



Matthew R. Bernier
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Duke Energy Florida, LLC.

August 4, 2016

VIA ELECTRONIC FILING

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

Re: *Fuel and purchased power cost recovery clause with generating performance incentive factor; Docket No. 160001-EI*

Dear Ms. Stauffer:

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 2016 through December 2016. 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 2016 through December 2016; 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
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MRB/mw
Enclosures

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and Purchase Power : DOCKET NO. 160001-EI
Cost Recovery Clause with Generating :
Performance Incentive Factor : Filed: August 04, 2016

**PETITION FOR APPROVAL OF FUEL COST RECOVERY AND CAPACITY COST
RECOVERY ACTUAL/ESTIMATED TRUE-UP FOR THE PERIOD
JANUARY 2016 THROUGH DECEMBER 2016**

Duke Energy Florida, LLC (“DEF”) hereby petitions the Commission for approval of its actual/estimated Fuel and Purchased Power Cost Recovery True-Up of \$26,217,663 under-recovery, and approval of its actual/estimated Capacity Cost Recovery true-up of \$14,665,234 over-recovery for the period January 2016 through December 2016. 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 November 01 through 04, 2016.

2. The actual/estimated under-recovery of \$26,217,663 in the fuel cost recovery for the period January 2016 through December 2016 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 2016 and re-estimated data for the period July through December 2016. 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. DEF's total fuel under-recovery to be carried forward and included in the fuel factor for January through December 2017 is \$26,217,663. Per Commission Order No. PSC-16-0120-PCO-EI, issued on March 21, 2016, DEF is refunding the estimated 2016 Final True-up of \$116,588,896 in its Midcourse Correction fuel factors for the period April 2016 through December 2016.

4. The actual/estimated \$14,665,234 capacity over-recovery for the period January through December 2016 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 2016 and re-estimated data for the period July through December 2016. The supporting documentation is contained in the prepared direct testimony and exhibits of DEF witness Christopher A. Menendez.

5. DEF's net capacity over-recovery is \$14,665,234. Per Commission Order No. PSC-16-0120-PCO-EI, issued on March 21, 2016, DEF is collecting the 2016 Final True-Up of \$35,762,070 in its Midcourse Correction capacity factors for the period April 2016 through December 2016. Also included is \$56,469,745 of 2016 recoverable expenses associated with the CR3 Uprate project approved in Order No. PSC-15-0586-FOF-EI.

WHEREFORE, Duke Energy Florida, LLC respectfully requests the Commission to approve the \$26,217,663 under-recovery as the actual/estimated fuel cost recovery true-up amount for the period January through December 2016 and to approve the \$14,665,234 over-recovery as the actual/estimated capacity cost recovery true-up amount for the period January through December 2016.

Respectfully,

s/Matthew R. Bernier

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Attorneys for

DUKE ENERGY FLORIDA, LLC

Duke Energy Florida, LLC
Docket No.: 160001

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail this 4th day of August, 2016 to all parties of record as indicated below.

s/Matthew R. Bernier

Attorney

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1 **DUKE ENERGY FLORIDA**

2 **DOCKET No. 160001-EI**

3 **Fuel and Capacity Cost Recovery**
4 **Estimated/Actual True-Up Amounts**
5 **January through December 2016**

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

8 **August 4, 2016**

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. 160001-EI?**

16 A. Yes, I provided direct testimony on March 2, 2016.

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,
24 Duke Energy Florida's (DEF or the Company) estimated/actual fuel and

1 capacity cost recovery true-up amounts for the period of January through
2 December 2016.

3

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

5 A. Yes. I have prepared Exhibit No. ___ (CAM-2), which is attached to my
6 prepared testimony, consisting of two parts. Part 1 consists of
7 Schedules E1-B through E9, which include the calculation of the 2016
8 estimated/actual fuel and purchased power true-up balance and a
9 schedule to support the capital structure components and cost rates
10 relied upon to calculate the return requirements on all capital projects
11 recovered through the fuel clause as required per Order No. PSC-16-
12 0001-PCO-EI. Part 2 consists of Schedules E12-A through E12-C,
13 which include the calculation of the 2016 estimated/actual capacity true-
14 up balance. The calculations in my exhibit are based on actual data from
15 January through June 2016 and estimated data from July through
16 December 2016.

17

18

FUEL COST RECOVERY

19 **Q. What is the amount of DEF's 2016 estimated fuel true-up balance**
20 **and how was it developed?**

21 A. DEF's estimated fuel true-up balance is an under-recovery of
22 \$26,217,663. The calculation begins with the actual over-recovered
23 balance of \$40,239,626 taken from Schedule A2, page 2 of 2, line 13, for
24 the month of June 2016. This balance plus the estimated July through
25 December 2016 monthly true-up calculations comprise the estimated

1 \$26,217,663 under-recovered balance at year-end. The projected
2 December 2016 true-up balance includes interest which is estimated
3 from July through December 2016 based on the average of the
4 beginning and ending commercial paper rate applied in June. That rate
5 is 0.03% per month.

6

7 **Q. How does the current fuel price forecast for July through December**
8 **2016 compare with the same period forecast used in the Company's**
9 **2016 Midcourse filing approved in Order No. PSC-16-0120-PCO-EI?**

10 A. Natural gas costs increased \$0.04/mmbtu (1%), coal costs decreased
11 \$0.10/mmbtu (3%), and light oil increased \$4.32 /mmbtu (17%).

12

13 **Q. Have you made any adjustments to your estimated fuel costs for**
14 **the period July through December 2016?**

15 A. Yes, we made two adjustments totaling a net reduction of \$4,422,996.
16 We made an adjustment to reduce fuel costs by \$86,882 (grossed up to
17 \$87,366 from retail to system) for the amortization of interest on the
18 refund pursuant to the Revised and Restated Stipulation and Settlement
19 Agreement approved in Order No. PSC-13-0598-FOF-EI. Additionally,
20 DEF made an adjustment to remove the replacement power costs
21 associated with the current Hines Unit 4 outage until the investigation
22 into the cause of the outage is complete. This adjustment reduced fuel
23 costs by \$4,310,050 (grossed up to \$4,335,630 from retail to system).
24 These adjustments are included on Schedule E1-B (sheet 2), line A5,
25 from July – December 2016.

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Q. Were there any impacts to the 2016 Estimated/Actual filing associated with the 2013 Revised and Restated Stipulation and Settlement Agreement (RRSSA)?

A. Yes. Paragraphs 6.a and 6.b both impact the 2016 Estimated/Actual true-up balance. Paragraph 6.a requires DEF to refund to Residential and General Service Non-Demand customers \$10 million in 2016 through the Fuel Clause, allocated 94% to Residential customers and 6% to General Service Non-Demand customers. Paragraph 6.b requires DEF to refund to retail customers \$60 million in 2016 through the Fuel Clause.

Q. Have you included these impacts in your calculation of the 2016 Estimated/Actual true-up balance?

A. Yes.

Q. Please describe where the impact of paragraph 6.a is included in your schedules and how this is included in the Estimated/Actual true-up amount?

A. The 2016 Projection Filing, approved in Commission Order No. PSC-15-0586-FOF-EI, established the refund of the \$10 million through a reduction in 2016 fuel rates for Residential and General Service Non-Demand customers, which was also included in DEF's Midcourse Filing, approved in Commission Order No. PSC-16-0120-PCO-EI. The rate reduction is inherently reflected in the Jurisdictional Fuel Revenues

1 reported in Exhibit CAM-2, Part 1, Schedule E1-B (Sheets 1 & 2) on line
2 C.1. The refund of \$10 million is shown on line C.1c. This amount is
3 included in the 2016 fuel revenue applicable to period shown in line C.3
4 which is then used in the calculation of the total true-up balance (line
5 C.13).

6
7 **Q. Please describe where the impact of paragraph 6.b is included in**
8 **your schedules and how it is included in the Estimated/Actual true-**
9 **up amount?**

10 A. Exhibit CAM-2, Part 1, Schedule E1-B (Sheets 1 & 2) shows the refund
11 of \$60 million on line C.1a allocated evenly over the 12-month period.
12 This amount is included in the 2016 fuel revenue applicable to period
13 shown in line C.3 which is then used in the calculation of the total true-up
14 balance (line C.13).

15
16 **Q. Does DEF expect to exceed the three-year rolling average gain on**
17 **non-separated power sales in 2016?**

18 A. No, DEF estimates the total gain on non-separated sales during 2016 will
19 be \$585,247, which does not exceed the three-year rolling average of
20 \$2,880,457.

1 **Q. On May 25, 2016, an outage occurred at the Hines Combined Cycle**
2 **Plant. Has DEF included the replacement power costs resulting**
3 **from this outage into the 2016 Estimated/Actual True-Up filing?**

4 A. No, DEF has not included replacement power costs resulting from this
5 outage; the root cause analysis of the event is on-going and therefore it
6 is premature to incorporate this event into the fuel forecast.

7

8 **CAPACITY COST RECOVERY**

9 **Q. What is the amount of DEF's 2016 estimated capacity true-up**
10 **balance and how was it developed?**

11 A. DEF's estimated capacity true-up balance is an over-recovery of
12 \$14,665,234. The estimated true-up calculation begins with the actual
13 under-recovered balance of \$37,105,465 for the month of June 2016.
14 This balance plus the estimated July through December 2016 monthly
15 true-up calculations comprise the estimated \$14,665,234 over-recovered
16 balance at year-end. The projected December 2016 true-up balance
17 includes interest which is estimated from July through December 2016
18 based on the average of the beginning and ending commercial paper
19 rate applied in June. That rate is 0.03% per month.

20

21 **Q. What are the primary drivers of the estimated year-end 2016**
22 **capacity over-recovery?**

23 A. The \$14.7 million over-recovery is primarily attributable to higher than
24 projected capacity revenues of approximately \$7.3 million and lower than
25 projected capacity expenses of approximately \$7.4 million.

1 **Q. Has DEF included the nuclear cost recovery amounts approved in**
2 **Order No. PSC-15-0586-FOF-EI?**

3 A. Yes, DEF has included \$56,469,745 of 2016 recoverable expenses
4 associated with the CR-3 Uprate project.

5

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

7 A. Yes.

DUKE ENERGY FLORIDA
FUEL COST RECOVERY
ESTIMATED / ACTUAL TRUE-UP
JANUARY THROUGH DECEMBER 2016

Schedule E1-B – Calculation of Estimated True-up

Schedule RRSSA – Summary of RRSSA Adjustments

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)

CALCULATION OF ESTIMATED TRUE-UP
(6 MONTHS ACTUAL, 6 MONTHS ESTIMATED)
Duke Energy Florida
Estimated for the Period of : January through December 2016

