	0.000	
TOTAL UNIT 2			0.00			0				0	0	0.000	
		0.00					Gas	1	0.000	0	1,345	0.000	1,344.850
TOTAL UNIT 3			1.00			0				0	1,345	134.485	
TOTAL Steam:	2,490	890,632.00				10,374				9,239,153	35,003,422	3.930	

A-4 System Net Generation and Fuel Cost Report

REVISED

Duke Energy Florida, LLC

Report Period: 12/1/2016 to 12/1/2016

Run Date: 2/13/2017 9:42:59AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Gas Turbine													
Avon Park Peaker													
		4.38					No 2	16	5.816	93	1,517	34.628	94.835
		10.62					Gas	220	1.025	226	1,236	11.642	5.619
TOTAL APP						21,237				319	2,754	18.357	
	60	15.00	0										
Bartow Combined Cycle													
		565,169.00					Gas	4,052,658	1.026	4,158,027	18,492,919	3.272	4.563
TOTAL BCC						7,357				4,158,027	18,492,919	3.272	
	1,185	565,169.00	64										
Bartow Peaker													
		1.00					No 2	6	5.712	34	643	64.291	107.152
TOTAL BAP						34,272				34	643	64.291	
	53	1.00	0										
Bayboro Peaker													
		66.60					No 2	159	5.712	908	23,061	34.626	145.037
TOTAL BYP						13,637				908	23,061	34.626	
	54	66.60	0										
Debary Peaker													
		145.91					No 2	369	5.788	2,136	42,842	29.362	116.104
		553.09					Gas	7,898	1.025	8,095	44,488	8.043	5.633
TOTAL DEP						14,637				10,231	87,330	12.494	
	480	699.00	0										
Higgins Peaker													
		19.60					Gas	385	1.025	395	2,159	11.013	5.607
TOTAL HGP						20,134				395	2,159	11.013	
	36	19.60	0										
Hines Energy													
		949,273.00					Gas	6,586,260	1.026	6,757,503	32,061,599	3.377	4.868
TOTAL HEP						7,119				6,757,503	32,061,599	3.377	
	2,199	949,273.00	58										
Intercession City Peaker													
		169.06					No 2	413	5.805	2,398	39,447	23.333	95.512
		416.81					Gas	5,767	1.025	5,911	9,636	2.312	1.671
TOTAL ICP						14,182				8,309	49,082	8.378	
	559	585.87	0										
Suwannee Peaker													
		95.90					Gas	2,176	1.025	2,230	12,259	12.784	5.634
TOTAL SRP						23,258				2,230	12,259	12.784	
	134	95.90	0										
Tiger Bay Cogen													
		149,579.00					Gas	1,149,677	1.026	1,179,569	5,276,115	3.527	4.589
TOTAL TBP						7,886				1,179,569	5,276,115	3.527	
	231	149,579.00	87										

A-4 System Net Generation and Fuel Cost Report

REVISED

Duke Energy Florida, LLC

Report Period: 12/1/2016 to 12/1/2016
Run Date: 2/13/2017 9:42:59AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Gas Turbine													
Univ of Florida Cogen		0.00					No 2	0	0.000	0	0	0.000	0.000
		36,117.90					Gas	336,530	1.025	344,944	1,727,177	4.782	5.132
TOTAL UFP													
	48	36,117.90	101			9,550				344,944	1,727,177	4.782	
TOTAL Gas Turbine:													
	5,039	1,701,621.87				7,324				12,462,468	57,735,098	3.393	
SYSTEM TOTAL:	7,538	2,593,252.87				8,368				21,701,621	92,738,520	3.576	

