



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

July 27, 2017

VIA ELECTRONIC FILING

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

Re: *Fuel and purchased power cost recovery clause with generating performance incentive factor; Docket No. 20170001-EI*

Dear Ms. Stauffer:

Please find enclosed for electronic filing in the above referenced docket, Duke Energy Florida, LLC's ("DEF") Fuel and Capacity Cost Recovery Actual/Estimated True-Up Testimony and Exhibits for the period January 2017 through December 2017. The filing includes the following:

- DEF's Petition for approval of Fuel Cost Recovery and Capacity Cost Recovery Actual/Estimated True-Up for the period January 2017 through December 2017; and
- Direct Testimony of Christopher A. Menendez with redacted Exhibit No. ____ (CAM-2).

A Request for Confidential Classification covering the confidential information contained in Exhibit No. ____ (CAM-2) to the direct testimony of Christopher A. Menendez, along with the confidential information at issue is being filed under separate cover. Thank you for your assistance in this matter. Please feel free to call me at (850) 521-1428 should you have any questions concerning this filing.

Respectfully,

s/Matthew R. Bernier

Matthew R. Bernier
Senior Counsel
Matthew.Bernier@duke-energy.com

MRB/mw
Enclosures

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and Purchase Power : DOCKET NO. 20170001-EI
Cost Recovery Clause with Generating :
Performance Incentive Factor : Filed: July 27, 2017

**PETITION FOR APPROVAL OF FUEL COST RECOVERY AND CAPACITY COST
RECOVERY ACTUAL/ESTIMATED TRUE-UP FOR THE PERIOD
JANUARY 2017 THROUGH DECEMBER 2017**

Duke Energy Florida, LLC (“DEF”) hereby petitions the Commission for approval of its actual/estimated Fuel and Purchased Power Cost Recovery True-Up of \$195,503,774 under-recovery, and approval of its actual/estimated Capacity Cost Recovery true-up of \$5,121,339 under-recovery for the period January 2017 through December 2017. In support of this petition, DEF states the following:

1. By Order No. PSC-99-2512-FOF-EI, dated December 22, 1999, utilities are directed to file current year estimated true-up data at least 90 days prior to each annual Fuel and Capacity Cost Recovery hearing. The hearing in this docket is scheduled for October 25 through 27, 2017.

2. The actual/estimated under-recovery of \$195,503,774 in the fuel cost recovery for the period January 2017 through December 2017 was calculated in accordance with the methodology set forth in Schedule 1, attached to Order 10093, dated June 19, 1981. It is based on actual data for the period January through June 2017 and re-estimated data for the period July through December 2017. The supporting documentation is contained in the prepared direct testimony and exhibits of DEF witness Christopher A. Menendez which is being filed together with this Petition.

3. The actual/estimated \$5,121,339 capacity under-recovery for the period January through December 2017 was calculated in accordance with the methodology set forth in Order No. 25773 dated February 24, 1992. It is based on actual data for the period January through June 2017 and re-estimated data for the period July through December 2017. The supporting documentation is contained in the prepared direct testimony and exhibits of DEF witness Christopher A. Menendez.

4. DEF's net capacity under-recovery is \$5,121,339 Included is \$51,700,333 of 2017 recoverable expenses associated with the CR3 Uprate project approved in Order No. PSC-16-0547-FOF-EI.

WHEREFORE, Duke Energy Florida, LLC respectfully requests the Commission to approve the \$195,503,774 under-recovery as the actual/estimated fuel cost recovery true-up amount for the period January through December 2017 and to approve the \$5,121,339 under-recovery as the actual/estimated capacity cost recovery true-up amount for the period January through December 2017.

Respectfully,

s/Matthew R. Bernier

DIANNE M. TRIPLETT

Associate General Counsel

Duke Energy Florida, LLC

299 First Avenue North

St. Petersburg, FL 33701

T: 727. 820.4692

F: 727.820.5041

E: Dianne.Triplett@Duke-Energy.com

MATTHEW R. BERNIER

Senior Counsel

Duke Energy Florida, LLC

106 E. College Avenue, Suite 800

Tallahassee, FL 32301

T: 850.521.1428

F: 727.820.5041

E: Matthew.Bernier@Duke-Energy.com

Duke Energy Florida, LLC

Docket No.: 20170001-EI

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 27th day of July, 2017.

s/Matthew R. Bernier

Attorney

<p>Suzanne S. Brownless Danijela Janjic Office of General Counsel Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 sbrownle@psc.state.fl.us djanjic@psc.state.fl.us asoete@psc.state.fl.us</p> <p>James D. Beasley J. Jeffrey Wahlen Ausley McMullen P.O. Box 391 Tallahassee, FL 32302 jbeasley@ausley.com jwahlen@ausley.com</p> <p>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 rlmcgee@southernco.com</p> <p>Beth Keating Gunster, Yoakley & Stewart, P.A. 215 South Monroe Street, Suite 601 Tallahassee, FL 32301 bkeating@gunster.com</p> <p>Charles J. Rehwinkel / Erik Sayler J.R. Kelly / Patty Christensen Office of Public Counsel c/o The Florida Legislature 111 W. Madison Street, Room 812 Tallahassee, FL 32399-1400 rehwinkel.charles@leg.state.fl.us sayler.erik@leg.state.fl.us kelly.jr@leg.state.fl.us christensen.patty@leg.state.fl.us</p> <p>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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1 **DUKE ENERGY FLORIDA, LLC**

2 **DOCKET No. 20170001-EI**

3 **Fuel and Capacity Cost Recovery**
4 **Actual/Estimated True-Up Amounts**
5 **January through December 2017**

6 **DIRECT TESTIMONY OF**
7 **Christopher A. Menendez**

8 **July 27, 2017**

9
10 **Q. Please state your name and business address.**

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

13
14 **Q. Have you previously filed testimony before this Commission in**
15 **Docket No. 20170001-EI?**

16 A. Yes. I provided direct testimony on March 1, 2017.

17
18 **Q: Has your job description, education, background and professional**
19 **experience changed since that time?**

20 A. No.

21
22 **Q. What is the purpose of your testimony?**

23 A. The purpose of my testimony is to present for Commission approval the
24 actual/estimated fuel and capacity cost recovery true-up amounts of
25 Duke Energy Florida, LLC ("DEF" or the "Company") for the period of
26 January through December 2017.

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

2 A. Yes. I have prepared Exhibit No. ___ (CAM-2), which is attached to my
3 prepared testimony, consisting of two parts. Part 1 consists of
4 Schedules E1-B through E9, which include the calculation of the 2017
5 actual/estimated fuel and purchased power true-up balance, and a
6 schedule to support the capital structure components and cost rates
7 relied upon to calculate the return requirements on all capital projects
8 recovered through the fuel clause as required per Order No. PSC-16-
9 0001-PCO-EI. Part 2 consists of Schedules E12-A through E12-C,
10 which include the calculation of the 2017 actual/estimated capacity true-
11 up balance. The calculations in my exhibit are based on actual data from
12 January through June 2017 and estimated data from July through
13 December 2017.

14
15 **FUEL COST RECOVERY**

16
17 **Q. What is the amount of DEF's 2017 estimated fuel true-up balance**
18 **and how was it developed?**

19 A. DEF's estimated fuel true-up balance is an under-recovery of
20 \$195,503,774. The calculation begins with the actual under-recovered
21 balance of \$184,422,095 taken from Schedule A2, page 2 of 2, line 13,
22 for the month of June 2017. This balance plus the estimated July
23 through December 2017 monthly true-up calculations comprise the
24 estimated \$195,509,774 under-recovered balance at year-end. The
25 projected December 2017 true-up balance includes interest which is

1 estimated from July through December 2017 based on the average of
2 the beginning and ending commercial paper rate applied in June. That
3 rate is 0.085% per month.

4

5 **Q. How does the current forecast of fuel costs on Schedule E3 for July**
6 **through December 2017 compare with the same period forecast**
7 **used in the Company's 2017 projection filing approved in Order No.**
8 **PSC-16-0547-FOF-EI?**

9 A. Coal costs increased \$0.28/mmbtu (10%) and light oil decreased
10 \$1.00/mmbtu (4%). While natural gas costs were higher during the
11 second half of 2016 and first half of 2017, the current forecast of natural
12 gas costs, for July through December 2017, are slightly lower,
13 \$0.05/mmbtu (1%), than those in DEF's 2017 Projection Filing approved
14 in Order No. PSC-16-0547-FOF-EI.

15

16 **Q. On February 9, 2017, an outage occurred at the Bartow Combined**
17 **Cycle Plant. Has DEF included replacement power costs resulting**
18 **from this outage in the 2017 actual/estimated true-up filing?**

19 A. No. Consistent with the Stipulation filed June 14, 2017 in the instant
20 docket, DEF has not included replacement power costs resulting from
21 this outage. These costs will remain in the over/under account to be
22 considered in Docket No. 20180001-EI for recovery in 2019 rates subject
23 to normal intervener challenge and Commission reasonableness and
24 prudence review and approval.

1 **Q. Have any adjustments been made to estimated fuel costs for the**
2 **period July through December 2017?**

3 A. Yes. Consistent with the Stipulation filed on June 14, 2017 in the instant
4 docket, DEF included an adjustment of \$10,973,639 (grossed up to
5 \$11,038,768 from retail to system). This adjustment is included on
6 Schedule E1-B (sheet 2), line A5, column Jul Estimated.

7

8 **Q. Does DEF expect to exceed the three-year rolling average gain on**
9 **non-separated power sales in 2017?**

10 A. No. DEF estimates the total gain on non-separated sales during 2016
11 will be \$748,832, which does not exceed the three-year rolling average
12 of \$3,019,369.

13

14 **CAPACITY COST RECOVERY**

15

16 **Q. What is DEF's 2017 estimated capacity true-up balance and how**
17 **was it developed?**

18 A. DEF's estimated capacity true-up balance is an under-recovery of
19 \$5,121,339. The estimated true-up calculation begins with the actual
20 under-recovered balance of \$7,299,099 for the month of June 2017.
21 This balance plus the estimated July through December 2017 monthly
22 true-up calculations comprise the estimated \$5,121,339 under-recovered
23 balance at year-end. The projected December 2017 true-up balance
24 includes interest which is estimated from July through December 2017

1 based on the average of the beginning and ending commercial paper
2 rate applied in June. That rate is 0.085% per month.

3

4 **Q. What are the primary drivers of the estimated year-end 2017**
5 **capacity under-recovery?**

6 A. The \$5.1 million under-recovery is primarily attributable to lower than
7 projected capacity revenues of approximately \$9.2 million offset by
8 approximately \$1.9 million lower capacity costs and approximately \$2.2
9 million prior period true up over-recovery balance.

10

11 **Q. Has DEF included the nuclear cost recovery amounts approved in**
12 **Order No. PSC-16-0547-FOF-EI?**

13 A. Yes. DEF has included \$51,700,333 of 2017 recoverable expenses
14 associated with the CR-3 Uprate project.

15

16 **Q: Has DEF included any servicing fees in excess of incremental cost**
17 **related to the Asset Securitization Charge (ASC) in the CCR Filing.**

18 A: Yes, DEF included \$296,269 of excess servicing fees on Line 30 of
19 Schedule E12-B, column EST Jul-17, which include approximately \$793
20 of interest from March through June 2017. Order No. 15-0537-FOF-EI
21 requires DEF to credit back to customers through the Capacity Cost
22 Recovery Clause any excess servicing fees collected on the ASC.