	JAN ACTUAL	FEB ACTUAL	MAR ACTUAL	APR ACTUAL	MAY ACTUAL	JUN ACTUAL	6 MONTH SUB-TOTAL
A 1 Fuel Cost of System Generation	\$ 94,981,804	\$ 83,413,721	\$ 78,345,839	\$ 82,817,723	\$ 90,802,680	\$ 110,507,482	\$ 540,869,249
2 Fuel Cost of Power Sold	(2,691,656)	(1,345,614)	(1,423,831)	(2,132,788)	(1,895,385)	(4,198,390)	(13,687,665)
3 Fuel Cost of Purchased Power	4,937,035	6,217,173	14,421,739	20,084,233	32,818,134	31,608,698	110,087,011
3a Demand and Non-Fuel Cost of Purchased Power							-
3b Energy Payments to Qualified Facilities	8,284,310	9,432,944	9,730,163	7,658,173	10,499,028	10,232,952	55,837,571
4 Energy Cost of Economy Purchases	216,014	(55,757)	265,606	390,715	406,645	1,004,737	2,227,961
5 Adjustments to Fuel Cost	(24,885)	(26,759)	(31,140)	(30,128)	32,448	(21,508)	(101,972)
6 TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	<u>105,702,622</u>	<u>97,635,708</u>	<u>101,308,376</u>	<u>108,787,927</u>	<u>132,663,550</u>	<u>149,133,972</u>	<u>695,232,155</u>
B 1 Jurisdictional MWH Sales	2,772,355	2,712,018	2,687,916	2,710,583	3,189,901	3,609,509	17,682,282
2 Non-Jurisdictional MWH Sales	30,873	20,634	21,753	74,556	23,060	28,457	199,333
3 TOTAL SALES (Lines B1 + B2)	<u>2,803,228</u>	<u>2,732,653</u>	<u>2,709,669</u>	<u>2,785,139</u>	<u>3,212,961</u>	<u>3,637,966</u>	<u>17,881,616</u>
4 Jurisdictional % of Total Sales (Line B1/B3)	98.90%	99.24%	99.20%	97.32%	99.28%	99.22%	98.89%
C 1 Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	98,935,994	97,150,007	94,743,489	78,832,246	94,121,778	108,162,345	571,945,858
1a RRSSA Refund - \$60M	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	30,000,000
1b RRSSA Fuel Adjustment	-	-	-	-	-	-	-
1c RRSSA Refund - \$10M	833,333	833,333	833,333	833,333	833,333	833,333	5,000,000
2 True-Up Provision	6,560,919	6,560,919	6,560,919	10,764,480	10,764,480	10,764,480	51,976,199
2a Incentive Provision	717,816	717,816	717,816	717,816	717,816	717,816	4,306,896
3 FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	<u>112,048,062</u>	<u>110,262,076</u>	<u>107,855,558</u>	<u>96,147,876</u>	<u>111,437,408</u>	<u>125,477,974</u>	<u>663,228,953</u>
4 Fuel & Net Power Transactions (Line A6)	105,702,622	97,635,708	101,308,376	108,787,927	132,663,550	149,133,972	695,232,155
5 Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	<u>104,594,254</u>	<u>96,944,061</u>	<u>100,538,108</u>	<u>105,914,760</u>	<u>131,761,056</u>	<u>148,029,915</u>	<u>687,782,154</u>
6 Over/(Under) Recovery (Line C3 - Line C5)	7,453,809	13,318,014	7,317,449	(9,766,884)	(20,323,648)	(22,551,941)	(24,553,201)
7 Interest Provision	38,614	41,097	44,882	37,893	25,826	17,633	205,945
8 TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	<u>7,492,423</u>	<u>13,359,111</u>	<u>7,362,331</u>	<u>(9,728,990)</u>	<u>(20,297,822)</u>	<u>(22,534,308)</u>	<u>(24,347,255)</u>
9 Plus: Prior Period Balance	116,563,080	116,563,080	116,563,080	116,563,080	116,563,080	116,563,080	116,563,080
10 Plus: Cumulative True-Up Provision	(6,560,919)	(13,121,839)	(19,682,758)	(30,447,238)	(41,211,719)	(51,976,199)	(51,976,199)
11 Subtotal Prior Period True-up	110,002,161	103,441,241	96,880,322	86,115,842	75,351,361	64,586,881	64,586,881
12 Regulatory Accounting Adjustment	-	-	-	-	-	-	-
13 TOTAL TRUE-UP BALANCE	<u>\$117,494,583</u>	<u>124,292,775</u>	<u>\$125,094,187</u>	<u>\$104,600,716</u>	<u>\$73,538,414</u>	<u>\$40,239,626</u>	<u>40,239,626</u>

CALCULATION OF ESTIMATED TRUE-UP
(6 MONTHS ACTUAL, 6 MONTHS ESTIMATED)

Duke Energy Florida

Estimated for the Period of : January through December 2016

	JUL	AUG	SEPT	OCT	NOV	DEC	12 MONTH
	ESTIMATED	ESTIMATED	ESTIMATED	ESTIMATED	ESTIMATED	ESTIMATED	PERIOD
A 1 Fuel Cost of System Generation	\$ 104,953,817	\$ 107,346,359	\$ 104,419,313	\$ 98,063,519	\$ 83,543,398	\$ 92,467,952	\$ 1,131,663,607
2 Fuel Cost of Power Sold	(2,540,491)	(2,584,887)	(2,111,545)	(1,805,691)	(1,522,351)	(1,698,236)	(25,950,865)
3 Fuel Cost of Purchased Power	20,235,740	20,086,620	17,363,635	11,608,789	7,945,939	4,274,978	191,602,712
3a Demand and Non-Fuel Cost of Purchased Power							0
3b Energy Payments to Qualified Facilities	11,644,372	11,687,183	10,720,507	9,892,299	11,332,121	12,008,298	123,122,350
4 Energy Cost of Economy Purchases	285,457	315,966	252,602	470,078	462,356	268,909	4,283,329
5 Adjustments to Fuel Cost	(4,357,619)	(20,508)	(18,630)	(16,142)	(12,413)	2,316	(4,524,968)
6 TOTAL FUEL & NET POWER TRANSACTIONS	<u>130,221,276</u>	<u>136,830,734</u>	<u>130,625,882</u>	<u>118,212,851</u>	<u>101,749,050</u>	<u>107,324,217</u>	<u>1,420,196,164</u>
(Sum of Lines A1 Through A5)							
B 1 Jurisdictional MWH Sales	3,746,390	3,802,397	3,818,043	3,520,143	2,939,053	2,841,931	38,350,239
2 Non-Jurisdictional MWH Sales	22,211	24,219	21,223	18,003	12,892	17,383	315,264
3 TOTAL SALES (Lines B1 + B2)	<u>3,768,601</u>	<u>3,826,616</u>	<u>3,839,266</u>	<u>3,538,146</u>	<u>2,951,945</u>	<u>2,859,314</u>	<u>38,665,503</u>
4 Jurisdictional % of Total Sales (Line B1/B3)	99.41%	99.37%	99.45%	99.49%	99.56%	99.39%	99.18%
C 1 Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	111,627,849	113,309,102	113,778,746	104,836,277	87,392,895	84,477,439	1,187,368,166
1a RRSSA Refund - \$60M	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	60,000,000
1b RRSSA Fuel Adjustment	-	-	-	-	-	-	-
1c RRSSA Refund - \$10M	833,333	833,333	833,333	833,333	833,333	833,333	10,000,000
2 True-Up Provision	10,764,480	10,764,480	10,764,480	10,764,480	10,764,480	10,790,295	116,588,896
2a Incentive Provision	717,816	717,816	717,816	717,816	717,816	717,821	8,613,797
3 FUEL REVENUE APPLICABLE TO PERIOD	<u>128,943,479</u>	<u>130,624,732</u>	<u>131,094,376</u>	<u>122,151,906</u>	<u>104,708,525</u>	<u>101,818,889</u>	<u>1,382,570,859</u>
(Sum of Lines C1 Through C2a)							
4 Fuel & Net Power Transactions (Line A6)	130,221,276	136,830,734	130,625,882	118,212,851	101,749,050	107,324,217	1,420,196,164
5 Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	<u>129,504,751</u>	<u>136,023,087</u>	<u>129,959,403</u>	<u>117,657,009</u>	<u>101,341,875</u>	<u>106,712,207</u>	<u>1,408,980,487</u>
6 Over/(Under) Recovery (Line C3 - Line C5)	(561,273)	(5,398,356)	1,134,973	4,494,897	3,366,650	(4,893,319)	(26,409,628)
7 Interest Provision	10,719	6,461	2,466	2	(2,116)	(5,695)	217,781
8 TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	<u>(550,554)</u>	<u>(5,391,894)</u>	<u>1,137,438</u>	<u>4,494,899</u>	<u>3,364,533</u>	<u>(4,899,014)</u>	<u>(26,191,847)</u>
9 Plus: Prior Period Balance	116,563,080	116,563,080	116,563,080	116,563,080	116,563,080	116,563,080	116,563,080
10 Plus: Cumulative True-Up Provision	<u>(62,740,679)</u>	<u>(73,505,160)</u>	<u>(84,269,640)</u>	<u>(95,034,120)</u>	<u>(105,798,601)</u>	<u>(116,588,896)</u>	<u>(116,588,896)</u>
11 Subtotal Prior Period True-up	53,822,401	43,057,920	32,293,440	21,528,960	10,764,479	(25,816)	(25,816)
12 Regulatory Accounting Adjustment	-	-	-	-	-	-	-
13 TOTAL TRUE-UP BALANCE	<u>\$28,924,591</u>	<u>\$12,768,217</u>	<u>\$3,141,175</u>	<u>(\$3,128,407)</u>	<u>(\$10,528,354)</u>	<u>(\$26,217,663)</u>	<u>(\$26,217,663)</u>

COMPARISON OF ESTIMATED/ACTUAL VERSUS MIDCOURSE PROJECTIONS
 OF THE FUEL AND PURCHASED POWER COST RECOVERY FACTOR
 Duke Energy Florida
 Estimated for the Period of : January through December 2016

	DOLLARS				MWH				c/KWH			
	ESTIMATED/ ACTUAL	MIDCOURSE FILING	DIFFERENCE		ESTIMATED/ ACTUAL	MIDCOURSE FILING	DIFFERENCE		ESTIMATED/ ACTUAL	MIDCOURSE FILING	DIFFERENCE	
			AMOUNT	%			AMOUNT	%			AMOUNT	%
1 Fuel Cost of System Net Generation (E3)	1,131,663,607	1,136,982,595	(5,318,988)	0%	33,747,272	34,134,015	(386,743)	-1%	3.353	3.331	0.022	1%
2 Spent Nuclear Fuel Disposal Cost	0	0	-	0%			-	0%	0.000	0.000	0.000	0%
3 Coal Car Investment	0	0	-	0%			-	0%	0.000	0.000	0.000	0%
4 Adjustment to Fuel Cost	(4,524,968)	(124,894)	(4,400,074)	0%			-	0%	0.000	0.000	0.000	0%
5 TOTAL COST OF GENERATED POWER	1,127,138,639	1,136,857,701	(9,719,062)	-1%	33,747,272	34,134,015	(386,743)	-1%	3.340	3.331	0.009	0%
6 Energy Cost of Purchased Power (Excl. Econ & Cogens) (E7)	191,602,712	140,939,225	50,663,487	36%	5,316,530	3,841,283	1,475,246	38%	3.604	3.669	-0.065	-2%
7 Energy Cost of Economy Purchases (E9)	4,283,329	4,001,682	281,647	7%	96,026	84,439	11,588	14%	4.461	4.739	-0.279	-6%
8 Payments to Qualifying Facilities (E8)	123,122,350	142,117,899	(18,995,549)	-13%	3,138,818	3,382,599	(243,781)	-7%	3.923	4.201	-0.279	-7%
9 TOTAL COST OF PURCHASED POWER	319,008,391	287,058,806	31,949,585	11%	8,551,373	7,308,321	1,243,053	17%	3.730	3.928	-0.197	-5%
10 TOTAL AVAILABLE MWH (LINE 5 + LINE 9)			-		42,298,645	41,442,335	856,310	2%	0.000	0.000	0.000	0%
11 Fuel Cost of Economy Sales (E6)	(2,348,752)	(4,542,044)	2,193,292	-48%	(89,367)	(169,685)	80,318	-47%	2.628	2.677	-0.049	-2%
11a Gain on Economy Sales (E6)	(585,247)	(1,041,152)	455,905	-44%	(89,367)	(169,685)	80,318	-47%	0.655	0.614	0.041	7%
11b Gain on Economy Sales -20% (E6)	0	0	-	0%								
12 Fuel Cost of Stratified Sales (E6)	(23,016,866)	(20,139,925)	(2,876,941)	14%	(1,199,020)	(848,435)	(350,585)	41%	1.920	2.374	-0.454	-19%
13 TOTAL FUEL COST AND GAINS OF POWER SALES (LINES 11 + 11a + 12)	(25,950,865)	(25,723,121)	(227,744)	1%	(1,288,387)	(1,018,120)	(270,267)	27%	2.014	2.527	-0.512	-20%
14 Net Inadvertent Interchange					76,555		76,555					
15 TOTAL FUEL & NET POWER TRANSACTIONS (LINES 5 + 9 + 13 + 14)	1,420,196,164	1,398,193,386	22,002,779	2%	41,086,813	40,424,215	662,598	2%	3.457	3.459	-0.002	0%
16 Net Unbilled					(79,198)	(25,549)	(53,649)	210%	0.000	0.000	0.000	0%
17 Company Use					(154,278)	(144,000)	(10,278)	7%	0.000	0.000	0.000	0%
18 T & D Losses					(2,187,835)	(2,024,254)	(163,581)	8%	0.000	0.000	0.000	0%
19 SYSTEM MWH SALES	1,420,196,164	1,398,193,386	22,002,779	2%	38,665,503	38,230,412	435,091	1%	3.673	3.657	0.016	0%
20 Wholesale MWH Sales	(11,803,207)	(7,947,702)	(3,855,504)	49%	(315,264)	(215,930)	(99,334)	46%	3.744	3.681	0.063	2%
21 Jurisdictional MWH Sales	1,408,392,958	1,390,245,683	18,147,274	1%	38,350,239	38,014,482	335,757	1%	3.672	3.657	0.015	0%
21a Jurisdictional Loss Multiplier	1.0004	1.00052	(0)	0%	1.0004	1.00052	(0)	0%				
22 Jurisdictional Sales Adjusted for Line Losses	1,408,980,486	1,390,968,611	18,011,875	1%	38,350,239	38,014,482	335,757	1%	3.674	3.659	0.015	0%
23 TRUE-UP **	(116,563,080)	(116,588,895)	25,815	0%	38,350,239	38,014,482	335,757	1%	(0.304)	(0.307)	0.003	-1%
24 TOTAL JURISDICTIONAL FUEL COST	1,292,417,405	1,274,379,716	18,037,689	1%	38,350,239	38,014,482	335,757	1%	3.370	3.352	0.018	1%
25 Revenue Tax Factor	930,541	917,553	12,987	1%								
26 Fuel Factor Adjusted for Taxes	1,293,347,945	1,275,297,269	18,050,676	1%	38,350,239	38,014,482	335,757	1%	3.372	3.355	0.018	1%
27 GPIF **	(8,613,797)	(8,613,797)	-	0%	38,350,239	38,014,482	335,757	1%	(0.022)	(0.023)	0.000	-1%
28 Fuel Factor Adjusted for Taxes Including GPIF	1,284,734,148	1,266,683,472	18,050,676	1%	38,350,239	38,014,482	335,757	1%	3.350	3.332	0.018	1%
29 FUEL FACTOR ROUNDED TO NEAREST .001 c/KWH									3.350	3.332	0.018	1%