A-3 Generating System Comparative Data Report

REVISED

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 12/1/2016

Run Date: 2/13/2017 9:45:25AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
NET GENERATION (\$)				
1 - HEAVY OIL	0	0	0	0.0%
2 - LIGHT OIL	18,516,067	4,020,813	14,495,254	360.5%
3 - COAL	339,340,725	324,911,924	14,428,801	4.4%
4 - GAS	834,543,700	823,121,834	11,421,866	1.4%
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	1,192,400,492	1,152,054,571	40,345,921	3.5%
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	76,916	1,926	74,990	3,893.6%
11 - COAL	8,851,647	9,143,645	(291,998)	(3.2%)
12 - GAS	24,822,412	25,114,198	(291,786)	(1.2%)
13 - NUCLEAR	0	0	0	0.0%
14 - SOLAR	5,305.00	16,485	(11,180.00)	(67.8)%
15	0	0	0	0.0%
16 - TOTAL (MWH)	33,756,279	34,276,254	(519,975)	(1.5%)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	172,049	31,611	140,438	444.3%
19 - COAL (TON)	4,181,357	4,215,668	(34,311)	(0.8%)
20 - GAS (MCF)	199,365,868	191,441,371	7,924,497	4.1%
21 - NUCLEAR (MMBTU)	0	0	0	0.0%
22	0	0	0	0.0%
23	0	0	0	0.0%
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0%
25 - LIGHT OIL	992,122	183,998	808,124	439.2%
26 - COAL	93,670,913	96,643,988	(2,973,075)	(3.1%)
27 - GAS	203,963,866	191,441,371	12,522,495	6.5%
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	298,626,901	288,269,357	10,357,544	3.6%

A-3 Generating System Comparative Data Report

REVISED

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 12/1/2016

Run Date: 2/13/2017 9:45:25AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0%
33 - LIGHT OIL	0.2	0.01	0.2	3955.1%
34 - COAL	26.2	26.68	(0.5)	(1.7%)
35 - GAS	73.5	73.27	0.3	0.4%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37 - SOLAR	0.02	0.05	(0.03)	(67.32)%
38	0.0	0.00	0.0	0.0%
<hr/>				
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0%
FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%
41 - LIGHT OIL (\$/BBL)	107.62	127.20	(19.58)	(15.4%)
42 - COAL (\$/TON)	81.16	77.07	4.08	5.3%
43 - GAS (\$/MCF)	4.19	4.30	(0.11)	(2.6%)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0%
45	0.00	0.00	0.00	0.0%
46	0.00	0.00	0.00	0.0%
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0%
48 - LIGHT OIL	18.66	21.85	(3.19)	(14.6%)
49 - COAL	3.62	3.36	0.26	7.8%
50 - GAS	4.09	4.30	(0.21)	(4.8%)
51 - NUCLEAR	0.00	0.00	0.00	0.0%
52	0.00	0.00	0.00	0.0%
53	0.00	0.00	0.00	0.0%
<hr/>				
54 - SYSTEM (\$/MBTU)	3.99	4.00	(0.00)	(0.1%)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	12,899	95,534	(82,635)	(86.5%)
57 - COAL	10,582	10,570	13	0.1%
58 - GAS	8,217	7,623	594	7.8%
59 - NUCLEAR	0	0	0	0.0%
60	0	0	0	0.0%
61	0	0	0	0.0%
<hr/>				
62 - SYSTEM (BTU/KWH)	8,847	8,410	436	5.2%

A-3 Generating System Comparative Data Report

Duke Energy Florida, LLC

REVISED

Report Period: 1/1/2016 to 12/1/2016

Run Date: 2/13/2017 9:45:25AM

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<u>GENERATED FUEL COST PER KWH (CENTS/KWH)</u>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0%
64 - LIGHT OIL	24.07	208.76	(184.69)	(88.5%)
65 - COAL	3.83	3.55	0.28	7.9%
66 - GAS	3.36	3.28	0.08	2.6%
67 - NUCLEAR	0.00	0.00	0.00	0.0%
68	0.00	0.00	0.00	0.0%
69	0.00	0.00	0.00	0.0%
<u>70 - SYSTEM (CENTS/KWH)</u>	<u>3.53</u>	<u>3.36</u>	<u>0.17</u>	<u>5.1%</u>