23

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

25 A. Yes.

DUKE ENERGY FLORIDA, LLC
Fuel Cost Recovery
Actual / Estimated True-Up
January through December 2017

Schedule E1-B – Calculation of Estimated True-up
Schedule E2 – Fuel Cost Recovery Clause Calculation by Month
Schedule E3 – Generating System Comparative Data
Schedule E4 – System Net Generation & Fuel Cost by Month
Schedule E5 – Inventory Analysis
Schedule E6 – Fuel Cost of Power Sold
Schedule E7 – Purchased Power
Schedule E8 – Energy Payments to Qualifying Facilities
Schedule E9 – Economy Energy Purchases
Capital Structure and Cost Rates Applied to Capital Projects
(Order No. PSC-12-0425-PAA-EU)

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

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

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

Estimated for the Period of : January through December 2017

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

Duke Energy Florida, LLC
 Comparison of Actual/Estimated Versus Mid-Course Projections
 of the Fuel and Purchased Power Cost Recovery Factor
 Estimated for the Period of : January through December 2017

	DOLLARS				mWh				c/kWh			
	Actual/ Estimated	Projection Filing	Difference		Actual/ Estimated	Projection Filing	Difference		Actual/ Estimated	Projection Filing	Difference	
			Amount	%			Amount	%			Amount	%
1 Fuel Cost of System Net Generation (E3)	1,281,178,493	1,221,838,538	59,339,955	5%	36,411,274	37,020,131	(608,856)	-2%	3.519	3.300	0.218	7%
2 Coal Car Investment	(42,303)	0	(42,303)	0%			-	0%	0.000	0.000	0.000	0%
3 Adjustment to Fuel Cost	(11,552,582)	0	(11,552,582)	0%			-	0%	0.000	0.000	0.000	0%
4 TOTAL COST OF GENERATED POWER	1,269,583,608	1,221,838,538	47,745,070	4%	36,411,274	37,020,131	(608,856)	-2%	3.487	3.300	0.186	6%
5 Energy Cost of Purchased Power (Excl. Econ & Cogens) (E7)	108,591,064	73,811,326	34,779,738	47%	2,452,789	1,760,693	692,096	39%	4.427	4.192	0.235	6%
6 Energy Cost of Economy Purchases (E9)	6,676,095	4,417,649	2,258,446	51%	174,229	97,274	76,955	79%	3.832	4.541	-0.710	-16%
7 Payments to Qualifying Facilities (E8)	148,400,332	140,596,014	7,804,318	6%	3,340,511	3,329,832	10,680	0%	4.442	4.222	0.220	5%
8 TOTAL COST OF PURCHASED POWER	263,667,490	218,824,989	44,842,501	20%	5,967,530	5,187,798	779,731	15%	4.418	4.218	0.200	5%
9 TOTAL AVAILABLE mWh (LINE 5 + LINE 9)			-		42,378,804	42,207,929	170,875	0%	0.000	0.000	0.000	0%
10 Fuel Cost of Economy Sales (E6)	(2,854,069)	(2,516,281)	(337,788)	13%	(70,171)	(82,705)	12,534	-15%	4.067	3.042	1.025	34%
10a Gain on Economy Sales (E6)	(748,832)	(612,488)	(136,344)	22%	(70,171)	(82,705)	12,534	-15%	1.067	0.741	0.327	44%
10b Gain on Economy Sales -20% (E6)	0	0	-	0%								
11 Fuel Cost of Stratified Sales (E6)	(26,526,727)	(23,804,974)	(2,721,753)	11%	(1,562,704)	(956,306)	(606,398)	63%	1.697	2.489	-0.792	-32%
12 TOTAL FUEL COST AND GAINS OF POWER SALES (LINES 10 + 10a + 10b + 11)	(30,129,628)	(26,933,743)	(3,195,886)	12%	(1,632,875)	(1,039,011)	(593,864)	57%	1.845	2.592	-0.747	-29%
13 Net Inadvertent Interchange					100,319		100,319					
14 TOTAL FUEL & NET POWER TRANSACTIONS (LINES 4 + 8 + 12 + 13)	1,503,121,470	1,413,729,784	89,391,685	6%	40,846,248	41,168,918	(322,670)	-1%	3.680	3.434	0.246	7%
15 Net Unbilled					53,609	465,894	(412,285)	-88%	0.000	0.000	0.000	0%
16 Company Use					(146,200)	(156,000)	9,800	-6%	0.000	0.000	0.000	0%
17 T & D Losses					(2,300,940)	(2,054,328)	(246,612)	12%	0.000	0.000	0.000	0%
18 SYSTEM mWh SALES	1,503,121,470	1,413,729,784	89,391,685	6%	38,452,717	39,424,485	(971,768)	-2%	3.909	3.586	0.323	9%
19 Wholesale mWh Sales	(9,667,019)	(7,543,808)	(2,123,211)	28%	(243,881)	(210,449)	(33,432)	16%	3.964	3.585	0.379	11%
20 Jurisdictional mWh Sales	1,493,454,451	1,406,185,977	87,268,474	6%	38,208,836	39,214,036	(1,005,200)	-3%	3.909	3.586	0.323	9%
20a Jurisdictional Loss Multiplier	1.00112	1.0004	0.00072	0%	1.00112	1.0004	0.00072	0%				
21 Jurisdictional Sales Adjusted for Line Losses	1,495,046,612	1,406,748,451	88,298,161	6%	38,208,836	39,214,036	(1,005,200)	-3%	3.913	3.587	0.325	9%
22 TRUE-UP	85,111,174	26,217,663	58,893,511	225%	38,208,836	39,214,036	(1,005,200)	-3%	0.223	0.067	0.156	233%
23 TOTAL JURISDICTIONAL FUEL COST	1,580,157,788	1,432,966,114	147,191,674	10%	38,208,836	39,214,036	(1,005,200)	-3%	4.136	3.654	0.481	13%
24 Revenue Tax Factor	1,137,714	1,031,736	105,978	10%								
25 Fuel Factor Adjusted for Taxes	1,581,295,502	1,433,997,850	147,297,652	10%	38,208,836	39,214,036	(1,005,200)	-3%	4.139	3.657	0.482	13%
26 GPIF **	2,255,421	2,255,421	-	0%	38,208,836	39,214,036	(1,005,200)	-3%	0.006	0.006	0.000	3%
27 Fuel Factor Adjusted for Taxes Including GPIF	1,583,550,923	1,436,253,271	147,297,652	10%	38,208,836	39,214,036	(1,005,200)	-3%	4.144	3.663	0.482	13%
28 FUEL FACTOR ROUNDED TO NEAREST .001 c/kWh									4.144	3.663	0.482	13%

Duke Energy Florida, LLC
 Fuel and Purchased Power Cost Recovery Clause
 Estimated for the Period of : January through December 2017

		Actual Jan-17	Actual Feb-17	Actual Mar-17	Actual Apr-17	Actual May-17	Actual Jun-17	Estimated Jul-17	Estimated Aug-17	Estimated Sep-17	Estimated Oct-17	Estimated Nov-17	Estimated Dec-17	TOTAL
1	Fuel Cost of System Net Generation	\$98,838,811	\$84,184,731	\$90,419,035	\$100,319,245	\$117,216,767	\$115,354,960	\$122,167,999	\$123,430,300	\$115,546,389	\$110,831,232	\$97,938,315	\$104,930,710	\$1,281,178,493
1a	Adjustments to Fuel Cost	(559,468)	510	790	590	720	740	(11,038,768)	0	0	0	0	0	(11,594,886)
2	Fuel Cost of Power Sold	(182,091)	(24,236)	(45,787)	(20,252)	(722,164)	(1,730)	(589,285)	(525,371)	(122,745)	(43,896)	(280,315)	(296,197)	(2,854,069)
2a	Gains on Power Sales	(22,161)	2,803	(23,546)	(3,000)	(254,671)	(946)	(141,884)	(126,495)	(29,554)	(10,569)	(67,493)	(71,317)	(748,832)
2b	Fuel Cost of Stratified Sales	(1,678,692)	(1,064,556)	(1,415,823)	(2,575,927)	(4,600,856)	(3,534,564)	(2,536,776)	(2,562,978)	(2,206,679)	(1,817,929)	(1,052,298)	(1,479,649)	(26,526,727)
3	Fuel Cost of Purchased Power (Excl Economy)	2,642,216	2,786,384	9,274,000	16,392,106	16,766,208	13,971,663	10,540,983	9,783,222	8,926,178	10,176,086	5,986,568	1,345,450	108,591,064
3a	Energy Payments to Qualifying Facilities	13,627,016	12,466,965	10,563,523	8,178,273	13,530,431	12,874,239	13,947,559	13,779,054	13,202,773	11,422,607	11,236,172	13,571,718	148,400,332
4	Energy Cost of Economy Purchases	199,213	441,004	1,462,753	2,688,774	396,680	407,730	144,049	187,883	167,214	290,334	176,634	113,827	6,676,095
5	Total System Fuel & Net Power Transactions	\$112,864,845	\$98,793,605	\$110,234,944	\$124,979,810	\$142,333,115	\$139,072,092	\$132,493,877	\$143,965,614	\$135,483,577	\$130,847,866	\$113,937,583	\$118,114,542	\$1,503,121,470
6	Jurisdictional MWH Sold	2,574,799	2,691,028	2,573,592	2,850,311	3,163,946	3,525,452	3,748,227	3,925,489	3,834,611	3,532,857	2,973,199	2,815,326	38,208,836
4	Jurisdictional % of Total Sales	99.07%	99.49%	99.21%	99.41%	99.18%	99.26%	99.41%	99.38%	99.45%	99.49%	99.57%	99.38%	99.37%
8	Jurisdictional Fuel & Net Power Transactions	111,815,202	98,289,757	109,364,088	124,242,429	141,165,983	138,042,958	131,712,163	143,073,028	134,738,417	130,180,542	113,447,651	117,382,232	1,493,454,451
9	Jurisdictional Loss Multiplier	1.00040	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112
10	Jurisdictional Fuel & Net Power Transactions	111,859,928	98,399,842	109,486,576	124,381,581	141,324,089	138,197,566	131,859,681	143,233,269	134,889,324	130,326,344	113,574,713	117,513,700	1,495,046,613
11	Adjusted System Sales	MWH 2,598,947	2,704,696	2,593,964	2,867,275	3,189,945	3,551,751	3,770,541	3,949,792	3,855,897	3,550,922	2,986,187	2,832,801	38,452,717
12	System Cost per MWH Sold	c/kwh 4.3427	3.6527	4.2496	4.3588	4.4619	3.9156	3.5139	3.6449	3.5137	3.6849	3.8155	4.1695	3.9090
13	Jurisdictional Loss Multiplier	x 1.0004	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112
14	Jurisdictional Cost per MWH Sold	c/kwh 4.3444	3.6566	4.2542	4.3638	4.4667	3.9200	3.5179	3.6488	3.5177	3.6890	3.8199	4.1741	3.9128
15	Prior Period True-Up	+ 0.2755	0.2636	0.2756	0.2488	0.2242	0.2012	0.1892	0.1807	0.1850	0.2008	0.2386	0.2519	0.2228
16	Total Jurisdictional Fuel Expense	c/kwh 4.6199	3.9201	4.5298	4.6126	4.6909	4.1212	3.7072	3.8295	3.7026	3.8897	4.0585	4.4260	4.1356
17	Revenue Tax Multiplier	x 1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072
18	Recovery Factor Adjusted for Taxes	c/kwh 4.6232	3.9230	4.5331	4.6160	4.6942	4.1241	3.7098	3.8322	3.7053	3.8925	4.0614	4.4292	4.1386
19	GPIF	+ 0.0073	0.0070	0.0073	0.0066	0.0059	0.0053	0.0050	0.0048	0.0049	0.0053	0.0063	0.0067	0.0059
20	Total Recovery Factor (rounded .001)	c/kwh 4.630	3.930	4.540	4.623	4.700	4.129	3.715	3.837	3.710	3.898	4.068	4.436	4.144

Duke Energy Florida, LLC
 Generating System Comparative Data by Fuel Type
 Estimated for the Period of : January through December 2017

