



Matthew R. Bernier
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Duke Energy Florida, LLC.

July 27, 2018

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. 20180001-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 2018 through December 2018. 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 2018 through December 2018; 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

MRB/mw
Enclosures

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Fuel and Purchase Power : DOCKET NO. 20180001-EI
Cost Recovery Clause and Generating :
Performance Incentive Factor : Filed: July 27, 2018

**PETITION FOR APPROVAL OF FUEL COST RECOVERY AND CAPACITY COST
RECOVERY ACTUAL/ESTIMATED TRUE-UP FOR THE PERIOD
JANUARY 2018 THROUGH DECEMBER 2018**

Duke Energy Florida, LLC (“DEF”) hereby petitions the Commission for approval of its actual/estimated Fuel and Purchased Power Cost Recovery True-Up of \$148,450,915 under-recovery, and approval of its actual/estimated Capacity Cost Recovery true-up of \$16,610,473 over-recovery for the period January 2018 through December 2018. 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 5 through 7, 2018.

2. The actual/estimated under-recovery of \$148,450,915 in the fuel cost recovery for the period January 2018 through December 2018 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 2018 and re-estimated data for the period July through December 2018. The supporting documentation is contained in the prepared direct testimony and exhibits of DEF witness Christopher A. Menendez which is being filed together with this Petition.

3. The actual/estimated \$16,610,473 capacity over-recovery for the period January through December 2018 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 2018 and re-estimated data for the period July through December 2018. The supporting documentation is contained in the prepared direct testimony and exhibits of DEF witness Christopher A. Menendez.

4. DEF's net capacity over-recovery is \$16,610,473. Included is \$49,612,736 of 2018 recoverable expenses associated with the CR3 Uprate project approved in Order No. PSC-2017-0445-FOF-EI.

WHEREFORE, Duke Energy Florida, LLC respectfully requests the Commission to approve the \$148,450,915 under-recovery as the actual/estimated fuel cost recovery true-up amount for the period January through December 2018 and to approve the \$16,610,473 over-recovery as the actual/estimated capacity cost recovery true-up amount for the period January through December 2018.

Respectfully,

s/Matthew R. Bernier

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Duke Energy Florida, LLC
Docket No.: 20180001-EI
CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail this 27th day of July, 2018 to all parties of record as indicated below.

s/Matthew R. Bernier

Attorney

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1 **DUKE ENERGY FLORIDA, LLC**

2 **DOCKET No. 20180001-EI**

3 **Fuel and Capacity Cost Recovery**
4 **Actual/Estimated True-Up Amounts**
5 **January through December 2018**

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

8 **July 27, 2018**

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. 20180001-EI?**

16 A. Yes. I provided direct testimony on March 2, 2018.

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

20 A. No.

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

23 A. The purpose of my testimony is to present for Commission approval the
24 actual/estimated fuel and capacity cost recovery true-up amounts of
25 Duke Energy Florida, LLC (“DEF” or the “Company”) for the period of
26 January through December 2018.

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

2 A. Yes. I have prepared Exhibit No. ___ (CAM-2), which is attached to my
3 prepared testimony, consisting of two parts. Part 1 consists of
4 Schedules E1-B through E9, which include the calculation of the 2018
5 actual/estimated fuel and purchased power true-up balance, and a
6 schedule to support the capital structure components and cost rates
7 relied upon to calculate the return requirements on all capital projects
8 recovered through the fuel clause as required per Order No. PSC-2018-
9 0079-PCO-EI. Part 2 consists of Schedules E12-A through E12-C,
10 which include the calculation of the 2018 actual/estimated capacity true-
11 up balance. The calculations in my exhibit are based on actual data from
12 January through June 2018 and estimated data from July through
13 December 2018.

14

15 **FUEL COST RECOVERY**

16

17 **Q. What is the amount of DEF's 2018 estimated fuel true-up balance**
18 **and how was it developed?**

19 A. DEF's estimated fuel true-up balance is an under-recovery of
20 \$148,450,915. The calculation begins with the actual under-recovered
21 balance of \$215,108,517 taken from Schedule A2, page 2 of 2, line 13,
22 for the month of June 2018. This balance plus the estimated July
23 through December 2018 monthly true-up calculations comprise the
24 estimated \$148,450,915 under-recovered balance at year-end. The
25 projected December 2018 true-up balance includes interest which is

1 estimated from July through December 2018 based on the average of
2 the beginning and ending commercial paper rate applied in June. That
3 rate is 0.160% per month.

4

5 **Q. How does the current forecast of fuel costs on Schedule E3 for July**
6 **through December 2018 compare with the same period forecast**
7 **used in the Company's 2018 projection filing approved in Order No.**
8 **PSC-2018-0028-FOF-EI?**

9 A. Natural gas, coal and light oil costs increased \$0.10/mmbtu (2%),
10 \$0.39/mmbtu (13%) and \$9.50/mmbtu (50%), respectively.

11

12 **Q. Have any adjustments been made to estimated fuel costs for the**
13 **period July through December 2018?**

14 A. Yes. Consistent with Order No. PSC-2018-0240-PAA-EQ dated June 8,
15 2018, DEF included an adjustment of \$6,232,811 (grossed up to
16 \$6,266,531 from retail to system) for the amortization of Florida Power
17 Development, LLC qualifying facility regulatory asset from August 2018
18 through December 2018. This adjustment is included on Schedule E1-B
19 (sheet 2), line A5, columns Aug Estimated through Dec Estimated.

20

21 **Q. Does DEF expect to exceed the three-year rolling average gain on**
22 **non-separated power sales in 2018?**

23 A. Yes. DEF estimates the total gain on non-separated sales during 2018
24 will be \$2,179,293, which exceeds the three-year rolling average of
25 \$1,817,289. Consistent with Order No. PSC-01-2371-FOF-EI,

1 shareholders retain 20% of the gains in excess of the three-year rolling
2 average. For 2018, this is estimated to be \$72,401.

3

4

CAPACITY COST RECOVERY

5

6 **Q. What is DEF's 2018 estimated capacity true-up balance and how**
7 **was it developed?**

8 A. DEF's estimated capacity true-up balance is an over-recovery of
9 \$16,610,473. The estimated true-up calculation begins with the actual
10 under-recovered balance of \$10,627,989 for the month of June 2018.
11 This balance plus the estimated July through December 2018 monthly
12 true-up calculations comprise the estimated \$16,610,473 over-recovered
13 balance at year-end. The projected December 2018 true-up balance
14 includes interest which is estimated from July through December 2018
15 based on the average of the beginning and ending commercial paper
16 rate applied in June. That rate is 0.160% per month.

17

18 **Q. What are the primary drivers of the estimated year-end 2018**
19 **capacity under-recovery?**

20 A. The \$16.6 million over-recovery is primarily attributable to approximately
21 \$9.2 million lower capacity costs, approximately \$7.1 higher than
22 projected capacity revenues and approximately \$0.3 million prior period
23 true up over-recovery balance.

24

1 **Q. Has DEF included the nuclear cost recovery amounts approved in**
2 **Order No. PSC-2017-0445-FOF-EI?**

3 A. Yes. DEF has included \$49,612,736 of 2018 recoverable expenses
4 associated with the CR-3 Uprate project.

5

6 **Q. Has DEF included the Department of Energy award in its ISFSI**
7 **costs?**

8 A. Yes. Consistent with the 2017 Second Revised and Restated Settlement
9 Agreement approved by the Commission in Order No. PSC-2017-0451-
10 AS-EU, DEF reduced the Independent Spent Fuel Storage Installation
11 (ISFSI) regulatory asset by approximately \$18.3 million in February
12 2018.

13

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

15 A. Yes.

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DUKE ENERGY FLORIDA, LLC
Fuel Cost Recovery
Actual / Estimated True-Up
January through December 2018

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

Duke Energy Florida, LLC
Calculation of Estimated True-Up
6 Months Actual & 6 Months Estimated
Estimated for the Period of : January 2018 through December 2018

	Jan Actual	Feb Actual	Mar Actual	Apr Actual	May Actual	Jun Actual	6 Month Sub-Total
A 1 Fuel Cost of System Generation	\$ 112,913,665	\$ 83,401,172	\$ 84,812,907	\$ 89,220,818	\$ 111,294,344	\$ 125,529,591	\$ 607,172,497
2 Fuel Cost of Power Sold	(9,605,716)	(3,497,655)	(2,583,535)	(2,055,117)	(2,910,542)	(5,643,807)	(26,296,373)
3 Fuel Cost of Purchased Power	8,102,839	8,081,727	8,846,730	14,994,550	12,024,468	17,187,681	69,237,994
3a Demand and Non-Fuel Cost of Purchased Power							-
3b Energy Payments to Qualified Facilities	12,317,998	13,169,787	11,522,091	12,129,406	13,617,807	12,190,979	74,948,069
4 Energy Cost of Economy Purchases	2,201,782	344,053	853,758	1,336,389	1,331,976	588,120	6,656,077
5 Adjustments to Fuel Cost	104,607	380	470	560	(98,376)	730	8,370
6 TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	<u>126,035,174</u>	<u>101,499,464</u>	<u>103,452,422</u>	<u>115,626,605</u>	<u>135,259,676</u>	<u>149,853,294</u>	<u>731,726,636</u>
B 1 Jurisdictional mWh Sales	2,806,833	2,986,052	2,939,587	2,788,016	2,885,900	3,475,353	17,881,740
2 Non-Jurisdictional mWh Sales	18,727	11,367	14,028	15,678	20,520	25,623	105,944
3 TOTAL SALES (Lines B1 + B2)	<u>2,825,560</u>	<u>2,997,418</u>	<u>2,953,615</u>	<u>2,803,694</u>	<u>2,906,421</u>	<u>3,500,976</u>	<u>17,987,684</u>
4 Jurisdictional % of Total Sales (Line B1/B3)	99.34%	99.62%	99.53%	99.44%	99.29%	99.27%	99.41%
C 1 Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	114,339,903	121,300,462	118,437,965	112,665,165	117,461,745	143,106,586	727,311,827
2 True-Up Provision	(8,145,991)	(8,145,991)	(8,145,991)	(8,145,991)	(8,145,991)	(8,145,991)	(48,875,946)
2a Incentive Provision	(232,768)	(232,768)	(232,768)	(232,768)	(232,768)	(232,768)	(1,396,608)
3 FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	<u>105,961,144</u>	<u>112,921,703</u>	<u>110,059,206</u>	<u>104,286,406</u>	<u>109,082,986</u>	<u>134,727,827</u>	<u>677,039,273</u>
4 Fuel & Net Power Transactions (Line A6)	126,035,174	101,499,464	103,452,422	115,626,605	135,259,676	149,853,294	731,726,636
5 Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	<u>125,343,570</u>	<u>101,145,111</u>	<u>102,998,115</u>	<u>115,014,740</u>	<u>134,340,965</u>	<u>148,805,481</u>	<u>727,647,982</u>
6 Over/(Under) Recovery (Line C3 - Line C5)	(19,382,425)	11,776,592	7,061,090	(10,728,334)	(25,257,978)	(14,077,653)	(50,608,709)
7 Interest Provision	(275,867)	(272,833)	(283,996)	(294,237)	(309,957)	(338,886)	(1,775,776)
8 TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	<u>(19,658,292)</u>	<u>11,503,759</u>	<u>6,777,095</u>	<u>(11,022,571)</u>	<u>(25,567,935)</u>	<u>(14,416,537)</u>	<u>(52,384,482)</u>
9 Plus: Prior Period Balance	(211,599,981)	(211,599,981)	(211,599,981)	(211,599,981)	(211,599,981)	(211,599,981)	(211,599,981)
10 Plus: Cumulative True-Up Provision	8,145,991	16,291,982	24,437,973	32,583,964	40,729,955	48,875,946	48,875,946
11 Subtotal Prior Period True-up	(203,453,990)	(195,307,999)	(187,162,008)	(179,016,017)	(170,870,026)	(162,724,035)	(162,724,035)
12 Regulatory Accounting Adjustment	-	-	-	-	-	-	-
13 TOTAL TRUE-UP BALANCE	<u>(\$223,112,283)</u>	<u>(203,462,533)</u>	<u>(\$188,539,447)</u>	<u>(\$191,416,028)</u>	<u>(\$208,837,972)</u>	<u>(\$215,108,517)</u>	<u>(215,108,517)</u>

Duke Energy Florida, LLC
Calculation of Estimated True-Up
6 Months Actual & 6 Months Estimated
Estimated for the Period of : January 2018 through December 2018