A-4 System Net Generation and Fuel Cost Report

REVISED

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 12/1/2016
Run Date: 2/13/2017 9:45:29AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Nuclear													
Crystal River 3													
TOTAL UNIT 3			0.00			0				0	0	0.000	
TOTAL	0	0.00				0				0	0	0.000	
Solar													
Osceola Solar Facility 1													
TOTAL UNIT 1	4	3,254.00	10			0				0	0	0.000	
Perry Solar Facility 1													
TOTAL UNIT 1	5	2,051.00	5			0				0	0	0.000	
TOTAL Solar:	9	5,305.00				0				0	0	0.000	
Steam													
Anclote													
TOTAL UNIT 1		1,830,098.00					Gas	19,155,638	1.023	19,593,413	81,357,069	4.446	4.247
	524	1,830,098.00	40			10,706				19,593,413	81,357,069	4.446	
TOTAL UNIT 2		1,668,083.00					Gas	17,696,657	1.023	18,097,248	73,740,516	4.421	4.167
	524	1,668,083.00	36			10,849				18,097,248	73,740,516	4.421	
Bartow													
TOTAL UNIT 1			0.00			0				0	0	0.000	
TOTAL UNIT 2			0.00			0				0	0	0.000	
TOTAL UNIT 3			0.00			0				0	0	0.000	
Crystal River 1 & 2													
		643,526.00					Coal	329,382	22.804	7,511,092	30,579,419	4.752	92.839
		0.00					No 2	14,372	5.753	82,681	1,521,339	0.000	105.854
TOTAL UNIT 1	372	643,526.00	20			11,800				7,593,774	32,100,758	4.988	
		650,308.00					Coal	350,914	22.472	7,885,868	32,329,545	4.971	92.130
		0.00					No 2	11,499	5.765	66,287	1,173,866	0.000	102.084
TOTAL UNIT 2	503	650,308.00	15			12,228				7,952,155	33,503,411	5.152	

A-4 System Net Generation and Fuel Cost Report

REVISED

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 12/1/2016
Run Date: 2/13/2017 9:45:29AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Steam													
Crystal River 4 & 5													
		3,796,569.00					Coal	1,759,110	22.352	39,319,847	138,950,586	3.660	78.989
		0.00					No 2	18,190	5.755	104,690	2,000,153	0.000	109.959
TOTAL UNIT 4	721	3,796,569.00	60			10,384				39,424,537	140,950,739	3.713	
		3,795,069.00					Coal	1,741,951	22.362	38,954,106	137,481,175	3.623	78.924
		0.00					No 2	21,059	5.745	120,982	2,332,500	0.000	110.760
TOTAL UNIT 5	721	3,795,069.00	60			10,296				39,075,088	139,813,675	3.684	
Suwannee Plant													
		34,223.00					Gas	471,154	1.025	482,995	2,002,333	5.851	4.250
TOTAL UNIT 1	28	34,223.00	14			14,113				482,995	2,002,333	5.851	
		68,814.00					Gas	1,013,728	1.021	1,035,405	4,133,981	6.007	4.078
TOTAL UNIT 2	29	68,814.00	27			15,046				1,035,405	4,133,981	6.007	
		309,036.00					Gas	3,582,284	1.023	3,664,407	15,142,693	4.900	4.227
TOTAL UNIT 3	73	309,036.00	48			11,858				3,664,407	15,142,693	4.900	
TOTAL Steam:	2,490	12,795,726.00				10,700				136,919,022	522,745,174	4.085	

