



Matthew R. Bernier
Senior Counsel

March 2, 2016

VIA ELECTRONIC FILING

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

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

Dear Ms. Stauffer:

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

- DEF's Petition for Approval of Fuel and Capacity Cost Recovery Actual True-Ups for the Period ending December 2015; and
- Direct Testimony of Christopher Menendez with Exhibit No. ____ (CAM-1T), Exhibit No. ____ (CAM-2T), Exhibit No. ____ (CAM-3T) and Exhibit No. ____ (CAM-4T).

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

Respectfully,

/s/ Matthew R. Bernier
Matthew R. Bernier

MRB/mw
Enclosures

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 to the following this 2nd day of March, 2016.

/s/ Matthew R. Bernier

Attorney

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re: Fuel and Purchased Power Cost
Recovery Clause with Generating
Performance Incentive Factor

Docket No. 160001-EI

Filed: March 2, 2016

**PETITION FOR APPROVAL OF FUEL COST RECOVERY AND CAPACITY
COST RECOVERY ACTUAL TRUE-UPS
FOR THE PERIOD ENDING DECEMBER 2015**

Duke Energy Florida, LLC (“DEF”), hereby petitions the Commission for approval of DEF’s actual Fuel and Purchased Power Cost Recovery (“FCR”) true-up amount of \$116,563,080 over-recovery and actual Capacity Cost Recovery (“CCR”) true-up amount of \$35,762,070 under-recovery for the period ending December 2015. In support of this Petition, DEF states as follows:

1. The actual \$116,563,080 FCR over-recovery for the period January 2015 through December 2015 was calculated in accordance with the methodology set forth in Schedule 1, page 2 of 2, attached to Order No. 10093, dated June 19, 1981. This calculation and the supporting documentation are contained in the prepared testimony and exhibits of DEF witness Christopher A. Menendez, which is being filed together with the Petition and is incorporated herein by reference.

2. By Order No. PSC-15-0586-FOF-EI, the Commission approved a levelized FCR Factor of 3.677 cents/kWh for the 12-month period commencing January 2016. This FCR Factor reflected an “estimated/actual” over-recovery including interest for the period January 2015 through December 2015 of \$78,731,031. The actual over-recovery including interest for the period January 2015 through December 2015 is \$116,563,080. The \$116,563,080 actual over-recovery less the estimated/actual over-recovery of

\$78,731,031 results in the total over-recovery of \$37,832,048. On March 1, 2016, the Commission voted to approve DEF's February 8, 2016 Midcourse Filing, which included the total over-recovery of \$37,832,048 in the calculation of DEF's new FCR Factors for the period beginning April 2016.

3. The actual \$35,762,070 CCR under-recovery for the period January 2015 through December 2015 was calculated in accordance with the methodology set forth in Order No. 25773, dated February 24, 1992. This calculation and the supporting documentation are contained in the prepared testimony and exhibits of DEF witness Christopher A. Menendez.

4. By Order No. PSC-15-0586-FOF-EI, the Commission approved CCR Factors for the 12-month period commencing January 2016. These factors reflected an estimated/actual under-recovery, including interest, for the period January 2015 through December 2015 of \$38,643,255. The actual under-recovery, including interest, for the period January 2015 through December 2015 is \$35,762,070. The \$35,762,070 actual under-recovery, less the estimated/ actual under-recovery of \$38,643,255 which is currently reflected in charges for the period beginning January 2016, results in a total over-recovery of \$2,881,185. On March 1, 2016, the Commission voted to approve DEF's February 8, 2016 Midcourse Filing, which included the total over-recovery of \$2,881,185 in the calculation of DEF's new CCR Factors for the period beginning April 2016.

WHEREFORE, DEF respectfully requests the Commission to approve the net \$37,832,048 FCR over-recovery as the actual true-up amount for the period ending December 2015; and to approve the net \$2,881,185 CCR over-recovery as the actual true-up amount for the period ending December 2015.

Respectfully submitted,

s/Matthew R. Bernier

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DUKE ENERGY FLORIDA

DOCKET No. 160001-EI

**Fuel and Capacity Cost Recovery
Actual True-Up for the Period
January through December, 2015**

**DIRECT TESTIMONY OF
Christopher A. Menendez**

March 2, 2016

1 **Q. Please state your name and business address.**

2 A. My name is Christopher A. Menendez. My business address is 299 First
3 Avenue North, St. Petersburg, Florida 33701.

4

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

6 A. I am employed by Duke Energy Florida, LLC, as Rates and Regulatory
7 Strategy Manager.

8

9 **Q. What are your responsibilities in that position?**

10 A. I am responsible for regulatory planning and cost recovery for Duke Energy
11 Florida, LLC (“DEF” or the “Company”). These responsibilities include
12 completion of regulatory financial reports and analysis of state, federal, and
13 local regulations and their impacts on DEF. In this capacity, I am
14 responsible for DEF’s Final True-Up, Estimated/Actual Projection and
15 Projection Filings in the Fuel Clause, Capacity Cost Recovery Clause and
16 Environmental Cost Recovery Clause.

DUKE ENERGY FLORIDA

1 **Q. Please describe your educational background and professional**
2 **experience.**

3 A. I joined the Company on April 7, 2008 as a Senior Financial Specialist in
4 the Florida Planning & Strategy group. In that capacity, I supported the
5 development of long-term financial forecasts and the development of
6 current-year monthly earnings and cash flow projections. In 2011, I
7 accepted a position as a Senior Business Financial Analyst in the Power
8 Generation Florida Finance organization. In that capacity, I provided
9 accounting and financial analysis support to various generation facilities
10 in DEF's Fossil fleet. In 2013, I accepted a position as a Senior
11 Regulatory Specialist. In that capacity, I supported the preparation of
12 testimony and exhibits for the Fuel Docket as well as other Commission
13 Dockets. In October 2014, I was promoted to my current position. Prior
14 to working at DEF, I was the Manager of Inventory Accounting and
15 Control for North American Operations at Cott Beverages. In this role, I
16 was responsible for inventory-related accounting and inventory control
17 functions for Cott-owned manufacturing plants in the United States and
18 Canada. I received a Bachelor of Science degree in Accounting from the
19 University of South Florida, and I am a Certified Public Accountant in the
20 State of Florida.

1 **Q. What is the purpose of your testimony?**

2 A. The purpose of my testimony is to provide DEF's Fuel Adjustment Clause
3 final true-up amount for the period of January 2015 through December
4 2015, and DEF's Capacity Cost Recovery Clause final true-up amount for
5 the same period.

6

7 **Q. Have you prepared exhibits to your testimony?**

8 A. Yes, I have prepared and attached to my true-up testimony as Exhibit No.
9 ____(CAM-1T), a Fuel Adjustment Clause true-up calculation and related
10 schedules; Exhibit No. ____(CAM-2T), a Capacity Cost Recovery Clause true-
11 up calculation and related schedules; Exhibit No. ____(CAM-3T), Schedules
12 A1 through A3, A6, and A12 for December 2015, year-to-date; and Exhibit
13 No. ____(CAM-4T), a schedule outlining the 2015 capital structure and cost
14 rates applied to capital projects. Exhibit No. ____(CAM-4T) is included for
15 informational purposes only, as DEF's 2015 Actual True-Up Filing does not
16 include a capital return component. Schedules A1 through A9, and A12 for
17 the year ended December 31, 2015, were previously filed with the
18 Commission on January 20, 2016. Revised Schedules A3 and A4 for the
19 year ended December 31, 2015 were filed with the Commission on
20 February 10, 2016.

1 **Q. What is the source of the data that you will present by way of**
2 **testimony or exhibits in this proceeding?**

3 A. Unless otherwise indicated, the actual data is taken from the books and
4 records of the Company. The books and records are kept in the regular
5 course of business in accordance with generally accepted accounting
6 principles and practices, and provisions of the Uniform System of Accounts
7 as prescribed by this Commission. The Company relies on the information
8 included in this testimony in the conduct of its affairs.

9
10 **Q. Would you please summarize your testimony?**

11 A. Per Order No. PSC-15-0586-FOF-EI, the projected 2015 fuel adjustment
12 true-up amount was an over-recovery of \$78.7 million. The actual over-
13 recovery for 2015 was \$116.6 million resulting in a final fuel adjustment
14 true-up over-recovery amount of \$37.8 million. Exhibit No. __ (CAM-1T).

15
16 The projected 2015 capacity cost recovery true-up amount was an under-
17 recovery of \$38.6 million. The actual amount for 2015 was an under-
18 recovery of \$35.8 million resulting in a final capacity true-up over-recovery
19 amount of \$2.9 million. Exhibit No. __ (CAM-2T).

1 **FUEL COST RECOVERY**

2 **Q. What is DEF's jurisdictional ending balance as of December 31, 2015**
3 **for fuel cost recovery?**

4 A. The actual ending balance as of December 31, 2015 for true-up purposes is
5 an over-recovery of \$116,563,080.

6
7 **Q. How does this amount compare to DEF's estimated 2015 ending**
8 **balance included in the Company's estimated/actual true-up filing?**

9 A. The actual true-up amount attributable to the January - December 2015
10 period is an over-recovery of \$116,563,080, which is \$37,832,048 higher
11 than the re-projected year end over-recovery balance of \$78,731,031.

12
13 **Q. How was the final true-up ending balance determined?**

14 A. The amount was determined in the manner set forth on Schedule A2 of the
15 Commission's standard forms previously submitted by the Company on a
16 monthly basis.

17
18 **Q. What factors contributed to the period-ending jurisdictional over-**
19 **recovery of \$116,563,080 shown on your Exhibit No. __ (CAM-1T)?**

20 A. The factors contributing to the over-recovery are summarized on Exhibit No.
21 __ (CAM-1T), sheet 1 of 7. Net jurisdictional fuel revenues were favorable
22 to the forecast by \$60.3 million, while jurisdictional fuel and purchased
23 power expense decreased \$44.6 million, resulting in a difference in

1 jurisdictional fuel revenue and expense of \$104.9 million. The \$60.3 million
2 increase in jurisdictional fuel revenues is primarily attributable to the 2013
3 Revised and Restated Stipulation and Settlement Agreement (RRSSA)
4 refund of \$40 million set forth in RRSSA paragraph 6.b and a favorable
5 sales variance for the year. The \$40 million refund is accounted for as an
6 increase to retail revenue in actuals, resulting in the revenue variance, but
7 is treated as a reduction to fuel and purchased power expense in the 2015
8 Projection filing. The \$44.6 million decrease in jurisdictional fuel and
9 purchased power expense is primarily attributable to a favorable system
10 variance from projected fuel and net purchased power of \$38.5 million as
11 more fully described below. The RRSSA refunds and adjustments are also
12 discussed more fully below. The \$116.6 million over-recovery also includes
13 the deferral of \$11.6 million of 2014 over-recovery approved in Order No.
14 PSC-15-0586-FOF-EI. The net result of the difference in jurisdictional fuel
15 revenues and expenses of \$104.9 million, plus the 2014 deferral of \$11.6
16 million and plus the 2015 interest provision calculated on the deferred
17 balance throughout the year, is an over-recovery of \$116.6 million as of
18 December 31, 2015.

1 **Q. Please explain the components contributing to the \$37.8 million**
2 **variance between the actual over-recovery of \$116.6 million and the**
3 **approved, estimated/actual over-recovery of \$78.7 million.**

4 A. The major factors contributing to the \$37.8 million variance are a \$19.1
5 million increase in sales and a \$17.5 million decrease in system fuel and
6 net power costs.

7

8 **Q. Please explain the components shown on Exhibit No. __ (CAM-1T),**
9 **sheet 6 of 7, which helps to explain the \$38.5 million favorable system**
10 **variance from the projected cost of fuel and net purchased power**
11 **transactions.**

12 A. Exhibit No. __ (CAM-1T), sheet 6 of 7 is an analysis of the system dollar
13 variance for each energy source in terms of three interrelated components;
14 (1) changes in the amount (MWH's) of energy required; (2) changes in
15 the heat rate of generated energy (BTU's per KWH); and (3) changes in
16 the unit price of either fuel consumed for generation (\$ per million BTU) or
17 energy purchases and sales (cents per KWH). The \$38.5 million favorable
18 system variance is mainly attributable to lower than projected fuel pricing,
19 partially offset by higher than expected purchased power transactions and
20 the \$40 million RRSSA refund, which was treated as a reduction to fuel
21 expense for rate-making purposes in DEF's Projection filing, but was
22 treated as an adjustment to revenue in actuals.