	Jul Estimated	Aug Estimated	Sep Estimated	Oct Estimated	Nov Estimated	Dec Estimated	12 Month Period
A 1 Fuel Cost of System Generation	\$ 134,146,384	\$ 135,566,020	\$ 127,685,381	\$ 113,036,297	\$ 98,793,448	\$ 105,646,287	\$ 1,322,046,314
2 Fuel Cost of Power Sold	(2,733,280)	(3,042,758)	(2,389,591)	(1,860,656)	(1,440,801)	(1,898,113)	(39,661,571)
3 Fuel Cost of Purchased Power	11,454,032	11,066,448	7,669,205	4,622,388	472,290	269,187	104,791,544
3a Demand and Non-Fuel Cost of Purchased Power							0
3b Energy Payments to Qualified Facilities	14,137,764	11,653,872	10,903,647	7,192,194	10,719,470	11,174,285	140,729,302
4 Energy Cost of Economy Purchases	314,846	569,569	342,596	204,877	60,855	120,872	8,269,692
5 Adjustments to Fuel Cost	0	1,261,599	1,257,084	1,252,952	1,248,196	1,246,700	6,274,902
6 TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	<u>157,319,747</u>	<u>157,074,751</u>	<u>145,468,322</u>	<u>124,448,053</u>	<u>109,853,458</u>	<u>116,559,218</u>	<u>1,542,450,184</u>
B 1 Jurisdictional mWh Sales	3,842,941	4,014,062	3,923,616	3,561,556	3,027,388	2,879,737	39,131,041
2 Non-Jurisdictional mWh Sales	22,368	24,340	21,311	18,093	13,020	17,608	222,684
3 TOTAL SALES (Lines B1 + B2)	<u>3,865,309</u>	<u>4,038,402</u>	<u>3,944,927</u>	<u>3,579,649</u>	<u>3,040,408</u>	<u>2,897,345</u>	<u>39,353,725</u>
4 Jurisdictional % of Total Sales (Line B1/B3)	99.42%	99.40%	99.46%	99.49%	99.57%	99.39%	99.43%
C 1 Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	158,485,523	165,542,690	161,812,596	146,881,013	124,851,565	118,762,346	1,603,647,559
2 True-Up Provision	(8,145,991)	(8,145,991)	(8,145,991)	(8,145,991)	(8,145,991)	(8,145,991)	(97,751,887)
2a Incentive Provision	(232,768)	(232,768)	(232,768)	(232,768)	(232,768)	(232,768)	(2,793,216)
3 FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	<u>150,106,764</u>	<u>157,163,931</u>	<u>153,433,837</u>	<u>138,502,254</u>	<u>116,472,806</u>	<u>110,383,587</u>	<u>1,503,102,456</u>
4 Fuel & Net Power Transactions (Line A6)	157,319,747	157,074,751	145,468,322	124,448,053	109,853,458	116,559,218	1,542,450,184
5 Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	<u>156,455,778</u>	<u>156,180,703</u>	<u>144,727,645</u>	<u>123,851,750</u>	<u>109,414,997</u>	<u>115,884,120</u>	<u>1,534,162,974</u>
6 Over/(Under) Recovery (Line C3 - Line C5)	(6,349,015)	983,228	8,706,193	14,650,504	7,057,809	(5,500,532)	(31,060,523)
7 Interest Provision	(342,645)	(334,448)	(314,200)	(282,992)	(253,058)	(239,187)	(3,542,306)
8 TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	<u>(6,691,660)</u>	<u>648,780</u>	<u>8,391,992</u>	<u>14,367,511</u>	<u>6,804,751</u>	<u>(5,739,719)</u>	<u>(34,602,826)</u>
9 Plus: Prior Period Balance	(211,599,981)	(211,599,981)	(211,599,981)	(211,599,981)	(211,599,981)	(211,599,981)	(211,599,981)
10 Plus: Cumulative True-Up Provision	57,021,937	65,167,928	73,313,919	81,459,910	89,605,901	97,751,892	97,751,892
11 Subtotal Prior Period True-up	(154,578,044)	(146,432,053)	(138,286,062)	(130,140,071)	(121,994,080)	(113,848,089)	(113,848,089)
12 Regulatory Accounting Adjustment	-	-	-	-	-	-	-
13 TOTAL TRUE-UP BALANCE	<u>(\$213,654,186)</u>	<u>(\$204,859,415)</u>	<u>(\$188,321,432)</u>	<u>(\$165,807,929)</u>	<u>(\$150,857,187)</u>	<u>(\$148,450,915)</u>	<u>(148,450,915)</u>

Duke Energy Florida, LLC
 Comparison of Actual/Estimated Vs. Original Projections
 of the Fuel and Purchased Power Cost Recovery Factor
 Estimated for the Period of : January 2018 through December 2018

	DOLLARS				mWh				c/kWh			
	Actual/ Estimated	Projection Filing	Difference		Actual/ Estimated	Projection Filing	Difference		Actual/ Estimated	Projection Filing	Difference	
			Amount	%			Amount	%			Amount	%
1 Fuel Cost of System Net Generation (E3)	1,322,046,314	1,306,363,114	15,683,200	1%	37,640,386	37,753,407	(113,020)	0%	3.512	3.460	0.052	2%
2 Coal Car Investment	0	0	-	0%			-	0%	0.000	0.000	0.000	0%
3 Adjustment to Fuel Cost	6,274,902	0	6,274,902	0%			-	0%	0.000	0.000	0.000	0%
4 TOTAL COST OF GENERATED POWER	1,328,321,216	1,306,363,114	21,958,102	2%	37,640,386	37,753,407	(113,020)	0%	3.529	3.460	0.069	2%
5 Energy Cost of Purchased Power (Excl. Econ & Cogens) (E7)	104,791,544	62,109,541	42,682,003	69%	2,405,479	1,522,750	882,729	58%	4.356	4.079	0.278	7%
6 Energy Cost of Economy Purchases (E9)	8,269,692	1,555,930	6,713,762	431%	184,233	32,872	151,360	460%	4.489	4.733	-0.245	-5%
7 Payments to Qualifying Facilities (E8)	140,729,302	159,724,948	(18,995,647)	-12%	3,176,824	3,645,241	(468,417)	-13%	4.430	4.382	0.048	1%
8 TOTAL COST OF PURCHASED POWER	253,790,538	223,390,419	30,400,119	14%	5,766,535	5,200,863	565,672	11%	4.401	4.295	0.106	2%
9 TOTAL AVAILABLE mWh (LINE 5 + LINE 9)			-		43,406,921	42,954,270	452,652	1%	0.000	0.000	0.000	0%
10 Fuel Cost of Economy Sales (E6)	(3,043,086)	(4,084,821)	1,041,735	-26%	(73,322)	(108,878)	35,556	-33%	4.150	3.752	0.399	11%
10a Gain on Economy Sales (E6)	(2,179,293)	(983,516)	(1,195,777)	122%	(73,322)	(108,878)	35,556	-33%	2.972	0.903	2.069	229%
10b Gain on Total Power Sales - 20% (E6)	72,401	0	72,401	100%			-	0%	0.000	0.000	0.000	0%
11 Fuel Cost of Stratified Sales (E6)	(34,511,593)	(21,749,236)	(12,762,356)	59%	(1,717,858)	(1,364,879)	(352,979)	26%	2.009	1.593	0.415	26%
12 TOTAL FUEL COST AND GAINS OF POWER SALES (LINES 10 + 10a + 10b + 11)	(39,661,571)	(26,817,573)	(12,843,998)	48%	(1,791,180)	(1,473,757)	(317,423)	22%	2.214	1.820	0.395	22%
13 Net Inadvertent Interchange					96,969		96,969					
14 TOTAL FUEL & NET POWER TRANSACTIONS (LINES 4 + 8 + 12 + 13)	1,542,450,184	1,502,935,960	39,514,224	3%	41,712,710	41,480,513	232,198	1%	3.698	3.623	0.075	2%
15 Net Unbilled					276,694	30,034	246,660	821%	0.000	0.000	0.000	0%
16 Company Use					(195,876)	(165,734)	(30,142)	18%	0.000	0.000	0.000	0%
17 T & D Losses					(2,439,804)	(2,410,097)	(29,707)	1%	0.000	0.000	0.000	0%
18 SYSTEM mWh SALES	1,542,450,184	1,502,935,960	39,514,224	3%	39,353,725	38,934,716	419,009	1%	3.919	3.860	0.059	2%
19 Wholesale mWh Sales	(8,864,036)	(8,182,514)	(681,523)	8%	(222,684)	(211,532)	(11,152)	5%	3.981	3.868	0.112	3%
20 Jurisdictional mWh Sales	1,533,586,147	1,494,753,447	38,832,701	3%	39,131,041	38,723,184	407,857	1%	3.919	3.860	0.059	2%
20a Jurisdictional Loss Multiplier	1.00031	1.00112	-0.00081	0%	1.00031	1.00112	-0.00081	0%				
21 Jurisdictional Sales Adjusted for Line Losses	1,534,162,974	1,496,427,570	37,735,403	3%	39,131,041	38,723,184	407,857	1%	3.921	3.864	0.056	1%
22 TRUE-UP	211,599,981	97,751,887	113,848,094	116%	39,131,041	38,723,184	407,857	1%	0.541	0.252	0.288	114%
23 TOTAL JURISDICTIONAL FUEL COST	1,745,762,958	1,594,179,457	151,583,500	10%	39,131,041	38,723,184	407,857	1%	4.461	4.117	0.344	8%
24 Revenue Tax Factor	1,256,949	1,147,809	109,140	10%								
25 Fuel Factor Adjusted for Taxes	1,747,019,907	1,595,327,266	151,692,640	10%	39,131,041	38,723,184	407,857	1%	4.465	4.120	0.345	8%
26 GPIF **	2,793,216	2,793,216	-	0%	39,131,041	38,723,184	407,857	1%	0.007	0.007	0.000	-1%
27 Fuel Factor Adjusted for Taxes Including GPIF	1,749,813,123	1,598,120,482	151,692,640	9%	39,131,041	38,723,184	407,857	1%	4.472	4.127	0.345	8%
28 FUEL FACTOR ROUNDED TO NEAREST .001 c/kWh									4.472	4.127	0.345	8%

Duke Energy Florida, LLC
Fuel and Purchased Power Cost Recovery Clause
Estimated for the Period of : January 2018 through December 2018

		Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Estimated Jul-18	Estimated Aug-18	Estimated Sep-18	Estimated Oct-18	Estimated Nov-18	Estimated Dec-18	TOTAL
1	Fuel Cost of System Net Generation	\$112,913,665	\$83,401,172	\$84,812,907	\$89,220,818	\$111,294,344	\$125,529,591	\$134,146,384	\$135,566,020	\$127,685,381	\$113,036,297	\$98,793,448	\$105,646,287	\$1,322,046,314
1a	Adjustments to Fuel Cost	104,607	380	470	560	(98,376)	730	0	1,261,599	1,257,084	1,252,952	1,248,196	1,246,700	6,274,902
2	Fuel Cost of Power Sold	(1,424,777)	(21,226)	(39,917)	(25,451)	(63,832)	(1,581)	(127,214)	(377,184)	(141,130)	(86,676)	(346,606)	(387,492)	(3,043,086)
2a	Gains on Power Sales	(1,680,670)	(8,205)	(43,512)	(7,046)	(30,328)	(1,665)	(35,387)	(104,917)	(39,257)	(24,110)	(96,412)	(107,785)	(2,179,293)
2b	Gain on Total Power Sales - 20%	0	0	0	0	0	0	0	18,888	7,851	4,822	19,282	21,557	72,401
2c	Fuel Cost of Stratified Sales	(6,500,269)	(3,468,224)	(2,500,106)	(2,022,621)	(2,816,382)	(5,640,562)	(2,570,679)	(2,579,545)	(2,217,056)	(1,754,692)	(1,017,065)	(1,424,393)	(34,511,593)
3	Fuel Cost of Purchased Power (Excl Economy)	8,102,839	8,081,727	8,846,730	14,994,550	12,024,468	17,187,681	11,454,032	11,066,448	7,669,205	4,622,388	472,290	269,187	104,791,544
3a	Energy Payments to Qualifying Facilities	12,317,998	13,169,787	11,522,091	12,129,406	13,617,807	12,190,979	14,137,764	11,653,872	10,903,647	7,192,194	10,719,470	11,174,285	140,729,302
4	Energy Cost of Economy Purchases	2,201,782	344,053	853,758	1,336,389	1,331,976	588,120	314,846	569,569	342,596	204,877	60,855	120,872	8,269,692
5	Total System Fuel & Net Power Transactions	\$126,035,174	\$101,499,464	\$103,452,422	\$115,626,605	\$135,259,676	\$149,853,294	\$157,319,747	\$157,074,751	\$145,468,322	\$124,448,053	\$109,853,458	\$116,559,218	\$1,542,450,184
6	Jurisdictional MWH Sold	2,806,833	2,986,052	2,939,587	2,788,016	2,885,900	3,475,353	3,842,941	4,014,062	3,923,616	3,561,556	3,027,388	2,879,737	39,131,041
4	Jurisdictional % of Total Sales	99.34%	99.62%	99.53%	99.44%	99.29%	99.27%	99.42%	99.40%	99.46%	99.49%	99.57%	99.39%	99.43%
8	Jurisdictional Fuel & Net Power Transactions	125,203,342	101,113,766	102,966,196	114,979,096	134,299,332	148,759,365	156,407,292	156,132,302	144,682,793	123,813,368	109,381,088	115,848,207	1,533,586,147
9	Jurisdictional Loss Multiplier	1.00112	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031
10	Jurisdictional Fuel & Net Power Transactions	125,343,570	101,145,111	102,998,115	115,014,740	134,340,965	148,805,481	156,455,778	156,180,703	144,727,645	123,851,750	109,414,997	115,884,120	1,534,162,974
11	Adjusted System Sales	MWH 2,825,560	2,997,418	2,953,615	2,803,694	2,906,421	3,500,976	3,865,309	4,038,402	3,944,927	3,579,649	3,040,408	2,897,345	39,353,725
12	System Cost per MWH Sold	c/kwh 4.4606	3.3862	3.5026	4.1240	4.6539	4.2802	4.0700	3.8895	3.6875	3.4765	3.6131	4.0230	3.9195
13	Jurisdictional Loss Multiplier	x 1.00112	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031	1.00031
14	Jurisdictional Cost per MWH Sold	c/kwh 4.4657	3.3873	3.5038	4.1253	4.6551	4.2817	4.0713	3.8908	3.6886	3.4775	3.6142	4.0241	3.9206
15	Prior Period True-Up	+ 0.6282	0.5905	0.5999	0.6325	0.6110	0.5074	0.4589	0.4393	0.4494	0.4951	0.5825	0.6123	0.5407
16	Total Jurisdictional Fuel Expense	c/kwh 5.0939	3.9778	4.1037	4.7578	5.2661	4.7891	4.5301	4.3301	4.1380	3.9726	4.1966	4.6364	4.4613
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 5.0976	3.9806	4.1066	4.7612	5.2699	4.7926	4.5334	4.3332	4.1410	3.9754	4.1997	4.6398	4.4645
19	GPIF	+ 0.0083	0.0078	0.0079	0.0083	0.0081	0.0067	0.0061	0.0058	0.0059	0.0065	0.0077	0.0081	0.0071
20	Total Recovery Factor (rounded .001)	c/kwh 5.106	3.988	4.115	4.770	5.278	4.799	4.539	4.339	4.147	3.982	4.207	4.648	4.472

