



**Matthew R. Bernier**  
Associate General Counsel

November 20, 2017

**VIA ELECTRONIC FILING**

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

Re: Docket No. 20170001-EI

Dear Ms. Stauffer:

Attached for electronic filing in the subject docket on behalf of Duke Energy Florida, LLC, are Schedules A1 through A9 and A12 for the reporting month of October 2017.

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.

Sincerely,

*s/ Matthew R. Bernier*

Matthew R. Bernier  
Associate General Counsel

MRB/mw  
Attachments

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of Duke Energy Florida, LLC's Schedules A1-A9 and A12 for the month of October 2017 have been furnished to the following individuals via e-mail on this 20<sup>th</sup> day of November, 2017.

s/ Matthew R. Bernier  
Attorney

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

OCTOBER 2017

|   | \$          |              |             |         | MWH       |           |            |         | CENTS/KWH |           |            |         |
|---|-------------|--------------|-------------|---------|-----------|-----------|------------|---------|-----------|-----------|------------|---------|
|   | ACTUAL      | ESTIMATED    | DIFFERENCE  |         | ACTUAL    | ESTIMATED | DIFFERENCE |         | ACTUAL    | ESTIMATED | DIFFERENCE |         |
|   |             |              | AMOUNT      | %       |           |           | AMOUNT     | %       |           |           | AMOUNT     | %       |
|   |             |              |             |         |           |           |            |         |           |           |            |         |
| 1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)                   | 119,206,550 | 107,900,721  | 11,305,829  | 10.5    | 3,260,592 | 3,009,304 | 251,287    | 8.4     | 3 6560    | 3.5856    | 0 0704     | 2 0     |
| 2 COAL CAR SALE   | 0           | 0            | 0           | 0 0     | 0         | 0         | 0          | 0.0     | 0 0000    | 0 0000    | 0 0000     | 0 0     |
| 3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS                      | 670         | 0            | 670         | 0 0     | 0         | 0         | 0          | 0.0     | 0 0000    | 0 0000    | 0 0000     | 0 0     |
| 4 TOTAL COST OF GENERATED POWER                                 | 119 207 220 | 107,900,721  | 11,306,499  | 10.5    | 3 260,592 | 3 009 304 | 251 287    | 8.4     | 3 6560    | 3.5856    | 0 0704     | 2 0     |
| 5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)                | 9,357,230   | 9,989,330    | (632,100)   | (6 3)   | 220,179   | 237,212   | (17,033)   | (7.2)   | 4 2498    | 4 2111    | 0 0387     | 0 9     |
| 6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)        | -           | 0            | 0           | 0 0     | 0         | 0         | 0          | 0.0     | 0 0000    | 0 0000    | 0 0000     | 0 0     |
| 7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)            | 348,553     | 607,566      | (259,013)   | (42 6)  | 9,057     | 13,336    | (4,279)    | (32.1)  | 3 8484    | 4.5558    | (0.7074)   | (15.5)  |
| 8 PAYMENTS TO QUALIFY NG FACILITIES (SCH A8)                    | 12,499 847  | 10 297 653   | 2,202,194   | 21.4    | 255,494   | 239,983   | 15,511     | 6.5     | 4 8924    | 4 2910    | 0 6014     | 14 0    |
| 9 TOTAL COST OF PURCHASED POWER                                 | 22,205,630  | 20,894,549   | 1,311,080   | 6 3     | 484,730   | 490,531   | (5,801)    | (1.2)   | 4.5810    | 4 2596    | 0 3214     | 7 6     |
| 10 TOTAL AVA LABLE MWH  |             |              |             |         | 3,745,321 | 3,499,835 | 245,486    | 7.0     |           |           |            |         |
| 11 FUEL COST OF OTHER POWER SALES (SCH A6)                      | (607,247)   | (81,590)     | (525,657)   | 644 3   | (13,410)  | (2,531)   | (10,880)   | 429.9   | 4.5283    | 3 2243    | 1 3040     | 40.4    |
