



Matthew R. Bernier
Senior Counsel

April 13, 2017

VIA ELECTRONIC FILING

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

Re: *Fuel and Purchased Power Cost recovery clause with Generating Performance Incentive Factor; Docket No. 170001-EI*

Dear Ms. Stauffer:

Please find enclosed for electronic filing on behalf of Duke Energy Florida, LLC ("DEF"), in the above-referenced docket. The filing includes the following:

- DEF's Petition for Mid-Course Correction for Fuel Cost Recovery Clause;
- Attachment A - DEF's 2017 Midcourse Fuel Projection Schedules; and
- Attachment B – DEF's Rate Schedule BA-1, Section No. VI, Seventy Eighth Revised Sheet No. 6.105 (clean and legislative format).

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 Purchased Power Cost
Recovery Clause with Generating
Performance Incentive Factor

Docket No. 170001-EI

Filed: April 13, 2017

**PETITION OF DUKE ENERGY FLORIDA, LLC FOR MID-COURSE CORRECTION
FOR FUEL COST RECOVERY CLAUSE**

Pursuant to Rule 25-6.0424, Florida Administrative Code (F.A.C.), Duke Energy Florida, LLC (“DEF”) hereby petitions this Commission for approval of a mid-course correction to the Fuel cost recovery clause beginning with the first billing cycle in July 2017. In support of this Petition, DEF states as follows:

1. DEF is a public utility subject to the jurisdiction of the Florida Public Service Commission under Chapter 366, Florida Statutes. DEF's General Offices are located at 299 First Avenue North, St. Petersburg, FL 33701.

2. All notices, pleadings and other communications required to be served on the petitioner should be directed to:

Dianne M. Triplett
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3. DEF’s 2017 fuel factors were approved by the Commission in Order No. PSC-16-0547-FOF-EI, issued on December 5, 2016 in Docket No. 160001-EI. The factors are based on projected fuel costs for 2017 and true-up amounts for 2016.

4. Based on actual results through March of 2017 and updated projections for the remainder of 2017, DEF anticipates an end of period total net true-up under-recovery of \$182,044,578, which exceeds the 10% threshold established by Rule 25-6.0424(2), F.A.C. This \$182,044,578 under-recovery is made up of a 2016 net under-recovery of \$58,893,511 and an updated projected 2017 under-recovery of \$123,151,067. The increase in the current projected 2017 under-recovery is due primarily to both a decrease in jurisdictional fuel revenues of approximately \$67,117,484 and an increase in jurisdictional fuel costs and net purchase power transactions of approximately \$54,884,690.

5. By Order No. PSC-16-0547-FOF-EI, the Commission approved a levelized FCR Factor of 3.663 cents/kWh (adjusted for jurisdictional losses) for the 12-month period commencing January 2017. The decrease in jurisdictional revenues is due to actual and re-projected 2017 jurisdictional MWh sales that are approximately 4% lower than originally projected. Additionally, the increase in jurisdictional fuel costs is primarily due to higher gas and coal prices in the mid-course filing as compared to DEF's original Projection Filing on September 1, 2016. The original Projection Filing was based on fuel prices and forward fuel curves as of May 13, 2016. For the 2017 Midcourse Correction Filing, DEF has used fuel prices and forward fuel curves as of March 16, 2017. As a result, DEF is seeking approval of an updated 2017 FCR factor of 4.139 cents/kWh (Attachment A, Schedule E1-A, lines 6-8). DEF also seeks approval of the Proposed Midcourse adjustment of 0.477 cents/kWh (Attachment A, Schedule E1-D, line 8).

6. DEF proposes to keep the Midcourse adjustment in effect until the Citrus Unit 1 Combined Cycle ("Citrus 1") GBRA is placed in rates. Coincident with placing the Citrus 1 GBRA in rates, DEF will terminate the Midcourse adjustment and cease billing customers for this charge. Although typically a midcourse adjustment factor would be applied for the remaining billing cycles of the year in which the midcourse arises, DEF determined that spreading the adjustment over a longer period of time will have two benefits for its customers. First, spreading

the increase over a greater number of months will result in a smaller monthly increase as compared to imposing the Midcourse adjustment over the remaining billing cycles in 2017 (which would result in a Midcourse adjustment of approximately 0.880 cents/kWh instead of the DEF's Proposed Midcourse adjustment of 0.477 cents/kWh). Second, by aligning the Midcourse adjustment with the Citrus 1 GBRA, customers will have increased stability in rates, all other things being equal. This is a unique situation and therefore DEF offers the extended Midcourse adjustment period as a way to minimize the impact of this Midcourse correction to its customers.

7. In its 2018 Fuel Projection Filing, DEF expects to prepare and file 2018 FCR Factors including the Midcourse adjustment and 2018 FCR Factors excluding the Midcourse adjustment, with the latter to become effective coincident with the Citrus 1 GBRA as described above.

8. Accordingly, DEF requests that this matter be considered at the Commission's June 6, 2017, Agenda Conference, with the Midcourse adjustment factor to become effective with the July 2017 billing cycle and cease with the first billing cycle in which the Citrus 1 GBRA is included in rates.

9. DEF's Midcourse filing meets all the requirements of Rule 25-6.0424, F.A.C. Along with its petition, DEF is filing the following Attachments:

- Attachment A – DEF 2017 Midcourse Fuel Projection Schedules
- Attachment B – DEF Rate Schedule BA-1, Section No. VI, Seventy Eighth Revised Sheet No. 6.105 (clean and legislative format)
 - Attachment B also includes a revision to the Asset Securitization Charge, which is being filed separately with the Commission in Docket 150171-EI, for administrative approval by Staff.

WHEREFORE, DEF respectfully requests the Commission to enter an order approving the midcourse adjustment factor discussed herein effective as of the first billing cycle in July

2017 and continue until the Citrus 1 GBRA is placed in rates, and approving the revised tariff sheets provided in Attachment B to this Petition.

Respectfully submitted,

s/Matthew R. Bernier

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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 13th day of April, 2017.

s/Matthew R. Bernier
Attorney

<p>Suzanne S. Brownless Danijela Janjic Office of General Counsel Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 sbrownle@psc.state.fl.us djanjic@psc.state.fl.us asoete@psc.state.fl.us</p> <p>James D. Beasley J. Jeffry Wahlen Ausley McMullen P.O. Box 391 Tallahassee, FL 32302 jbeasley@ausley.com jwahlen@ausley.com</p> <p>Jeffrey A. Stone Russell A. Badders Steven R. Griffin Beggs & Lane P.O. Box 12950 Pensacola, FL 32591 jas@beggslane.com rab@beggslane.com srg@beggslane.com</p> <p>James W. Brew Laura A. Wynn Stone Matheis Xenopoulos & Brew 1025 Thomas Jefferson Street, NW 8th Floor, West Tower Washington, DC 20007 jbrew@smxblaw.com law@smxblaw.com</p>	<p>Mike Cassel, Director Regulatory Affairs Florida Public Utilities Company 1750 S 14th Street, Suite 200 Fernandina Beach, FL 32034 mcassel@fpuc.com</p> <p>Robert L. McGee, Jr. Regulatory and Pricing Manager Gulf Power Company One Energy Place Pensacola, FL 32520-0780 rlmcgee@southernco.com</p> <p>Beth Keating Gunster, Yoakley & Stewart, P.A. 215 South Monroe Street, Suite 601 Tallahassee, FL 32301 bkeating@gunster.com</p> <p>Charles J. Rehwinkel / Erik Saylor J.R. Kelly / Patty Christensen Office of Public Counsel c/o The Florida Legislature 111 W. Madison Street, Room 812 Tallahassee, FL 32399-1400 rehwinkel.charles@leg.state.fl.us saylor.erik@leg.state.fl.us kelly.jr@leg.state.fl.us christensen.patty@leg.state.fl.us</p> <p>Robert Scheffel Wright John T. LaVia, III c/o Gardner Law Firm 1300 Thomaswood Drive Tallahassee, FL 32308 schef@gbwlegal.com jlavia@gbwlegal.com</p>	<p>Ms. Paula K. Brown Manager, Regulatory Coordination Tampa Electric Company P.O. Box 111 Tampa, FL 33601 regdept@tecoenergy.com</p> <p>John T. Butler Maria Jose Moncada Florida Power & Light Company 700 Universe Boulevard (LAW/JB) Juno Beach, FL 33408-0420 john.butler@fpl.com maria.moncada@fpl.com</p> <p>Kenneth Hoffman, Vice President Regulatory Affairs Florida Power & Light Company 215 S. Monroe Street, Suite 810 Tallahassee, FL 32301-1858 ken.hoffman@fpl.com</p> <p>Jon C. Moyle, Jr. Moyle Law Firm, PA 118 North Gadsden Street Tallahassee, FL 32301 jmoyle@moylelaw.com</p>
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DUKE ENERGY FLORIDA, LLC

PETITION FOR MIDCOURSE CORRECTION

ATTACHMENT A - DEF'S 2017 MIDCOURSE FUEL PROJECTION SCHEDULES

PROJECTED MARKET PRICE BY FUEL TYPE (Midcourse Projection)

Month	Light Oil		Coal Crystal River 1 & 2		Coal Crystal River 4 & 5		Natural Gas
	\$/barrel	\$/mmbtu	\$/ton	\$/mmbtu	\$/ton	\$/mmbtu	\$/mmbtu
Jan 2017	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Feb 2017	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mar 2017	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Apr 2017	61.61	10.63	95.38	4.18	75.12	3.26	2.90
May 2017	61.85	10.67	95.38	4.18	74.09	3.21	2.97
Jun 2017	62.20	10.73	94.98	4.16	72.49	3.13	3.04
Jul 2017	62.66	10.81	94.55	4.14	70.94	3.06	3.10
Aug 2017	63.18	10.90	94.07	4.12	69.70	3.01	3.13
Sep 2017	63.68	10.99	93.36	4.08	68.30	2.95	3.12
Oct 2017	64.00	11.04	93.36	4.08	67.65	2.93	3.13
Nov 2017	63.61	10.97	93.36	4.08	67.19	2.91	3.18
Dec 2017	63.46	10.95	93.36	4.08	66.38	2.88	3.31
Average (a)	62.92	10.85	94.20	4.12	70.21	3.04	3.10

(a) Average is calculated April - December 2017

PROJECTED MARKET PRICE BY FUEL TYPE (Original Projection)

Month	Light Oil		Coal Crystal River 1 & 2		Coal Crystal River 4 & 5		Natural Gas
	\$/barrel	\$/mmbtu	\$/ton	\$/mmbtu	\$/ton	\$/mmbtu	\$/mmbtu
Jan 2017	60.06	10.36	90.13	3.82	69.78	3.07	3.04
Feb 2017	60.74	10.48	90.13	3.82	68.42	3.01	3.04
Mar 2017	61.33	10.58	90.13	3.82	66.33	2.92	2.99
Apr 2017	61.39	10.59	90.13	3.82	65.11	2.87	2.80
May 2017	61.76	10.66	90.25	3.82	63.93	2.82	2.79
Jun 2017	62.24	10.74	91.27	3.87	63.01	2.78	2.82
Jul 2017	62.49	10.78	92.14	3.92	62.02	2.74	2.86
Aug 2017	62.96	10.86	92.80	3.95	61.29	2.71	2.87
Sep 2017	63.36	10.93	93.25	3.97	60.78	2.69	2.86
Oct 2017	63.64	10.98	93.39	3.98	60.59	2.68	2.89
Nov 2017	63.33	10.93	93.40	3.98	60.54	2.68	2.96
Dec 2017	62.66	10.81	93.40	3.98	60.23	2.66	3.10
Average	62.16	10.73	91.70	3.90	63.50	2.80	2.92

VARIANCE

Month	Light Oil		Coal Crystal River 1 & 2		Coal Crystal River 4 & 5		Natural Gas
	\$/barrel	\$/mmbtu	\$/ton	\$/mmbtu	\$/ton	\$/mmbtu	\$/mmbtu
Jan 2017	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Feb 2017	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mar 2017	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Apr 2017	0.23	0.04	5.25	0.37	10.00	0.39	0.10
May 2017	0.09	0.02	5.13	0.36	10.16	0.39	0.18
Jun 2017	(0.04)	(0.01)	3.71	0.29	9.48	0.34	0.22
Jul 2017	0.16	0.03	2.41	0.23	8.92	0.32	0.25
Aug 2017	0.22	0.04	1.27	0.17	8.41	0.30	0.26
Sep 2017	0.32	0.05	0.11	0.11	7.53	0.27	0.25
Oct 2017	0.35	0.06	(0.03)	0.10	7.06	0.25	0.24
Nov 2017	0.28	0.05	(0.04)	0.10	6.66	0.23	0.22
Dec 2017	0.80	0.14	(0.04)	0.10	6.15	0.22	0.21

Duke Energy Florida
Calculation of Total True-Up
Estimated for the Period of : July through December 2017