Duke Energy Florida, LLC
 Generating System Comparative Data by Fuel Type
 Estimated for the Period of : January 2018 through December 2018

	Actual	Actual	Actual	Actual	Actual	Actual	
	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Subtotal
FUEL COST OF SYSTEM NET GENERATION (\$)							
1 HEAVY OIL	0	0	0	0	0	0	0
2 LIGHT OIL	5,877,262	660,215	581,356	1,615,703	1,964,956	4,230,907	14,930,398
3 COAL	27,202,403	23,998,776	16,191,070	16,603,005	20,985,520	28,039,467	133,020,241
4 GAS	79,834,001	58,742,181	68,040,481	71,002,110	88,343,868	93,259,217	459,221,858
5 NUCLEAR	0	0	0	0	0	0	0
6 OTHER	0	0	0	0	0	0	0
7 TOTAL \$	112,913,665	83,401,172	84,812,907	89,220,818	111,294,344	125,529,591	607,172,497
SYSTEM NET GENERATION (MWH)							
8 HEAVY OIL	0	0	0	0	0	0	0
9 LIGHT OIL	24,712	2,782	2,186	6,392	7,605	16,268	59,944
10 COAL	912,141	734,434	474,387	453,955	611,468	811,200	3,997,585
11 GAS	2,346,783	1,746,875	1,967,750	2,051,419	2,447,472	2,708,842	13,269,141
12 NUCLEAR	0	0	0	0	0	0	0
13 SOLAR	2,273	2,152	3,139	3,218	2,939	2,959	16,680
14 OTHER	0	0	0	0	0	0	0
15 TOTAL MWH	3,285,908	2,486,243	2,447,462	2,514,984	3,069,484	3,539,268	17,343,349
UNITS OF FUEL BURNED							
16 HEAVY OIL BBL	0	0	0	0	0	0	0
17 LIGHT OIL BBL	52,970	5,050	4,695	13,262	16,348	36,827	129,152
18 COAL TON	391,604	333,294	219,054	222,540	277,337	363,245	1,807,074
19 GAS MCF	17,966,562	13,032,743	15,516,363	15,727,264	18,727,933	20,999,792	101,970,657
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	306,061	31,527	27,063	76,470	94,238	212,101	747,461
24 COAL	8,984,326	7,628,464	4,887,992	5,054,018	6,431,508	8,403,181	41,389,489
25 GAS	18,359,413	13,306,911	15,863,006	16,022,479	19,101,784	21,433,673	104,087,265
26 NUCLEAR	0	0	0	0	0	0	0
27 OTHER	0	0	0	0	0	0	0
28 TOTAL MMBTU	27,649,800	20,966,902	20,778,062	21,152,966	25,627,531	30,048,955	146,224,215
GENERATION MIX (% MWH)							
29 HEAVY OIL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
30 LIGHT OIL	0.75%	0.11%	0.09%	0.25%	0.25%	0.46%	0.35%
31 COAL	27.76%	29.54%	19.38%	18.05%	19.92%	22.92%	23.05%
32 GAS	71.42%	70.26%	80.40%	81.57%	79.74%	76.54%	76.51%
33 NUCLEAR	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34 SOLAR	0.07%	0.09%	0.13%	0.13%	0.10%	0.08%	0.10%
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	110.95	130.74	123.82	121.83	120.20	114.89	115.60
39 COAL \$/TON	69.46	72.00	73.91	74.61	75.67	77.19	73.61
40 GAS \$/MCF	4.44	4.51	4.39	4.51	4.72	4.44	4.50
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	19.20	20.94	21.48	21.13	20.85	19.95	19.98
45 COAL	3.03	3.15	3.31	3.29	3.26	3.34	3.21
46 GAS	4.35	4.41	4.29	4.43	4.63	4.35	4.41
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	4.08	3.98	4.08	4.22	4.34	4.18	4.15
BTU BURNED PER KWH (BTU/KWH)							
50 HEAVY OIL	0	0	0	0	0	0	0
51 LIGHT OIL	12,385	11,334	12,382	11,964	12,391	13,038	12,469
52 COAL	9,850	10,387	10,304	11,133	10,518	10,359	10,354
53 GAS	7,823	7,618	8,061	7,810	7,805	7,912	7,844
54 NUCLEAR	0	0	0	0	0	0	0
55 OTHER	0	0	0	0	0	0	0
56 TOTAL BTU/KWH	8,415	8,433	8,490	8,411	8,349	8,490	8,431
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	23.78	23.73	26.60	25.28	25.84	26.01	24.91
59 COAL	2.98	3.27	3.41	3.66	3.43	3.46	3.33
60 GAS	3.40	3.36	3.46	3.46	3.61	3.44	3.46
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	3.44	3.35	3.47	3.55	3.63	3.55	3.50

Duke Energy Florida, LLC
 Generating System Comparative Data by Fuel Type
 Estimated for the Period of : January 2018 through December 2018

		Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	
		Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
FUEL COST OF SYSTEM NET GENERATION (\$)								
1	HEAVY OIL	0	0	0	0	0	0	0
2	LIGHT OIL	192,064	183,968	229,657	159,129	144,535	118,711	15,958,462
3	COAL	36,026,902	36,832,726	33,863,154	28,261,026	25,902,130	26,987,351	320,893,530
4	GAS	97,927,418	98,549,326	93,592,570	84,616,142	72,746,783	78,540,225	985,194,322
5	NUCLEAR	0	0	0	0	0	0	0
6	OTHER	0	0	0	0	0	0	0
7	TOTAL	\$ 134,146,384	135,566,020	127,685,381	113,036,297	98,793,448	105,646,287	1,322,046,314
SYSTEM NET GENERATION (MWH)								
8	HEAVY OIL	0	0	0	0	0	0	0
9	LIGHT OIL	80	134	218	57	0	0	60,432
10	COAL	1,030,081	1,046,058	957,147	850,628	779,965	813,967	9,475,431
11	GAS	2,766,469	2,790,461	2,673,796	2,412,462	1,975,778	2,180,108	28,068,214
12	NUCLEAR	0	0	0	0	0	0	0
13	SOLAR	3,601	3,512	3,305	3,433	2,995	2,784	36,309
14	OTHER	0	0	0	0	0	0	0
15	TOTAL	MWH 3,800,230	3,840,165	3,634,466	3,266,580	2,758,738	2,996,859	37,640,386
UNITS OF FUEL BURNED								
16	HEAVY OIL	BBL 0	0	0	0	0	0	0
17	LIGHT OIL	BBL 1,228	1,139	1,642	940	784	499	135,384
18	COAL	TON 463,264	469,120	429,061	372,764	341,675	356,754	4,239,712
19	GAS	MCF 21,725,689	21,921,101	20,703,845	18,322,965	14,361,426	15,458,280	214,463,963
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	7,156	6,629	9,562	5,479	4,565	2,905	783,757
24	COAL	10,741,429	10,915,579	10,013,535	8,742,064	8,029,140	8,391,529	98,222,765
25	GAS	21,725,689	21,921,101	20,703,845	18,322,965	14,361,426	15,458,280	216,580,571
26	NUCLEAR	0	0	0	0	0	0	0
27	OTHER	0	0	0	0	0	0	0
28	TOTAL	MMBTU 32,474,274	32,843,309	30,726,942	27,070,508	22,395,131	23,852,714	315,587,093
GENERATION MIX (% MWH)								
29	HEAVY OIL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
30	LIGHT OIL	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.16%
31	COAL	27.11%	27.24%	26.34%	26.04%	28.27%	27.16%	25.17%
32	GAS	72.80%	72.67%	73.57%	73.85%	71.62%	72.75%	74.57%
33	NUCLEAR	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34	SOLAR	0.10%	0.09%	0.09%	0.11%	0.11%	0.09%	0.10%
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 156.40	161.52	139.86	169.29	184.36	237.90	117.88
39	COAL	\$/TON 77.77	78.51	78.92	75.81	75.81	75.65	75.69
40	GAS	\$/MCF 4.51	4.50	4.52	4.62	5.07	5.08	4.59
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	26.84	27.75	24.02	29.04	31.66	40.86	20.36
45	COAL	3.35	3.37	3.38	3.23	3.23	3.22	3.27
46	GAS	4.51	4.50	4.52	4.62	5.07	5.08	4.55
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 4.13	4.13	4.16	4.18	4.41	4.43	4.19
BTU BURNED PER KWH (BTU/KWH)								
50	HEAVY OIL	0	0	0	0	0	0	0
51	LIGHT OIL	89,899	49,655	43,802	96,123	0	0	12,969
52	COAL	10,428	10,435	10,462	10,277	10,294	10,309	10,366
53	GAS	7,853	7,856	7,743	7,595	7,269	7,091	7,716
54	NUCLEAR	0	0	0	0	0	0	0
55	OTHER	0	0	0	0	0	0	0
56	TOTAL	BTU/KWH 8,545	8,553	8,454	8,287	8,118	7,959	8,384
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	241.29	137.80	105.20	279.17	0.00	0.00	26.41
59	COAL	3.50	3.52	3.54	3.32	3.32	3.32	3.39
60	GAS	3.54	3.53	3.50	3.51	3.68	3.60	3.51
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 3.53	3.53	3.51	3.46	3.58	3.53	3.51