| 11a GAIN ON OTHER POWER SALES - 100% (SCH A6)                   | (305,292)   | (19,860)     | (285,432)   | 1,437 2 | (13,410)  | (2,531)   | (10,880)   | 429.9   | 2 2766    | 0.7848    | 1.4918     | 190.1   |
| 11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)                    | 0           | 0            | 0           | 0 0     | 0         | 0         | 0          | 0.0     | 0 0000    | 0 0000    | 0 0000     | 0 0     |
| 12 FUEL COST OF STRATIFIED SALES                                | (2,933,296) | (1,969,320)  | (963,975)   | 49 0    | (180,458) | (78,036)  | (102,422)  | 131.3   | 1 6255    | 2.5236    | (0 8981)   | (35 6)  |
| 13 TOTAL FUEL COST AND GA NS ON POWER SALES                     | (3,845,835) | (2,070,770)  | (1,775,065) | 85.7    | (193,868) | (80,567)  | (113,302)  | 140.6   | 1.9837    | 2.5703    | (0.5866)   | (22 8)  |
| 14 NET NADVERTENT AND WHEELED NTERCHANGE                        |             |              |             |         | 23,561    | 0         | 23,561     |         |           |           |            |         |
| 15 TOTAL FUEL AND NET POWER TRANSACTIONS                        | 137,567 014 | 126,724,500  | 10,842,514  | 8 6     | 3,575 014 | 3,419 269 | 155,745    | 4.6     | 3 8480    | 3.7062    | 0.1418     | 3 8     |
| 16 NET UNBILLED   | 3,263,180   | (13,521,528) | 16,784,708  | (124.1) | (84,802)  | 364,837   | (449,638)  | (123.2) | 0 0971    | (0 3754)  | 0.4725     | (125.9) |
| 17 COMPANY USE  | 723,392     | 430,107      | 293,285     | 68 2    | (18,799)  | (11,605)  | (7,194)    | 62.0    | 0 0215    | 0 0119    | 0 0096     | 80.7    |
| 18 T & D LOSSES   | 4 229 363   | 6 325,178    | (2,095,815) | (33.1)  | (109,910) | (170 665) | 60,755     | (35.6)  | 0.1258    | 0.1756    | (0 0498)   | (28.4)  |
| 19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)                 | 137,567,014 | 126,724,500  | 10,842,514  | 8 6     | 3,361,503 | 3,601,835 | (240,332)  | (6.7)   | 4 0924    | 3.5183    | 0.5741     | 16 3    |
| 20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)             | (921 699)   | (633 623)    | (288,076)   | 45.5    | (22,482)  | (18 030)  | (4,452)    | 24.7    | 4 0998    | 3.5143    | 0.5855     | 16.7    |
| 21 JURISDICTIONAL KWH SALES                                     | 136,645,315 | 126,090,878  | 10,554,438  | 8.4     | 3,339,022 | 3,583,805 | (244,783)  | (6.8)   | 4 0924    | 3.5184    | 0.5740     | 16 3    |
| 22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1 00112    | 136,798,358 | 126,141,314  | 10,657,044  | 8.5     | 3,339,022 | 3,583,805 | (244,783)  | (6.8)   | 4 0970    | 3.5198    | 0.5772     | 16.4    |
| 23 PRIOR PERIOD TRUE-UP   | 2,184 805   | 2,184 805    | 0           | 0 0     | 3 339 022 | 3,583 805 | (244,783)  | (6.8)   | 0 0654    | 0 0610    | 0 0044     | 7 2     |
| 24 TOTAL JURISDICTIONAL FUEL COST                               | 138,983,163 | 128,326,119  | 10,657,044  | 8 3     | 3,339,022 | 3,583,805 | (244,783)  | (6.8)   | 4.1624    | 3.5808    | 0.5816     | 16 2    |
| 25 REVENUE TAX FACTOR   |             |              |             |         |           |           |            |         | 1 00072   | 1 00072   | 0 0000     | 0 0     |
| 26 FUEL COST ADJUSTED FOR TAXES                                 |             |              |             |         |           |           |            |         | 4.1654    | 3.5834    | 0.5820     | 16 2    |
| 27 GPIF   | 187,952     | 187,952      |             |         | 3,339,022 | 3,583,805 |            |         | 0 0056    | 0 0052    | 0 0004     | 7.7     |
| 28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH |             |              |             |         |           |           |            |         | 4.171     | 3.589     | 0.582      | 16 2    |