* Included for Informational Purposes Only

** Calculation Based on Jurisdictional MWH Sales

Duke Energy Florida
 Summary of Revised and Restated Settlement Agreement (RRSSA) Adjustments
 Estimated for the Period of January through December 2016

Retail:

	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	12 Month Period	Schedule Reference	RRSSA Paragraph
1 RRSSA Refund (\$60 million)	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	60,000,000	E1-B, line C1a	6.b.
2 RRSSA Refund (\$10 million)	833,333	833,333	833,333	833,333	833,333	833,333	833,333	833,333	833,333	833,333	833,333	833,333	10,000,000	E1-B, line C1c	6.a.
3 Total RRSSA Refunds (Lines 1 + 2)	5,833,333	5,833,333	5,833,333	5,833,333	5,833,333	5,833,333	5,833,333	5,833,333	5,833,333	5,833,333	5,833,333	5,833,333	70,000,000		

Duke Energy Florida
 Fuel and Purchased Power Cost Recovery Clause
 Estimated for the Period of : January through December 2016

		Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	TOTAL
1	Fuel Cost of System Net Generation	\$94,981,804	\$83,413,721	\$78,345,839	\$82,817,723	\$90,802,680	\$110,507,482	\$104,953,817	\$107,346,359	\$104,419,313	\$98,063,519	\$83,543,398	\$92,467,952	\$1,131,663,607
1a	Nuclear Fuel Disposal Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
1b	Adjustments to Fuel Cost	(24,885)	(26,759)	(31,140)	(30,128)	32,448	(21,508)	(4,357,619)	(20,508)	(18,630)	(16,142)	(12,413)	2,316	(4,524,968)
2	Fuel Cost of Power Sold	(308,216)	(43,732)	(219,326)	(444,872)	(13,586)	(577)	(305,124)	(276,610)	(111,035)	(106,787)	(356,771)	(162,116)	(2,348,752)
2a	Gains on Power Sales	(120,066)	(18,437)	16,138	(159,385)	17,392	29	(74,269)	(67,329)	(27,027)	(25,992)	(86,840)	(39,460)	(585,247)
2b	Fuel Cost of Stratified Sales	(2,263,375)	(1,283,444)	(1,220,643)	(1,528,531)	(1,899,190)	(4,197,841)	(2,161,098)	(2,240,948)	(1,973,483)	(1,672,912)	(1,078,740)	(1,496,660)	(23,016,866)
3	Fuel Cost of Purchased Power (Excl Economy)	4,937,035	6,217,173	14,421,739	20,084,233	32,818,134	31,608,698	20,235,740	20,086,620	17,363,635	11,608,789	7,945,939	4,274,978	191,602,712
3a	Energy Payments to Qualifying Facilities	8,284,310	9,432,944	9,730,163	7,658,173	10,499,028	10,232,952	11,644,372	11,687,183	10,720,507	9,892,299	11,332,121	12,008,298	123,122,350
4	Energy Cost of Economy Purchases	216,014	(55,757)	265,606	390,715	406,645	1,004,737	285,457	315,966	252,602	470,078	462,356	268,909	4,283,329
5	Total System Fuel & Net Power Transactions	\$105,702,622	\$97,635,708	\$101,308,376	\$108,787,927	\$132,663,550	\$149,133,972	\$130,221,276	\$136,830,734	\$130,625,882	\$118,212,851	\$101,749,050	\$107,324,217	\$1,420,196,164
6	Jurisdictional MWH Sold	2,772,355	2,712,018	2,687,916	2,710,583	3,189,901	3,609,509	3,746,390	3,802,397	3,818,043	3,520,143	2,939,053	2,841,931	38,350,239
7	Jurisdictional % of Total Sales	98.90%	99.24%	99.20%	97.32%	99.28%	99.22%	99.41%	99.37%	99.45%	99.49%	99.56%	99.39%	99.18%
8	Jurisdictional Fuel & Net Power Transactions	104,539,893	96,893,677	100,497,909	105,872,411	131,708,373	147,970,727	129,452,970	135,968,700	129,907,440	117,609,965	101,301,354	106,669,539	1,408,392,958
9	Jurisdictional Loss Multiplier	1.00052	1.00052	1.00040	1.00040	1.00040	1.00040	1.00040	1.00040	1.00040	1.00040	1.00040	1.00040	1.00040
10	Jurisdictional Fuel & Net Power Transactions	104,594,254	96,944,061	100,538,108	105,914,760	131,761,056	148,029,915	129,504,751	136,023,087	129,959,403	117,657,009	101,341,875	106,712,207	1,408,980,487
11	Adjusted System Sales	MWH 2,803,228	2,732,653	2,709,669	2,785,139	3,212,961	3,637,966	3,768,601	3,826,616	3,839,266	3,538,146	2,951,945	2,859,314	38,665,503
12	System Cost per MWH Sold	c/kwh 3.7708	3.5729	3.7388	3.9059	4.1291	4.0994	3.4554	3.5758	3.4024	3.3411	3.4468	3.7535	3.6730
13	Jurisdictional Loss Multiplier	x 1.00052	1.00052	1.0004	1.0004	1.0004	1.0004	1.0004	1.0004	1.0004	1.0004	1.0004	1.0004	1.00040
14	Jurisdictional Cost per MWH Sold	c/kwh 3.7728	3.5746	3.7404	3.9075	4.1306	4.1011	3.4568	3.5773	3.4038	3.3424	3.4481	3.7549	3.6740
15	Prior Period True-Up	+ -0.2367	-0.2419	-0.2441	-0.3971	-0.3375	-0.2982	-0.2873	-0.2831	-0.2819	-0.3058	-0.3663	-0.3788	-0.3039
16	Total Jurisdictional Fuel Expense	c/kwh 3.5361	3.3327	3.4963	3.5103	3.7931	3.8029	3.1695	3.2942	3.1219	3.0366	3.0819	3.3761	3.3700
17	Revenue Tax Multiplier	x 1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072
18	Recovery Factor Adjusted for Taxes	c/kwh 3.5386	3.3351	3.4988	3.5128	3.7958	3.8056	3.1717	3.2966	3.1241	3.0388	3.0841	3.3786	3.3725
19	GPIF	+ -0.0259	-0.0265	-0.0267	-0.0265	-0.0225	-0.0199	-0.0192	-0.0189	-0.0188	-0.0204	-0.0244	-0.0253	-0.0225
20	Total Recovery Factor (rounded .001)	c/kwh 3.513	3.309	3.472	3.486	3.773	3.786	3.153	3.278	3.105	3.018	3.060	3.353	3.350

Duke Energy Florida
Generating System Comparative Data by Fuel Type

Estimated for the Period of : January through December 2016

	Actual	Actual	Actual	Actual	Actual	Actual	
	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Subtotal
FUEL COST OF SYSTEM NET GENERATION (\$)							
1 HEAVY OIL	0	0	0	0	0	0	0
2 LIGHT OIL	1,106,067	613,795	1,563,581	906,310	1,391,758	3,814,995	9,396,506
3 COAL	24,059,366	18,210,138	15,519,123	25,215,560	26,515,970	38,453,893	147,974,050
4 GAS	69,816,371	64,589,789	61,263,135	56,695,852	62,894,953	68,238,594	383,498,693
5 NUCLEAR	0	0	0	0	0	0	0
6 OTHER	0	0	0	0	0	0	0
7 TOTAL	\$ 94,981,804	83,413,721	78,345,839	82,817,723	90,802,680	110,507,482	540,869,249
SYSTEM NET GENERATION (MWH)							
8 HEAVY OIL	0	0	0	0	0	0	0
9 LIGHT OIL	4,146	1,841	5,935	3,609	5,428	15,993	36,953
10 COAL	600,135	461,509	389,073	686,155	650,012	994,705	3,781,588
11 GAS	2,172,779	1,981,387	1,956,708	1,734,448	1,830,729	2,048,239	11,724,290
12 NUCLEAR	0	0	0	0	0	0	0
13 SOLAR	0	0	0	0	0	200	200
14 OTHER	0	0	0	0	0	0	0
15 TOTAL	MWH 2,777,060	2,444,736	2,351,716	2,424,213	2,486,169	3,059,137	15,543,031
UNITS OF FUEL BURNED							
16 HEAVY OIL	BBL 0	0	0	0	0	0	0
17 LIGHT OIL	BBL 8,322	4,612	12,546	7,501	12,418	37,207	82,606
18 COAL	TON 296,581	229,237	189,735	321,898	323,704	469,552	1,830,707
19 GAS	MCF 16,262,865	14,951,085	15,536,706	14,358,141	16,750,343	17,662,903	95,522,043
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	47,930	26,527	72,455	43,254	71,451	214,270	475,887
24 COAL	6,774,971	5,145,573	4,253,901	7,236,086	7,325,271	10,505,233	41,241,035
25 GAS	16,637,107	15,307,929	15,894,591	14,678,467	17,065,141	17,979,455	97,562,688
26 NUCLEAR	0	0	0	0	0	0	0
27 OTHER	0	0	0	0	0	0	0
28 TOTAL	MMBTU 23,460,008	20,480,028	20,220,947	21,957,807	24,461,863	28,698,958	139,279,611
GENERATION MIX (% MWH)							
29 HEAVY OIL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
30 LIGHT OIL	0.15%	0.08%	0.25%	0.15%	0.22%	0.52%	0.24%
31 COAL	21.61%	18.88%	16.54%	28.30%	26.15%	32.52%	24.33%
32 GAS	78.24%	81.05%	83.20%	71.55%	73.64%	66.96%	75.43%
33 NUCLEAR	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34 SOLAR	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%
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 132.91	133.09	124.63	120.83	112.08	102.53	113.75
39 COAL	\$/TON 81.12	79.44	81.79	78.33	81.91	81.89	80.83
40 GAS	\$/MCF 4.29	4.32	3.94	3.95	3.75	3.86	4.01
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	23.08	23.14	21.58	20.95	19.48	17.81	19.75
45 COAL	3.55	3.54	3.65	3.49	3.62	3.66	3.59
46 GAS	4.20	4.22	3.85	3.86	3.69	3.80	3.93
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 4.05	4.07	3.87	3.77	3.71	3.85	3.88
BTU BURNED PER KWH (BTU/KWH)							
50 HEAVY OIL	0	0	0	0	0	0	0
51 LIGHT OIL	11,561	14,408	12,208	11,983	13,163	13,398	12,878
52 COAL	11,289	11,149	10,933	10,546	11,269	10,561	10,906
53 GAS	7,657	7,726	8,123	8,463	9,322	8,778	8,321
54 NUCLEAR	0	0	0	0	0	0	0
55 OTHER	0	0	0	0	0	0	0
56 TOTAL	BTU/KWH 8,448	8,377	8,598	9,058	9,839	9,381	8,961
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	26.68	33.34	26.34	25.11	25.64	23.85	25.43
59 COAL	4.01	3.95	3.99	3.67	4.08	3.87	3.91
60 GAS	3.21	3.26	3.13	3.27	3.44	3.33	3.27
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 3.42	3.41	3.33	3.42	3.65	3.61	3.48