1 **Q. Does this period ending true-up balance include any noteworthy**
2 **adjustments to fuel expense?**

3 A. Yes. Noteworthy adjustments are shown on Exhibit No. ____(CAM-3T) in the
4 footnote to line 6b on page 1 of 2, Schedule A2.

5
6 **Q. Did the Company make an adjustment for changes in coal inventory**
7 **based on an Aerial Survey?**

8 A. Yes, DEF included a unfavorable adjustment of \$2.2 million to coal
9 inventory, which is attributable to the semi-annual aerial surveys conducted
10 on May 12, 2015 and October 26, 2015 in accordance with Order No. PSC-
11 97-0359-FOF-EI, issued in Docket No. 970001-EI. This adjustment
12 represents 0.46% of the total coal consumed at the Crystal River facility in
13 2015.

14
15 **Q. Were there any impacts to the 2015 True-up filing associated with the**
16 **2013 RRSSA?**

17 A. Yes. Paragraphs 6.a, 6.b, and 7.a all impact the 2015 true-up. Paragraph
18 6.a requires DEF to refund to Residential and General Service Non-
19 Demand customers \$10 million in 2015 through the Fuel Clause, allocated
20 94% to Residential and 6% to General Service Non-Demand. Paragraph
21 6.b requires DEF to refund retail customers \$40 million in 2015 through the
22 Fuel Clause. Paragraph 7.a allows DEF to increase fuel rates by
23 \$1.00/mWh, or 0.10 ¢/kWh, for the accelerated recovery of the carrying

1 charges associated with the CR3 Regulatory Asset and requires that the
2 increases be added to the fuel factor at secondary metering consistent with
3 the normal fuel projection process. These impacts are addressed further in
4 the testimony below.

5
6 **Q. Have you included these impacts in your calculation of the true-up**
7 **balance?**

8 A. Yes.

9
10 **Q. Please describe where the impact of paragraph 6.a is included in your**
11 **schedules and how this is included in the final true-up amount?**

12 A. The 2015 Projection Filing, approved in Commission Order PSC-14-0701-
13 FOF-EI, established the refund of the \$10 million through a reduction in
14 2015 fuel rates for Residential and General Service, Non-Demand
15 customers. The rate reduction is inherently reflected in the Jurisdictional
16 Fuel Revenues reported in Exhibit No. ___ (CAM-1T) (Sheets 2 and 3 of 7)
17 on line C1. The refund of \$10 million is shown on line C.1c. This amount is
18 included in the 2015 fuel revenue applicable to period shown in line C.3
19 which is then used in the calculation of the total true-up balance (line C.13).

1 **Q. Please describe where the impact of paragraph 6.b is included in your**
2 **schedules and how this is included in the final true-up amount?**

3 A. Exhibit No. ___ (CAM-1T) (Sheets 2 and 3 of 7) shows the refund of \$40
4 million on line C.1a allocated evenly over the 12-month period. This
5 amount is included in the 2015 fuel revenue applicable to period shown in
6 line C.3 which is then used in the calculation of the total true-up balance
7 (line C.13).

8
9 **Q. Please describe where the impact of paragraph 7.a is included in your**
10 **schedules and how this is included in the final true-up amount?**

11 A. Exhibit No. ___ (CAM-1T) (Sheets 2 and 3 of 7) shows the fuel adjustment
12 to revenue of \$38.6 million on line C.1b. This amount is removed from the
13 2015 fuel revenue applicable to period shown in line C.3 which is then used
14 in the calculation of the total true-up balance (line C.13).

15
16 **Q. Did DEF exceed the economy sales threshold in 2015?**

17 A. Yes. DEF did exceed the gain on economy sales threshold of \$1.7 million
18 in 2015. As reported on Schedule A1, Line 15a, the gain for the year-to-
19 date period through December 2015 was \$3.7 million. Consistent with
20 Order No. PSC-01-2371-FOF-EI, shareholders retain 20% of the gain in
21 excess of the three-year rolling average. For 2015, that amount is \$0.4
22 million.

1 **Q. Has the three-year rolling average gain on economy sales included in**
2 **the Company's filing for the November 2016 hearings been updated to**
3 **incorporate actual data for all of year 2015?**

4 A. Yes. DEF has calculated its three-year rolling average gain on economy
5 sales, based entirely on actual data for calendar years 2013 through 2015,
6 as follows:

	<u>Year</u>	<u>Actual Gain</u>
	2013	\$427,107
	2014	\$4,493,609
	2015	<u>\$3,720,655</u>
	Three-Year Average	<u>\$2,880,457</u>

1 **CAPACITY COST RECOVERY**

2

3 **Q. What is the Company's jurisdictional ending balance as of December**
4 **31, 2015 for capacity cost recovery?**

5 A. The actual ending balance as of December 31, 2015 for true-up purposes is
6 an under-recovery of \$35,762,070.

7

8 **Q. How does this amount compare to the estimated 2015 ending balance**
9 **included in the Company's estimated/actual true-up filing?**

10 A. When the estimated 2015 under-recovery of \$38,643,255 is compared to
11 the \$35,762,070 actual under-recovery, the final capacity true-up for the
12 twelve month period ended December 2015 is an over-recovery of
13 \$2,881,185.

14

15 **Q. Is this true-up calculation consistent with the true-up methodology**
16 **used for the other cost recovery clauses?**

17 A. Yes. The calculation of the final net true-up amount follows the procedures
18 established by the Commission in Order No. PSC-96-1172-FOF-EI. The
19 true-up amount was determined in the manner set forth on the
20 Commission's standard forms previously submitted by the Company on a
21 monthly basis.

22

1 **Q. What factors contributed to the actual period-end capacity over-**
2 **recovery of \$2.8 million?**

3 A. Exhibit No. __ (CAM-2T, sheet 1 of 3) compares actual results to the original
4 projection for the period. The \$2.8 million over-recovery is due primarily to
5 an understatement of projected capacity expenses of approximately \$7.0
6 million. The misstatement was the result of DEF incorrectly projecting an
7 annual capacity expense component for a few contracts. The misstatement
8 was made in the projection only; actuals were unaffected. This was offset
9 by an accounting error of \$8.8 million that understated actual capacity
10 expense in December 2015; this was corrected in January 2016. These
11 issues were both known and corrected in DEF's Midcourse petition filed on
12 February 8, 2016 in Docket No. 160001-EI.

13
14 **Q. Does this conclude your direct true-up testimony?**

15 A. Yes.

Duke Energy Florida
 Fuel Adjustment Clause
 Summary of Actual True-Up Amount
 January through December 2015

Line No.	Description	Contribution to Over/(Under) Recovery Period to Date
	KWH Sales:	
1	Jurisdictional Kwh sales - difference	767,592,894
2	Non-Jurisdictional Kwh sales - difference	118,705,542
3	Total System Kwh sales - difference Schedule A2, pg 1 of 2, line B3	<u>886,298,436</u>
	System:	
4	Fuel and Net Purchased Power Costs - difference Schedule A2, page 2 of 2, line C4	<u>\$ (38,537,149)</u>
	Jurisdictional:	
5	Fuel Revenues - difference Schedule A2, page 2 of 2, line C3	\$ 60,315,187
6	Fuel and Net Purchased Power Costs - difference Schedule A2, page 2 of 2, line C6 - C12 - C7	<u>(44,625,243)</u>
7	True Up amount for the period	104,940,430
8	True Up for the prior period Schedule A2, page 2 of 2, lines C9 + C10	11,604,968
9	Interest Provision Schedule A2, page 2 of 2, line C8	<u>17,682</u>
10	Actual True Up ending balance for the period January 2015 through December 2015 Schedule A2, page 2 of 2, line C13	116,563,080
11	Estimated True Up ending balance for the period included in the filing of Levelized Fuel Cost Factors January through December 2015, Docket No. 150001-EI.	78,731,031
12	Total True Up for the period January 2015 through December 2015	<u>\$ 37,832,048</u>

Duke Energy Florida
 Calculation of Actual True-up
 For the Period of January through December 2015

		JAN	FEB	MAR	APR	MAY	JUN	6 MONTH SUB-	
		ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	TOTAL	
A	1	Fuel Cost of System Generation	\$ 100,097,800	\$ 97,550,693	\$ 103,349,547	\$ 112,810,811	\$ 128,846,041	\$ 134,240,962	\$ 676,895,855
	2	Fuel Cost of Power Sold	(3,943,219)	(3,521,334)	(2,126,058)	(2,598,022)	(5,784,393)	(5,380,107)	(23,353,133)
	3	Fuel Cost of Purchased Power	7,520,849	7,910,824	10,237,409	14,882,323	12,928,988	24,457,418	77,937,812
	3a	Demand and Non-Fuel Cost of Purchased Power							-
	3b	Energy Payments to Qualified Facilities	8,990,368	8,182,122	8,070,423	9,132,303	10,888,108	10,001,969	55,265,293
	4	Energy Cost of Economy Purchases	452,250	582,968	600,426	654,836	460,058	420,572	3,171,110
	5	Adjustments to Fuel Cost	(14,256)	(21,380)	(143,979)	(17,701)	(17,248)	(16,864)	(231,427)
	6	TOTAL FUEL & NET POWER TRANSACTIONS	<u>113,103,792</u>	<u>110,683,892</u>	<u>119,987,769</u>	<u>134,864,551</u>	<u>147,321,554</u>	<u>163,723,951</u>	<u>789,685,509</u>
		(Sum of Lines A1 Through A5)							
B	1	Jurisdictional MWH Sales	2,654,267	2,638,626	2,812,088	2,933,622	3,114,914	3,580,025	17,733,543
	2	Non-Jurisdictional MWH Sales	30,765	17,672	21,095	27,293	40,872	40,062	177,760
	3	TOTAL SALES (Lines B1 + B2)	<u>2,685,032</u>	<u>2,656,299</u>	<u>2,833,182</u>	<u>2,960,916</u>	<u>3,155,787</u>	<u>3,620,087</u>	<u>17,911,302</u>
	4	Jurisdictional % of Total Sales (Line B1/B3)	98.85%	99.33%	99.26%	99.08%	98.70%	98.89%	99.01%
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	119,677,266	119,280,708	127,253,695	133,158,428	142,927,573	165,551,705	807,849,374
	1a	RRSSA Refund - \$40M	3,333,333	3,333,333	3,333,333	3,333,333	3,333,333	3,333,333	20,000,000
	1b	RRSSA Fuel Adjustment	(2,654,267)	(2,638,626)	(2,812,088)	(2,933,622)	(3,114,914)	(3,580,025)	(17,733,542)
	1c	RRSSA Refund - \$10M	833,333	833,333	833,333	833,333	833,333	833,333	5,000,000
	2	True-Up Provision	(6,139,350)	(6,139,350)	(6,139,350)	(6,139,350)	(6,139,350)	(6,139,350)	(36,836,102)
	2a	Incentive Provision	(185,988)	(185,988)	(185,988)	(185,988)	(185,988)	(185,988)	(1,115,927)
	3	FUEL REVENUE APPLICABLE TO PERIOD	<u>114,864,327</u>	<u>114,483,410</u>	<u>122,282,936</u>	<u>128,066,135</u>	<u>137,653,987</u>	<u>159,813,009</u>	<u>777,163,803</u>
		(Sum of Lines C1 Through C2a)							
	4	Fuel & Net Power Transactions (Line A6)	113,103,792	110,683,892	119,987,769	134,864,551	147,321,554	163,723,951	789,685,509
	5	Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	<u>111,968,567</u>	<u>110,105,025</u>	<u>119,161,791</u>	<u>133,693,281</u>	<u>145,481,985</u>	<u>161,990,807</u>	<u>782,401,456</u>
	6	Over/(Under) Recovery (Line 3 - Line 5)	2,895,760	4,378,385	3,121,145	(5,627,147)	(7,827,998)	(2,177,798)	(5,237,653)
	7	Interest Provision	(4,604)	(3,822)	(3,031)	(1,981)	(2,352)	(2,597)	(18,387)
	8	TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	<u>2,891,156</u>	<u>4,374,563</u>	<u>3,118,113</u>	<u>(5,629,127)</u>	<u>(7,830,350)</u>	<u>(2,180,395)</u>	<u>(5,256,040)</u>
	9	Plus: Prior Period Balance	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)
	10	Plus: Cumulative True-Up Provision	6,139,350	12,278,701	18,418,051	24,557,401	30,696,751	36,836,102	36,836,102
	11	Subtotal Prior Period True-up	(55,927,885)	(49,788,535)	(43,649,184)	(37,509,834)	(31,370,484)	(25,231,134)	(25,231,134)
	12	Regulatory Accounting Adjustment	0	0	0	0	0	0	-
	13	TOTAL TRUE-UP BALANCE	<u>(\$53,036,729)</u>	<u>(42,522,815)</u>	<u>(\$33,265,352)</u>	<u>(\$32,755,129)</u>	<u>(\$34,446,129)</u>	<u>(\$30,487,175)</u>	<u>(\$30,487,175)</u>