\*Line 15a. MWH Data for Infomational Purposes Only

DUKE ENERGY FLORIDA  
FUEL AND PURCHASED POWER  
COST RECOVERY CLAUSE CALCULATION  
YEAR TO DATE - OCTOBER 2017

|   | \$            |               |                   |         | MWH         |             |                   |         | CENTS/KWH |           |                   |         |
|---|---------------|---------------|-------------------|---------|-------------|-------------|-------------------|---------|-----------|-----------|-------------------|---------|
|   | ACTUAL        | ESTIMATED     | DIFFERENCE AMOUNT | %       | ACTUAL      | ESTIMATED   | DIFFERENCE AMOUNT | %       | ACTUAL    | ESTIMATED | DIFFERENCE AMOUNT | %       |
| 1 FUEL COST OF SYSTEM NET GENERATION (SCH A3)                   | 1,087,461,107 | 1,022,571,118 | 64,889,989        | 6.4     | 31,042,779  | 31,523,295  | (480,517)         | (1.5)   | 3.5031    | 3.2439    | 0.2592            | 8.0     |
| 2 COAL CAR SALE   | (42,303)      | 0             | (42,303)          | 0.0     | 0           | 0           | 0                 | 0.0     | 0.0000    | 0.0000    | 0.0000            | 0.0     |
| 3 ADJUSTMENTS TO FUEL COST - MISCELLANEOUS                      | 3,462,972     | 0             | 3,462,972         | 0.0     | 0           | 0           | 0                 | 0.0     | 0.0000    | 0.0000    | 0.0000            | 0.0     |
| 4 TOTAL COST OF GENERATED POWER                                 | 1,090,881,776 | 1,022,571,118 | 68,310,658        | 6.7     | 31,042,779  | 31,523,295  | (480,517)         | (1.5)   | 3.5141    | 3.2439    | 0.2702            | 8.3     |
| 5 ENERGY COST OF PURCHASED POWER - FIRM (SCH A7)                | 124,001,330   | 70,008,793    | 53,992,537        | 77.1    | 2,766,485   | 1,703,711   | 1,062,774         | 62.4    | 4.4823    | 4.1092    | 0.3731            | 9.1     |
| 6 ENERGY COST OF SCH C,X ECONOMY PURCH - BROKER (SCH A9)        | 32,448        | 0             | 32,448            | 0.0     | 1,242       | 0           | 1,242             | 0.0     | 2.6126    | 0.0000    | 2.6126            | 0.0     |
| 7 ENERGY COST OF ECONOMY PURCH - NON-BROKER (SCH A9)            | 8,109,280     | 3,791,406     | 4,317,874         | 113.9   | 203,095     | 82,514      | 120,581           | 146.1   | 3.9929    | 4.5948    | (0.6019)          | (13.1)  |
| 8 PAYMENTS TO QUALIFY NG FACILITIES (SCH A8)                    | 120,252,440   | 116,737,104   | 3,515,336         | 3.0     | 2,671,698   | 2,757,284   | (85,585)          | (3.1)   | 4.5010    | 4.2338    | 0.2672            | 6.3     |
| 9 TOTAL COST OF PURCHASED POWER                                 | 252,395,497   | 190,537,303   | 61,858,194        | 32.5    | 5,642,520   | 4,543,509   | 1,099,012         | 24.2    | 4.4731    | 4.1936    | 0.2795            | 6.7     |
| 10 TOTAL AVA LABLE MWH  |               |               |                   |         | 36,685,299  | 36,066,804  | 618,495           | 1.7     |           |           |                   |         |
| 11 FUEL COST OF OTHER POWER SALES (SCH A6)                      | (2,627,510)   | (1,929,295)   | (698,215)         | 36.2    | (67,765)    | (60,984)    | (6,781)           | 11.1    | 3.8774    | 3.1636    | 0.7138            | 22.6    |
| 11a GAIN ON OTHER POWER SALES - 100% (SCH A6)                   | (838,261)     | (469,611)     | (368,650)         | 78.5    | (67,765)    | (60,984)    | (6,781)           | 11.1    | 1.2370    | 0.7701    | 0.4669            | 60.6    |
| 11b GAIN ON TOTAL POWER SALES - 20% (SCH A6)                    | 0             | 0             | 0                 | 0.0     | 0           | 0           | 0                 | 0.0     | 0.0000    | 0.0000    | 0.0000            | 0.0     |