	Actual Jan-17	Actual Feb-17	Actual Mar-17	Actual Apr-17	Actual May-17	Actual Jun-17	Subtotal
FUEL COST OF SYSTEM NET GENERATION (\$)							
1 HEAVY OIL	0	0	0	0	0	0	0
2 LIGHT OIL	584,006	264,148	745,051	1,190,622	1,387,460	880,090	5,051,377
3 COAL	24,862,701	22,731,009	27,887,070	37,889,505	35,072,730	31,142,424	179,585,439
4 GAS	73,392,104	61,189,574	61,786,914	61,239,118	80,756,577	83,332,446	421,696,733
5 NUCLEAR	0	0	0	0	0	0	0
6 OTHER	0	0	0	0	0	0	0
7 TOTAL \$	98,838,811	84,184,731	90,419,035	100,319,245	117,216,767	115,354,960	606,333,548
SYSTEM NET GENERATION (MWH)							
8 HEAVY OIL	0	0	0	0	0	0	0
9 LIGHT OIL	3,301	1,573	4,141	5,343	6,360	4,489	25,208
10 COAL	695,229	641,628	779,529	1,008,416	974,963	852,630	4,952,395
11 GAS	1,949,480	1,640,985	1,748,315	1,836,919	2,358,623	2,453,173	11,987,496
12 NUCLEAR	0	0	0	0	0	0	0
13 SOLAR	1,091	1,318	1,624	1,447	1,372	1,182	8,034
14 OTHER	0	0	0	0	0	0	0
15 TOTAL MWH	2,649,102	2,285,504	2,533,610	2,852,125	3,341,318	3,311,474	16,973,133
UNITS OF FUEL BURNED							
16 HEAVY OIL BBL	0	0	0	0	0	0	0
17 LIGHT OIL BBL	6,302	2,971	8,261	11,782	13,708	9,674	52,698
18 COAL TON	322,062	289,823	348,295	451,324	437,226	395,843	2,244,573
19 GAS MCF	14,475,677	12,828,119	14,097,748	14,600,567	18,787,062	19,565,007	94,354,181
20 NUCLEAR MMBTU	0	0	0	0	0	0	0
21 OTHER BBL	0	0	0	0	0	0	0
BTUS BURNED (MMBTU)							
22 HEAVY OIL	0	0	0	0	0	0	0
23 LIGHT OIL	36,294	17,109	47,496	67,905	78,901	55,829	303,534
24 COAL	7,107,485	6,452,029	7,840,284	10,006,093	9,914,041	8,993,059	50,312,991
25 GAS	14,810,084	13,109,517	14,407,860	14,925,146	19,203,385	19,991,084	96,447,077
26 NUCLEAR	0	0	0	0	0	0	0
27 OTHER	0	0	0	0	0	0	0
28 TOTAL MMBTU	21,953,863	19,578,656	22,295,640	24,999,143	29,196,328	29,039,973	147,063,602
GENERATION MIX (% MWH)							
29 HEAVY OIL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
30 LIGHT OIL	0.13%	0.07%	0.16%	0.19%	0.19%	0.14%	0.15%
31 COAL	26.24%	28.07%	30.77%	35.36%	29.18%	25.75%	29.18%
32 GAS	73.59%	71.80%	69.01%	64.41%	70.59%	74.08%	70.63%
33 NUCLEAR	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34 SOLAR	0.04%	0.06%	0.06%	0.05%	0.04%	0.04%	0.05%
35 OTHER	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
36 TOTAL %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
FUEL COST PER UNIT							
37 HEAVY OIL \$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38 LIGHT OIL \$/BBL	92.67	88.91	90.19	101.05	101.22	90.97	95.86
39 COAL \$/TON	77.20	78.43	80.07	83.95	80.22	78.67	80.01
40 GAS \$/MCF	5.07	4.77	4.38	4.19	4.30	4.26	4.47
41 NUCLEAR \$/MMBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42 OTHER \$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL COST PER MMBTU (\$/MMBTU)							
43 HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44 LIGHT OIL	16.09	15.44	15.69	17.53	17.59	15.76	16.64
45 COAL	3.50	3.52	3.56	3.79	3.54	3.46	3.57
46 GAS	4.96	4.67	4.29	4.10	4.21	4.17	4.37
47 NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48 OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49 TOTAL \$/MMBTU	4.50	4.30	4.06	4.01	4.02	3.97	4.12
BTU BURNED PER KWH (BTU/KWH)							
50 HEAVY OIL	0	0	0	0	0	0	0
51 LIGHT OIL	10,993	10,874	11,469	12,709	12,406	12,438	12,041
52 COAL	10,223	10,056	10,058	9,923	10,169	10,547	10,159
53 GAS	7,597	7,989	8,241	8,125	8,142	8,149	8,046
54 NUCLEAR	0	0	0	0	0	0	0
55 OTHER	0	0	0	0	0	0	0
56 TOTAL BTU/KWH	8,287	8,566	8,800	8,765	8,738	8,770	8,664
GENERATED FUEL COST PER KWH (C/KWH)							
57 HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
58 LIGHT OIL	17.69	16.79	17.99	22.28	21.81	19.61	20.04
59 COAL	3.58	3.54	3.58	3.76	3.60	3.65	3.63
60 GAS	3.76	3.73	3.53	3.33	3.42	3.40	3.52
61 NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
62 OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63 TOTAL C/KWH	3.73	3.68	3.57	3.52	3.51	3.48	3.57

Duke Energy Florida, LLC
 Generating System Comparative Data by Fuel Type
 Estimated for the Period of : January through December 2017

		Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	
		Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
FUEL COST OF SYSTEM NET GENERATION (\$)								
1	HEAVY OIL	0	0	0	0	0	0	0
2	LIGHT OIL	358,806	328,739	356,769	307,896	402,679	256,526	7,062,792
3	COAL	33,876,402	34,294,003	31,664,851	23,871,742	23,015,604	26,635,838	352,943,879
4	GAS	87,932,791	88,807,558	83,524,769	86,651,594	74,520,032	78,038,346	921,171,823
5	NUCLEAR	0	0	0	0	0	0	0
6	OTHER	0	0	0	0	0	0	0
7	TOTAL	\$ 122,167,999	123,430,300	115,546,389	110,831,232	97,938,315	104,930,710	1,281,178,493
SYSTEM NET GENERATION (MWH)								
8	HEAVY OIL	0	0	0	0	0	0	0
9	LIGHT OIL	12	30	0	42	6	24	25,322
10	COAL	979,925	1,013,412	953,291	721,028	721,610	901,379	10,243,040
11	GAS	2,725,835	2,732,295	2,550,252	2,320,098	1,863,414	1,945,975	26,125,366
12	NUCLEAR	0	0	0	0	0	0	0
13	SOLAR	1,416	1,454	1,373	1,507	1,307	2,456	17,547
14	OTHER	0	0	0	0	0	0	0
15	TOTAL	MWH 3,707,188	3,747,191	3,504,916	3,042,675	2,586,337	2,849,835	36,411,274
UNITS OF FUEL BURNED								
16	HEAVY OIL	BBL 0	0	0	0	0	0	0
17	LIGHT OIL	BBL 2,607	2,099	2,540	1,736	3,283	917	65,880
18	COAL	TON 452,360	466,389	438,451	331,431	327,739	395,983	4,656,926
19	GAS	MCF 21,316,542	21,403,746	19,990,570	18,009,311	14,355,653	14,403,193	203,833,196
20	NUCLEAR	MMBTU 0	0	0	0	0	0	0
21	OTHER	BBL 0	0	0	0	0	0	0
BTUS BURNED (MMBTU)								
22	HEAVY OIL	0	0	0	0	0	0	0
23	LIGHT OIL	15,188	12,239	14,801	10,123	19,124	5,340	380,349
24	COAL	10,428,601	10,769,545	10,134,608	7,671,236	7,602,119	9,204,711	106,123,811
25	GAS	21,316,542	21,403,746	19,990,570	18,009,311	14,355,653	14,403,193	205,926,092
26	NUCLEAR	0	0	0	0	0	0	0
27	OTHER	0	0	0	0	0	0	0
28	TOTAL	MMBTU 31,760,331	32,185,530	30,139,979	25,690,670	21,976,896	23,613,244	312,430,252
GENERATION MIX (% MWH)								
29	HEAVY OIL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
30	LIGHT OIL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.07%
31	COAL	26.43%	27.05%	27.20%	23.70%	27.90%	31.63%	28.13%
32	GAS	73.53%	72.92%	72.76%	76.25%	72.05%	68.28%	71.75%
33	NUCLEAR	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34	SOLAR	0.04%	0.04%	0.04%	0.05%	0.05%	0.09%	0.05%
35	OTHER	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
36	TOTAL	% 100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
FUEL COST PER UNIT								
37	HEAVY OIL	\$/BBL 0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	LIGHT OIL	\$/BBL 137.63	156.62	140.46	177.36	122.66	279.74	107.21
39	COAL	\$/TON 74.89	73.53	72.22	72.03	70.23	67.27	75.79
40	GAS	\$/MCF 4.13	4.15	4.18	4.81	5.19	5.42	4.52
41	NUCLEAR	\$/MMBTU 0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	OTHER	\$/BBL 0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL COST PER MMBTU (\$/MMBTU)								
43	HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	LIGHT OIL	23.62	26.86	24.10	30.42	21.06	48.04	18.57
45	COAL	3.25	3.18	3.12	3.11	3.03	2.89	3.33
46	GAS	4.13	4.15	4.18	4.81	5.19	5.42	4.47
47	NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	TOTAL	\$/MMBTU 3.85	3.84	3.83	4.31	4.46	4.44	4.10
BTU BURNED PER KWH (BTU/KWH)								
50	HEAVY OIL	0	0	0	0	0	0	0
51	LIGHT OIL	1,265,667	407,967	0	241,024	3,187,333	222,500	15,021
52	COAL	10,642	10,627	10,631	10,639	10,535	10,212	10,361
53	GAS	7,820	7,834	7,839	7,762	7,704	7,402	7,882
54	NUCLEAR	0	0	0	0	0	0	0
55	OTHER	0	0	0	0	0	0	0
56	TOTAL	BTU/KWH 8,567	8,589	8,599	8,443	8,497	8,286	8,581
GENERATED FUEL COST PER KWH (C/KWH)								
57	HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
58	LIGHT OIL	2990.05	1095.80	0.00	733.09	6,711.32	1,068.86	27.89
59	COAL	3.46	3.38	3.32	3.31	3.19	2.96	3.45
60	GAS	3.23	3.25	3.28	3.73	4.00	4.01	3.53
61	NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
62	OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	TOTAL	C/KWH 3.30	3.29	3.30	3.64	3.79	3.68	3.52

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	1,288	0.5	89.35	48.9	11,425 COAL	648 TONS	22.71	14,715	108,225	8.40
2 CRYSTAL RIVER	2	500	107,410	28.9	96.13	30.0	12,481 COAL	59,058 TONS	22.70	1,340,582	5,554,821	5.17
3 CRYSTAL RIVER	4	732	437,819	80.4	91.29	88.1	10,381 COAL	196,697 TONS	23.11	4,545,200	14,133,010	3.23
4 CRYSTAL RIVER	5	712	433,408	81.8	94.52	87.1	10,448 COAL	195,957 TONS	23.11	4,528,104	14,080,346	3.25
5 ANCLOTE	1	517	146,845	38.2	91.61	41.6	10,770 GAS	1,581,490 MCF	1.00	1,581,490	6,568,495	4.47
6 ANCLOTE	2	521	133,153	34.4	92.26	37.3	11,503 GAS	1,531,695 MCF	1.00	1,531,695	6,407,906	4.81
7 AVON PARK	1-2	69	0	0.0	94.36	0.0	0 GAS	0 MCF		0	0	0.00
8 BARTOW	1-4	228	706	0.4	78.39	19.3	14,088 GAS	9,943 MCF	1.00	9,943	41,445	5.87
9 BARTOW CC	1	1279	634,108	66.6	94.19	70.7	7,833 GAS	4,967,257 MCF	1.00	4,967,257	20,704,555	3.27
10 CITRUS CC	1-2	--	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
11 DEBARY	1-10	785	7,520	1.3	84.71	9.9	12,882 GAS	96,875 MCF	1.00	96,875	403,794	5.37
12 HIGG NS	1-4	129	287	0.3	88.31	22.2	15,675 GAS	4,491 MCF	1.00	4,491	18,718	6.53
13 H NES CC	1-4	2,204	1,334,497	81.4	98.22	20.8	7,091 GAS	9,462,547 MCF	1.00	9,462,547	38,522,884	2.89
14 INT CITY	1-14	1,186	13,183	1.5	94.59	6.5	12,786 GAS	168,556 MCF	1.00	168,556	702,580	5.33
15 OSPREY CC	1	505	276,588	73.6	98.19	77.0	7,586 GAS	2,098,198 MCF	1.00	2,098,198	8,745,725	3.16
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
19 SUWANNEE CT	1-3	200	5,418	3.6	96.88	25.8	13,244 GAS	71,750 MCF	1.00	71,750	299,068	5.52
20 TIGER BAY CC	1	225	139,520	83.3	95.81	88.8	7,187 GAS	1,002,688 MCF	1.00	1,002,688	4,179,411	3.00
21 UNIV OF FLA. CC	1	47	34,011	97.3	98.06	99.1	9,440 GAS	321,052 MCF	1.00	321,052	1,338,210	3.93
22 AVON PARK	1-2	69	0	0.0	94.36	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	0	0.0	78.39	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
24 BAYBORO	1-4	231	0	0.0	95.24	0.0	0 LIGHT O L	0 BBLS		0	128	0.00
25 DEBARY	1-10	785	0	0.0	84.71	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
26 HIGG NS	1-4	129	0	0.0	88.31	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
27 OTHER		0	0	0.0	98.22	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
28 INT CITY	1-14	1,186	12	1.5	94.59	0.0	15,000 LIGHT O L	31 BBLS	5.81	180	6,301	52.51
29 RIO P NAR	1	16	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	96.88	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT O L	2,576 BBLS	5.83	15,008	352,377	0.00
33 SOLAR		10	1,416	19.0	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			3,707,188							31,760,331	122,167,999	3.30