Duke Energy Florida
 Calculation of Actual True-up
 For the Period of January through December 2015

		JUL ACTUAL	AUG ACTUAL	SEPT ACTUAL	OCT ACTUAL	NOV ACTUAL	DEC ACTUAL	12 MONTH PERIOD	
A	1	Fuel Cost of System Generation	\$ 134,971,906	\$ 136,167,259	\$ 123,877,804	\$ 102,877,886	\$ 86,223,146	\$ 87,562,430	\$ 1,348,576,285
	2	Fuel Cost of Power Sold	(3,741,183)	(4,611,863)	(2,407,645)	(1,960,420)	(2,093,316)	(521,220)	(38,688,780)
	3	Fuel Cost of Purchased Power	15,685,752	18,818,065	14,688,043	18,882,967	19,496,193	7,720,621	173,229,452
	3a	Demand and Non-Fuel Cost of Purchased Power							0
	3b	Energy Payments to Qualified Facilities	10,765,678	11,400,036	10,608,406	8,805,289	10,236,627	10,642,495	117,723,823
	4	Energy Cost of Economy Purchases	738,688	(143,040)	294,192	529,139	687,147	101,778	5,379,013
	5	Adjustments to Fuel Cost	2,166,175	(16,699)	(19,357)	(16,722)	(10,706)	(18,543)	1,852,721
	6	TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	<u>160,587,015</u>	<u>161,613,758</u>	<u>147,041,443</u>	<u>129,118,138</u>	<u>114,539,090</u>	<u>105,487,560</u>	<u>1,608,072,513</u>
B	1	Jurisdictional MWH Sales	3,728,754	3,837,385	3,761,238	3,282,016	3,354,008	2,856,238	38,553,182
	2	Non-Jurisdictional MWH Sales	34,255	40,897	33,220	29,891	23,549	18,555	358,127
	3	TOTAL SALES (Lines B1 + B2)	<u>3,763,010</u>	<u>3,878,282</u>	<u>3,794,458</u>	<u>3,311,907</u>	<u>3,377,557</u>	<u>2,874,793</u>	<u>38,911,308</u>
	4	Jurisdictional % of Total Sales (Line B1/B3)	99.09%	98.95%	99.12%	99.10%	99.30%	99.35%	99.08%
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	173,664,390	177,869,035	174,482,205	151,101,290	153,223,661	125,316,286	1,763,506,241
	1a	RRSSA Refund - \$40M	3,333,333	3,333,333	3,333,333	3,333,333	3,333,333	3,333,333	40,000,000
	1b	RRSSA Fuel Adjustment	(3,728,755)	(3,837,000)	(3,761,622)	(3,282,016)	(3,354,007)	(2,856,240)	(38,553,183)
	1c	RRSSA Refund - \$10M	833,333	833,333	833,333	833,333	833,333	833,333	10,000,000
	2	True-Up Provision	(6,139,350)	(6,139,350)	(6,139,350)	(6,139,350)	(6,139,350)	(6,139,350)	(73,672,203)
	2a	Incentive Provision	(185,988)	(185,988)	(185,988)	(185,988)	(185,988)	(185,988)	(2,231,853)
	3	FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	<u>167,776,964</u>	<u>171,873,363</u>	<u>168,561,912</u>	<u>145,660,602</u>	<u>147,710,983</u>	<u>120,301,375</u>	<u>1,699,049,002</u>
	4	Fuel & Net Power Transactions (Line A6)	160,587,015	161,613,758	147,041,443	129,118,138	114,539,090	105,487,560	1,608,072,513
	5	Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	<u>159,208,419</u>	<u>159,999,971</u>	<u>145,823,266</u>	<u>128,022,612</u>	<u>113,796,460</u>	<u>104,856,388</u>	<u>1,594,108,572</u>
	6	Over/(Under) Recovery (Line 3 - Line 5)	8,568,545	11,873,393	22,738,645	17,637,991	33,914,523	15,444,986	104,940,429
	7	Interest Provision	(1,851)	(610)	1,667	4,300	8,241	24,322	17,683
	8	TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	<u>8,566,694</u>	<u>11,872,783</u>	<u>22,740,312</u>	<u>17,642,291</u>	<u>33,922,764</u>	<u>15,469,308</u>	<u>104,958,112</u>
	9	Plus: Prior Period Balance	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)
	10	Plus: Cumulative True-Up Provision	<u>42,975,452</u>	<u>49,114,802</u>	<u>55,254,152</u>	<u>61,393,503</u>	<u>67,532,853</u>	<u>73,672,203</u>	<u>73,672,203</u>
	11	Subtotal Prior Period True-up	(19,091,783)	(12,952,433)	(6,813,083)	(673,733)	5,465,618	11,604,968	11,604,968
	12	Regulatory Accounting Adjustment	0	0	0	0	0	0	-
	13	TOTAL TRUE-UP BALANCE	<u>(\$15,781,130)</u>	<u>\$2,231,003</u>	<u>\$31,110,666</u>	<u>\$54,892,307</u>	<u>\$94,954,421</u>	<u>\$116,563,080</u>	<u>\$116,563,080</u>

Docket No. 160001-EI

Witness: Menendez

Exhibit No. (CAM-1T)

Sheet 4 of 7

Duke Energy Florida
 Calculation of 2015 Estimated/Actual True-up
 For the Period of January through December 2015 (Filed August 4, 2015)

		JAN	FEB	MAR	APR	MAY	JUN	6 MONTH SUB-	
		ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL	TOTAL	
A	1	Fuel Cost of System Generation	\$ 100,097,800	\$ 97,550,693	\$ 103,349,547	\$ 112,810,811	\$ 128,846,041	\$ 134,240,962	\$ 676,895,854
	2	Fuel Cost of Power Sold	(3,943,219)	(3,521,334)	(2,126,058)	(2,598,023)	(5,784,393)	(5,380,107)	(23,353,134)
	3	Fuel Cost of Purchased Power	7,520,849	7,910,824	10,237,409	14,882,323	12,928,988	24,457,418	77,937,812
	3a	Demand and Non-Fuel Cost of Purchased Power							0
	3b	Energy Payments to Qualified Facilities	8,990,368	8,182,122	8,070,423	9,132,303	10,888,108	10,001,969	55,265,293
	4	Energy Cost of Economy Purchases	452,250	582,968	600,426	654,836	460,058	420,572	3,171,110
	5	Adjustments to Fuel Cost	(14,256)	(21,380)	(143,979)	(17,701)	(17,248)	(16,864)	(231,427)
	6	TOTAL FUEL & NET POWER TRANSACTIONS	<u>113,103,792</u>	<u>110,683,892</u>	<u>119,987,768</u>	<u>134,864,550</u>	<u>147,321,554</u>	<u>163,723,951</u>	<u>789,685,508</u>
		(Sum of Lines A1 Through A5)							
B	1	Jurisdictional MWH Sales	2,654,267	2,638,626	2,812,088	2,933,622	3,114,914	3,580,025	17,733,542
	2	Non-Jurisdictional MWH Sales	30,765	17,672	21,095	27,293	40,872	40,062	177,760
	3	TOTAL SALES (Lines B1 + B2)	<u>2,685,032</u>	<u>2,656,298</u>	<u>2,833,182</u>	<u>2,960,915</u>	<u>3,155,787</u>	<u>3,620,087</u>	<u>17,911,302</u>
	4	Jurisdictional % of Total Sales (Line B1/B3)	98.85%	99.33%	99.26%	99.08%	98.70%	98.89%	99.01%
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	119,677,266	119,280,708	127,253,695	133,158,428	142,927,573	165,551,705	807,849,374
	1a	RRSSA Refund - \$40M	3,333,333	3,333,333	3,333,333	3,333,333	3,333,333	3,333,333	20,000,000
	1b	RRSSA Fuel Adjustment	(2,654,267)	(2,638,626)	(2,812,088)	(2,933,622)	(3,114,914)	(3,580,025)	(17,733,542)
	1c	RRSSA Refund - \$10M	833,333	833,333	833,333	833,333	833,333	833,333	5,000,000
	2	True-Up Provision	(6,139,350)	(6,139,350)	(6,139,350)	(6,139,350)	(6,139,350)	(6,139,350)	(36,836,100)
	2a	Incentive Provision	(185,988)	(185,988)	(185,988)	(185,988)	(185,988)	(185,988)	(1,115,928)
	3	FUEL REVENUE APPLICABLE TO PERIOD	<u>114,864,327</u>	<u>114,483,410</u>	<u>122,282,936</u>	<u>128,066,135</u>	<u>137,653,987</u>	<u>159,813,009</u>	<u>777,163,803</u>
		(Sum of Lines C1 Through C2a)							
	4	Fuel & Net Power Transactions (Line A6)	113,103,792	110,683,892	119,987,768	134,864,550	147,321,554	163,723,951	789,685,508
	5	Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	<u>111,968,567</u>	<u>110,105,025</u>	<u>119,161,791</u>	<u>133,693,280</u>	<u>145,481,985</u>	<u>161,990,807</u>	<u>782,401,455</u>
	6	Over/(Under) Recovery (Line 3 - Line 5)	2,895,760	4,378,385	3,121,145	(5,627,146)	(7,827,998)	(2,177,798)	(5,237,651)
	7	Interest Provision	(4,604)	(3,822)	(3,031)	(1,981)	(2,352)	(2,598)	(18,388)
	8	TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	<u>2,891,156</u>	<u>4,374,563</u>	<u>3,118,113</u>	<u>(5,629,126)</u>	<u>(7,830,350)</u>	<u>(2,180,396)</u>	<u>(5,256,039)</u>
	9	Plus: Prior Period Balance	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)
	10	Plus: Cumulative True-Up Provision	6,139,350	12,278,700	18,418,050	24,557,400	30,696,750	36,836,100	36,836,100
	11	Subtotal Prior Period True-up	<u>(55,927,885)</u>	<u>(49,788,535)</u>	<u>(43,649,185)</u>	<u>(37,509,835)</u>	<u>(31,370,485)</u>	<u>(25,231,135)</u>	<u>(25,231,135)</u>
	12	Regulatory Accounting Adjustment	0	0	0	0	0	0	-
	13	TOTAL TRUE-UP BALANCE	<u>(\$53,036,729)</u>	<u>(\$42,522,816)</u>	<u>(\$33,265,353)</u>	<u>(\$32,755,129)</u>	<u>(\$34,446,129)</u>	<u>(\$30,487,176)</u>	<u>(\$30,487,175)</u>

Duke Energy Florida
 Calculation of 2015 Estimated/Actual True-up
 For the Period of January through December 2015 (Filed August 4, 2015)

