



Matthew R. Bernier
Associate General Counsel
Duke Energy Florida, LLC.

September 1, 2017

VIA ELECTRONIC FILING

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

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

Dear Ms. Stauffer:

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

- DEF's Petition for Approval of Alternative Fuel and Purchase Power Cost Recovery Factors for the Period of January 2018 through December 2018; and
- Direct Testimony of Christopher A. Menendez and redacted Exhibit No. ____ (CAM-3); and

A Request for Confidential Classification covering the confidential information contained in Exhibit No. ____ (CAM-3) 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
Matthew.Bernier@duke-energy.com

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. 20170001-EI

Filed: September 1, 2017

**PETITION FOR APPROVAL OF ALTERNATIVE FUEL AND PURCHASE POWER
COST RECOVERY FACTORS FOR THE PERIOD
JANUARY 2018 THROUGH DECEMBER 2018**

Duke Energy Florida, LLC (“DEF” or the “Company”) hereby petitions this Commission for approval of its alternative proposed fuel and capacity cost recovery factors for the period January 2018 through December 2018. In support of this Petition, DEF states as follows:

Fuel Cost Recovery Factors

1. DEF’s proposed fuel cost recovery factors are presented in the pre-filed testimony and exhibits of Christopher A. Menendez. Schedule E1, Part 2 of Alternative Exhibit No. ___ (CAM-3) shows the calculation of the Company’s basic fuel cost factor of 4.127 cents/kWh (before metering voltage adjustments). The basic factor consists of a fuel cost for the projection period of 3.8644 cents/kWh (adjusted for jurisdictional losses), a GPIF reward of 0.0072 cents/kWh, and an estimated prior period under-recovery true-up of 0.2524 cents/kWh. Utilizing this basic factor, Schedule E1-D shows the calculation and supporting data for the Company’s final levelized fuel cost factors for service taken at secondary, primary, and transmission metering voltage levels.

2. DEF has included \$97,751,887 of the total 2017 net true-up under-recovery of \$195,503,774 in 2018 rates. Pursuant to the 2017 Second Revised and Restated Stipulation and Settlement Agreement filed on August 29, 2017 in Docket No. 20170183-EI, DEF will recover the total 2017 net true-up of \$195,503,774 over 2018 and 2019.

Capacity Cost Recovery Factors

3. The calculation of DEF's proposed capacity cost recovery ("CCR") factors is shown in Part 3 of Alternative Exhibit No. ____(CAM-3). The proposed CCR factors allocate capacity costs to rate classes in the same manner that they would be allocated if they were recovered in base rates. As shown on Schedule E12-E, the average retail capacity CCR factor, including ISFSI and excluding nuclear costs is 1.084 cents/kWh.

WHEREFORE, Duke Energy Florida, LLC, respectfully requests that the Commission approve the Company's alternative fuel and capacity cost recovery true-ups and alternative proposed fuel and capacity cost recovery factors for the period January 2018 through December 2018 as set forth in the testimony and supporting exhibit of Christopher A. Menendez filed on September 1, 2017.

Respectfully submitted,

s/Matthew R. Bernier

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Duke Energy Florida, LLC
Docket No.: 20170001-EI

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail this 1st day of September, 2017 to all parties of record as indicated below.

s/Matthew R. Bernier

Attorney

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DUKE ENERGY FLORIDA, LLC

DOCKET No. 20170001-EI

**Alternative Fuel and Capacity Cost Recovery Factors
January through December 2018**

**DIRECT TESTIMONY OF
Christopher A. Menendez**

September 1, 2017

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

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

4

5 **Q. Have you previously filed testimony before this Commission in Docket**
6 **No. 20170001-EI?**

7 A. Yes, I provided direct testimony on March 1, 2017, July 27, 2017 and August
8 24, 2017.

9

10 **Q. Have your duties and responsibilities remained the same since your**
11 **testimony was last filed in this docket?**

12 A. Yes.

13

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

15 A. The purpose of my testimony is to present for Commission approval the
16 alternative fuel and capacity cost recovery factors of Duke Energy Florida, LLC
17 (“DEF” or the “Company”) for the period of January through December 2018.

1 The alternative fuel and capacity cost recovery factors include revisions set
2 forth in the 2017 Second Revised and Restated Stipulation and Settlement
3 Agreement (“2017 Agreement”) filed on August 29, 2017 in Docket No.
4 20170183-EI.

5
6 **Q. Do you have an exhibit to your testimony?**

7 A. Yes. I have prepared Alternative Exhibit No.__(CAM-3), consisting of Parts 1, 2
8 and 3. Part 1 contains DEF’s forecast assumptions on fuel costs. Part 2
9 contains fuel cost recovery (FCR) schedules E1 through E10, H1 and the
10 calculation of the inverted residential fuel rate. I have not included the schedule
11 that supports the rate of return applied to capital projects recovered through the
12 fuel clause as DEF is not requesting recovery for any capital projects in this
13 docket. Part 3 contains capacity cost recovery (CCR) schedules.

14
15 **FUEL COST RECOVERY CLAUSE**

16 **Q. Please describe the alternative fuel cost factors calculated by the**
17 **Company for the projection period.**

18 A. Schedule E1 shows the calculation of the Company's jurisdictional fuel cost
19 factor of 4.127 ¢/kWh. This factor consists of a fuel cost for the projection
20 period of 3.8644 ¢/kWh (adjusted for jurisdictional losses), a GPIF reward of
21 0.0072 ¢/kWh, and an estimated prior period under-recovery true-up of 0.2524
22 ¢/kWh. Utilizing this factor, Schedule E1-D shows the calculation and
23 supporting data for the Company's levelized fuel cost factors for service taken
24 at secondary, primary, and transmission metering voltage levels. To perform

1 this calculation, effective jurisdictional sales at the secondary level are
2 calculated by applying 1% and 2% metering reduction factors to primary and
3 transmission sales, respectively (forecasted at meter level). This is consistent
4 with the methodology used in the development of the capacity cost recovery
5 factors.

6
7 Schedule E1-D, lines 11-12 show the Company's proposed tiered rates of
8 3.838 ¢/kWh for the first 1,000 kWh and 4.838 ¢/kWh above 1,000 kWh.
9 These rates are developed in the "Calculation of Inverted Residential Fuel
10 Rates" schedule in Part 2.

11
12 Schedule E1-E develops the Time of Use (TOU) multipliers of 1.236 On-peak
13 and 0.890 Off-peak. The multipliers are then applied to the levelized fuel cost
14 factors for each metering voltage level which results in the final TOU fuel
15 factors to be applied to customer bills during the projection period.

16
17 **Q. What is the total 2017 net true-up?**

18 A: The total net true-up under-recovery for 2017 is \$195,503,774. This amount
19 includes a projected actual/estimated under-recovery for 2017 of
20 \$136,610,259, and final 2016 true-up net under-recovery of \$58,893,515 as
21 included in my Direct Testimony filed on March 1, 2017.

22
23

1 **Q. What amount of the total 2017 net true-up has DEF included in the fuel**
2 **cost recovery factor for 2018?**

3 A. Pursuant to the 2017 Agreement, DEF will recover the total 2017 net true-up
4 over 2018 and 2019. As shown on Line 5 of Schedule E1-A in Exhibit CAM-3,
5 Part 2, DEF has included an under-recovery of \$97,751,887 for recovery in
6 2018 rates.

7
8 **Q. What is the change in the levelized residential fuel factor for the**
9 **projection period from the fuel factor currently in effect?**

10 A. The projected levelized residential fuel factor for 2018 of 4.132 ¢/kWh is an
11 increase of 0.465 ¢/kWh or 13% from the 2017 levelized residential fuel factor
12 of 3.667 ¢/kWh.

13
14 **Q. Please explain the increase in the 2018 fuel factor compared with the**
15 **2017 fuel factor.**

16 A. The primary drivers of the increase in the 2018 fuel factor is the increase in
17 prior period true-up amount, and increase in projected natural gas costs. The
18 2017 fuel factor included a \$26 million under-recovery, whereas the 2018 fuel
19 factor includes a \$98 million under-recovery; this results in a net change of
20 approximately \$72 million or 0.186 ¢/kWh. Projected natural gas costs in 2018
21 are approximately \$102 million or 0.263 ¢/kWh higher than 2017.

22
23

1 **Q. Have you made any adjustments to your estimated fuel costs for the**
2 **period January through December 2018?**

3 A. No, DEF has made no adjustments for 2018.
4

5 **Q. Is DEF proposing to continue the tiered rate structure for residential**
6 **customers?**

7 A. Yes. DEF is proposing to continue use of the inverted rate design for
8 residential fuel factors to encourage energy efficiency and conservation.
9 Specifically, the Company proposes to continue a two-tiered fuel charge
10 whereby the charge for a customer's monthly usage in excess of 1,000 kWh
11 (second tier) is priced one cent per kWh higher than the charge for the
12 customer's usage up to 1,000 kWh (first tier). The 1,000 kWh price change
13 breakpoint is reasonable in that approximately 71% of all residential energy is
14 consumed in the first tier and 29% of all energy is consumed in the second tier.
15 The Company believes the one cent higher per unit price, targeted at the
16 second tier of the residential class' energy consumption, will promote energy
17 efficiency and conservation. This inverted rate design was incorporated in the
18 Company's base rates approved in Order No. PSC-2002-0655-AS-EI.
19

20 **Q. How was the inverted fuel rate calculated?**

21 A. I have included a page in Part 2 of my exhibit that shows the calculation of the
22 fuel cost factors for the two tiers of the residential rate. The two factors are
23 calculated on a revenue neutral basis so that the Company will recover the
24 same fuel costs as it would under the traditional levelized approach. The two-

1 tiered factors are determined by first calculating the amount of revenues that
2 would be generated by the overall levelized residential factor of 4.132 ¢/kWh
3 shown on Schedule E1-D. The two factors are then calculated by allocating
4 the total revenues to the two tiers for residential customers based on the total
5 annual energy usage for each tier.
6

7 **Q. How do DEF's projected gains on non-separated wholesale energy sales**
8 **for 2018 compare to the incentive benchmark?**

9 A. The total gain on non-separated sales for 2018 is estimated to be \$983,516
10 which is below the benchmark of \$1,771,110. 100% of gains below the
11 benchmark and 80% of gains above the benchmark will be distributed to
12 customers based on the sharing mechanism approved by the Commission in
13 Order No. PSC-2000-1744-PAA-EI. Therefore, since the total gain on non-
14 separated sales was below the benchmark, none of the gains will be retained
15 for shareholders. The benchmark was calculated based on the average of
16 actual gains for 2015 and 2016 of \$3,720,655 and \$843,842, respectively, and
17 estimated gains for 2017 of \$748,832 in accordance with Order No. PSC-2000-
18 1744-PAA-EI.
19

20 **Q. Please explain the entry on Schedule E1, line 12, "Fuel Cost of Stratified**
21 **Sales."**

22 A. DEF has several wholesale contracts with SECI. One contract provides for the
23 sale of supplemental energy to supply the portion of their load in excess of
24 SECI's own resources. The fuel costs charged to SECI for supplemental sales

1 are calculated on a "stratified" basis in a manner which recovers the higher
2 cost of intermediate/peaking generation used to provide the energy. There are
3 other contracts with SECI, Reedy Creek and the City of Homestead for fixed
4 amounts of base, intermediate, peaking and plant-specific capacity. DEF is
5 crediting average fuel cost of the appropriate strata in accordance with Order
6 No. PSC-1997-0262-FOF-EI. The fuel costs of wholesale sales are normally
7 included in the total cost of fuel and net power transactions used to calculate
8 the average system cost per kWh for fuel adjustment purposes. However,
9 since the fuel costs of the stratified and plant-specific sales are not recovered
10 on an average system cost basis, an adjustment has been made to remove
11 these costs and the related kWh sales from the fuel adjustment calculation in
12 the same manner that interchange sales are removed from the calculation.

13
14 **Q. Please give a brief overview of the procedure used in developing the**
15 **projected fuel cost data from which the Company's fuel cost recovery**
16 **factor was calculated.**

17 A. The process begins with a fuel price forecast and a system sales forecast.
18 These forecasts are input into the Company's production cost simulation model
19 along with purchased power information, generating unit operating
20 characteristics, maintenance schedules, incremental delivered fuel prices and
21 other pertinent data. The model then computes system fuel consumption and
22 fuel and purchased power costs. This information is the basis for the
23 calculation of the Company's fuel cost factors and supporting schedules.

24

1 **Q. What is the source of the system sales forecast?**

2 A. System sales are forecasted by the DEF Load and Fundamentals Forecasting
3 Department using a sales-weighted 30-year average of weather conditions at
4 the St. Petersburg, Orlando and Tallahassee weather stations, population
5 projections from the Bureau of Economic and Business Research at the
6 University of Florida, and economic assumptions from Moody's Analytics.

7
8 **Q. What is the source of the Company's fuel price forecast?**

9 A. The fuel price forecasts are based on a combination of third party forecasts as
10 well as hedges and/or forward contracts currently in place. Additional details
11 and forecast assumptions are provided in Part 1 of my exhibit.

12
13 **Q. Are current fuel prices the same as those used in the development of the
14 projected fuel factor?**

15 A. No. Fuel prices can change significantly from day to day. Consistent with past
16 practices, DEF will continue to monitor fuel prices and update the projection
17 filing prior to the October hearing if changes in fuel prices warrant such an
18 update.

19
20 **Q. Is the revised 2016 GPIF reward discussed in the August 24, 2017 direct
21 testimony of Matt J. Jones included in 2018 rates?**

22 A. Yes. The revised GPIF reward of \$2,793,216 is included on Schedule E1 of
23 Alternative Exhibit CAM-3, Part 2, Line 26.

24

1 **CAPACITY COST RECOVERY CLAUSE**

2 **Q. Please explain the schedules that are included in Alternative**
3 **Exhibit__(CAM-3) Part 3.**

4 A. The following schedules are included in my exhibit:

5 Schedule E12-A – Calculation of Projected Capacity Costs – Year 2018

6 Page 1 of Schedule E12-A includes estimated 2018 calendar year system
7 capacity payments to qualifying facilities (QF) and other power suppliers, as
8 well as recovery of nuclear costs pursuant to Rule 25-6.0423, F.A.C. The retail
9 portion of the capacity payments is calculated using separation factors
10 consistent with DEF’s 2013 RRSSA approved in Order No. PSC-2013-0598-
11 FOF-EI, which were carried over unchanged into the 2017 Agreement.

12
13 The revenue requirements for the CR3 Uprate Project are as stipulated by DEF
14 and the intervener parties and approved by bench vote of the FPSC on August
15 15, 2017, in Docket 20170009-EI. The recovery of estimated Dry Cask
16 Storage costs, also referred to as Independent Spent Fuel Storage Installation
17 (“ISFSI”) costs, are included on line 37 of Schedule E12-A, page 1. Schedule
18 E12-A, page 2, provides dates and MWs associated with the QF and purchase
19 power contracts.

20
21 Pursuant to the 2017 Agreement, DEF has removed all Levy costs from the
22 Alternative 2018 Capacity Clause Projection Filing and has not included any
23 Levy costs in the calculation of 2018 rates.

24

1 Schedule E12-B – Calculation of Estimated/Actual True-Up - Year 2017

2 Schedule E12-B, which is also included in Exhibit ____(CAM-2) to my direct
3 testimony filed on July 27, 2017 in the 2017 actual/estimated true-up filing,
4 calculates the estimated true-up capacity under-recovered balance for calendar
5 year 2017 of \$5,121,339. This balance is carried forward to Schedule E12-A,
6 line 30 to be collected from customers from January through December 2018.

7
8 Schedule E12-D – Calculation of Energy and Demand Percent by Rate Class

9 Schedule E12-D is the calculation of the 12CP and 1/13 average demand
10 allocators for each rate class. Schedule E12-D also includes the uniform
11 percentage calculation and allocation of the ISFSI revenue requirement to the
12 rate classes.

13
14 Schedule E12-E – Calculation of Capacity Cost Recovery Factors by Rate
15 Class

16 Schedule E12-E calculates the CCR factors for capacity and CR3 Uprate costs
17 for each rate class based on the 12CP and 1/13 annual average demand
18 allocators from Schedule E12-D. The factors for capacity and CR3 Uprate for
19 the Residential, General Service Non-Demand, General Service (GS-2), and
20 Lighting secondary delivery rate class in cents per kWh are calculated by
21 multiplying total recoverable jurisdictional capacity (including revenue taxes)
22 from Schedule E12-A by the class demand allocation factor, and then dividing
23 by estimated effective sales at the secondary metering level. The factor for
24 ISFSI Dry Cask Storage in cents per kWh is calculated by dividing recoverable

1 costs allocated on Schedule E12-D by estimated effective sales at the
2 secondary metering level. The factors for primary and transmission rate
3 classes reflect the application of metering reduction factors of 1% and 2% from
4 the secondary factor. The factors allocate capacity and CR3 Uprate costs to
5 rate classes in the same manner in which they would be allocated if they were
6 recovered in base rates. ISFSI costs are allocated to rate classes by applying
7 a uniform percent increase as approved in Order No. PSC-2016-0425-PAA-EI.

8
9 Pursuant to the 2013 RRSSA and carried over in the 2017 Agreement, DEF
10 has prepared the billing rates for the demand (General Service Demand,
11 Curtailable, and Interruptible) rate classes to be on a kilo-watt (kW) rather than
12 a kilo-watt-hour (kWh) basis. These changes are reflected in columns 13 – 16.

13
14 **Q. Has DEF used the most recent load research information in the**
15 **development of its capacity cost allocation factors?**

16 A. Yes. The 12CP load factor relationships from DEF's most recent load research
17 conducted for the period April 2014 through March 2015 are incorporated into
18 the capacity cost allocation factors. This information is included in DEF's Load
19 Research Report filed with the Commission on July 31, 2015.