Duke Energy Florida

Generating System Comparative Data by Fuel Type

Estimated for the Period of : January through December 2016

	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	Total
FUEL COST OF SYSTEM NET GENERATION (\$)							
1 HEAVY OIL	0	0	0	0	0	0	0
2 LIGHT OIL	330,446	305,453	275,926	288,695	241,215	273,786	11,112,027
3 COAL	27,744,275	29,935,725	28,319,546	26,424,233	25,490,345	28,549,413	314,437,587
4 GAS	76,879,096	77,105,181	75,823,841	71,350,591	57,811,838	63,644,753	806,113,993
5 NUCLEAR	0	0	0	0	0	0	0
6 OTHER	0	0	0	0	0	0	0
7 TOTAL \$	104,953,817	107,346,359	104,419,313	98,063,519	83,543,398	92,467,952	1,131,663,607
SYSTEM NET GENERATION (MWH)							
8 HEAVY OIL	0	0	0	0	0	0	0
9 LIGHT OIL	196	361	0	21	172	28	37,730
10 COAL	808,541	873,053	825,767	807,051	791,337	897,613	8,784,950
11 GAS	2,540,644	2,529,434	2,415,615	2,132,789	1,703,849	1,869,190	24,915,809
12 NUCLEAR	0	0	0	0	0	0	0
13 SOLAR	1,523	1,370	1,466	1,581	1,322	1,320	8,783
14 OTHER	0	0	0	0	0	0	0
15 TOTAL MWH	3,350,905	3,404,217	3,242,848	2,941,442	2,496,679	2,768,150	33,747,272
UNITS OF FUEL BURNED							
16 HEAVY OIL BBL	0	0	0	0	0	0	0
17 LIGHT OIL BBL	2,659	2,171	1,600	1,547	763	1,296	92,642
18 COAL TON	374,952	404,394	383,338	371,774	357,974	402,566	4,125,705
19 GAS MCF	19,611,346	19,479,289	18,495,895	16,494,189	12,520,654	13,791,646	195,915,062
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	15,491	12,636	9,323	9,001	4,442	7,551	534,331
24 COAL	8,667,928	9,317,118	8,810,084	8,481,239	8,154,653	9,154,349	93,826,406
25 GAS	19,611,346	19,479,289	18,495,895	16,494,189	12,520,654	13,791,646	197,955,707
26 NUCLEAR	0	0	0	0	0	0	0
27 OTHER	0	0	0	0	0	0	0
28 TOTAL MMBTU	28,294,765	28,809,043	27,315,302	24,984,429	20,679,749	22,953,546	292,316,445
GENERATION MIX (% MWH)							
29 HEAVY OIL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
30 LIGHT OIL	0.01%	0.01%	0.00%	0.00%	0.01%	0.00%	0.11%
31 COAL	24.13%	25.65%	25.46%	27.44%	31.70%	32.43%	26.03%
32 GAS	75.82%	74.30%	74.49%	72.51%	68.25%	67.53%	73.83%
33 NUCLEAR	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34 SOLAR	0.05%	0.04%	0.05%	0.05%	0.05%	0.05%	0.03%
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	124.27	140.70	172.45	186.62	316.14	211.25	119.95
39 COAL \$/TON	73.99	74.03	73.88	71.08	71.21	70.92	76.21
40 GAS \$/MCF	3.92	3.96	4.10	4.33	4.62	4.61	4.11
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	21.33	24.17	29.60	32.07	54.30	36.26	20.80
45 COAL	3.20	3.21	3.21	3.12	3.13	3.12	3.35
46 GAS	3.92	3.96	4.10	4.33	4.62	4.62	4.07
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	3.71	3.73	3.82	3.93	4.04	4.03	3.87
BTU BURNED PER KWH (BTU/KWH)							
50 HEAVY OIL	0	0	0	0	0	0	0
51 LIGHT OIL	78,995	35,003	0	428,619	25,856	274,582	14,162
52 COAL	10,720	10,672	10,669	10,509	10,305	10,199	10,680
53 GAS	7,719	7,701	7,657	7,734	7,348	7,378	7,945
54 NUCLEAR	0	0	0	0	0	0	0
55 OTHER	0	0	0	0	0	0	0
56 TOTAL BTU/KWH	8,444	8,463	8,423	8,494	8,283	8,292	8,662
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	168.51	84.61	0.00	1374.74	140.40	995.59	29.45
59 COAL	3.43	3.43	3.43	3.27	3.22	3.18	3.58
60 GAS	3.03	3.05	3.14	3.35	3.39	3.40	3.24
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	3.13	3.15	3.22	3.33	3.35	3.34	3.35

Duke Energy Florida
System Net Generation and Fuel Cost
Estimated for the Period of: Jul-16

(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	1,896	0.7	93.23	45.8	10,806 COAL	839 TONS	24.42	20,489	99,960	5.27
2 CRYSTAL RIVER	2	500	115,334	31.0	95.81	32.4	11,250 COAL	53,153 TONS	24.41	1,297,457	4,811,973	4.17
3 CRYSTAL RIVER	4	732	354,521	65.1	91.61	71.0	10,593 COAL	163,995 TONS	22.90	3,755,478	11,660,851	3.29
4 CRYSTAL RIVER	5	712	336,790	63.6	93.23	69.7	10,673 COAL	156,965 TONS	22.90	3,594,504	11,171,491	3.32
5 ANCLOTE	1	517	137,068	35.6	93.87	78.7	10,641 GAS	1,458,508 MCF	1.00	1,458,508	5,885,567	4.29
6 ANCLOTE	2	521	172,599	44.5	94.52	47.1	10,589 GAS	1,827,734 MCF	1.00	1,827,734	6,996,938	4.05
7 AVON PARK	1-2	69	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
8 BARTOW	1-4	228	313	0.2	81.29	19.6	13,888 GAS	4,347 MCF	1.00	4,347	17,041	5.44
9 BARTOW CC	1	1279	765,811	80.5	96.77	83.2	7,229 GAS	5,535,696 MCF	1.00	5,535,696	21,700,665	2.83
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	2,120	0.4	96.13	10.7	12,784 GAS	27,099 MCF	1.00	27,099	106,231	5.01
12 HIGGINS	1-4	129	187	0.2	91.86	20.7	15,823 GAS	2,962 MCF	1.00	2,962	11,615	6.20
13 HINES CC	1-4	2,204	1,349,593	82.3	94.68	22.0	7,116 GAS	9,603,467 MCF	1.00	9,603,467	37,646,865	2.79
14 INT CITY	1-14	1,186	20,218	2.3	96.22	6.8	12,769 GAS	258,161 MCF	1.00	258,161	1,012,034	5.01
15 OSPREY CC	1	--	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	42,181	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF		0	42,181	0.00
18 SUWANNEE STEAM	3	67	9,987	20.0	94.19	66.8	13,922 GAS	139,039 MCF	1.00	139,039	460,687	4.61
19 SUWANNEE CT	1-3	200	655	0.5	99.03	26.8	13,071 GAS	8,564 MCF	1.00	8,564	33,576	5.12
20 TIGER BAY CC	1	225	48,531	29.0	92.90	82.3	8,850 GAS	429,498 MCF	1.00	429,498	1,683,689	3.47
21 UNIV OF FLA. CC	1	47	33,562	96.0	98.06	97.8	9,424 GAS	316,271 MCF	1.00	316,271	1,239,826	3.69
22 AVON PARK	1-2	69	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	0	0.0	81.29	0.0	0 LIGHT OIL	0 BBLS		0	1,078	0.00
24 BAYBORO	1-4	231	0	0.0	94.76	0.0	0 LIGHT OIL	0 BBLS		0	936	0.00
25 DEBARY	1-10	785	145	0.4	96.13	96.2	14,411 LIGHT OIL	359 BBLS	5.82	2,091	39,227	27.03
26 HIGGINS	1-4	129	0	0.0	91.86	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
27 OTHER		0	0	0.0	94.68	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
28 INT CITY	1-14	1,186	10	2.3	96.22	0.0	15,294 LIGHT OIL	26 BBLS	6.00	156	6,823	66.89
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	41	0.5	99.03	0.0	12,770 LIGHT OIL	89 BBLS	5.85	521	7,726	18.94
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	2,185 BBLS	5.82	12,723	274,656	0.00
33 SOLAR		10	1,523	20.5	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			3,350,905							28,294,765	104,953,817	3.13

Duke Energy Florida
System Net Generation and Fuel Cost
Estimated for the Period of: Aug-16

(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	3,442	1.2	86.77	45.8	10,795 COAL	1,541 TONS	24.11	37,158	163,696	4.76
2 CRYSTAL RIVER	2	500	121,736	32.7	98.39	33.3	11,212 COAL	56,610 TONS	24.11	1,364,855	5,142,563	4.22
3 CRYSTAL RIVER	4	732	368,846	67.7	92.26	73.5	10,554 COAL	170,293 TONS	22.86	3,892,893	12,117,522	3.29
4 CRYSTAL RIVER	5	712	379,029	71.6	98.06	73.1	10,612 COAL	175,950 TONS	22.86	4,022,212	12,511,944	3.30
5 ANCLOTE	1	517	162,852	42.3	87.10	48.6	10,265 GAS	1,671,616 MCF	1.00	1,671,616	6,505,575	3.99
6 ANCLOTE	2	521	131,205	33.8	92.90	75.0	10,892 GAS	1,429,152 MCF	1.00	1,429,152	5,768,244	4.40
7 AVON PARK	1-2	69	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
8 BARTOW	1-4	228	516	0.3	80.72	19.5	13,905 GAS	7,178 MCF	1.00	7,178	28,412	5.50
9 BARTOW CC	1	1279	756,724	79.5	95.16	83.4	7,229 GAS	5,470,586 MCF	1.00	5,470,586	21,654,309	2.86
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	3,272	0.6	96.10	11.2	12,794 GAS	41,858 MCF	1.00	41,858	165,687	5.06
12 HIGGINS	1-4	129	295	0.3	91.78	20.8	15,747 GAS	4,647 MCF	1.00	4,647	18,391	6.23
13 HINES CC	1-4	2,204	1,353,551	82.5	94.52	22.1	7,110 GAS	9,623,241 MCF	1.00	9,623,241	38,091,834	2.81
14 INT CITY	1-14	1,186	23,338	2.7	96.36	6.8	12,765 GAS	297,911 MCF	1.00	297,911	1,179,223	5.05
15 OSPREY CC	1	--	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	42,870	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF		0	42,870	0.00
18 SUWANNEE STEAM	3	67	10,125	20.3	95.81	67.8	13,848 GAS	140,204 MCF	1.00	140,204	469,230	4.63
19 SUWANNEE CT	1-3	200	1,253	0.9	99.25	25.7	13,071 GAS	16,380 MCF	1.00	16,380	64,838	5.17
20 TIGER BAY CC	1	225	53,293	31.8	92.90	83.1	8,732 GAS	465,369 MCF	1.00	465,369	1,842,079	3.46
21 UNIV OF FLA. CC	1	47	33,010	94.4	96.45	97.8	9,426 GAS	311,147 MCF	1.00	311,147	1,231,619	3.73
22 AVON PARK	1-2	69	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	17	0.3	80.72	0.0	13,721 LIGHT OIL	40 BBLS	5.90	236	3,147	18.30
24 BAYBORO	1-4	231	25	0.0	95.57	10.9	13,294 LIGHT OIL	58 BBLS	5.78	335	3,878	15.39
25 DEBARY	1-10	785	233	0.6	96.10	0.0	13,217 LIGHT OIL	529 BBLS	5.82	3,077	47,990	20.61
26 HIGGINS	1-4	129	0	0.0	91.78	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	55	2.7	96.36	0.0	14,511 LIGHT OIL	138 BBLS	5.80	801	12,452	22.56
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	31	0.9	99.25	0.0	12,516 LIGHT OIL	66 BBLS	5.80	383	6,461	21.11
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	1,340 BBLS	5.82	7,804	231,525	0.00
33 SOLAR		10	1,370	18.4	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			3,404,217							28,809,043	107,346,359	3.15

Duke Energy Florida
System Net Generation and Fuel Cost
Estimated for the Period of: Sep-16