		JUL	AUG	SEPT	OCT	NOV	DEC	12 MONTH	
		ESTIMATED	ESTIMATED	ESTIMATED	ESTIMATED	ESTIMATED	ESTIMATED	PERIOD	
A	1	Fuel Cost of System Generation	\$ 133,700,347	\$ 136,097,823	\$ 126,593,806	\$ 104,928,147	\$ 92,423,994	\$ 105,359,517	\$ 1,375,999,488
	2	Fuel Cost of Power Sold	(3,094,091)	(3,019,450)	(2,848,461)	(2,645,355)	(2,066,890)	(1,256,433)	(38,283,814)
	3	Fuel Cost of Purchased Power	17,416,030	17,013,076	15,192,693	22,949,573	7,386,550	5,093,508	162,989,242
	3a	Demand and Non-Fuel Cost of Purchased Power	0	0	0	0	0	0	0
	3b	Energy Payments to Qualified Facilities	10,312,561	10,297,360	9,958,969	8,056,488	11,106,909	11,872,346	116,869,926
	4	Energy Cost of Economy Purchases	671,734	788,613	1,296,819	1,462,896	622,471	270,008	8,283,651
	5	Adjustments to Fuel Cost	(15,475)	(15,475)	(15,475)	(15,475)	(15,475)	(15,475)	(324,278)
	6	TOTAL FUEL & NET POWER TRANSACTIONS	<u>158,991,105</u>	<u>161,161,947</u>	<u>150,178,352</u>	<u>134,736,273</u>	<u>109,457,559</u>	<u>121,323,471</u>	<u>1,625,534,215</u>
		(Sum of Lines A1 Through A5)							
B	1	Jurisdictional MWH Sales	3,699,594	3,724,196	3,756,113	3,466,070	2,919,517	2,724,882	38,023,915
	2	Non-Jurisdictional MWH Sales	24,596	28,023	29,483	26,440	20,393	15,140	321,835
	3	TOTAL SALES (Lines B1 + B2)	<u>3,724,190</u>	<u>3,752,219</u>	<u>3,785,596</u>	<u>3,492,510</u>	<u>2,939,910</u>	<u>2,740,022</u>	<u>38,345,749</u>
	4	Jurisdictional % of Total Sales (Line B1/B3)	99.34%	99.25%	99.22%	99.24%	99.31%	99.45%	99.16%
C	1	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	170,744,713	171,885,672	173,365,900	159,914,463	134,566,793	125,540,147	1,743,867,062
	1a	RRSSA Refund - \$40M	3,333,333	3,333,333	3,333,333	3,333,333	3,333,333	3,333,333	40,000,000
	1b	RRSSA Fuel Adjustment	(3,699,594)	(3,724,196)	(3,756,113)	(3,466,070)	(2,919,517)	(2,724,882)	(38,023,915)
	1c	RRSSA Refund - \$10M	833,333	833,333	833,333	833,333	833,333	833,333	10,000,000
	2	True-Up Provision	(6,139,350)	(6,139,350)	(6,139,350)	(6,139,350)	(6,139,350)	(6,139,353)	(73,672,203)
	2a	Incentive Provision	(185,988)	(185,988)	(185,988)	(185,988)	(185,988)	(185,985)	(2,231,853)
	3	FUEL REVENUE APPLICABLE TO PERIOD	<u>164,886,447</u>	<u>166,002,805</u>	<u>167,451,116</u>	<u>154,289,722</u>	<u>129,488,604</u>	<u>120,656,594</u>	<u>1,679,939,091</u>
		(Sum of Lines C1 Through C2a)							
	4	Fuel & Net Power Transactions (Line A6)	158,991,105	161,161,947	150,178,352	134,736,273	109,457,559	121,323,471	1,625,534,215
	5	Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	<u>158,023,894</u>	<u>160,036,409</u>	<u>149,084,444</u>	<u>133,781,808</u>	<u>108,758,827</u>	<u>120,718,933</u>	<u>1,612,805,769</u>
	6	Over/(Under) Recovery (Line 3 - Line 5)	6,862,553	5,966,396	18,366,672	20,507,914	20,729,777	(62,339)	67,133,322
	7	Interest Provision	(1,914)	(910)	555	2,600	4,741	6,058	(7,258)
	8	TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	<u>6,860,639</u>	<u>5,965,486</u>	<u>18,367,226</u>	<u>20,510,514</u>	<u>20,734,518</u>	<u>(56,281)</u>	<u>67,126,063</u>
	9	Plus: Prior Period Balance	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)	(62,067,235)
	10	Plus: Cumulative True-Up Provision	42,975,450	49,114,800	55,254,150	61,393,500	67,532,850	73,672,203	73,672,203
	11	Subtotal Prior Period True-up	(19,091,785)	(12,952,435)	(6,813,085)	(673,735)	5,465,615	11,604,968	11,604,968
	12	Regulatory Accounting Adjustment	0	0	0	0	0	0	-
	13	TOTAL TRUE-UP BALANCE	<u>(\$17,487,187)</u>	<u>(\$5,382,350)</u>	<u>\$19,124,226</u>	<u>\$45,774,090</u>	<u>\$72,647,958</u>	<u>\$78,731,030</u>	<u>\$78,731,030</u>

Duke Energy Florida
 Fuel and Net Power Cost Variance Analysis
 January through December 2015

(A) Energy Source	(B) MWH Variances	(C) Heat Rate Variances	(D) Price Variances	(E) Total
1 Heavy Oil	0	0	0	0
2 Light Oil **	191,452,381	(179,869,137)	4,892,255	16,475,499
3 Coal	(76,314,164)	12,979,100	5,336,304	(57,998,760)
4 Gas	55,482,332	55,373,167	(171,306,346)	(60,450,847)
5 Nuclear	0	0	0	0
6 Other Fuel	0	0	0	0
7 Total Generation	<u>170,620,549</u>	<u>(111,516,870)</u>	<u>(161,077,787)</u>	<u>(101,974,108)</u>
8 Firm Purchases	119,492,398	0	(48,104,684)	71,387,714
9 Economy Purchases	(12,532,924)	0	1,560,064	(10,972,860)
10 Schedule E Purchases	0	0	0	0
11 Qualifying Facilities	(15,893,869)	0	(11,524,996)	(27,418,865)
12 Total Purchases	<u>91,065,605</u>	<u>0</u>	<u>(58,069,616)</u>	<u>32,995,989</u>
13 Economy Sales	0	0	0	0
14 Other Power Sales	(2,711,075)	0	(1,305,043)	(4,016,118)
15 Supplemental Sales	(13,267,453)	0	5,518,147	(7,749,306)
16 Total Sales	<u>(15,978,528)</u>	<u>0</u>	<u>4,213,104</u>	<u>(11,765,424)</u>
17 Nuclear Fuel Disposal Cost	0	0	0	0
18 Nuclear Decom & Decon	0	0	0	0
Other Jurisdictional Adjustments:				
19a RRSSA Refunds & Adjustments	0	0	40,190,452	40,190,452
19b Sch A2 Page 1 of 2 Line 6b, excl RRSSA	0	0	2,015,944	2,015,944
20 Total Fuel and Net Power Cost Variance	<u>245,707,626</u>	<u>(111,516,870)</u>	<u>(172,727,903)</u>	<u>(38,537,147)</u>

** The magnitude of the offsetting MWH and Heat Rate variances is driven by actual oil peaker generation as compared to the projection, which attributed the majority of light oil usage to startup activities. Total 2015 Light Oil expense was \$21 million.

Duke Energy Florida
 Summary of Revised and Restated Settlement Agreement (RRSSA) Adjustments
 For the Period of January through December 2015

Retail:

	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	12 Month Period	Schedule Reference	RRSSA Paragraph
1 RRSSA Refund (\$40 million)	3,333,333	3,333,333	3,333,333	3,333,333	3,333,333	3,333,333	3,333,333	3,333,333	3,333,333	3,333,333	3,333,333	3,333,333	40,000,000	CAM-1T Sheets 2&3, 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	CAM-1T Sheets 2&3, line C1c	6.a.
3 Total RRSSA Refunds (Lines 2 + 3)	4,166,667	4,166,667	4,166,667	4,166,667	4,166,667	4,166,667	4,166,667	4,166,667	4,166,667	4,166,667	4,166,667	4,166,667	50,000,000		
4 Retail mWh Sales	2,654,267	2,638,626	2,812,088	2,933,622	3,114,914	3,580,025	3,728,754	3,837,385	3,761,238	3,282,016	3,354,008	2,856,238	38,553,182	CAM-1T Sheets 2&3, line B1	
5 RRSSA Fuel Adjustment (\$/mWh)	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00			7.a. / 7.a(i)
6 Total RRSSA Fuel Adjustment to Revenue (Line 5 * 6)	(2,654,267)	(2,638,626)	(2,812,088)	(2,933,622)	(3,114,914)	(3,580,025)	(3,728,754)	(3,837,385)	(3,761,238)	(3,282,016)	(3,354,008)	(2,856,238)	(38,553,182)	CAM-1T Sheets 2&3, line C1b	

Duke Energy Florida
 Capacity Cost Recovery Clause
 Summary of Actual True-Up Amount
 January through December 2015

Line No.	Description	Actual	Original Estimate	Variance
	Jurisdictional:			
1	Capacity Cost Recovery Revenues Sheet 2 of 3, Line 41	\$ 420,726,463	\$ 492,144,492	\$ (71,418,029)
2	Capacity Cost Recovery Expenses Sheet 2 of 3, Line 37	442,474,325	492,144,492	(49,670,167)
3	Plus/(Minus) Interest Provision Sheet 2 of 3, Line 44	<u>(51,769)</u>	<u>0</u>	<u>(51,769)</u>
4	Sub Total Current Period Over/(Under) Recovery Sheet 2 of 3, Line 45	\$ (21,799,631)	\$ -	\$ (21,799,631)
5	Prior Period True-up - January through December 2015- Over/(Under) Recovery Sheet 2 of 3, Line 46	(30,953,685)	(16,991,246)	(13,962,439)
6	Prior Period True-up - January through December 2015 - (Refunded)/Collected Sheet 2 of 3, Line 47	<u>16,991,246</u>	<u>16,991,246</u>	<u>0</u>
7	Actual True-up ending balance Over/(Under) recovery for the period January through December 2015 Sheet 2 of 3, Line 50	\$ (35,762,070)	\$ -	\$ (35,762,070)
8	Estimated True-up ending balance for the period included in the filing of Levelized Fuel Cost Factors January through December 2015 Docket No. 150001-EI. (Sheet 3 of 3, Line 50)	(38,643,255)		
9	Total Over/(Under) Recovery for the period January through December 2015 (Line 7 - Line 8)	<u>\$ 2,881,185</u>		

Duke Energy Florida
 Capacity Cost Recovery Clause
 Calculation of Actual True-Up
 January Through December 2015