20
21 **Q. What is the 2018 projected average retail CCR factor?**

22 A. The 2018 average retail CCR factor is 1.212 ¢/kWh, made up of capacity of
23 1.060 ¢/kWh, ISFSI of 0.024 ¢/kWh and CR3 Uprate costs of 0.128 ¢/kWh.

24

1 **Q. Please explain the change in the CCR factor for the projection period**
2 **compared to the CCR factor currently in effect.**

3 A. The total projected average retail CCR factor of 1.212 ¢/kWh is 0.118 ¢/kWh,
4 or 11%, higher than the 2017 factor of 1.094 ¢/kWh, approved in Order No.
5 PSC-2016-0547-FOF-EI. This increase is primarily attributable to the difference
6 in prior-period true-up balance.

7
8 **Q. Does this conclude your testimony?**

9 A. Yes.

DUKE ENERGY FLORIDA, LLC
Fuel and Capacity Cost Recovery Factor
January through December 2018

PART 1 – 2018 FUEL PRICE FORECAST ASSUMPTIONS

Projected Market Price by Fuel Type

PROJECTED MARKET PRICE BY FUEL TYPE

Month	Light Oil		Coal Crystal River 1 & 2		Coal Crystal River 4 & 5		Natural Gas
	\$/barrel	\$/mmbtu	\$/ton	\$/mmbtu	\$/ton	\$/mmbtu	\$/mmbtu
Jan 2018	60.15	10.38	92.61	4.08	65.80	2.83	3.34
Feb 2018	60.83	10.49	92.61	4.08	65.59	2.83	3.28
Mar 2018	60.84	10.50	92.63	4.08	65.62	2.83	2.88
Apr 2018	60.97	10.52	93.02	4.06	65.52	2.83	2.85
May 2018	61.13	10.55	93.31	4.05	65.35	2.82	2.88
Jun 2018	61.37	10.59	93.51	4.04	65.23	2.82	2.90
Jul 2018	61.73	10.65	93.78	4.04	65.17	2.82	2.91
Aug 2018	61.99	10.70	93.96	4.04	65.10	2.81	2.89
Sep 2018	62.29	10.75	93.96	4.04	65.11	2.81	2.90
Oct 2018	62.08	10.71	93.96	4.04	65.19	2.82	2.95
Nov 2018	61.82	10.67	93.96	4.04	65.28	2.82	3.08
Dec 2018	61.74	10.65	93.96	4.04	65.55	2.83	3.17
Average	61.41	10.60	93.44	4.05	65.38	2.82	3.00

Light Oil: The above base market oil price forecasts are the NYMEX forwards. Oil prices projected within the fuel forecast are based on expected contract structures and specifications, and incorporate current hedge positions and transportation costs.

Coal: Coal price projections are based on the current coal supply, transportation agreements, and forecasted deliveries. It assumes environmental restrictions on coal quality remain in effect as per current permits: 2.1 lbs. per million BTU sulfur dioxide limit for Crystal River Units 1 and 2. Crystal River 4 and 5 have operating scrubbers which allow for consideration of higher sulfur coal.

Natural Gas: The base market natural gas price forecast is the NYMEX Henry Hub forwards. This table includes natural gas market commodity prices only; however, the fuel forecast incorporates hedges and transportation costs. Forecast prices are based on expected contract specifications and incorporate current hedge positions. Firm transportation costs for Florida Gas Transmission, Gulfstream and Sabal Trail pipelines are based on expected tariff rates and/or negotiated rates. Interruptible transportation rates and availability are based on expected tariff rates and market conditions.

DUKE ENERGY FLORIDA, LLC
Fuel Cost Recovery
January through December 2018

PART 2 - 2018 FUEL COST RECOVERY SCHEDULES

- Schedule E1 – Fuel Cost Recovery Clause Calculation
 - Schedule E1-A – Calculation of Total True-up
 - Schedule E1-B – Calculation of Prior Year Estimated True-up
 - Schedule E1-C – Calculation of GPIF & True-up Factors
 - Schedule E1-D – Calculation of Levelized Fuel Adjustment Factors
 - Schedule E1-E – Calculation of Factors for Metering Voltage and Time of Use
 - Schedule E1-F – Calculation of Jurisdictional Delivery Loss Multipliers
 - 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
 - Schedule E10 – Residential Bill Comparison
 - Calculation of Inverted Residential Fuel Rate
 - Schedule H1 – Generating System Comparative Data
-

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

	<u>DOLLARS</u>	<u>mWh</u>	<u>CENTS/KWH</u>
1. Fuel Cost of System Net Generation (E3)	1,306,363,114	37,753,407	3.4603
2. Coal Car Investment	0	0	0.0000
3. Adjustment to Fuel Cost	0	0	0.0000
4. TOTAL COST OF GENERATED POWER	1,306,363,114	37,753,407	3.4603
5. Energy Cost of Purchased Power (Excl. Econ & Cogens) (E7)	62,109,541	1,522,750	4.0788
6. Energy Cost of Economy Purchases (E9)	1,555,930	32,872	4.7333
7. Payments to Qualifying Facilities (E8)	159,724,948	3,645,241	4.3817
8. TOTAL COST OF PURCHASED POWER	223,390,419	5,200,863	4.2953
9. TOTAL AVAILABLE mWh		42,954,270	
10. Fuel Cost of Economy Sales (E6)	(4,084,821)	(108,878)	3.7517
10a. Gain on Economy Sales (E6)	(983,516)	(108,878) *	0.9033
11. Fuel Cost of Stratified Sales (E6)	(21,749,236)	(1,364,879)	1.5935
12. TOTAL FUEL COST AND GAINS ON POWER SALES	(26,817,573)	(1,473,757)	1.8197
13. Net Inadvertent Interchange			
14. TOTAL FUEL AND NET POWER TRANSACTIONS	1,502,935,960	41,480,513	3.6232
15. Net Unbilled	(1,088,210) *	30,034	(0.0028)
16. Company Use	6,004,930 *	(165,734)	0.0154
17. T & D Losses	87,323,447 *	(2,410,097)	0.2243
18. Adjusted System Sales	1,502,935,960	38,934,716	3.8601
19. Wholesale Sales (Excluding Supplemental Sales)	(8,182,514)	(211,532)	3.8682
20. Jurisdictional Sales	1,494,753,447	38,723,184	3.8601
21. Jurisdictional Sales Adjusted for Line Losses x 1.00112	1,496,427,570	38,723,184	3.8644
22. Prior Period True-Up (Sch E1-A)	97,751,887	38,723,184	0.2524
23. Total Jurisdictional Fuel Cost	1,594,179,457	38,723,184	4.1169
24. Revenue Tax Factor	1,147,809		1.0007
25. Fuel Cost Adjusted for Taxes	1,595,327,266	38,723,184	4.1198
26. GPIF **	2,793,216	38,723,184	0.0072
27. Fuel Factor Adjusted for taxes including GPIF	1,598,120,482	38,723,184	4.1270
28. Total Fuel Cost Factor (rounded to the nearest .001 cents/ KWH)			4.127

* For Informational Purposes Only

** Based on Jurisdictional Sales

Duke Energy Florida, LLC
Calculation of Total True-Up
(Projected Period)
Estimated for the Period of : January through December 2018

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)	\$	26,217,660
3. Estimated Over/(Under) Recovery January - December 2017 (Schedule E1-B, Page 2 of 2, Section C, Lines 8 and 12 - Dec '17)	\$	<u>(136,610,259)</u>
4. Total Over/(Under) Recovery (Lines 1 through 3)	\$	(195,503,774)
5. Total Over/(Under) Recovery to be Included in the January - December 2018 Projected Period (Line 4 / 2)	\$	(97,751,887)
6. Jurisdictional mWh Sales (Projected Period)	mWh	38,723,184
7. True-Up Factor (Line 5 / Line 6)	Cents/kWh	0.252

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

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

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

Estimated for the Period of : January through December 2017

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

Duke Energy Florida, LLC
Calculation of Generating Performance Incentive
And True-Up Adjustment Factors
Estimated for the Period of : January through December 2018

1. TOTAL AMOUNT OF ADJUSTMENTS:

A. Generating Performance Incentive Reward / (Penalty)	\$	2,793,216
B. True-Up (Over) / Under Recovery	\$	97,751,887

2. JURISDICTIONAL mWh SALES	mWh	38,723,184
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3. ADJUSTMENT FACTORS:

A. Generating Performance Incentive Factor	Cents/kWh	0.007
B. True-Up Factor	Cents/kWh	0.252

Duke Energy Florida, LLC
Calculation of Levelized Fuel Adjustment Factors
Estimated for the Period of : January through December 2018

1. Period Jurisdictional Fuel Cost (Schedule E-1, line 21)	\$	1,496,427,570
1a. Prior Period True-up (E1, Line 22)	\$	97,751,887
2. Regulatory Assessment Fee (E1, Line 24)	\$	1,147,809
3. Generating Performance Incentive Factor (GPIF) (E1, Line 26)	\$	2,793,216
4. Total Amount to be Recovered	\$	<u>1,598,120,482</u>
5. Jurisdictional Sales (January - December 2018)		38,723,184 mWh
6. Jurisdictional Cost per kWh Sold (Line 4 / Line 5 / 10)		4.127 Cents/kWh
7. Effective Jurisdictional Sales (See Below)		38,676,698 mWh

LEVELIZED FUEL FACTORS:

8. Fuel Factor at Secondary Metering (Line 4 / Line 7 / 10)	4.132 Cents/kWh
9. Fuel Factor at Primary Metering	4.091 Cents/kWh
10. Fuel Factor at Transmission Metering	4.049 Cents/kWh

TIERED FUEL FACTORS:

11. Fuel Factor - First Tier (0-1000 kWh)	3.838	Cents/kWh
12. Fuel Factor - Second Tier (Over 1000 kWh)	4.838	Cents/kWh

<u>METERING VOLTAGE:</u>	<u>JURISDICTIONAL SALES (mWh)</u>	
	<u>METER</u>	<u>SECONDARY</u>
Distribution Secondary	34,405,497	34,405,497
Distribution Primary	3,986,736	3,946,868
Transmission	330,951	324,332
Total	<u>38,723,184</u>	<u>38,676,698</u>

Duke Energy Florida, LLC
 Calculation of Final Fuel Cost Factors
 Estimated for the Period of : January through December 2018

Line:	Metering Voltage	-----Time of Use-----				
		First Tier Factor Cents/kWh	Second Tier Factor Cents/kWh	Levelized Factors Cents/kWh	On-Peak Multiplier 1.236	Off-Peak Multiplier 0.890
1.	Distribution Secondary	3.838	4.838	4.132	5.107	3.677
2.	Distribution Primary	--	--	4.091	5.056	3.641
3.	Transmission	--	--	4.049	5.005	3.604
4.	Lighting Service	--	--	3.945	--	--

Line 4 calculated at secondary rate of 4.132 * (18.7% * On-Peak Multiplier 1.236 + 81.3% * Off-Peak Multiplier 0.89).

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-18	1,826,716	61,354,837	3.359	4,650,850	116,950,834	2.515	6,477,566	178,305,671	2.753
Feb-18	1,533,483	50,612,734	3.301	4,046,187	103,045,067	2.547	5,579,670	153,657,801	2.754
Mar-18	1,551,665	53,023,149	3.417	4,494,712	145,837,232	3.245	6,046,377	198,860,381	3.289
Apr-18	2,076,968	74,523,473	3.588	4,129,356	103,224,832	2.500	6,206,323	177,748,305	2.864
May-18	2,755,153	102,358,891	3.715	4,773,987	115,015,304	2.409	7,529,140	217,374,194	2.887
Jun-18	2,772,238	106,380,869	3.837	5,313,630	136,868,257	2.576	8,085,868	243,249,126	3.008
Jul-18	2,942,882	116,102,811	3.945	5,628,387	145,250,188	2.581	8,571,270	261,352,998	3.049
Aug-18	3,070,287	113,466,103	3.696	5,568,532	140,498,697	2.523	8,638,819	253,964,800	2.940
Sep-18	2,641,007	94,955,033	3.595	5,424,082	132,919,841	2.451	8,065,089	227,874,874	2.825
Oct-18	2,519,923	83,957,771	3.332	4,466,853	102,791,430	2.301	6,986,776	186,749,201	2.673
Nov-18	1,564,189	42,703,306	2.730	4,349,834	108,207,389	2.488	5,914,022	150,910,695	2.552
Dec-18	1,643,279	44,890,767	2.732	4,736,114	104,825,173	2.213	6,379,393	149,715,941	2.347
TOTAL	26,897,790	944,329,743	3.511	57,582,524	1,455,434,245	2.528	84,480,314	2,399,763,988	2.841

MARGINAL FUEL COST
 WEIGHTING MULTIPLIER

ON-PEAK
 1.236

OFF-PEAK
 0.890

AVERAGE
 1.000

Duke Energy Florida, LLC
Development of Jurisdictional Delivery Loss Multipliers
Based on Actual Twelve Months Ending December 31, 2016
Estimated for the Period of : January through December 2018

	Energy Delivered @ Billing Level			% of Total	Delivery Efficiency	Energy Required @ Source Level	% of Total	Jurisdictional Loss Multiplier
	Billed mWh	Unbilled mWh	Total mWh					
Retail								
Transmission	320,414	(2,123)	318,291		0.9837076	323,563		
Distribution Primary	3,915,568	(25,945)	3,889,623		0.9737076	3,994,652		
Distribution Secondary	34,537,979	(228,843)	34,309,136		0.9373898	36,600,714		
Total Retail	38,773,961	(256,911)	38,517,050	98.06%	0.9413015 5.87%	40,918,928	98.17%	1.00112
Wholesale								
Generation Level	734,421	-	734,421		1.0000000	734,421		
Transmission	-	-	-		0.9837076	-		
Distribution Primary	28,623	-	28,623		0.9737076	29,396		
Distribution Secondary	-	-	-			-		
Total Wholesale	763,044	-	763,044	1.94%	0.9989881 0.10%	763,817	1.83%	0.94331
Subtotal Class	39,537,005	(256,911)	39,280,094	100.00%	0.9423586 5.76%	41,682,745	100.00%	1.00000
Non-Class								
SEPA	Transmission	69,030	-	69,030		0.9837076	70,174	
Homestead Base & Int	Generation	91,151	-	91,151		1.0000000	91,151	
SECI - Base	Generation	152,727	-	152,727		1.0000000	152,727	
Reedy Creek Base & Int	Generation	612,095	-	612,095		1.0000000	612,095	
NSB - Peaking	Generation	4,264	-	4,264		1.0000000	4,264	
SECI - Intermediate	Generation	108,345	-	108,345		1.0000000	108,345	
SECI - Peaking	Generation	2,826	-	2,826		1.0000000	2,826	
Interchange	Generation	62,966	-	62,966		1.0000000	62,966	
Company Use	Secondary	155,159	-	155,159		0.9373898	165,522	
Total Non-Class		1,258,563	-	1,258,563			1,270,070	
Total System		40,795,568	(256,911)	40,538,657		0.943795	42,952,815	

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

		Estimated Jan-18	Estimated Feb-18	Estimated Mar-18	Estimated Apr-18	Estimated May-18	Estimated 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	\$106,629,264	\$94,795,551	\$101,752,841	\$98,872,100	\$115,966,728	\$119,392,235	\$126,493,829	\$128,431,148	\$118,556,065	\$104,998,417	\$93,635,542	\$96,839,394	\$1,306,363,114
1a	Nuclear Fuel Disposal Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
1b	Adjustments to Fuel Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Fuel Cost of Power Sold	(481,858)	(302,740)	(53,111)	(366,759)	(308,745)	(241,913)	(289,749)	(629,894)	(261,602)	(250,723)	(500,934)	(396,793)	(4,084,821)
2a	Gains on Power Sales	(116,019)	(72,892)	(12,787)	(88,306)	(74,337)	(58,246)	(69,763)	(151,661)	(62,987)	(60,368)	(120,613)	(95,537)	(983,516)
2b	Fuel Cost of Stratified Sales	(1,578,077)	(980,672)	(1,744,660)	(1,859,815)	(2,166,954)	(2,253,954)	(2,481,565)	(2,495,298)	(2,113,806)	(1,699,577)	(983,014)	(1,391,844)	(21,749,236)
3	Fuel Cost of Purchased Power (Excl Economy)	2,568,575	909,301	9,406,303	5,203,120	7,196,141	10,632,688	9,402,612	6,835,982	4,386,303	3,441,317	1,833,996	293,203	62,109,541
3a	Energy Payments to Qualifying Facilities	13,616,143	12,308,920	12,592,884	12,112,794	13,834,004	14,167,384	14,560,967	14,546,596	13,830,949	12,093,665	11,849,985	14,210,657	159,724,948
4	Energy Cost of Economy Purchases	125,077	108,678	236,699	101,474	101,006	111,435	155,677	70,424	130,775	150,082	194,991	69,612	1,555,930
5	Total System Fuel & Net Power Transactions	\$120,763,105	\$106,766,146	\$122,178,169	\$113,974,608	\$134,547,843	\$141,749,629	\$147,772,008	\$146,607,297	\$134,465,697	\$118,672,813	\$105,909,953	\$109,528,692	\$1,502,935,960
6	Jurisdictional mWh Sold	2,972,586	2,787,089	2,657,930	2,708,796	2,981,063	3,560,461	3,788,605	3,968,574	3,893,979	3,544,639	3,017,391	2,842,070	38,723,184
7	Jurisdictional % of Total Sales	99.37%	99.55%	99.56%	99.50%	99.41%	99.43%	99.41%	99.39%	99.46%	99.49%	99.57%	99.38%	99.46%
8	Jurisdictional Fuel & Net Power Transactions	120,002,298	106,285,698	121,640,585	113,404,735	133,754,010	140,941,656	146,900,154	145,712,992	133,739,582	118,067,582	105,454,540	108,849,614	1,494,753,447
9	Jurisdictional Loss Multiplier	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112
10	Jurisdictional Fuel & Net Power Transactions	120,136,700	106,404,738	121,776,823	113,531,748	133,903,815	141,099,511	147,064,682	145,876,191	133,889,370	118,199,817	105,572,649	108,971,526	1,496,427,570
11	Adjusted System Sales	mWh 2,991,291	2,799,646	2,669,582	2,722,516	2,998,881	3,580,801	3,810,973	3,992,914	3,915,290	3,562,732	3,030,411	2,859,678	38,934,716
12	System Cost per kWh Sold	c/kWh 4.0371	3.8136	4.5766	4.1864	4.4866	3.9587	3.8775	3.6717	3.4344	3.3309	3.4949	3.8301	3.8601
13	Jurisdictional Loss Multiplier	x 1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112	1.00112
14	Jurisdictional Cost per kWh Sold	c/kWh 4.0415	3.8178	4.5816	4.1912	4.4918	3.9630	3.8818	3.6758	3.4384	3.3346	3.4988	3.8342	3.8644
15	Prior Period True-Up	+ 0.2740	0.2923	0.3065	0.3007	0.2733	0.2288	0.2150	0.2053	0.2092	0.2298	0.2700	0.2866	0.2524
16	Total Jurisdictional Fuel Expense	c/kWh 4.3155	4.1101	4.8881	4.4919	4.7651	4.1917	4.0968	3.8810	3.6476	3.5644	3.7688	4.1209	4.1169
17	Revenue Tax Multiplier	x 1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072
18	Recovery Factor Adjusted for Taxes	c/kWh 4.3186	4.1130	4.8916	4.4952	4.7685	4.1948	4.0997	3.8838	3.6502	3.5670	3.7715	4.1238	4.1198
19	GPIF	+ 0.0078	0.0084	0.0088	0.0086	0.0078	0.0065	0.0061	0.0059	0.0060	0.0066	0.0077	0.0082	0.0072
20	Total Recovery Factor (rounded .001)	c/kWh 4.326	4.121	4.900	4.504	4.776	4.201	4.106	3.890	3.656	3.574	3.779	4.132	4.127