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PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	3,716	1.3	91.29	49.4	11,446 COAL	1,875 TONS	22.68	42,534	221,940	5.97
2 CRYSTAL RIVER	2	500	107,809	29.0	95.16	30.5	12,458 COAL	59,193 TONS	22.69	1,343,045	5,548,916	5.15
3 CRYSTAL RIVER	4	732	449,213	82.5	93.23	88.4	10,377 COAL	201,340 TONS	23.15	4,661,403	14,169,479	3.15
4 CRYSTAL RIVER	5	712	452,674	85.5	96.77	88.5	10,433 COAL	203,981 TONS	23.15	4,722,563	14,353,668	3.17
5 ANCLOTE	1	517	147,877	38.4	91.61	41.9	10,775 GAS	1,593,428 MCF	1.00	1,593,428	6,673,308	4.51
6 ANCLOTE	2	521	137,287	35.4	94.84	37.3	11,500 GAS	1,578,828 MCF	1.00	1,578,828	6,625,933	4.83
7 AVON PARK	1-2	69	0	0.0	94.04	0.0	0 GAS	0 MCF		0	0	0.00
8 BARTOW	1-4	228	610	0.4	78.79	19.1	14,076 GAS	8,592 MCF	1.00	8,592	36,019	5.90
9 BARTOW CC	1	1279	663,128	69.7	98.06	71.0	7,836 GAS	5,196,563 MCF	1.00	5,196,563	21,785,869	3.29
10 CITRUS CC	1-2	--	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
11 DEBARY	1-10	785	7,042	1.2	84.90	10.0	12,839 GAS	90,409 MCF	1.00	90,409	379,026	5.38
12 HIGGINS	1-4	129	220	0.2	87.58	24.4	15,516 GAS	3,412 MCF	1.00	3,412	14,305	6.51
13 HINES CC	1-4	2,204	1,305,528	79.6	97.34	20.6	7,097 GAS	9,265,614 MCF	1.00	9,265,614	37,920,129	2.90
14 INT CITY	1-14	1,186	11,741	1.3	95.07	6.4	12,774 GAS	149,983 MCF	1.00	149,983	628,784	5.36
15 OSPREY CC	1	505	275,937	73.4	96.77	76.5	7,584 GAS	2,092,709 MCF	1.00	2,092,709	8,773,392	3.18
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
19 SUWANNEE CT	1-3	200	5,834	3.9	96.24	26.0	13,253 GAS	77,324 MCF	1.00	77,324	324,170	5.56
20 TIGER BAY CC	1	225	143,640	85.8	97.42	88.9	7,178 GAS	1,031,026 MCF	1.00	1,031,026	4,322,433	3.01
21 UNIV OF FLA. CC	1	47	33,451	95.7	96.45	99.1	9,443 GAS	315,858 MCF	1.00	315,858	1,324,190	3.96
22 AVON PARK	1-2	69	0	0.0	94.04	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	0	0.0	78.79	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
24 BAYBORO	1-4	231	0	0.0	94.11	0.0	0 LIGHT OIL	0 BBLS		0	128	0.00
25 DEBARY	1-10	785	0	0.0	84.90	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
26 HIGGINS	1-4	129	0	0.0	87.58	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
28 INT CITY	1-14	1,186	30	1.3	95.07	2.5	14,633 LIGHT OIL	75 BBLS	5.85	439	9,025	30.08
29 RIO PINAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	96.24	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	2,024 BBLS	5.83	11,800	319,586	0.00
33 SOLAR	10	1,454	19.5	0.00	0.0	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL		3,747,191								32,185,530	123,430,300	3.29

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PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVA L FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	0	0.0	95.67	0.0	0 COAL	0 TONS		0	47,662	0.00
2 CRYSTAL RIVER	2	500	103,734	28.8	94.60	30.4	12,459 COAL	56,925 TONS	22.70	1,292,464	5,329,296	5.14
3 CRYSTAL RIVER	4	732	436,106	82.7	93.33	88.7	10,376 COAL	195,248 TONS	23.18	4,525,020	13,449,899	3.08
4 CRYSTAL RIVER	5	712	413,451	80.7	92.33	87.9	10,442 COAL	186,278 TONS	23.18	4,317,124	12,837,994	3.11
5 ANCLOTE	1	517	139,689	37.5	89.67	41.8	10,779 GAS	1,505,650 MCF	1.00	1,505,650	6,372,857	4.56
6 ANCLOTE	2	521	133,625	35.6	96.00	37.1	11,491 GAS	1,535,462 MCF	1.00	1,535,462	6,469,421	4.84
7 AVON PARK	1-2	69	0	0.0	94.00	0.0	0 GAS	0 MCF		0	0	0.00
8 BARTOW	1-4	228	478	0.3	53.58	19.1	14,111 GAS	6,742 MCF	1.00	6,742	28,469	5.96
9 BARTOW CC	1	1279	627,443	68.1	95.67	71.2	7,836 GAS	4,916,957 MCF	1.00	4,916,957	20,763,762	3.31
10 CITRUS CC	1-2	--	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
11 DEBARY	1-10	785	6,382	1.1	84.90	9.9	12,856 GAS	82,041 MCF	1.00	82,041	346,451	5.43
12 HIGG NS	1-4	129	408	0.4	90.17	24.3	15,463 GAS	6,309 MCF	1.00	6,309	26,643	6.53
13 H NES CC	1-4	2,204	1,195,994	75.4	91.37	20.7	7,073 GAS	8,459,800 MCF	1.00	8,459,800	34,831,604	2.91
14 INT CITY	1-14	1,186	10,146	1.2	94.72	6.6	12,795 GAS	129,809 MCF	1.00	129,809	548,172	5.40
15 OSPREY CC	1	505	268,030	73.7	96.54	76.1	7,584 GAS	2,032,869 MCF	1.00	2,032,869	8,584,580	3.20
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
19 SUWANNEE CT	1-3	200	5,392	3.7	90.36	26.2	13,263 GAS	71,518 MCF	1.00	71,518	302,014	5.60
20 TIGER BAY CC	1	225	130,440	80.5	93.33	88.9	7,200 GAS	939,120 MCF	1.00	939,120	3,965,800	3.04
21 UNIV OF FLA. CC	1	47	32,226	95.2	96.00	99.2	9,442 GAS	304,293 MCF	1.00	304,293	1,284,996	3.99
22 AVON PARK	1-2	69	0	0.0	94.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	0	0.0	53.58	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
24 BAYBORO	1-4	231	0	0.0	94.58	0.0	0 LIGHT OIL	0 BBLS		0	128	0.00
25 DEBARY	1-10	785	0	0.0	84.90	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
26 HIGG NS	1-4	129	0	0.0	90.17	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
28 INT CITY	1-14	1,186	0	0.0	94.72	0.0	0 LIGHT OIL	0 BBLS		0	4,431	0.00
29 RIO P NAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	90.36	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	2,540 BBLS	5.83	14,801	352,210	0.00
33 SOLAR	10		1,373	19.1	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			3,504,916							30,139,979	115,546,389	3.30

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PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVA L FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	2,453	0.9	90.65	43.5	11,584 COAL	1,251 TONS	22.71	28,416	163,626	6.67
2 CRYSTAL RIVER	2	500	76,796	20.6	71.58	28.5	12,563 COAL	42,474 TONS	22.72	964,812	3,981,341	5.18
3 CRYSTAL RIVER	4	732	453,873	83.3	95.48	87.3	10,391 COAL	203,180 TONS	23.21	4,716,061	13,877,081	3.06
4 CRYSTAL RIVER	5	712	187,906	35.5	38.86	88.0	10,441 COAL	84,526 TONS	23.21	1,961,947	5,849,694	3.11
5 ANCLOTE	1	517	140,663	36.6	89.68	40.8	10,790 GAS	1,517,824 MCF	1.00	1,517,824	6,703,154	4.77
6 ANCLOTE	2	521	60,533	15.6	95.16	40.2	11,512 GAS	696,882 MCF	1.00	696,882	4,065,468	6.72
7 AVON PARK	1-2	69	0	0.0	94.03	0.0	0 GAS	0 MCF		0	0	0.00
8 BARTOW	1-4	228	432	0.3	15.09	18.9	14,148 GAS	6,112 MCF	1.00	6,112	29,717	6.88
9 BARTOW CC	1	1279	657,854	69.1	97.10	71.1	7,837 GAS	5,155,604 MCF	1.00	5,155,604	25,068,230	3.81
10 CITRUS CC	1-2	--	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
11 DEBARY	1-10	785	7,448	1.3	84.94	9.9	12,888 GAS	95,983 MCF	1.00	95,983	466,701	6.27
12 HIGG NS	1-4	129	683	0.7	89.28	24.1	15,476 GAS	10,570 MCF	1.00	10,570	51,394	7.52
13 H NES CC	1-4	2,204	1,025,834	62.6	74.72	21.0	7,057 GAS	7,238,925 MCF	1.00	7,238,925	34,282,466	3.34
14 INT CITY	1-14	1,186	10,823	1.2	95.18	6.5	12,796 GAS	138,490 MCF	1.00	138,490	673,382	6.22
15 OSPREY CC	1	505	253,528	67.5	97.29	77.6	7,586 GAS	1,923,218 MCF	1.00	1,923,218	9,351,313	3.69
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
19 SUWANNEE CT	1-3	200	2,838	1.9	64.41	25.8	13,257 GAS	37,620 MCF	1.00	37,620	182,922	6.45
20 TIGER BAY CC	1	225	141,000	84.2	96.13	88.9	7,189 GAS	1,013,579 MCF	1.00	1,013,579	4,928,352	3.50
21 UNIV OF FLA. CC	1	47	18,464	52.8	51.90	99.2	9,451 GAS	174,504 MCF	1.00	174,504	848,495	4.60
22 AVON PARK	1-2	69	0	0.0	94.03	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	0	0.0	15.09	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
24 BAYBORO	1-4	231	3	0.0	95.48	0.0	16,333 LIGHT OIL	8 BBLS	6.13	49	642	21.40
25 DEBARY	1-10	785	0	0.0	84.94	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
26 HIGG NS	1-4	129	0	0.0	89.28	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
28 INT CITY	1-14	1,186	39	1.2	95.18	3.3	14,923 LIGHT OIL	99 BBLS	5.88	582	10,597	27.17
29 RIO P NAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	64.41	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	1,629 BBLS	5.83	9,492	296,657	0.00
33 SOLAR	10	1,507	20.3	0.00	0.0	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			3,042,675							25,690,670	110,831,232	3.64

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Nov-17

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	0	0.0	95.33	0.0	0 COAL	0 TONS		0	44,772	0.00
2 CRYSTAL RIVER	2	500	46,816	13.0	100.00	30.0	12,477 COAL	25,714 TONS	22.72	584,113	2,426,219	5.18
3 CRYSTAL RIVER	4	732	428,335	81.3	92.00	88.4	10,375 COAL	191,247 TONS	23.24	4,443,922	12,973,995	3.03
4 CRYSTAL RIVER	5	712	246,459	48.1	55.56	85.9	10,444 COAL	110,778 TONS	23.24	2,574,084	7,570,618	3.07
5 ANCLOTE	1	517	103,883	27.9	87.00	32.1	11,077 GAS	1,150,723 MCF	1.00	1,150,723	5,241,130	5.05
6 ANCLOTE	2	521	31,120	8.3	90.33	43.6	11,381 GAS	354,176 MCF	1.00	354,176	2,664,300	8.56
7 AVON PARK	1-2	69	0	0.0	93.84	0.0	0 GAS	0 MCF		0	0	0.00
8 BARTOW	1-4	228	0	0.0	47.96	0.0	0 GAS	0 MCF		0	0	0.00
9 BARTOW CC	1	1279	479,184	52.0	80.38	54.2	7,693 GAS	3,686,568 MCF	1.00	3,686,568	19,366,022	4.04
10 CITRUS CC	1-2	--	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
11 DEBARY	1-10	785	1,932	0.3	85.57	8.8	13,351 GAS	25,796 MCF	1.00	25,796	135,509	7.01
12 HIGG NS	1-4	129	15	0.0	88.42	11.6	19,597 GAS	292 MCF	1.00	292	1,534	10.30
13 H NES CC	1-4	2,204	943,644	59.5	82.78	19.2	7,206 GAS	6,799,952 MCF	1.00	6,799,952	34,828,950	3.69
14 INT CITY	1-14	1,186	1,842	0.2	93.67	6.2	12,968 GAS	23,889 MCF	1.00	23,889	125,492	6.81
15 OSPREY CC	1	505	151,087	41.6	95.53	77.5	7,603 GAS	1,148,765 MCF	1.00	1,148,765	6,034,613	3.99
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
19 SUWANNEE CT	1-3	200	1,032	0.7	75.47	24.6	13,571 GAS	13,998 MCF	1.00	13,998	73,534	7.13
20 TIGER BAY CC	1	225	116,840	72.1	95.00	88.9	7,202 GAS	841,431 MCF	1.00	841,431	4,420,146	3.78
21 UNIV OF FLA. CC	1	47	32,835	97.0	98.00	99.0	9,443 GAS	310,063 MCF	1.00	310,063	1,628,802	4.96
22 AVON PARK	1-2	69	0	0.0	93.84	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	0	0.0	47.96	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
24 BAYBORO	1-4	231	0	0.0	94.67	0.0	0 LIGHT OIL	0 BBLS		0	128	0.00
25 DEBARY	1-10	785	0	0.0	85.57	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
26 HIGG NS	1-4	129	0	0.0	88.42	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
28 INT CITY	1-14	1,186	6	0.2	93.67	0.0	15,833 LIGHT OIL	16 BBLS	5.94	95	5,431	90.52
29 RIO P NAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	75.47	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	3,267 BBLS	5.82	19,029	397,120	0.00
33 SOLAR		10	1,307	18.2	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			2,586,337							21,976,896	97,938,315	3.79