1. Actual Over/(Under) Recovery January - December 2016 (Schedule E1-B, Page 2 of 2, Section C, Line 9 - Dec '16)	\$	(85,111,174)
2. Projected (Over)/Under Recovery January - December 2016 (Refunded)/Collected January - December 2016 (Schedule E1-B, Page 2 of 2, Section C, Line 10 - Dec '16)	\$	26,217,663
3. Estimated Over/(Under) Recovery January - December 2017 (Schedule E1-B, Page 2 of 2, Section C, Lines 8 and 12 - Dec '17)	\$	<u>(123,151,067)</u>
4. Total Over/(Under) Recovery to be Included in the July 2017 - June 2018 Projected Period (Lines 1 through 3)	\$	(182,044,578)
5. Jurisdictional MWh Sales (July 2017 - June 2018)	mWh	38,230,439
6. Midcourse Correction Factor (Line 4 / Line 5)	Cents/kWh	0.476
7. Levelized Fuel Factor approved in Order No. PSC-16-0547-FOF-EI	Cents/KWH	3.663
8. Revised Levelized Fuel Factor for July - December 2017 (Line 6 + Line 7)	Cents/KWH	4.139

Duke Energy Florida
Calculation of Estimated True-Up
(3 MONTHS ACTUAL, 9 MONTHS ESTIMATED)
Estimated for the Period of : January through December 2017

	JAN ACTUAL	FEB ACTUAL	MAR ACTUAL	APR ESTIMATED	MAY ESTIMATED	JUN ESTIMATED	6 MONTH SUB-TOTAL
A 1 Fuel Cost of System Generation	\$ 98,838,811	\$ 84,184,731	\$ 90,419,035	\$ 89,380,009	\$ 109,258,787	\$ 115,978,405	\$ 588,059,778
2 Fuel Cost of Power Sold	(1,882,943)	(1,085,989)	(1,485,156)	(2,095,304)	(2,738,407)	(2,857,354)	(12,145,153)
3 Fuel Cost of Purchased Power	2,642,216	2,786,384	9,274,000	7,468,981	6,209,576	7,992,996	36,374,153
3a Demand and Non-Fuel Cost of Purchased Power							-
3b Energy Payments to Qualified Facilities	13,627,016	12,466,965	10,563,523	12,423,394	13,765,922	13,104,864	75,951,684
4 Energy Cost of Economy Purchases	199,213	441,004	1,462,753	274,414	169,690	102,408	2,649,481
5 Adjustments to Fuel Cost	(559,468)	510	790	0	0	0	(558,168)
6 TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	<u>112,864,845</u>	<u>98,793,605</u>	<u>110,234,944</u>	<u>107,451,495</u>	<u>126,665,568</u>	<u>134,321,319</u>	<u>690,331,775</u>
B 1 Jurisdictional mWh Sales	2,574,799	2,691,028	2,573,592	2,614,291	2,943,897	3,471,721	16,869,328
2 Non-Jurisdictional mWh Sales	24,148	13,668	20,372	13,653	17,764	20,268	109,874
3 TOTAL SALES (Lines B1 + B2)	<u>2,598,947</u>	<u>2,704,696</u>	<u>2,593,964</u>	<u>2,627,944</u>	<u>2,961,661</u>	<u>3,491,989</u>	<u>16,979,202</u>
4 Jurisdictional % of Total Sales (Line B1/B3)	99.07%	99.49%	99.21%	99.48%	99.40%	99.42%	99.35%
C 1 Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	92,072,964	95,990,883	91,338,422	95,682,148	107,745,587	127,063,782	609,893,785
2 True-Up Provision	(2,184,805)	(2,184,805)	(2,184,805)	(2,184,805)	(2,184,805)	(2,184,805)	(13,108,830)
2a Incentive Provision	(187,952)	(187,952)	(187,952)	(187,952)	(187,952)	(187,952)	(1,127,712)
3 FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	<u>89,700,207</u>	<u>93,618,126</u>	<u>88,965,665</u>	<u>93,309,391</u>	<u>105,372,830</u>	<u>124,691,025</u>	<u>595,657,243</u>
4 Fuel & Net Power Transactions (Line A6)	112,864,845	98,793,605	110,234,944	107,451,495	126,665,568	134,321,319	690,331,775
5 Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	<u>111,859,928</u>	<u>98,399,842</u>	<u>109,486,576</u>	<u>107,012,467</u>	<u>126,046,588</u>	<u>133,691,823</u>	<u>686,497,223</u>
6 Over/(Under) Recovery (Line C3 - Line C5)	(22,159,721)	(4,781,715)	(20,520,910)	(13,703,076)	(20,673,759)	(9,000,798)	(90,839,980)
7 Interest Provision	(58,010)	(61,737)	(77,201)	(87,104)	(97,063)	(105,478)	(486,593)
8 TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	<u>(22,217,731)</u>	<u>(4,843,452)</u>	<u>(20,598,111)</u>	<u>(13,790,180)</u>	<u>(20,770,822)</u>	<u>(9,106,276)</u>	<u>(91,326,573)</u>
9 Plus: Prior Period Balance	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)
10 Plus: Cumulative True-Up Provision	2,184,805	4,369,610	6,554,415	8,739,220	10,924,025	13,108,830	13,108,830
11 Subtotal Prior Period True-up	(82,926,369)	(80,741,564)	(78,556,759)	(76,371,954)	(74,187,149)	(72,002,344)	(72,002,344)
12 Regulatory Accounting Adjustment	-	-	-	-	-	-	-
13 TOTAL TRUE-UP BALANCE	<u>(\$105,144,101)</u>	<u>(107,802,748)</u>	<u>(\$126,216,054)</u>	<u>(\$137,821,429)</u>	<u>(\$156,407,446)</u>	<u>(\$163,328,917)</u>	<u>(163,328,917)</u>

Duke Energy Florida
Calculation of Estimated True-Up
(3 MONTHS ACTUAL, 9 MONTHS ESTIMATED)
Estimated for the Period of : January through December 2017

	JUL ESTIMATED	AUG ESTIMATED	SEPT ESTIMATED	OCT ESTIMATED	NOV ESTIMATED	DEC ESTIMATED	12 MONTH PERIOD
A 1 Fuel Cost of System Generation	\$ 123,262,041	\$ 123,499,965	\$ 115,653,180	\$ 108,286,454	\$ 96,941,463	\$ 106,408,076	\$ 1,262,110,957
2 Fuel Cost of Power Sold	(3,185,640)	(3,253,654)	(2,391,098)	(1,904,004)	(1,689,788)	(1,891,275)	(26,460,612)
3 Fuel Cost of Purchased Power	9,171,567	9,739,092	8,222,085	8,939,510	1,971,271	777,432	75,195,110
3a Demand and Non-Fuel Cost of Purchased Power							0
3b Energy Payments to Qualified Facilities	13,844,917	13,721,547	13,044,101	12,254,997	12,603,219	13,341,249	154,761,713
4 Energy Cost of Economy Purchases	162,117	282,869	227,210	383,617	99,387	122,245	3,926,926
5 Adjustments to Fuel Cost	0	0	0	0	0	0	(558,168)
6 TOTAL FUEL & NET POWER TRANSACTIONS (Sum of Lines A1 Through A5)	<u>143,255,002</u>	<u>143,989,819</u>	<u>134,755,477</u>	<u>127,960,574</u>	<u>109,925,552</u>	<u>118,757,727</u>	<u>1,468,975,926</u>
B 1 Jurisdictional mWh Sales	3,751,044	3,939,563	3,812,422	3,484,421	2,962,438	2,766,395	37,585,611
2 Non-Jurisdictional mWh Sales	22,314	24,303	21,286	18,065	12,988	17,475	226,305
3 TOTAL SALES (Lines B1 + B2)	<u>3,773,358</u>	<u>3,963,866</u>	<u>3,833,708</u>	<u>3,502,486</u>	<u>2,975,426</u>	<u>2,783,870</u>	<u>37,811,915</u>
4 Jurisdictional % of Total Sales (Line B1/B3)	99.41%	99.39%	99.44%	99.48%	99.56%	99.37%	99.40%
C 1 Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	137,286,900	144,186,610	139,533,297	127,528,596	108,424,172	101,249,068	1,368,102,428
2 True-Up Provision	(2,184,805)	(2,184,805)	(2,184,805)	(2,184,805)	(2,184,805)	(2,184,805)	(26,217,660)
2a Incentive Provision	(187,952)	(187,952)	(187,952)	(187,952)	(187,952)	(187,949)	(2,255,421)
3 FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2a)	<u>134,914,143</u>	<u>141,813,853</u>	<u>137,160,540</u>	<u>125,155,839</u>	<u>106,051,415</u>	<u>98,876,314</u>	<u>1,339,629,347</u>
4 Fuel & Net Power Transactions (Line A6)	143,255,002	143,989,819	134,755,477	127,960,574	109,925,552	118,757,727	1,468,975,926
5 Jurisdictional Total Fuel Costs & Net Power Transactions (Line A6 * Line B4 * Line Loss Multiplier)	<u>142,569,296</u>	<u>143,271,766</u>	<u>134,150,928</u>	<u>127,437,750</u>	<u>109,564,454</u>	<u>118,141,724</u>	<u>1,461,633,141</u>
6 Over/(Under) Recovery (Line C3 - Line C5)	(7,655,154)	(1,457,913)	3,009,612	(2,281,911)	(3,513,039)	(19,265,410)	(122,003,794)
7 Interest Provision	(109,602)	(111,240)	(109,359)	(107,749)	(108,291)	(114,438)	(1,147,272)
8 TOTAL ESTIMATED TRUE-UP FOR THE PERIOD	<u>(7,764,756)</u>	<u>(1,569,153)</u>	<u>2,900,253</u>	<u>(2,389,660)</u>	<u>(3,621,330)</u>	<u>(19,379,847)</u>	<u>(123,151,067)</u>
9 Plus: Prior Period Balance	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)	(85,111,174)
10 Plus: Cumulative True-Up Provision	15,293,635	17,478,440	19,663,245	21,848,050	24,032,855	26,217,663	26,217,663
11 Subtotal Prior Period True-up	(69,817,539)	(67,632,734)	(65,447,929)	(63,263,124)	(61,078,319)	(58,893,511)	(58,893,511)
12 Regulatory Accounting Adjustment	-	-	-	-	-	-	-
13 TOTAL TRUE-UP BALANCE	<u>(\$168,908,868)</u>	<u>(\$168,293,216)</u>	<u>(\$163,208,158)</u>	<u>(\$163,413,014)</u>	<u>(\$164,849,539)</u>	<u>(\$182,044,578)</u>	<u>(182,044,578)</u>

Duke Energy Florida
Midcourse Calculation of Levelized Fuel Adjustment Factors
Estimated for the Period of : July through December 2017

1. Projected Under-Recovery (Schedule E1-A, Line 4)	\$	182,044,578
2. Regulatory Assessment Fee	\$	131,072
3. Total amount to be Recovered (Line 1 + Line 2)	\$	<u>182,175,650</u>
4. Jurisdictional Sales (July 2017 - June 2018)		38,230,439 mWh
5. Jurisdictional Cost per kWh Sold (Line 3 / Line 4 / 10)		0.477 Cents/kWh
6. Effective Jurisdictional Sales (See Below)		38,185,896 mWh

LEVELIZED FUEL FACTORS:

7. Current Fuel Factor at Secondary Metering as approved in Order No. PSC-16-0547-FOF-EI		3.667 Cents/kWh
8. Proposed Midcourse Adjustment (Line 3 / Line 6 / 10)		0.477 Cents/kWh
9. Revised Fuel Factor at Secondary Metering (July - December 2017) (Line 7 + Line 8)		4.144 Cents/kWh
10. Revised Fuel Factor at Primary Metering (July - December 2017)		4.103 Cents/kWh
11. Revised Fuel Factor at Transmission Metering (July - December 2017)		4.061 Cents/kWh

TIERED FUEL FACTORS:

12. Revised Fuel Factor - First Tier (0-1000 kWh) (July - December 2017)	3.847	Cents/kWh
13. Revised Fuel Factor - Second Tier (Over 1000 kWh) (July - December 2017)	4.847	Cents/kWh

METERING VOLTAGE:	<u>JURISDICTIONAL SALES (mWh)</u>	
	<u>METER</u>	<u>SECONDARY</u>
Distribution Secondary	34,083,315	34,083,315
Distribution Primary	3,839,986	3,801,586
Transmission	307,138	300,995
Total	<u>38,230,439</u>	<u>38,185,896</u>

Duke Energy Florida
 Calculation of Midcourse Fuel Cost Factors
 Estimated for the Period of : July through December 2017

Line:	Metering Voltage	-----Time of Use-----				
		First Tier Factor Cents/kWh	Second Tier Factor Cents/kWh	Levelized Factors Cents/kWh	On-Peak Multiplier 1.282	Off-Peak Multiplier 0.861
1.	Distribution Secondary	3.847	4.847	4.144	5.313	3.568
2.	Distribution Primary	--	--	4.103	5.259	3.532
3.	Transmission	--	--	4.061	5.206	3.497
4.	Lighting Service	--	--	3.894	--	--

Line 4 calculated at secondary rate of 4.144 * (18.7% * On-Peak Multiplier 1.282 + 81.3% * Off-Peak Multiplier 0.861).