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

	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	288,618	244,196	245,658	283,157	256,492	213,812	1,531,933
3 COAL	26,305,549	22,667,105	25,386,689	25,089,658	27,754,301	28,545,119	155,748,421
4 GAS	80,035,097	71,884,250	76,120,494	73,499,285	87,955,935	90,633,304	480,128,365
5 NUCLEAR	0	0	0	0	0	0	0
6 OTHER	0	0	0	0	0	0	0
7 TOTAL \$	106,629,264	94,795,551	101,752,841	98,872,100	115,966,728	119,392,235	637,408,719
SYSTEM NET GENERATION (MWH)							
8 HEAVY OIL	0	0	0	0	0	0	0
9 LIGHT OIL	153	21	9	3	4	24	214
10 COAL	893,313	754,693	732,615	767,124	855,338	885,578	4,888,661
11 GAS	2,008,388	1,769,836	1,842,076	2,023,336	2,520,279	2,647,463	12,811,378
12 NUCLEAR	0	0	0	0	0	0	0
13 SOLAR	2,634	2,185	3,244	3,275	3,202	2,886	17,426
14 OTHER	0	0	0	0	0	0	0
15 TOTAL MWH	2,904,488	2,526,735	2,577,945	2,793,738	3,378,822	3,535,951	17,717,678
UNITS OF FUEL BURNED							
16 HEAVY OIL BBL	0	0	0	0	0	0	0
17 LIGHT OIL BBL	3,323	2,582	2,602	3,191	2,762	2,082	16,542
18 COAL TON	393,402	335,158	344,891	357,452	398,208	410,601	2,239,712
19 GAS MCF	14,938,181	13,150,067	14,308,985	15,421,635	19,265,554	20,638,272	97,722,694
20 NUCLEAR MMBTU	0	0	0	0	0	0	0
21 OTHER	0	0	0	0	0	0	0
BTUS BURNED (MMBTU)							
22 HEAVY OIL	0	0	0	0	0	0	0
23 LIGHT OIL	19,356	15,038	15,163	18,589	16,093	12,130	96,369
24 COAL	9,126,927	7,764,054	7,952,165	8,268,691	9,216,292	9,505,428	51,833,557
25 GAS	14,938,181	13,150,067	14,308,985	15,421,635	19,265,554	20,638,272	97,722,694
26 NUCLEAR	0	0	0	0	0	0	0
27 OTHER	0	0	0	0	0	0	0
28 TOTAL MMBTU	24,084,464	20,929,159	22,276,313	23,708,915	28,497,939	30,155,830	149,652,620
GENERATION MIX (% MWH)							
29 HEAVY OIL	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
30 LIGHT OIL	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
31 COAL	30.76%	29.87%	28.42%	27.46%	25.32%	25.05%	27.59%
32 GAS	69.15%	70.04%	71.46%	72.42%	74.59%	74.87%	72.31%
33 NUCLEAR	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34 SOLAR	0.09%	0.09%	0.13%	0.12%	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	86.85	94.58	94.41	88.74	92.86	102.70	92.61
39 COAL \$/TON	66.87	67.63	73.61	70.19	69.70	69.52	69.54
40 GAS \$/MCF	5.36	5.47	5.32	4.77	4.57	4.39	4.91
41 NUCLEAR \$/MMBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42 OTHER	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	14.91	16.24	16.20	15.23	15.94	17.63	15.90
45 COAL	2.88	2.92	3.19	3.03	3.01	3.00	3.01
46 GAS	5.36	5.47	5.32	4.77	4.57	4.39	4.91
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	4.43	4.53	4.57	4.17	4.07	3.96	4.26
BTU BURNED PER KWH (BTU/KWH)							
50 HEAVY OIL	0	0	0	0	0	0	0
51 LIGHT OIL	126,675	716,095	1,684,778	6,196,333	4,023,250	505,417	450,744
52 COAL	10,217	10,288	10,854	10,779	10,775	10,734	10,603
53 GAS	7,438	7,430	7,768	7,622	7,644	7,795	7,628
54 NUCLEAR	0	0	0	0	0	0	0
55 OTHER	0	0	0	0	0	0	0
56 TOTAL BTU/KWH	8,292	8,283	8,641	8,486	8,434	8,528	8,447
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	188.89	1162.84	2729.53	9438.57	6412.30	890.88	716.53
59 COAL	2.94	3.00	3.47	3.27	3.24	3.22	3.19
60 GAS	3.99	4.06	4.13	3.63	3.49	3.42	3.75
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	3.67	3.75	3.95	3.54	3.43	3.38	3.60

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

		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	237,197	141,490	136,202	194,280	161,350	222,887	2,625,339
3	COAL	29,273,382	29,994,655	23,116,784	21,774,783	20,604,490	14,350,906	294,863,421
4	GAS	96,983,250	98,295,003	95,303,079	83,029,354	72,869,702	82,265,601	1,008,874,354
5	NUCLEAR	0	0	0	0	0	0	0
6	OTHER	0	0	0	0	0	0	0
7	TOTAL \$	126,493,829	128,431,148	118,556,065	104,998,417	93,635,542	96,839,394	1,306,363,114
SYSTEM NET GENERATION (MWH)								
8	HEAVY OIL	0	0	0	0	0	0	0
9	LIGHT OIL	60	0	22	3	31	7	337
10	COAL	911,529	936,713	771,643	722,138	680,529	473,640	9,384,853
11	GAS	2,844,204	2,902,200	2,864,121	2,477,016	2,023,570	2,409,008	28,331,496
12	NUCLEAR	0	0	0	0	0	0	0
13	SOLAR	2,816	2,892	2,731	2,997	2,600	5,260	36,721
14	OTHER	0	0	0	0	0	0	0
15	TOTAL MWH	3,758,608	3,841,805	3,638,517	3,202,154	2,706,730	2,887,914	37,753,407
UNITS OF FUEL BURNED								
16	HEAVY OIL BBL	0	0	0	0	0	0	0
17	LIGHT OIL BBL	2,436	936	850	1,933	1,427	2,391	26,515
18	COAL TON	422,003	433,795	351,569	330,826	311,235	214,564	4,303,704
19	GAS MCF	22,027,534	22,208,153	21,608,239	18,110,138	14,806,108	16,799,843	213,282,709
20	NUCLEAR MMBTU	0	0	0	0	0	0	0
21	OTHER	0	0	0	0	0	0	0
BTUS BURNED (MMBTU)								
22	HEAVY OIL	0	0	0	0	0	0	0
23	LIGHT OIL	14,189	5,458	4,955	11,259	8,315	13,921	154,466
24	COAL	9,770,452	10,043,500	8,132,290	7,652,079	7,198,991	4,964,081	99,594,950
25	GAS	22,027,534	22,208,153	21,608,239	18,110,138	14,806,108	16,799,843	213,282,709
26	NUCLEAR	0	0	0	0	0	0	0
27	OTHER	0	0	0	0	0	0	0
28	TOTAL MMBTU	31,812,175	32,257,111	29,745,484	25,773,476	22,013,414	21,777,845	313,032,125
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%	0.00%
31	COAL	24.25%	24.38%	21.21%	22.55%	25.14%	16.40%	24.86%
32	GAS	75.67%	75.54%	78.72%	77.36%	74.76%	83.42%	75.04%
33	NUCLEAR	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34	SOLAR	0.08%	0.08%	0.08%	0.09%	0.10%	0.18%	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	97.37	151.16	160.24	100.51	113.07	93.22	99.01
39	COAL \$/TON	69.37	69.14	65.75	65.82	66.20	66.88	68.51
40	GAS \$/MCF	4.40	4.43	4.41	4.58	4.92	4.90	4.73
41	NUCLEAR \$/MMBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	OTHER	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	16.72	25.92	27.49	17.26	19.41	16.01	17.00
45	COAL	3.00	2.99	2.84	2.85	2.86	2.89	2.96
46	GAS	4.40	4.43	4.41	4.59	4.92	4.90	4.73
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	3.98	3.99	4.07	4.25	4.45	4.17
BTU BURNED PER KWH (BTU/KWH)								
50	HEAVY OIL	0	0	0	0	0	0	0
51	LIGHT OIL	236,483	0	225,227	3,753,000	268,226	1,988,714	458,628
52	COAL	10,719	10,722	10,539	10,596	10,579	10,481	10,612
53	GAS	7,745	7,652	7,544	7,311	7,317	6,974	7,528
54	NUCLEAR	0	0	0	0	0	0	0
55	OTHER	0	0	0	0	0	0	0
56	TOTAL BTU/KWH	8,464	8,396	8,175	8,049	8,133	7,541	8,291
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	395.33	0.00	619.10	6476.00	520.48	3184.10	779.49
59	COAL	3.21	3.20	3.00	3.02	3.03	3.03	3.14
60	GAS	3.41	3.39	3.33	3.35	3.60	3.41	3.56
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	3.37	3.34	3.26	3.28	3.46	3.35	3.46

Duke Energy Florida, LLC
System Net Generation and Fuel Cost

Estimated for the Period of: Jan-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 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	5,655	2.0	92.90	45.6	11,193 COAL	2,787 TONS	22.71	63,298	297,196	5.26
2 CRYSTAL RIVER	2	500	8,549	2.3	97.10	32.9	11,892 COAL	4,476 TONS	22.71	101,663	453,614	5.31
3 CRYSTAL RIVER	4	732	425,297	78.1	94.19	82.9	10,258 COAL	187,976 TONS	23.21	4,362,757	12,442,205	2.93
4 CRYSTAL RIVER	5	712	453,812	85.7	94.19	91.3	10,135 COAL	198,163 TONS	23.21	4,599,209	13,112,534	2.89
5 ANCLOTE	1	517	81,058	21.1	89.68	23.5	11,431 GAS	926,535 MCF	1.00	926,535	4,213,807	5.20
6 ANCLOTE	2	521	12,090	3.1	89.35	30.9	11,574 GAS	139,924 MCF	1.00	139,924	1,568,434	12.97
7 AVON PARK	1-2	69	0	0.0	93.87	0.0	0 GAS	0 MCF	0.00	0	0	0.00
8 BARTOW	1-4	228	240	0.1	77.50	0.0	15,666 GAS	3,752 MCF	1.00	3,752	20,342	8.49
9 BARTOW CC	1	1279	460,069	48.3	98.06	49.3	7,466 GAS	3,435,008 MCF	1.00	3,435,008	18,624,286	4.05
10 CITRUS CC	1-2	1586	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
11 DEBARY	1-10	785	1,087	0.2	85.45	9.2	13,206 GAS	14,354 MCF	1.00	14,354	77,827	7.16
12 HIGGINS	1-4	129	214	0.2	90.16	23.7	16,453 GAS	3,521 MCF	1.00	3,521	19,090	8.92
13 HINES CC	1-4	2,204	1,257,281	76.7	98.31	21.4	7,046 GAS	8,859,156 MCF	1.00	8,859,156	47,075,203	3.74
14 NT CITY	1-14	1,186	1,749	0.2	95.11	8.2	12,387 GAS	21,661 MCF	1.00	21,661	117,442	6.72
15 OSPREY CC	1	505	66,100	17.6	97.99	78.4	7,756 GAS	512,644 MCF	1.00	512,644	2,779,508	4.21
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
19 SUWANNEE CT	1-3	200	1,220	0.8	95.70	21.0	14,425 GAS	17,594 MCF	1.00	17,594	95,390	7.82
20 TIGER BAY CC	1	225	92,261	55.1	94.84	102.8	7,304 GAS	673,895 MCF	1.00	673,895	3,653,796	3.96
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	1,789,972	5.11
22 AVON PARK	1-2	69	0	0.0	93.87	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
23 BARTOW	1-4	228	0	0.0	77.50	0.0	0 LIGHT OIL	0 BBLS	0.00	0	36	0.00
24 BAYBORO	1-4	231	15	0.0	93.87	0.0	19,400 LIGHT OIL	50 BBLS	5.82	291	3,278	21.85
25 DEBARY	1-10	785	4	0.2	85.45	0.0	19,750 LIGHT OIL	14 BBLS	5.64	79	1,042	26.05
26 HIGGINS	1-4	129	0	0.0	90.16	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
28 NT CITY	1-14	1,186	131	0.2	95.11	0.0	16,139 LIGHT OIL	362 BBLS	5.83	2,111	24,862	19.01
29 RIO PINAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
30 SUWANNEE	1-3	200	3	0.8	95.70	0.0	21,333 LIGHT OIL	11 BBLS	5.82	64	800	26.67
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	2,886 BBLS	5.83	16,811	258,600	0.00
33 SOLAR		19	2,634	18.6	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			2,904,488							24,084,464	106,629,264	3.67

Duke Energy Florida, LLC
 System Net Generation and Fuel Cost
 Estimated for the Period of: Feb-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 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	13,676	5.4	92.86	27.1	11,870 COAL	7,146 TONS	22.72	162,335	701,067	5.13
2 CRYSTAL RIVER	2	500	17,452	5.2	98.93	20.8	12,765 COAL	9,807 TONS	22.72	222,772	947,472	5.43
3 CRYSTAL RIVER	4	732	311,451	63.3	75.62	82.5	10,262 COAL	137,828 TONS	23.19	3,196,124	9,113,880	2.93
4 CRYSTAL RIVER	5	712	412,114	86.1	96.43	89.6	10,150 COAL	180,377 TONS	23.19	4,182,823	11,904,686	2.89
5 ANCLOTE	1	517	70,259	20.2	91.07	22.2	11,528 GAS	809,932 MCF	1.00	809,932	3,660,776	5.21
6 ANCLOTE	2	521	4,699	1.3	92.50	22.5	12,381 GAS	58,179 MCF	1.00	58,179	1,141,650	24.29
7 AVON PARK	1-2	69	0	0.0	94.29	0.0	0 GAS	0 MCF	0.00	0	0	0.00
8 BARTOW	1-4	228	193	0.1	78.39	12.3	17,055 GAS	3,295 MCF	1.00	3,295	18,229	9.44
9 BARTOW CC	1	1279	421,020	49.0	97.14	50.4	7,518 GAS	3,165,282 MCF	1.00	3,165,282	17,510,469	4.16
10 CITRUS CC	1-2	1586	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
11 DEBARY	1-10	785	1,636	0.3	84.86	9.1	13,281 GAS	21,732 MCF	1.00	21,732	120,224	7.35
12 HIGG NS	1-4	129	85	0.1	85.15	33.0	15,364 GAS	1,309 MCF	1.00	1,309	7,244	8.50
13 H NES CC	1-4	2,204	1,148,109	77.5	97.23	21.4	7,039 GAS	8,081,690 MCF	1.00	8,081,690	43,845,778	3.82
14 INT CITY	1-14	1,186	1,756	0.2	93.69	7.4	12,460 GAS	21,882 MCF	1.00	21,882	121,051	6.89
15 OSPREY CC	1	505	34,412	10.1	78.94	74.1	7,911 GAS	272,225 MCF	1.00	272,225	1,505,959	4.38
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
19 SUWANNEE CT	1-3	200	1,215	0.9	96.19	24.3	13,768 GAS	16,721 MCF	1.00	16,721	92,501	7.62
20 TIGER BAY CC	1	225	55,463	36.7	76.92	102.7	7,313 GAS	405,603 MCF	1.00	405,603	2,243,812	4.05
21 UNIV OF FLA. CC	1	47	30,989	98.1	96.07	102.1	9,430 GAS	292,217 MCF	1.00	292,217	1,616,557	5.22
22 AVON PARK	1-2	69	0	0.0	94.29	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
23 BARTOW	1-4	228	3	0.1	78.39	0.0	22,333 LIGHT OIL	12 BBLS	5.58	67	754	25.13
24 BAYBORO	1-4	231	3	0.0	95.36	0.0	19,333 LIGHT OIL	10 BBLS	5.80	58	832	27.73
25 DEBARY	1-10	785	0	0.0	84.86	0.0	0 LIGHT OIL	0 BBLS	0.00	0	189	0.00
26 HIGG NS	1-4	129	0	0.0	85.15	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
28 INT CITY	1-14	1,186	15	0.2	93.69	0.0	17,333 LIGHT OIL	45 BBLS	5.78	260	5,169	34.46
29 RIO P NAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	96.19	0.0	0 LIGHT OIL	0 BBLS	0.00	0	86	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	2,515 BBLS	5.83	14,653	237,166	0.00
33 SOLAR		19	2,185	17.1	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			2,526,735							20,929,159	94,795,551	3.75