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Dec-17

Docket No. 20170001-EI
Exhibit CAM-2, Part 1
Schedule E4
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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	0	0.0	91.94	0.0	0 COAL	0 TONS		0	40,835	0.00
2 CRYSTAL RIVER	2	500	952	0.3	99.03	38.1	11,768 COAL	493 TONS	22.72	11,203	86,508	9.09
3 CRYSTAL RIVER	4	732	440,481	80.9	97.42	83.0	10,270 COAL	194,604 TONS	23.25	4,523,746	13,045,898	2.96
4 CRYSTAL RIVER	5	712	459,946	86.8	97.10	89.8	10,153 COAL	200,886 TONS	23.25	4,669,762	13,462,597	2.93
5 ANCLOTE	1	517	81,574	21.2	90.65	23.4	11,438 GAS	933,003 MCF	1.00	933,003	4,159,064	5.10
6 ANCLOTE	2	521	3,777	1.0	93.87	34.5	11,520 GAS	43,509 MCF	1.00	43,509	1,196,159	31.67
7 AVON PARK	1-2	69	0	0.0	91.62	0.0	0 GAS	0 MCF		0	0	0.00
8 BARTOW	1-4	228	342	0.2	77.91	21.4	13,882 GAS	4,742 MCF	1.00	4,742	26,002	7.61
9 BARTOW CC	1	1279	441,361	46.4	94.54	47.5	7,422 GAS	3,275,684 MCF	1.00	3,275,684	17,963,948	4.07
10 CITRUS CC	1-2	--	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
11 DEBARY	1-10	785	1,498	0.3	84.35	11.2	12,635 GAS	18,925 MCF	1.00	18,925	103,783	6.93
12 HIGG NS	1-4	129	167	0.2	89.68	25.9	15,790 GAS	2,637 MCF	1.00	2,637	14,459	8.66
13 H NES CC	1-4	2,204	1,242,991	75.8	97.26	21.6	7,034 GAS	8,742,786 MCF	1.00	8,742,786	46,996,525	3.78
14 INT CITY	1-14	1,186	1,949	0.2	94.59	7.6	12,387 GAS	24,139 MCF	1.00	24,139	132,372	6.79
15 OSPREY CC	1	505	44,986	12.0	96.83	72.4	7,710 GAS	346,843 MCF	1.00	346,843	1,902,096	4.23
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
19 SUWANNEE CT	1-3	200	1,167	0.8	96.56	27.8	13,357 GAS	15,585 MCF	1.00	15,585	85,466	7.32
20 TIGER BAY CC	1	225	91,605	54.7	93.87	102.6	7,308 GAS	669,469 MCF	1.00	669,469	3,671,387	4.01
21 UNIV OF FLA. CC	1	47	34,560	98.8	96.77	102.1	9,429 GAS	325,871 MCF	1.00	325,871	1,787,085	5.17
22 AVON PARK	1-2	69	0	0.0	91.62	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	0	0.0	77.91	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
24 BAYBORO	1-4	231	0	0.0	94.44	0.0	0 LIGHT OIL	0 BBLS		0	128	0.00
25 DEBARY	1-10	785	0	0.0	84.35	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
26 HIGG NS	1-4	129	0	0.0	89.68	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
28 INT CITY	1-14	1,186	24	0.2	94.59	0.0	16,875 LIGHT OIL	70 BBLS	5.79	405	8,696	36.23
29 RIO P NAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	96.56	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	847 BBLS	5.83	4,935	247,702	0.00
33 SOLAR		10	2,456	33.0	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			2,849,835							23,613,244	104,930,710	3.68

Duke Energy Florida, LLC
 Inventory Analysis

Estimated for the Period of : January through December 2017

		Act	Act	Act	Act	Act	Act	
		Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Subtotal
HEAVY OIL								
1	PURCHASES:							
2	UNITS	BBL	0	0	0	0	0	0
3	UNIT COST	\$/BBL	0.00	0.00	0.00	0.00	0.00	0.00
4	AMOUNT	\$	0	0	0	0	0	0
5	BURNED:							
6	UNITS	BBL	0	0	0	0	0	0
7	UNIT COST	\$/BBL	0.00	0.00	0.00	0.00	0.00	0.00
8	AMOUNT	\$	0	0	0	0	0	0
9	ENDING INVENTORY:							
10	UNITS	BBL	0	0	0	0	0	0
11	UNIT COST	\$/BBL	0.00	0.00	0.00	0.00	0.00	0.00
12	AMOUNT	\$	0	0	0	0	0	0
LIGHT OIL								
13	PURCHASES:							
14	UNITS	BBL	3,721	3,541	4,619	3,768	5,125	25,358
15	UNIT COST	\$/BBL	177.62	129.66	152.06	127.16	116.77	132.58
16	AMOUNT	\$	660,920	459,135	702,362	479,149	598,453	3,361,892
17	BURNED:							
18	UNITS	BBL	6,302	2,971	8,261	11,782	13,708	52,698
19	UNIT COST	\$/BBL	92.67	88.91	90.19	101.05	101.22	95.86
20	AMOUNT	\$	584,006	264,148	745,051	1,190,622	1,387,460	5,051,377
21	ENDING INVENTORY:							
22	UNITS	BBL	932,407	932,977	929,335	921,321	912,741	907,649
23	UNIT COST	\$/BBL	110.16	110.30	110.69	110.88	111.06	111.22
24	AMOUNT	\$	102,716,679	102,911,666	102,868,978	102,157,505	101,368,597	100,950,380
COAL								
25	PURCHASES:							
26	UNITS	TON	351,101	334,976	364,377	358,562	427,052	2,258,952
27	UNIT COST	\$/TON	77.89	81.87	79.47	78.48	77.39	79.00
28	AMOUNT	\$	27,346,866	27,422,887	28,957,803	28,139,830	33,047,581	178,464,306
29	BURNED:							
30	UNITS	TON	322,062	289,823	348,295	451,324	437,226	2,244,573
31	UNIT COST	\$/TON	77.20	78.43	80.07	83.95	80.22	80.01
32	AMOUNT	\$	24,862,701	22,731,009	27,887,070	37,889,505	35,072,730	179,585,439
33	ENDING INVENTORY:							
34	UNITS	TON	841,605	886,759	902,840	810,078	799,903	826,945
35	UNIT COST	\$/TON	83.53	84.57	84.25	81.86	80.37	80.65
36	AMOUNT	\$	70,298,872	74,990,750	76,061,483	66,311,808	64,286,659	66,693,575
GAS								
37	BURNED:							
38	UNITS	MCF	14,475,677	12,828,119	14,097,748	14,600,567	18,787,062	94,354,181
39	UNIT COST	\$/MCF	5.07	4.77	4.38	4.19	4.30	4.47
40	AMOUNT	\$	73,392,104	61,189,574	61,786,914	61,239,118	80,756,577	421,696,733
NUCLEAR								
41	BURNED:							
42	UNITS	MMBTU	0	0	0	0	0	0
43	UNIT COST	\$/MMBTU	0.00	0.00	0.00	0.00	0.00	0.00
44	AMOUNT	\$	0	0	0	0	0	0

Duke Energy Florida, LLC
 Inventory Analysis

Estimated for the Period of : January through December 2017

		Est	Est	Est	Est	Est	Est	
		Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
HEAVY OIL								
1	PURCHASES:							
2	UNITS BBL	0	0	0	0	0	0	0
3	UNIT COST \$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	AMOUNT \$	0	0	0	0	0	0	0
5	BURNED:							
6	UNITS BBL	0	0	0	0	0	0	0
7	UNIT COST \$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	AMOUNT \$	0	0	0	0	0	0	0
9	ENDING INVENTORY:							
10	UNITS BBL	0	0	0	0	0	0	0
11	UNIT COST \$/BBL	0	0.00	0.00	0.00	0.00	0.00	0.00
12	AMOUNT \$	0	0	0	0	0	0	0
LIGHT OIL								
13	PURCHASES:							
14	UNITS BBL	2,607	2,099	2,540	1,736	3,283	917	38,540
15	UNIT COST \$/BBL	137.63	156.62	140.46	177.36	122.66	279.74	139.42
16	AMOUNT \$	358,806	328,739	356,769	307,896	402,679	256,526	5,373,307
17	BURNED:							
18	UNITS BBL	2,607	2,099	2,540	1,736	3,283	917	65,880
19	UNIT COST \$/BBL	137.63	156.62	140.46	177.36	122.66	279.74	107.21
20	AMOUNT \$	358,806	328,739	356,769	307,896	402,679	256,526	7,062,792
21	ENDING INVENTORY:							
22	UNITS BBL	907,649	907,649	907,649	907,649	907,649	907,649	
23	UNIT COST \$/BBL	111.22	111.22	111.22	111.22	111.22	111.22	
24	AMOUNT \$	100,950,380	100,950,380	100,950,380	100,950,380	100,950,380	100,950,380	
COAL								
25	PURCHASES:							
26	UNITS TON	452,360	466,389	438,451	331,431	327,739	395,983	4,671,305
27	UNIT COST \$/TON	74.89	73.53	72.22	72.03	70.23	67.27	75.32
28	AMOUNT \$	33,876,402	34,294,003	31,664,851	23,871,742	23,015,604	26,635,838	351,822,746
29	BURNED:							
30	UNITS TON	452,360	466,389	438,451	331,431	327,739	395,983	4,656,926
31	UNIT COST \$/TON	74.89	73.53	72.22	72.03	70.23	67.27	75.79
32	AMOUNT \$	33,876,402	34,294,003	31,664,851	23,871,742	23,015,604	26,635,838	352,943,879
33	ENDING INVENTORY:							
34	UNITS TON	826,945	826,945	826,945	826,945	826,945	826,945	
35	UNIT COST \$/TON	74.89	73.53	72.22	72.03	70.23	67.27	
36	AMOUNT \$	61,928,340	60,806,010	59,721,803	59,561,789	58,072,543	55,624,538	
GAS								
37	BURNED:							
38	UNITS MCF	21,316,542	21,403,746	19,990,570	18,009,311	14,355,653	14,403,193	203,833,196
39	UNIT COST \$/MCF	4.13	4.15	4.18	4.81	5.19	5.42	4.52
40	AMOUNT \$	87,932,791	88,807,558	83,524,769	86,651,594	74,520,032	78,038,346	921,171,823
NUCLEAR								
41	BURNED:							
42	UNITS MMBTU	0	0	0	0	0	0	0
43	UNIT COST \$/MMBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	AMOUNT \$	0	0	0	0	0	0	0

Duke Energy Florida, LLC
 Fuel Cost of Power Sold
 Estimated for the Period of : January through December 2017

(1) MONTH	(2) SOLD TO	(3) TYPE & SCHED	(4) TOTAL MWH SOLD	(5) MWH WHEELED FROM OTHER SYSTEMS	(6) MWH FROM OWN GENERATION	(7) C/KWH		(8) TOTAL \$ FOR FUEL ADJ (6) x (7)(A)	(9) TOTAL COST \$ (6) x (7)(B)	(10) REFUNDABLE GAIN ON POWER SALES \$
						(A) FUEL COST	(B) TOTAL COST			
Jan-17	ECONSALE	--	6,767		6,767	2.691	3.018	182,091	204,252	22,161
Act	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	61,854		61,854	2.714	2.714	1,678,692	1,678,692	0
	TOTAL		68,621		68,621	2.712	2.744	1,860,783	1,882,943	22,161
Feb-17	ECONSALE	--	1,150		1,150	2.107	1.864	24,236	21,433	(2,803)
Act	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	87,217		87,217	1.221	1.221	1,064,556	1,064,556	0
	TOTAL		88,367		88,367	1.232	1.229	1,088,792	1,085,989	(2,803)
Mar-17	ECONSALE	--	1,853		1,853	2.471	3.742	45,787	69,333	23,546
Act	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	92,681		92,681	1.528	1.528	1,415,823	1,415,823	0
	TOTAL		94,534		94,534	1.546	1.571	1,461,610	1,485,156	23,546
Apr-17	ECONSALE	--	400		400	5.063	5.813	20,251	23,251	3,000
Act	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	200,499		200,499	1.285	1.285	2,575,927	2,575,927	0
	TOTAL		200,899		200,899	1.292	1.294	2,596,178	2,599,178	3,000
May-17	ECONSALE	--	15,314		15,314	4.716	6.379	722,164	976,835	254,671
Act	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	224,207		224,207	2.052	2.052	4,600,856	4,600,856	0
	TOTAL		239,521		239,521	2.222	2.329	5,323,020	5,577,691	254,671
Jun-17	ECONSALE	--	38		38	4.554	7.043	1,730	2,676	946
Act	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	192,853		192,853	1.833	1.833	3,534,564	3,534,564	0
	TOTAL		192,891		192,891	1.833	1.834	3,536,295	3,537,241	946
Jan-17	ECONSALE	--	25,522		25,522	3.904	5.085	996,259	1,297,780	301,520
THRU	ECONOMY	C	0		0	0.000	0.000	0	0	0
Jun-17	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	859,311		859,311	1.731	1.731	14,870,419	14,870,419	0
	TOTAL		884,833		884,833	1.793	1.827	15,866,678	16,168,198	301,520

Duke Energy Florida, LLC
 Fuel Cost of Power Sold
 Estimated for the Period of : January through December 2017