	ACTUAL JAN	ACTUAL FEB	ACTUAL MAR	ACTUAL APR	ACTUAL MAY	ACTUAL JUN	ACTUAL JUL	ACTUAL AUG	ACTUAL SEP	ACTUAL OCT	ACTUAL NOV	ACTUAL DEC	YTD
1 Base Production Level Capacity Charges:													
2 Orange Cogen (ORANGE CO)	3,108,487	3,266,545	3,266,545	3,266,545	3,266,545	3,266,545	3,266,545	3,266,545	3,266,545	3,266,545	3,266,545	3,266,545	39,040,487
3 Orlando Cogen Limited (ORLACOGL)	4,390,316	4,602,317	4,594,986	4,491,065	4,619,448	4,619,448	4,619,448	4,619,448	4,619,448	4,619,448	4,619,448	(4,170,709)	46,244,108
4 Pasco County Resource Recovery (PASCOUNT)	1,483,270	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	18,836,540
5 Pinellas County Resource Recovery (PINCOUNT)	3,530,828	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	44,839,155
6 Polk Power Partners, L.P. (MULBERRY)	5,999,259	6,306,018	6,306,018	6,306,018	6,306,018	6,287,309	6,306,018	6,306,018	6,306,018	6,306,018	6,306,018	6,306,018	75,346,748
7 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	661,873	698,574	715,513	729,448	741,070	754,330	717,450	677,120	665,502	655,232	623,134	622,230	8,261,478
8 Southern - Scherer	1,750,402	1,787,399	1,756,170	1,757,178	1,824,402	3,375,058	1,767,776	1,767,514	1,767,518	1,765,673	1,765,484	1,765,673	22,850,249
9 Calpine Osprey	1,405,950	1,465,539	1,443,650	1,443,650	1,443,650	1,443,650	1,443,650	1,443,650	1,443,650	1,443,650	1,443,650	1,443,650	17,307,989
10 Subtotal - Base Level Capacity Charges	22,330,384	23,459,265	23,415,755	23,326,778	23,534,006	25,079,213	23,453,759	23,413,168	23,401,554	23,389,439	23,357,152	14,566,281	272,726,754
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 Charges	20,741,577	21,790,139	21,749,724	21,667,078	21,859,562	23,294,827	21,785,024	21,747,321	21,736,533	21,725,280	21,695,291	13,529,890	253,322,245
13 Intermediate Production Level Capacity Charges:													
14 Southern - Franklin	3,119,543	3,290,615	3,174,459	3,182,635	3,179,430	2,251,554	3,181,573	3,180,294	3,504,765	3,171,307	3,170,383	3,171,307	37,577,865
15 Schedule H Capacity Sales-NSB	(14,792)	(14,792)	(14,792)	(14,792)	(16,080)	(16,080)	0	0	0	0	0	0	(91,328)
16 Subtotal - Intermediate Level Capacity Charges	3,104,751	3,275,823	3,159,667	3,167,843	3,163,350	2,235,474	3,181,573	3,180,294	3,504,765	3,171,307	3,170,383	3,171,307	37,486,537
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 Charges	2,257,247	2,381,621	2,297,173	2,303,117	2,299,850	1,625,256	2,313,099	2,312,169	2,548,069	2,305,636	2,304,964	2,305,636	27,253,837
19 Peaking Production Level Capacity Charges:													
20 Chattahoochee Capacity Purchase	0	0	0	0	0	0	0	0	0	0	0	0	-
21 Vandolah Capacity - Northern Star	2,932,374	2,895,800	1,886,774	1,947,064	2,800,877	5,785,668	5,780,497	5,715,411	2,715,406	1,919,503	2,016,937	2,947,051	39,343,362
22 Shady Hills Power Company LLC	1,410,076	1,646,992	1,406,900	1,440,840	1,912,680	3,888,000	3,888,000	3,886,445	1,814,400	1,366,200	1,366,200	1,941,646	25,968,379
23 Subtotal -Peaking Level Capacity Charges	4,342,450	4,542,793	3,293,674	3,387,903	4,713,557	9,673,668.05	9,668,497	9,601,856	4,529,806	3,285,703	3,383,137	4,888,697	65,311,741
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 Charges	4,165,452	4,357,629	3,159,424	3,249,812	4,521,433	9,279,369	9,274,409	9,210,484	4,345,171	3,151,777	3,245,241	4,689,434	62,649,635
26 Other Capacity Charges:													
27 Retail Wheeling	(44,982)	(109,006)	(31,099)	(4,143)	(42,143)	(19,211)	(10,188)	(49,327)	(24,634)	(9,153)	(30,188)	(20,424)	(394,498)
28 Total Other Capacity Charges	(44,982)	(109,006)	(31,099)	(4,143)	(42,143)	(19,211)	(10,188)	(49,327)	(24,634)	(9,153)	(30,188)	(20,424)	(394,498)
29													
30 Subtotal Jurisdictional Capacity Charges (lines 12+18+25+28)	27,119,295	28,420,383	27,175,221	27,215,864	28,638,702	34,180,241	33,362,345	33,220,647	28,605,140	27,173,540	27,215,307	20,504,536	342,831,219
31													
32 Nuclear Cost Recovery Clause Charges:													
33 Levy Costs ①	9,215,650	9,145,040	9,074,430	9,003,820	0	0	0	0	0	0	0	0	36,438,940
34 CR-3 Uprate Costs	5,442,716	5,412,634	5,382,366	5,352,099	5,321,833	5,291,141	5,260,871	5,208,780	5,178,331	5,148,065	5,117,797	5,087,530	63,204,163
35 Total NCRC Costs - Order No. PSC-14-0701-FOF-EI	14,658,366	14,557,674	14,456,796	14,355,919	5,321,833	5,291,141	5,260,871	5,208,780	5,178,331	5,148,065	5,117,797	5,087,530	99,643,103
36													
37 Total Jurisdictional Capacity Charges (Lines 30 + 35)	41,777,661	42,978,058	41,632,018	41,571,783	33,960,536	39,471,382	38,623,216	38,429,428	33,783,470	32,321,604	32,333,104	25,592,065	442,474,325
38 Capacity Revenues:													
39 Capacity Cost Recovery Revenues (net of tax)	35,474,797	35,917,927	38,743,786	38,282,459	33,024,082	37,697,540	39,725,599	39,816,063	39,512,524	34,329,371	35,253,377	29,940,179	437,717,704
40 Prior Period True-Up Provision	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(16,991,241)
41 Current Period CCR Revenues (net of tax)	34,058,861	34,501,991	37,327,849	36,866,522	31,608,145	36,281,603	38,309,663	38,400,126	38,096,587	32,913,434	33,837,441	28,524,243	420,726,463
42 True-Up Provision - Current Year (Acct 1823203/2543203)													
43 True-Up Provision - Over/(Under) Recov (line 41-line 37)	(7,718,800)	(8,476,067)	(4,304,169)	(4,705,261)	(2,352,390)	(3,189,779)	(313,553)	(29,302)	4,313,117	591,830	1,504,337	2,932,177	(21,747,862)
44 Interest Provision for the Month	(2,831)	(3,263)	(3,661)	(2,932)	(3,568)	(4,187)	(4,214)	(4,629)	(4,788)	(4,402)	(4,571)	(8,723)	(51,769)
45 Total current month over/(under) recovery (Acct 4560097,5572001)	(7,721,631)	(16,200,961)	(20,508,791)	(25,216,984)	(27,572,942)	(30,766,908)	(31,084,675)	(31,118,606)	(26,810,277)	(26,222,848)	(24,723,083)	(21,799,629)	(21,799,631)
46 Prior Year True-Up & Interest Prov. (Begin Bal)-Over/(Under)	(30,953,685)	(29,537,749)	(28,121,812)	(26,705,875)	(25,289,939)	(23,874,002)	(22,458,065)	(21,042,129)	(19,626,192)	(18,210,255)	(16,794,319)	(15,378,382)	(30,953,685)
47 Prior Year True-Up Collected/(Refunded)	1,415,937	1,415,937	1,415,937	1,415,937	1,415,937	1,415,937	1,415,937	1,415,937	1,415,937	1,415,937	1,415,937	1,415,937	16,991,246
48 Prior Year True-Up & Interest Provision End Bal - (DR)/CR	(29,537,749)	(28,121,812)	(26,705,875)	(25,289,939)	(23,874,002)	(22,458,065)	(21,042,129)	(19,626,192)	(18,210,255)	(16,794,319)	(15,378,382)	(13,962,445)	(13,962,439)
49													
50 Net Capacity True-up Over/(Under) (lines 45+48)	(\$37,259,380)	(\$44,322,773)	(\$47,214,667)	(\$50,506,923)	(\$51,446,944)	(\$53,224,973)	(\$52,126,803)	(\$50,744,798)	(\$45,020,532)	(\$43,017,167)	(\$40,101,465)	(\$35,762,074)	(\$35,762,070)

① Per Order No. PSC-15-0176-TRF-EI, DEF terminated the Levy Fixed Charge beginning May 2015.

Duke Energy Florida
 Capacity Cost Recovery Clause
 Calculation of Estimated/Actual True-Up
 January- December 2015 (Filed 08/04/2015)

	ACT Jan-15	ACT Feb-15	ACT Mar-15	ACT Apr-15	ACT May-15	ACT Jun-15	EST Jul-15	EST Aug-15	EST Sep-15	EST Oct-15	EST Nov-15	EST Dec-15	TOTAL
1 Base Production Level Capacity Costs													
2 Orange Cogen (ORANGE CO)	3,108,487	3,266,545	3,266,545	3,266,545	3,266,545	3,266,545	3,073,960	3,073,960	3,073,960	3,073,960	3,073,960	3,073,960	37,884,974
3 Orlando Cogen Limited (ORLACOGL)	4,390,316	4,602,317	4,594,986	4,491,065	4,619,448	4,619,448	4,143,450	4,143,450	4,143,450	4,143,450	4,143,450	4,143,450	52,178,278
4 Pasco County Resource Recovery (PASCOUNT)	1,483,270	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	18,836,540
5 Pinellas County Resource Recovery (PINCOUNT)	3,530,828	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	44,839,155
6 Polk Power Partners, L.P. (MULBERRY/ROYSTER)	5,999,259	6,306,018	6,306,018	6,306,018	6,306,018	6,287,309	5,815,550	5,815,550	5,815,550	5,815,550	5,815,550	5,815,550	72,403,940
7 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	661,873	698,574	715,513	729,448	741,070	754,330	782,100	782,100	782,100	782,100	782,100	782,100	8,993,409
8 Other	-	-	-	-	-	-	-	-	-	-	-	-	-
9 Southern - Scherer	1,750,402	1,787,399	1,756,170	1,757,178	1,824,402	3,375,058	1,744,736	1,744,736	1,744,736	1,744,736	1,744,736	1,744,736	22,719,024
10 Calpine Osprey	1,405,950	1,465,539	1,443,650	1,443,650	1,443,650	1,443,650	1,405,950	1,405,950	1,405,950	1,405,950	1,405,950	1,405,950	17,081,789
11 Subtotal - Base Level Capacity Costs	22,330,384	23,459,265	23,415,755	23,326,778	23,534,006	25,079,213	22,298,618	22,298,618	22,298,618	22,298,618	22,298,618	22,298,618	274,937,109
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	20,741,577	21,790,139	21,749,724	21,667,078	21,859,562	23,294,827	20,712,071	20,712,071	20,712,071	20,712,071	20,712,071	20,712,071	255,375,334
14 Intermediate Production Level Capacity Costs													
15 Southern - Franklin	3,119,543	3,290,615	3,174,459	3,182,635	3,179,430	2,251,554	3,185,168	3,185,168	3,185,168	3,185,168	3,185,168	3,185,168	37,309,244
16 Schedule H Capacity Sales - NSB	(14,792)	(14,792)	(14,792)	(14,792)	(16,080)	(16,080)	(16,080)	(16,080)	(16,080)	(16,080)	(16,080)	(16,080)	(187,808)
17 Other	-	-	-	-	-	-	-	-	-	-	-	-	-
18 Subtotal - Intermediate Level Capacity Costs	3,104,751	3,275,823	3,159,667	3,167,843	3,163,350	2,235,474	3,169,088	3,169,088	3,169,088	3,169,088	3,169,088	3,169,088	37,121,436
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	2,257,247	2,381,621	2,297,173	2,303,117	2,299,850	1,625,256	2,304,022	2,304,022	2,304,022	2,304,022	2,304,022	2,304,022	26,988,397
21 Peaking Production Level Capacity Costs													
22 Chattahoochee	-	-	-	-	-	-	-	-	-	-	-	-	-
23 Vandolah (RRI)	-	-	-	-	-	-	-	-	-	-	-	-	-
24 Shady Hills Power Company LLC	1,410,076	1,646,992	1,406,900	1,440,840	1,912,680	3,888,000	3,887,109	3,887,109	1,813,984	1,365,741	1,365,741	1,970,869	25,996,042
25 Vandolah (NSG)	2,932,374	2,895,800	1,886,774	1,947,064	2,800,877	5,785,668	5,554,010	5,509,420	2,636,711	1,942,223	1,986,813	2,795,377	38,673,111
26 Other	-	-	-	-	-	-	-	-	-	-	-	-	-
27 Subtotal - Peaking Level Capacity Costs	4,342,450	4,542,793	3,293,674	3,387,903	4,713,557	9,673,668	9,441,119	9,396,529	4,450,696	3,307,964	3,352,554	4,766,247	64,669,152
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	4,165,452	4,357,629	3,159,424	3,249,812	4,521,433	9,279,369	9,056,299	9,013,526	4,269,285	3,173,131	3,215,904	4,571,974	62,033,238
30 Other Capacity Costs													
31 Retail Wheeling	(44,982)	(109,006)	(31,099)	(4,143)	(42,143)	(19,211)	(43,542)	(16,088)	(999)	(8,514)	(13,490)	(3,004)	(336,221)
32 Other Jurisdictional Capacity Costs	(44,982)	(109,006)	(31,099)	(4,143)	(42,143)	(19,211)	(43,542)	(16,088)	(999)	(8,514)	(13,490)	(3,004)	(336,221)
33 Subtotal Jurisd Capacity Costs (Line 13+20+29+32)	27,119,295	28,420,383	27,175,221	27,215,864	28,638,702	34,180,241	32,028,850	32,013,531	27,284,380	26,180,711	26,218,507	27,585,063	344,060,748
34 Nuclear Cost Recovery Clause Costs (net of tax)													
35 Levy Costs ①	9,215,650	9,145,040	9,074,430	9,003,820	-	-	-	-	-	-	-	-	36,438,940
36 CR3 Uprate Costs	5,442,716	5,412,634	5,382,366	5,352,099	5,321,833	5,291,141	5,260,871	5,208,780	5,178,331	5,148,065	5,117,797	5,087,530	63,204,163
37 Total NCRC Costs - Order No. PSC-14-0701-FOF-EI	14,658,366	14,557,674	14,456,796	14,355,919	5,321,833	5,291,141	5,260,871	5,208,780	5,178,331	5,148,065	5,117,797	5,087,530	99,643,103
38 Total Jurisdictional Capacity Costs (Line 33+37)	41,777,661	42,978,057	41,632,018	41,571,783	33,960,535	39,471,382	37,289,721	37,222,312	32,462,711	31,328,775	31,336,304	32,672,593	443,703,851
39 Capacity Revenues													
40 Capacity Cost Recovery Revenues (net of tax) ①	35,474,797	35,917,927	38,743,786	38,282,459	33,024,082	37,697,540	39,548,662	39,811,654	40,152,847	37,052,286	31,209,639	29,128,994	436,044,671
41 Prior Period True-Up Provision Over/(Under) Recovery	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(1,415,937)	(16,991,240)
42 Current Period Revenues (net of tax)	34,058,861	34,501,991	37,327,849	36,866,522	31,608,145	36,281,603	38,132,725	38,395,717	38,736,910	35,636,349	29,793,702	27,713,057	419,053,431
43 True-Up Provision													
44 True-Up Provision - Over/(Under) Recov (Line 42-38)	(7,718,800)	(8,476,066)	(4,304,169)	(4,705,261)	(2,352,389)	(3,189,779)	843,004	1,173,405	6,274,199	4,307,574	(1,542,602)	(4,959,535)	(24,650,419)
45 Interest Provision for the Month	(2,831)	(3,263)	(3,661)	(2,932)	(3,568)	(4,187)	(2,039)	(1,935)	(1,628)	(1,399)	(1,404)	(1,545)	(30,390)
46 Current Cycle Balance - Over/(Under)	(7,721,631)	(16,200,960)	(20,508,790)	(25,216,983)	(27,572,940)	(30,766,906)	(29,925,940)	(28,754,471)	(22,481,899)	(18,175,724)	(19,719,730)	(24,680,809)	(24,680,809)
47 Prior Period Balance - Over/(Under) Recovered	(30,953,685)	(30,953,685)	(30,953,685)	(30,953,685)	(30,953,685)	(30,953,685)	(30,953,685)	(30,953,685)	(30,953,685)	(30,953,685)	(30,953,685)	(30,953,685)	(30,953,685)
48 Prior Period Cumulative True-Up Collected/(Refunded)	1,415,937	2,831,873	4,247,810	5,663,747	7,079,683	8,495,620	9,911,557	11,327,493	12,743,430	14,159,367	15,575,303	16,991,240	16,991,240
49 Prior Period True-up Balance - Over/(Under)	(29,537,749)	(28,121,812)	(26,705,875)	(25,289,939)	(23,874,002)	(22,458,065)	(21,042,129)	(19,626,192)	(18,210,255)	(16,794,319)	(15,378,382)	(13,962,445)	(13,962,445)
50 Net Capacity True-up Over/(Under) (Line 46+49)	(\$37,259,380)	(\$44,322,772)	(\$47,214,666)	(\$50,506,922)	(\$51,446,942)	(\$53,224,971)	(\$50,968,069)	(\$48,380,663)	(\$40,692,155)	(\$34,970,043)	(\$35,098,112)	(\$38,643,255)	(\$38,643,255)

**DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER**

DECEMBER 2015

Docket No. 160001-EI
Witness: Menendez
Exhibit No. (CAM-3T)
Schedule A1-1
Sheet 1 of 9

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	87,562,430	108,082,070	(20,519,640)	(19.0)	2,609,742	2,732,958	(123,216)	(4.5)	3.3552	3.9548	(0.5996)	(15.2)
2 SPENT NUCLEAR FUEL DISPOSAL COST	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 COAL CAR INVESTMENT	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3a NUCLEAR DECOMMISSIONING AND DECONTAMINATION	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	(18,543)	(3,360,069)	3,341,526	(99.5)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4a ADJUSTMENTS TO FUEL COST - DISPOSAL COST REFUND	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
5 TOTAL COST OF GENERATED POWER	87,543,887	104,722,001	(17,178,114)	(16.4)	2,609,742	2,732,958	(123,216)	(4.5)	3.3545	3.8318	(0.4773)	(12.5)
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	7,720,621	3,736,315	3,984,306	106.6	260,791	77,721	183,070	235.6	2.9605	4.8073	(1.8468)	(38.4)
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	5,423	0	5,423	0.0	317	0	317	0.0	1.7108	0.0000	1.7108	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	96,354	644,380	(548,026)	(85.1)	3,255	14,739	(11,484)	(77.9)	2.9602	4.3719	(1.4117)	(32.3)
9 ENERGY COST OF SCH E PURCHASES (SCH A9)	-	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
10 CAPACITY COST OF ECONOMY PURCHASES (SCH A9)	-	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
11 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	10,642,495	12,643,543	(2,001,048)	(15.8)	259,740	276,983	(17,243)	(6.2)	4.0974	4.5647	(0.4673)	(10.2)
12 TOTAL COST OF PURCHASED POWER	18,464,893	17,024,238	1,440,655	8.5	524,103	369,443	154,660	41.9	3.5231	4.6081	(1.0850)	(23.6)
13 TOTAL AVAILABLE MWH					3,133,845	3,102,401	31,444	1.0				
14 FUEL COST OF ECONOMY SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
14a GAIN ON ECONOMY SALES - 100% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
15 FUEL COST OF OTHER POWER SALES (SCH A6)	(90,419)	(136,796)	46,377	(33.9)	(4,502)	(4,380)	(122)	2.8	2.0084	3.1232	(1.1148)	(35.7)
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(21,160)	(30,095)	8,935	(29.7)	(4,502)	(4,380)	(122)	2.8	0.4700	0.6871	(0.2171)	(31.6)
15b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	4,232	0	4,232	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
16 FUEL COST OF SEMINOLE BACK-UP SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
17 FUEL COST OF STRATIFIED SALES	(413,873)	(1,089,118)	675,245	(62.0)	(25,621)	(28,207)	2,586	(9.2)	1.6154	3.8612	(2.2458)	(58.2)
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(521,220)	(1,256,009)	734,789	(58.5)	(30,123)	(32,587)	2,464	(7.6)	1.7303	3.8543	(2.1240)	(55.1)
19 NET INADVERTENT AND WHEELED INTERCHANGE					10,908	0	10,908					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	105,487,560	120,490,230	(15,002,670)	(12.5)	3,114,630	3,069,814	44,816	1.5	3.3868	3.9250	(0.5382)	(13.7)
21 NET UNBILLED	3,548,054	4,110,607	(562,553)	(13.7)	(104,760)	(104,729)	(31)	0.0	0.1234	0.1477	(0.0243)	(16.5)
22 COMPANY USE	577,350	471,000	106,350	22.6	(17,047)	(12,000)	(5,047)	42.1	0.0201	0.0169	0.0032	18.9
23 T & D LOSSES	3,997,488	6,660,933	(2,663,445)	(40.0)	(118,030)	(169,705)	51,675	(30.5)	0.1391	0.2393	(0.1002)	(41.9)
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	105,487,560	120,490,230	(15,002,670)	(12.5)	2,874,793	2,783,380	91,413	3.3	3.6694	4.3289	(0.6595)	(15.2)
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(685,669)	(650,647)	(35,022)	5.4	(18,555)	(15,140)	(3,415)	22.6	3.6952	4.2975	(0.6023)	(14.0)
26 JURISDICTIONAL KWH SALES	104,801,891	119,839,583	(15,037,692)	(12.6)	2,856,238	2,768,240	87,998	3.2	3.6692	4.3291	(0.6599)	(15.2)
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00052	104,856,388	120,016,945	(15,160,557)	(12.6)	2,856,238	2,768,240	87,998	3.2	3.6711	4.3355	(0.6644)	(15.3)
28 PRIOR PERIOD TRUE-UP	6,139,350	6,139,353	(3)	0.0	2,856,238	2,768,240	87,998	3.2	0.2149	0.2218	(0.0069)	(3.1)
28a MARKET PRICE TRUE-UP	0	0	0	0.0	2,856,238	2,768,240	87,998	3.2	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	2,856,238	2,768,240	87,998	3.2	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	110,995,738	126,156,298	(15,160,560)	(12.0)	2,856,238	2,768,240	87,998	3.2	3.8860	4.5573	(0.6713)	(14.7)
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									3.8888	4.5606	(0.6718)	(14.7)
32 GPIF	185,988	185,985			2,856,238	2,768,240			0.0065	0.0067	(0.0002)	(3.0)
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									3.895	4.567	(0.672)	(14.7)

*Line 15a. MWH Data for Infomational Purposes Only

**DUKE ENERGY FLORIDA
FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
YEAR TO DATE - DECEMBER 2015**

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)	1,348,576,285	1,450,550,393	(101,974,108)	(7.0)	35,018,627	35,719,602	(700,975)	(2.0)	3.8510	4.0609	(0.2099)	(5.2)
2 SPENT NUCLEAR FUEL DISPOSAL COST	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3 COAL CAR INVESTMENT	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
3a NUCLEAR DECOMMISSIONING AND DECONTAMINATION	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS	1,852,721	(40,353,675)	42,206,396	(104.6)	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
4a ADJUSTMENTS TO FUEL COST - DISPOSAL COST REFUND	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
5 TOTAL COST OF GENERATED POWER	1,350,429,005	1,410,196,718	(59,767,713)	(4.2)	35,018,627	35,719,602	(700,975)	(2.0)	3.8563	3.9480	(0.0917)	(2.3)
6 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)	173,229,452	101,841,738	71,387,714	70.1	4,384,597	2,017,470	2,367,127	117.3	3.9509	5.0480	(1.0971)	(21.7)
7 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)	20,278	0	20,278	0.0	838	0	838	0.0	2.4198	0.0000	2.4198	0.0
8 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)	5,358,735	16,351,874	(10,993,139)	(67.2)	82,422	356,500	(274,078)	(76.9)	6.5016	4.5868	1.9148	41.8
9 ENERGY COST OF SCH E PURCHASES (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
10 CAPACITY COST OF ECONOMY PURCHASES (SCH A9)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
11 PAYMENTS TO QUALIFYING FACILITIES (SCH A8)	117,723,823	145,142,688	(27,418,865)	(18.9)	2,749,552	3,087,667	(338,115)	(11.0)	4.2816	4.7007	(0.4191)	(8.9)
12 TOTAL COST OF PURCHASED POWER	296,332,288	263,336,300	32,995,988	12.5	7,217,409	5,461,637	1,755,772	32.2	4.1058	4.8216	(0.7158)	(14.9)
13 TOTAL AVAILABLE MWH					42,236,036	41,181,239	1,054,797	2.6				
14 FUEL COST OF ECONOMY SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
14a GAIN ON ECONOMY SALES - 100% (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
15 FUEL COST OF OTHER POWER SALES (SCH A6)	(5,814,591)	(4,199,152)	(1,615,439)	38.5	(193,138)	(126,300)	(66,838)	52.9	3.0106	3.3247	(0.3141)	(9.5)
15a GAIN ON OTHER POWER SALES - 100% (SCH A6)	(3,720,655)	(923,813)	(2,796,842)	302.8	(193,138)	(126,300)	(66,838)	52.9	1.9264	0.7314	1.1950	163.4
15b GAIN ON TOTAL POWER SALES - 20% (SCH A6)	396,162	0	396,162	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
16 FUEL COST OF SEMINOLE BACK-UP SALES (SCH A6)	0	0	0	0.0	0	0	0	0.0	0.0000	0.0000	0.0000	0.0
17 FUEL COST OF STRATIFIED SALES	(29,549,697)	(21,800,391)	(7,749,306)	35.6	(885,489)	(550,476)	(335,013)	60.9	3.3371	3.9603	(0.6232)	(15.7)
18 TOTAL FUEL COST AND GAINS ON POWER SALES	(38,688,780)	(26,923,356)	(11,765,424)	43.7	(1,078,627)	(676,776)	(401,851)	59.4	3.5869	3.9782	(0.3913)	(9.8)
19 NET INADVERTENT AND WHEELED INTERCHANGE					236,840	0	236,840					
20 TOTAL FUEL AND NET POWER TRANSACTIONS	1,608,072,513	1,646,609,662	(38,537,149)	(2.3)	41,394,248	40,504,463	889,785	2.2	3.8848	4.0653	(0.1805)	(4.4)
21 NET UNBILLED	2,489,751	4,642,743	(2,152,992)	(46.4)	(64,090)	(93,029)	28,939	(31.1)	0.0064	0.0122	(0.0058)	(47.5)
22 COMPANY USE	6,803,244	5,850,324	952,920	16.3	(175,126)	(144,000)	(31,126)	21.6	0.0175	0.0154	0.0021	13.6
23 T & D LOSSES	87,163,542	91,158,972	(3,995,430)	(4.4)	(2,243,723)	(2,242,422)	(1,301)	0.1	0.2240	0.2397	(0.0157)	(6.6)
24 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)	1,608,072,513	1,646,609,662	(38,537,149)	(2.3)	38,911,309	38,025,012	886,297	2.3	4.1327	4.3303	(0.1976)	(4.6)
25 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)	(15,005,212)	(10,295,986)	(4,709,227)	45.7	(358,128)	(239,422)	(118,706)	49.6	4.1899	4.3004	(0.1105)	(2.6)
26 JURISDICTIONAL KWH SALES	1,593,067,301	1,636,313,677	(43,246,376)	(2.6)	38,553,182	37,785,590	767,591	2.0	4.1321	4.3305	(0.1984)	(4.6)
27 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00052	1,594,108,572	1,638,735,421	(44,626,849)	(2.7)	38,553,182	37,785,590	767,591	2.0	4.1348	4.3369	(0.2021)	(4.7)
28 PRIOR PERIOD TRUE-UP	73,672,203	73,672,203	0	0.0	38,553,182	37,785,590	767,591	2.0	0.1911	0.1950	(0.0039)	(2.0)
28a MARKET PRICE TRUE-UP	0	0	0	0.0	38,553,182	37,785,590	767,591	2.0	0.0000	0.0000	0.0000	0.0
28b RECOVERY OF PRIOR PERIOD NUCLEAR REPLACEMENT COST	0	0	0	0.0	38,553,182	37,785,590	767,591	2.0	0.0000	0.0000	0.0000	0.0
29 TOTAL JURISDICTIONAL FUEL COST	1,667,780,775	1,712,407,624	(44,626,849)	(2.6)	38,553,182	37,785,590	767,591	2.0	4.3259	4.5319	(0.2060)	(4.6)
30 REVENUE TAX FACTOR									1.00072	1.00072	0.0000	0.0
31 FUEL COST ADJUSTED FOR TAXES									4.3290	4.5352	(0.2061)	(4.6)
32 GPIF	2,231,853	2,231,853			38,553,182	37,785,590			0.0058	0.0059	(0.0001)	101.7
33 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH									4.335	4.541	(0.206)	(4.5)