Duke Energy Florida, LLC
 System Net Generation and Fuel Cost
 Estimated for the Period of: Mar-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	73,458	26.3	92.90	37.4	11,749 COAL	37,977 TONS	22.73	863,075	3,557,612	4.84
2 CRYSTAL RIVER	2	500	100,323	27.0	97.10	27.8	12,609 COAL	55,663 TONS	22.73	1,265,022	5,195,881	5.18
3 CRYSTAL RIVER	4	732	119,036	21.9	22.06	87.9	10,379 COAL	53,296 TONS	23.18	1,235,418	3,570,448	3.00
4 CRYSTAL RIVER	5	712	439,798	83.0	93.10	89.3	10,434 COAL	197,955 TONS	23.18	4,588,650	13,062,748	2.97
5 ANCLOTE	1	517	156,399	40.7	92.26	44.1	10,710 GAS	1,675,002 MCF	1.00	1,675,002	7,483,849	4.79
6 ANCLOTE	2	521	16,614	4.3	96.13	40.4	11,536 GAS	191,668 MCF	1.00	191,668	2,569,564	15.47
7 AVON PARK	1-2	69	0	0.0	94.20	0.0	0 GAS	0 MCF	0.00	0	0	0.00
8 BARTOW	1-4	228	216	0.1	77.26	18.9	14,278 GAS	3,084 MCF	1.00	3,084	16,609	7.69
9 BARTOW CC	1	1279	449,163	47.2	66.79	50.8	8,073 GAS	3,626,177 MCF	1.00	3,626,177	19,529,662	4.35
10 CITRUS CC	1-2	1586	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
11 DEBARY	1-10	785	2,069	0.4	85.29	9.1	13,180 GAS	27,273 MCF	1.00	27,273	146,888	7.10
12 HIGGINS	1-4	129	320	0.3	68.18	22.6	15,671 GAS	5,021 MCF	1.00	5,021	27,042	8.44
13 HINES CC	1-4	2,204	1,110,183	67.7	85.66	19.8	7,092 GAS	7,873,830 MCF	1.00	7,873,830	41,462,389	3.73
14 NT CITY	1-14	1,186	1,461	0.2	85.06	6.5	12,837 GAS	18,755 MCF	1.00	18,755	101,009	6.91
15 OSPREY CC	1	505	71,192	18.9	21.29	46.8	7,797 GAS	555,088 MCF	1.00	555,088	2,989,562	4.20
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
19 SUWANNEE CT	1-3	200	1,964	1.3	97.53	25.2	13,416 GAS	26,350 MCF	1.00	26,350	141,914	7.23
20 TIGER BAY CC	1	225	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
21 UNIV OF FLA. CC	1	47	32,494	92.9	93.44	99.3	9,440 GAS	306,737 MCF	1.00	306,737	1,652,006	5.08
22 AVON PARK	1-2	69	0	0.0	94.20	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
23 BARTOW	1-4	228	0	0.0	77.26	0.0	0 LIGHT OIL	0 BBLS	0.00	0	36	0.00
24 BAYBORO	1-4	231	0	0.0	95.24	0.0	0 LIGHT OIL	0 BBLS	0.00	0	208	0.00
25 DEBARY	1-10	785	0	0.0	85.29	0.0	0 LIGHT OIL	0 BBLS	0.00	0	189	0.00
26 HIGGINS	1-4	129	0	0.0	68.18	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
28 INT CITY	1-14	1,186	3	0.2	85.06	0.0	16,000 LIGHT OIL	8 BBLS	6.00	48	2,888	96.27
29 RIO PINAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
30 SUWANNEE	1-3	200	6	1.3	97.53	0.0	16,667 LIGHT OIL	17 BBLS	5.88	100	1,216	20.27
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	2,577 BBLS	5.83	15,015	241,121	0.00
33 SOLAR		19	3,244	23.0	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			2,577,945							22,276,313	101,752,841	3.95

Duke Energy Florida, LLC
 System Net Generation and Fuel Cost
 Estimated for the Period of: Apr-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	788	0.3	93.33	41.9	11,560 COAL	397 TONS	22.94	9,109	76,471	9.70
2 CRYSTAL RIVER	2	500	93,904	26.1	99.00	26.3	12,706 COAL	52,054 TONS	22.92	1,193,121	4,881,569	5.20
3 CRYSTAL RIVER	4	732	382,843	72.6	92.00	79.0	10,484 COAL	173,238 TONS	23.17	4,013,692	11,424,585	2.98
4 CRYSTAL RIVER	5	712	289,589	56.5	73.33	78.4	10,542 COAL	131,763 TONS	23.17	3,052,769	8,707,033	3.01
5 ANCLOTE	1	517	115,679	31.1	89.00	34.9	10,958 GAS	1,267,658 MCF	1.00	1,267,658	4,900,824	4.24
6 ANCLOTE	2	521	0	0.0	15.00	0.0	0 GAS	0 MCF	0.00	0	1,206,868	0.00
7 AVON PARK	1-2	69	0	0.0	93.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
8 BARTOW	1-4	228	259	0.2	77.83	18.9	14,064 GAS	3,644 MCF	1.00	3,644	17,558	6.78
9 BARTOW CC	1	1279	611,691	66.4	96.67	68.6	7,824 GAS	4,785,573 MCF	1.00	4,785,573	23,057,329	3.77
10 CITRUS CC	1-2	1586	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
11 DEBARY	1-10	785	2,583	0.5	75.40	7.7	13,692 GAS	35,362 MCF	1.00	35,362	170,379	6.60
12 HIGGINS	1-4	129	41	0.0	88.92	10.6	21,683 GAS	889 MCF	1.00	889	4,283	10.45
13 HINES CC	1-4	2,204	984,262	62.0	75.17	20.9	7,051 GAS	6,940,496 MCF	1.00	6,940,496	32,636,380	3.32
14 NT CITY	1-14	1,186	3,807	0.4	88.05	6.6	12,767 GAS	48,601 MCF	1.00	48,601	234,163	6.15
15 OSPREY CC	1	505	215,702	59.3	74.41	61.0	7,620 GAS	1,643,566 MCF	1.00	1,643,566	7,918,851	3.67
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
19 SUWANNEE CT	1-3	200	1,542	1.1	65.67	25.7	13,328 GAS	20,548 MCF	1.00	20,548	99,001	6.42
20 TIGER BAY CC	1	225	68,880	42.5	48.95	89.0	7,212 GAS	496,793 MCF	1.00	496,793	2,393,595	3.48
21 UNIV OF FLA. CC	1	47	18,892	55.8	56.08	99.0	9,449 GAS	178,505 MCF	1.00	178,505	860,054	4.55
22 AVON PARK	1-2	69	0	0.0	93.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
23 BARTOW	1-4	228	0	0.0	77.83	0.0	0 LIGHT OIL	0 BBLS	0.00	0	36	0.00
24 BAYBORO	1-4	231	0	0.0	94.75	0.0	0 LIGHT OIL	0 BBLS	0.00	0	208	0.00
25 DEBARY	1-10	785	0	0.0	75.40	0.0	0 LIGHT OIL	0 BBLS	0.00	0	189	0.00
26 HIGGINS	1-4	129	0	0.0	88.92	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
28 INT CITY	1-14	1,186	3	0.4	88.05	0.0	17,000 LIGHT OIL	9 BBLS	5.67	51	2,922	97.40
29 RIO PINAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	65.67	0.0	0 LIGHT OIL	0 BBLS	0.00	0	86	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	3,182 BBLS	5.83	18,538	279,716	0.00
33 SOLAR	19	3,275	23.9	0.00	0.0	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL		2,793,738								23,708,915	98,872,100	3.54

Duke Energy Florida, LLC
 System Net Generation and Fuel Cost
 Estimated for the Period of: May-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	784	0.3	94.19	41.7	11,656 COAL	396 TONS	23.08	9,138	76,440	9.75
2 CRYSTAL RIVER	2	500	97,018	26.1	98.06	26.6	12,690 COAL	53,383 TONS	23.06	1,231,191	5,020,503	5.17
3 CRYSTAL RIVER	4	732	386,879	71.0	91.61	77.5	10,501 COAL	175,437 TONS	23.16	4,062,616	11,539,315	2.98
4 CRYSTAL RIVER	5	712	370,657	70.0	92.26	76.9	10,558 COAL	168,992 TONS	23.16	3,913,347	11,118,043	3.00
5 ANCLOTE	1	517	120,986	31.5	89.35	35.2	10,954 GAS	1,325,256 MCF	1.00	1,325,256	5,312,310	4.39
6 ANCLOTE	2	521	34,520	8.9	69.92	39.4	11,641 GAS	401,839 MCF	1.00	401,839	2,646,405	7.67
7 AVON PARK	1-2	69	0	0.0	93.39	0.0	0 GAS	0 MCF	0.00	0	0	0.00
8 BARTOW	1-4	228	435	0.3	77.26	19.1	14,110 GAS	6,135 MCF	1.00	6,135	28,271	6.50
9 BARTOW CC	1	1279	612,505	64.4	98.06	65.7	7,808 GAS	4,782,739 MCF	1.00	4,782,739	22,039,585	3.60
10 CITRUS CC	1-2	1586	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
11 DEBARY	1-10	785	5,490	0.9	71.61	9.2	13,080 GAS	71,813 MCF	1.00	71,813	330,926	6.03
12 HIGGINS	1-4	129	140	0.1	88.71	21.6	15,462 GAS	2,157 MCF	1.00	2,157	9,939	7.12
13 HINES CC	1-4	2,204	1,323,604	80.7	97.74	20.7	7,085 GAS	9,377,404 MCF	1.00	9,377,404	42,389,849	3.20
14 NT CITY	1-14	1,186	10,267	1.2	93.07	6.5	12,790 GAS	131,308 MCF	1.00	131,308	605,082	5.89
15 OSPREY CC	1	505	237,230	63.1	94.98	73.6	7,632 GAS	1,810,471 MCF	1.00	1,810,471	8,342,925	3.52
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
19 SUWANNEE CT	1-3	200	3,504	2.4	96.66	25.8	13,335 GAS	46,726 MCF	1.00	46,726	215,318	6.14
20 TIGER BAY CC	1	225	137,840	82.3	95.16	88.9	7,189 GAS	990,948 MCF	1.00	990,948	4,566,440	3.31
21 UNIV OF FLA. CC	1	47	33,758	96.5	97.42	99.1	9,442 GAS	318,758 MCF	1.00	318,758	1,468,885	4.35
22 AVON PARK	1-2	69	0	0.0	93.39	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
23 BARTOW	1-4	228	0	0.0	77.26	0.0	0 LIGHT O L	0 BBLS	0.00	0	36	0.00
24 BAYBORO	1-4	231	0	0.0	94.60	0.0	0 LIGHT O L	0 BBLS	0.00	0	208	0.00
25 DEBARY	1-10	785	4	0.9	71.61	0.0	23,500 LIGHT O L	16 BBLS	5.88	94	1,223	30.58
26 HIGGINS	1-4	129	0	0.0	88.71	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
28 NT CITY	1-14	1,186	0	0.0	93.07	0.0	0 LIGHT O L	0 BBLS	0.00	0	2,366	0.00
29 RIO PINAR	1	16	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	96.66	0.0	0 LIGHT O L	0 BBLS	0.00	0	86	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT O L	2,746 BBLS	5.83	15,999	252,573	0.00
33 SOLAR		19	3,202	22.6	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			3,378,822							28,497,939	115,966,728	3.43

Duke Energy Florida, LLC
System Net Generation and Fuel Cost

Estimated for the Period of: Jun-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	2,633	1.0	87.00	41.2	11,616 COAL	1,320 TONS	23.17	30,586	162,932	6.19
2 CRYSTAL RIVER	2	500	97,205	27.0	98.00	27.5	12,626 COAL	52,983 TONS	23.16	1,227,345	4,994,108	5.14
3 CRYSTAL RIVER	4	732	393,216	74.6	92.67	80.5	10,467 COAL	177,802 TONS	23.15	4,115,716	11,671,404	2.97
4 CRYSTAL RIVER	5	712	392,524	76.6	96.00	80.0	10,526 COAL	178,496 TONS	23.15	4,131,781	11,716,675	2.98
5 ANCLOTE	1	517	130,000	34.9	88.00	39.7	10,841 GAS	1,409,343 MCF	1.00	1,409,343	6,254,001	4.81
6 ANCLOTE	2	521	122,802	32.7	92.00	35.6	11,584 GAS	1,422,549 MCF	1.00	1,422,549	6,292,446	5.12
7 AVON PARK	1-2	69	0	0.0	93.67	0.0	0 GAS	0 MCF	0.00	0	0	0.00
8 BARTOW	1-4	228	693	0.4	78.42	19.0	14,074 GAS	9,749 MCF	1.00	9,749	43,191	6.24
9 BARTOW CC	1	1279	628,123	68.2	95.33	71.6	7,830 GAS	4,917,915 MCF	1.00	4,917,915	21,788,388	3.47
10 CITRUS CC	1-2	1586	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
11 DEBARY	1-10	785	9,285	1.6	82.24	10.0	12,809 GAS	118,930 MCF	1.00	118,930	526,909	5.67
12 HIGG NS	1-4	129	340	0.4	88.58	22.0	15,708 GAS	5,344 MCF	1.00	5,344	23,676	6.96
13 H NES CC	1-4	2,204	1,302,267	82.1	96.50	21.4	7,061 GAS	9,195,767 MCF	1.00	9,195,767	39,938,303	3.07
14 INT CITY	1-14	1,186	16,094	1.9	94.95	6.5	12,761 GAS	205,372 MCF	1.00	205,372	909,882	5.65
15 OSPREY CC	1	505	268,183	73.8	96.94	77.5	7,586 GAS	2,034,384 MCF	1.00	2,034,384	9,013,158	3.36
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
19 SUWANNEE CT	1-3	200	4,181	2.9	97.00	25.8	13,305 GAS	55,625 MCF	1.00	55,625	246,440	5.89
20 TIGER BAY CC	1	225	132,480	81.8	95.67	88.9	7,184 GAS	951,687 MCF	1.00	951,687	4,216,364	3.18
21 UNIV OF FLA. CC	1	47	33,014	97.6	98.33	99.2	9,439 GAS	311,607 MCF	1.00	311,607	1,380,546	4.18
22 AVON PARK	1-2	69	0	0.0	93.67	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
23 BARTOW	1-4	228	0	0.0	78.42	0.0	0 LIGHT OIL	0 BBLS	0.00	0	36	0.00
24 BAYBORO	1-4	231	0	0.0	94.34	0.0	0 LIGHT OIL	0 BBLS	0.00	0	208	0.00
25 DEBARY	1-10	785	0	0.0	82.24	0.0	0 LIGHT OIL	0 BBLS	0.00	0	189	0.00
26 HIGG NS	1-4	129	0	0.0	88.58	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
28 INT CITY	1-14	1,186	24	1.9	94.95	0.0	15,000 LIGHT OIL	62 BBLS	5.81	360	6,278	26.16
29 RIO P NAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	97.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	86	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	2,020 BBLS	5.83	11,770	207,015	0.00
33 SOLAR		19	2,886	21.1	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			3,535,951							30,155,830	119,392,235	3.38