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVA L FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	0	0.0	91.33	0.0	0 COAL	0 TONS		0	24,355	0.00
2 CRYSTAL RIVER	2	500	109,581	30.4	97.00	32.5	11,243 COAL	51,548 TONS	23.90	1,232,008	4,693,666	4.28
3 CRYSTAL RIVER	4	732	368,526	69.9	95.00	73.6	10,550 COAL	170,226 TONS	22.84	3,887,963	12,102,484	3.28
4 CRYSTAL RIVER	5	712	347,660	67.8	94.00	72.9	10,614 COAL	161,564 TONS	22.84	3,690,113	11,499,041	3.31
5 ANCLOTE	1	517	157,870	42.4	89.00	47.6	10,279 GAS	1,622,699 MCF	1.00	1,622,699	6,534,643	4.14
6 ANCLOTE	2	521	125,861	33.6	96.00	71.7	10,943 GAS	1,377,299 MCF	1.00	1,377,299	5,763,841	4.58
7 AVON PARK	1-2	69	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
8 BARTOW	1-4	228	50	0.0	81.67	22.0	13,944 GAS	700 MCF	1.00	700	2,867	5.71
9 BARTOW CC	1	1279	737,493	80.1	95.67	83.7	7,230 GAS	5,332,391 MCF	1.00	5,332,391	21,860,115	2.96
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	751	0.1	96.37	12.0	12,801 GAS	9,607 MCF	1.00	9,607	39,383	5.25
12 HIGGINS	1-4	129	0	0.0	91.67	0.0	0 GAS	0 MCF		0	0	0.00
13 HINES CC	1-4	2,204	1,306,969	82.4	94.33	22.1	7,108 GAS	9,289,635 MCF	1.00	9,289,635	38,082,822	2.91
14 NT CITY	1-14	1,186	11,756	1.4	96.63	6.8	12,788 GAS	150,330 MCF	1.00	150,330	616,274	5.24
15 OSPREY CC	1	--	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	37,118	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF		0	37,118	0.00
18 SUWANNEE STEAM	3	67	8,300	17.2	91.33	65.5	13,997 GAS	116,176 MCF	1.00	116,176	402,027	4.84
19 SUWANNEE CT	1-3	200	172	0.1	99.45	28.6	13,083 GAS	2,245 MCF	1.00	2,245	9,199	5.36
20 TIGER BAY CC	1	225	48,398	29.9	92.00	82.7	8,781 GAS	424,999 MCF	1.00	424,999	1,742,283	3.60
21 UNIV OF FLA. CC	1	47	17,995	53.2	95.88	97.9	9,437 GAS	169,814 MCF	1.00	169,814	696,151	3.87
22 AVON PARK	1-2	69	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	0	0.0	81.67	0.0	0 LIGHT OIL	0 BBLS		0	1,078	0.00
24 BAYBORO	1-4	231	0	0.0	96.17	0.0	0 LIGHT OIL	0 BBLS		0	936	0.00
25 DEBARY	1-10	785	0	0.0	96.37	0.0	0 LIGHT OIL	0 BBLS		0	20,664	0.00
26 HIGGINS	1-4	129	0	0.0	91.67	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 NT CITY	1-14	1,186	0	0.0	96.63	0.0	0 LIGHT OIL	0 BBLS		0	5,467	0.00
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	99.45	0.0	0 LIGHT OIL	0 BBLS		0	2,951	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	1,600 BBLS	5.83	9,323	244,830	0.00
33 SOLAR		10	1,466	20.4	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			3,242,848							27,315,302	104,419,313	3.22

Duke Energy Florida
System Net Generation and Fuel Cost
Estimated for the Period of: Oct-16

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVA L FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	1,085	0.4	91.61	41.2	10,818 COAL	493 TONS	23 81	11,738	68,960	6.36
2 CRYSTAL RIVER	2	500	1,275	0.3	98.06	36.4	11,027 COAL	591 TONS	23.79	14,059	77,780	6.10
3 CRYSTAL RIVER	4	732	415,713	76.3	96.77	78.9	10,476 COAL	190,928 TONS	22 81	4,355,071	13,527,163	3.25
4 CRYSTAL RIVER	5	712	388,978	73.4	95.16	77.8	10,541 COAL	179,762 TONS	22 81	4,100,371	12,750,330	3.28
5 ANCLOTE	1	517	150,004	39.0	87.10	44.8	10,337 GAS	1,550,549 MCF	1 00	1,550,549	6,514,585	4.34
6 ANCLOTE	2	521	105,682	27.3	94.19	67.6	11,004 GAS	1,162,973 MCF	1 00	1,162,973	5,223,571	4.94
7 AVON PARK	1-2	69	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
8 BARTOW	1-4	228	143	0.1	82.90	21.0	13,954 GAS	2,001 MCF	1 00	2,001	8,658	6.04
9 BARTOW CC	1	1279	792,476	83.3	98.71	84.3	7,217 GAS	5,718,933 MCF	1 00	5,718,933	24,738,968	3.12
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	1,056	0.2	96.81	10.3	12,831 GAS	13,544 MCF	1 00	13,544	58,592	5.55
12 HIGGINS	1-4	129	66	0.1	92.18	25.7	16,193 GAS	1,072 MCF	1 00	1,072	4,639	7.01
13 HINES CC	1-4	2,204	985,143	60.1	94.52	21.9	7,197 GAS	7,090,171 MCF	1 00	7,090,171	30,670,674	3.11
14 NT CITY	1-14	1,186	11,858	1.3	95.02	6.8	12,813 GAS	151,938 MCF	1 00	151,938	657,249	5.54
15 OSPREY CC	1	--	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	32,378	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF		0	32,378	0.00
18 SUWANNEE STEAM	3	67	6,939	13.9	91.29	63.5	14,072 GAS	97,641 MCF	1 00	97,641	357,621	5.15
19 SUWANNEE CT	1-3	200	395	0.3	99.14	25.3	13,082 GAS	5,170 MCF	1 00	5,170	22,364	5.66
20 TIGER BAY CC	1	225	45,245	27.0	92.90	84.5	8,440 GAS	381,864 MCF	1 00	381,864	1,651,870	3.65
21 UNIV OF FLA. CC	1	47	33,782	96.6	98.71	97.9	9,423 GAS	318,333 MCF	1 00	318,333	1,377,044	4.08
22 AVON PARK	1-2	69	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	0	0.0	82.90	0.0	0 LIGHT O L	0 BBLS		0	1,078	0.00
24 BAYBORO	1-4	231	0	0.0	96.61	0.0	0 LIGHT O L	0 BBLS		0	936	0.00
25 DEBARY	1-10	785	0	0.0	96.81	0.0	0 LIGHT O L	0 BBLS		0	20,664	0.00
26 HIGGINS	1-4	129	0	0.0	92.18	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
28 NT CITY	1-14	1,186	12	1.3	95.02	0.0	15,833 LIGHT O L	33 BBLS	5.76	190	7,453	62.11
29 RIO PINAR	1	16	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
30 SUWANNEE	1-3	200	9	0.3	99.14	0.0	16,889 LIGHT O L	26 BBLS	5 85	152	4,604	51.16
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	1,488 BBLS	5 82	8,659	253,960	0.00
33 SOLAR		10	1,581	21.3	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			2,941,442							24,984,429	98,063,519	3.33

Duke Energy Florida
System Net Generation and Fuel Cost
Estimated for the Period of: Nov-16

(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	94.00	0.0	0 COAL	0 TONS		0	24,355	0.00
2 CRYSTAL RIVER	2	500	0	0.0	96.00	0.0	0 COAL	0 TONS		0	24,355	0.00
3 CRYSTAL RIVER	4	732	385,589	73.2	99.67	73.4	10,372 COAL	175,566 TONS	22.78	3,999,396	12,482,350	3.24
4 CRYSTAL RIVER	5	712	405,748	79.1	98.00	80.9	10,241 COAL	182,408 TONS	22.78	4,155,257	12,959,285	3.19
5 ANCLOTE	1	517	61,615	16.6	88.67	37.4	10,305 GAS	634,973 MCF	1.00	634,973	2,613,868	4.24
6 ANCLOTE	2	521	10,115	2.7	97.50	60.7	10,910 GAS	110,352 MCF	1.00	110,352	827,535	8.18
7 AVON PARK	1-2	69	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
8 BARTOW	1-4	228	0	0.0	81.84	0.0	0 GAS	0 MCF		0	0	0.00
9 BARTOW CC	1	1279	803,561	87.3	97.33	89.6	7,070 GAS	5,681,354 MCF	1.00	5,681,354	26,232,619	3.26
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	208	0.1	96.80	0.0	12,367 GAS	2,571 MCF	1.00	2,571	11,871	5.71
12 HIGG NS	1-4	129	0	0.0	92.09	0.0	0 GAS	0 MCF		0	0	0.00
13 H NES CC	1-4	2,204	754,628	47.6	94.75	19.4	7,157 GAS	5,401,069 MCF	1.00	5,401,069	24,938,450	3.30
14 INT CITY	1-14	1,186	6,363	0.7	95.62	7.0	12,655 GAS	80,531 MCF	1.00	80,531	371,835	5.84
15 OSPREY CC	1	--	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
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	114	0.1	99.34	28.5	12,195 GAS	1,389 MCF	1.00	1,389	6,417	5.63
20 TIGER BAY CC	1	225	33,375	20.6	94.33	93.3	8,664 GAS	289,159 MCF	1.00	289,159	1,335,138	4.00
21 UNIV OF FLA. CC	1	47	33,869	100.1	98.00	102.1	9,426 GAS	319,256 MCF	1.00	319,256	1,474,105	4.35
22 AVON PARK	1-2	69	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	3	0.0	81.84	0.0	22,000 LIGHT OIL	11 BBLS	6.00	66	1,770	59.00
24 BAYBORO	1-4	231	0	0.0	96.25	0.0	0 LIGHT OIL	0 BBLS		0	936	0.00
25 DEBARY	1-10	785	136	0.1	96.80	4.3	13,631 LIGHT OIL	318 BBLS	5.81	1,847	40,353	29.78
26 HIGG NS	1-4	129	0	0.0	92.09	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	33	0.7	95.62	0.0	14,685 LIGHT OIL	84 BBLS	5.82	489	10,605	31.85
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	99.34	0.0	0 LIGHT OIL	0 BBLS		0	2,951	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	350 BBLS	5.83	2,040	184,600	0.00
33 SOLAR		10	1,322	18.4	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			2,496,679							20,679,749	83,543,398	3.35

Duke Energy Florida
System Net Generation and Fuel Cost
Estimated for the Period of: Dec-16

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVA L FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	0	0.0	93.23	0.0	0 COAL	0 TONS		0	24,355	0.00
2 CRYSTAL RIVER	2	500	0	0.0	94.52	0.0	0 COAL	0 TONS		0	24,355	0.00
3 CRYSTAL RIVER	4	732	428,608	78.7	93.55	84.1	10,260 COAL	193,376 TONS	22.74	4,397,374	13,700,161	3.20
4 CRYSTAL RIVER	5	712	469,005	88.5	97.10	91.2	10,143 COAL	209,190 TONS	22.74	4,756,975	14,800,542	3.16
5 ANCLOTE	1	517	106,874	27.8	93.23	29.8	10,426 GAS	1,114,234 MCF	1.00	1,114,234	4,605,426	4.31
6 ANCLOTE	2	521	19,541	5.0	92.14	38.7	11,482 GAS	224,376 MCF	1.00	224,376	1,571,899	8.04
7 AVON PARK	1-2	69	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
8 BARTOW	1-4	228	12	0.0	82.82	0.0	13,115 GAS	160 MCF	1.00	160	740	6.07
9 BARTOW CC	1	1279	750,653	78.9	94.84	83.1	7,123 GAS	5,346,637 MCF	1.00	5,346,637	24,673,297	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	137	0.0	96.68	9.6	12,591 GAS	1,730 MCF	1.00	1,730	7,984	5.81
12 HIGGINS	1-4	129	0	0.0	92.18	0.0	0 GAS	0 MCF		0	0	0.00
13 HINES CC	1-4	2,204	947,172	57.8	93.87	22.4	7,053 GAS	6,680,543 MCF	1.00	6,680,543	30,828,916	3.25
14 NT CITY	1-14	1,186	2,481	0.3	95.18	7.8	12,420 GAS	30,807 MCF	1.00	30,807	142,166	5.73
15 OSPREY CC	1	--	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
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	20	0.0	98.60	0.0	12,637 GAS	254 MCF	1.00	254	1,172	5.83
20 TIGER BAY CC	1	225	7,163	4.3	92.58	93.6	8,620 GAS	61,746 MCF	1.00	61,746	284,943	3.98
21 UNIV OF FLA. CC	1	47	35,136	100.5	98.39	102.1	9,425 GAS	331,159 MCF	1.00	331,159	1,528,210	4.35
22 AVON PARK	1-2	69	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	5	0.0	82.82	0.0	17,347 LIGHT O L	15 BBLS	5.67	85	1,969	40.18
24 BAYBORO	1-4	231	0	0.0	95.89	0.0	0 LIGHT O L	0 BBLS		0	936	0.00
25 DEBARY	1-10	785	14	0.0	96.68	0.0	15,147 LIGHT O L	35 BBLS	5.89	206	22,858	168.07
26 HIGGINS	1-4	129	0	0.0	92.18	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
28 NT CITY	1-14	1,186	9	0.3	95.18	0.0	14,444 LIGHT O L	22 BBLS	5.91	130	6,827	75.86
29 RIO PINAR	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	98.60	0.0	0 LIGHT O L	0 BBLS		0	2,951	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	1,224 BBLS	5.83	7,130	238,245	0.00
33 SOLAR		10	1,320	17.7	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			2,768,150							22,953,546	92,467,952	3.34