DEVELOPMENT OF TIME OF USE MULTIPLIERS

Mo/Yr	<u>ON-PEAK PERIOD</u>			<u>OFF-PEAK PERIOD</u>			<u>TOTAL</u>		
	System mWh Requirements	Marginal Cost	Average Marginal Cost (¢/kWh)	System mWh Requirements	Marginal Cost	Average Marginal Cost (¢/kWh)	System mWh Requirements	Marginal Cost	Average Marginal Cost (¢/kWh)
Jan-17	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Feb-17	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Mar-17	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Apr-17	975,307	38,401,317	3.937	2,085,205	54,278,355	2.603	3,060,511	92,679,672	3.028
May-17	1,329,188	50,891,779	3.829	2,304,370	53,817,526	2.335	3,633,558	104,709,305	2.882
Jun-17	1,414,349	55,818,228	3.947	2,515,585	63,642,725	2.530	3,929,935	119,460,953	3.040
Jul-17	1,385,370	56,642,910	4.089	2,829,870	77,595,870	2.742	4,215,240	134,238,780	3.185
Aug-17	1,510,698	65,360,347	4.326	2,721,928	74,695,856	2.744	4,232,626	140,056,204	3.309
Sep-17	1,349,332	55,426,453	4.108	2,597,378	71,328,702	2.746	3,946,710	126,755,155	3.212
Oct-17	1,180,319	50,200,070	4.253	2,215,541	61,454,777	2.774	3,395,860	111,654,848	3.288
Nov-17	753,547	20,720,771	2.750	2,106,173	55,786,943	2.649	2,859,720	76,507,714	2.675
Dec-17	809,882	25,389,514	3.135	2,324,036	57,449,651	2.472	3,133,918	82,839,165	2.643
TOTAL	10,707,992	418,851,389	3.912	21,700,086	570,050,406	2.627	32,408,078	988,901,795	3.051

MARGINAL FUEL COST WEIGHTING MULTIPLIER ON-PEAK 1.282 OFF-PEAK 0.861 AVERAGE 1.000

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

	Actual	Actual	Actual	Estimated	Estimated	Estimated	
	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Subtotal
FUEL COST OF SYSTEM NET GENERATION (\$)							
1 HEAVY OIL	0	0	0	0	0	0	0
2 LIGHT OIL	584,006	264,148	745,051	356,509	422,941	369,407	2,742,062
3 COAL	24,862,701	22,731,009	27,887,070	25,982,893	31,807,415	31,926,457	165,197,545
4 GAS	73,392,104	61,189,574	61,786,914	63,040,607	77,028,431	83,682,541	420,120,171
5 NUCLEAR	0	0	0	0	0	0	0
6 OTHER	0	0	0	0	0	0	0
7 TOTAL \$	98,838,811	84,184,731	90,419,035	89,380,009	109,258,787	115,978,405	588,059,778
SYSTEM NET GENERATION (MWH)							
8 HEAVY OIL	0	0	0	0	0	0	0
9 LIGHT OIL	3,301	1,573	4,141	0	3	12	9,031
10 COAL	695,229	641,628	779,529	679,856	831,957	865,594	4,493,793
11 GAS	1,949,480	1,640,985	1,748,315	1,911,571	2,335,957	2,582,722	12,169,031
12 NUCLEAR	0	0	0	0	0	0	0
13 SOLAR	1,091	1,318	1,624	1,633	1,664	1,521	8,851
14 OTHER	0	0	0	0	0	0	0
15 TOTAL MWH	2,649,102	2,285,504	2,533,610	2,593,060	3,169,581	3,449,850	16,680,706
UNITS OF FUEL BURNED							
16 HEAVY OIL BBL	0	0	0	0	0	0	0
17 LIGHT OIL BBL	6,302	2,971	8,261	2,452	3,477	2,629	26,092
18 COAL TON	322,062	289,823	348,295	313,001	387,289	397,678	2,058,148
19 GAS MCF	14,436,031	12,485,166	13,818,932	14,845,957	17,514,369	19,786,556	92,887,011
20 NUCLEAR MMBTU	0	0	0	0	0	0	0
21 OTHER BBL	0	0	0	0	0	0	0
BTUS BURNED (MMBTU)							
22 HEAVY OIL	0	0	0	0	0	0	0
23 LIGHT OIL	36,294	17,109	47,496	14,276	20,258	15,313	150,746
24 COAL	7,107,485	6,452,029	7,840,284	7,204,992	8,923,768	9,198,839	46,727,397
25 GAS	14,769,486	12,758,333	14,122,352	14,845,957	17,514,369	19,786,556	93,797,054
26 NUCLEAR	0	0	0	0	0	0	0
27 OTHER	0	0	0	0	0	0	0
28 TOTAL MMBTU	21,913,265	19,227,472	22,010,132	22,065,225	26,458,395	29,000,708	140,675,196
GENERATION MIX (% MWH)							
29 HEAVY OIL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
30 LIGHT OIL	0.13%	0.07%	0.16%	0.00%	0.00%	0.00%	0.05%
31 COAL	26.24%	28.07%	30.77%	26.22%	26.25%	25.09%	26.94%
32 GAS	73.59%	71.80%	69.01%	73.72%	73.70%	74.87%	72.95%
33 NUCLEAR	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34 SOLAR	0.04%	0.06%	0.06%	0.06%	0.05%	0.04%	0.05%
35 OTHER	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
36 TOTAL %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
FUEL COST PER UNIT							
37 HEAVY OIL \$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38 LIGHT OIL \$/BBL	92.67	88.91	90.19	145.40	121.64	140.51	105.09
39 COAL \$/TON	77.20	78.43	80.07	83.01	82.13	80.28	80.27
40 GAS \$/MCF	5.08	4.90	4.47	4.25	4.40	4.23	4.52
41 NUCLEAR \$/MMBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42 OTHER \$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL COST PER MMBTU (\$/MMBTU)							
43 HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44 LIGHT OIL	16.09	15.44	15.69	24.97	20.88	24.12	18.19
45 COAL	3.50	3.52	3.56	3.61	3.56	3.47	3.54
46 GAS	4.97	4.80	4.38	4.25	4.40	4.23	4.48
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	4.51	4.38	4.11	4.05	4.13	4.00	4.18
BTU BURNED PER KWH (BTU/KWH)							
50 HEAVY OIL	0	0	0	0	0	0	0
51 LIGHT OIL	10,993	10,874	11,469	0	6,752,667	1,276,083	16,692
52 COAL	10,223	10,056	10,058	10,598	10,726	10,627	10,398
53 GAS	7,576	7,775	8,078	7,766	7,498	7,661	7,708
54 NUCLEAR	0	0	0	0	0	0	0
55 OTHER	0	0	0	0	0	0	0
56 TOTAL BTU/KWH	8,272	8,413	8,687	8,509	8,348	8,406	8,433
GENERATED FUEL COST PER KWH (C/KWH)							
57 HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
58 LIGHT OIL	17.69	16.79	17.99	0.00	14098.03	3078.39	30.36
59 COAL	3.58	3.54	3.58	3.82	3.82	3.69	3.68
60 GAS	3.76	3.73	3.53	3.30	3.30	3.24	3.45
61 NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
62 OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63 TOTAL C/KWH	3.73	3.68	3.57	3.45	3.45	3.36	3.53

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

		Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	
		Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
FUEL COST OF SYSTEM NET GENERATION (\$)								
1	HEAVY OIL	0	0	0	0	0	0	0
2	LIGHT OIL	375,996	419,083	353,891	289,690	412,171	271,418	4,864,311
3	COAL	33,809,575	33,755,040	31,485,468	21,105,427	20,277,421	26,941,799	332,572,275
4	GAS	89,076,470	89,325,842	83,813,821	86,891,337	76,251,871	79,194,859	924,674,371
5	NUCLEAR	0	0	0	0	0	0	0
6	OTHER	0	0	0	0	0	0	0
7	TOTAL \$	123,262,041	123,499,965	115,653,180	108,286,454	96,941,463	106,408,076	1,262,110,957
SYSTEM NET GENERATION (MWH)								
8	HEAVY OIL	0	0	0	0	0	0	0
9	LIGHT OIL	0	150	0	91	35	51	9,358
10	COAL	940,696	956,861	906,108	623,779	609,234	843,145	9,373,616
11	GAS	2,747,825	2,738,457	2,540,176	2,286,842	1,911,202	1,968,950	26,362,482
12	NUCLEAR	0	0	0	0	0	0	0
13	SOLAR	1,470	1,466	1,331	1,389	1,155	1,071	16,732
14	OTHER	0	0	0	0	0	0	0
15	TOTAL MWH	3,689,990	3,696,933	3,447,615	2,912,102	2,521,626	2,813,217	35,762,188
UNITS OF FUEL BURNED								
16	HEAVY OIL BBL	0	0	0	0	0	0	0
17	LIGHT OIL BBL	2,711	3,350	2,333	1,354	3,220	1,088	40,148
18	COAL TON	430,651	437,060	414,956	281,665	271,654	375,382	4,269,516
19	GAS MCF	21,028,186	21,023,061	19,469,413	17,463,555	14,212,207	14,429,919	200,513,352
20	NUCLEAR MMBTU	0	0	0	0	0	0	0
21	OTHER BBL	0	0	0	0	0	0	0
BTUS BURNED (MMBTU)								
22	HEAVY OIL	0	0	0	0	0	0	0
23	LIGHT OIL	15,794	19,515	13,596	7,889	18,761	6,329	232,630
24	COAL	9,968,856	10,119,028	9,586,983	6,506,831	6,270,906	8,646,210	97,826,211
25	GAS	21,028,186	21,023,061	19,469,413	17,463,555	14,212,207	14,429,919	201,423,395
26	NUCLEAR	0	0	0	0	0	0	0
27	OTHER	0	0	0	0	0	0	0
28	TOTAL MMBTU	31,012,836	31,161,604	29,069,992	23,978,275	20,501,874	23,082,458	299,482,235
GENERATION MIX (% MWH)								
29	HEAVY OIL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
30	LIGHT OIL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.03%
31	COAL	25.49%	25.88%	26.28%	21.42%	24.16%	29.97%	26.21%
32	GAS	74.47%	74.07%	73.68%	78.53%	75.79%	69.99%	73.72%
33	NUCLEAR	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34	SOLAR	0.04%	0.04%	0.04%	0.05%	0.05%	0.04%	0.05%
35	OTHER	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
36	TOTAL %	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
FUEL COST PER UNIT								
37	HEAVY OIL \$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	LIGHT OIL \$/BBL	138.69	125.10	151.69	213.95	128.00	249.47	121.16
39	COAL \$/TON	78.51	77.23	75.88	74.93	74.64	71.77	77.89
40	GAS \$/MCF	4.24	4.25	4.30	4.98	5.37	5.49	4.61
41	NUCLEAR \$/MMBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	OTHER \$/BBL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL COST PER MMBTU (\$/MMBTU)								
43	HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	LIGHT OIL	23.81	21.48	26.03	36.72	21.97	42.89	20.91
45	COAL	3.39	3.34	3.28	3.24	3.23	3.12	3.40
46	GAS	4.24	4.25	4.31	4.98	5.37	5.49	4.59
47	NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	TOTAL \$/MMBTU	3.98	3.96	3.98	4.52	4.73	4.61	4.21
BTU BURNED PER KWH (BTU/KWH)								
50	HEAVY OIL	0	0	0	0	0	0	0
51	LIGHT OIL	0	130,100	0	86,692	537,564	124,587	24,860
52	COAL	10,597	10,575	10,580	10,431	10,293	10,255	10,436
53	GAS	7,653	7,677	7,665	7,637	7,436	7,329	7,641
54	NUCLEAR	0	0	0	0	0	0	0
55	OTHER	0	0	0	0	0	0	0
56	TOTAL BTU/KWH	8,405	8,429	8,432	8,234	8,130	8,205	8,374
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	0.00	279.39	0.00	318.34	1,181.01	534.29	51.98
59	COAL	3.59	3.53	3.47	3.38	3.33	3.20	3.55
60	GAS	3.24	3.26	3.30	3.80	3.99	4.02	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	3.34	3.34	3.35	3.72	3.84	3.78	3.53