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 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	777	0.3	93.55	51.7	11,483 COAL	384 TONS	23.23	8,922	75,457	9.71
2 CRYSTAL RIVER	2	500	98,895	26.6	95.16	27.9	12,601 COAL	53,630 TONS	23.24	1,246,135	5,068,791	5.13
3 CRYSTAL RIVER	4	732	420,475	77.2	95.16	81.1	10,457 COAL	190,018 TONS	23.14	4,397,081	12,457,110	2.96
4 CRYSTAL RIVER	5	712	391,382	73.9	92.58	80.2	10,522 COAL	177,971 TONS	23.14	4,118,314	11,672,024	2.98
5 ANCLOTE	1	517	134,598	35.0	87.74	39.9	10,835 GAS	1,458,375 MCF	1.00	1,458,375	6,511,118	4.84
6 ANCLOTE	2	521	129,850	33.5	94.84	35.3	11,587 GAS	1,504,632 MCF	1.00	1,504,632	6,647,346	5.12
7 AVON PARK	1-2	69	0	0.0	93.71	0.0	0 GAS	0 MCF	0.00	0	0	0.00
8 BARTOW	1-4	228	302	0.2	79.52	18.9	14,057 GAS	4,241 MCF	1.00	4,241	18,832	6.24
9 BARTOW CC	1	1279	661,284	69.5	96.77	71.8	7,829 GAS	5,176,940 MCF	1.00	5,176,940	22,990,356	3.48
10 CITRUS CC	1-2	1586	96,186	8.2	0.00	25.8	6,672 GAS	641,737 MCF	1.00	641,737	2,849,900	2.96
11 DEBARY	1-10	785	6,702	1.1	84.32	9.9	12,828 GAS	85,966 MCF	1.00	85,966	381,769	5.70
12 HIGGINS	1-4	129	228	0.2	88.31	25.2	15,544 GAS	3,544 MCF	1.00	3,544	15,742	6.90
13 HINES CC	1-4	2,204	1,358,451	82.8	97.82	21.3	7,067 GAS	9,599,879 MCF	1.00	9,599,879	41,793,076	3.08
14 NT CITY	1-14	1,186	10,259	1.2	95.18	6.6	12,768 GAS	130,988 MCF	1.00	130,988	581,708	5.67
15 OSPREY CC	1	505	270,393	72.0	97.15	76.4	7,596 GAS	2,053,950 MCF	1.00	2,053,950	9,121,418	3.37
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
19 SUWANNEE CT	1-3	200	4,514	3.0	95.70	25.9	13,275 GAS	59,918 MCF	1.00	59,918	266,092	5.90
20 TIGER BAY CC	1	225	138,240	82.6	95.48	88.9	7,189 GAS	993,813 MCF	1.00	993,813	4,413,440	3.19
21 UNIV OF FLA. CC	1	47	33,198	94.9	95.81	99.1	9,445 GAS	313,551 MCF	1.00	313,551	1,392,453	4.19
22 AVON PARK	1-2	69	0	0.0	93.71	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
23 BARTOW	1-4	228	0	0.0	79.52	0.0	0 LIGHT O L	0 BBLS	0.00	0	36	0.00
24 BAYBORO	1-4	231	0	0.0	95.08	0.0	0 LIGHT O L	0 BBLS	0.00	0	208	0.00
25 DEBARY	1-10	785	0	0.0	84.32	0.0	0 LIGHT O L	0 BBLS	0.00	0	189	0.00
26 HIGGINS	1-4	129	0	0.0	88.31	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
28 NT CITY	1-14	1,186	60	1.2	95.18	5.1	14,633 LIGHT O L	151 BBLS	5.81	878	11,969	19.95
29 RIO PINAR	1	16	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	95.70	0.0	0 LIGHT O L	0 BBLS		0	86	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT O L	2,285 BBLS	5.83	13,311	224,709	0.00
33 SOLAR		19	2,816	19.9	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			3,758,608							31,812,175	126,493,829	3.37

Duke Energy Florida, LLC
 System Net Generation and Fuel Cost
 Estimated for the Period of: Aug-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	91.94	0.0	0 COAL	0 TONS	0.00	0	39,431	0.00
2 CRYSTAL RIVER	2	500	97,047	26.1	98.06	26.6	12,692 COAL	52,897 TONS	23.28	1,231,681	5,009,648	5.16
3 CRYSTAL RIVER	4	732	425,511	78.1	97.10	80.5	10,462 COAL	192,425 TONS	23.13	4,451,629	12,601,452	2.96
4 CRYSTAL RIVER	5	712	414,155	78.2	98.71	79.5	10,528 COAL	188,473 TONS	23.13	4,360,190	12,344,124	2.98
5 ANCLOTE	1	517	123,796	32.2	86.13	37.4	10,913 GAS	1,350,949 MCF	1.00	1,350,949	6,091,795	4.92
6 ANCLOTE	2	521	122,716	31.7	94.52	33.5	11,669 GAS	1,431,961 MCF	1.00	1,431,961	6,331,023	5.16
7 AVON PARK	1-2	69	0	0.0	94.36	0.0	0 GAS	0 MCF	0.00	0	0	0.00
8 BARTOW	1-4	228	252	0.1	77.26	18.4	14,076 GAS	3,543 MCF	1.00	3,543	15,815	6.28
9 BARTOW CC	1	1279	613,033	64.4	97.42	66.1	7,813 GAS	4,789,616 MCF	1.00	4,789,616	21,380,690	3.49
10 CITRUS CC	1-2	1586	319,378	27.1	0.00	47.4	6,593 GAS	2,105,658 MCF	1.00	2,105,658	9,399,589	2.94
11 DEBARY	1-10	785	4,076	0.7	84.03	10.0	12,818 GAS	52,246 MCF	1.00	52,246	233,222	5.72
12 HIGGINS	1-4	129	112	0.1	88.47	21.6	15,448 GAS	1,724 MCF	1.00	1,724	7,696	6.90
13 HINES CC	1-4	2,204	1,299,036	79.2	97.02	20.6	7,093 GAS	9,214,517 MCF	1.00	9,214,517	40,291,841	3.10
14 INT CITY	1-14	1,186	6,871	0.8	94.86	6.4	12,782 GAS	87,823 MCF	1.00	87,823	392,037	5.71
15 OSPREY CC	1	505	238,098	63.4	96.51	74.8	7,638 GAS	1,818,589 MCF	1.00	1,818,589	8,118,123	3.41
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
19 SUWANNEE CT	1-3	200	3,202	2.2	96.23	25.8	13,294 GAS	42,569 MCF	1.00	42,569	190,026	5.93
20 TIGER BAY CC	1	225	137,680	82.2	96.13	88.9	7,179 GAS	988,343 MCF	1.00	988,343	4,411,931	3.20
21 UNIV OF FLA. CC	1	47	33,951	97.1	98.06	99.0	9,444 GAS	320,615 MCF	1.00	320,615	1,431,215	4.22
22 AVON PARK	1-2	69	0	0.0	94.36	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
23 BARTOW	1-4	228	0	0.0	77.26	0.0	0 LIGHT O L	0 BBLS	0.00	0	36	0.00
24 BAYBORO	1-4	231	0	0.0	95.57	0.0	0 LIGHT O L	0 BBLS	0.00	0	208	0.00
25 DEBARY	1-10	785	0	0.0	84.03	0.0	0 LIGHT O L	0 BBLS	0.00	0	189	0.00
26 HIGGINS	1-4	129	0	0.0	88.47	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
28 INT CITY	1-14	1,186	0	0.0	94.86	0.0	0 LIGHT O L	0 BBLS	0.00	0	2,366	0.00
29 RIO PINAR	1	16	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	96.23	0.0	0 LIGHT O L	0 BBLS		0	86	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT O L	936 BBLS	5.83	5,458	138,605	0.00
33 SOLAR		19	2,892	20.5	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			3,841,805							32,257,111	128,431,148	3.34

Duke Energy Florida, LLC
System Net Generation and Fuel Cost
Estimated for the Period of: Sep-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 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	0.0	0.0	0 COAL	0 TONS	0.00	0	39,075	0.00
2 CRYSTAL RIVER	2	500	0	0.0	98.00	0.0	0 COAL	0 TONS	0.00	0	39,075	0.00
3 CRYSTAL RIVER	4	732	394,198	74.8	97.33	76.8	10,507 COAL	179,049 TONS	23.13	4,141,656	11,731,863	2.98
4 CRYSTAL RIVER	5	712	377,445	73.6	97.67	75.5	10,573 COAL	172,520 TONS	23.13	3,990,634	11,306,771	3.00
5 ANCLOTE	1	517	112,337	30.2	91.33	33.0	11,024 GAS	1,238,436 MCF	1.00	1,238,436	5,473,130	4.87
6 ANCLOTE	2	521	99,324	26.5	94.00	28.2	12,004 GAS	1,192,235 MCF	1.00	1,192,235	5,338,040	5.37
7 AVON PARK	1-2	69	0	0.0	93.84	0.0	0 GAS	0 MCF	0.00	0	0	0.00
8 BARTOW	1-4	228	294	0.2	79.59	18.4	14,063 GAS	4,133 MCF	1.00	4,133	18,383	6.25
9 BARTOW CC	1	1279	543,492	59.0	96.33	61.2	7,790 GAS	4,233,982 MCF	1.00	4,233,982	18,831,958	3.46
10 CITRUS CC	1-2	1586	557,573	48.8	48.00	50.9	6,518 GAS	3,634,041 MCF	1.00	3,634,041	16,163,533	2.90
11 DEBARY	1-10	785	4,465	0.8	85.17	9.5	13,011 GAS	58,092 MCF	1.00	58,092	258,382	5.79
12 HIGGS NS	1-4	129	404	0.4	88.92	22.4	15,512 GAS	6,267 MCF	1.00	6,267	27,873	6.90
13 HIGGS CC	1-4	2,204	1,147,239	72.3	90.13	20.2	7,094 GAS	8,138,329 MCF	1.00	8,138,329	35,391,442	3.08
14 INT CITY	1-14	1,186	5,683	0.7	89.52	6.4	12,832 GAS	72,926 MCF	1.00	72,926	324,363	5.71
15 OSPREY CC	1	505	232,830	64.0	97.20	72.5	7,644 GAS	1,779,806 MCF	1.00	1,779,806	7,916,244	3.40
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
19 SUWANNEE CT	1-3	200	3,662	2.5	95.89	26.2	13,296 GAS	48,691 MCF	1.00	48,691	216,569	5.91
20 TIGER BAY CC	1	225	124,760	77.0	92.67	88.9	7,201 GAS	898,442 MCF	1.00	898,442	3,996,103	3.20
21 UNIV OF FLA. CC	1	47	32,059	94.7	95.67	99.0	9,447 GAS	302,859 MCF	1.00	302,859	1,347,059	4.20
22 AVON PARK	1-2	69	0	0.0	93.84	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
23 BARTOW	1-4	228	0	0.0	79.59	0.0	0 LIGHT OIL	0 BBLS	0.00	0	36	0.00
24 BAYBORO	1-4	231	0	0.0	94.75	0.0	0 LIGHT OIL	0 BBLS	0.00	0	208	0.00
25 DEBARY	1-10	785	4	0.8	85.17	0.0	23,500 LIGHT OIL	16 BBLS	5.88	94	1,242	31.05
26 HIGGS NS	1-4	129	0	0.0	88.92	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
28 INT CITY	1-14	1,186	18	0.7	89.52	0.0	15,333 LIGHT OIL	47 BBLS	5.87	276	5,415	30.08
29 RIO PINAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	95.89	0.0	0 LIGHT OIL	0 BBLS	0.00	0	86	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	787 BBLS	5.83	4,585	129,215	0.00
33 SOLAR		19	2,731	20.0	0.00	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			3,638,517							29,745,484	118,556,065	3.26

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	0.00	0	39,075	0.00
2 CRYSTAL RIVER	2	500	0	0.0	100.00	0.0	0 COAL	0 TONS	0.00	0	39,075	0.00
3 CRYSTAL RIVER	4	732	371,089	68.1	94.19	72.3	10,561 COAL	169,431 TONS	23.13	3,918,979	11,110,250	2.99
4 CRYSTAL RIVER	5	712	351,049	66.3	95.48	70.4	10,634 COAL	161,395 TONS	23.13	3,733,100	10,586,383	3.02
5 ANCLOTE	1	517	94,323	24.5	96.77	25.3	11,357 GAS	1,071,226 MCF	1.00	1,071,226	4,085,659	4.33
6 ANCLOTE	2	521	3,849	1.0	92.58	33.6	11,796 GAS	45,402 MCF	1.00	45,402	1,085,124	28.19
7 AVON PARK	1-2	69	0	0.0	92.58	0.0	0 GAS	0 MCF	0.00	0	0	0.00
8 BARTOW	1-4	228	166	0.1	79.27	18.2	14,509 GAS	2,407 MCF	1.00	2,407	11,145	6.72
9 BARTOW CC	1	1279	489,435	51.4	95.81	53.7	7,699 GAS	3,768,370 MCF	1.00	3,768,370	17,450,237	3.57
10 CITRUS CC	1-2	1586	820,102	69.5	48.39	43.9	6,556 GAS	5,376,614 MCF	1.00	5,376,614	24,897,555	3.04
11 DEBARY	1-10	785	3,738	0.6	84.74	9.5	13,001 GAS	48,595 MCF	1.00	48,595	225,030	6.02
12 HIGGINS	1-4	129	110	0.1	88.63	21.3	16,479 GAS	1,811 MCF	1.00	1,811	8,386	7.63
13 HINES CC	1-4	2,204	801,632	48.9	67.51	18.7	7,152 GAS	5,733,397 MCF	1.00	5,733,397	25,716,224	3.21
14 NT CITY	1-14	1,186	3,880	0.4	84.03	6.4	12,854 GAS	49,876 MCF	1.00	49,876	230,963	5.95
15 OSPREY CC	1	505	131,154	34.9	98.06	74.6	7,815 GAS	1,025,008 MCF	1.00	1,025,008	4,746,517	3.62
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
19 SUWANNEE CT	1-3	200	3,289	2.2	87.15	25.7	13,293 GAS	43,725 MCF	1.00	43,725	202,478	6.16
20 TIGER BAY CC	1	225	107,073	64.0	95.48	88.9	7,200 GAS	770,910 MCF	1.00	770,910	3,569,861	3.33
21 UNIV OF FLA. CC	1	47	18,265	52.2	51.31	98.6	9,461 GAS	172,797 MCF	1.00	172,797	800,175	4.38
22 AVON PARK	1-2	69	0	0.0	92.58	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
23 BARTOW	1-4	228	0	0.0	79.27	0.0	0 LIGHT O L	0 BBLS	0.00	0	36	0.00
24 BAYBORO	1-4	231	0	0.0	94.92	0.0	0 LIGHT O L	0 BBLS	0.00	0	208	0.00
25 DEBARY	1-10	785	0	0.0	84.74	0.0	0 LIGHT O L	0 BBLS	0.00	0	189	0.00
26 HIGGINS	1-4	129	0	0.0	88.63	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
28 NT CITY	1-14	1,186	3	0.4	84.03	0.0	16,000 LIGHT O L	8 BBLS	6.00	48	2,896	96.53
29 RIO PINAR	1	16	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	87.15	0.0	0 LIGHT O L	0 BBLS	0.00	0	86	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT O L	0 BBLS	0.00	0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT O L	1,925 BBLS	5.82	11,211	190,865	0.00
33 SOLAR	19	2,997	21.2	0.00	0.0	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL			3,202,154							25,773,476	104,998,417	3.28

Duke Energy Florida, LLC
 System Net Generation and Fuel Cost
 Estimated for the Period of: Nov-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 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	0 00	0.0	0 COAL	0 TONS	0.00	0	39,075	0 00
2 CRYSTAL RIVER	2	500	0	0.0	100 00	0.0	0 COAL	0 TONS	0.00	0	39,075	0 00
3 CRYSTAL RIVER	4	732	337,184	64.0	91 33	72.9	10,529 COAL	153,485 TONS	23.13	3,550,171	10,123,958	3 00
4 CRYSTAL RIVER	5	712	343,345	67.0	98 00	68.7	10,627 COAL	157,750 TONS	23.13	3,648,820	10,402,382	3 03
5 ANCLOTE	1	517	6,675	1.8	6 67	26.9	11,235 GAS	74,987 MCF	1.00	74,987	442,609	6 63
6 ANCLOTE	2	521	12,212	3.3	97 67	34.5	11,823 GAS	144,381 MCF	1.00	144,381	649,195	5 32
7 AVON PARK	1-2	69	0	0.0	94 33	0.0	0 GAS	0 MCF	0.00	0	0	0 00
8 BARTOW	1-4	228	153	0.1	78 84	44.1	14,021 GAS	2,141 MCF	1.00	2,141	10,656	6 98
9 BARTOW CC	1	1279	484,818	52.6	98 00	53.7	7,674 GAS	3,720,573 MCF	1.00	3,720,573	18,517,453	3 82
10 CITRUS CC	1-2	1586	407,082	35.6	6 67	49.6	6,589 GAS	2,682,182 MCF	1.00	2,682,182	13,349,338	3 28
11 DEBARY	1-10	785	1,856	0.3	84 80	5.3	15,284 GAS	28,368 MCF	1.00	28,368	141,187	7 61
12 HIGGINS	1-4	129	16	0.0	89 67	88.4	31,235 GAS	506 MCF	1.00	506	2,517	15 54
13 HINES CC	1-4	2,204	869,987	54.8	84 64	18.5	7,208 GAS	6,270,691 MCF	1.00	6,270,691	30,388,566	3 49
14 NT CITY	1-14	1,186	1,979	0.2	82 31	6.0	13,188 GAS	26,099 MCF	1.00	26,099	129,895	6 56
15 OSPREY CC	1	505	92,746	25.5	96 92	74.1	7,767 GAS	720,370 MCF	1.00	720,370	3,585,313	3 87
16 SUWANNEE STEAM	1	67	0	0.0	0 00	0.0	0 GAS	0 MCF	0.00	0	0	0 00
17 SUWANNEE STEAM	2	66	0	0.0	0 00	0.0	0 GAS	0 MCF	0.00	0	0	0 00
18 SUWANNEE STEAM	3	67	0	0.0	0 00	0.0	0 GAS	0 MCF	0.00	0	0	0 00
19 SUWANNEE CT	1-3	200	1,280	0.9	77 67	20.6	14,478 GAS	18,532 MCF	1.00	18,532	92,233	7 21
20 TIGER BAY CC	1	225	112,320	69.3	97 00	88.8	7,216 GAS	810,520 MCF	1.00	810,520	4,033,993	3 59
21 UNIV OF FLA. CC	1	47	32,447	95.9	97 33	98.5	9,454 GAS	306,758 MCF	1.00	306,758	1,526,747	4 71
22 AVON PARK	1-2	69	0	0.0	94 33	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0 00
23 BARTOW	1-4	228	0	0.0	78 84	0.0	0 LIGHT OIL	0 BBLS	0.00	0	36	0 00
24 BAYBORO	1-4	231	3	0.0	95 50	0.0	16,333 LIGHT OIL	8 BBLS	6.13	49	739	24 63
25 DEBARY	1-10	785	4	0.3	84 80	0.0	23,500 LIGHT OIL	16 BBLS	5.88	94	1,234	30 85
26 HIGGINS	1-4	129	0	0.0	89 67	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0 00
27 OTHER		0	0	0.0	0 00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0 00
28 NT CITY	1-14	1,186	24	0.2	82 31	0.0	15,208 LIGHT OIL	63 BBLS	5.79	365	6,368	26 53
29 RIO PINAR	1	16	0	0.0	0 00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0 00
30 SUWANNEE	1-3	200	0	0.0	77 67	0.0	0 LIGHT OIL	0 BBLS	0.00	0	86	0 00
31 TURNER	1-4	199	0	0.0	0 00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0 00
32 OTHER & START UP		-	0	-	0 00	0.0	0 LIGHT OIL	1,340 BBLS	5.83	7,807	152,887	0 00
33 SOLAR		19	2,600		0 00	0.0	0 SOLAR	0 N/A		0	0	0 00
34 TOTAL			2,706,730							22,013,414	93,635,542	3 46