*Line 15a. MWH Data for Infomational Purposes Only

**DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
DECEMBER 2015**

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
A . FUEL COSTS AND NET POWER TRANSACTIONS								
1 . FUEL COST OF SYSTEM NET GENERATION	\$87,562,430	108,082,070	(\$20,519,640)	(19.0)	\$1,348,576,285	\$1,450,550,393	(\$101,974,108)	(7.0)
1a. NUCLEAR FUEL DISPOSAL COST	-	0	0	0.0	0	0	0	0.0
1b. NUCLEAR DECOMMISSIONING AND DECONTAMINATION	-	0	0	0.0	0	0	0	0.0
1c. COAL CAR INVESTMENT	-	0	0	0.0	0	0	0	0.0
2 . FUEL COST OF POWER SOLD	(90,419)	(136,796)	46,377	(33.9)	(5,814,591)	(4,199,152)	(1,615,439)	38.5
2a. GAIN ON POWER SALES	(16,928)	(30,095)	13,167	(43.8)	(3,324,492)	(923,813)	(2,400,679)	259.9
3 . FUEL COST OF PURCHASED POWER	7,720,621	3,736,315	3,984,306	106.6	173,229,452	101,841,738	71,387,714	70.1
3a. ENERGY PAYMENTS TO QUALIFYING FACILITIES	10,642,495	12,643,543	(2,001,048)	(15.8)	117,723,823	145,142,688	(27,418,865)	(18.9)
3b. DEMAND & NON FUEL COST OF PURCH POWER	0	0	0	0.0	0	0	0	0.0
4 . ENERGY COST OF ECONOMY PURCHASES	101,778	644,380	(542,602)	(84.2)	5,379,013	16,351,874	(10,972,861)	(67.1)
5 . TOTAL FUEL & NET POWER TRANSACTIONS	105,919,976	124,939,417	(19,019,441)	(15.2)	1,635,769,489	1,708,763,728	(72,994,239)	(4.3)
6 . ADJUSTMENTS TO FUEL COST:								
6a. FUEL COST OF STRATIFIED SALES	(413,873)	(1,089,118)	675,245	(62.0)	(29,549,697)	(21,800,391)	(7,749,306)	35.6
6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below)	(18,543)	(3,360,069)	3,341,526	(99.5)	1,852,721	(40,353,675)	42,206,396	(104.6)
6c. OTHER - PRIOR PERIOD ADJUSTMENT	0	0	0	0.0	0	0	0	0.0
7 . ADJUSTED TOTAL FUEL & NET PWR TRNS	\$105,487,560	\$120,490,230	(\$15,002,670)	(12.5)	\$1,608,072,513	\$1,646,609,662	(\$38,537,149)	(2.3)

FOOTNOTE: DETAIL OF LINE 6b ABOVE

INSPECTION & FUEL ANALYSIS REPORTS {Wholesale Portion}	\$0	\$0	\$0	\$0	\$0	\$0	\$0
N/A - Not used	0	0	0	0	0	0	0
UNIVERSITY OF FLORIDA STEAM REVENUE ALLOCATION {Wholesale Portion}	650	0	650	10,980	0	10,980	
N/A - Not used	0	0	0	0	0	0	
TANK BOTTOM ADJUSTMENT	0	0	0	6,981	0	6,981	
AERIAL SURVEY ADJUSTMENT (Coal Pile)	0	0	0	2,182,992	0	2,182,992	
RRSSA Refund	0	(3,346,478)	3,346,478	0	(40,190,452)	40,190,452	
Interest Amortized for Fuel Refund	(15,576)	(13,591)	(1,986)	(187,418)	(163,223)	(24,195)	
Gain/Loss on Disposition of Oil	0	0	0	(125,114)	0	(125,114)	
N/A - Not used	0	0	0	0	0	0	
NET METER SETTLEMENT	0	0	0	0	0	0	
Bartow Outage Replacement Power	0	0	0	0	0	0	
Derivative Collateral Interest	(3,616)	0	(3,616)	(35,701)	0	(35,701)	
N/A - Not used	0	0	0	0	0	0	
SUBTOTAL LINE 6b SHOWN ABOVE	(\$18,543)	(\$3,360,069)	\$3,341,526	\$1,852,721	(\$40,353,675)	\$42,206,396	

B. KWH SALES								
1 . JURISDICTIONAL SALES	2,856,240,057	2,768,239,922	88,000,135	3.2	38,553,183,288	37,785,590,394	767,592,894	2.0
2 . NON JURISDICTIONAL (WHOLESALE) SALES	18,555,478	15,140,000	3,415,478	22.6	358,127,542	239,422,000	118,705,542	49.6
3 . TOTAL SALES	2,874,795,535	2,783,379,922	91,415,613	3.3	38,911,310,830	38,025,012,394	886,298,436	2.3
4 . JURISDICTIONAL SALES % OF TOTAL SALES	99.35	99.46	(0.11)	(0.1)	99.08	99.37	(0.29)	(0.3)

**DUKE ENERGY FLORIDA
CALCULATION OF TRUE-UP AND INTEREST PROVISION
DECEMBER 2015**

	CURRENT MONTH				YEAR TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT	ACTUAL	ESTIMATED	DIFFERENCE	PERCENT
C. TRUE UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	\$125,316,286	\$125,617,437	(\$301,151)	(0.2)	\$1,763,506,241	\$1,714,637,871	\$48,868,370	2.9
2. ADJUSTMENTS:	3,333,333	0	3,333,333	0.0	40,000,000	0	40,000,000	0.0
2a. REFUND OF \$30 MILLION PER RRSSA	833,333	0	833,333	0.0	10,000,000	0	10,000,000	0.0
2b. INCREASE IN RETAIL FUEL RATE PER RRSSA	(2,856,240)	0	(2,856,240)	0.0	(38,553,183)	0	(38,553,183)	0.0
2c. TRUE UP PROVISION	(6,139,350)	(6,139,353)	3	0.0	(73,672,203)	(73,672,203)	0	0.0
2d. INCENTIVE PROVISION	(185,988)	(185,985)	(3)	0.0	(2,231,853)	(2,231,853)	0	0.0
2e. OTHER: MARKET PRICE TRUE UP	0	0	0	0.0	0	0	0	0.0
3. TOTAL JURISDICTIONAL FUEL REVENUE	120,301,374.50	119,292,098.60	1,009,275.90	0.9	1,699,049,002	1,638,733,815	60,315,187	3.7
4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)	105,487,560	120,490,230	(15,002,670)	-12.45	1,608,072,513	1,646,609,662	(38,537,149)	-2.34
5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)	99	99	(0)	(0.1)	99	99	(0)	(0.3)
6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS (LINE C4 * LINE C5 * 1.00052 LOSS MULTIPLIER)	104,856,388	120,016,945	(15,160,557)	(12.6)	1,594,108,572	1,638,735,421	(44,626,849)	(2.7)
7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER) COLLECTION (LINE C3 - C6)	15,444,986	(724,847)	16,169,833	(2,230.8)	104,940,430	(1,606)	104,942,036	(6,535,277)
8. INTEREST PROVISION FOR THE MONTH (LINE D10)	24,322	(135)	24,456	(18,155.7)	17,682	(30,576)	48,258	(158)
9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD	94,954,422	(5,446,554)	100,400,975	(1,843.4)	(62,067,235)	(73,672,203)	11,604,968	(16)
10. TRUE UP COLLECTED (REFUNDED)	6,139,350	6139353	(3)	0	73,672,203	73,672,203	-	-
11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)	\$116,563,080	-32182.08446	116,595,262	-362298.66	116,563,080	(32,182)	116,595,262	(362,299)
12. OTHER:	\$0				-		-	
13. END OF PERIOD TOTAL NET TRUE UP (LINES C11 + C12)	116,563,080	(32,182)	116,595,262.15	-362298.66	116,563,080	(32,182)	116,595,262	(362,299)
D. INTEREST PROVISION								
1. BEGINNING TRUE UP (LINE C9)	94,954,422	N/A	--	--				
2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)	116,538,758	N/A	--	--				
3. TOTAL OF BEGINNING & ENDING TRUE UP	211,493,180	N/A	--	--	NOT			
4. AVERAGE TRUE UP (50% OF LINE D3)	105,746,590	N/A	--	--				
5. INTEREST RATE - FIRST DAY OF REPORTING MONTH	0.150	N/A	--	--				
6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	0.400	N/A	--	--				
7. TOTAL (LINE D5 + LINE D6)	0.550	N/A						
8. AVERAGE INTEREST RATE (50% OF LINE D7)	\$0	N/A	--	--				

A-3 Generating System Comparative Data Report

Duke Energy Florida

Docket No. 160001-EI
 Witness: Menendez
 Exhibit No. (CAM-3T)
 Schedule: A3-1
 Sheet 5 of 9

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
NET GENERATION (\$)				
1 - HEAVY OIL	0	0	0	0.0%
2 - LIGHT OIL	21,114,159	4,211,953	16,475,499	391.2%
3 - COAL	479,549,089	437,953,621	(57,998,760)	(13.2%)
4 - GAS	1,053,354,312	1,008,384,819	(60,450,847)	(6.0%)
5 - NUCLEAR	0	0	0	0.0%
6	0	0	0	0.0%
7	0	0	0	0.0%
8 - TOTAL (\$)	1,348,576,284	1,450,550,393	(101,974,109)	(7.0%)
SYSTEM NET GENERATION (MWH)				
9 - HEAVY OIL	0	0	0	0.0%
10 - LIGHT OIL	72,848	3,125	69,723	2,231.1%
11 - COAL	9,718,456	11,858,055	(2,139,599)	(18.0%)
12 - GAS	25,227,323	23,858,422	1,368,901	5.7%
13 - NUCLEAR	0	0	0	0.0%
14	0	0	0	0.0%
15	0	0	0	0.0%
16 - TOTAL (MWH)	35,018,627	35,719,602	(700,975)	(2.0%)
UNITS OF FUEL BURNED				
17 - HEAVY OIL (BBL)	0	0	0	0.0%
18 - LIGHT OIL (BBL)	162,382	33,179	129,203	389.4%
19 - COAL (TON)	4,425,252	5,325,962	(900,710)	(16.9%)
20 - GAS (MCF)	198,464,799	182,938,293	15,526,506	8.5%
21 - NUCLEAR (MMBTU)	0	0	0	0.0%
22	0	0	0	0.0%
23	0	0	0	0.0%
BTUS BURNED (MILLION BTU)				
24 - HEAVY OIL	0	0	0	0.0%
25 - LIGHT OIL	927,656	192,302	735,354	382.4%
26 - COAL	102,196,707	123,887,171	(21,690,464)	(17.5%)
27 - GAS	203,148,563	182,938,293	20,161,876	11.0%
28 - NUCLEAR	0	0	0	0.0%
29	0	0	0	0.0%
30	0	0	0	0.0%
31 - TOTAL (MILLION BTU)	306,224,533	307,017,766	(793,233)	(0.3%)