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Jul-18

(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	0.00	0 0	0 COAL	0 TONS		0	28,077	0.00
2 CRYSTAL RIVER	2	500	109,860	29.5	94.19	31 3	12,400 COAL	59,750 TONS	22.80	1,362,300	5,855,379	5.33
3 CRYSTAL RIVER	4	732	452,336	83.1	91.29	91 0	10,212 COAL	198,736 TONS	23.24	4,619,348	14,848,985	3.28
4 CRYSTAL RIVER	5	712	467,885	88.3	97.10	91.4	10,173 COAL	204,778 TONS	23.24	4,759,781	15,294,461	3.27
5 ANCLOTE	1	517	163,333	42.5	91.61	46 3	10,600 GAS	1,731,303 MCF	1.00	1,731,303	7,978,110	4.88
6 ANCLOTE	2	521	173,577	44.8	94.19	47 5	10,800 GAS	1,874,623 MCF	1.00	1,874,623	8,414,090	4.85
7 AVON PARK	1-2	69	0	0.0	94.36	0 0	0 GAS	0 MCF		0	0	0.00
8 BARTOW	1-4	228	445	0.3	78.95	17.7	14,026 GAS	6,236 MCF	1.00	6,236	28,348	6.38
9 BARTOW CC	1	1279	622,024	65.4	94.19	69.4	7,712 GAS	4,796,909 MCF	1.00	4,796,909	21,806,295	3.51
10 CITRUS CC	1-2	820	0	0.0	0.00	0 0	0 GAS	0 MCF		0	0	0.00
11 DEBARY	1-10	785	0	0.0	47.26	0 0	0 GAS	0 MCF		0	0	0.00
12 HIGG NS	1-4	129	138	0.1	88.31	21 3	16,000 GAS	2,200 MCF	1.00	2,200	10,002	7.27
13 H NES CC	1-4	2,204	1,361,043	83.0	97.58	21.4	7,159 GAS	9,744,161 MCF	1.00	9,744,161	43,429,214	3.19
14 INT CITY	1-14	1,186	22,246	2.5	94.52	6 5	12,794 GAS	284,617 MCF	1.00	284,617	1,293,845	5.82
15 OSPREY CC	1	505	243,374	64.8	98.51	99 2	7,589 GAS	1,847,083 MCF	1.00	1,847,083	8,396,665	3.45
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	6,079	4.1	97.20	26 0	13,276 GAS	80,701 MCF	1.00	80,701	366,861	6.04
20 TIGER BAY CC	1	225	140,760	84.1	95.81	88 9	7,423 GAS	1,044,819 MCF	1.00	1,044,819	4,749,648	3.37
21 UNIV OF FLA. CC	1	47	33,451	95.7	97.74	97 9	9,358 GAS	313,037 MCF	1.00	313,037	1,454,340	4.35
22 AVON PARK	1-2	69	0	0.0	94.36	0 0	0 LIGHT O L	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	0	0.0	78.95	0 0	0 LIGHT O L	0 BBLS		0	0	0.00
24 BAYBORO	1-4	231	0	0.0	95.24	0 0	0 LIGHT O L	0 BBLS		0	0	0.00
25 DEBARY	1-10	785	0	0.0	47.26	0 0	0 LIGHT O L	0 BBLS		0	144	0.00
26 HIGG NS	1-4	129	0	0.0	88.31	0 0	0 LIGHT O L	0 BBLS		0	0	0.00
27 OTHER		0	0	0.0	97.58	0 0	0 LIGHT O L	0 BBLS		0	0	0.00
28 INT CITY	1-14	1,186	80	2.5	94.52	6.7	14,296 LIGHT O L	195 BBLS	5.84	1,138	33,466	42.04
29 RIO P NAR	1	16	0	0.0	0.00	0 0	0 LIGHT O L	0 BBLS		0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	97.20	0 0	0 LIGHT O L	0 BBLS		0	0	0.00
31 TURNER	1-4	199	0	0.0	0.00	0 0	0 LIGHT O L	0 BBLS		0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0 0	0 LIGHT O L	1,033 BBLS	5.83	6,018	158,454	0.00
33 SOLAR		18	3,601	26.9	0.00	0 0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			3,800,230							32,474,274	134,146,384	3.53

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Aug-18

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	0	0.0	0.00	0.0	0 COAL	0 TONS		0	29,401	0.00
2 CRYSTAL RIVER	2	500	118,267	31.8	99.03	32.1	12,362 COAL	64,126 TONS	22.80	1,462,075	6,283,495	5.31
3 CRYSTAL RIVER	4	732	463,953	85.2	93.23	91.3	10,210 COAL	202,931 TONS	23.34	4,736,888	15,292,222	3.30
4 CRYSTAL RIVER	5	712	463,838	87.6	95.48	92.0	10,169 COAL	202,063 TONS	23.34	4,716,616	15,227,608	3.28
5 ANCLOTE	1	517	159,764	41.5	88.71	46.8	10,598 GAS	1,693,244 MCF	1.00	1,693,244	7,862,521	4.92
6 ANCLOTE	2	521	180,054	46.5	97.10	47.9	10,783 GAS	1,941,602 MCF	1.00	1,941,602	8,616,785	4.79
7 AVON PARK	1-2	69	0	0.0	94.04	0.0	0 GAS	0 MCF		0	0	0.00
8 BARTOW	1-4	228	510	0.3	78.06	18.6	13,996 GAS	7,135 MCF	1.00	7,135	32,349	6.35
9 BARTOW CC	1	1279	651,597	68.5	98.06	69.9	7,706 GAS	5,021,341 MCF	1.00	5,021,341	22,765,257	3.49
10 CITRUS CC	1-2	820	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
11 DEBARY	1-10	785	0	0.0	47.13	0.0	0 GAS	0 MCF		0	0	0.00
12 HIGGINS	1-4	129	95	0.1	87.58	24.5	15,543 GAS	1,475 MCF	1.00	1,475	6,686	7.05
13 HINES CC	1-4	2,204	1,360,046	82.9	97.26	21.4	7,158 GAS	9,734,635 MCF	1.00	9,734,635	43,268,527	3.18
14 INT CITY	1-14	1,186	23,316	2.7	94.91	6.5	12,794 GAS	298,303 MCF	1.00	298,303	1,352,416	5.80
15 OSPREY CC	1	505	231,823	61.7	96.29	97.9	7,612 GAS	1,764,628 MCF	1.00	1,764,628	8,000,296	3.45
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	6,178	4.2	95.70	26.0	13,267 GAS	81,956 MCF	1.00	81,956	371,565	6.01
20 TIGER BAY CC	1	225	143,960	86.0	97.42	88.9	7,410 GAS	1,066,745 MCF	1.00	1,066,745	4,836,304	3.36
21 UNIV OF FLA. CC	1	47	33,120	94.7	96.77	97.9	9,361 GAS	310,037 MCF	1.00	310,037	1,436,620	4.34
22 AVON PARK	1-2	69	0	0.0	94.04	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	0	0.0	78.06	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
24 BAYBORO	1-4	231	0	0.0	94.11	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
25 DEBARY	1-10	785	0	0.0	47.13	0.0	0 LIGHT OIL	0 BBLS		0	144	0.00
26 HIGGINS	1-4	129	0	0.0	87.58	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
28 INT CITY	1-14	1,186	134	2.7	94.91	5.6	14,165 LIGHT OIL	325 BBLS	5.82	1,891	45,079	33.77
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	95.70	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	814 BBLS	5.82	4,738	138,745	0.00
33 SOLAR	18	3,512	26.2	0.00	0.0	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL		3,840,165								32,843,309	135,566,020	3.53

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Sep-18

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	0	0.0	0.00	0.0	0 COAL	0 TONS		0	26,699	0.00
2 CRYSTAL RIVER	2	500	102,076	28.4	99.00	28.6	12,554 COAL	56,205 TONS	22.80	1,281,476	5,508,272	5.40
3 CRYSTAL RIVER	4	732	436,835	82.9	93.33	88.8	10,232 COAL	190,848 TONS	23.42	4,469,546	14,495,243	3.32
4 CRYSTAL RIVER	5	712	418,236	81.6	92.67	89.0	10,192 COAL	182,008 TONS	23.42	4,262,513	13,832,940	3.31
5 ANCLOTE	1	517	129,984	34.9	87.00	40.2	10,755 GAS	1,397,960 MCF	1.00	1,397,960	6,514,874	5.01
6 ANCLOTE	2	521	143,946	38.4	92.67	41.4	10,970 GAS	1,579,034 MCF	1.00	1,579,034	7,057,192	4.90
7 AVON PARK	1-2	69	0	0.0	94.00	0.0	0 GAS	0 MCF		0	0	0.00
8 BARTOW	1-4	228	192	0.1	74.95	21.1	14,018 GAS	2,697 MCF	1.00	2,697	12,296	6.39
9 BARTOW CC	1	1279	587,696	63.8	95.67	66.7	7,711 GAS	4,531,861 MCF	1.00	4,531,861	20,660,684	3.52
10 CITRUS CC	1-2	820	223,073	37.8	35.50	66.5	6,638 GAS	1,480,836 MCF	1.00	1,480,836	6,751,108	3.03
11 DEBARY	1-10	785	0	0.0	46.87	0.0	0 GAS	0 MCF		0	0	0.00
12 HIGG NS	1-4	129	64	0.1	90.17	24.7	15,831 GAS	1,010 MCF	1.00	1,010	4,607	7.22
13 H NES CC	1-4	2,204	1,231,092	77.6	95.26	20.7	7,180 GAS	8,839,190 MCF	1.00	8,839,190	39,471,825	3.21
14 INT CITY	1-14	1,186	16,030	1.9	94.67	6.6	12,815 GAS	205,428 MCF	1.00	205,428	936,546	5.84
15 OSPREY CC	1	505	190,139	52.3	96.70	95.3	7,659 GAS	1,456,241 MCF	1.00	1,456,241	6,638,978	3.49
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	3,484	2.4	82.74	26.0	13,313 GAS	46,382 MCF	1.00	46,382	211,452	6.07
20 TIGER BAY CC	1	225	116,080	71.7	93.33	89.0	7,439 GAS	863,492 MCF	1.00	863,492	3,936,646	3.39
21 UNIV OF FLA. CC	1	47	32,016	94.6	96.67	97.9	9,361 GAS	299,714 MCF	1.00	299,714	1,396,362	4.36
22 AVON PARK	1-2	69	0	0.0	94.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	0	0.0	74.95	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
24 BAYBORO	1-4	231	0	0.0	94.58	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
25 DEBARY	1-10	785	0	0.0	46.87	0.0	0 LIGHT OIL	0 BBLS		0	144	0.00
26 HIGG NS	1-4	129	0	0.0	90.17	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
28 INT CITY	1-14	1,186	218	1.9	94.67	4.6	14,494 LIGHT OIL	543 BBLS	5.83	3,164	64,756	29.66
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	82.74	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	1,099 BBLS	5.82	6,398	164,757	0.00
33 SOLAR	18	3,305	25.5	0.00	0.0	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL		3,634,466								30,726,942	127,685,381	3.51

Duke Energy Florida, LLC
 System Net Generation and Fuel Cost
 Estimated for the Period of: Oct-18

(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	0.00	0.0	0 COAL	0 TONS		0	12,355	0.00
2 CRYSTAL RIVER	2	500	2,877	0.8	99.03	36.0	12,230 COAL	1,543 TONS	22.80	35,187	162,868	5.66
3 CRYSTAL RIVER	4	732	431,117	79.2	95.48	83.0	10,295 COAL	189,224 TONS	23.45	4,438,190	14,312,616	3.32
4 CRYSTAL RIVER	5	712	416,634	78.7	95.16	83.1	10,246 COAL	181,997 TONS	23.45	4,268,687	13,773,187	3.31
5 ANCLOTE	1	517	121,617	31.6	94.52	33.5	10,911 GAS	1,326,977 MCF	1.00	1,326,977	5,612,356	4.61
6 ANCLOTE	2	521	58,082	15.0	94.52	42.6	10,966 GAS	636,919 MCF	1.00	636,919	3,547,013	6.11
7 AVON PARK	1-2	69	0	0.0	94.03	0.0	0 GAS	0 MCF		0	0	0.00
8 BARTOW	1-4	228	268	0.2	63.55	19.6	13,984 GAS	3,745 MCF	1.00	3,745	17,467	6.52
9 BARTOW CC	1	1279	598,572	62.9	97.10	64.8	7,714 GAS	4,617,518 MCF	1.00	4,617,518	21,535,533	3.60
10 CITRUS CC	1-2	820	445,516	73.0	41.13	98.4	6,544 GAS	2,915,557 MCF	1.00	2,915,557	13,597,798	3.05
11 DEBARY	1-10	785	0	0.0	47.07	0.0	0 GAS	0 MCF		0	0	0.00
12 HIGG NS	1-4	129	62	0.1	89.28	15.9	19,967 GAS	1,228 MCF	1.00	1,228	5,728	9.31
13 H NES CC	1-4	2,204	896,822	54.7	73.22	20.0	7,225 GAS	6,479,214 MCF	1.00	6,479,214	29,365,394	3.27
14 INT CITY	1-14	1,186	16,466	1.9	92.60	6.5	12,828 GAS	211,219 MCF	1.00	211,219	985,098	5.98
15 OSPREY CC	1	505	164,382	43.8	97.18	93.3	7,712 GAS	1,267,643 MCF	1.00	1,267,643	5,912,131	3.60
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
19 SUWANNEE CT	1-3	200	1,915	1.3	64.41	25.9	13,315 GAS	25,501 MCF	1.00	25,501	118,935	6.21
20 TIGER BAY CC	1	225	94,960	56.7	96.13	88.9	7,455 GAS	707,910 MCF	1.00	707,910	3,301,604	3.48
21 UNIV OF FLA. CC	1	47	13,800	39.5	38.09	97.9	9,387 GAS	129,534 MCF	1.00	129,534	617,085	4.47
22 AVON PARK	1-2	69	0	0.0	94.03	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	0	0.0	63.55	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
24 BAYBORO	1-4	231	0	0.0	95.48	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
25 DEBARY	1-10	785	4	0.0	47.07	0.0	19,500 LIGHT OIL	13 BBLS	6.00	78	1,366	34.15
26 HIGG NS	1-4	129	0	0.0	89.28	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
28 INT CITY	1-14	1,186	53	1.9	92.60	4.5	14,547 LIGHT OIL	133 BBLS	5.80	771	27,891	52.62
29 RIO P NAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	64.41	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	794 BBLS	5.83	4,630	129,872	0.00
33 SOLAR	18	3,433	25.6	0.00	0.0	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL		3,266,580								27,070,508	113,036,297	3.46