(1) MONTH	(2) SOLD TO	(3) TYPE & SCHED	(4) TOTAL MWH SOLD	(5) MWH WHEELED FROM OTHER SYSTEMS	(6) MWH FROM OWN GENERATION	(7) C/KWH		(8) TOTAL \$ FOR FUEL ADJ (6) x (7)(A)	(9) TOTAL COST \$ (6) x (7)(B)	(10) REFUNDABLE GAIN ON POWER SALES \$
						(A) FUEL COST	(B) TOTAL COST			
Jul-17	ECONSALE	--	13,689		13,689	4.305	5.341	589,285	731,169	141,884
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	143,934		143,934	1.762	1.762	2,536,776	2,536,776	0
	TOTAL		157,623		157,623	1.983	2.073	3,126,061	3,267,945	141,884
Aug-17	ECONSALE	--	10,773		10,773	4.877	6.051	525,371	651,866	126,495
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	143,778		143,778	1.783	1.783	2,562,978	2,562,978	0
	TOTAL		154,551		154,551	1.998	2.080	3,088,349	3,214,844	126,495
Sep-17	ECONSALE	--	2,426		2,426	5.059	6.277	122,745	152,299	29,554
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	128,657		128,657	1.715	1.715	2,206,679	2,206,679	0
	TOTAL		131,083		131,083	1.777	1.800	2,329,424	2,358,978	29,554
Oct-17	ECONSALE	--	1,281		1,281	3.428	4.253	43,896	54,465	10,569
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	112,557		112,557	1.615	1.615	1,817,929	1,817,929	0
	TOTAL		113,838		113,838	1.636	1.645	1,861,825	1,872,394	10,569
Nov-17	ECONSALE	--	6,984		6,984	4.014	4.980	280,315	347,808	67,493
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	78,606		78,606	1.339	1.339	1,052,298	1,052,298	0
	TOTAL		85,590		85,590	1.557	1.636	1,332,613	1,400,106	67,493
Dec-17	ECONSALE	--	9,495		9,495	3.119	3.871	296,197	367,514	71,317
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	95,861		95,861	1.544	1.544	1,479,649	1,479,649	0
	TOTAL		105,356		105,356	1.686	1.753	1,775,846	1,847,163	71,317
Jan-17	ECONSALE	--	70,171		70,171	4.067	5.134	2,854,068	3,602,901	748,832
THRU	ECONOMY	C	0		0	0.000	0.000	0	0	0
Dec-17	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	1,562,704		1,562,704	1.697	1.697	26,526,727	26,526,727	0
	TOTAL		1,632,875		1,632,875	1.799	1.845	29,380,795	30,129,627	748,832

Duke Energy Florida, LLC
Purchased Power
(Exclusive of Economy & QF Purchases)
Estimated for the Period of : January through December 2017

(1) MONTH	(2) NAME OF PURCHASE	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR OTHER UTILITIES	(6) MWH FOR INTERRUPTIBLE	(7) MWH FOR FIRM	(8) C/KWH		(9) TOTAL \$ FOR FUEL ADJ (7) x (8)(B)
							(A) FUEL COST	(B) TOTAL COST	
Jan-17	OTHER	--	0			0	0.000	0.000	-
Act	Osprey (Calpine)	--	5,972			5,972	5.054	5.054	301,837
	SHADY HILLS	--	5			5	4.389	4.389	219
	SOCO Franklin	--	56,398			56,398	3.776	3.776	2,129,598
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	2,447			2,447	8.605	8.605	210,562
	TOTAL		64,822	0	0	64,822	4.076	4.076	2,642,216
Feb-17	OTHER	--	0			0	0.000	0.000	0
Act	Osprey (Calpine)	--	0			0	0.000	0.000	5,667
	SHADY HILLS	--	3,004			3,004	9.539	9.539	286,563
	SOCO Franklin	--	43,086			43,086	3.875	3.875	1,669,559
	SOCO Scherer	--	0			0	0.000	0.000	(2,568)
	Vandolah (NSG)	--	8,527			8,527	9.701	9.701	827,164
	TOTAL		54,617	0	0	54,617	5.102	5.102	2,786,384
Mar-17	OTHER	--	0			0	0.000	0.000	0
Act	Osprey (Calpine)	--	0			0	0.000	0.000	0
	SHADY HILLS	--	40,283			40,283	4.250	4.250	1,711,879
	SOCO Franklin	--	129,466			129,466	3.061	3.061	3,962,414
	SOCO Scherer	--	0			0	0.000	0.000	(79,936)
	Vandolah (NSG)	--	66,455			66,455	5.537	5.537	3,679,643
	TOTAL		236,204	0	0	236,204	3.926	3.926	9,274,000
Apr-17	OTHER	--	0			0	0.000	0.000	0
Act	Osprey (Calpine)	--	0			0	0.000	0.000	0
	SHADY HILLS	--	83,120			83,120	5.331	5.331	4,430,757
	SOCO Franklin	--	63,987			63,987	3.961	3.961	2,534,395
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	172,031			172,031	5.480	5.480	9,426,954
	TOTAL		319,138	0	0	319,138	5.136	5.136	16,392,106
May-17	OTHER	--	0			0	0.000	0.000	0
Act	Osprey (Calpine)	--	0			0	0.000	0.000	0
	SHADY HILLS	--	77,126			77,126	6.269	6.269	4,834,968
	SOCO Franklin	--	127,052			127,052	3.367	3.367	4,277,720
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	130,128			130,128	5.882	5.882	7,653,520
	TOTAL		334,306	0	0	334,306	5.015	5.015	16,766,208
Jun-17	OTHER	--	0			0	0.000	0.000	0
Act	Osprey (Calpine)	--	0			0	0.000	0.000	(7,817)
	SHADY HILLS	--	21,835			21,835	6.822	6.822	1,489,532
	SOCO Franklin	--	173,134			173,134	3.367	3.367	5,829,947
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	116,266			116,266	5.728	5.728	6,660,001
	TOTAL		311,235	0	0	311,235	4.489	4.489	13,971,663
Jan-17	OTHER	--	0			0	0.000	0.000	0
THRU	Osprey (Calpine)	--	5,972			5,972	5.018	5.018	299,687
Jun-17	SHADY HILLS	--	225,373			225,373	5.659	5.659	12,753,918
	SOCO Franklin	--	593,123			593,123	3.440	3.440	20,403,632
	SOCO Scherer	--	0			0	0.000	0.000	(82,504)
	Vandolah (NSG)	--	495,854			495,854	5.739	5.739	28,457,844
	TOTAL		1,320,322	0	0	1,320,322	4.683	4.683	61,832,577

Duke Energy Florida, LLC
 Purchased Power
 (Exclusive of Economy & QF Purchases)
 Estimated for the Period of : January through December 2017

(1) MONTH	(2) NAME OF PURCHASE	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR OTHER UTILITIES	(6) MWH FOR INTERRUPTIBLE	(7) MWH FOR FIRM	(8) C/KWH		(9) TOTAL \$ FOR FUEL ADJ (7) x (8)(B)
							(A) FUEL COST	(B) TOTAL COST	
Jul-17	OTHER	--	0			0	0.000	0.000	0
Est	Osprey (Calpine)	--	0			0	0.000	0.000	0
	SHADY HILLS	--	22,570			22,570	4.745	4.745	1,070,999
	SOCO Franklin	--	143,699			143,699	3.084	3.084	4,431,238
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	97,666			97,666	5.159	5.159	5,038,746
	TOTAL		263,934	0	0	263,934	3.994	3.994	10,540,983
Aug-17	OTHER	--	0			0	0.000	0.000	0
Est	Osprey (Calpine)	--	0			0	0.000	0.000	0
	SHADY HILLS	--	11,206			11,206	4.864	4.864	545,130
	SOCO Franklin	--	143,944			143,944	3.109	3.109	4,475,573
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	91,364			91,364	5.213	5.213	4,762,519
	TOTAL		246,515	0	0	246,515	3.969	3.969	9,783,222
Sep-17	OTHER	--	0			0	0.000	0.000	0
Est	Osprey (Calpine)	--	0			0	0.000	0.000	0
	SHADY HILLS	--	10,116			10,116	4.864	4.864	492,014
	SOCO Franklin	--	129,937			129,937	3.107	3.107	4,037,597
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	82,809			82,809	5.309	5.309	4,396,567
	TOTAL		222,863	0	0	222,863	4.005	4.005	8,926,178
Oct-17	OTHER	--	0			0	0.000	0.000	0
Est	Osprey (Calpine)	--	0			0	0.000	0.000	0
	SHADY HILLS	--	8,050			8,050	5.579	5.579	449,063
	SOCO Franklin	--	119,573			119,573	3.110	3.110	3,719,284
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	101,423			101,423	5.923	5.923	6,007,739
	TOTAL		229,046	0	0	229,046	4.443	4.443	10,176,086
Nov-17	OTHER	--	0			0	0.000	0.000	0
Est	Osprey (Calpine)	--	0			0	0.000	0.000	0
	SHADY HILLS	--	7,874			7,874	5.873	5.873	462,409
	SOCO Franklin	--	82,234			82,234	3.165	3.165	2,602,983
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	46,650			46,650	6.262	6.262	2,921,176
	TOTAL		136,758	0	0	136,758	4.377	4.377	5,986,568
Dec-17	OTHER	--	0			0	0.000	0.000	0
Est	Osprey (Calpine)	--	0			0	0.000	0.000	0
	SHADY HILLS	--	602			602	7.596	7.596	45,725
	SOCO Franklin	--	27,993			27,993	3.408	3.408	954,054
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	4,756			4,756	7.268	7.268	345,671
	TOTAL		33,351	0	0	33,351	4.034	4.034	1,345,450
Jan-17	OTHER	--	0			0	0.000	0.000	0
THRU	Osprey (Calpine)	--	5,972			5,972	5.018	5.018	299,687
Dec-17	SHADY HILLS	--	285,791			285,791	5.535	5.535	15,819,258
	SOCO Franklin	--	1,240,504			1,240,504	3.275	3.275	40,624,361
	SOCO Scherer	--	0			0	0.000	0.000	(82,504)
	Vandolah (NSG)	--	920,523			920,523	5.641	5.641	51,930,262
TOTAL			2,452,789	0	0	2,452,789	4.427	4.427	108,591,064

Duke Energy Florida, LLC
 Energy Payments to Qualifying Facilities
 Estimated for the Period of : January through December 2017

(1) MONTH	(2) NAME OF PURCHASE	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR OTHER UTILITIES	(6) MWH FOR INTERRUPTIBLE	(7) MWH FOR FIRM	(8) C/KWH		(9) TOTAL \$ FOR FUEL ADJ (7) x (8)(A)
							(A) ENERGY COST	(B) TOTAL COST	
Jan-17 Act	QUAL. FACILITIES	COGEN	301,021			301,021	4.527	12.513	13,627,016
Feb-17 Act	QUAL. FACILITIES	COGEN	285,360			285,360	4.369	12.608	12,466,965
Mar-17 Act	QUAL. FACILITIES	COGEN	258,994			258,994	4.079	13.165	10,563,523
Apr-17 Act	QUAL. FACILITIES	COGEN	171,537			171,537	4.768	18.500	8,178,273
May-17 Act	QUAL. FACILITIES	COGEN	290,508			290,508	4.658	12.761	13,530,431
Jun-17 Act	QUAL. FACILITIES	COGEN	294,450			294,450	4.372	12.457	12,874,239
Jul-17 Est	QUAL. FACILITIES	COGEN	309,235			309,235	4.510	12.263	13,947,559
Aug-17 Est	QUAL. FACILITIES	COGEN	305,461			305,461	4.511	12.359	13,779,054
Sep-17 Est	QUAL. FACILITIES	COGEN	292,385			292,385	4.516	12.715	13,202,773
Oct-17 Est	QUAL. FACILITIES	COGEN	252,398			252,398	4.526	14.024	11,422,607
Nov-17 Est	QUAL. FACILITIES	COGEN	267,255			267,255	4.204	13.175	11,236,172
Dec-17 Est	QUAL. FACILITIES	COGEN	311,906			311,906	4.351	12.038	13,571,718
TOTAL	QUAL. FACILITIES	COGEN	3,340,511			3,340,511	4.442	12.999	148,400,332

Duke Energy Florida, LLC
 Economy Energy Purchases
 Estimated for the Period of : January through December 2017