| 12 FUEL COST OF STRATIFIED SALES                                | (32,809,730)  | (20,988,420)  | (11,821,310)      | 56.3    | (1,704,173) | (850,812)   | (853,361)         | 100.3   | 1.9253    | 2.4669    | (0.5416)          | (22.0)  |
| 13 TOTAL FUEL COST AND GAINS ON POWER SALES                     | (36,275,500)  | (23,387,326)  | (12,888,175)      | 55.1    | (1,771,938) | (911,796)   | (860,142)         | 94.3    | 2.0472    | 2.5650    | (0.5178)          | (20.2)  |
| 14 NET NADVERTENT AND WHEELED NTERCHANGE                        |               |               |                   |         | 192,486     | 0           | 192,486           |         |           |           |                   |         |
| 15 TOTAL FUEL AND NET POWER TRANSACTIONS                        | 1,307,001,773 | 1,189,721,096 | 117,280,677       | 9.9     | 35,105,847  | 35,155,008  | (49,161)          | (0.1)   | 3.7230    | 3.3842    | 0.3388            | 10.0    |
| 16 NET UNBILLED   | 25,557,548    | (6,938,263)   | 32,495,811        | (468.4) | (686,471)   | 166,373     | (852,845)         | (512.6) | 0.0790    | (0.0207)  | 0.0997            | (481.6) |
| 17 COMPANY USE  | 4,910,696     | 4,269,341     | 641,355           | 15.0    | (131,900)   | (125,951)   | (5,950)           | 4.7     | 0.0152    | 0.0128    | 0.0024            | 18.8    |
| 18 T & D LOSSES   | 71,807,100    | 59,377,532    | 12,429,568        | 20.9    | (1,928,727) | (1,754,547) | (174,179)         | 9.9     | 0.2219    | 0.1776    | 0.0443            | 24.9    |
| 19 ADJUSTED SYSTEM KWH SALES (SCH A2 PG 1 OF 2)                 | 1,307,001,773 | 1,189,721,096 | 117,280,677       | 9.9     | 32,358,748  | 33,440,883  | (1,082,135)       | (3.2)   | 4.0391    | 3.5577    | 0.4814            | 13.5    |
| 20 WHOLESALE KWH SALES (EXCLUDING STRATIFIED SALES)             | (9,011,279)   | (6,395,342)   | (2,615,937)       | 40.9    | (221,013)   | (180,052)   | (40,961)          | 22.8    | 4.0773    | 3.5519    | 0.5254            | 14.8    |
| 21 JURISDICTIONAL KWH SALES                                     | 1,297,990,493 | 1,183,325,754 | 114,664,740       | 9.7     | 32,137,735  | 33,260,831  | (1,123,096)       | (3.4)   | 4.0388    | 3.5577    | 0.4811            | 13.5    |
| 22 JURISDICTIONAL KWH SALES ADJUSTED FOR LINE LOSS - 1.00112    | 1,299,363,736 | 1,183,799,084 | 115,564,652       | 9.8     | 32,137,735  | 33,260,831  | (1,123,096)       | (3.4)   | 4.0431    | 3.5591    | 0.4840            | 13.6    |
| 23 PRIOR PERIOD TRUE-UP   | 21,848,053    | 21,848,050    | 3                 | 0.0     | 32,137,735  | 33,260,831  | (1,123,096)       | (3.4)   | 0.0680    | 0.0657    | 0.0023            | 3.5     |
| 24 TOTAL JURISDICTIONAL FUEL COST                               | 1,321,211,788 | 1,205,647,134 | 115,564,654       | 9.6     | 32,137,735  | 33,260,831  | (1,123,096)       | (3.4)   | 4.1111    | 3.6248    | 0.4863            | 13.4    |
| 25 REVENUE TAX FACTOR   |               |               |                   |         |             |             |                   |         | 1.00072   | 1.00072   | 0.0000            | 0.0     |
| 26 FUEL COST ADJUSTED FOR TAXES                                 |               |               |                   |         |             |             |                   |         | 4.1141    | 3.6274    | 0.4867            | 13.4    |
| 27 GPIF   | 1,879,518     | 1,879,520     |                   |         | 32,137,735  | 33,260,831  |                   |         | 0.0058    | 0.0057    | 0.0001            | 98.3    |
| 28 TOTAL FUEL COST FACTOR ROUNDED TO THE NEAREST .001 CENTS/KWH |               |               |                   |         |             |             |                   |         | 4.120     | 3.633     | 0.487             | 13.4    |