A-4 System Net Generation and Fuel Cost Report

REVISED

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 12/1/2016
Run Date: 2/13/2017 9:45:29AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Gas Turbine													
Avon Park Peaker													
		191.68					No 2	585	5.816	3,403	55,384	28.893	94.673
		4,947.82					Gas	86,025	1.021	87,828	355,986	7.195	4.138
TOTAL APP	58	5,139.50	1			17,751				91,230	411,369	8.004	
Bartow Combined Cycle													
		6,604,213.00					Gas	51,939,249	1.023	53,139,493	214,927,901	3.254	4.138
TOTAL BCC	1,139	6,604,213.00	66			8,046				53,139,493	214,927,901	3.254	
Bartow Peaker													
		801.28					No 2	2,076	5.712	11,858	222,446	27.761	107.151
		34,668.72					Gas	502,321	1.021	513,060	2,055,167	5.928	4.091
TOTAL BAP	188	35,470.00	2			14,799				524,919	2,277,613	6.421	
Bayboro Peaker													
		2,579.10					No 2	6,589	5.712	37,636	971,360	37.663	147.421
TOTAL BYP	187	2,579.10	0			14,593				37,636	971,360	37.663	
Debary Peaker													
		20,757.12					No 2	50,449	5.756	290,408	5,662,600	27.280	112.244
		134,521.88					Gas	1,838,696	1.024	1,882,062	7,575,287	5.631	4.120
TOTAL DEP	666	155,279.00	3			13,991				2,172,469	13,237,887	8.525	
Higgins Peaker													
		23,905.20					Gas	424,514	1.022	433,701	1,769,747	7.403	4.169
TOTAL HGP	115	23,905.20	2			18,143				433,701	1,769,747	7.403	
Hines Energy													
		12,316,358.70					Gas	85,963,744	1.023	87,946,974	363,387,473	2.950	4.227
TOTAL HEP	2,037	12,316,358.70	69			7,141				87,946,974	363,387,473	2.950	
Intercession City Peaker													
		15,866.03					No 2	36,500	5.801	211,747	3,578,392	22.554	98.038
		369,658.62					Gas	4,823,941	1.023	4,933,445	19,590,119	5.300	4.061
TOTAL ICP	1,044	385,524.65	4			13,346				5,145,192	23,168,510	6.010	
Rio Pinar Peaker													
		0.00					No 2	11	5.823	64	1,241	0.000	112.830
TOTAL RPP	15	0.00	0			0				64	1,241	0.000	
Suwannee Peaker													
		4,542.24					No 2	10,436	5.817	60,706	959,752	21.129	91.966
		58,510.96					Gas	765,434	1.022	781,987	2,998,702	5.125	3.918
TOTAL SRP	170	63,053.20	4			13,365				842,694	3,958,454	6.278	

A-4 System Net Generation and Fuel Cost Report

REVISED

Duke Energy Florida, LLC

Report Period: 1/1/2016 to 12/1/2016
Run Date: 2/13/2017 9:45:29AM

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT	NET CAP (MW)	NET GENERATION (MWH)	CAP FAC (%)	EQUIV AVAIL FAC (%)	NET OUTPUT FAC (%)	AVE NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURN (UNITS)	FUEL HEAT VALUE (MMBTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (CENTS/KWH)	FUEL COST PER UNIT (\$)
Gas Turbine													
Tiger Bay Cogen													
TOTAL TBP		1,003,525.00					Gas	7,602,599	1.024	7,788,808	32,143,796	3.203	4.228
	188	1,003,525.00	61			7,761				7,788,808	32,143,796	3.203	
Turner Peaker													
TOTAL TUP		101.00					No 2	288	5.762	1,659	37,034	36.668	128.591
	78	101.00	0			16,431				1,659	37,034	36.668	
Univ of Florida Cogen													
TOTAL UFP		0.00					No 2	0	0.000	0	0	0.000	0.000
		360,101.90					Gas	3,499,884	1.024	3,583,039	13,363,251	3.711	3.818
	47	360,101.90	88			9,950				3,583,039	13,363,251	3.711	
TOTAL Gas Turbine:													
	5,933	20,955,250.25				7,717				161,707,879	669,655,637	3.196	
SYSTEM TOTAL:													
	8,432	33,756,281.25				8,847				298,626,901	1,192,400,811	3.532	

Duke Energy Florida
2017
A Schedule Acronym Listing

Acronym	Definition
RRSSA	Revised and Restated Stipulation and Settlement Agreement
T &D	Transmission and Distribution
GPIF	Generating Performance Incentive Factor
MWH	Megawatt Hour
KWH	Kilowatt Hour
CAP	Capacity
FAC	Factor
EQUIV	Equivalent
AVAIL	Availability
Adj	Adjusted/Adjustment
C/KWH	Cents per kilowatt Hour
SEPA	Southeastern Power Administration
Cogen / CO-GEN	Cogeneration
TOLL	Tolling
BBL	Barrel
MCF	Thousand Cubic Feet
MMBTU	Million British Thermal Units
BTU	British Thermal Unit