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	31,966	11.8	67.14	36.3	11,783 COAL	16,520 TONS	22.80	376,652	1,634,285	5.11
2 CRYSTAL RIVER	2	500	881	0.2	99.00	35.2	12,274 COAL	474 TONS	22.81	10,813	103,926	11.80
3 CRYSTAL RIVER	4	732	271,573	51.5	64.29	78.1	10,490 COAL	123,688 TONS	23.03	2,848,744	10,295,850	3.79
4 CRYSTAL RIVER	5	712	375,436	73.2	97.00	75.8	10,571 COAL	172,319 TONS	23.03	3,968,783	13,948,832	3.72
5 ANCLOTE	1	517	33,717	9.1	10.47	44.7	10,858 GAS	366,112 MCF	1.00	366,112	1,954,465	5.80
6 ANCLOTE	2	521	93,713	25.0	95.67	36.9	11,620 GAS	1,088,940 MCF	1.00	1,088,940	4,224,146	4.51
7 AVON PARK	1-2	69	22	0.0	92.00	31.2	17,535 GAS	377 MCF	1.00	377	1,600	7.44
8 BARTOW	1-4	228	520	0.3	76.75	17.6	14,579 GAS	7,587 MCF	1.00	7,587	32,216	6.19
9 BARTOW CC	1	1279	490,937	53.3	97.33	54.8	8,334 GAS	4,091,680 MCF	1.00	4,091,680	17,374,564	3.54
10 CITRUS CC	1-2	--	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
11 DEBARY	1-10	785	5,323	0.9	86.43	6.6	14,315 GAS	76,199 MCF	1.00	76,199	323,564	6.08
12 HIGGINS	1-4	129	471	0.5	90.75	22.8	15,534 GAS	7,315 MCF	1.00	7,315	31,061	6.60
13 HINES CC	1-4	2,204	1,130,580	71.2	77.58	21.7	7,031 GAS	7,949,478 MCF	1.00	7,949,478	33,755,992	2.99
14 INT CITY	1-14	1,186	11,556	1.4	94.88	5.7	13,251 GAS	153,127 MCF	1.00	153,127	650,219	5.63
15 OSPREY CC	1	554	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF	0	0	0	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	3,602	2.5	70.23	24.0	13,606 GAS	49,007 MCF	1.00	49,007	208,098	5.78
20 TIGER BAY CC	1	225	123,362	76.1	92.00	88.9	7,200 GAS	888,219 MCF	1.00	888,219	3,771,659	3.06
21 UNIV OF FLA. CC	1	47	17,769	52.5	52.70	99.0	9,450 GAS	167,916 MCF	1.00	167,916	713,023	4.01
22 AVON PARK	1-2	69	0	0.0	92.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	0	0.0	76.75	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
24 BAYBORO	1-4	231	0	0.0	94.50	0.0	0 LIGHT OIL	0 BBLS		0	68	0.00
25 DEBARY	1-10	785	0	0.0	86.43	0.0	0 LIGHT OIL	0 BBLS		0	1,120	0.00
26 HIGGINS	1-4	129	0	0.0	90.75	0.0	0 LIGHT OIL	0 BBLS	0	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0	0	0	0.00
28 INT CITY	1-14	1,186	0	0.0	94.88	0.0	0 LIGHT OIL	0 BBLS		0	6,636	0.00
29 RIO PINAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	70.23	0.0	0 LIGHT OIL	0 BBLS		0	93	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	2,452 BBLS	5.82	14,276	348,592	0.00
33 SOLAR	10	1,633	22.7	0.00	0.0	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			2,593,060							22,065,225	89,380,009	3.45

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	89,023	31.8	92.26	34.5	11,854 COAL	46,285 TONS	22.80	1,055,296	4,534,294	5.09
2 CRYSTAL RIVER	2	500	0	0.0	98.06	0.0	0 COAL	0 TONS		0	119,833	0.00
3 CRYSTAL RIVER	4	732	375,401	68.9	94.19	73.2	10,560 COAL	171,795 TONS	23.07	3,964,073	13,672,452	3.64
4 CRYSTAL RIVER	5	712	367,533	69.4	96.77	72.0	10,623 COAL	169,209 TONS	23.07	3,904,399	13,480,836	3.67
5 ANCLOTE	1	517	113,343	29.5	89.35	33.0	11,030 GAS	1,250,140 MCF	1.00	1,250,140	4,935,485	4.35
6 ANCLOTE	2	521	25,170	6.5	93.55	38.6	11,780 GAS	296,511 MCF	1.00	296,511	1,866,706	7.42
7 AVON PARK	1-2	69	0	0.0	92.75	0.0	0 GAS	0 MCF		0	0	0.00
8 BARTOW	1-4	228	395	0.2	75.17	19.3	14,152 GAS	5,593 MCF	1.00	5,593	24,599	6.22
9 BARTOW CC	1	1279	649,985	68.3	97.42	70.1	7,348 GAS	4,775,889 MCF	1.00	4,775,889	21,004,426	3.23
10 CITRUS CC	1-2	--	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
11 DEBARY	1-10	785	6,538	1.1	93.90	8.7	13,306 GAS	86,996 MCF	1.00	86,996	382,611	5.85
12 HIGG NS	1-4	129	205	0.2	90.32	26.4	15,435 GAS	3,158 MCF	1.00	3,158	13,887	6.79
13 HINES CC	1-4	2,204	1,357,473	82.8	97.42	21.4	7,064 GAS	9,588,562 MCF	1.00	9,588,562	42,170,626	3.11
14 NT CITY	1-14	1,186	8,658	1.0	95.46	6.5	12,866 GAS	111,402 MCF	1.00	111,402	489,945	5.66
15 OSPREY CC	1	554	61,971	15.0	31.57	85.4	7,803 GAS	483,582 MCF	1.00	483,582	2,126,800	3.43
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	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	4,610	3.1	83.84	25.3	13,385 GAS	61,711 MCF	1.00	61,711	271,405	5.89
20 TIGER BAY CC	1	225	74,151	44.3	56.02	88.8	7,211 GAS	534,733 MCF	1.00	534,733	2,351,764	3.17
21 UNIV OF FLA. CC	1	47	33,458	95.7	96.77	98.9	9,447 GAS	316,092 MCF	1.00	316,092	1,390,177	4.15
22 AVON PARK	1-2	69	0	0.0	92.75	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	0	0.0	75.17	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
24 BAYBORO	1-4	231	0	0.0	95.08	0.0	0 LIGHT OIL	0 BBLS		0	68	0.00
25 DEBARY	1-10	785	0	0.0	93.90	0.0	0 LIGHT OIL	0 BBLS		0	1,120	0.00
26 HIGG NS	1-4	129	0	0.0	90.32	0.0	0 LIGHT OIL	0 BBLS	0	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0	0	0	0.00
28 NT CITY	1-14	1,186	3	0.0	95.46	0.0	16,000 LIGHT OIL	8 BBLS	6.00	48	7,166	238.87
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	83.84	0.0	0 LIGHT OIL	0 BBLS		0	93	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	3,469 BBLS	5.83	20,210	414,494	0.00
33 SOLAR		10	1,664	22.4	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			3,169,581							26,458,395	109,258,787	3.45

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	83,293	30.8	88.33	34.8	11,841 COAL	43,241 TONS	22.81	986,301	4,216,766	5.06
2 CRYSTAL RIVER	2	500	0	0.0	98.67	0.0	0 COAL	0 TONS		0	109,730	0.00
3 CRYSTAL RIVER	4	732	405,831	77.0	96.00	80.2	10,467 COAL	183,328 TONS	23.17	4,247,823	14,242,826	3.51
4 CRYSTAL RIVER	5	712	376,470	73.4	93.33	79.3	10,531 COAL	171,109 TONS	23.17	3,964,715	13,357,135	3.55
5 ANCLOTE	1	517	129,367	34.8	93.33	37.2	10,876 GAS	1,407,050 MCF	1.00	1,407,050	5,899,662	4.56
6 ANCLOTE	2	521	111,516	29.7	89.00	33.4	11,700 GAS	1,304,729 MCF	1.00	1,304,729	5,569,165	4.99
7 AVON PARK	1-2	69	10	0.0	90.67	0.0	16,300 GAS	163 MCF	1.00	163	689	6.89
8 BARTOW	1-4	228	850	0.5	77.67	18.6	14,124 GAS	12,001 MCF	1.00	12,001	50,757	5.97
9 BARTOW CC	1	1279	645,555	70.1	96.00	73.0	7,350 GAS	4,744,801 MCF	1.00	4,744,801	20,067,010	3.11
10 CITRUS CC	1-2	--	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
11 DEBARY	1-10	785	8,599	1.5	95.23	9.8	12,921 GAS	111,110 MCF	1.00	111,110	469,914	5.46
12 HIGGINS	1-4	129	686	0.7	90.00	24.2	15,439 GAS	10,588 MCF	1.00	10,588	44,782	6.53
13 H NES CC	1-4	2,204	1,349,499	85.0	96.17	22.4	7,040 GAS	9,499,828 MCF	1.00	9,499,828	40,177,263	2.98
14 INT CITY	1-14	1,186	13,668	1.6	95.71	6.5	12,790 GAS	174,807 MCF	1.00	174,807	739,305	5.41
15 OSPREY CC	1	554	175,597	44.0	96.90	84.7	7,735 GAS	1,358,211 MCF	1.00	1,358,211	5,744,229	3.27
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	4,345	3.0	98.78	25.9	13,291 GAS	57,753 MCF	1.00	57,753	244,251	5.62
20 TIGER BAY CC	1	225	109,960	67.9	88.33	88.9	7,214 GAS	793,273 MCF	1.00	793,273	3,354,960	3.05
21 UNIV OF FLA. CC	1	47	33,070	97.7	98.67	99.1	9,442 GAS	312,242 MCF	1.00	312,242	1,320,554	3.99
22 AVON PARK	1-2	69	0	0.0	90.67	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	0	0.0	77.67	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
24 BAYBORO	1-4	231	0	0.0	95.25	0.0	0 LIGHT OIL	0 BBLS		0	68	0.00
25 DEBARY	1-10	785	0	0.0	95.23	0.0	0 LIGHT OIL	0 BBLS		0	1,120	0.00
26 HIGGINS	1-4	129	0	0.0	90.00	0.0	0 LIGHT OIL	0 BBLS	0	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0	0	0	0.00
28 INT CITY	1-14	1,186	12	0.0	95.71	0.0	15,000 LIGHT OIL	31 BBLS	5.81	180	8,616	71.80
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	98.78	0.0	0 LIGHT OIL	0 BBLS		0	93	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	2,598 BBLS	5.82	15,133	359,510	0.00
33 SOLAR		10	1,521	21.1	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			3,449,850							29,000,708	115,978,405	3.36

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	96,928	34.6	95.81	36.2	11,792 COAL	50,085 TONS	22.82	1,142,928	4,853,233	5.01
2 CRYSTAL RIVER	2	500	1,651	0.4	97.42	41.3	12,055 COAL	872 TONS	22.82	19,902	199,938	12.11
3 CRYSTAL RIVER	4	732	432,630	79.4	95.16	83.5	10,427 COAL	194,506 TONS	23.19	4,511,075	14,708,737	3.40
4 CRYSTAL RIVER	5	712	409,487	77.3	94.19	83.0	10,489 COAL	185,188 TONS	23.19	4,294,951	14,047,667	3.43
5 ANCLOTE	1	517	134,944	35.1	90.97	38.6	10,857 GAS	1,465,061 MCF	1.00	1,465,061	6,180,596	4.58
6 ANCLOTE	2	521	121,248	31.3	91.29	34.3	11,650 GAS	1,412,531 MCF	1.00	1,412,531	6,009,032	4.96
7 AVON PARK	1-2	69	0	0.0	92.10	0.0	0 GAS	0 MCF		0	0	0.00
8 BARTOW	1-4	228	638	0.4	75.97	18.7	14,113 GAS	9,007 MCF	1.00	9,007	38,155	5.98
9 BARTOW CC	1	1279	682,186	71.7	97.42	73.6	7,348 GAS	5,012,967 MCF	1.00	5,012,967	21,235,183	3.11
10 CITRUS CC	1-2	--	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
11 DEBARY	1-10	785	8,628	1.5	95.29	9.7	12,943 GAS	111,679 MCF	1.00	111,679	473,079	5.48
12 HIGGINS	1-4	129	331	0.3	90.08	23.3	15,478 GAS	5,117 MCF	1.00	5,117	21,675	6.56
13 HINES CC	1-4	2,204	1,427,750	87.1	97.58	22.4	7,036 GAS	10,046,035 MCF	1.00	10,046,035	42,555,518	2.98
14 INT CITY	1-14	1,186	13,387	1.5	95.53	6.5	12,789 GAS	171,212 MCF	1.00	171,212	725,263	5.42
15 OSPREY CC	1	554	191,035	46.3	97.19	85.8	7,711 GAS	1,473,005 MCF	1.00	1,473,005	6,239,724	3.27
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
19 SUWANNEE CT	1-3	200	5,962	4.0	98.93	25.9	13,240 GAS	78,944 MCF	1.00	78,944	334,410	5.61
20 TIGER BAY CC	1	225	127,400	76.1	91.94	88.9	7,211 GAS	918,700 MCF	1.00	918,700	3,891,661	3.05
21 UNIV OF FLA. CC	1	47	34,316	98.1	99.03	99.1	9,440 GAS	323,928 MCF	1.00	323,928	1,372,174	4.00
22 AVON PARK	1-2	69	0	0.0	92.10	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	0	0.0	75.97	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
24 BAYBORO	1-4	231	0	0.0	96.13	0.0	0 LIGHT OIL	0 BBLS		0	68	0.00
25 DEBARY	1-10	785	0	0.0	95.29	0.0	0 LIGHT OIL	0 BBLS		0	1,120	0.00
26 HIGGINS	1-4	129	0	0.0	90.08	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
27 OTHER		0	0	0.0	97.58	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
28 INT CITY	1-14	1,186	0	0.0	95.53	0.0	0 LIGHT OIL	0 BBLS		0	6,636	0.00
29 RIO PINAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	98.93	0.0	0 LIGHT OIL	0 BBLS		0	93	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	2,711 BBLS	5.83	15,794	368,079	0.00
33 SOLAR		10	1,470	19.8	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			3,689,990							31,012,836	123,262,041	3.34