\*Line 15a. MWH Data for Infomational Purposes Only

DUKE ENERGY FLORIDA  
CALCULATION OF TRUE-UP AND INTEREST PROVISION  
OCTOBER 2017

|  | CURRENT MONTH |               |              |         | YEAR TO DATE    |                 |               |         |
|--|---------------|---------------|--------------|---------|-----------------|-----------------|---------------|---------|
|  | ACTUAL        | ESTIMATED     | DIFFERENCE   | PERCENT | ACTUAL          | ESTIMATED       | DIFFERENCE    | PERCENT |
| <b>A . FUEL COSTS AND NET POWER TRANSACTIONS</b>         |               |               |              |         |                 |                 |               |         |
| 1. FUEL COST OF SYSTEM NET GENERATION                    | \$119,206,550 | 107,900,721   | \$11,305,829 | 10.5    | \$1,087,461,107 | \$1,022,571,118 | \$64,889,989  | 6.4     |
| 1a. COAL CAR SALE  | -             | 0             | 0            | 0.0     | (42,303)        | 0               | (42,303)      | 0.0     |
| 2. FUEL COST OF POWER SOLD                               | (607,247)     | (81,590)      | (525,657)    | 644.3   | (2,627,510)     | (1,929,295)     | (698,215)     | 36.2    |
| 2a. GAIN ON POWER SALES                                  | (305,292)     | (19,860)      | (285,432)    | 1,437.2 | (838,261)       | (469,611)       | (368,650)     | 78.5    |
| 3. FUEL COST OF PURCHASED POWER                          | 9,357,230     | 9,989,330     | (632,100)    | (6.3)   | 124,001,330     | 70,008,793      | 53,992,537    | 77.1    |
| 3a. ENERGY PAYMENTS TO QUALIFY NG FACILITIES             | 12,499,847    | 10,297,653    | 2,202,194    | 21.4    | 120,252,440     | 116,737,104     | 3,515,336     | 3.0     |
| 4. ENERGY COST OF ECONOMY PURCHASES                      | 348,553       | 607,566       | (259,013)    | (42.6)  | 8,141,728       | 3,791,406       | 4,350,322     | 114.7   |
| 5. TOTAL FUEL & NET POWER TRANSACTIONS                   | 140,499,640   | 128,693,820   | 11,805,820   | 9.2     | 1,336,348,531   | 1,210,709,515   | 125,639,015   | 10.4    |
| 6. ADJUSTMENTS TO FUEL COST:                             |               |               |              |         |                 |                 |               |         |
| 6a. FUEL COST OF STRATIFIED SALES                        | (2,933,296)   | (1,969,320)   | (963,975)    | 49.0    | (32,809,730)    | (20,988,420)    | (11,821,310)  | 56.3    |
| 6b. OTHER- JURISDICTIONAL ADJUSTMENTS (see detail below) | 670           | 0             | 670          | 0.0     | 3,462,972       | 0               | 3,462,972     | 0.0     |
| 6c. OTHER - PRIOR PERIOD ADJUSTMENT                      | 0             | 0             | 0            | 0.0     | 0               | 0               | 0             | 0.0     |
| <br>   |               |               |              |         |                 |                 |               |         |
| 7. ADJUSTED TOTAL FUEL & NET PWR TRNS                    | \$137,567,014 | \$126,724,500 | \$10,842,514 | 8.6     | \$1,307,001,773 | \$1,189,721,096 | \$117,280,677 | 9.9     |