(1) MONTH	(2) PURCHASE	(3) TYPE & SCHED	(4) TOTAL MWH PURCHASED	(5) TRANSACTION COST		(6) TOTAL \$ FOR FUEL ADJ (4) x (5)	(7) COST IF GENERATED		(8) FUEL SAVINGS (8)(B) - (7)
				ENERGY COST C/KWH	TOTAL COST C/KWH		(A) C/KWH	(B) \$	
Jan-17	ECONPURCH	--	5,977	3.333	3.333	199,213	3.804	227,356	28,144
Act	SEPA	--	0	0.000	0.000	0	0.000	0	0
TOTAL			5,977	3.333	3.333	199,213	3.804	227,356	28,144
Feb-17	ECONPURCH	--	18,240	2.374	2.374	433,012	2.941	536,419	103,406
Act	SEPA	--	212	3.770	3.770	7,992	3.770	7,992	0
TOTAL			18,452	2.390	2.390	441,004	2.950	544,410	103,406
Mar-17	ECONPURCH	--	41,431	3.419	3.419	1,416,472	4.392	1,819,843	403,372
Act	SEPA	--	1,200	3.857	3.857	46,281	3.857	46,281	0
TOTAL			42,631	3.431	3.431	1,462,753	4.377	1,866,124	403,372
Apr-17	ECONPURCH	--	59,409	4.248	4.248	2,523,423	6.426	3,817,850	1,294,427
Act	SEPA	--	4,212	3.926	3.926	165,351	3.926	146,160	(19,191)
TOTAL			63,621	4.226	4.226	2,688,774	6.231	3,964,010	1,275,236
May-17	ECONPURCH	--	10,456	3.782	3.782	395,433	5.315	555,733	160,299
Act	SEPA	--	58	2.150	2.150	1,247	2.150	23,199	21,952
TOTAL			10,514	3.773	3.773	396,680	5.506	578,932	182,251
Jun-17	ECONPURCH	--	10,783	3.554	3.554	383,266	4.203	453,248	69,982
Act	SEPA	--	649	3.769	3.769	24,465	3.769	24,465	0
TOTAL			11,432	3.567	3.567	407,730	4.179	477,713	69,982
Jan-17 THRU Jun-17	ECONPURCH	--	146,296	3.658	3.658	5,350,819	5.065	7,410,449	2,059,631
	SEPA	--	6,331	3.875	3.875	245,335	3.875	248,096	2,761
TOTAL			152,627	3.667	3.667	5,596,154	5.018	7,658,545	2,062,391

Duke Energy Florida, LLC
Economy Energy Purchases
Estimated for the Period of : January through December 2017

(1) MONTH	(2) PURCHASE	(3) TYPE & SCHED	(4) TOTAL MWH PURCHASED	(5) TRANSACTION COST		(6) TOTAL \$ FOR FUEL ADJ (4) x (5)	(8) COST IF GENERATED		(9) FUEL SAVINGS (8)(B) - (7)
				ENERGY COST C/KWH	TOTAL COST C/KWH		(A) C/KWH	(B) \$	
Jul-17	ECONPURCH	--	2,780	5.181	5.181	144,049	6.619	184,011	39,962
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
TOTAL			2,780	5.181	5.181	144,049	6.619	184,011	39,962
Aug-17	ECONPURCH	--	2,624	7.161	7.161	187,883	9.148	240,006	52,123
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
TOTAL			2,624	7.161	7.161	187,883	9.148	240,006	52,123
Sep-17	ECONPURCH	--	3,232	5.174	5.174	167,214	6.610	213,609	46,395
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
TOTAL			3,232	5.174	5.174	167,214	6.610	213,609	46,395
Oct-17	ECONPURCH	--	5,645	5.143	5.143	290,334	6.570	370,861	80,527
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
TOTAL			5,645	5.143	5.143	290,334	6.570	370,861	80,527
Nov-17	ECONPURCH	--	4,246	4.160	4.160	176,634	5.314	225,619	48,985
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
TOTAL			4,246	4.160	4.160	176,634	5.314	225,619	48,985
Dec-17	ECONPURCH	--	3,076	3.701	3.701	113,827	4.727	145,406	31,579
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
TOTAL			3,076	3.701	3.701	113,827	4.727	145,406	31,579
Jan-17	ECONPURCH	--	167,898	3.830	3.830	6,430,760	5.235	8,789,961	2,359,202
THRU	SEPA	--	6,331	3.875	3.875	245,335	3.919	248,096	2,761
Dec-17									
TOTAL			174,229	3.832	3.832	6,676,095	5.187	9,038,057	2,361,962

Duke Energy Florida, LLC
 Capital Structure and Cost Rates Applied to Capital Projects
 Estimated for the Period of : January through June 2017

	Adjusted Retail \$000's	Ratio	Cost Rate	Weighted Cost
Common Equity	\$ 4,664,905	46.35%	10.50%	4.87%
Preferred Stock	-	0.00%	0.00%	0.00%
Long Term Debt	3,327,189	33.06%	5.47%	1.81%
Short Term Debt	373,704	3.71%	0.58%	0.02%
Customer Deposits - Active	182,948	1.82%	2.30%	0.04%
Customer Deposits - Inactive	1,367	0.01%	0.00%	0.00%
Deferred Tax	1,674,675	16.64%	0.00%	0.00%
Deferred Tax (FAS 109)	(161,369)	-1.60%	0.00%	0.00%
ITC	223	0.00%	0.00%	0.00%
	<u>10,063,642</u>	<u>95.54%</u>		<u>6.74%</u>

Total Debt 1.87%
 Total Equity 4.87%

* May 2016 DEF Surveillance Report capital structure and cost rates.

* Reference: Docket Nos. 120001-EG, 120002-EI, 120007-EI, PSC Order No. 12-0425-PAA-EU, page 8.

* Included for Informational purposes only. DEF 2017 Actual/Estimated True-up Filing does not currently include a capital return component.

Duke Energy Florida, LLC
 Capital Structure and Cost Rates Applied to Capital Projects
 Estimated for the Period of : July through December 2017

	Adjusted Retail \$000's	Ratio	Cost Rate	Weighted Cost
Common Equity	\$ 4,711,485	44.73%	10.50%	4.70%
Preferred Stock	-	0.00%	0.00%	0.00%
Long Term Debt	3,931,532	37.33%	5.29%	1.97%
Short Term Debt	102,875	0.98%	0.21%	0.00%
Customer Deposits - Active	191,025	1.81%	2.26%	0.04%
Customer Deposits - Inactive	1,455	0.01%	0.00%	0.00%
Deferred Tax	1,772,933	16.83%	0.00%	0.00%
Deferred Tax (FAS 109)	(180,391)	-1.71%	0.00%	0.00%
ITC	1,968	0.02%	0.00%	0.00%
	<u>10,532,883</u>	<u>100.00%</u>		<u>6.71%</u>

Total Debt 2.02%
 Total Equity 4.70%

* May 2017 DEF Surveillance Report capital structure and cost rates.

* Reference: Docket Nos. 120001-EG, 120002-EI, 120007-EI, PSC Order No. 12-0425-PAA-EU, page 8.

* Included for Informational purposes only. DEF 2017 Actual/Estimated True-up Filing does not currently include a capital return component.

DUKE ENERGY FLORIDA, LLC
Capacity Cost Recovery
Actual / Estimated True-Up
January through December 2017

Schedule E12-A – Purchased Power Capacity Cost (Projected)

Schedule E12-B – Purchased Power Capacity Cost (Re-Projected)

Schedule E12-C – Variance Analysis (Re-projected vs. Projected)

	EST Jan-17	EST Feb-17	EST Mar-17	EST Apr-17	EST May-17	EST Jun-17	EST Jul-17	EST Aug-17	EST Sep-17	EST Oct-17	EST Nov-17	EST Dec-17	TOTAL
1 Base Production Level Capacity Costs													
2 Orange Cogen (ORANGE CO)	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	60,858,768
3 Orlando Cogen Limited (ORLACOGL)	5,102,803	5,102,803	5,102,803	5,102,803	5,102,803	5,102,803	5,102,803	5,102,803	5,102,803	5,102,803	5,102,803	5,102,803	61,233,636
4 Pasco County Resource Recovery (PASCOUNT)	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	21,417,600
5 Pinellas County Resource Recovery (PINCOUNT)	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	50,983,200
6 Polk Power Partners, L.P. (MULBERRY/ROYSTER)	6,965,674	6,965,674	6,965,674	6,965,674	6,965,674	6,965,674	6,965,674	6,965,674	6,965,674	6,965,674	6,965,674	6,965,674	83,588,088
7 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	800,946	800,946	800,946	800,946	800,946	800,946	800,946	800,946	800,946	800,946	800,946	800,946	9,611,352
8 Subtotal - Base Level Capacity Costs	23,974,387	23,974,387	23,974,387	23,974,387	23,974,387	23,974,387	23,974,387	23,974,387	23,974,387	23,974,387	23,974,387	23,974,387	287,692,644
9 Base Production Jurisdictional Responsibility	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	
10 Base Level Jurisdictional Capacity Costs	22,268,609	22,268,608	22,268,608	22,268,608	22,268,608	22,268,609	22,268,609	22,268,609	22,268,609	22,268,609	22,268,609	22,268,609	267,223,307
11 Intermediate Production Level Capacity Costs													
12 Southern Franklin	4,565,768	4,565,768	2,682,208	2,682,208	2,951,288	5,158,612	6,250,556	6,250,556	4,612,640	2,701,738	2,701,738	3,520,696	48,643,776
13 Schedule H Capacity Sales - NSB & RCID	-	-	-	-	-	-	-	-	-	-	-	-	-
14 Subtotal - Intermediate Level Capacity Costs	4,565,768	4,565,768	2,682,208	2,682,208	2,951,288	5,158,612	6,250,556	6,250,556	4,612,640	2,701,738	2,701,738	3,520,696	48,643,776
15 Intermediate Production Jurisdictional Responsibility	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	
16 Intermediate Level Jurisdictional Capacity Costs	3,319,450	3,319,450	1,950,046	1,950,046	2,145,676	3,750,466	4,544,342	4,544,342	3,353,528	1,964,245	1,964,245	2,559,652	35,365,485
17 Peaking Production Level Capacity Costs													
18 Shady Hills	1,970,868	1,970,868	1,407,765	1,365,741	1,912,038	3,887,109	3,887,109	3,887,109	1,813,983	1,365,741	1,365,741	1,970,868	26,804,940
19 Vandolah (NSG)	2,777,276	2,792,868	2,001,752	1,979,480	2,699,316	5,565,668	5,548,960	5,504,412	2,634,348	1,940,500	1,985,048	2,792,868	38,222,496
20 Other	-	-	-	-	-	-	-	-	-	-	-	-	-
21 Subtotal - Peaking Level Capacity Costs	4,748,144	4,763,736	3,409,517	3,345,221	4,611,354	9,452,777	9,436,069	9,391,521	4,448,331	3,306,241	3,350,789	4,763,736	65,027,436
22 Peaking Production Jurisdictional Responsibility	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	
23 Peaking Level Jurisdictional Capacity Costs	4,554,610	4,569,566	3,270,545	3,208,870	4,423,395	9,067,482	9,051,455	9,008,723	4,267,017	3,171,479	3,214,211	4,569,566	62,376,918
24 Other Capacity Costs													
25 Retail Wheeling	(16,864)	(12,365)	(12,240)	(16,811)	(12,857)	(10,518)	(6,207)	(9,772)	(4,627)	(4,427)	(27,535)	(10,464)	(144,689)
26 RRSSA Second Amendment ¹													
27 Batch-19 Nuclear Fuel ²													
28 Total Other Capacity Costs													
29													
30 Total Capacity Costs (line 10+16+23+28)	31,918,164	31,933,653	29,261,390	29,191,180	30,601,326	36,848,579	37,626,777	37,576,516	31,645,178	29,156,593	29,172,254	31,079,186	386,010,796
31 Actual/Estimated True-Up Provision - Jan - Dec 2016													(14,665,234)
32 Total Capacity Costs w/ True-Up													371,345,562
33 Revenue Tax Multiplier													1.00072
34 Total Recoverable Capacity Costs													371,612,930
35													
36 Nuclear Cost Recovery Clause													51,700,333
37 Revenue Tax Multiplier													1.00072
38 Total Recoverable Nuclear Costs													51,737,557
39													
40 ISFSI Revenue Requirement ³													5,283,567
41 Revenue Tax Multiplier													1.00072
42 Total Recoverable ISFSI Costs													5,287,371
43													
44 Total Recov Capacity & Nuclear Costs (line 34+38+42)													428,637,858