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	94,494	33.8	91.29	37.0	11,762 COAL	48,681 TONS	22.83	1,111,450	4,694,812	4.97
2 CRYSTAL RIVER	2	500	3,866	1.0	97.10	40.7	12,038 COAL	2,038 TONS	22.84	46,540	307,094	7.94
3 CRYSTAL RIVER	4	732	425,792	78.2	91.29	85.7	10,401 COAL	190,942 TONS	23.19	4,428,832	14,221,247	3.34
4 CRYSTAL RIVER	5	712	432,709	81.7	97.10	84.3	10,474 COAL	195,399 TONS	23.19	4,532,206	14,531,887	3.36
5 ANCLOTE	1	517	140,920	36.6	91.29	40.1	10,813 GAS	1,523,790 MCF	1.00	1,523,790	6,471,111	4.59
6 ANCLOTE	2	521	131,181	33.8	95.16	35.6	11,562 GAS	1,516,774 MCF	1.00	1,516,774	6,448,079	4.92
7 AVON PARK	1-2	69	35	0.1	90.48	0.0	15,771 GAS	552 MCF	1.00	552	2,344	6.70
8 BARTOW	1-4	228	805	0.5	76.69	18.6	14,026 GAS	11,295 MCF	1.00	11,295	47,991	5.96
9 BARTOW CC	1	1279	676,234	71.1	96.13	73.9	7,354 GAS	4,972,987 MCF	1.00	4,972,987	21,129,951	3.12
10 CITRUS CC	1-2	--	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
11 DEBARY	1-10	785	8,911	1.5	95.23	9.8	12,895 GAS	114,906 MCF	1.00	114,906	488,227	5.48
12 HIGGINS	1-4	129	285	0.3	90.08	24.5	15,449 GAS	4,403 MCF	1.00	4,403	18,706	6.56
13 HINES CC	1-4	2,204	1,405,488	85.7	96.53	22.4	7,032 GAS	9,883,756 MCF	1.00	9,883,756	41,995,544	2.99
14 INT CITY	1-14	1,186	14,730	1.7	95.32	6.6	12,785 GAS	188,321 MCF	1.00	188,321	800,169	5.43
15 OSPREY CC	1	554	196,135	47.6	97.84	86.6	7,699 GAS	1,510,016 MCF	1.00	1,510,016	6,415,977	3.27
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	6,777	4.6	98.28	26.1	13,218 GAS	89,578 MCF	1.00	89,578	380,611	5.62
20 TIGER BAY CC	1	225	122,960	73.5	91.29	88.9	7,204 GAS	885,749 MCF	1.00	885,749	3,763,500	3.06
21 UNIV OF FLA. CC	1	47	33,996	97.2	98.06	99.1	9,440 GAS	320,934 MCF	1.00	320,934	1,363,632	4.01
22 AVON PARK	1-2	69	0	0.0	90.48	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	0	0.0	76.69	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
24 BAYBORO	1-4	231	0	0.0	95.40	0.0	0 LIGHT OIL	0 BBLS		0	68	0.00
25 DEBARY	1-10	785	0	0.0	95.23	0.0	0 LIGHT OIL	0 BBLS		0	1,120	0.00
26 HIGGINS	1-4	129	0	0.0	90.08	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	150	1.7	95.32	0.0	14,680 LIGHT OIL	378 BBLS	5.83	2,202	31,248	20.83
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	98.28	0.0	0 LIGHT OIL	0 BBLS		0	93	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	2,972 BBLS	5.83	17,313	386,554	0.00
33 SOLAR		10	1,466	19.7	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			3,696,933							31,161,604	123,499,965	3.34

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVA L FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	84,121	31.1	88.33	36.1	11,792 COAL	43,347 TONS	22.88	991,986	4,151,443	4.94
2 CRYSTAL RIVER	2	500	0	0.0	94.26	0.0	0 COAL	0 TONS		0	104,474	0.00
3 CRYSTAL RIVER	4	732	411,716	78.1	93.00	83.9	10,421 COAL	185,505 TONS	23.13	4,290,568	13,594,308	3.30
4 CRYSTAL RIVER	5	712	410,271	80.0	97.00	82.7	10,492 COAL	186,104 TONS	23.13	4,304,429	13,635,243	3.32
5 ANCLOTE	1	517	132,473	35.6	91.33	38.9	10,835 GAS	1,435,382 MCF	1.00	1,435,382	6,169,670	4.66
6 ANCLOTE	2	521	122,258	32.6	96.67	34.9	11,588 GAS	1,416,785 MCF	1.00	1,416,785	6,108,616	5.00
7 AVON PARK	1-2	69	0	0.0	90.00	0.0	0 GAS	0 MCF		0	0	0.00
8 BARTOW	1-4	228	465	0.3	63.08	18.5	14,110 GAS	6,561 MCF	1.00	6,561	28,243	6.07
9 BARTOW CC	1	1279	634,430	68.9	94.00	73.3	7,357 GAS	4,667,648 MCF	1.00	4,667,648	20,093,744	3.17
10 CITRUS CC	1-2	--	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
11 DEBARY	1-10	785	7,245	1.3	95.57	9.8	12,913 GAS	93,556 MCF	1.00	93,556	402,750	5.56
12 HIGGINS	1-4	129	299	0.3	89.75	25.7	15,460 GAS	4,621 MCF	1.00	4,621	19,893	6.66
13 HINES CC	1-4	2,204	1,296,892	81.7	91.01	22.5	7,016 GAS	9,098,536 MCF	1.00	9,098,536	39,168,262	3.02
14 NT CITY	1-14	1,186	9,855	1.2	95.00	6.5	12,804 GAS	126,184 MCF	1.00	126,184	543,209	5.51
15 OSPREY CC	1	554	175,693	44.0	96.03	85.5	7,727 GAS	1,357,639 MCF	1.00	1,357,639	5,844,496	3.33
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
19 SUWANNEE CT	1-3	200	5,451	3.8	91.86	25.7	13,276 GAS	72,369 MCF	1.00	72,369	311,541	5.72
20 TIGER BAY CC	1	225	122,360	75.5	91.67	88.9	7,199 GAS	880,870 MCF	1.00	880,870	3,792,056	3.10
21 UNIV OF FLA. CC	1	47	32,755	96.8	97.67	99.1	9,442 GAS	309,262 MCF	1.00	309,262	1,331,341	4.06
22 AVON PARK	1-2	69	0	0.0	90.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	0	0.0	63.08	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
24 BAYBORO	1-4	231	0	0.0	95.84	0.0	0 LIGHT OIL	0 BBLS		0	68	0.00
25 DEBARY	1-10	785	0	0.0	95.57	0.0	0 LIGHT OIL	0 BBLS		0	1,120	0.00
26 HIGGINS	1-4	129	0	0.0	89.75	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
28 NT CITY	1-14	1,186	0	0.0	95.00	0.0	0 LIGHT OIL	0 BBLS		0	6,636	0.00
29 RIO PINAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	91.86	0.0	0 LIGHT OIL	0 BBLS		0	93	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	2,333 BBLS	5.83	13,596	345,974	0.00
33 SOLAR		10	1,331	18.5	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			3,447,615							29,069,992	115,653,180	3.35

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVA L FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	2,072	0.7	88.06	50.1	11,446 COAL	1,036 TONS	22 89	23,717	105,129	5.07
2 CRYSTAL RIVER	2	500	0	0.0	70.71	0.0	0 COAL	0 TONS		0	8,391	0.00
3 CRYSTAL RIVER	4	732	442,406	81.2	96.13	84.5	10,413 COAL	199,416 TONS	23.10	4,606,918	14,494,212	3.28
4 CRYSTAL RIVER	5	712	179,301	33.8	37.32	84.8	10,464 COAL	81,213 TONS	23.10	1,876,196	6,497,695	3.62
5 ANCLOTE	1	517	130,534	33.9	92.58	36.6	10,890 GAS	1,421,501 MCF	1 00	1,421,501	6,506,838	4.98
6 ANCLOTE	2	521	65,532	16.9	89.68	36.8	11,635 GAS	762,487 MCF	1 00	762,487	4,359,772	6.65
7 AVON PARK	1-2	69	10	0.0	92.58	0.0	16,300 GAS	163 MCF	1 00	163	810	8.10
8 BARTOW	1-4	228	275	0.2	35.20	17.2	14,077 GAS	3,867 MCF	1 00	3,867	19,242	7.00
9 BARTOW CC	1	1279	673,461	70.8	95.48	74.1	7,356 GAS	4,953,810 MCF	1 00	4,953,810	24,648,084	3.66
10 CITRUS CC	1-2	--	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
11 DEBARY	1-10	785	10,027	1.7	95.10	8.6	13,292 GAS	133,277 MCF	1 00	133,277	663,131	6.61
12 HIGGINS	1-4	129	550	0.6	90.49	23.7	15,612 GAS	8,579 MCF	1 00	8,579	42,691	7.77
13 HINES CC	1-4	2,204	1,073,518	65.5	73.70	22.5	7,018 GAS	7,534,252 MCF	1 00	7,534,252	37,487,280	3.49
14 NT CITY	1-14	1,186	16,700	1.9	95.46	6.5	12,827 GAS	214,206 MCF	1 00	214,206	1,065,800	6.38
15 OSPREY CC	1	554	181,148	43.9	96.55	82.0	7,712 GAS	1,397,058 MCF	1 00	1,397,058	6,951,174	3.84
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	3,137	2.1	65.38	25.3	13,320 GAS	41,790 MCF	1 00	41,790	207,931	6.63
20 TIGER BAY CC	1	225	113,160	67.6	89.35	88.9	7,202 GAS	815,013 MCF	1 00	815,013	4,055,161	3.58
21 UNIV OF FLA. CC	1	47	18,791	53.7	53.66	99.2	9,449 GAS	177,552 MCF	1 00	177,552	883,423	4.70
22 AVON PARK	1-2	69	7	0.0	92.58	0.0	18,286 LIGHT O L	22 BBLS	5 82	128	1,456	20.80
23 BARTOW	1-4	228	0	0.0	35.20	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
24 BAYBORO	1-4	231	3	0.0	94.76	0.0	16,333 LIGHT O L	8 BBLS	6.13	49	613	20.43
25 DEBARY	1-10	785	6	1.7	95.10	0.0	21,000 LIGHT O L	22 BBLS	5.73	126	2,566	42.77
26 HIGGINS	1-4	129	0	0.0	90.49	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	75	1.9	95.46	0.0	15,080 LIGHT O L	194 BBLS	5 83	1,131	19,454	25.94
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	65.38	0.0	0 LIGHT O L	0 BBLS		0	93	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	1,108 BBLS	5 83	6,455	265,508	0.00
33 SOLAR		10	1,389	18.7	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			2,912,102							23,978,275	108,286,454	3.72

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVAIL FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	0	0.0	93.67	0.0	0 COAL	0 TONS		0	4,943	0.00
2 CRYSTAL RIVER	2	500	0	0.0	97.00	0.0	0 COAL	0 TONS		0	4,943	0.00
3 CRYSTAL RIVER	4	732	371,606	70.5	92.67	76.1	10,342 COAL	166,486 TONS	23.08	3,843,190	12,193,873	3.28
4 CRYSTAL RIVER	5	712	237,628	46.4	56.67	82.8	10,216 COAL	105,168 TONS	23.08	2,427,716	8,073,662	3.40
5 ANCLOTE	1	517	77,026	20.7	85.67	24.1	11,432 GAS	880,553 MCF	1.00	880,553	3,921,694	5.09
6 ANCLOTE	2	521	10,431	2.8	96.00	34.5	11,381 GAS	118,720 MCF	1.00	118,720	1,439,641	13.80
7 AVON PARK	1-2	69	3	0.0	93.50	0.0	22,647 GAS	77 MCF	1.00	77	415	12.21
8 BARTOW	1-4	228	53	0.0	36.17	5.8	22,267 GAS	1,169 MCF	1.00	1,169	6,272	11.95
9 BARTOW CC	1	1279	611,446	66.4	97.67	68.0	7,330 GAS	4,482,032 MCF	1.00	4,482,032	24,047,169	3.93
10 CITRUS CC	1-2	--	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
11 DEBARY	1-10	785	5,206	0.9	95.30	10.4	12,766 GAS	66,461 MCF	1.00	66,461	356,576	6.85
12 HIGG NS	1-4	129	7	0.0	89.00	0.0	15,429 GAS	108 MCF	1.00	108	580	8.29
13 H NES CC	1-4	2,204	993,922	62.6	84.03	23.0	7,018 GAS	6,975,806 MCF	1.00	6,975,806	37,426,862	3.77
14 INT CITY	1-14	1,186	1,924	0.2	93.86	7.4	12,343 GAS	23,752 MCF	1.00	23,752	127,434	6.62
15 OSPREY CC	1	554	88,535	22.2	96.87	75.0	7,795 GAS	690,118 MCF	1.00	690,118	3,702,646	4.18
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
19 SUWANNEE CT	1-3	200	1,254	0.9	77.45	28.5	13,022 GAS	16,334 MCF	1.00	16,334	87,634	6.99
20 TIGER BAY CC	1	225	86,950	53.7	91.67	102.2	7,274 GAS	632,463 MCF	1.00	632,463	3,393,316	3.90
21 UNIV OF FLA. CC	1	47	34,445	101.8	99.67	102.1	9,424 GAS	324,614 MCF	1.00	324,614	1,741,632	5.06
22 AVON PARK	1-2	69	0	0.0	93.50	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	0	0.0	36.17	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
24 BAYBORO	1-4	231	0	0.0	95.42	0.0	0 LIGHT OIL	0 BBLS		0	68	0.00
25 DEBARY	1-10	785	18	0.9	95.30	0.0	17,283 LIGHT OIL	54 BBLS	5.89	318	4,749	25.81
26 HIGG NS	1-4	129	0	0.0	89.00	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	17	0.2	93.86	0.0	15,879 LIGHT OIL	45 BBLS	5.82	262	9,583	58.08
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	77.45	0.0	0 LIGHT OIL	0 BBLS		0	93	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS		0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	3,121 BBLS	5.83	18,181	397,678	0.00
33 SOLAR		10	1,155	16.0	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			2,521,626							20,501,874	96,941,463	3.84