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Nov-18

Docket No. 20180001-EI
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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	0	0.0	0.00	0.0	0 COAL	0 TONS		0	11,933	0.00
2 CRYSTAL RIVER	2	500	0	0.0	99.00	0.0	0 COAL	0 TONS		0	11,933	0.00
3 CRYSTAL RIVER	4	732	389,018	73.8	92.00	80.3	10,318 COAL	170,800 TONS	23.50	4,013,694	12,936,350	3.33
4 CRYSTAL RIVER	5	712	390,947	76.3	96.00	79.8	10,271 COAL	170,875 TONS	23.50	4,015,446	12,941,914	3.31
5 ANCLOTE	1	517	51,041	13.7	55.71	22.9	11,571 GAS	590,621 MCF	1.00	590,621	2,408,130	4.72
6 ANCLOTE	2	521	0	0.0	72.76	0.0	0 GAS	0 MCF		0	616,776	0.00
7 AVON PARK	1-2	69	0	0.0	93.84	0.0	0 GAS	0 MCF		0	0	0.00
8 BARTOW	1-4	228	0	0.0	79.09	0.0	0 GAS	0 MCF		0	0	0.00
9 BARTOW CC	1	1279	497,412	54.0	92.60	56.3	7,695 GAS	3,827,588 MCF	1.00	3,827,588	19,603,245	3.94
10 CITRUS CC	1-2	1640	785,566	66.5	49.67	43.0	6,541 GAS	5,138,572 MCF	1.00	5,138,572	26,317,536	3.35
11 DEBARY	1-10	785	0	0.0	47.27	0.0	0 GAS	0 MCF		0	0	0.00
12 HIGG NS	1-4	129	1	0.0	88.42	0.0	41,000 GAS	41 MCF	1.00	41	210	21.00
13 H NES CC	1-4	2,204	523,048	33.0	82.12	16.9	7,293 GAS	3,814,395 MCF	1.00	3,814,395	18,699,295	3.58
14 INT CITY	1-14	1,186	338	0.0	84.93	4.1	14,795 GAS	5,005 MCF	1.00	5,005	25,631	7.58
15 OSPREY CC	1	505	72,677	20.0	96.04	72.7	7,990 GAS	580,698 MCF	1.00	580,698	2,974,084	4.09
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	187	0.1	64.22	18.7	15,668 GAS	2,922 MCF	1.00	2,922	14,964	8.02
20 TIGER BAY CC	1	225	13,271	8.2	95.00	89.4	7,526 GAS	99,871 MCF	1.00	99,871	511,496	3.85
21 UNIV OF FLA. CC	1	47	32,237	95.3	97.33	97.8	9,359 GAS	301,713 MCF	1.00	301,713	1,575,416	4.89
22 AVON PARK	1-2	69	0	0.0	93.84	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	0	0.0	79.09	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
24 BAYBORO	1-4	231	0	0.0	94.67	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
25 DEBARY	1-10	785	0	0.0	47.27	0.0	0 LIGHT OIL	0 BBLS		0	144	0.00
26 HIGG NS	1-4	129	0	0.0	88.42	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
28 INT CITY	1-14	1,186	0	0.0	84.93	0.0	0 LIGHT OIL	0 BBLS		0	16,002	0.00
29 RIO P NAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	64.22	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	784 BBLS	5.82	4,565	128,389	0.00
33 SOLAR		18	2,995	23.1	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			2,758,738							22,395,131	98,793,448	3.58

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Dec-18

Docket No. 20180001-EI
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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	0	0.0	0.00	0.0	0 COAL	0 TONS		0	11,933	0.00
2 CRYSTAL RIVER	2	500	0	0.0	0.00	0.0	0 COAL	0 TONS		0	11,933	0.00
3 CRYSTAL RIVER	4	732	419,125	77.0	97.42	79.0	10,328 COAL	184,038 TONS	23.52	4,328,914	13,903,582	3.32
4 CRYSTAL RIVER	5	712	394,842	74.5	97.10	77.3	10,289 COAL	172,716 TONS	23.52	4,062,615	13,059,903	3.31
5 ANCLOTE	1	517	69,295	18.0	90.32	19.9	11,745 GAS	813,889 MCF	1.00	813,889	3,364,383	4.86
6 ANCLOTE	2	521	0	0.0	93.23	0.0	0 GAS	0 MCF		0	816,098	0.00
7 AVON PARK	1-2	69	0	0.0	91.62	0.0	0 GAS	0 MCF		0	0	0.00
8 BARTOW	1-4	228	57	0.0	78.55	25.0	13,263 GAS	756 MCF	1.00	756	3,882	6.81
9 BARTOW CC	1	1279	455,247	47.8	94.13	49.2	7,657 GAS	3,485,950 MCF	1.00	3,485,950	17,905,329	3.93
10 CITRUS CC	1-2	1640	1,134,531	93.0	90.33	53.0	6,488 GAS	7,360,697 MCF	1.00	7,360,697	37,807,684	3.33
11 DEBARY	1-10	785	0	0.0	47.00	0.0	0 GAS	0 MCF		0	0	0.00
12 HIGGINS	1-4	129	29	0.0	89.68	22.2	15,420 GAS	441 MCF	1.00	441	2,264	7.92
13 HINES CC	1-4	2,204	453,828	27.7	89.86	19.5	7,060 GAS	3,203,804 MCF	1.00	3,203,804	15,563,921	3.43
14 NT CITY	1-14	1,186	1,412	0.2	93.07	7.0	12,508 GAS	17,667 MCF	1.00	17,667	90,742	6.42
15 OSPREY CC	1	505	26,755	7.1	96.74	64.6	8,120 GAS	217,253 MCF	1.00	217,253	1,115,903	4.17
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	366	0.2	95.13	26.1	13,352 GAS	4,887 MCF	1.00	4,887	25,102	6.86
20 TIGER BAY CC	1	225	4,297	2.6	93.87	100.5	7,456 GAS	32,040 MCF	1.00	32,040	164,570	3.83
21 UNIV OF FLA. CC	1	47	34,291	98.1	98.06	99.9	9,358 GAS	320,896 MCF	1.00	320,896	1,680,347	4.90
22 AVON PARK	1-2	69	0	0.0	91.62	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	0	0.0	78.55	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
24 BAYBORO	1-4	231	0	0.0	94.44	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
25 DEBARY	1-10	785	0	0.0	47.00	0.0	0 LIGHT O L	0 BBLS		0	144	0.00
26 HIGGINS	1-4	129	0	0.0	89.68	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	0	0.0	93.07	0.0	0 LIGHT O L	0 BBLS		0	16,002	0.00
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	95.13	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT O L	499 BBLS	5.82	2,905	102,565	0.00
33 SOLAR		18	2,784	20.8	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			2,996,859							23,852,714	105,646,287	3.53

Duke Energy Florida, LLC
 Inventory Analysis

Estimated for the Period of : January 2018 through December 2018

		Act	Act	Act	Act	Act	Act	
		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Subtotal
HEAVY OIL								
1	PURCHASES:							
2	UNITS	BBL	0	0	0	0	0	0
3	UNIT COST	\$/BBL	0.00	0.00	0.00	0.00	0.00	0.00
4	AMOUNT	\$	0	0	0	0	0	0
5	BURNED:							
6	UNITS	BBL	0	0	0	0	0	0
7	UNIT COST	\$/BBL	0.00	0.00	0.00	0.00	0.00	0.00
8	AMOUNT	\$	0	0	0	0	0	0
9	ENDING INVENTORY:							
10	UNITS	BBL	0	0	0	0	0	0
11	UNIT COST	\$/BBL	0.00	0.00	0.00	0.00	0.00	0.00
12	AMOUNT	\$	0	0	0	0	0	0
LIGHT OIL								
13	PURCHASES:							
14	UNITS	BBL	17,665	6,505	(1,533)	5,330	3,071	20,778
15	UNIT COST	\$/BBL	102.42	97.31	1.39	128.27	108.76	101.26
16	AMOUNT	\$	1,809,273	633,004	(2,132)	683,679	334,010	2,103,971
17	BURNED:							
18	UNITS	BBL	52,970	5,050	4,695	13,262	16,348	36,827
19	UNIT COST	\$/BBL	110.95	130.74	123.82	121.83	120.20	114.89
20	AMOUNT	\$	5,877,262	660,215	581,356	1,615,703	1,964,956	4,230,907
21	ADJUSTMENTS:							
22	UNITS	BBL	0	0	(67,218)	0	760	0
23	AMOUNT	\$	0	0	(8,946,080)	0	99,086	0
24	ENDING INVENTORY:							
25	UNITS	BBL	822,747	824,201	750,757	742,825	730,307	714,259
26	UNIT COST	\$/BBL	111.59	111.36	99.58	110.95	109.39	108.87
27	AMOUNT	\$	91,809,295	91,782,084	74,761,771	82,416,794	79,887,719	77,760,783
COAL								
28	PURCHASES:							
29	UNITS	TON	312,955	260,737	326,553	258,389	298,310	346,859
30	UNIT COST	\$/TON	71.85	69.67	75.28	76.20	88.01	75.91
31	AMOUNT	\$	22,485,890	18,166,504	24,582,079	19,690,475	26,255,218	26,331,318
32	BURNED:							
33	UNITS	TON	391,604	333,294	219,054	222,540	277,337	363,245
34	UNIT COST	\$/TON	69.46	72.00	73.91	74.61	75.67	77.19
35	AMOUNT	\$	27,202,403	23,998,776	16,191,070	16,603,005	20,985,520	28,039,467
36	ENDING INVENTORY:							
37	UNITS	TON	838,772	766,215	873,715	909,563	930,535	914,150
38	UNIT COST	\$/TON	76.62	76.26	76.48	76.86	80.79	80.37
39	AMOUNT	\$	64,262,638	58,430,367	66,821,375	69,908,844	75,178,543	73,470,393
GAS								
40	BURNED:							
41	UNITS	MCF	17,966,562	13,032,743	15,516,363	15,727,264	18,727,933	20,999,792
42	UNIT COST	\$/MCF	4.44	4.51	4.39	4.51	4.72	4.44
43	AMOUNT	\$	79,834,001	58,742,181	68,040,481	71,002,110	88,343,868	93,259,217
NUCLEAR								
44	BURNED:							
45	UNITS	MMBTU	0	0	0	0	0	0
46	UNIT COST	\$/MMBTU	0.00	0.00	0.00	0.00	0.00	0.00
47	AMOUNT	\$	0	0	0	0	0	0

Duke Energy Florida, LLC
 Inventory Analysis

Estimated for the Period of : January 2018 through December 2018

		Est	Est	Est	Est	Est	Est	
		Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	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	1,228	1,139	1,642	940	784	499	58,048
15	UNIT COST \$/BBL	156.40	161.52	139.86	169.29	184.36	237.90	113.52
16	AMOUNT \$	192,064	183,968	229,657	159,129	144,535	118,711	6,589,869
17	BURNED:							
18	UNITS BBL	1,228	1,139	1,642	940	784	499	135,384
19	UNIT COST \$/BBL	156.40	161.52	139.86	169.29	184.36	237.90	117.88
20	AMOUNT \$	192,064	183,968	229,657	159,129	144,535	118,711	15,958,462
21	ENDING INVENTORY:							
22	UNITS BBL	714,259	714,259	714,259	714,259	714,259	714,259	
23	UNIT COST \$/BBL	108.87	108.87	108.87	108.87	108.87	108.87	
24	AMOUNT \$	77,760,783	77,760,783	77,760,783	77,760,783	77,760,783	77,760,783	
COAL								
25	PURCHASES:							
26	UNITS TON	463,264	469,120	429,061	372,764	341,675	356,754	4,236,441
27	UNIT COST \$/TON	77.77	78.51	78.92	75.81	75.81	75.65	76.81
28	AMOUNT \$	36,026,902	36,832,726	33,863,154	28,261,026	25,902,130	26,987,351	325,384,772
29	BURNED:							
30	UNITS TON	463,264	469,120	429,061	372,764	341,675	356,754	4,239,712
31	UNIT COST \$/TON	77.77	78.51	78.92	75.81	75.81	75.65	75.69
32	AMOUNT \$	36,026,902	36,832,726	33,863,154	28,261,026	25,902,130	26,987,351	320,893,530
33	ENDING INVENTORY:							
34	UNITS TON	914,150	914,150	914,150	914,150	914,150	914,150	
35	UNIT COST \$/TON	77.77	78.51	78.92	75.81	75.81	75.65	
36	AMOUNT \$	71,091,160	71,774,030	72,148,283	69,306,099	69,301,072	69,152,614	
GAS								
37	BURNED:							
38	UNITS MCF	21,725,689	21,921,101	20,703,845	18,322,965	14,361,426	15,458,280	214,463,963
39	UNIT COST \$/MCF	4.51	4.50	4.52	4.62	5.07	5.08	4.59
40	AMOUNT \$	97,927,418	98,549,326	93,592,570	84,616,142	72,746,783	78,540,225	985,194,322
NUCLEAR								
41	BURNED:							
42	UNITS MMBTU	0	0	0	0	0	0	0
43	UNIT COST \$/MMBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	AMOUNT \$	0	0	0	0	0	0	0