A-3 Generating System Comparative Data Report

Duke Energy Florida

Docket No. 160001-EI
 Witness: Menendez
 Exhibit No. (CAM-3T)
 Schedule: A3-2
 Sheet 6 of 9

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
GENERATION MIX (% MWH)				
32 - HEAVY OIL	0.0	0.00	0.0	0.0%
33 - LIGHT OIL	0.2	0.01	0.2	2280.3%
34 - COAL	27.8	33.20	(5.4)	(16.3%)
35 - GAS	72.0	66.79	5.2	7.8%
36 - NUCLEAR	0.0	0.00	0.0	0.0%
37	0.0	0.00	0.0	0.0%
38	0.0	0.00	0.0	0.0%
39 - TOTAL (% MWH)	100.0	100.0	0.0	0.0%
FUEL COST PER UNIT (\$)				
40 - HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%
41 - LIGHT OIL (\$/BBL)	127.40	126.95	0.45	0.4%
42 - COAL (\$/TON)	85.86	82.23	3.63	4.4%
43 - GAS (\$/MCF)	4.78	5.51	(0.74)	(13.3%)
44 - NUCLEAR (\$/MBTU)	0.00	0.00	0.00	0.0%
45	0.00	0.00	0.00	0.0%
46	0.00	0.00	0.00	0.0%
FUEL COST PER MILLION BTU (\$/MILLION BTU)				
47 - HEAVY OIL	0.00	0.00	0.00	0.0%
48 - LIGHT OIL	22.30	21.90	0.40	1.8%
49 - COAL	3.72	3.54	0.18	5.2%
50 - GAS	4.67	5.51	(0.84)	(15.3%)
51 - NUCLEAR	0.00	0.00	0.00	0.0%
52	0.00	0.00	0.00	0.0%
53	0.00	0.00	0.00	0.0%
54 - SYSTEM (\$/MBTU)	4.40	4.72	(0.32)	(6.8%)
BTU BURNED PER KWH (BTU/KWH)				
55 - HEAVY OIL	0	0	0	0.0%
56 - LIGHT OIL	12,734	61,537	(48,803)	(79.3%)
57 - COAL	10,516	10,448	68	0.7%
58 - GAS	8,051	7,668	383	5.0%
59 - NUCLEAR	0	0	0	0.0%
60	0	0	0	0.0%
61	0	0	0	0.0%
62 - SYSTEM (BTU/KWH)	8,745	8,595	149	1.7%

A-3 Generating System Comparative Data Report

Duke Energy Florida

Docket No. 160001-EI
Witness: Menendez
Exhibit No. (CAM-3T)
Schedule: A3-3
Sheet 7 of 9

<u>FUEL COST OF SYSTEM</u>	<u>ACTUAL</u>	<u>ESTIMATED</u>	<u>DIFFERENCE</u>	<u>DIFFERENCE (%)</u>
<u>GENERATED FUEL COST PER KWH (CENTS/KWH)</u>				
63 - HEAVY OIL	0.00	0.00	0.00	0.0%
64 - LIGHT OIL	28.40	134.78	(106.38)	(78.9%)
65 - COAL	3.91	3.69	0.22	5.9%
66 - GAS	3.76	4.23	(0.47)	(11.1%)
67 - NUCLEAR	0.00	0.00	0.00	0.0%
68	0.00	0.00	0.00	0.0%
69	0.00	0.00	0.00	0.0%
<u>70 - SYSTEM (CENTS/KWH)</u>	<u>3.85</u>	<u>4.06</u>	<u>(0.21)</u>	<u>(5.2%)</u>

Duke Energy Florida
Schedule A6
Power Sold for the Month of
December 2015

Docket No. 160001-EI
Witness: Menendez
Exhibit No. (CAM-3T)
Schedule A6
Sheet 8 of 9

(1)	(2)	(3)	(4)	(5)	(6a)	(6b)	(7)	(8)	(9)
Sold To	Type & Schedule	Total KWH Sold (000)	KWH Wheeled from Other Systems (000)	KWH from Own Generation (000)	Fuel Cost C/KWH	Total Cost C/KWH	Fuel Adj Total \$	Total Cost \$	Gain on Sales \$
ESTIMATED		4,380			3.123	3.810	136,796.00	166,891.00	30,095.00
ACTUAL									
Exelon Generation Company, LLC	InternationalSwapsDe	175		175	2.335	2.584	4,086.70	4,522.15	435.45
Florida Power & Light Company	CR-1	600		600	2.445	2.968	14,670.81	17,806.20	3,135.39
PJM Settlements, Inc	MR1	1,297		1,297	2.001	2.078	25,954.97	26,953.43	998.46
Reedy Creek Improvement District	CR-1	1,750		1,750	1.784	2.491	31,227.45	43,591.05	12,363.60
Reedy Creek Improvement District	Schedule C	45		45	2.093	2.792	941.85	1,256.30	314.45
The Energy Authority	EI	40		40	1.060	1.349	423.94	539.78	115.84
The Energy Authority	Schedule OS	595		595	2.204	2.842	13,113.59	16,910.10	3,796.51
Subtotal - Gain on Other Power Sales		4,502		4,502	2.008	2.478	90,419.31	111,579.01	21,159.70
CURRENT MONTH TOTAL		4,502		4,502	2.01	2.48	90,419.31	111,579.01	21,159.70
DIFFERENCE		122		4,502	(1.11)	(1.33)	(46,376.69)	(55,311.99)	(8,935.30)
DIFFERENCE %		3		-	(35.69)	(34.95)	(33.90)	(33.14)	(29.69)
CUMULATIVE ACTUAL		193,138		193,138	3.01	4.94	5,814,590.94	9,535,245.72	3,720,654.78
CUMULATIVE ESTIMATED		126,300		121,920	3.32	4.06	4,199,152.00	5,122,965.00	923,813.00
DIFFERENCE		66,838		71,218	(0.31)	0.88	1,615,438.94	4,412,280.72	2,796,841.78
DIFFERENCE %		53		58	(9.45)	21.72	38.47	86.13	302.75

DUKE ENERGY FLORIDA
 SCHEDULE A12 - CAPACITY COSTS
 FOR THE PERIOD JAN - DEC 2015

Docket No. 160001-EI
 Witness: Menendez
 Exhibit No. (CAM-3T)
 Schedule A12
 Sheet 9 of 9

Counterparty	Type	MW	Start Date - End Date	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD
1 Orange Cogen (ORANGECO)	QF	74.00	7/1/95 - 12/31/24	3,108,487	3,266,545	3,266,545	3,266,545	3,266,545	3,266,545	3,266,545	3,266,545	3,266,545	3,266,545	3,266,545	3,266,545	39,040,487
2 Orlando Cogen Limited (ORLACOGL)	QF	79.20	9/1/93 - 12/31/23	4,390,316	4,602,317	4,594,986	4,491,065	4,619,448	4,619,448	4,619,448	4,619,448	4,619,448	4,619,448	4,619,448	4,619,448	46,244,108
3 Pasco County Resource Recovery (PASCOUNT)	QF	23.00	1/1/95 - 12/31/24	1,483,270	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	1,577,570	18,836,540
4 Pinellas County Resource Recovery (PINCOUNT)	QF	54.75	1/1/95 - 12/31/24	3,530,828	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	3,755,303	44,839,155
5 Polk Power Partners, L.P. (MULBERRY)	QF	115.00	8/1/94 - 8/8/24	5,999,259	6,306,018	6,306,018	6,306,018	6,306,018	6,287,309	6,306,018	6,306,018	6,306,018	6,306,018	6,306,018	6,306,018	75,346,748
6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	QF	39.60	8/1/94 - 12/31/23	661,873	698,574	715,513	729,448	741,070	754,330	717,450	677,120	665,502	655,232	623,134	622,230	8,261,478
7 Southern purchase - Scherer	Other	74	6/1/10 - 5/31/16	1,750,402	1,787,399	1,756,170	1,757,178	1,824,402	3,375,058	1,767,776	1,767,514	1,767,518	1,765,673	1,765,484	1,765,673	22,850,249
8 Southern purchase - Franklin	Other	350	6/1/10 - 5/31/16	3,119,543	3,290,615	3,174,459	3,182,635	3,179,430	2,251,554	3,181,573	3,180,294	3,504,765	3,171,307	3,170,383	3,171,307	37,577,865
9 Retail Wheeling				(44,982)	(109,006)	(31,099)	(4,143)	(42,143)	(19,211)	(10,188)	(49,327)	(24,634)	(9,153)	(30,188)	(20,424)	(394,498)
10 Levy Projected Expense				9,215,650	9,145,040	9,074,430	9,003,820	0	0	0	0	0	0	0	0	36,438,940
11 CR-3 Projected Expense				5,442,716	5,412,634	5,382,366	5,352,099	5,321,833	5,291,141	5,260,871	5,208,780	5,178,331	5,148,065	5,117,797	5,087,530	63,204,163
SUBTOTAL				38,657,362	39,733,009	39,572,261	39,417,539	30,549,476	31,159,046	30,442,366	30,309,265	30,616,365	30,256,007	30,171,494	21,361,044	392,245,234

Purchases/Sales (Net)	Other	MW	Contracts	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YTD
Chattahoochee Capacity Purchase		5.25	1/1/03-1/31/17	0	0	0	0	0	0	0	0	0	0	0	0	0
Vandolah Capacity - Northern Star		655	6/1/12-5/31/27	2,932,374	2,895,800	1,886,774	1,947,064	2,800,877	5,785,668	5,780,497	5,715,411	2,715,406	1,919,503	2,016,937	2,947,051	39,343,362
Schedule H Capacity Sales-NSB		-1	on-going no term date	(14,792)	(14,792)	(14,792)	(14,792)	(16,080)	(16,080)	0	0	0	0	0	0	(91,328)
Shady Hills Tolling		517	4/1/07-4/30/24	1,410,076	1,646,992	1,406,900	1,440,840	1,912,680	3,888,000	3,888,000	3,886,445	1,814,400	1,366,200	1,366,200	1,941,646	25,968,379
Calpine Osprey		515	Oct 2014 to Dec 2016	1,405,950	1,465,539	1,443,650	1,443,650	1,443,650	1,443,650	1,443,650	1,443,650	1,443,650	1,443,650	1,443,650	1,443,650	17,307,989
Total		1691.25		5,733,608	5,993,540	4,722,532	4,816,761	6,141,127	11,101,238	11,112,147	11,045,506	5,973,456	4,729,353	4,826,787	6,332,347	82,528,402

TOTAL				44,390,970	45,726,549	44,294,793	44,234,300	36,690,604	42,260,284	41,554,513	41,354,770	36,589,821	34,985,360	34,998,281	27,693,391	474,773,637
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Capital Structure and Cost Rates Applied to Capital Projects
 Duke Energy Florida
 Estimated for the Period of : January through June 2015

	Adjusted Retail \$000's	Ratio	Cost Rate	Weighted Cost
Common Equity	\$ 4,101,842	48.36%	10.50%	5.08%
Preferred Stock	-	0.00%	0.00%	0.00%
Long Term Debt	3,174,547	37.42%	5.22%	1.95%
Short Term Debt	79,303	0.93%	1.22%	0.01%
Customer Deposits - Active	157,817	1.86%	2.25%	0.04%
Customer Deposits - Inactive	1,181	0.01%	0.00%	0.00%
Deferred Tax	1,114,885	13.14%	0.00%	0.00%
Deferred Tax (FAS 109)	(148,097)	-1.75%	0.00%	0.00%
ITC	1,246	0.01%	0.00%	0.00%
	<u>8,482,724</u>	<u>88.34%</u>		<u>7.08%</u>

Total Debt 2.00%
 Total Equity 5.08%

* May 2014 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 2015 Actual 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 2015

	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>100.00%</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 2015 Actual True-up Filing does not currently include a capital return component