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
PLANT/UNIT	NET CAPACITY (MW)	NET GENERATION (MWH)	CAPACITY FACTOR (%)	EQUIV AVA L FACTOR (%)	OUTPUT FACTOR (%)	AVG. NET HEAT RATE (BTU/KWH)	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MMBTU)	AS BURNED FUEL COST (\$)	FUEL COST PER KWH (C/KWH)
1 CRYSTAL RIVER	1	376	0	0.0	85.81	0.0	0 COAL	0 TONS		0	4,943	0.00
2 CRYSTAL RIVER	2	500	0	0.0	99.03	0.0	0 COAL	0 TONS		0	4,943	0.00
3 CRYSTAL RIVER	4	732	400,332	73.5	95.48	77.0	10,328 COAL	179,508 TONS	23.03	4,134,626	12,922,770	3.23
4 CRYSTAL RIVER	5	712	442,813	83.6	98.06	85.4	10,188 COAL	195,874 TONS	23.03	4,511,584	14,009,143	3.16
5 ANCLOTE	1	517	78,029	20.3	90.00	22.5	11,516 GAS	898,584 MCF	1.00	898,584	3,963,315	5.08
6 ANCLOTE	2	521	0	0.0	93.23	0.0	0 GAS	0 MCF		0	968,333	0.00
7 AVON PARK	1-2	69	0	0.0	92.74	0.0	0 GAS	0 MCF		0	0	0.00
8 BARTOW	1-4	228	198	0.1	74.70	12.4	16,658 GAS	3,300 MCF	1.00	3,300	18,112	9.14
9 BARTOW CC	1	1279	639,702	67.2	96.45	69.8	7,176 GAS	4,590,328 MCF	1.00	4,590,328	25,192,821	3.94
10 CITRUS CC	1-2	--	0	0.0	0.00	0.0	0 GAS	0 MCF		0	0	0.00
11 DEBARY	1-10	785	1,446	0.3	94.68	10.3	12,802 GAS	18,511 MCF	1.00	18,511	101,593	7.03
12 HIGGINS	1-4	129	136	0.1	89.11	26.3	15,685 GAS	2,130 MCF	1.00	2,130	11,685	8.60
13 HINES CC	1-4	2,204	1,088,900	66.4	98.47	22.1	6,991 GAS	7,612,815 MCF	1.00	7,612,815	41,780,956	3.84
14 NT CITY	1-14	1,186	2,363	0.3	95.12	7.8	12,413 GAS	29,338 MCF	1.00	29,338	161,014	6.81
15 OSPREY CC	1	554	59,659	14.5	97.34	69.5	7,953 GAS	474,466 MCF	1.00	474,466	2,603,982	4.36
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	912	0.6	98.49	21.8	14,434 GAS	13,165 MCF	1.00	13,165	72,254	7.92
20 TIGER BAY CC	1	225	62,584	37.4	91.61	102.3	7,305 GAS	457,145 MCF	1.00	457,145	2,508,923	4.01
21 UNIV OF FLA. CC	1	47	35,021	100.2	98.06	102.1	9,427 GAS	330,137 MCF	1.00	330,137	1,811,871	5.17
22 AVON PARK	1-2	69	0	0.0	92.74	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
23 BARTOW	1-4	228	0	0.0	74.70	0.0	0 LIGHT O L	0 BBLS		0	0	0.00
24 BAYBORO	1-4	231	0	0.0	94.68	0.0	0 LIGHT O L	0 BBLS		0	68	0.00
25 DEBARY	1-10	785	15	0.0	94.68	0.0	17,635 LIGHT O L	46 BBLS	5.67	261	4,084	27.59
26 HIGGINS	1-4	129	0	0.0	89.11	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	33	0.3	95.12	0.0	17,242 LIGHT O L	98 BBLS	5.81	569	13,029	39.48
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	3	0.6	98.49	0.0	21,667 LIGHT O L	11 BBLS	5.91	65	846	28.20
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	933 BBLS	5.82	5,434	253,391	0.00
33 SOLAR		10	1,071	14.4	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			2,813,217							23,082,458	106,408,076	3.78

Duke Energy Florida
Inventory Analysis

Estimated for the Period of : January through December 2017

		Act	Act	Act	Est	Est	Est	
		Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Subtotal
HEAVY OIL								
1	PURCHASES:							
2	UNITS BBL	0	0	0	0	0	0	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	3,721	3,541	4,619	2,452	3,477	2,629	20,439
15	UNIT COST \$/BBL	177.62	129.66	152.06	145.40	121.64	140.51	145.37
16	AMOUNT \$	660,920	459,135	702,362	356,509	422,941	369,407	2,971,275
17	BURNED:							
18	UNITS BBL	10,769	2,971	8,261	2,452	3,477	2,629	26,092
19	UNIT COST \$/BBL	54.23	88.91	90.19	145.40	121.64	140.51	105.09
20	AMOUNT \$	584,006	264,148	745,051	356,509	422,941	369,407	2,742,062
21	ENDING INVENTORY:							
22	UNITS BBL	932,407	932,977	929,335	929,335	929,335	929,335	
23	UNIT COST \$/BBL	110.16	110.30	110.69	110.69	110.69	110.69	
24	AMOUNT \$	102,716,679	102,911,666	102,868,978	102,868,978	102,868,978	102,868,978	
COAL								
25	PURCHASES:							
26	UNITS TON	351,101	334,976	364,377	313,001	387,289	397,678	2,148,422
27	UNIT COST \$/TON	77.89	81.87	79.47	83.01	82.13	80.28	80.73
28	AMOUNT \$	27,346,866	27,422,887	28,957,803	25,982,893	31,807,415	31,926,457	173,444,321
29	BURNED:							
30	UNITS TON	322,062	289,823	348,295	313,001	387,289	397,678	2,058,148
31	UNIT COST \$/TON	77.20	78.43	80.07	83.01	82.13	80.28	80.27
32	AMOUNT \$	24,862,701	22,731,009	27,887,070	25,982,893	31,807,415	31,926,457	165,197,545
33	ENDING INVENTORY:							
34	UNITS TON	841,605	886,759	902,840	902,840	902,840	902,840	
35	UNIT COST \$/TON	83.53	84.57	84.25	83.01	82.13	80.28	
36	AMOUNT \$	70,298,872	74,990,750	76,061,483	74,946,735	74,148,805	72,481,981	
GAS								
37	BURNED:							
38	UNITS MCF	14,436,031	12,485,166	13,818,932	14,845,957	17,514,369	19,786,556	92,887,011
39	UNIT COST \$/MCF	5.08	4.90	4.47	4.25	4.40	4.23	4.52
40	AMOUNT \$	73,392,104	61,189,574	61,786,914	63,040,607	77,028,431	83,682,541	420,120,171
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
Inventory Analysis

Estimated for the Period of : January through December 2017

		Est	Est	Est	Est	Est	Est		
		Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total	
HEAVY OIL									
1	PURCHASES:								
2	UNITS	BBL	0	0	0	0	0	0	
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	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	2,711	3,350	2,333	1,354	3,220	1,088	34,495
15	UNIT COST	\$/BBL	138.69	125.10	151.69	213.95	128.00	249.47	147.66
16	AMOUNT	\$	375,996	419,083	353,891	289,690	412,171	271,418	5,093,524
17	BURNED:								
18	UNITS	BBL	2,711	3,350	2,333	1,354	3,220	1,088	40,148
19	UNIT COST	\$/BBL	138.69	125.10	151.69	213.95	128.00	249.47	121.16
20	AMOUNT	\$	375,996	419,083	353,891	289,690	412,171	271,418	4,864,311
21	ENDING INVENTORY:								
22	UNITS	BBL	929,335	929,335	929,335	929,335	929,335	929,335	
23	UNIT COST	\$/BBL	110.69	110.69	110.69	110.69	110.69	110.69	
24	AMOUNT	\$	102,868,978	102,868,978	102,868,978	102,868,978	102,868,978	102,868,978	
COAL									
25	PURCHASES:								
26	UNITS	TON	430,651	437,060	414,956	281,665	271,654	375,382	4,359,790
27	UNIT COST	\$/TON	78.51	77.23	75.88	74.93	74.64	71.77	78.17
28	AMOUNT	\$	33,809,575	33,755,040	31,485,468	21,105,427	20,277,421	26,941,799	340,819,051
29	BURNED:								
30	UNITS	TON	430,651	437,060	414,956	281,665	271,654	375,382	4,269,516
31	UNIT COST	\$/TON	78.51	77.23	75.88	74.93	74.64	71.77	77.89
32	AMOUNT	\$	33,809,575	33,755,040	31,485,468	21,105,427	20,277,421	26,941,799	332,572,275
33	ENDING INVENTORY:								
34	UNITS	TON	902,840	902,840	902,840	902,840	902,840	902,840	
35	UNIT COST	\$/TON	78.51	77.23	75.88	74.93	74.64	71.77	
36	AMOUNT	\$	70,880,253	69,728,229	68,504,430	67,650,704	67,391,860	64,798,362	
GAS									
37	BURNED:								
38	UNITS	MCF	21,028,186	21,023,061	19,469,413	17,463,555	14,212,207	14,429,919	200,513,352
39	UNIT COST	\$/MCF	4.24	4.25	4.30	4.98	5.37	5.49	4.61
40	AMOUNT	\$	89,076,470	89,325,842	83,813,821	86,891,337	76,251,871	79,194,859	924,674,371
NUCLEAR									
41	BURNED:								
42	UNITS	MMBTU	0	0	0	0	0	0	0
43	UNIT COST	\$/MMBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	AMOUNT	\$	0	0	0	0	0	0	0

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

(1) MONTH	(2) SOLD TO	(3) TYPE & SCHED	(4) TOTAL MWH SOLD	(5) MWH WHEELED FROM OTHER SYSTEMS	(6) MWH FROM OWN GENERATION	(7) C/KWH		(8) TOTAL \$ FOR FUEL ADJ (6) x (7)(A)	(9) TOTAL COST \$ (6) x (7)(B)	(10) REFUNDABLE GAIN ON POWER SALES \$
						(A) FUEL COST	(B) TOTAL COST			
Jan-17	ECONSALE	--	6,767		6,767	2.691	3.018	182,091	204,252	22,161
Act	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	61,854		61,854	2.714	2.714	1,678,692	1,678,692	0
	TOTAL		68,621		68,621	2.712	2.744	1,860,783	1,882,943	22,161
Feb-17	ECONSALE	--	1,150		1,150	2.107	1.864	24,236	21,433	(2,803)
Act	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	87,217		87,217	1.221	1.221	1,064,556	1,064,556	0
	TOTAL		88,367		88,367	1.232	1.229	1,088,792	1,085,989	(2,803)
Mar-17	ECONSALE	--	1,853		1,853	2.471	3.742	45,787	69,333	23,546
Act	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	92,681		92,681	1.528	1.528	1,415,823	1,415,823	0
	TOTAL		94,534		94,534	1.546	1.571	1,461,610	1,485,156	23,546
Apr-17	ECONSALE	--	4,821		4,821	3.782	4.827	182,356	232,706	50,350
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	--	79,292		79,292	2.349	2.349	1,862,597	1,862,597	0
	TOTAL		84,113		84,113	2.431	2.491	2,044,953	2,095,303	50,350
May-17	ECONSALE	--	10,557		10,557	3.742	4.775	395,040	504,113	109,073
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	--	93,412		93,412	2.392	2.392	2,234,294	2,234,294	0
	TOTAL		103,969		103,969	2.529	2.634	2,629,334	2,738,407	109,073
Jun-17	ECONSALE	--	10,182		10,182	3.906	4.985	397,724	507,538	109,814
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	--	96,169		96,169	2.443	2.443	2,349,816	2,349,816	0
	TOTAL		106,351		106,351	2.583	2.687	2,747,540	2,857,354	109,814
Jan-17	ECONSALE	--	35,329		35,329	3.474	4.357	1,227,234	1,539,374	312,140
THRU	ECONOMY	C	0		0	0.000	0.000	0	0	0
Jun-17	EXCESS GAIN	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	510,625		510,625	2.077	2.077	10,605,778	10,605,778	0
	TOTAL		545,954		545,954	2.167	2.225	11,833,011	12,145,152	312,140