Duke Energy Florida, LLC
Fuel Cost of Power Sold
Estimated for the Period of : January 2018 through December 2018

(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-18	ECONSALE	--	28,034		28,034	5.082	11.077	1,424,777	3,105,447	1,680,670
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	--	208,173		208,173	3.123	3.123	6,500,269	6,500,269	0
	TOTAL		236,207		236,207	3.355	4.067	7,925,046	9,605,716	1,680,670
Feb-18	ECONSALE	--	549		549	3.866	5.361	21,226	29,431	8,205
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	--	145,457		145,457	2.384	2.384	3,468,224	3,468,224	0
	TOTAL		146,006		146,006	2.390	2.396	3,489,450	3,497,655	8,205
Mar-18	ECONSALE	--	1,346		1,346	2.966	6.198	39,917	83,429	43,512
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	--	144,249		144,249	1.733	1.733	2,500,106	2,500,106	0
	TOTAL		145,595		145,595	1.745	1.774	2,540,023	2,583,535	43,512
Apr-18	ECONSALE	--	780		780	3.263	4.166	25,451	32,497	7,046
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	--	122,025		122,025	1.658	1.658	2,022,621	2,022,621	0
	TOTAL		122,805		122,805	1.668	1.673	2,048,071	2,055,117	7,046
May-18	ECONSALE	--	3,029		3,029	2.107	3.109	63,832	94,160	30,328
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	--	171,942		171,942	1.638	1.638	2,816,382	2,816,382	0
	TOTAL		174,971		174,971	1.646	1.663	2,880,215	2,910,542	30,328
Jun-18	ECONSALE	--	50		50	3.161	6.490	1,581	3,245	1,665
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	--	221,894		221,894	2.542	2.542	5,640,562	5,640,562	0
	TOTAL		221,944		221,944	2.542	2.543	5,642,142	5,643,807	1,665
Jan-18	ECONSALE	--	33,788		33,788	4.667	9.909	1,576,784	3,348,209	1,771,425
THRU	ECONOMY	C	0		0	0.000	0.000	0	0	0
Jun-18	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	1,013,740		1,013,740	2.264	2.264	22,948,163	22,948,163	0
	TOTAL		1,047,528		1,047,528	2.341	2.510	24,524,948	26,296,373	1,771,425

Duke Energy Florida, LLC
 Fuel Cost of Power Sold
 Estimated for the Period of : January 2018 through December 2018

(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-18	ECONSALE	--	3,496		3,496	3.638	4.651	127,214	162,601	35,387
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	--	144,332		144,332	1.781	1.781	2,570,679	2,570,679	0
	TOTAL		147,828		147,828	1.825	1.849	2,697,893	2,733,280	35,387
Aug-18	ECONSALE	--	7,598		7,598	4.965	6.345	377,184	482,101	104,917
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	(18,888)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	144,172		144,172	1.789	1.789	2,579,545	2,579,545	0
	TOTAL		151,770		151,770	1.948	2.017	2,956,729	3,061,646	86,029
Sep-18	ECONSALE	--	3,467		3,467	4.070	5.203	141,130	180,387	39,257
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	(7,851)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	129,032		129,032	1.718	1.718	2,217,056	2,217,056	0
	TOTAL		132,499		132,499	1.780	1.809	2,358,186	2,397,443	31,406
Oct-18	ECONSALE	--	2,666		2,666	3.251	4.156	86,676	110,786	24,110
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	(4,822)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	112,267		112,267	1.563	1.563	1,754,692	1,754,692	0
	TOTAL		114,933		114,933	1.602	1.623	1,841,368	1,865,478	19,288
Nov-18	ECONSALE	--	9,720		9,720	3.566	4.558	346,606	443,018	96,412
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	(19,282)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	78,454		78,454	1.296	1.296	1,017,065	1,017,065	0
	TOTAL		88,174		88,174	1.547	1.656	1,363,671	1,460,083	77,130
Dec-18	ECONSALE	--	12,587		12,587	3.079	3.935	387,492	495,277	107,785
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	(21,557)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	95,861		95,861	1.486	1.486	1,424,393	1,424,393	0
	TOTAL		108,448		108,448	1.671	1.770	1,811,885	1,919,670	86,228
Jan-18	ECONSALE	--	73,322		73,322	4.150	7.123	3,043,086	5,222,379	2,179,293
THRU	ECONOMY	C	0		0	0.000	0.000	0	0	0
Dec-18	EXCESS GAIN	--	0		0	0.000	0.000	0	0	(72,401)
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	1,717,858		1,717,858	2.009	2.009	34,511,593	34,511,593	0
	TOTAL		1,791,180		1,791,180	2.097	2.218	37,554,679	39,733,972	2,106,892

Duke Energy Florida, LLC
 Purchased Power
 (Exclusive of Economy & QF Purchases)
 Estimated for the Period of : January 2018 through December 2018

(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-18	OTHER	--	0			0	0.000	0.000	0
Act	SHADY HILLS	--	22,502			22,502	8.915	8.915	2,006,131
	SOCO Franklin	--	75,490			75,490	4.549	4.549	3,434,090
	Vandolah (NSG)	--	54,556			54,556	4.881	4.881	2,662,618
	TOTAL		152,548	0	0	152,548	5.312	5.312	8,102,839
Feb-18	OTHER	--	0			0	0.000	0.000	0
Act	SHADY HILLS	--	18,748			18,748	6.004	6.004	1,125,687
	SOCO Franklin	--	76,436			76,436	3.582	3.582	2,737,941
	Vandolah (NSG)	--	26,351			26,351	16.007	16.007	4,218,100
	TOTAL		121,535	0	0	121,535	6.650	6.650	8,081,727
Mar-18	OTHER	--	0			0	0.000	0.000	0
Act	SHADY HILLS	--	24,646			24,646	5.350	5.350	1,318,504
	SOCO Franklin	--	160,884			160,884	3.051	3.051	4,909,060
	Vandolah (NSG)	--	47,957			47,957	5.461	5.461	2,619,166
	TOTAL		233,487	0	0	233,487	3.789	3.789	8,846,730
Apr-18	OTHER	--	0			0	0.000	0.000	(448)
Act	SHADY HILLS	--	47,528			47,528	6.196	6.196	2,945,029
	SOCO Franklin	--	140,597			140,597	3.313	3.313	4,658,590
	Vandolah (NSG)	--	144,838			144,838	5.103	5.103	7,391,379
	TOTAL		332,963	0	0	332,963	4.503	4.503	14,994,550
May-18	OTHER	--	0			0	0.000	0.000	0
Act	SHADY HILLS	--	66,258			66,258	5.687	5.687	3,767,932
	SOCO Franklin	--	127,385			127,385	3.368	3.368	4,290,571
	Vandolah (NSG)	--	66,623			66,623	5.953	5.953	3,965,965
	TOTAL		260,266	0	0	260,266	4.620	4.620	12,024,468
Jun-18	OTHER	--	0			0	0.000	0.000	0
Act	SHADY HILLS	--	100,119			100,119	5.495	5.495	5,501,475
	SOCO Franklin	--	195,220			195,220	2.880	2.880	5,623,001
	Vandolah (NSG)	--	114,755			114,755	5.284	5.284	6,063,205
	TOTAL		410,094	0	0	410,094	4.191	4.191	17,187,681
Jan-18	OTHER	--	0			0	0.000	0.000	(448)
THRU	SHADY HILLS	--	279,801			279,801	5.956	5.956	16,664,758
Jun-18	SOCO Franklin	--	776,012			776,012	3.306	3.306	25,653,252
	Vandolah (NSG)	--	455,080			455,080	5.916	5.916	26,920,432
	TOTAL		1,510,893	0	0	1,510,893	4.583	4.583	69,237,994

Duke Energy Florida, LLC
 Purchased Power
 (Exclusive of Economy & QF Purchases)
 Estimated for the Period of : January 2018 through December 2018

(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-18	OTHER	--	0			0	0.000	0.000	0
Est	SHADY HILLS	--	23,447			23,447	5.112	5.112	1,198,511
	SOCO Franklin	--	167,824			167,824	3.008	3.008	5,047,463
	Vandolah (NSG)	--	93,629			93,629	5.562	5.562	5,208,058
	TOTAL		284,901	0	0	284,901	4.020	4.020	11,454,032
Aug-18	OTHER	--	0			0	0.000	0.000	0
Est	SHADY HILLS	--	17,059			17,059	5.269	5.269	898,773
	SOCO Franklin	--	167,621			167,621	2.999	2.999	5,027,045
	Vandolah (NSG)	--	91,806			91,806	5.599	5.599	5,140,630
	TOTAL		276,486	0	0	276,486	4.003	4.003	11,066,448
Sep-18	OTHER	--	0			0	0.000	0.000	0
Est	SHADY HILLS	--	11,151			11,151	5.171	5.171	576,609
	SOCO Franklin	--	136,215			136,215	3.026	3.026	4,121,495
	Vandolah (NSG)	--	52,555			52,555	5.653	5.653	2,971,101
	TOTAL		199,921	0	0	199,921	3.836	3.836	7,669,205
Oct-18	OTHER	--	0			0	0.000	0.000	0
Est	SHADY HILLS	--	10,857			10,857	5.242	5.242	569,112
	SOCO Franklin	--	71,919			71,919	3.068	3.068	2,206,441
	Vandolah (NSG)	--	31,299			31,299	5.901	5.901	1,846,835
	TOTAL		114,075	0	0	114,075	4.052	4.052	4,622,388
Nov-18	OTHER	--	0			0	0.000	0.000	0
Est	SHADY HILLS	--	165			165	6.985	6.985	11,525
	SOCO Franklin	--	12,407			12,407	3.204	3.204	397,477
	Vandolah (NSG)	--	333			333	18.988	18.988	63,288
	TOTAL		12,905	0	0	12,905	3.660	3.660	472,290
Dec-18	OTHER	--	0			0	0.000	0.000	0
Est	SHADY HILLS	--	0			0	0.000	0.000	834
	SOCO Franklin	--	6,163			6,163	3.520	3.520	216,925
	Vandolah (NSG)	--	135			135	38.038	38.038	51,428
	TOTAL		6,298	0	0	6,298	4.274	4.274	269,187
Jan-18	OTHER	--	0			0	0.000	0.000	(448)
THRU	SHADY HILLS	--	342,481			342,481	5.816	5.816	19,920,122
Dec-18	SOCO Franklin	--	1,338,160			1,338,160	3.189	3.189	42,670,098
	Vandolah (NSG)	--	724,838			724,838	5.822	5.822	42,201,772
TOTAL			2,405,479	0	0	2,405,479	4.356	4.356	104,791,544

Duke Energy Florida, LLC
 Energy Payments to Qualifying Facilities
 Estimated for the Period of : January 2018 through December 2018

(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-18 Act	QUAL. FACILITIES	COGEN	286,687			286,687	4.297	12.620	12,317,998
Feb-18 Act	QUAL. FACILITIES	COGEN	266,168			266,168	4.948	14.856	13,169,787
Mar-18 Act	QUAL. FACILITIES	COGEN	285,455			285,455	4.036	12.854	11,522,091
Apr-18 Act	QUAL. FACILITIES	COGEN	259,993			259,993	4.665	14.370	12,129,406
May-18 Act	QUAL. FACILITIES	COGEN	280,802			280,802	4.850	13.835	13,617,807
Jun-18 Act	QUAL. FACILITIES	COGEN	273,997			273,997	4.449	13.658	12,190,979
Jul-18 Est	QUAL. FACILITIES	COGEN	301,215			301,215	4.694	13.070	14,137,764
Aug-18 Est	QUAL. FACILITIES	COGEN	268,409			268,409	4.342	13.742	11,653,872
Sep-18 Est	QUAL. FACILITIES	COGEN	254,803			254,803	4.279	14.182	10,903,647
Oct-18 Est	QUAL. FACILITIES	COGEN	170,616			170,616	4.215	19.004	7,192,194
Nov-18 Est	QUAL. FACILITIES	COGEN	257,473			257,473	4.163	13.963	10,719,470
Dec-18 Est	QUAL. FACILITIES	COGEN	271,206			271,206	4.120	13.424	11,174,285
TOTAL	QUAL. FACILITIES	COGEN	3,176,824			3,176,824	4.430	13.952	140,729,302

Duke Energy Florida, LLC
 Economy Energy Purchases
 Estimated for the Period of : January 2018 through December 2018