Duke Energy Florida
 Inventory Analysis

Estimated for the Period of : January through December 2016

		Act	Act	Act	Act	Act	Act	
		Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	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	\$	(2,206)	(2,206)	(2,206)	(2,206)	(2,206)	(2,206)
LIGHT OIL								
13	PURCHASES:							
14	UNITS	BBL	(1)	(1)	(178)	27,678	37,332	30,177
15	UNIT COST	\$/BBL	(138,074.13)	(285,546.35)	(589.99)	69.73	63.15	76.43
16	AMOUNT	\$	138,074	285,546	105,017	1,930,068	2,357,603	2,306,544
17	BURNED:							
18	UNITS	BBL	8,322	4,612	12,546	7,501	12,418	37,207
19	UNIT COST	\$/BBL	132.91	133.09	124.63	120.83	112.08	102.53
20	AMOUNT	\$	1,106,067	613,795	1,563,581	906,310	1,391,758	3,814,995
21	ENDING INVENTORY:							
22	UNITS	BBL	947,635	943,024	930,299	950,476	975,390	967,878
23	UNIT COST	\$/BBL	113.60	113.81	113.80	112.46	110.58	109.83
24	AMOUNT	\$	107,651,683	107,323,435	105,864,871	106,888,629	107,854,475	106,298,921
COAL								
25	PURCHASES:							
26	UNITS	TON	214,217	235,506	180,293	260,133	238,017	351,077
27	UNIT COST	\$/TON	80.22	76.95	82.12	72.94	86.85	80.80
28	AMOUNT	\$	17,185,485	18,121,443	14,806,060	18,973,048	20,672,017	28,366,760
29	BURNED:							
30	UNITS	TON	296,581	229,237	189,735	321,898	323,704	469,552
31	UNIT COST	\$/TON	81.12	79.44	81.79	78.33	81.91	81.89
32	AMOUNT	\$	24,059,366	18,210,138	15,519,123	25,215,560	26,515,970	38,453,893
33	ENDING INVENTORY:							
34	UNITS	TON	882,732	889,001	879,559	817,794	732,106	613,631
35	UNIT COST	\$/TON	83.06	82.38	82.45	81.04	82.55	82.05
36	AMOUNT	\$	73,320,730	73,232,036	72,518,972	66,276,461	60,432,508	50,345,374
GAS								
37	BURNED:							
38	UNITS	MCF	16,262,865	14,951,085	15,536,706	14,358,141	16,750,343	17,662,903
39	UNIT COST	\$/MCF	4.29	4.32	3.94	3.95	3.75	3.86
40	AMOUNT	\$	69,816,371	64,589,789	61,263,135	56,695,852	62,894,953	68,238,594
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
 Inventory Analysis

Estimated for the Period of : January through December 2016

		Est	Est	Est	Est	Est	Est	
		Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	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	0.00	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	2,659	2,171	1,600	1,547	763	1,296	105,043
15	UNIT COST \$/BBL	124.27	140.70	172.45	186.62	316.14	211.25	84.14
16	AMOUNT \$	330,446	305,453	275,926	288,695	241,215	273,786	8,838,375
17	BURNED:							
18	UNITS BBL	2,659	2,171	1,600	1,547	763	1,296	92,642
19	UNIT COST \$/BBL	124.27	140.70	172.45	186.62	316.14	211.25	119.95
20	AMOUNT \$	330,446	305,453	275,926	288,695	241,215	273,786	11,112,027
21	ENDING INVENTORY:							
22	UNITS BBL	967,878	967,878	967,878	967,878	967,878	967,878	
23	UNIT COST \$/BBL	109.83	109.83	109.83	109.83	109.83	109.83	
24	AMOUNT \$	106,298,921	106,298,921	106,298,921	106,298,921	106,298,921	106,298,921	
COAL								
25	PURCHASES:							
26	UNITS TON	374,952	404,394	383,338	371,774	357,974	402,566	3,774,241
27	UNIT COST \$/TON	73.99	74.03	73.88	71.08	71.21	70.92	75.40
28	AMOUNT \$	27,744,275	29,935,725	28,319,546	26,424,233	25,490,345	28,549,413	284,588,350
29	BURNED:							
30	UNITS TON	374,952	404,394	383,338	371,774	357,974	402,566	4,125,705
31	UNIT COST \$/TON	73.99	74.03	73.88	71.08	71.21	70.92	76.21
32	AMOUNT \$	27,744,275	29,935,725	28,319,546	26,424,233	25,490,345	28,549,413	314,437,587
33	ENDING INVENTORY:							
34	UNITS TON	613,631	613,631	613,631	613,631	613,631	613,631	
35	UNIT COST \$/TON	73.99	74.03	73.88	71.08	71.21	70.92	
36	AMOUNT \$	45,405,135	45,424,710	45,332,726	43,614,498	43,695,007	43,517,851	
GAS								
37	BURNED:							
38	UNITS MCF	19,611,346	19,479,289	18,495,895	16,494,189	12,520,654	13,791,646	195,915,062
39	UNIT COST \$/MCF	3.92	3.96	4.10	4.33	4.62	4.61	4.11
40	AMOUNT \$	76,879,096	77,105,181	75,823,841	71,350,591	57,811,838	63,644,753	806,113,993
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
 Fuel Cost of Power Sold
 Estimated for the Period of : January through December 2016

(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-16	ECONSALE	--	12,825		12,825	2.403	3.339	308,216	428,281	120,066
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	--	84,267		84,267	2.686	2.686	2,263,375	2,263,375	0
	TOTAL		97,092		97,092	2.649	2.772	2,571,591	2,691,656	120,066
Feb-16	ECONSALE	--	2,029		2,029	2.155	3.064	43,732	62,170	18,437
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	--	53,295		53,295	2.408	2.408	1,283,444	1,283,444	0
	TOTAL		55,324		55,324	2.399	2.432	1,327,177	1,345,614	18,437
Mar-16	ECONSALE	--	6,579		6,579	3.334	3.088	219,326	203,188	(16,138)
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	--	62,510		62,510	1.953	1.953	1,220,643	1,220,643	0
	TOTAL		69,089		69,089	2.084	2.061	1,439,969	1,423,831	(16,138)
Apr-16	ECONSALE	--	19,501		19,501	2.281	3.099	444,871	604,257	159,385
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	--	71,084		71,084	2.150	2.150	1,528,531	1,528,531	0
	TOTAL		90,585		90,585	2.179	2.354	1,973,402	2,132,787	159,385
May-16	ECONSALE	--	524		524	2.593	(0.726)	13,586	(3,806)	(17,392)
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	--	82,369		82,369	2.306	2.306	1,899,190	1,899,190	0
	TOTAL		82,893		82,893	2.308	2.287	1,912,776	1,895,385	(17,392)
Jun-16	ECONSALE	--	25		25	2.308	2.194	577	549	(29)
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	--	168,079		168,079	2.498	2.498	4,197,841	4,197,841	0
	TOTAL		168,104		168,104	2.498	2.497	4,198,419	4,198,390	(29)
Jan-16	ECONSALE	--	41,483		41,483	2.484	3.121	1,030,308	1,294,638	264,330
THRU	ECONOMY	C	0		0	0.000	0.000	0	0	0
Jun-16	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	521,604		521,604	2.376	2.376	12,393,025	12,393,025	0
	TOTAL		563,087		563,087	2.384	2.431	13,423,333	13,687,664	264,330

Duke Energy Florida
Fuel Cost of Power Sold
Estimated for the Period of : January through December 2016

(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-16	ECONSALE	--	10,552		10,552	2.892	3.595	305,124	379,393	74,269
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	136,341		136,341	1.585	1.585	2,161,098	2,161,098	0
	TOTAL		146,893		146,893	1.679	1.729	2,466,222	2,540,491	74,269
Aug-16	ECONSALE	--	9,458		9,458	2.924	3.636	276,610	343,939	67,329
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	136,451		136,451	1.642	1.642	2,240,948	2,240,948	0
	TOTAL		145,909		145,909	1.725	1.772	2,517,558	2,584,887	67,329
Sep-16	ECONSALE	--	3,987		3,987	2.785	3.463	111,035	138,062	27,027
Est	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	--	121,368		121,368	1.626	1.626	1,973,483	1,973,483	0
	TOTAL		125,355		125,355	1.663	1.684	2,084,518	2,111,545	27,027
Oct-16	ECONSALE	--	3,672		3,672	2.909	3.616	106,787	132,779	25,992
Est	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	--	151,276		151,276	1.106	1.106	1,672,912	1,672,912	0
	TOTAL		154,948		154,948	1.149	1.165	1,779,699	1,805,691	25,992
Nov-16	ECONSALE	--	13,683		13,683	2.607	3.242	356,771	443,611	86,840
Est	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	--	71,809		71,809	1.502	1.502	1,078,740	1,078,740	0
	TOTAL		85,492		85,492	1.679	1.781	1,435,511	1,522,351	86,840
Dec-16	ECONSALE	--	6,532		6,532	2.482	3.086	162,116	201,576	39,460
Est	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	--	60,171		60,171	2.487	2.487	1,496,660	1,496,660	0
	TOTAL		66,703		66,703	2.487	2.546	1,658,776	1,698,236	39,460
Jan-16	ECONSALE	--	89,367		89,367	2.628	3.283	2,348,751	2,933,998	585,247
THRU	ECONOMY	C	0		0	0.000	0.000	0	0	0
Dec-16	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	1,199,020		1,199,020	1.920	1.920	23,016,866	23,016,866	0
	TOTAL		1,288,387		1,288,387	1.969	2.014	25,365,617	25,950,864	585,247

Duke Energy Florida
 Purchased Power
 (Exclusive of Economy & QF Purchases)
 Estimated for the Period of : January through December 2016

(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-16	OTHER	--	0			0	0.000	0.000	0
Act	Osprey (Calpine)	--	77,777			77,777	3.377	3.377	2,626,236
	SHADY HILLS	--	3,038			3,038	7.710	7.710	234,234
	SOCO Franklin	--	45,000			45,000	3.335	3.335	1,500,593
	SOCO Scherer	--	0			0	0.000	0.000	278
	Vandolah (NSG)	--	12,381			12,381	4.650	4.650	575,694
	TOTAL		138,196	0	0	138,196	3.572	3.572	4,937,035
Feb-16	OTHER	--	0			0	0.000	0.000	0
Act	Osprey (Calpine)	--	128,181			128,181	3.288	3.288	4,214,844
	SHADY HILLS	--	6			6	-262.759	-262.759	(15,766)
	SOCO Franklin	--	52,600			52,600	2.945	2.945	1,549,265
	SOCO Scherer	--	0			0	0.000	0.000	53,812
	Vandolah (NSG)	--	4,172			4,172	9.948	9.948	415,018
	TOTAL		184,959	0	0	184,959	3.361	3.361	6,217,173
Mar-16	OTHER	--	0			0	0.000	0.000	0
Act	Osprey (Calpine)	--	143,784			143,784	3.014	3.014	4,333,882
	SHADY HILLS	--	80,981			80,981	4.721	4.721	3,823,075
	SOCO Franklin	--	107,600			107,600	2.274	2.274	2,447,103
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	83,365			83,365	4.579	4.579	3,817,678
	TOTAL		415,730	0	0	415,730	3.469	3.469	14,421,739
Apr-16	OTHER	--	0			0	0.000	0.000	0
Act	Osprey (Calpine)	--	40,107			40,107	3.439	3.439	1,379,237
	SHADY HILLS	--	99,020			99,020	4.541	4.541	4,496,432
	SOCO Franklin	--	158,163			158,163	2.158	2.158	3,413,844
	SOCO Scherer	--	3,081			3,081	3.535	3.535	108,910
	Vandolah (NSG)	--	254,214			254,214	4.203	4.203	10,685,810
	TOTAL		554,585	0	0	554,585	3.621	3.621	20,084,233
May-16	OTHER	--	0			0	0.000	0.000	0
Act	Osprey (Calpine)	--	151,769			151,769	2.902	2.902	4,403,799
	SHADY HILLS	--	270,381			270,381	3.936	3.936	10,641,072
	SOCO Franklin	--	158,500			158,500	2.331	2.331	3,694,039
	SOCO Scherer	--	2,478			2,478	3.717	3.717	92,101
	Vandolah (NSG)	--	355,275			355,275	3.937	3.937	13,987,124
	TOTAL		938,403	0	0	938,403	3.497	3.497	32,818,134
Jun-16	OTHER	--	0			0	0.000	0.000	0
Act	Osprey (Calpine)	--	189,973			189,973	2.932	2.932	5,570,883
	SHADY HILLS	--	202,157			202,157	4.259	4.259	8,610,653
	SOCO Franklin	--	201,536			201,536	2.679	2.679	5,399,700
	SOCO Scherer	--	0			0	0.000	0.000	63
	Vandolah (NSG)	--	282,329			282,329	4.260	4.260	12,027,400
	TOTAL		875,995	0	0	875,995	3.608	3.608	31,608,698
Jan-16 THRU Jun-16	OTHER	--	0			0	0.000	0.000	0
	Osprey (Calpine)	--	731,591			731,591	3.079	3.079	22,528,881
	SHADY HILLS	--	655,583			655,583	4.239	4.239	27,789,700
	SOCO Franklin	--	723,399			723,399	2.489	2.489	18,004,544
	SOCO Scherer	--	5,559			5,559	4.590	4.590	255,163
	Vandolah (NSG)	--	991,736			991,736	4.185	4.185	41,508,724
	TOTAL		3,107,868	0	0	3,107,868	3.542	3.542	110,087,011

Duke Energy Florida
Purchased Power
(Exclusive of Economy & QF Purchases)
Estimated for the Period of : January through December 2016