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

(1) MONTH	(2) SOLD TO	(3) TYPE & SCHED	(4) TOTAL MWH SOLD	(5) MWH WHEELED FROM OTHER SYSTEMS	(6) MWH FROM OWN GENERATION	(7) C/KWH		(8) TOTAL \$ FOR FUEL ADJ (6) x (7)(A)	(9) TOTAL COST \$ (6) x (7)(B)	(10) REFUNDABLE GAIN ON POWER SALES \$
						(A) FUEL COST	(B) TOTAL COST			
Jul-17	ECONSALE	--	11,647		11,647	3.871	4.939	450,803	575,272	124,469
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	104,399		104,399	2.500	2.500	2,610,368	2,610,368	0
	TOTAL		116,046		116,046	2.638	2.745	3,061,171	3,185,640	124,469
Aug-17	ECONSALE	--	10,861		10,861	4.459	5.690	484,291	618,007	133,716
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	104,248		104,248	2.528	2.528	2,635,647	2,635,647	0
	TOTAL		115,109		115,109	2.710	2.827	3,119,938	3,253,654	133,716
Sep-17	ECONSALE	--	2,335		2,335	4.561	5.821	106,489	135,891	29,402
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	90,422		90,422	2.494	2.494	2,255,207	2,255,207	0
	TOTAL		92,757		92,757	2.546	2.578	2,361,696	2,391,098	29,402
Oct-17	ECONSALE	--	1,258		1,258	3.272	4.175	41,147	52,507	11,360
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	73,034		73,034	2.535	2.535	1,851,497	1,851,497	0
	TOTAL		74,292		74,292	2.548	2.563	1,892,644	1,904,004	11,360
Nov-17	ECONSALE	--	13,384		13,384	3.624	4.625	485,057	618,984	133,927
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	40,429		40,429	2.649	2.649	1,070,804	1,070,804	0
	TOTAL		53,813		53,813	2.891	3.140	1,555,861	1,689,788	133,927
Dec-17	ECONSALE	--	9,883		9,883	3.019	3.853	298,372	380,754	82,382
Est	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	56,789		56,789	2.660	2.660	1,510,521	1,510,521	0
	TOTAL		66,672		66,672	2.713	2.837	1,808,893	1,891,275	82,382
Jan-17	ECONSALE	--	84,696		84,696	3.652	4.629	3,093,393	3,920,789	827,396
THRU	ECONOMY	C	0		0	0.000	0.000	0	0	0
Dec-17	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	979,946		979,946	2.300	2.300	22,539,822	22,539,822	0
	TOTAL		1,064,642		1,064,642	2.408	2.485	25,633,214	26,460,611	827,396

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

(1) MONTH	(2) NAME OF PURCHASE	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR OTHER UTILITIES	(6) MWH FOR INTERRUPTIBLE	(7) MWH FOR FIRM	(8) C/KWH		(9) TOTAL \$ FOR FUEL ADJ (7) x (8)(B)
							(A) FUEL COST	(B) TOTAL COST	
Jan-17	OTHER	--	0			0	0.000	0.000	-
Act	Osprey (Calpine)	--	33,992			33,992	0.888	0.888	301,837
	SHADY HILLS	--	5			5	4.389	4.389	219
	SOCO Franklin	--	56,398			56,398	3.776	3.776	2,129,598
	SOCO Scherer	--	0			0	0.000	0.000	-
	Vandolah (NSG)	--	2,447			2,447	8.605	8.605	210,562
	TOTAL		92,842	0	0	92,842	2.846	2.846	2,642,216
Feb-17	OTHER	--	0			0	0.000	0.000	-
Act	Osprey (Calpine)	--	0			0	0.000	0.000	5,667
	SHADY HILLS	--	3,004			3,004	9.539	9.539	286,563
	SOCO Franklin	--	43,086			43,086	3.875	3.875	1,669,559
	SOCO Scherer	--	0			0	0.000	0.000	(2,568)
	Vandolah (NSG)	--	8,527			8,527	9.701	9.701	827,164
	TOTAL		54,617	0	0	54,617	5.102	5.102	2,786,384
Mar-17	OTHER	--	0			0	0.000	0.000	-
Act	Osprey (Calpine)	--	0			0	0.000	0.000	-
	SHADY HILLS	--	40,283			40,283	4.250	4.250	1,711,879
	SOCO Franklin	--	129,466			129,466	3.061	3.061	3,962,414
	SOCO Scherer	--	0			0	0.000	0.000	(79,936)
	Vandolah (NSG)	--	66,455			66,455	5.537	5.537	3,679,643
	TOTAL		236,204	0	0	236,204	3.926	3.926	9,274,000
Apr-17	OTHER	--	0			0	0.000	0.000	-
Est	Osprey (Calpine)	--	0			0	0.000	0.000	-
	SHADY HILLS	--	10,233			10,233	4.828	4.828	494,004
	SOCO Franklin	--	101,304			101,304	3.024	3.024	3,063,041
	SOCO Scherer	--	0			0	0.000	0.000	-
	Vandolah (NSG)	--	74,025			74,025	5.285	5.285	3,911,936
	TOTAL		185,561	0	0	185,561	4.025	4.025	7,468,981
May-17	OTHER	--	0			0	0.000	0.000	-
Est	Osprey (Calpine)	--	0			0	0.000	0.000	-
	SHADY HILLS	--	2,981			2,981	5.118	5.118	152,565
	SOCO Franklin	--	115,069			115,069	3.134	3.134	3,606,017
	SOCO Scherer	--	0			0	0.000	0.000	-
	Vandolah (NSG)	--	42,923			42,923	5.710	5.710	2,450,994
	TOTAL		160,973	0	0	160,973	3.858	3.858	6,209,576
Jun-17	OTHER	--	0			0	0.000	0.000	-
Est	Osprey (Calpine)	--	0			0	0.000	0.000	-
	SHADY HILLS	--	12,234			12,234	4.952	4.952	605,825
	SOCO Franklin	--	118,025			118,025	3.118	3.118	3,680,407
	SOCO Scherer	--	0			0	0.000	0.000	-
	Vandolah (NSG)	--	68,538			68,538	5.408	5.408	3,706,764
	TOTAL		198,798	0	0	198,798	4.021	4.021	7,992,996
Jan-17	OTHER	--	0			0	0.000	0.000	-
THRU	Osprey (Calpine)	--	33,992			33,992	0.905	0.905	307,504
Jun-17	SHADY HILLS	--	68,740			68,740	4.730	4.730	3,251,056
	SOCO Franklin	--	563,348			563,348	3.215	3.215	18,111,036
	SOCO Scherer	--	0			0	0.000	0.000	(82,504)
	Vandolah (NSG)	--	262,915			262,915	5.624	5.624	14,787,063
	TOTAL		928,994	0	0	928,994	3.915	3.915	36,374,153

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

(1) MONTH	(2) NAME OF PURCHASE	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR OTHER UTILITIES	(6) MWH FOR INTERRUPTIBLE	(7) MWH FOR FIRM	(8) C/KWH		(9) TOTAL \$ FOR FUEL ADJ (7) x (8)(B)
							(A) FUEL COST	(B) TOTAL COST	
Jul-17	OTHER	--	0			0	0.000	0.000	-
Est	Osprey (Calpine)	--	0			0	0.000	0.000	-
	SHADY HILLS	--	9,559			9,559	4.973	4.973	475,361
	SOCO Franklin	--	140,888			140,888	3.163	3.163	4,456,407
	SOCO Scherer	--	0			0	0.000	0.000	-
	Vandolah (NSG)	--	78,343			78,343	5.412	5.412	4,239,799
	TOTAL		228,789	0	0	228,789	4.009	4.009	9,171,567
Aug-17	OTHER	--	0			0	0.000	0.000	-
Est	Osprey (Calpine)	--	0			0	0.000	0.000	-
	SHADY HILLS	--	16,796			16,796	4.930	4.930	827,948
	SOCO Franklin	--	143,140			143,140	3.180	3.180	4,551,883
	SOCO Scherer	--	0			0	0.000	0.000	-
	Vandolah (NSG)	--	80,497			80,497	5.415	5.415	4,359,261
	TOTAL		240,433	0	0	240,433	4.051	4.051	9,739,092
Sep-17	OTHER	--	0			0	0.000	0.000	-
Est	Osprey (Calpine)	--	0			0	0.000	0.000	-
	SHADY HILLS	--	7,192			7,192	5.000	5.000	359,565
	SOCO Franklin	--	140,428			140,428	3.192	3.192	4,482,258
	SOCO Scherer	--	0			0	0.000	0.000	-
	Vandolah (NSG)	--	60,998			60,998	5.542	5.542	3,380,262
	TOTAL		208,618	0	0	208,618	3.941	3.941	8,222,085
Oct-17	OTHER	--	0			0	0.000	0.000	-
Est	Osprey (Calpine)	--	0			0	0.000	0.000	-
	SHADY HILLS	--	21,556			21,556	5.519	5.519	1,189,713
	SOCO Franklin	--	113,605			113,605	3.182	3.182	3,614,676
	SOCO Scherer	--	0			0	0.000	0.000	-
	Vandolah (NSG)	--	67,308			67,308	6.144	6.144	4,135,121
	TOTAL		202,470	0	0	202,470	4.415	4.415	8,939,510
Nov-17	OTHER	--	0			0	0.000	0.000	-
Est	Osprey (Calpine)	--	0			0	0.000	0.000	-
	SHADY HILLS	--	0			0	0.000	0.000	834
	SOCO Franklin	--	42,613			42,613	3.278	3.278	1,396,732
	SOCO Scherer	--	0			0	0.000	0.000	-
	Vandolah (NSG)	--	8,359			8,359	6.863	6.863	573,705
	TOTAL		50,972	0	0	50,972	3.867	3.867	1,971,271
Dec-17	OTHER	--	0			0	0.000	0.000	-
Est	Osprey (Calpine)	--	0			0	0.000	0.000	-
	SHADY HILLS	--	0			0	0.000	0.000	834
	SOCO Franklin	--	18,152			18,152	3.471	3.471	630,124
	SOCO Scherer	--	0			0	0.000	0.000	-
	Vandolah (NSG)	--	1,433			1,433	10.223	10.223	146,474
	TOTAL		19,585	0	0	19,585	3.970	3.970	777,432
Jan-17	OTHER	--	0			0	0.000	0.000	-
THRU	Osprey (Calpine)	--	33,992			33,992	0.905	0.905	307,504
Dec-17	SHADY HILLS	--	123,842			123,842	4.930	4.930	6,105,311
	SOCO Franklin	--	1,162,174			1,162,174	3.205	3.205	37,243,116
	SOCO Scherer	--	0			0	0.000	0.000	(82,504)
	Vandolah (NSG)	--	559,853			559,853	5.648	5.648	31,621,685
TOTAL			1,879,861	0	0	1,879,861	4.000	4.000	75,195,110

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

(1) MONTH	(2) NAME OF PURCHASE	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR OTHER UTILITIES	(6) MWH FOR INTERRUPTIBLE	(7) MWH FOR FIRM	(8) C/KWH		(9) TOTAL \$ FOR FUEL ADJ (7) x (8)(A)
							(A) ENERGY COST	(B) TOTAL COST	
Jan-17 Act	QUAL. FACILITIES	COGEN	301,021			301,021	4.527	12.513	13,627,016
Feb-17 Act	QUAL. FACILITIES	COGEN	285,360			285,360	4.369	12.608	12,466,965
Mar-17 Act	QUAL. FACILITIES	COGEN	258,994			258,994	4.079	13.165	10,563,523
Apr-17 Est	QUAL. FACILITIES	COGEN	282,323			282,323	4.400	12.892	12,423,394
May-17 Est	QUAL. FACILITIES	COGEN	311,925			311,925	4.413	12.099	13,765,922
Jun-17 Est	QUAL. FACILITIES	COGEN	289,514			289,514	4.527	12.807	13,104,864
Jul-17 Est	QUAL. FACILITIES	COGEN	305,059			305,059	4.538	12.397	13,844,917
Aug-17 Est	QUAL. FACILITIES	COGEN	301,285			301,285	4.554	12.512	13,721,547
Sep-17 Est	QUAL. FACILITIES	COGEN	288,344			288,344	4.524	12.838	13,044,101
Oct-17 Est	QUAL. FACILITIES	COGEN	274,814			274,814	4.459	13.183	12,254,997
Nov-17 Est	QUAL. FACILITIES	COGEN	298,170			298,170	4.227	12.267	12,603,219
Dec-17 Est	QUAL. FACILITIES	COGEN	307,731			307,731	4.335	12.126	13,341,249
TOTAL	QUAL. FACILITIES	COGEN	3,504,539			3,504,539	4.416	12.601	154,761,713