(1) MONTH	(2) PURCHASE	(3) TYPE & SCHED	(4) TOTAL MWH PURCHASED	(5) TRANSACTION COST		(6) TOTAL \$ FOR FUEL ADJ (4) x (5)	(7) COST IF GENERATED		(8) FUEL SAVINGS (8)(B) - (7)
				ENERGY COST C/KWH	TOTAL COST C/KWH		(A) C/KWH	(B) \$	
Jan-18	ECONPURCH	--	22,177	9.689	9.689	2,148,631	14.031	3,111,700	963,069
Act	SEPA	--	1,342	3.961	3.961	53,151	3.961	53,151	-
TOTAL			23,519	9.362	9.362	2,201,782	13.457	3,164,851	963,069
Feb-18	ECONPURCH	--	9,310	2.905	2.905	270,421	3.737	347,893	77,472
Act	SEPA	--	1,957	3.762	3.762	73,632	3.762	73,632	-
TOTAL			11,267	3.054	3.054	344,053	3.741	421,525	77,472
Mar-18	ECONPURCH	--	23,211	3.115	3.115	722,924	3.576	830,027	107,103
Act	SEPA	--	3,739	3.499	3.499	130,834	3.499	130,834	0
TOTAL			26,950	3.168	3.168	853,758	3.565	960,861	107,103
Apr-18	ECONPURCH	--	23,451	3.570	3.570	837,171	4.941	1,158,757	321,586
Act	SEPA	--	13,503	3.697	3.697	499,218	3.697	499,218	-
TOTAL			36,954	3.616	3.616	1,336,389	4.487	1,657,975	321,586
May-18	ECONPURCH	--	35,530	3.463	3.463	1,230,531	6.626	2,354,246	1,123,716
Act	SEPA	--	2,687	3.775	3.775	101,445	3.775	101,445	-
TOTAL			38,217	3.485	3.485	1,331,976	6.426	2,455,691	1,123,716
Jun-18	ECONPURCH	--	10,843	5.037	5.037	546,151	0.000	420,241	(125,911)
Act	SEPA	--	1,132	3.707	3.707	41,969	3.707	41,969	-
TOTAL			11,975	4.911	4.911	588,120	3.860	462,209	(125,911)
Jan-18	ECONPURCH	--	124,522	4.622	4.622	5,755,829	6.604	8,222,864	2,467,035
THRU	SEPA	--	24,360	3.696	3.696	900,248	3.696	900,249	0
Jun-18									
TOTAL			148,882	4.471	4.471	6,656,077	6.128	9,123,113	2,467,036

Duke Energy Florida, LLC
 Economy Energy Purchases
 Estimated for the Period of : January 2018 through December 2018

(1) MONTH	(2) PURCHASE	(3) TYPE & SCHED	(4) TOTAL MWH PURCHASED	(5) TRANSACTION COST		(6) TOTAL \$ FOR FUEL ADJ (4) x (5)	(8) COST IF GENERATED		(9) FUEL SAVINGS (8)(B) - (7)
				ENERGY COST C/KWH	TOTAL COST C/KWH		(A) C/KWH	(B) \$	
Jul-18	ECONPURCH	--	6,294	5.003	5.003	314,846	5.612	353,175	38,329
Est	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			6,294	5.003	5.003	314,846	5.612	353,175	38,329
Aug-18	ECONPURCH	--	11,410	4.992	4.992	569,569	5.562	634,636	65,067
Est	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			11,410	4.992	4.992	569,569	5.562	634,636	65,067
Sep-18	ECONPURCH	--	7,642	4.483	4.483	342,596	5.647	431,528	88,932
Est	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			7,642	4.483	4.483	342,596	5.647	431,528	88,932
Oct-18	ECONPURCH	--	5,340	3.837	3.837	204,877	5.029	268,515	63,638
Est	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			5,340	3.837	3.837	204,877	5.029	268,515	63,638
Nov-18	ECONPURCH	--	1,658	3.670	3.670	60,855	4.304	71,372	10,517
Est	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			1,658	3.670	3.670	60,855	4.304	71,372	10,517
Dec-18	ECONPURCH	--	3,007	4.019	4.019	120,872	4.117	123,803	2,931
Est	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			3,007	4.019	4.019	120,872	4.117	123,803	2,931
Jan-18	ECONPURCH	--	159,873	4.610	4.610	7,369,444	6.321	10,105,893	2,736,449
THRU	SEPA	--	24,360	3.696	3.696	900,248	3.696	900,249	0
Dec-18									
TOTAL			184,233	4.489	4.489	8,269,692	5.974	11,006,142	2,736,450

Duke Energy Florida, LLC
 Capital Structure and Cost Rates Applied to Capital Projects
 Estimated for the Period of : January 2018 through June 2018

	Adjusted Retail				PreTax Weighted
	\$000's	Ratio	Cost Rate	Weighted Cost	Cost Rate
Common Equity	\$ 4,711,485	44.73%	10.50%	4.70%	6.29%
Preferred Stock	-	0.00%	0.00%	0.00%	0.00%
Long Term Debt	3,931,532	37.33%	5.29%	1.97%	1.97%
Short Term Debt	102,875	0.98%	0.21%	0.00%	0.00%
Customer Deposits - Active	191,025	1.81%	2.26%	0.04%	0.04%
Customer Deposits - Inactive	1,455	0.01%	0.00%	0.00%	0.00%
Deferred Tax	1,772,933	16.83%	0.00%	0.00%	0.00%
Deferred Tax (FAS 109)	(180,391)	-1.71%	0.00%	0.00%	0.00%
ITC	1,968	0.02%	0.00%	0.00%	0.00%
	<u>\$ 10,532,883</u>	<u>92.88%</u>		<u>6.71%</u>	<u>8.31%</u>
			Total Debt	2.02%	2.02%
			Total Equity	4.70%	6.29%

Above is the May 2017 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.

The May 2017 Pre-Tax Weighted Cost Rate for Common Equity above reflects the impact of the reduction in the federal corporate income tax rate as a result of the 2018 Tax Cuts and Jobs Act.

Duke Energy Florida, LLC
 Capital Structure and Cost Rates Applied to Capital Projects
 Estimated for the Period of : July 2018 through December 2018

	Adjusted Retail				PreTax Weighted Cost
	\$000's	Ratio	Cost Rate	Weighted Cost	Rate
Common Equity	\$ 5,022,459	44.29%	10.50%	4.65%	6.23%
Preferred Stock	-	0.00%	0.00%	0.00%	0.00%
Long Term Debt	4,497,052	39.66%	4.90%	1.94%	1.94%
Short Term Debt	(193,058)	-1.70%	0.88%	-0.01%	-0.01%
Customer Deposits - Active	179,649	1.58%	2.35%	0.04%	0.04%
Customer Deposits - Inactive	1,597	0.01%	0.00%	0.00%	0.00%
Deferred Tax	1,826,909	16.11%	0.00%	0.00%	0.00%
Deferred Tax (FAS 109)	-	0.00%	0.00%	0.00%	0.00%
ITC	5,239	0.05%	7.85%	0.00%	0.00%
	<u>\$ 11,339,847</u>	<u>100.00%</u>		<u>6.62%</u>	<u>8.20%</u>
			Total Debt	1.97%	1.97%
			Total Equity	4.65%	6.23%

Above is the May 2018 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.

The May 2018 DEF Surveillance Report reflects the tax reform adjustments as set forth in Paragraph 16 of DEF's 2nd Revised and Restated Settlement Agreement.

DUKE ENERGY FLORIDA, LLC
Capacity Cost Recovery
Actual / Estimated True-Up
January through December 2018

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

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

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

	EST Jan-18	EST Feb-18	EST Mar-18	EST Apr-18	EST May-18	EST Jun-18	EST Jul-18	EST Aug-18	EST Sep-18	EST Oct-18	EST Nov-18	EST Dec-18	TOTAL
1 Base Production Level Capacity Costs													
2 Orange Cogen (ORANGE CO)	5,331,275	5,331,275	5,331,275	5,331,275	5,331,275	5,331,275	5,331,275	5,331,275	5,331,275	5,331,275	5,331,275	5,331,275	63,975,304
3 Orlando Cogen Limited (ORLACOGL)	5,361,790	5,361,790	5,361,790	5,361,790	5,361,790	5,361,790	5,361,790	5,361,790	5,361,790	5,361,790	5,361,790	5,361,790	64,341,479
4 Pasco County Resource Recovery (PASCOUNT)	1,898,190	1,898,190	1,898,190	1,898,190	1,898,190	1,898,190	1,898,190	1,898,190	1,898,190	1,898,190	1,898,190	1,898,190	22,778,280
5 Pinellas County Resource Recovery (PINCOUNT)	4,518,518	4,518,518	4,518,518	4,518,518	4,518,518	4,518,518	4,518,518	4,518,518	4,518,518	4,518,518	4,518,518	4,518,518	54,222,210
6 Polk Power Partners, L.P. (MULBERRY/ROYSTER)	7,321,066	7,321,066	7,321,066	7,321,066	7,321,066	7,321,066	7,321,066	7,321,066	7,321,066	7,321,066	7,321,066	7,321,066	87,852,791
7 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	800,946	800,946	800,946	800,946	800,946	800,946	800,946	800,946	800,946	800,946	800,946	800,946	9,611,352
8 US EcoGen	-	-	-	-	-	-	-	-	-	-	-	-	-
9 Subtotal - Base Level Capacity Costs	25,231,784	25,231,785	25,231,785	25,231,785	25,231,785	25,231,785	25,231,785	25,231,785	25,231,785	25,231,785	25,231,785	25,231,785	302,781,416
10 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%	
11 Base Level Jurisdictional Capacity Costs	23,436,543	23,436,542	23,436,542	23,436,542	23,436,542	23,436,543	23,436,543	23,436,543	23,436,543	23,436,543	23,436,543	23,436,543	281,238,513
12 Intermediate Production Level Capacity Costs													
13 Southern Franklin	5,336,180	5,336,180	2,087,647	2,087,647	2,387,931	6,832,265	10,376,483	10,376,483	5,392,427	2,097,412	2,097,412	3,177,291	57,585,355
14 Schedule H Capacity Sales - NSB & RCID	-	-	-	-	-	-	-	-	-	-	-	-	-
15 Subtotal - Intermediate Level Capacity Costs	5,336,180	5,336,180	2,087,647	2,087,647	2,387,931	6,832,265	10,376,483	10,376,483	5,392,427	2,097,412	2,097,412	3,177,291	57,585,355
16 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%	
17 Intermediate Level Jurisdictional Capacity Costs	3,879,563	3,879,563	1,517,782	1,517,782	1,736,099	4,967,262	7,544,014	7,544,014	3,920,456	1,524,881	1,524,881	2,309,986	41,866,282
18 Peaking Production Level Capacity Costs													
19 Shady Hills	1,955,104	1,955,104	1,396,503	1,354,816	1,896,743	3,856,015	3,856,015	3,856,015	1,799,474	1,354,816	1,354,816	1,955,104	26,590,525
20 Vandolah (NSG)	2,772,661	2,788,227	1,998,461	1,976,224	2,694,834	5,556,300	5,539,623	5,495,150	2,629,977	1,937,310	1,981,783	2,788,227	38,158,778
21 Other	-	-	-	-	-	-	-	-	-	-	-	-	-
22 Subtotal - Peaking Level Capacity Costs	4,727,765	4,743,331	3,394,963	3,331,040	4,591,576	9,412,315	9,395,638	9,351,165	4,429,451	3,292,126	3,336,599	4,743,331	64,749,302
23 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%	
24 Peaking Level Jurisdictional Capacity Costs	4,535,062	4,549,993	3,256,585	3,195,267	4,404,424	9,028,669	9,012,672	8,970,012	4,248,907	3,157,939	3,200,600	4,549,993	62,110,121
25 Other Capacity Costs													
26 Retail Wheeling													
27 RRSSA Second Amendment ¹													
28 Total Other Capacity Costs													
29 Total Capacity Costs (line 11+17+24+28)	33,503,029	33,508,605	29,836,423	29,786,116	31,206,401	39,054,470	41,614,985	41,579,074	33,217,209	29,728,343	29,779,024	31,907,807	404,721,487
30 Actual/Estimated True-Up Provision - Jan - Dec 2017													5,121,339
31 Total Capacity Costs w/ True-Up													409,842,826
32 Revenue Tax Multiplier													1.00072
33 Total Recoverable Capacity Costs													410,137,911
34 Nuclear Cost Recovery Clause													49,612,736
35 Revenue Tax Multiplier													1.00072
36 Total Recoverable Nuclear Costs													49,648,457
37 ISFSI Revenue Requirement ²													9,308,657
38 Revenue Tax Multiplier													1.00072
39 Total Recoverable ISFSI Costs													9,315,359
40 Total Recov Capacity & Nuclear Costs (line 33+36+39)													469,101,728