(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-16	OTHER	--	0			0	0.000	0.000	0
Est	Osprey (Calpine)	--	166,088			166,088	3.202	3.202	5,317,440
	SHADY HILLS	--	93,819			93,819	4.306	4.306	4,039,468
	SOCO Franklin	--	205,354			205,354	2.662	2.662	5,467,122
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	108,351			108,351	4.995	4.995	5,411,710
	TOTAL		573,611	0	0	573,611	3.528	3.528	20,235,740
Aug-16	OTHER	--	0			0	0.000	0.000	0
Est	Osprey (Calpine)	--	171,418			171,418	3.224	3.224	5,525,731
	SHADY HILLS	--	80,316			80,316	4.403	4.403	3,536,101
	SOCO Franklin	--	191,920			191,920	2.786	2.786	5,347,777
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	113,592			113,592	4.998	4.998	5,677,011
	TOTAL		557,245	0	0	557,245	3.605	3.605	20,086,620
Sep-16	OTHER	--	0			0	0.000	0.000	0
Est	Osprey (Calpine)	--	165,649			165,649	3.332	3.332	5,520,174
	SHADY HILLS	--	42,021			42,021	4.534	4.534	1,905,389
	SOCO Franklin	--	180,645			180,645	2.846	2.846	5,140,380
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	91,522			91,522	5.242	5.242	4,797,692
	TOTAL		479,837	0	0	479,837	3.619	3.619	17,363,635
Oct-16	OTHER	--	0			0	0.000	0.000	0
Est	Osprey (Calpine)	--	39,261			39,261	3.499	3.499	1,373,709
	SHADY HILLS	--	37,233			37,233	4.812	4.812	1,791,743
	SOCO Franklin	--	165,185			165,185	2.932	2.932	4,843,890
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	65,195			65,195	5.521	5.521	3,599,447
	TOTAL		306,874	0	0	306,874	3.783	3.783	11,608,789
Nov-16	OTHER	--	0			0	0.000	0.000	0
Est	Osprey (Calpine)	--	133,724			133,724	3.672	3.672	4,910,265
	SHADY HILLS	--	4,592			4,592	5.328	5.328	244,663
	SOCO Franklin	--	19,248			19,248	5.418	5.418	1,042,762
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	30,501			30,501	5.732	5.732	1,748,249
	TOTAL		188,065	0	0	188,065	4.225	4.225	7,945,939
Dec-16	OTHER	--	0			0	0.000	0.000	0
Est	Osprey (Calpine)	--	77,629			77,629	3.717	3.717	2,885,546
	SHADY HILLS	--	628			628	5.832	5.832	36,610
	SOCO Franklin	--	20,356			20,356	5.394	5.394	1,097,972
	SOCO Scherer	--	0			0	0.000	0.000	0
	Vandolah (NSG)	--	4,418			4,418	5.769	5.769	254,850
	TOTAL		103,030	0	0	103,030	4.149	4.149	4,274,978
Jan-16	OTHER	--	0			0	0.000	0.000	0
THRU	Osprey (Calpine)	--	1,485,359			1,485,359	3.236	3.236	48,061,746
Dec-16	SHADY HILLS	--	914,192			914,192	4.304	4.304	39,343,674
	SOCO Franklin	--	1,506,106			1,506,106	2.719	2.719	40,944,447
	SOCO Scherer	--	5,559			5,559	4.590	4.590	255,163
	Vandolah (NSG)	--	1,405,314			1,405,314	4.483	4.483	62,997,683
TOTAL			5,316,530	0	0	5,316,530	3.604	3.604	191,602,712

Duke Energy Florida
 Energy Payments to Qualifying Facilities
 Estimated for the Period of : January through December 2016

(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-16 Act	QUAL. FACILITIES	COGEN	262,976			262,976	3.150	14.147	8,284,310
Feb-16 Act	QUAL. FACILITIES	COGEN	250,530			250,530	3.765	12.772	9,432,944
Mar-16 Act	QUAL. FACILITIES	COGEN	244,684			244,684	3.977	13.195	9,730,163
Apr-16 Act	QUAL. FACILITIES	COGEN	199,894			199,894	3.831	15.105	7,658,173
May-16 Act	QUAL. FACILITIES	COGEN	256,719			256,719	4.090	12.859	10,499,028
Jun-16 Act	QUAL. FACILITIES	COGEN	268,206			268,206	3.815	12.196	10,232,952
Jul-16 Est	QUAL. FACILITIES	COGEN	286,942			286,942	4.058	11.997	11,644,372
Aug-16 Est	QUAL. FACILITIES	COGEN	286,944			286,944	4.073	12.012	11,687,183
Sep-16 Est	QUAL. FACILITIES	COGEN	260,214			260,214	4.120	12.875	10,720,507
Oct-16 Est	QUAL. FACILITIES	COGEN	244,580			244,580	4.045	13.359	9,892,299
Nov-16 Est	QUAL. FACILITIES	COGEN	281,121			281,121	4.031	12.135	11,332,121
Dec-16 Est	QUAL. FACILITIES	COGEN	296,008			296,008	4.057	11.753	12,008,298
TOTAL	QUAL. FACILITIES	COGEN	3,138,818			3,138,818	3.923	12.787	123,122,350

Duke Energy Florida
 Economy Energy Purchases
 Estimated for the Period of : January through December 2016

(1) MONTH	(2) PURCHASE	(3) TYPE & SCHED	(4) TOTAL MWH PURCHASED	(5) TRANSACTION COST		(7) TOTAL \$ FOR FUEL ADJ (4) x (5)	(8) COST IF GENERATED		(9) FUEL SAVINGS (8)(B) - (7)
				ENERGY COST C/KWH	TOTAL COST C/KWH		(A) C/KWH	(B) \$	
Jan-16	ECONPURCH	--	3,841	5.561	5.561	213,588	2.854	109,635	(103,953)
Act	SEPA	--	61	3.977	3.977	2,426	3.977	2,426	0
TOTAL			3,902	5.536	5.536	216,014	2.872	112,061	(103,953)
Feb-16	ECONPURCH	--	280	(19.913)	(19.913)	(55,757)	2.197	6,151	61,909
Act	SEPA	--	0	0.000	0.000	0	0.000	0	0
TOTAL			280	(19.913)	(19.913)	(55,757)	2.197	6,151	61,909
Mar-16	ECONPURCH	--	6,469	3.329	3.329	215,379	5.607	362,689	147,310
Act	SEPA	--	1,438	3.493	3.493	50,227	3.493	50,227	0
TOTAL			7,907	3.359	3.359	265,606	5.222	412,916	147,310
Apr-16	ECONPURCH	--	8,056	4.702	4.702	378,780	4.438	357,561	(21,219)
Act	SEPA	--	338	3.531	3.531	11,935	3.531	11,935	0
TOTAL			8,394	4.655	4.655	390,715	4.402	369,496	(21,219)
May-16	ECONPURCH	--	6,203	3.743	3.743	232,201	3.672	227,758	(4,443)
Act	SEPA	--	4,960	3.517	3.517	174,444	3.517	174,444	(0)
TOTAL			11,163	3.643	3.643	406,645	3.603	402,202	(4,443)
Jun-16	ECONPURCH	--	16,768	5.852	5.852	981,230	9.179	1,539,144	557,914
Act	SEPA	--	656	3.583	3.583	23,507	3.583	23,507	(0)
TOTAL			17,424	5.766	5.766	1,004,737	8.968	1,562,651	557,913
Jan-16 THRU Jun-16	ECONPURCH	--	41,617	4.723	4.723	1,965,421	6.25	2,602,938	637,517
	SEPA	--	7,453	3.523	3.523	262,539	3.52	262,539	(1)
TOTAL			49,070	4.540	4.540	2,227,961	5.840	2,865,477	637,517

Duke Energy Florida
 Economy Energy Purchases
 Estimated for the Period of : January through December 2016

(1) MONTH	(2) PURCHASE	(3) TYPE & SCHED	(4) TOTAL MWH PURCHASED	(5) TRANSACTION COST		(7) TOTAL \$ FOR FUEL ADJ (4) x (5)	(8) COST IF GENERATED		(9) FUEL SAVINGS (8)(B) - (7)
				ENERGY COST C/KWH	TOTAL COST C/KWH		(A) C/KWH	(B) \$	
Jul-16	ECONPURCH	--	3,006	4.411	4.411	132,587	4.941	148,502	15,915
Est	SEPA	--	3,397	4.500	4.500	152,870	4.500	152,870	0
TOTAL			6,403	4.458	4.458	285,457	4.707	301,372	15,915
Aug-16	ECONPURCH	--	2,925	5.576	5.576	163,096	6.245	182,668	19,572
Est	SEPA	--	3,397	4.500	4.500	152,870	4.500	152,870	0
TOTAL			6,322	4.998	4.998	315,966	5.307	335,538	19,572
Sep-16	ECONPURCH	--	2,400	4.362	4.362	104,664	4.885	117,228	12,564
Est	SEPA	--	3,288	4.500	4.500	147,938	4.500	147,938	0
TOTAL			5,687	4.442	4.442	252,602	4.663	265,166	12,564
Oct-16	ECONPURCH	--	7,239	4.382	4.382	317,208	4.908	355,268	38,060
Est	SEPA	--	3,397	4.500	4.500	152,870	4.500	152,870	0
TOTAL			10,636	4.420	4.420	470,078	4.778	508,138	38,060
Nov-16	ECONPURCH	--	8,064	3.899	3.899	314,418	4.367	352,143	37,725
Est	SEPA	--	3,288	4.500	4.500	147,938	4.500	147,938	0
TOTAL			11,352	4.073	4.073	462,356	4.405	500,081	37,725
Dec-16	ECONPURCH	--	3,160	3.673	3.673	116,039	4.113	129,960	13,921
Est	SEPA	--	3,397	4.500	4.500	152,870	4.500	152,870	0
TOTAL			6,557	4.101	4.101	268,909	4.314	282,830	13,921
Jan-16	ECONPURCH	--	68,410	4.551	4.551	3,113,433	5.684	3,888,707	775,274
THRU	SEPA	--	27,616	4.236	4.236	1,169,895	4.236	1,169,895	(1)
Dec-16									
TOTAL			96,026	4.461	4.461	4,283,329	5.268	5,058,602	775,274

Capital Structure and Cost Rates Applied to Capital Projects
 Duke Energy Florida
 Estimated for the Period of : January through June 2016

	Adjusted Retail \$000's	Ratio	Cost Rate	Weighted Cost
Common Equity	\$ 4,681,853	48.76%	10.50%	5.12%
Preferred Stock	-	0.00%	0.00%	0.00%
Long Term Debt	3,672,596	38.25%	5.19%	1.98%
Short Term Debt	(90,568)	-0.94%	0.17%	0.00%
Customer Deposits - Active	182,163	1.90%	2.31%	0.04%
Customer Deposits - Inactive	1,306	0.01%	0.00%	0.00%
Deferred Tax	1,318,615	13.73%	0.00%	0.00%
Deferred Tax (FAS 109)	(164,391)	-1.71%	0.00%	0.00%
ITC	498	0.01%	0.00%	0.00%
	<u>9,602,073</u>	<u>95.41%</u>		<u>7.15%</u>

Total Debt 2.03%
 Total Equity 5.12%

- * May 2015 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 2016 Actual/Estimated True-up Filing does not currently include a capital return component

Capital Structure and Cost Rates Applied to Capital Projects
 Duke Energy Florida
 Estimated for the Period of : July through December 2016

	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>100.00%</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 2016 Actual/Estimated True-up Filing does not currently include a capital return component

DUKE ENERGY FLORIDA
CAPACITY COST RECOVERY
ESTIMATED / ACTUAL TRUE-UP
JANUARY THROUGH DECEMBER 2016

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)