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

(1) MONTH	(2) PURCHASE	(3) TYPE & SCHED	(4) TOTAL MWH PURCHASED	(5) TRANSACTION COST		(6) TOTAL \$ FOR FUEL ADJ (4) x (5)	(7) COST IF GENERATED		(8) FUEL SAVINGS (8)(B) - (7)
				(5) ENERGY COST C/KWH	(6) TOTAL COST C/KWH		(A) C/KWH	(B) \$	
Jan-17	ECONPURCH	--	5,977	3.333	3.333	199,213	3.804	227,356	28,144
Act	SEPA	--	0	0.000	0.000	0	0.000	0	0
TOTAL			5,977	3.333	3.333	199,213	3.804	227,356	28,144
Feb-17	ECONPURCH	--	18,240	2.374	2.374	433,012	2.941	536,419	103,406
Act	SEPA	--	212	3.770	3.770	7,992	3.770	7,992	0
TOTAL			18,452	2.390	2.390	441,004	2.950	544,410	103,406
Mar-17	ECONPURCH	--	41,431	3.419	3.419	1,416,472	4.392	1,819,843	403,372
Act	SEPA	--	1,200	3.857	3.857	46,281	3.857	46,281	0
TOTAL			42,631	3.431	3.431	1,462,753	4.377	1,866,124	403,372
Apr-17	ECONPURCH	--	6,019	4.559	4.559	274,414	5.824	350,525	76,111
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
TOTAL			6,019	4.559	4.559	274,414	5.824	350,525	76,111
May-17	ECONPURCH	--	3,300	5.143	5.143	169,690	6.569	216,760	47,070
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
TOTAL			3,300	5.143	5.143	169,690	6.569	216,760	47,070
Jun-17	ECONPURCH	--	1,956	5.236	5.236	102,408	6.689	130,807	28,399
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
TOTAL			1,956	5.236	5.236	102,408	6.689	130,807	28,399
Jan-17 THRU Jun-17	ECONPURCH	--	76,923	3.374	3.374	2,595,208	4.266	3,281,710	686,502
	SEPA	--	1,412	3.844	3.844	54,273	3.844	54,273	0
TOTAL			78,335	3.382	3.382	2,649,481	4.259	3,335,983	686,502

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

(1) MONTH	(2) PURCHASE	(3) TYPE & SCHED	(4) TOTAL MWH PURCHASED	(5) TRANSACTION COST		(6) TOTAL \$ FOR FUEL ADJ (4) x (5)	(8) COST IF GENERATED		(9) FUEL SAVINGS (8)(B) - (7)
				ENERGY COST C/KWH	TOTAL COST C/KWH		(A) C/KWH	(B) \$	
Jul-17	ECONPURCH	--	3,047	5.321	5.321	162,117	6.797	207,099	44,982
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
TOTAL			3,047	5.321	5.321	162,117	6.797	207,099	44,982
Aug-17	ECONPURCH	--	4,234	6.681	6.681	282,869	8.535	361,340	78,471
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
TOTAL			4,234	6.681	6.681	282,869	8.535	361,340	78,471
Sep-17	ECONPURCH	--	4,468	5.085	5.085	227,210	6.496	290,220	63,010
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
TOTAL			4,468	5.085	5.085	227,210	6.496	290,220	63,010
Oct-17	ECONPURCH	--	7,711	4.975	4.975	383,617	6.355	490,032	106,415
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
TOTAL			7,711	4.975	4.975	383,617	6.355	490,032	106,415
Nov-17	ECONPURCH	--	2,337	4.252	4.252	99,387	5.432	126,960	27,573
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
TOTAL			2,337	4.252	4.252	99,387	5.432	126,960	27,573
Dec-17	ECONPURCH	--	3,269	3.739	3.739	122,245	4.776	156,149	33,904
Est	SEPA	--	0	0.000	0.000	0	0.000	0	0
TOTAL			3,269	3.739	3.739	122,245	4.776	156,149	33,904
Jan-17	ECONPURCH	--	101,989	3.797	3.797	3,872,653	4.818	4,913,510	1,040,857
THRU	SEPA	--	1,412	3.844	3.844	54,273	3.844	54,273	0
Dec-17									
TOTAL			103,401	3.798	3.798	3,926,926	4.804	4,967,783	1,040,857

Duke Energy Florida
Fuel and Purchased Power Cost Recovery Clause
Residential Bill Comparison

	Current	Proposed Midcourse	Difference	
	Apr-2017 (\$/1000 kWh)	Jul 17 - Dec 17 (\$/1000 KWH)	from Current \$	%
Base Rate	60.47	\$60.47	\$0.00	0.00%
Fuel Cost Recovery	33.77	38.47	4.70	13.92%
Capacity Cost Recovery (CCR)	11.38	11.38	0.00	0.00%
Energy Conservation Cost Recovery (ECCR)	3.17	3.17	0.00	0.00%
Environmental Cost Recovery (ECRC)	1.51	1.51	0.00	0.00%
Nuclear CR3 Uprate	1.56	1.56	0.00	0.00%
Nuclear Levy	0.00	0.00	0.00	0.00%
Asset Securitization Charge *	2.45	3.59	1.14	46.53%
Subtotal	114.31	120.15	5.84	5.11%
Gross Receipts Tax	2.93	3.08	0.15	5.12%
Total	\$117.24	\$123.23	\$5.99	5.11%

* The July-December 2017 period includes a revision to the Asset Securitization Charge, which is being filed separately with the Commission in Docket No. 150171-EI, for Staff administrative approval.

Duke Energy Florida
 Calculation of Inverted Residential Fuel Factors

	Annual Units mWh	Levelized Fuel Rate Cents/kwh	Annual Fuel Revenues	Inverted Fuel Rates Cents/kwh	Annual Fuel Revenues
Residential Excluding TOU:					
0 - 1,000 kwh	7,752,295	4.144	\$ 321,255,088	3.847	\$ 298,257,680
Over 1,000 kwh	3,269,710	4.144	135,496,771	4.847	158,494,178
 Total	<u>11,022,004</u>		<u>\$ 456,751,858</u>		<u>\$ 456,751,858</u>
 Rate Differential by Tier - Cents per kWh				1.000	
Residential Sales:					
Total	11,022,566				
Time of Use	562				
Levelized	<u>11,022,004</u>				

DUKE ENERGY FLORIDA, LLC

PETITION FOR MIDCOURSE CORRECTION

ATTACHMENT B - DEF'S RATE SCHEDULE BA-1, SECTION NO. VI, SEVENTY

EIGHTH REVISED SHEET NO. 6.105 (CLEAN AND LEGISLATIVE FORMAT)



**RATE SCHEDULE BA-1
BILLING ADJUSTMENTS**

Applicable:

To the Rate Per Month provision in each of the Company's filed rate schedules which reference the billing adjustments set forth below.

COST RECOVERY FACTORS									
Rate Schedule/Metering Level	Fuel Cost Recovery ⁽¹⁾			ECCR ⁽²⁾		CCR ⁽³⁾		ECRC ⁽⁴⁾	ASC ⁽⁵⁾
	Levelized ¢/ kWh	On-Peak ¢/ kWh	Off-Peak ¢/ kWh	¢/ kWh	\$/ kW	¢/ kWh	\$/ kW	¢/ kWh	¢/ kWh
RS-1, RST-1, RSL-1, RSL-2, RSS-1 (Sec.) < 1000 > 1000	3.847 4.847	5.313	3.568	0.317	-	1.294	-	0.151	0.359
GS-1, GST-1 Secondary Primary Transmission	4.144 4.103 4.061	5.313 5.259 5.206	3.568 3.532 3.497	0.261 0.258 0.256	- - -	1.006 0.996 0.986	- - -	0.147 0.146 0.144	0.269 0.266 0.264
GS-2 (Sec.)	4.144	-	-	0.204	-	0.708	-	0.139	0.192
GSD-1, GSDT-1, SS-1* Secondary Primary Transmission	4.144 4.103 4.061	5.313 5.259 5.206	3.568 3.532 3.497	- - -	0.98 0.97 0.96	- - -	3.67 3.63 3.60	0.144 0.143 0.141	0.246 0.244 0.241
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3* Secondary Primary Transmission	4.144 4.103 4.061	5.313 5.259 5.206	3.568 3.532 3.497	- - -	0.80 0.79 0.78	- - -	2.89 2.86 2.83	0.168 0.166 0.165	0.151 0.149 0.148
IS-1, IST-1, IS-2, IST-2, SS-2* Secondary Primary Transmission	4.144 4.103 4.061	5.313 5.259 5.206	3.568 3.532 3.497	- - -	0.82 0.81 0.80	- - -	2.83 2.80 2.77	0.137 0.136 0.134	0.186 0.184 0.182
LS-1 (Sec.)	3.894	-	-	0.105	-	0.203	-	0.144	0.053
*SS-1, SS-2, SS-3 Monthly Secondary Primary Transmission Daily Secondary Primary Transmission	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	0.096 0.095 0.094 0.046 0.046 0.045	- - - - - - -	0.356 0.352 0.349 0.170 0.168 0.167	- - - - - - -	- - - - - - -
GSLM-1, GSLM-2	See appropriate General Service rate schedule								

(1) Fuel Cost Recovery Factor:

The Fuel Cost Recovery Factors applicable to the Fuel Charge under the Company's various rate schedules are normally determined annually by the Florida Public Service Commission for the billing months of January through December. These factors are designed to recover the costs of fuel and purchased power (other than capacity payments) incurred by the Company to provide electric service to its customers and are adjusted to reflect changes in these costs from one period to the next. Revisions to the Fuel Cost Recovery Factors within the described period may be determined in the event of a significant change in costs.

(2) Energy Conservation Cost Recovery Factor:

The Energy Conservation Cost Recovery (ECCR) Factor applicable to the Energy Charge under the Company's various rate schedules is normally determined annually by the Florida Public Service Commission for twelve-month periods beginning with the billing month of January. This factor is designed to recover the costs incurred by the Company under its approved Energy Conservation Programs and is adjusted to reflect changes in these costs from one period to the next. For time of use demand rates the ECCR charge will be included in the base demand only.

(Continued on Page No. 2)



RATE SCHEDULE BA-1
 BILLING ADJUSTMENTS

Applicable:

To the Rate Per Month provision in each of the Company's filed rate schedules which reference the billing adjustments set forth below.

COST RECOVERY FACTORS									
Rate Schedule/Metering Level	Fuel Cost Recovery ⁽¹⁾			ECCR ⁽²⁾		CCR ⁽³⁾		ECRC ⁽⁴⁾	ASC ⁽⁵⁾
	Levelized ¢/ kWh	On-Peak ¢/ kWh	Off-Peak ¢/ kWh	¢/ kWh	\$/ kW	¢/ kWh	\$/ kW	¢/ kWh	¢/ kWh
RS-1, RST-1, RSL-1, RSL-2, RSS-1 (Sec.) < 1000 > 1000	3.847377 4.847377	5.3134.5 73	3.568245	0.317	-	1.294	-	0.151	0.359245
GS-1, GST-1 Secondary	4.1443.66 7	5.3134.5 73	3.568245	0.261	-	1.006	-	0.147	0.269189
Primary	4.1033.63 0	5.2594.5 27	3.532213	0.258	-	0.996	-	0.146	0.266187
Transmission	4.0613.59 4	5.2064.4 82	3.497181	0.256	-	0.986	-	0.144	0.264185
GS-2 (Sec.)	4.1443.66 7	-	-	0.204	-	0.708	-	0.139	0.192134
GSD-1, GSDT-1, SS-1*									
Secondary	4.1443.66 7	5.3134.5 73	3.568245	-	0.98	-	3.67	0.144	0.246172
Primary	4.1033.63 0	5.2594.5 27	3.532213	-	0.97	-	3.63	0.143	0.244170
Transmission	4.0613.59 4	5.2064.4 82	3.497181	-	0.96	-	3.60	0.141	0.241169
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3*									
Secondary	4.1443.66 7	5.3134.5 73	3.568245	-	0.80	-	2.89	0.168	0.151105
Primary	4.1033.63 0	5.2594.5 27	3.532213	-	0.79	-	2.86	0.166	0.149104
Transmission	4.0613.59 4	5.2064.4 82	3.497181	-	0.78	-	2.83	0.165	0.148103
IS-1, IST-1, IS-2, IST-2, SS-2*									
Secondary	4.1443.66 7	5.3134.5 73	3.568245	-	0.82	-	2.83	0.137	0.186130
Primary	4.1033.63 0	5.2594.5 27	3.532213	-	0.81	-	2.80	0.136	0.184129
Transmission	4.0613.59 4	5.2064.4 82	3.497181	-	0.80	-	2.77	0.134	0.182127
LS-1 (Sec.)	3.894494	-	-	0.105	-	0.203	-	0.144	0.053037
*SS-1, SS-2, SS-3 Monthly									
Secondary	-	-	-	-	0.096	-	0.356	-	-
Primary	-	-	-	-	0.095	-	0.352	-	-
Transmission	-	-	-	-	0.094	-	0.349	-	-
Daily									
Secondary	-	-	-	-	0.046	-	0.170	-	-
Primary	-	-	-	-	0.046	-	0.168	-	-
Transmission	-	-	-	-	0.045	-	0.167	-	-
GSLM-1, GSLM-2	See appropriate General Service rate schedule								

(1) Fuel Cost Recovery Factor:

The Fuel Cost Recovery Factors applicable to the Fuel Charge under the Company's various rate schedules are normally determined annually by the Florida Public Service Commission for the billing months of January through December. These factors are designed to recover the costs of fuel and purchased power (other than capacity payments) incurred by the Company to provide electric service to its



customers and are adjusted to reflect changes in these costs from one period to the next. Revisions to the Fuel Cost Recovery Factors within the described period may be determined in the event of a significant change in costs.

(2) Energy Conservation Cost Recovery Factor:

The Energy Conservation Cost Recovery (ECCR) Factor applicable to the Energy Charge under the Company's various rate schedules is normally determined annually by the Florida Public Service Commission for twelve-month periods beginning with the billing month of January. This factor is designed to recover the costs incurred by the Company under its approved Energy Conservation Programs and is adjusted to reflect changes in these costs from one period to the next. For time of use demand rates the ECCR charge will be included in the base demand only.

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