¹ Approved in Commission Order No. PSC-2016-0138-FOF-EI

² Approved in Commission Order No. PSC-2016-0425-PAA-EI

	ACT Jan-18	ACT Feb-18	ACT Mar-18	ACT Apr-18	ACT May-18	ACT Jun-18	EST Jul-18	EST Aug-18	EST Sep-18	EST Oct-18	EST Nov-18	EST Dec-18	TOTAL
1 Base Production Level Capacity Costs													
2 Orange Cogen (ORANGE CO)	5,071,564	5,590,987	5,331,276	5,331,276	5,331,276	5,331,276	5,331,275	5,331,275	5,331,275	5,331,275	5,331,275	5,331,275	63,975,305
3 Orlando Cogen Limited (ORLACOGL)	5,025,789	5,514,457	5,302,972	5,361,969	5,361,790	5,361,790	5,361,790	5,361,790	5,361,790	5,361,790	5,361,790	5,361,790	64,099,507
4 Pasco County Resource Recovery (PASCOUNT)	1,784,800	2,011,580	1,898,190	1,898,190	1,898,190	1,898,190	1,898,190	1,898,190	1,898,190	1,898,190	1,898,190	1,898,190	22,778,280
5 Pinellas County Resource Recovery (PINCOUNT)	4,248,600	4,788,435	4,518,518	4,518,518	4,518,518	4,518,518	4,518,518	4,518,518	4,518,518	4,518,518	4,518,518	4,518,518	54,222,210
6 Polk Power Partners, L.P. (MULBERRY/ROYSSTER)	6,965,675	7,676,459	7,321,066	7,321,066	7,321,066	7,321,066	7,321,066	7,321,066	7,321,066	7,321,066	7,321,066	7,321,066	87,852,794
7 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	765,872	790,760	798,927	800,946	800,946	800,946	800,946	800,946	800,946	800,946	800,946	800,946	9,564,071
8 US EcoGen	(93,000)	(93,000)	(84,000)	(93,000)	(90,000)	(93,000)	-	-	-	-	-	-	(546,000)
9 Subtotal - Base Level Capacity Costs	23,769,300	26,279,678	25,086,949	25,138,964	25,141,785	25,138,785	25,231,784	25,231,784	25,231,784	25,231,784	25,231,784	25,231,784	301,946,167
10 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%	
11 Base Level Jurisdictional Capacity Costs	22,078,114	24,409,879	23,302,013	23,350,326	23,352,947	23,350,161	23,436,543	23,436,543	23,436,543	23,436,543	23,436,543	23,436,543	280,462,697
12 Intermediate Production Level Capacity Costs													
13 Southern Franklin	4,609,957	4,467,756	2,685,103	2,663,030	2,934,373	4,811,161	6,293,135	6,293,135	4,631,783	2,693,539	2,693,539	3,524,215	48,300,723
14 Schedule H Capacity Sales - NSB & RCID	(208,753)	(31,799)	379,669	270	(27,441)	-	-	-	-	-	-	-	111,946
15 Subtotal - Intermediate Level Capacity Costs	4,401,204	4,435,957	3,064,772	2,663,300	2,906,932	4,811,161	6,293,135	6,293,135	4,631,783	2,693,539	2,693,539	3,524,215	48,412,669
16 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%	
17 Intermediate Level Jurisdictional Capacity Costs	3,199,808	3,225,074	2,228,181	1,936,299	2,113,427	3,497,858	4,575,298	4,575,298	3,367,445	1,958,283	1,958,283	2,562,210	35,197,463
18 Peaking Production Level Capacity Costs													
19 Shady Hills	1,984,500	1,984,500	1,417,500	1,371,600	1,920,240	3,904,200	3,911,684	3,911,684	1,825,453	1,374,376	1,374,376	1,983,330	26,963,442
20 Vandolah (NSG)	2,926,756	2,888,311	1,965,274	1,943,845	2,795,467	5,725,022	5,539,623	5,495,150	2,629,977	1,937,310	1,981,783	2,788,227	38,616,745
21 Other	-	-	-	-	-	-	-	-	-	-	-	-	-
22 Subtotal - Peaking Level Capacity Costs	4,911,256	4,872,811	3,382,774	3,315,445	4,715,707	9,629,222	9,451,307	9,406,834	4,455,430	3,311,686	3,356,159	4,771,557	65,580,188
23 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%	
24 Peaking Level Jurisdictional Capacity Costs	4,711,073	4,674,196	3,244,893	3,180,307	4,523,495	9,236,735	9,066,072	9,023,412	4,273,827	3,176,702	3,219,362	4,577,068	62,907,139
25 Other Capacity Costs													
26 Retail Wheeling													
27 RRSSA Second Amendment ¹													
28 Total Other Capacity Costs													
29 Total Capacity Costs (Line 11+17+24+28)	31,537,913	33,933,287	30,392,188	30,081,704	31,569,791	37,695,859	38,691,081	38,651,525	32,683,005	30,171,375	30,222,229	32,184,839	397,814,797
30 Nuclear Cost Recovery Clause													
31 CR3 Uprate Costs	4,290,186	4,261,861	4,233,534	4,205,208	4,176,884	4,148,557	4,120,232	4,091,907	4,063,580	4,035,255	4,006,929	3,978,603	49,612,736
32 Total Recoverable Nuclear Costs	4,290,186	4,261,861	4,233,534	4,205,208	4,176,884	4,148,557	4,120,232	4,091,907	4,063,580	4,035,255	4,006,929	3,978,603	49,612,736
33 ISFSI Revenue Requirement ²	677,047	628,287	579,175	555,717	573,770	573,765	573,765	573,765	573,765	573,765	573,765	573,765	7,030,351
34 Total Recov Capacity & Nuclear Costs (Line 29+32+33)	36,505,147	38,823,435	35,204,897	34,842,630	36,320,446	42,418,181	43,385,077	43,317,197	37,320,350	34,780,394	34,802,924	36,737,207	454,457,884
35 Capacity Revenues													
36 Capacity Cost Recovery Revenues (net of tax)	35,082,201	37,272,890	35,441,587	33,706,211	34,969,792	41,859,835	46,576,445	48,650,437	47,554,221	43,166,059	36,691,945	34,902,418	475,874,041
37 Prior Period True-Up Provision Over/(Under) Recovery	(426,778)	(426,778)	(426,778)	(426,778)	(426,778)	(426,778)	(426,778)	(426,778)	(426,778)	(426,778)	(426,778)	(426,778)	(5,121,339)
38 Current Period Revenues (net of tax)	34,655,423	36,846,111	35,014,809	33,279,433	34,543,014	41,433,057	46,149,667	48,223,659	47,127,442	42,739,281	36,265,167	34,475,639	470,752,702
39 True-Up Provision													
40 True-Up Provision - Over/(Under) Recov (Line 38-34)	(1,849,724)	(1,977,324)	(190,089)	(1,563,197)	(1,777,432)	(985,123)	2,764,590	4,906,462	9,807,092	7,958,887	1,462,243	(2,261,567)	16,294,818
41 Interest Provision for the Month	(6,952)	(8,935)	(11,087)	(12,566)	(14,513)	(16,532)	(5,949)	(1,687)	6,498	13,212	14,734	13,278	(30,499)
42 Current Cycle Balance - Over/(Under)	(1,856,676)	(3,842,934)	(4,044,110)	(5,619,874)	(7,411,819)	(8,413,473)	(5,654,833)	(750,058)	9,063,532	17,035,631	18,512,608	16,264,319	16,264,319
43 Prior Period Balance - Over/(Under) Recovered	(4,775,185)	(4,775,185)	(4,775,185)	(4,775,185)	(4,775,185)	(4,775,185)	(4,775,185)	(4,775,185)	(4,775,185)	(4,775,185)	(4,775,185)	(4,775,185)	(4,775,185)
44 Prior Period Cumulative True-Up Collected/(Refunded)	426,778	853,557	1,280,335	1,707,113	2,133,891	2,560,670	2,987,448	3,414,226	3,841,004	4,267,783	4,694,561	5,121,339	5,121,339
45 Prior Period True-up Balance - Over/(Under)	(4,348,407)	(3,921,628)	(3,494,850)	(3,068,072)	(2,641,294)	(2,214,515)	(1,787,737)	(1,360,959)	(934,181)	(507,402)	(80,624)	346,154	346,154
46 Net Capacity True-up Over/(Under) (Line 42+45)	(\$6,205,082)	(\$7,764,563)	(\$7,538,961)	(\$8,687,945)	(\$10,053,112)	(\$10,627,989)	(\$7,442,570)	(\$2,111,017)	\$8,129,352	\$16,528,229	\$18,431,984	\$16,610,473	\$16,610,473

¹ Approved in Commission Order No. PSC-2016-0138-FOF-EI

² Approved in Commission Order No. PSC-2016-0425-PAA-EI

Contract Data:

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

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

	Re-Projection Total	Original Projection Total	Variance Total
1 Capacity Revenues			
2 Capacity Cost Recovery Revenues (net of tax)	\$475,874,041	\$468,764,219	\$7,109,822
3 Prior Period True-Up Provision Over/(Under) Recovery	(5,121,339)	(5,121,339)	0
4 Current Period Revenues (net of tax)	<u>470,752,702</u>	<u>463,642,880</u>	<u>7,109,822</u>
5			
6 Capacity Costs			
7 Base Production Level Capacity Costs			
8 Orange Cogen (ORANGECO)	63,975,305	63,975,304	2
9 Orlando Cogen Limited (ORLACOGL)	64,099,507	64,341,479	(241,972)
10 Pasco County Resource Recovery (PASCOUNT)	22,778,280	22,778,280	0
11 Pinellas County Resource Recovery (PINCOUNT)	54,222,210	54,222,210	0
12 Polk Power Partners, L.P. (MULBERRY/ROYSTER)	87,852,794	87,852,791	3
13 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	9,564,071	9,611,352	(47,281)
14 US EcoGen	(546,000)	0	(546,000)
15 Subtotal - Base Level Capacity Costs	<u>301,946,167</u>	<u>302,781,416</u>	<u>(835,249)</u>
16 Base Production Jurisdictional Responsibility	92.885%	92.885%	0.000%
17 Base Level Jurisdictional Capacity Costs	<u>280,462,697</u>	<u>281,238,513</u>	<u>(775,817)</u>
18			
19 Intermediate Production Level Capacity Costs			
20 Southern - Franklin	48,300,723	57,585,355	(9,284,632)
21 Schedule H Capacity Sales - NSB & RCID	111,946	0	111,946
22 Subtotal - Intermediate Level Capacity Costs	<u>48,412,669</u>	<u>57,585,355</u>	<u>(9,172,686)</u>
23 Intermediate Production Jurisdictional Responsibility	72.703%	72.703%	0.000%
24 Intermediate Level Jurisdictional Capacity Costs	<u>35,197,463</u>	<u>41,866,282</u>	<u>(6,668,819)</u>
25			
26 Peaking Production Level Capacity Costs			
27 Shady Hills	26,963,442	26,590,525	372,918
28 Vandolah (NSG)	38,616,745	38,158,778	457,968
29 Subtotal - Peaking Level Capacity Costs	<u>65,580,188</u>	<u>64,749,302</u>	<u>830,886</u>
30 Peaking Production Jurisdictional Responsibility	95.924%	95.924%	0.000%
31 Peaking Level Jurisdictional Capacity Costs	<u>62,907,139</u>	<u>62,110,121</u>	<u>797,019</u>
32			
33 Other Capacity Costs			
34 Retail Wheeling			
35 RRSSA Second Amendment			
36 Other Jurisdictional Capacity Costs			
37			
38 Subtotal Jurisdictional Capacity Costs (Line 17+24+31+36)	397,814,797	385,214,916	12,599,881
39			
40 Nuclear Cost Recovery Clause Costs			
41 CR3 Uprate Costs	49,612,736	49,612,736	0
42 Total NCRC Costs - Order No. PSC-2017-0445-FOF-EI	<u>49,612,736</u>	<u>49,612,736</u>	<u>0</u>
43			
44 ISFSI Revenue Requirement	<u>7,030,351</u>	<u>9,308,657</u>	<u>(2,278,306)</u>
45			
46 Total Jurisdictional Capacity Costs (Line 38+42+44)	454,457,884	444,136,309	10,321,575
47			
48 True-Up Provision			
49 True-Up Provision - Over/(Under) Recov (Line 4-46)	16,294,818	0	16,294,818
50 Interest Provision for the Month	(30,499)	0	(30,499)
51 Current Cycle Balance - Over/(Under)	<u>16,264,319</u>	<u>0</u>	<u>16,264,319</u>
52			
53 Prior Period Balance - Over/(Under) Recovered	(4,775,185)	(5,121,339)	346,154
54 Prior Period Cumulative True-Up Collected/(Refunded)	<u>5,121,339</u>	<u>5,121,339</u>	<u>(0)</u>
55 Prior Period True-up Balance - Over/(Under)	<u>346,154</u>	<u>0</u>	<u>346,154</u>
56			
57 Net Capacity True-up Over/(Under) (Line 51+55)	<u>\$16,610,473</u>	<u>\$0</u>	<u>\$16,610,473</u>