	ACT Jan-16	ACT Feb-16	ACT Mar-16	ACT Apr-16	ACT May-16	ACT Jun-16	EST Jul-16	EST Aug-16	EST Sep-16	EST Oct-16	EST Nov-16	EST Dec-16	TOTAL
1 Base Production Level Capacity Costs													
2 Orange Cogen (ORANGE CO)	3,266,545	4,826,219	4,826,219	4,826,219	4,826,219	4,826,219	4,826,219	4,826,219	4,826,219	4,826,219	4,826,219	4,826,219	56,354,954
3 Orlando Cogen Limited (ORLACOGL)	13,409,604	4,854,074	4,854,074	4,854,074	4,854,074	4,854,074	4,854,074	4,854,074	4,854,074	4,854,074	4,854,074	4,854,074	66,804,417
4 Pasco County Resource Recovery (PASCOUNT)	1,577,570	1,677,850	1,677,850	1,677,850	1,677,850	1,677,850	1,677,850	1,677,850	1,677,850	1,677,850	1,677,850	1,677,850	20,033,920
5 Pinellas County Resource Recovery (PINCOUNT)	3,755,303	3,994,013	3,994,013	3,994,013	3,994,013	3,994,013	3,994,013	3,994,013	3,994,013	3,994,013	3,994,013	3,994,013	47,689,443
6 Polk Power Partners, L.P. (MULBERRY/ROYSTER)	6,306,018	6,627,741	6,627,741	6,627,741	6,627,741	6,627,741	6,627,741	6,627,741	6,627,741	6,627,741	6,627,741	6,627,741	79,211,169
7 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	603,090	584,735	575,947	555,284	532,520	498,053	800,946	800,946	800,946	800,946	800,946	800,946	8,155,306
8 Other	-	-	-	-	-	-	-	-	-	-	-	-	-
9 Southern - Scherer	2,149,228	1,826,729	1,773,417	1,774,164	1,775,120	276,573	-	-	-	-	-	-	9,575,232
10 Calpine Osprey													
11 Subtotal - Base Level Capacity Costs													
12 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%	
13 Base Level Jurisdictional Capacity Costs													
14 Intermediate Production Level Capacity Costs													
15 Southern - Franklin	3,201,566	3,298,621	3,206,417	3,469,625	3,102,253	5,095,516	3,977,920	3,977,920	3,977,920	3,977,920	3,977,920	3,977,920	45,241,518
16 Schedule H Capacity Sales - NSB	-	-	-	-	-	-	-	-	-	-	-	-	-
17 Other	-	-	-	-	-	-	-	-	-	-	-	-	-
18 Subtotal - Intermediate Level Capacity Costs	3,201,566	3,298,621	3,206,417	3,469,625	3,102,253	5,095,516	3,977,920	3,977,920	3,977,920	3,977,920	3,977,920	3,977,920	45,241,518
19 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%	
20 Intermediate Level Jurisdictional Capacity Costs	2,327,635	2,398,196	2,331,161	2,522,522	2,255,431	3,704,593	2,892,067	2,892,067	2,892,067	2,892,067	2,892,067	2,892,067	32,891,940
21 Peaking Production Level Capacity Costs													
22 Chattahoochee	-	-	-	-	-	-	-	-	-	-	-	-	-
23 Vandolah (RRI)	-	-	-	-	-	-	-	-	-	-	-	-	-
24 Shady Hills Power Company LLC	1,410,667	1,671,610	1,406,700	1,366,200	1,886,760	3,855,600	3,887,109	3,887,109	1,813,983	1,365,741	1,365,741	1,970,868	25,888,088
25 Vandolah (NSG)	2,888,436	2,892,622	2,035,755	1,947,188	2,800,279	5,784,009	5,548,960	5,504,412	2,634,348	1,940,500	1,985,048	2,792,868	38,754,425
26 Other	-	-	-	-	-	-	-	-	-	-	-	-	-
27 Subtotal - Peaking Level Capacity Costs	4,299,103	4,564,232	3,442,455	3,313,388	4,687,039	9,639,609	9,436,069	9,391,521	4,448,331	3,306,241	3,350,789	4,763,736	64,642,513
28 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%	
29 Peaking Level Jurisdictional Capacity Costs	4,123,872	4,378,193	3,302,140	3,178,334	4,495,995	9,246,699	9,051,455	9,008,723	4,267,017	3,171,479	3,214,211	4,569,566	62,007,684
30 Other Capacity Costs													
31 Retail Wheeling	(33,737)	(1,790)	(6,527)	(149,519)	(1,545)	-	(10,552)	(9,520)	(3,987)	(3,672)	(13,683)	(6,532)	(241,063)
32 Batch 19 Nuclear Fuel													
33 Other Jurisdictional Capacity Costs													
34 Subtotal Jurisd Capacity Costs (Line 13+20+29+33)	36,845,611	31,001,440	29,795,934	29,701,997	30,880,285	35,657,755	34,628,864	34,587,164	29,850,991	28,755,768	28,788,489	30,092,937	380,587,235
35 Nuclear Cost Recovery Clause Costs (net of tax)													
36 Levy Costs	-	-	-	-	-	-	-	-	-	-	-	-	-
37 CR3 Uprate Costs	4,861,279	4,833,013	4,804,746	4,776,479	4,748,212	4,719,946	4,691,679	4,663,412	4,635,145	4,606,878	4,578,612	4,550,345	56,469,745
38 Total NCRC Costs - Order No. PSC-15-0586-FOF-EI	4,861,279	4,833,013	4,804,746	4,776,479	4,748,212	4,719,946	4,691,679	4,663,412	4,635,145	4,606,878	4,578,612	4,550,345	56,469,745
39 Total Jurisdictional Capacity Costs (Line 34+38)	41,706,890	35,834,453	34,600,679	34,478,476	35,628,497	40,377,701	39,320,542	39,250,575	34,486,136	33,362,646	33,367,101	34,643,282	437,056,980
40 Capacity Revenues													
41 Capacity Cost Recovery Revenues (net of tax)	33,281,758	33,857,575	32,975,595	34,435,237	40,699,538	46,120,530	48,253,503	48,974,879	49,176,389	45,339,440	37,855,002	36,604,066	487,573,513
42 Prior Period True-Up Provision Over/(Under) Recovery	(3,220,271)	(3,220,271)	(3,220,271)	(2,900,148)	(2,900,139)	(2,900,139)	(2,900,139)	(2,900,139)	(2,900,139)	(2,900,139)	(2,900,139)	(2,900,135)	(35,762,070)
43 Current Period Revenues (net of tax)	30,061,487	30,637,304	29,755,324	31,535,089	37,799,399	43,220,391	45,353,364	46,074,740	46,276,250	42,439,301	34,954,863	33,703,931	451,811,442
44 True-Up Provision													
45 True-Up Provision - Over/(Under) Recov (Line 43-39)	(11,645,403)	(5,197,149)	(4,845,356)	(2,943,386)	2,170,902	2,842,690	6,032,821	6,824,164	11,790,113	9,076,655	1,587,762	(939,350)	14,754,463
46 Interest Provision for the Month	(13,312)	(15,364)	(16,922)	(15,793)	(13,154)	(12,389)	(4,367)	(2,860)	(584)	1,273	1,969	2,274	(89,229)
47 Current Cycle Balance - Over/(Under)	(11,658,715)	(16,871,228)	(21,733,506)	(24,692,684)	(22,534,936)	(19,704,635)	(13,676,181)	(6,854,877)	4,934,652	14,012,580	15,602,311	14,665,234	14,665,234
48 Prior Period Balance - Over/(Under) Recovered	(35,762,070)	(35,762,070)	(35,762,070)	(35,762,070)	(35,762,070)	(35,762,070)	(35,762,070)	(35,762,070)	(35,762,070)	(35,762,070)	(35,762,070)	(35,762,070)	(35,762,070)
49 Prior Period Cumulative True-Up Collected/(Refunded)	3,220,271	6,440,543	9,660,814	12,560,962	15,461,101	18,361,240	21,261,379	24,161,518	27,061,657	29,961,796	32,861,935	35,762,070	35,762,070
50 Prior Period True-up Balance - Over/(Under)	(32,541,799)	(29,321,528)	(26,101,256)	(23,201,108)	(20,300,969)	(17,400,830)	(14,500,691)	(11,600,552)	(8,700,413)	(5,800,274)	(2,900,135)	(0)	(0)
51 Net Capacity True-up Over/(Under) (Line 47+50)	(\$44,200,514)	(\$46,192,755)	(\$47,834,762)	(\$47,893,792)	(\$42,835,905)	(\$37,105,465)	(\$28,176,872)	(\$18,455,429)	(\$3,765,761)	\$8,212,306	\$12,702,176	\$14,665,234	\$14,665,234

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	74.00
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-10	May-16	Other	Purch	350.00
9	Southern - Franklin	Jun-16	May-21	Other	Purch	425.00
10	Southern Wholesale - Scherer 3	Jun-10	May-16	Other	Purch	73.00
11	Schedule H Capacity - New Smyrna Beach	Nov-85	see note (1)	Other	Sale	1.00
12	Chattahoochee	Jan-03	Dec-17	Other	Purch	5.25
13	Vandolah (NSG)	Jun-12	May-27	Other	Puch	655.00
14	Shady Hills Tolling Agreement	Apr-07	Apr-24	Other	Purch	515.00
15	Calpine Osprey	Oct-14	Dec-16	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	Midcourse Projection Total	Variance Total
1 Capacity Revenues			
2 Capacity Cost Recovery Revenues (net of tax)	\$487,573,513	\$480,228,699	\$7,344,813
3 Prior Period True-Up Provision Over/(Under) Recovery	(35,762,070)	(35,762,070)	0
4 Current Period Revenues (net of tax)	<u>451,811,442</u>	<u>444,466,629</u>	<u>7,344,813</u>
6 Capacity Costs			
7 Base Production Level Capacity Costs			
8 Orange Cogen (ORANGECO)	56,354,954	57,630,089	(1,275,135)
9 Orlando Cogen Limited (ORLACOGL)	66,804,417	57,748,714	9,055,703
10 Pasco County Resource Recovery (PASCOUNT)	20,033,920	20,134,200	(100,280)
11 Pinellas County Resource Recovery (PINCOUNT)	47,689,443	47,928,156	(238,713)
12 Polk Power Partners, L.P. (MULBERRY/ROYSTER)	79,211,169	79,017,401	193,768
13 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	8,155,306	9,592,506	(1,437,200)
14 Southern - Sherer	9,575,232	8,826,318	748,914
15 Calpine Osprey	[REDACTED]	[REDACTED]	[REDACTED]
16 Subtotal - Base Level Capacity Costs	[REDACTED]	[REDACTED]	[REDACTED]
17 Base Production Jurisdictional Responsibility	92.885%	92.885%	0.000%
18 Base Level Jurisdictional Capacity Costs	[REDACTED]	[REDACTED]	[REDACTED]
20 Intermediate Production Level Capacity Costs			
21 Southern - Franklin	45,241,518	44,646,347	595,171
22 Schedule H Capacity Sales - NSB & RCID	0	(16,080)	16,080
23 Subtotal - Intermediate Level Capacity Costs	<u>45,241,518</u>	<u>44,630,267</u>	<u>611,251</u>
24 Intermediate Production Jurisdictional Responsibility	72.703%	72.703%	0.000%
25 Intermediate Level Jurisdictional Capacity Costs	<u>32,891,940</u>	<u>32,447,543</u>	<u>444,397</u>
27 Peaking Production Level Capacity Costs			
28 Chattahoochee	0	0	0
29 Vandolah (RRI)	0	0	0
30 Shady Hills Power Company LLC	25,888,088	26,804,941	(916,854)
31 Vandolah (NSG)	<u>38,754,425</u>	<u>38,224,991</u>	<u>529,434</u>
32 Subtotal - Peaking Level Capacity Costs	<u>64,642,513</u>	<u>65,029,932</u>	<u>(387,420)</u>
33 Peaking Production Jurisdictional Responsibility	95.924%	95.924%	0.000%
34 Peaking Level Jurisdictional Capacity Costs	<u>62,007,684</u>	<u>62,379,312</u>	<u>(371,628)</u>
36 Other Capacity Costs			
37 Retail Wheeling	(241,063)	(287,244)	46,181
38 Batch 19 Nuclear Fuel	[REDACTED]	[REDACTED]	[REDACTED]
39 January 2016 True-Up Balance Adjustment	0	14,191,484	(14,191,484)
40 Other Jurisdictional Capacity Costs	[REDACTED]	[REDACTED]	[REDACTED]
42 Subtotal Jurisdictional Capacity Costs (Line 18+25+34+40)	94,658,561	108,731,096	(14,072,534)
44 Nuclear Cost Recovery Clause Costs			
45 Levy Costs	0	0	0
46 CR3 Uprate Costs	56,469,745	56,469,745	0
47 Total NCRC Costs - Order No. PSC-15-0586-FOF-EI	<u>56,469,745</u>	<u>56,469,745</u>	<u>0</u>
49 Total Jurisdictional Capacity Costs (Line 42+47)	151,128,306	165,200,840	(14,072,534)
51 True-Up Provision			
52 True-Up Provision - Over/(Under) Recov (Line 4-49)	14,754,463	0	14,754,463
53 Interest Provision for the Month	(89,229)	0	(89,229)
54 Current Cycle Balance - Over/(Under)	<u>14,665,234</u>	<u>0</u>	<u>14,665,234</u>
56 Prior Period Balance - Over/(Under) Recovered	(35,762,070)	(35,762,070)	0
57 Prior Period Cumulative True-Up Collected/(Refunded)	<u>35,762,070</u>	<u>35,762,070</u>	<u>(0)</u>
58 Prior Period True-up Balance - Over/(Under)	0	0	0
59 Net Capacity True-up Over/(Under) (Line 54+58)	<u>\$14,665,234</u>	<u>\$0</u>	<u>\$14,665,234</u>