Duke Energy Florida, LLC
 System Net Generation and Fuel Cost
 Estimated for the Period of: Dec-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	0.00	0	39,075	0.00
2 CRYSTAL RIVER	2	500	0	0.0	0.00	0.0	0 COAL	0 TONS	0.00	0	39,075	0.00
3 CRYSTAL RIVER	4	732	173,787	31.9	92.58	59.1	10,583 COAL	79,495 TONS	23.14	1,839,161	5,314,912	3.06
4 CRYSTAL RIVER	5	712	299,853	56.6	94.19	65.9	10,422 COAL	135,069 TONS	23.14	3,124,920	8,957,844	2.99
5 ANCLOTE	1	517	54,303	14.1	73.49	18.8	11,978 GAS	650,413 MCF	1.00	650,413	2,619,036	4.82
6 ANCLOTE	2	521	0	0.0	99.03	0.0	0 GAS	0 MCF	0.00	0	600,155	0.00
7 AVON PARK	1-2	69	0	0.0	91.94	0.0	0 GAS	0 MCF	0.00	0	0	0.00
8 BARTOW	1-4	228	136	0.1	79.03	14.9	15,645 GAS	2,123 MCF	1.00	2,123	10,507	7.74
9 BARTOW CC	1	1279	393,976	41.4	94.19	43.9	7,299 GAS	2,875,555 MCF	1.00	2,875,555	14,232,436	3.61
10 CITRUS CC	1-2	1586	1,181,431	100.1	97.74	51.3	6,495 GAS	7,673,726 MCF	1.00	7,673,726	37,980,780	3.21
11 DEBARY	1-10	785	465	0.1	84.32	8.5	13,267 GAS	6,165 MCF	1.00	6,165	30,512	6.57
12 HIGGINS	1-4	129	50	0.1	89.60	19.3	15,301 GAS	762 MCF	1.00	762	3,771	7.57
13 HINES CC	1-4	2,204	694,047	42.3	97.74	20.5	7,033 GAS	4,881,504 MCF	1.00	4,881,504	23,276,302	3.35
14 INT CITY	1-14	1,186	462	0.1	90.60	6.6	13,010 GAS	6,013 MCF	1.00	6,013	29,754	6.44
15 OSPREY CC	1	505	8,496	2.3	96.02	84.1	8,220 GAS	69,833 MCF	1.00	69,833	345,636	4.07
16 SUWANNEE STEAM	1	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
17 SUWANNEE STEAM	2	66	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
18 SUWANNEE STEAM	3	67	0	0.0	0.00	0.0	0 GAS	0 MCF	0.00	0	0	0.00
19 SUWANNEE CT	1-3	200	999	0.7	96.78	22.7	14,149 GAS	14,128 MCF	1.00	14,128	69,927	7.00
20 TIGER BAY CC	1	225	39,854	23.8	94.84	102.4	7,317 GAS	291,617 MCF	1.00	291,617	1,443,344	3.62
21 UNIV OF FLA. CC	1	47	34,790	99.5	97.42	102.1	9,428 GAS	328,004 MCF	1.00	328,004	1,623,441	4.67
22 AVON PARK	1-2	69	1	0.0	91.94	0.0	62,000 LIGHT OIL	11 BBLS	5.64	62	682	68.20
23 BARTOW	1-4	228	0	0.0	79.03	0.0	0 LIGHT OIL	0 BBLS	0.00	0	36	0.00
24 BAYBORO	1-4	231	0	0.0	94.19	0.0	0 LIGHT OIL	0 BBLS	0.00	0	208	0.00
25 DEBARY	1-10	785	0	0.0	84.32	0.0	0 LIGHT OIL	0 BBLS	0.00	0	189	0.00
26 HIGGINS	1-4	129	0	0.0	89.60	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
27 OTHER		0	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
28 INT CITY	1-14	1,186	6	0.1	90.60	0.0	17,000 LIGHT OIL	18 BBLS	5.67	102	3,487	58.12
29 RIO PINAR	1	16	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
30 SUWANNEE	1-3	200	0	0.0	96.78	0.0	0 LIGHT OIL	0 BBLS	0.00	0	86	0.00
31 TURNER	1-4	199	0	0.0	0.00	0.0	0 LIGHT OIL	0 BBLS	0.00	0	0	0.00
32 OTHER & START UP		-	0	-	0.00	0.0	0 LIGHT OIL	2,362 BBLS	5.82	13,757	218,199	0.00
33 SOLAR	19	5,260	37.2	0.00	0.0	0.0	0 SOLAR	0 N/A		0	0	0.00
34 TOTAL		2,887,914								21,777,845	96,839,394	3.35

Duke Energy Florida, LLC
 Inventory Analysis
 Estimated for the Period of : January through December 2018

HEAVY OIL		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Subtotal
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		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Subtotal
13	PURCHASES:							
14	UNITS	BBL	3,323	2,582	2,602	3,191	2,762	16,542
15	UNIT COST	\$/BBL	86.85	94.58	94.41	88.74	92.86	92.61
16	AMOUNT	\$	288,618	244,196	245,658	283,157	256,492	1,531,933
17	BURNED:							
18	UNITS	BBL	3,323	2,582	2,602	3,191	2,762	16,542
19	UNIT COST	\$/BBL	86.85	94.58	94.41	88.74	92.86	92.61
20	AMOUNT	\$	288,618	244,196	245,658	283,157	256,492	1,531,933
21	ENDING INVENTORY:							
22	UNITS	BBL	907,649	907,649	907,649	907,649	907,649	907,649
23	UNIT COST	\$/BBL	111.22	111.22	111.22	111.22	111.22	111.22
24	AMOUNT	\$	100,950,380	100,950,380	100,950,380	100,950,380	100,950,380	100,950,380
COAL		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Subtotal
25	PURCHASES:							
26	UNITS	TON	393,402	335,158	344,891	357,452	398,208	2,239,712
27	UNIT COST	\$/TON	66.87	67.63	73.61	70.19	69.70	69.52
28	AMOUNT	\$	26,305,549	22,667,105	25,386,689	25,089,658	27,754,301	155,748,421
29	BURNED:							
30	UNITS	TON	393,402	335,158	344,891	357,452	398,208	2,239,712
31	UNIT COST	\$/TON	66.87	67.63	73.61	70.19	69.70	69.52
32	AMOUNT	\$	26,305,549	22,667,105	25,386,689	25,089,658	27,754,301	155,748,421
33	ENDING INVENTORY:							
34	UNITS	TON	826,945	826,945	826,945	826,945	826,945	826,945
35	UNIT COST	\$/TON	66.87	67.63	73.61	70.19	69.70	69.52
36	AMOUNT	\$	55,295,166	55,927,200	60,869,685	58,043,518	57,636,413	57,489,464
GAS		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Subtotal
37	BURNED:							
38	UNITS	MCF	14,938,181	13,150,067	14,308,985	15,421,635	19,265,554	20,638,272
39	UNIT COST	\$/MCF	5.36	5.47	5.32	4.77	4.57	4.39
40	AMOUNT	\$	80,035,097	71,884,250	76,120,494	73,499,285	87,955,935	90,633,304
NUCLEAR		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Subtotal
41	BURNED:							
42	UNITS	MMBTU	0	0	0	0	0	0
43	UNIT COST	\$/MMBTU	0.00	0.00	0.00	0.00	0.00	0.00
44	AMOUNT	\$	0	0	0	0	0	0

Duke Energy Florida, LLC
 Inventory Analysis
 Estimated for the Period of : January through December 2018

HEAVY OIL			Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
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			Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
13	PURCHASES:								
14	UNITS	BBL	2,436	936	850	1,933	1,427	2,391	26,515
15	UNIT COST	\$/BBL	97.37	151.16	160.24	100.51	113.07	93.22	99.01
16	AMOUNT	\$	237,197	141,490	136,202	194,280	161,350	222,887	2,625,339
17	BURNED:								
18	UNITS	BBL	2,436	936	850	1,933	1,427	2,391	26,515
19	UNIT COST	\$/BBL	97.37	151.16	160.24	100.51	113.07	93.22	99.01
20	AMOUNT	\$	237,197	141,490	136,202	194,280	161,350	222,887	2,625,339
21	ENDING INVENTORY:								
22	UNITS	BBL	907,649	907,649	907,649	907,649	907,649	907,649	907,649
23	UNIT COST	\$/BBL	111.22	111.22	111.22	111.22	111.22	111.22	111.22
24	AMOUNT	\$	100,950,380	100,950,380	100,950,380	100,950,380	100,950,380	100,950,380	100,950,380
COAL			Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
25	PURCHASES:								
26	UNITS	TON	422,003	433,795	351,569	330,826	311,235	214,564	4,303,704
27	UNIT COST	\$/TON	69.37	69.14	65.75	65.82	66.20	66.88	68.51
28	AMOUNT	\$	29,273,382	29,994,655	23,116,784	21,774,783	20,604,490	14,350,906	294,863,421
29	BURNED:								
30	UNITS	TON	422,003	433,795	351,569	330,826	311,235	214,564	4,303,704
31	UNIT COST	\$/TON	69.37	69.14	65.75	65.82	66.20	66.88	68.51
32	AMOUNT	\$	29,273,382	29,994,655	23,116,784	21,774,783	20,604,490	14,350,906	294,863,421
33	ENDING INVENTORY:								
34	UNITS	TON	826,945	826,945	826,945	826,945	826,945	826,945	826,945
35	UNIT COST	\$/TON	69.37	69.14	65.75	65.82	66.20	66.88	68.51
36	AMOUNT	\$	57,363,273	57,178,947	54,374,280	54,429,024	54,745,744	55,309,389	54,374,280
GAS			Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
37	BURNED:								
38	UNITS	MCF	22,027,534	22,208,153	21,608,239	18,110,138	14,806,108	16,799,843	213,282,709
39	UNIT COST	\$/MCF	4.40	4.43	4.41	4.58	4.92	4.90	4.73
40	AMOUNT	\$	96,983,250	98,295,003	95,303,079	83,029,354	72,869,702	82,265,601	1,008,874,354
NUCLEAR			Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
41	BURNED:								
42	UNITS	MMBTU	0	0	0	0	0	0	0
43	UNIT COST	\$/MMBTU	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	AMOUNT	\$	0	0	0	0	0	0	0

Duke Energy Florida, LLC
Fuel Cost of Power Sold
Estimated for the Period of : January through December 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	--	11,578		11,578	4.162	5.164	481,858	597,877	116,019
	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	--	98,716		98,716	1.599	1.599	1,578,077	1,578,077	0
	TOTAL		110,294		110,294	1.868	1.973	2,059,935	2,175,954	116,019
Feb-18	ECONSALE	--	8,621		8,621	3.512	4.357	302,740	375,632	72,892
	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	--	70,607		70,607	1.389	1.389	980,672	980,672	0
	TOTAL		79,228		79,228	1.620	1.712	1,283,412	1,356,304	72,892
Mar-18	ECONSALE	--	1,397		1,397	3.803	4.718	53,111	65,898	12,787
	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	--	105,388		105,388	1.655	1.655	1,744,660	1,744,660	0
	TOTAL		106,785		106,785	1.684	1.696	1,797,771	1,810,558	12,787
Apr-18	ECONSALE	--	9,700		9,700	3.781	4.692	366,759	455,065	88,306
	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	--	117,871		117,871	1.578	1.578	1,859,815	1,859,815	0
	TOTAL		127,571		127,571	1.745	1.815	2,226,574	2,314,880	88,306
May-18	ECONSALE	--	7,911		7,911	3.903	4.842	308,745	383,082	74,337
	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	--	133,365		133,365	1.625	1.625	2,166,954	2,166,954	0
	TOTAL		141,276		141,276	1.752	1.805	2,475,699	2,550,036	74,337
Jun-18	ECONSALE	--	6,009		6,009	4.026	4.995	241,913	300,159	58,246
	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	--	134,814		134,814	1.672	1.672	2,253,954	2,253,954	0
	TOTAL		140,823		140,823	1.772	1.814	2,495,867	2,554,113	58,246

Duke Energy Florida, LLC
Fuel Cost of Power Sold
Estimated for the Period of : January 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	--	7,764		7,764	3.732	4.631	289,749	359,512	69,763
	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	--	144,332		144,332	1.719	1.719	2,481,565	2,481,565	0
	TOTAL		152,096		152,096	1.822	1.868	2,771,314	2,841,077	69,763
Aug-18	ECONSALE	--	14,043		14,043	4.485	5.565	629,894	781,555	151,661
	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	--	144,172		144,172	1.731	1.731	2,495,298	2,495,298	0
	TOTAL		158,215		158,215	1.975	2.071	3,125,192	3,276,853	151,661
Sep-18	ECONSALE	--	6,702		6,702	3.903	4.843	261,602	324,589	62,987
	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	--	129,032		129,032	1.638	1.638	2,113,806	2,113,806	0
	TOTAL		135,734		135,734	1.750	1.796	2,375,408	2,438,395	62,987
Oct-18	ECONSALE	--	7,611		7,611	3.294	4.087	250,723	311,091	60,368
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	112,267		112,267	1.514	1.514	1,699,577	1,699,577	0
	TOTAL		119,878		119,878	1.627	1.677	1,950,300	2,010,668	60,368
Nov-18	ECONSALE	--	14,256		14,256	3.514	4.360	500,934	621,547	120,613
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	78,454		78,454	1.253	1.253	983,014	983,014	0
	TOTAL		92,710		92,710	1.601	1.731	1,483,948	1,604,561	120,613
Dec-18	ECONSALE	--	13,286		13,286	2.987	3.706	396,793	492,330	95,537
	ECONOMY	C	0		0	0.000	0.000	0	0	0
	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	95,861		95,861	1.452	1.452	1,391,844	1,391,844	0
	TOTAL		109,147		109,147	1.639	1.726	1,788,637	1,884,174	95,537
Jan-18	ECONSALE	--	108,878		108,878	3.752	4.655	4,084,821	5,068,337	983,516
THRU	ECONOMY	C	0		0	0.000	0.000	0	0	0
Dec-18	EXCESS GAI	--	0		0	0.000	0.000	0	0	0
	SALE OTHER	--	0		0	0.000	0.000	0	0	0
	STRATIFIED	--	1,364,879		1,364,879	1.593	1.593	21,749,236	21,749,236	0
	TOTAL		1,473,757		1,473,757	1.753	1.820	25,834,057	26,817,573	983,516

Duke Energy Florida, LLC
Purchased Power
(Exclusive of Economy & QF Purchases)
Estimated for the Period of : January 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
	SHADY HILLS	--	4,507			4,507	6.716	6.716	302,709
	SOCO Franklin	--	41,719			41,719	3.510	3.510	1,464,165
	Vandolah (NSG)	--	12,515			12,515	6.406	6.406	801,701
	TOTAL			58,741	0	0	58,741	4.373	4.373
Feb-18	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	0			0	0.000	0.000	834
	SOCO Franklin	--	23,293			23,293	3.507	3.507	816,773
	Vandolah (NSG)	--	669			669	13.702	13.702	91,694
	TOTAL			23,962	0	0	23,962	3.795	3.795
Mar-18	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	10,966			10,966	6.085	6.085	667,257
	SOCO Franklin	--	166,466			166,466	3.249	3.249	5,407,813
	Vandolah (NSG)	--	53,863			53,863	6.185	6.185	3,331,233
	TOTAL			231,296	0	0	231,296	4.067	4.067
Apr-18	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	2,471			2,471	5.666	5.666	139,980
	SOCO Franklin	--	74,605			74,605	3.034	3.034	2,263,765
	Vandolah (NSG)	--	47,563			47,563	5.886	5.886	2,799,375
	TOTAL			124,639	0	0	124,639	4.175	4.175
May-18	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	6,774			6,774	5.275	5.275	357,329
	SOCO Franklin	--	93,634			93,634	3.008	3.008	2,816,299
	Vandolah (NSG)	--	70,211			70,211	5.729	5.729	4,022,513
	TOTAL			170,619	0	0	170,619	4.218	4.218
Jun-18	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	32,439			32,439	4.920	4.920	1,596,001
	SOCO Franklin	--	128,643			128,643	2.984	2.984	3,838,679
	Vandolah (NSG)	--	96,466			96,466	5.388	5.388	5,198,008
	TOTAL			257,548	0	0	257,548	4.128	4.128
Jan-18 THRU Jun-18	OTHER	--	0			0	0.000	0.000	0
	SHADY HILLS	--	57,156			57,156	5.361	5.361	3,064,110
	SOCO Franklin	--	528,361			528,361	3.143	3.143	16,607,494
	Vandolah (NSG)	--	281,288			281,288	5.775	5.775	16,244,524
	TOTAL		866,805	0	0	866,805	4.144	4.144	35,916,128