¹ Approved in Commission Order No. PSC-16-0138-FOF-EI

² Approved in Commission Order No. PSC-15-0465-S-EI

³ Approved in Commission Order No. PSC-16-0425-PAA-EI

	ACT Jan-17	ACT Feb-17	ACT Mar-17	ACT Apr-17	ACT May-17	ACT Jun-17	EST Jul-17	EST Aug-17	EST Sep-17	EST Oct-17	EST Nov-17	EST Dec-17	TOTAL
1 Base Production Level Capacity Costs													
2 Orange Cogen (ORANGE CO)	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	60,858,764
3 Orlando Cogen Limited (ORLACOGL)	5,102,804	5,102,804	5,102,804	5,102,804	5,089,383	5,094,138	5,102,803	5,102,803	5,102,803	5,102,803	5,102,803	5,102,803	61,211,555
4 Pasco County Resource Recovery (PASCOUNT)	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	21,417,600
5 Pinellas County Resource Recovery (PINCOUNT)	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	50,983,200
6 Polk Power Partners, L.P. (MULBERRY/ROYSTER)	6,733,888	6,656,139	6,675,150	6,669,159	6,662,563	6,900,122	6,965,674	6,965,674	6,965,674	6,965,674	6,965,674	6,965,674	82,091,068
7 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	1,097,143	646,573	648,924	678,961	684,116	705,834	800,946	800,946	800,946	800,946	800,946	800,946	9,267,226
8 US EcoGen	-	-	-	(3,000)	(90,000)	(93,000)	-	-	-	-	-	-	(186,000)
9 Calpine Osprey	92,394	-	-	-	-	-	-	-	-	-	-	-	92,394
10 Subtotal - Base Level Capacity Costs	24,131,193	23,510,479	23,531,842	23,552,887	23,451,026	23,712,058	23,974,387	23,974,387	23,974,387	23,974,387	23,974,387	23,974,387	285,735,807
11 Base Production Jurisdictional Responsibility	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	
12 Base Level Jurisdictional Capacity Costs	22,414,258	21,837,709	21,857,551	21,877,099	21,782,485	22,024,945	22,268,609	22,268,609	22,268,609	22,268,609	22,268,609	22,268,609	265,405,704
13 Intermediate Production Level Capacity Costs													
14 Southern Franklin	4,485,507	4,630,269	2,673,583	2,669,458	2,955,813	6,057,918	6,260,918	6,260,918	4,623,002	2,712,100	2,712,100	3,531,058	49,572,645
15 Schedule H Capacity Sales - NSB & RCID	-	-	-	-	-	-	-	-	-	-	-	-	-
16 Subtotal - Intermediate Level Capacity Costs	4,485,507	4,630,269	2,673,583	2,669,458	2,955,813	6,057,918	6,260,918	6,260,918	4,623,002	2,712,100	2,712,100	3,531,058	49,572,645
17 Intermediate Production Jurisdictional Responsibility	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	
18 Intermediate Level Jurisdictional Capacity Costs	3,261,098	3,366,345	1,943,775	1,940,776	2,148,965	4,404,288	4,551,875	4,551,875	3,361,061	1,971,778	1,971,778	2,567,185	36,040,800
19 Peaking Production Level Capacity Costs													
20 Shady Hills	1,954,260	1,954,260	1,395,900	1,374,300	1,924,020	3,912,300	3,856,015	3,856,015	1,799,474	1,354,816	1,354,816	1,955,104	26,691,280
21 Vandolah (NSG)	2,924,309	2,889,528	1,965,274	1,943,845	2,795,467	5,785,430	5,539,623	5,495,150	2,629,977	1,937,310	1,981,783	2,788,227	38,675,923
22 Other	-	-	-	-	-	-	-	-	-	-	-	-	-
23 Subtotal - Peaking Level Capacity Costs	4,878,569	4,843,788	3,361,174	3,318,145	4,719,487	9,697,730	9,395,638	9,351,165	4,429,451	3,292,126	3,336,599	4,743,331	65,367,203
24 Peaking Production Jurisdictional Responsibility	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	
25 Peaking Level Jurisdictional Capacity Costs	4,679,718	4,646,355	3,224,173	3,182,897	4,527,121	9,302,450	9,012,672	8,970,012	4,248,907	3,157,939	3,200,600	4,549,993	62,702,836
26 Other Capacity Costs													
27 Retail Wheeling	(23,615)	(2,605)	(13,552)	(1,023)	(49,903)	(27)	(24,689)	(20,202)	(4,376)	(2,342)	(12,596)	(17,124)	(172,054)
28 RRSSA Second Amendment ¹													
29 Batch-19 Nuclear Fuel ²													
30 ASC Servicing Fees ³													
31 Total Other Capacity Costs	1,768,743	1,785,790	1,770,879	1,779,445	1,726,601	1,772,514	1,447,620	1,744,413	1,756,275	1,754,346	1,740,128	1,674,699	20,721,452
32 Total Capacity Costs (Line 12+18+25+ 31)	32,123,817	31,636,198	28,796,378	28,780,217	30,185,172	37,504,198	37,280,776	37,534,909	31,634,852	29,152,673	29,181,116	31,060,486	384,870,792
33 Nuclear Cost Recovery Clause													
34 Levy Costs	-	-	-	-	-	-	-	-	-	-	-	-	-
35 CR3 Uprate Costs	4,459,192	4,431,769	4,404,346	4,376,920	4,349,497	4,322,073	4,294,649	4,267,226	4,239,801	4,212,377	4,184,953	4,157,530	51,700,333
36 Total Recoverable Nuclear Costs	4,459,192	4,431,769	4,404,346	4,376,920	4,349,497	4,322,073	4,294,649	4,267,226	4,239,801	4,212,377	4,184,953	4,157,530	51,700,333
37													
38 ISFSI Revenue Requirement ⁴	-	-	-	-	-	-	697,042	710,787	766,141	770,260	771,297	772,653	4,488,180
39													
40 Total Recov Capacity & Nuclear Costs (Line 32+36+38)	36,583,010	36,067,968	33,200,724	33,157,137	34,534,669	41,826,271	42,272,467	42,512,921	36,640,795	34,135,309	34,137,366	35,990,669	441,059,305
41 Capacity Revenues													
42 Capacity Cost Recovery Revenues (net of tax)	28,519,282	29,627,699	28,061,262	31,308,667	35,187,257	38,498,070	41,005,606	42,944,849	41,950,646	38,649,455	32,526,800	30,799,664	419,079,255
43 Prior Period True-Up Provision Over/(Under) Recovery	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	14,665,234
44 Current Period Revenues (net of tax)	29,741,384	30,849,802	29,283,365	32,530,770	36,409,359	39,720,172	42,227,709	44,166,952	43,172,749	39,871,557	33,748,903	32,021,766	433,744,489
45 True-Up Provision													
46 True-Up Provision - Over/(Under) Recov (Line 44-40)	(6,841,625)	(5,218,166)	(3,917,359)	(626,366)	1,874,691	(2,106,099)	(44,758)	1,654,030	6,531,954	5,736,248	(388,463)	(3,968,903)	(7,314,816)
47 Interest Provision for the Month	7,805	3,244	(128)	(2,766)	(3,217)	(4,786)	(3,641)	(3,459)	(1,203)	715	31	(2,175)	(9,581)
48 Current Cycle Balance - Over/(Under)	(6,833,820)	(12,048,743)	(15,966,230)	(16,595,363)	(14,723,889)	(16,834,773)	(16,883,172)	(15,232,600)	(8,701,850)	(2,964,887)	(3,353,319)	(7,324,397)	(7,324,397)
49 Prior Period Balance - Over/(Under) Recovered	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292
50 Prior Period Cumulative True-Up Collected/(Refunded)	(1,222,103)	(2,444,206)	(3,666,309)	(4,888,411)	(6,110,514)	(7,332,617)	(8,554,720)	(9,776,823)	(10,998,926)	(12,221,028)	(13,443,131)	(14,665,234)	(14,665,234)
51 Prior Period True-up Balance - Over/(Under)	15,646,189	14,424,086	13,201,983	11,979,880	10,757,777	9,535,675	8,313,572	7,091,469	5,869,366	4,647,263	3,425,160	2,203,058	2,203,058
52 Net Capacity True-up Over/(Under) (Line 48+51)	\$8,812,368	\$2,375,343	(\$2,764,247)	(\$4,615,482)	(\$3,966,111)	(\$7,299,099)	(\$8,569,600)	(\$8,141,131)	(\$2,832,483)	\$1,682,376	\$71,841	(\$5,121,339)	(\$5,121,339)

¹ Approved in Commission Order No. PSC-16-0138-FOF-EI

² Approved in Commission Order No. PSC-15-0465-S-EI

³ Approved in Commission Order No. PSC-15-0537-FOF-EI

⁴ Approved in Commission Order No. PSC-16-0425-PAA-EI

Contract Data:

	Name	Start Date	Expiration Date	Type	Purchase/Sale	MW
1	Orlando Cogen Limited (ORLACOGL)	Sep-93	Dec-23	QF	Purch	115.00
2	Orange Cogen (ORANGECO)	Jul-95	Dec-25	QF	Purch	104.00
3	Pasco County Resource Recovery (PASCOUNT)	Jan-95	Dec-24	QF	Purch	23.00
4	Pinellas County Resource Recovery (PINCOUNT)	Jan-95	Dec-24	QF	Purch	54.75
5	Polk Power Partners, L. P. (MULBERRY/ROYSTER)	Aug-94	Aug-24	QF	Purch	115.00
6	Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	Aug-94	Dec-23	QF	Purch	39.60
7	Florida Power Development	May-14	May-34	QF	Purch	60.00
8	Southern - Franklin	Jun-16	May-21	Other	Purch	424.00
9	Schedule H Capacity - New Smyrna Beach	Nov-85	see note (1)	Other	Sale	1.00
10	Chattahoochee	Jan-03	Dec-17	Other	Purch	5.25
11	Vandolah (NSG)	Jun-12	May-27	Other	Puch	655.00
12	Shady Hills Tolling Agreement	Apr-07	Apr-24	Other	Purch	515.00
13	Calpine Osprey	Oct-14	Jan-17	Other	Purch	599.00

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

	Re-Projection Total	Original Projection Total	Variance Total
1 Capacity Revenues			
2 Capacity Cost Recovery Revenues (net of tax)	\$419,079,255	\$428,329,461	(\$9,250,206)
3 Prior Period True-Up Provision Over/(Under) Recovery	14,665,234	14,665,234	0
4 Current Period Revenues (net of tax)	433,744,489	442,994,695	(9,250,206)
6 Capacity Costs			
7 Base Production Level Capacity Costs			
8 Orange Cogen (ORANGECO)	60,858,764	60,858,768	(4)
9 Orlando Cogen Limited (ORLACOGL)	61,211,555	61,233,636	(22,081)
10 Pasco County Resource Recovery (PASCOUNT)	21,417,600	21,417,600	0
11 Pinellas County Resource Recovery (PINCOUNT)	50,983,200	50,983,200	0
12 Polk Power Partners, L.P. (MULBERRY/ROYSTER)	82,091,068	83,588,088	(1,497,020)
13 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	9,267,226	9,611,352	(344,126)
14 US EcoGen	(186,000)	0	(186,000)
15 Calpine Osprey	92,394	0	92,394
16 Subtotal - Base Level Capacity Costs	285,735,807	287,692,644	(1,956,837)
17 Base Production Jurisdictional Responsibility	92.885%	92.885%	0.000%
18 Base Level Jurisdictional Capacity Costs	265,405,704	267,223,307	(1,817,603)
20 Intermediate Production Level Capacity Costs			
21 Southern - Franklin	49,572,645	48,643,776	928,869
22 Schedule H Capacity Sales - NSB & RCID	0	0	0
23 Subtotal - Intermediate Level Capacity Costs	49,572,645	48,643,776	928,869
24 Intermediate Production Jurisdictional Responsibility	72.703%	72.703%	0.000%
25 Intermediate Level Jurisdictional Capacity Costs	36,040,800	35,365,485	675,315
27 Peaking Production Level Capacity Costs			
28 Shady Hills	26,691,280	26,804,940	(113,660)
29 Vandolah (NSG)	38,675,923	38,222,496	453,427
30 Subtotal - Peaking Level Capacity Costs	65,367,203	65,027,436	339,767
31 Peaking Production Jurisdictional Responsibility	95.924%	95.924%	0.000%
32 Peaking Level Jurisdictional Capacity Costs	62,702,836	62,376,918	325,918
34 Other Capacity Costs			
35 Retail Wheeling	(172,054)	(144,689)	(27,365)
36 RRSSA Second Amendment	[REDACTED]	[REDACTED]	[REDACTED]
37 Batch-19 Nuclear Fuel	[REDACTED]	[REDACTED]	[REDACTED]
38 ASC Servicing Fees	(296,269)	0	(296,269)
39 Other Jurisdictional Capacity Costs	20,721,452	(144,689)	20,866,141
41 Subtotal Jurisdictional Capacity Costs (Line 18+25+32+39)	384,870,792	364,821,021	20,049,771
43 Nuclear Cost Recovery Clause Costs			
44 Levy Costs	0	0	0
45 CR3 Uprate Costs	51,700,333	51,700,333	0
46 Total NCRC Costs - Order No. PSC-16-0547-FOF-EI	51,700,333	51,700,333	0
48 ISFSI Revenue Requirement	4,488,180	5,283,567	(795,387)
50 Total Jurisdictional Capacity Costs (Line 41+46+48)	441,059,305	421,804,921	19,254,384
52 True-Up Provision			
53 True-Up Provision - Over/(Under) Recov (Line 4-50)	(7,314,816)	0	(7,314,816)
54 Interest Provision for the Month	(9,581)	0	(9,581)
55 Current Cycle Balance - Over/(Under)	(7,324,397)	0	(7,324,397)
57 Prior Period Balance - Over/(Under) Recovered	16,868,292	14,665,234	2,203,058
58 Prior Period Cumulative True-Up Collected/(Refunded)	(14,665,234)	(14,665,234)	0
59 Prior Period True-up Balance - Over/(Under)	2,203,058	0	2,203,058
61 Net Capacity True-up Over/(Under) (Line 55+59)	(\$5,121,339)	\$0	(\$5,121,339)