Duke Energy Florida, LLC
Energy Payments to Qualifying Facilities
Estimated for the Period of : January 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	QUAL. FACILITIES	COGEN	310,589			310,589	4.384	12.508	13,616,143
Feb-18	QUAL. FACILITIES	COGEN	280,814			280,814	4.383	13.369	12,308,920
Mar-18	QUAL. FACILITIES	COGEN	269,839			269,839	4.667	14.018	12,592,884
Apr-18	QUAL. FACILITIES	COGEN	269,121			269,121	4.501	13.876	12,112,794
May-18	QUAL. FACILITIES	COGEN	312,603			312,603	4.425	12.497	13,834,004
Jun-18	QUAL. FACILITIES	COGEN	322,085			322,085	4.399	12.233	14,167,384
Jul-18	QUAL. FACILITIES	COGEN	330,089			330,089	4.411	12.055	14,560,967
Aug-18	QUAL. FACILITIES	COGEN	331,410			331,410	4.389	12.003	14,546,596
Sep-18	QUAL. FACILITIES	COGEN	315,199			315,199	4.388	12.393	13,830,949
Oct-18	QUAL. FACILITIES	COGEN	278,460			278,460	4.343	13.404	12,093,665
Nov-18	QUAL. FACILITIES	COGEN	288,867			288,867	4.102	12.837	11,849,985
Dec-18	QUAL. FACILITIES	COGEN	336,167			336,167	4.227	11.733	14,210,657
TOTAL	QUAL. FACILITIES	COGEN	3,645,241			3,645,241	4.382	12.688	159,724,948

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

(1) MONTH	(2) PURCHASE	(3) TYPE & SCHED	(4) TOTAL MWH PURCHASED	(5) TRANSACTION COST		(7) TOTAL \$ FOR FUEL ADJ (4) x (5)	(8) COST IF GENERATED		(9) FUEL SAVINGS (8)(B) - (7)
				ENERGY COST C/KWH	TOTAL COST C/KWH		(A) C/KWH	(B) \$	
Jan-18	ECONPURCH	--	2,950	4.240	4.240	125,077	5.417	159,778	34,701
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			2,950	4.240	4.240	125,077	5.417	159,778	34,701
Feb-18	ECONPURCH	--	2,474	4.392	4.392	108,678	5.611	138,828	30,150
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			2,474	4.392	4.392	108,678	5.611	138,828	30,150
Mar-18	ECONPURCH	--	5,384	4.396	4.396	236,699	5.616	302,354	65,655
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			5,384	4.396	4.396	236,699	5.616	302,354	65,655
Apr-18	ECONPURCH	--	2,050	4.951	4.951	101,474	6.324	129,620	28,146
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			2,050	4.951	4.951	101,474	6.324	129,620	28,146
May-18	ECONPURCH	--	1,948	5.185	5.185	101,006	6.623	129,024	28,018
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			1,948	5.185	5.185	101,006	6.623	129,024	28,018
Jun-18	ECONPURCH	--	1,876	5.941	5.941	111,435	7.589	142,337	30,902
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			1,876	5.941	5.941	111,435	7.589	142,337	30,902
Jan-18 THRU Jun-18	ECONPURCH	--	16,681	4.702	4.702	784,369	6.01	1,001,941	217,572
	SEPA	--	0	0.000	0.000	0	-	0	-
TOTAL			16,681	4.702	4.702	784,369	6.006	1,001,941	217,572

Duke Energy Florida, LLC
Economy Energy Purchases
Estimated for the Period of : January 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)
				(5) ENERGY COST C/KWH	(6) TOTAL COST C/KWH		(A) C/KWH	(B) \$	
Jul-18	ECONPURCH	--	2,371	6.565	6.565	155,677	8.385	198,849	43,172
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			2,371	6.565	6.565	155,677	8.385	198,849	43,172
Aug-18	ECONPURCH	--	1,335	5.277	5.277	70,424	6.742	89,966	19,542
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			1,335	5.277	5.277	70,424	6.742	89,966	19,542
Sep-18	ECONPURCH	--	2,619	4.994	4.994	130,775	6.379	167,043	36,268
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			2,619	4.994	4.994	130,775	6.379	167,043	36,268
Oct-18	ECONPURCH	--	3,180	4.719	4.719	150,082	6.028	191,713	41,631
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			3,180	4.719	4.719	150,082	6.028	191,713	41,631
Nov-18	ECONPURCH	--	4,798	4.064	4.064	194,991	5.191	249,072	54,081
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			4,798	4.064	4.064	194,991	5.191	249,072	54,081
Dec-18	ECONPURCH	--	1,888	3.687	3.687	69,612	4.710	88,916	19,304
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			1,888	3.687	3.687	69,612	4.710	88,916	19,304
Jan-18 THRU Dec-18	ECONPURCH	--	32,872	4.733	4.733	1,555,930	6.046	1,987,500	431,570
	SEPA	--	0	0.000	0.000	0	0.000	0	-
TOTAL			32,872	4.733	4.733	1,555,930	6.046	1,987,500	431,570

Duke Energy Florida, LLC
Fuel and Purchased Power Cost Recovery Clause
Residential Bill Comparison
Estimated for the Period of : January 2018 *

	Current	Requested	Difference	
	Jul-2017 * (\$/1000 kWh)	Jan-2018 * (\$/1000 kWh)	\$	%
Base Rate *	60.47	\$60.96	\$0.49	0.81%
Fuel Cost Recovery	33.77	38.38	4.61	13.65%
Capacity Cost Recovery (CCR)	11.38	12.81	1.43	12.57%
Energy Conservation Cost Recovery (ECCR)	3.17	3.28	0.11	3.47%
Environmental Cost Recovery (ECRC)	1.51	1.58	0.07	4.64%
Nuclear CR3 Uprate	1.56	1.52	(0.04)	-2.56%
Asset Securitization Charge (ASC) **	3.59	2.26	(1.33)	0.00%
Subtotal	115.45	120.79	5.34	4.63%
Gross Receipts Tax	2.96	3.10	0.14	4.73%
Total	\$118.41	\$123.89	\$5.48	4.63%

* 2018 Base Rate pursuant to 2017 Second Revised and Restated Stipulation & Settlement filed on 8/29/18 in Docket No. 20170183-EI.

** The ASC factor approved in a financing order issued to DEF by the Commission is adjusted at least semi-annually (March & September) to ensure timely payment of principal, interest and financing costs of nuclear asset-recovery bonds. The January 2018 factor is the proposed adjustment to be effective September 2017 as filed with the Commission on June 29, 2017 in Docket No. 20150171-EI.

Duke Energy Florida, LLC
 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	14,110,725	4.132	\$ 583,055,163	3.838	\$ 541,515,822
Over 1,000 kWh	5,886,939	4.132	243,248,325	4.838	284,787,667
Total	<u>19,997,664</u>		<u>\$ 826,303,488</u>		<u>\$ 826,303,488</u>
Rate Differential by Tier - Cents per kWh				1.000	
Residential Sales:					
Total	19,998,223				
Time of Use	559				
Levelized	<u>19,997,664</u>				

Duke Energy Florida, LLC
Generating System Comparative Data by Fuel Type

	2015 Actual	2016 Actual	2017 Actual/Estimated	2018 Projection	2016 vs. 2015	2017 vs. 2016	2018 vs. 2017
FUEL COST OF SYSTEM NET GENERATION (\$)							
HEAVY OIL	0	0	0	0	0.0%	0.0%	0.0%
LIGHT OIL	20,687,452	18,516,067	7,062,792	2,625,339	-10.5%	-61.9%	-62.8%
COAL	379,954,861	339,340,725	352,943,879	294,863,421	-10.7%	4.0%	-16.5%
GAS	947,933,972	834,543,700	921,171,823	1,008,874,354	-12.0%	10.4%	9.5%
NUCLEAR	0	0	0	0	0.0%	0.0%	0.0%
OTHER	0	0	0	0	0.0%	0.0%	0.0%
TOTAL	1,348,576,284	1,192,400,492	1,281,178,493	1,306,363,114	-11.6%	7.4%	2.0%
SYSTEM NET GENERATION (mWh)							
HEAVY OIL	0	0	0	0	0.0%	0.0%	0.0%
LIGHT OIL	72,848	76,916	25,322	337	5.6%	-67.1%	-98.7%
COAL	9,718,456	8,851,647	10,243,040	9,384,853	-8.9%	15.7%	-8.4%
GAS	25,227,323	24,822,412	26,125,366	28,331,496	-1.6%	5.2%	8.4%
NUCLEAR	0	0	0	0	0.0%	0.0%	0.0%
SOLAR	0	5,305	17,547	36,721	0.0%	230.8%	109.3%
OTHER	0	0	0	0	0.0%	0.0%	0.0%
TOTAL	35,018,627	33,756,280	36,411,274	37,753,407	-3.6%	7.9%	3.7%
UNITS OF FUEL BURNED							
HEAVY OIL BBL	0	0	0	0	0.0%	0.0%	0.0%
LIGHT OIL BBL	162,382	172,049	65,880	26,515	6.0%	-61.7%	-59.8%
COAL TON	4,425,252	4,181,357	4,656,926	4,303,704	-5.5%	11.4%	-7.6%
GAS MCF	198,464,799	199,365,868	203,833,196	213,282,709	0.5%	2.2%	4.6%
NUCLEAR MMBTU	0	0	0	0	0.0%	0.0%	0.0%
OTHER	0	0	0	0	0.0%	0.0%	0.0%
BTUS BURNED (MMBTU)							
HEAVY OIL	0	0	0	0	0.0%	0.0%	0.0%
LIGHT OIL	927,656	992,122	380,349	154,466	6.9%	-61.7%	-59.4%
COAL	102,196,707	93,670,913	106,123,811	99,594,950	-8.3%	13.3%	-6.2%
GAS	203,148,563	203,963,866	205,926,092	213,282,709	0.4%	1.0%	3.6%
NUCLEAR	0	0	0	0	0.0%	0.0%	0.0%
OTHER	0	0	0	0	0.0%	0.0%	0.0%
TOTAL	306,272,926	298,626,901	312,430,252	313,032,125	-2.5%	4.6%	0.2%
GENERATION MIX (% mWh)							
HEAVY OIL	0.00%	0.00%	0.00%	0.00%	0.0%	0.0%	0.0%
LIGHT OIL	0.21%	0.23%	0.07%	0.00%	0.0%	-87.7%	-142.9%
COAL	27.75%	26.22%	28.13%	24.86%	-5.4%	7.2%	-11.7%
GAS	72.04%	73.53%	71.75%	75.04%	2.1%	-2.4%	4.6%
NUCLEAR	0.00%	0.00%	0.00%	0.00%	0.0%	0.0%	0.0%
SOLAR	0.00%	0.02%	0.05%	0.10%	0.0%	0.0%	0.0%
OTHER	0.00%	0.00%	0.00%	0.00%	0.0%	0.0%	0.0%
TOTAL	100.00%	100.00%	100.00%	100.00%	0.0%	0.0%	0.0%
FUEL COST PER UNIT							
HEAVY OIL \$/BBL	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
LIGHT OIL \$/BBL	127.40	107.62	107.21	99.01	-15.5%	-0.4%	-7.6%
COAL \$/TON	85.86	81.16	75.79	68.51	-5.5%	-6.6%	-9.6%
GAS \$/MCF	4.78	4.19	4.52	4.73	-12.4%	8.0%	4.7%
NUCLEAR \$/MMBTU	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
FUEL COST PER MMBTU (\$/MMBTU)							
HEAVY OIL	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
LIGHT OIL	22.30	18.66	18.57	17.00	-16.3%	-0.5%	-8.5%
COAL	3.72	3.62	3.33	2.96	-2.6%	-8.2%	-11.0%
GAS	4.67	4.09	4.47	4.73	-12.3%	9.3%	5.7%
NUCLEAR	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
TOTAL	4.40	3.99	4.10	4.17	-9.3%	2.7%	1.8%
BTU BURNED PER kWh (BTU/kWh)							
HEAVY OIL	0	0	0	0	0.0%	0.0%	0.0%
LIGHT OIL	12,734	12,899	15,021	458,628	1.3%	16.5%	2953.3%
COAL	10,516	10,582	10,361	10,612	0.6%	-2.1%	2.4%
GAS	8,053	8,217	7,882	7,528	2.0%	-4.1%	-4.5%
NUCLEAR	0	0	0	0	0.0%	0.0%	0.0%
OTHER	0	0	0	0	0.0%	0.0%	0.0%
TOTAL	8,746	8,847	8,581	8,291	1.1%	-3.0%	-3.4%
GENERATED FUEL COST PER kWh (C/kWh)							
HEAVY OIL	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
LIGHT OIL	28.40	24.07	27.89	779.49	-15.2%	15.9%	2694.7%
COAL	3.91	3.83	3.45	3.14	-1.9%	-10.1%	-8.8%
GAS	3.76	3.36	3.53	3.56	-10.5%	4.9%	1.0%
NUCLEAR	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
TOTAL	3.85	3.53	3.52	3.46	-8.3%	-0.4%	-1.6%

DUKE ENERGY FLORIDA, LLC
Fuel and Capacity Cost Recovery Factor
January through December 2018

PART 3 – 2018 CAPACITY COST RECOVERY SCHEDULES

Schedule E12-A – Calculation of Projected Capacity Costs

Schedule E12-B – Calculation of Actual/Estimated True-up

Schedule E12-D – Calculation of Energy and Demand Percent by Rate Class

Schedule E12-E – Calculation of Capacity Cost Recovery Factors by Rate Class

	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	9,611,349
8 US EcoGen	-	-	-	-	-	-	-	-	-	-	-	-	-
9 Subtotal - Base Level Capacity Costs	25,231,784	25,231,784	25,231,784	25,231,784	25,231,784	25,231,784	25,231,784	25,231,784	25,231,784	25,231,784	25,231,784	25,231,784	302,781,413
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	281,238,512
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	-	-	-	-	-	-	-	-	-	-	-	-	-
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 RRSA 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	33,217,208	29,728,343	29,779,024	31,907,807	404,721,485
30 Actual/Estimated True-Up Provision - Jan - Dec 2017													5,121,339
31 Total Capacity Costs w/ True-Up													409,842,825
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

Contract Data:

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

	ACT Jan-17	ACT Feb-17	ACT Mar-17	ACT Apr-17	ACT May-17	ACT Jun-17	EST Jul-17	EST Aug-17	EST Sep-17	EST Oct-17	EST Nov-17	EST Dec-17	TOTAL
1 Base Production Level Capacity Costs													
2 Orange Cogen (ORANGE CO)	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	5,071,564	60,858,764
3 Orlando Cogen Limited (ORLACOGL)	5,102,804	5,102,804	5,102,804	5,102,804	5,089,383	5,094,138	5,102,803	5,102,803	5,102,803	5,102,803	5,102,803	5,102,803	61,211,555
4 Pasco County Resource Recovery (PASCOUNT)	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	1,784,800	21,417,600
5 Pinellas County Resource Recovery (PINCOUNT)	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	4,248,600	50,983,200
6 Polk Power Partners, L.P. (MULBERRY/ROYSTER)	6,733,888	6,656,139	6,675,150	6,669,159	6,662,563	6,900,122	6,965,674	6,965,674	6,965,674	6,965,674	6,965,674	6,965,674	82,091,068
7 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)	1,097,143	646,573	648,924	678,961	684,116	705,834	800,946	800,946	800,946	800,946	800,946	800,946	9,267,226
8 US EcoGen	-	-	-	(3,000)	(90,000)	(93,000)	-	-	-	-	-	-	(186,000)
9 Calpine Osprey	92,394	-	-	-	-	-	-	-	-	-	-	-	92,394
10 Subtotal - Base Level Capacity Costs	24,131,193	23,510,479	23,531,842	23,552,887	23,451,026	23,712,058	23,974,387	23,974,387	23,974,387	23,974,387	23,974,387	23,974,387	285,735,807
11 Base Production Jurisdictional Responsibility	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	92.885%	
12 Base Level Jurisdictional Capacity Costs	22,414,258	21,837,709	21,857,551	21,877,099	21,782,485	22,024,945	22,268,609	22,268,609	22,268,609	22,268,609	22,268,609	22,268,609	265,405,704
13 Intermediate Production Level Capacity Costs													
14 Southern Franklin	4,485,507	4,630,269	2,673,583	2,669,458	2,955,813	6,057,918	6,260,918	6,260,918	4,623,002	2,712,100	2,712,100	3,531,058	49,572,645
15 Schedule H Capacity Sales - NSB & RCID	-	-	-	-	-	-	-	-	-	-	-	-	-
16 Subtotal - Intermediate Level Capacity Costs	4,485,507	4,630,269	2,673,583	2,669,458	2,955,813	6,057,918	6,260,918	6,260,918	4,623,002	2,712,100	2,712,100	3,531,058	49,572,645
17 Intermediate Production Jurisdictional Responsibility	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	72.703%	
18 Intermediate Level Jurisdictional Capacity Costs	3,261,098	3,366,345	1,943,775	1,940,776	2,148,965	4,404,288	4,551,875	4,551,875	3,361,061	1,971,778	1,971,778	2,567,185	36,040,800
19 Peaking Production Level Capacity Costs													
20 Shady Hills	1,954,260	1,954,260	1,395,900	1,374,300	1,924,020	3,912,300	3,856,015	3,856,015	1,799,474	1,354,816	1,354,816	1,955,104	26,691,280
21 Vandolah (NSG)	2,924,309	2,889,528	1,965,274	1,943,845	2,795,467	5,785,430	5,539,623	5,495,150	2,629,977	1,937,310	1,981,783	2,788,227	38,675,923
22 Other	-	-	-	-	-	-	-	-	-	-	-	-	-
23 Subtotal - Peaking Level Capacity Costs	4,878,569	4,843,788	3,361,174	3,318,145	4,719,487	9,697,730	9,395,638	9,351,165	4,429,451	3,292,126	3,336,599	4,743,331	65,367,203
24 Peaking Production Jurisdictional Responsibility	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	95.924%	
25 Peaking Level Jurisdictional Capacity Costs	4,679,718	4,646,355	3,224,173	3,182,897	4,527,121	9,302,450	9,012,672	8,970,012	4,248,907	3,157,939	3,200,600	4,549,993	62,702,836
26 Other Capacity Costs													
27 Retail Wheeling	(23,615)	(2,605)	(13,552)	(1,023)	(49,903)	(27)	(24,689)	(20,202)	(4,376)	(2,342)	(12,596)	(17,124)	(172,054)
28 RRSSA Second Amendment ¹													
29 Batch-19 Nuclear Fuel ²													
30 ASC Servicing Fees ³							(296,269)						(296,269)
31 Total Other Capacity Costs	1,768,743	1,785,790	1,770,879	1,779,445	1,726,601	1,772,514	1,447,620	1,744,413	1,756,275	1,754,346	1,740,128	1,674,699	20,721,452
32 Total Capacity Costs (Line 12+18+25+31)	32,123,817	31,636,198	28,796,378	28,780,217	30,185,172	37,504,198	37,280,776	37,534,909	31,634,852	29,152,673	29,181,116	31,060,486	384,870,792
33 Nuclear Cost Recovery Clause													
34 Levy Costs	-	-	-	-	-	-	-	-	-	-	-	-	-
35 CR3 Uprate Costs	4,459,192	4,431,769	4,404,346	4,376,920	4,349,497	4,322,073	4,294,649	4,267,226	4,239,801	4,212,377	4,184,953	4,157,530	51,700,333
36 Total Recoverable Nuclear Costs	4,459,192	4,431,769	4,404,346	4,376,920	4,349,497	4,322,073	4,294,649	4,267,226	4,239,801	4,212,377	4,184,953	4,157,530	51,700,333
37													
38 ISFSI Revenue Requirement ⁴	-	-	-	-	-	-	697,042	710,787	766,141	770,260	771,297	772,653	4,488,180
39													
40 Total Recov Capacity & Nuclear Costs (Line 32+36+38)	36,583,010	36,067,968	33,200,724	33,157,137	34,534,669	41,826,271	42,272,467	42,512,921	36,640,795	34,135,309	34,137,366	35,990,669	441,059,305
41 Capacity Revenues													
42 Capacity Cost Recovery Revenues (net of tax)	28,519,282	29,627,699	28,061,262	31,308,667	35,187,257	38,498,070	41,005,606	42,944,849	41,950,646	38,649,455	32,526,800	30,799,664	419,079,255
43 Prior Period True-Up Provision Over/(Under) Recovery	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	1,222,103	14,665,234
44 Current Period Revenues (net of tax)	29,741,384	30,849,802	29,283,365	32,530,770	36,409,359	39,720,172	42,227,709	44,166,952	43,172,749	39,871,557	33,748,903	32,021,766	433,744,489
45 True-Up Provision													
46 True-Up Provision - Over/(Under) Recov (Line 44-40)	(6,841,625)	(5,218,166)	(3,917,359)	(626,366)	1,874,691	(2,106,099)	(44,758)	1,654,030	6,531,954	5,736,248	(388,463)	(3,968,903)	(7,314,816)
47 Interest Provision for the Month	7,805	3,244	(128)	(2,766)	(3,217)	(4,786)	(3,641)	(3,459)	(1,203)	715	31	(2,175)	(9,581)
48 Current Cycle Balance - Over/(Under)	(6,833,820)	(12,048,743)	(15,966,230)	(16,595,363)	(14,723,889)	(16,834,773)	(16,883,172)	(15,232,600)	(8,701,850)	(2,964,887)	(3,353,319)	(7,324,397)	(7,324,397)
49 Prior Period Balance - Over/(Under) Recovered	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292	16,868,292
50 Prior Period Cumulative True-Up Collected/(Refunded)	(1,222,103)	(2,444,206)	(3,666,309)	(4,888,411)	(6,110,514)	(7,332,617)	(8,554,720)	(9,776,823)	(10,998,926)	(12,221,028)	(13,443,131)	(14,665,234)	(14,665,234)
51 Prior Period True-up Balance - Over/(Under)	15,646,189	14,424,086	13,201,983	11,979,880	10,757,777	9,535,675	8,313,572	7,091,469	5,869,366	4,647,263	3,425,160	2,203,058	2,203,058
52 Net Capacity True-up Over/(Under) (Line 48+51)	\$8,812,368	\$2,375,343	(\$2,764,247)	(\$4,615,482)	(\$3,966,111)	(\$7,299,099)	(\$8,569,600)	(\$8,141,131)	(\$2,832,483)	\$1,682,376	\$71,841	(\$5,121,339)	(\$5,121,339)

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

² Approved in Commission Order No. PSC-2015-0465-S-EI

³ Approved in Commission Order No. PSC-2015-0537-FOF-EI

⁴ Approved in Commission Order No. PSC-2016-0425-PAA-EI

Rate Class	(1) Average 12CP Load Factor at Meter (%)	(2) Sales at Meter (MWh)	(3) Avg 12 CP at Meter (MW)	(4) Delivery Efficiency Factor	(5) Sales at Source (Generation) (MWh)	(6) Avg 12 CP at Source (MW)	(7) Annual Average Demand (MWh)	(8) Annual Average Demand Allocator (%)	(9) 12CP Allocator (%)	(10) 12CP 1/13 AD Demand Allocator (%)	(11) Base Energy & Demand Revenues (\$000s)	(12) ISFSI Uniform Percent Allocation (\$000s)
Residential												
RS-1, RST-1, RSL-1, RSL-2, RSS-1												
Secondary	0.518	19,998,223	4,407.79	0.9373898	21,333,945	4,702.20	2,435.38	51.864%	61.806%	61.041%	1,169,539	5,885
General Service Non-Demand												
GS-1, GST-1												
Secondary	0.682	1,915,364	320.78	0.9373898	2,043,295	342.21	233.25	4.967%	4.498%	4.534%		
Primary	0.682	20,645	3.46	0.9737076	21,202	3.55	2.42	0.052%	0.047%	0.047%		
Transmission	0.682	2,481	0.42	0.9837076	2,522	0.42	0.29	0.006%	0.006%	0.006%		
								5.025%	4.550%	4.587%	111,572	561
General Service												
GS-2												
Secondary	1.000	173,218	19.77	0.9373898	184,787	21.09	21.09	0.449%	0.277%	0.290%	3,816	19
General Service Demand												
GSD-1, GSDT-1												
Secondary	0.749	11,851,002	1,806.96	0.9373898	12,642,554	1,927.65	1,443.21	30.735%	25.337%	25.752%		
Transm Del/ Primary Mtr	0.749	1,968	0.30	0.9737076	2,021	0.31	0.23	0.005%	0.004%	0.004%		
Sec Del/Primary Mtr	0.749	36,834	5.62	0.9737076	37,829	5.77	4.32	0.092%	0.076%	0.077%		
Primary	0.749	2,168,825	330.69	0.9737076	2,227,388	339.62	254.27	5.415%	4.464%	4.537%		
SS-1 Primary	1.166	39,299	3.85	0.9737076	40,360	3.95	4.61	0.098%	0.052%	0.056%		
Transm Del/ Primary Mtr	1.166	2,139	0.21	0.9737076	2,197	0.22	0.25	0.005%	0.003%	0.003%		
Transmission	1.166	7,627	0.75	0.9837076	7,753	0.76	0.89	0.019%	0.010%	0.011%		
								36.369%	29.946%	30.440%	497,419	2,503
Curtaillable												
CS-1, CST-1, CS-2, CST-2, SS-3												
Primary	1.305	71,149	6.22	0.9737076	73,070	6.39	8.34	0.178%	0.084%	0.091%		
SS-3 Primary	0.583	55,813	10.93	0.9737076	57,320	11.23	6.54	0.139%	0.148%	0.147%		
								0.317%	0.232%	0.238%	5,268	27
Interruptible												
IS-1, IST-1, IS-2, IST-2												
Secondary	1.009	88,807	10.04	0.9373898	94,739	10.71	10.81	0.230%	0.141%	0.148%		
Sec Del/Primary Mtr	1.009	4,677	0.53	0.9737076	4,803	0.54	0.55	0.012%	0.007%	0.007%		
Primary Del / Primary Mtr	1.009	1,263,456	142.88	0.9737076	1,297,572	146.74	148.12	3.154%	1.929%	2.023%		
Primary Del / Transm Mtr	1.009	265	0.03	0.9837076	269	0.03	0.03	0.001%	0.000%	0.000%		
Transm Del/ Primary Mtr	1.009	222,565	25.17	0.9737076	228,575	25.85	26.09	0.556%	0.340%	0.356%		
Transm Del/ Transm Mtr	1.009	313,757	35.48	0.9837076	318,954	36.07	36.41	0.775%	0.474%	0.497%		
SS-2 Primary	0.870	8,991	1.18	0.9737076	9,234	1.21	1.05	0.022%	0.016%	0.016%		
Transm Del/ Primary Mtr	0.870	90,375	11.86	0.9737076	92,815	12.18	10.60	0.226%	0.160%	0.165%		
Transmission	0.870	6,821	0.90	0.9837076	6,934	0.91	0.79	0.017%	0.012%	0.012%		
								4.993%	3.079%	3.226%	55,036	277
Lighting												
LS-1 (Secondary)												
	5.506	378,883	7.86	0.9373898	404,190	8.38	46.14	0.983%	0.110%	0.177%	8,706	44
Total		38,723,184	7,153.67		41,134,330	7,607.99	4,695.70	100.000%	100.000%	100.000%	1,851,356	9,315

Notes:

- (1) Average 12CP load factor based on load research study filed July 31, 2015 (FPSC rule 25-6.0437 (7))
- (2) Projected mWh sales for the period Jan-Dec 2018
- (3) Calculated: Column 2 / (8,760 hours x Column 1)
- (4) Based on system average line loss analysis for 2016
- (5) Calculated: Column 2 / Column 4
- (6) Calculated: Column 3 / Column 4

- (7) Calculated: Column 5 / 8,760 hours
- (8) Calculated: Column 7 / Total Column 7
- (9) Calculated: Column 6 / Total Column 6
- (10) Calculated: Column 8 x 1/13 + Column 9 x 12/13
- (11) Projected Base Energy & Demand Revenues for Jan-Dec 2018
- (12) Uniform Percent Calculated: Column 12 Total / Column 11 Total
 Calculated: Column 11 x Uniform Percent

Rate Class	(1) 12CP 1/13 AD Demand Allocator (%)	(2) Effective mWh at Secondary Level (MWh)	(3) Capacity Production Demand Costs (\$)	(4) ISFSI Dry Cask Storage Costs (\$)	(5) CR3 Production Demand Costs (\$)	(6) Capacity + Nuclear + ISFSI Production Demand Costs (\$)	(7) Capacity CCR Factor (c/kWh)	(8) ISFSI CCR Factor (c/kWh)	(9) CR3 CCR Factor (c/kWh)	(10) Capacity & Nuclear CCR Factor (c/kWh)
Residential										
RS-1, RST-1, RSL-1, RSL-2, RSS-1										
Secondary	61.041%	19,998,223	\$250,353,360	\$5,884,702	\$30,306,045	\$286,544,108	1.252	0.029	0.152	1.433
General Service Non-Demand										
GS-1, GST-1										
Secondary		1,915,364					0.971	0.029	0.117	1.117
Primary		20,439					0.961	0.029	0.116	1.106
Transmission		2,431					0.952	0.028	0.115	1.095
TOTAL GS	4.587%	1,938,234	18,812,005	561,392	2,277,251	21,650,648				
General Service										
GS-2										
Secondary	0.290%	173,218	1,191,429	19,201	144,226	1,354,856	0.688	0.011	0.083	0.782
General Service Demand										
GSD-1, GSDT-1, SS-1										
Secondary		11,851,002								
Primary		2,226,574								
Transmission		7,474								
TOTAL GSD	30.440%	14,085,051	124,845,172	2,502,833	15,112,893	142,460,898				
Curtable										
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3										
Secondary		-								
Primary		125,692								
Transmission		-								
TOTAL CS	0.238%	125,692	976,821	26,504	118,247	1,121,572				
Interruptible										
IS-1, IST-1, IS-2, IST-2, SS-2										
Secondary		88,807								
Primary		1,574,163								
Transmission		314,426								
TOTAL IS	3.226%	1,977,397	13,232,114	276,923	1,601,788	15,110,825				
Lighting										
LS-1										
Secondary	0.177%	378,883	727,011	43,803	88,007	858,821	0.192	0.012	0.023	0.227
Total	100.000%	38,676,697	\$410,137,911	\$9,315,359	\$49,648,457	\$469,101,728	1.060	0.024	0.128	1.212

- Notes:
- | | |
|---|---|
| (1) From Schedule E12-D, Column 10 | (9) (Column 5 / Column 2) / 10 |
| (2) Projected mWh sales at effective voltage level for Jan-Dec 2018 | (10) Column 7 + Column 8 + Column 9 |
| (3) Column 1 x Total Recoverable Payments (Schedule E12-A) | (11) Class Billing kW Load Factor |
| (4) From Schedule E12-D, Column 12 | (12) Column 2 x 1000 / 8,760 / Column 11 x 12 |
| (5) Column 1 x Total Recoverable Payments (Schedule E12-A) | (13) Column 3 / Column 12 |
| (6) Column 3 + Column 4 + Column 5 | (14) Column 4 / Column 12 |
| (7) (Column 3 / Column 2) / 10 | (15) Column 5 / Column 12 |
| (8) (Column 4 / Column 2) / 10 | (16) Column 6 / Column 12 |

Rate Class	(1) 12CP 1/13 AD Demand Allocator (%)	(2) Effective mWh at Secondary Level (MWh)	(3) Capacity Production Demand Costs (\$)	(4) ISFSI Dry Cask Storage Costs (\$)	(5) CR3 Production Demand Costs (\$)	(6) Capacity + Nuclear + ISFSI Production Demand Costs (\$)	(11) Billing KW Load Factor (%)	(12) Projected Effective KW at Meter Level (kW)	(13) Capacity CCR Factor (\$/kW-mo)	(14) ISFSI CCR Factor (\$/kW-mo)	(15) CR3 CCR Factor (\$/kW-mo)	(16) Capacity & Nuclear CCR Factor (\$/kW-mo)
Residential												
RS-1, RST-1, RSL-1, RSL-2, RSS-1												
Secondary	61.041%	19,998,223	\$250,353,360	\$5,884,702	\$30,306,045	\$286,544,108						
General Service Non-Demand												
GS-1, GST-1												
Secondary		1,915,364										
Primary		20,439										
Transmission		2,431										
TOTAL GS	4.587%	1,938,234	18,812,005	561,392	2,277,251	21,650,648						
General Service												
GS-2												
Secondary	0.290%	173,218	1,191,429	19,201	144,226	1,354,856						
General Service Demand												
GSD-1, GSDT-1, SS-1												
Secondary		11,851,002							3.56	0.07	0.43	4.06
Primary		2,226,574							3.52	0.07	0.43	4.02
Transmission		7,474							3.49	0.07	0.42	3.98
TOTAL GSD	30.440%	14,085,051	124,845,172	2,502,833	15,112,893	142,460,898	55.00%	35,081,072				
Curtable												
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3												
Secondary		-							2.32	0.06	0.28	2.66
Primary		125,692							2.30	0.06	0.28	2.63
Transmission		-							2.27	0.06	0.27	2.61
TOTAL CS	0.238%	125,692	976,821	26,504	118,247	1,121,572	40.90%	420,981				
Interruptible												
IS-1, IST-1, IS-2, IST-2, SS-2												
Secondary		88,807							2.71	0.06	0.33	3.09
Primary		1,574,163							2.68	0.06	0.33	3.06
Transmission		314,426							2.66	0.06	0.32	3.03
TOTAL IS	3.226%	1,977,397	13,232,114	276,923	1,601,788	15,110,825	55.40%	4,889,463				
Lighting												
LS-1												
Secondary	0.177%	378,883	727,011	43,803	88,007	858,821						
Total	100.000%	38,676,697	\$410,137,911	\$9,315,359	\$49,648,457	\$469,101,728						

- Notes:
- (1) From Schedule E12-D, Column 10
 - (2) Projected mWh sales at effective voltage level for Jan-Dec 2018
 - (3) Column 1 x Total Recoverable Payments (Schedule E12-A)
 - (4) From Schedule E12-D, Column 12
 - (5) Column 1 x Total Recoverable Payments (Schedule E12-A)
 - (6) Column 3 + Column 4 + Column 5
 - (7) (Column 3 / Column 2) / 10
 - (8) (Column 4 / Column 2) / 10
 - (9) (Column 5 / Column 2) / 10
 - (10) Column 7 + Column 8 + Column 9
 - (11) Class Billing kW Load Factor
 - (12) Column 2 x 1000 / 8,760 / Column 11 x 12
 - (13) Column 3 / Column 12
 - (14) Column 4 / Column 12
 - (15) Column 5 / Column 12
 - (16) Column 6 / Column 12

*Calculation of Standby Service kW Charges:			
	Capacity + Nuclear Cost	Effective kW	\$/kW
Total GSD, CS, IS	\$158,693,295	40,391,516	3.93
SS-1, 2, 3 - \$/kW-mo			
	Secondary	Primary	Trans
Monthly - \$3.93/kW * 10%	0.393	0.389	0.385
Daily - \$3.93/kW / 21	0.187	0.185	0.183