FOOTNOTE: DETAIL OF L NE 6b ABOVE

|  |              |            |              |  |                    |            |                    |
|--|--------------|------------|--------------|--|--------------------|------------|--------------------|
| INSPECTION & FUEL ANALYSIS REPORTS (Wholesale Portion)             | \$0          | \$0        | \$0          |  | \$0                | \$0        | \$0                |
| N/A - Not used   | 0            | 0          | 0            |  | 0                  | 0          | 0                  |
| UNIVERSITY OF FLORIDA STEAM REVENUE ALLOCATION (Wholesale Portion) | 670          | 0          | 670          |  | 6,910              | 0          | 6,910              |
| N/A - Not used   | 0            | 0          | 0            |  | 0                  | 0          | 0                  |
| TANK BOTTOM ADJUSTMENT   | 0            | 0          | 0            |  | (574,531)          | 0          | (574,531)          |
| AERIAL SURVEY ADJUSTMENT (Coal Pile)                               | 0            | 0          | 0            |  | 3,974,256          | 0          | 3,974,256          |
| N/A - Not used   | 0            | 0          | 0            |  | 0                  | 0          | 0                  |
| N/A - Not used   | 0            | 0          | 0            |  | 0                  | 0          | 0                  |
| Gain/Loss on Disposition of Oil                                    | 0            | 0          | 0            |  | 0                  | 0          | 0                  |
| N/A - Not used   | 0            | 0          | 0            |  | 0                  | 0          | 0                  |
| NET METER SETTLEMENT   | 0            | 0          | 0            |  | 56,336             | 0          | 56,336             |
| N/A - Not used   | 0            | 0          | 0            |  | 0                  | 0          | 0                  |
| Derivative Collateral Interest                                     | 0            | 0          | 0            |  | 0                  | 0          | 0                  |
| <b>SUBTOTAL L NE 6b SHOWN ABOVE</b>                                | <b>\$670</b> | <b>\$0</b> | <b>\$670</b> |  | <b>\$3,462,972</b> | <b>\$0</b> | <b>\$3,462,972</b> |

|  |               |               |               |       |                |                |                 |       |
|--|---------------|---------------|---------------|-------|----------------|----------------|-----------------|-------|
| <b>B. KWH SALES</b>                      |               |               |               |       |                |                |                 |       |
| 1. JURISDICTIONAL SALES                  | 3,339,022,059 | 3,583,804,911 | (244,782,852) | (6.8) | 32,137,736,084 | 33,260,831,042 | (1,123,094,958) | (3.4) |
| 2. NON JURISDICTIONAL (WHOLESALE) SALES  | 22,481,524    | 18,030,000    | 4,451,524     | 24.7  | 221,012,939    | 180,052,000    | 40,960,939      | 22.8  |
| 3. TOTAL SALES                           | 3,361,503,583 | 3,601,834,911 | (240,331,328) | (6.7) | 32,358,749,023 | 33,440,883,042 | (1,082,134,019) | (3.2) |
| 4. JURISDICTIONAL SALES % OF TOTAL SALES | 99.33         | 99.50         | (0.17)        | (0.2) | 99.32          | 99.46          | (0.14)          | (0.1) |

DUKE ENERGY FLORIDA  
CALCULATION OF TRUE-UP AND INTEREST PROVISION  
OCTOBER 2017

|  | CURRENT MONTH   |               |               |            | YEAR TO DATE    |                 |                |           |
|--|-----------------|---------------|---------------|------------|-----------------|-----------------|----------------|-----------|
|  | ACTUAL          | ESTIMATED     | DIFFERENCE    | PERCENT    | ACTUAL          | ESTIMATED       | DIFFERENCE     | PERCENT   |
| <b>C. TRUE UP CALCULATION</b>  |                 |               |               |            |                 |                 |                |           |
| 1. JURISDICTIONAL FUEL REVENUE   | \$122,137,865   | \$131,165,998 | (\$9,028,133) | (6.9)      | \$1,170,003,776 | \$1,217,334,708 | (\$47,330,932) | (3.9)     |
| 2. ADJUSTMENTS:  | 0               | 0             | 0             | 0.0        | 0               | 0               | 0              | 0.0       |
| 2a. TRUE UP PROVISION  | (2,184,805)     | (2,184,805)   | (0)           | 0.0        | (21,848,053)    | (21,848,050)    | (3)            | 0.0       |
| 2b. INCENTIVE PROVISION  | (187,952)       | (187,952)     | 0             | 0.0        | (1,879,518)     | (1,879,520)     | 3              | 0.0       |
| 3. TOTAL JURISDICTIONAL FUEL REVENUE   | 119,765,108     | 128,793,241   | (9,028,133)   | (7.0)      | 1,146,276,206   | 1,193,607,138   | (47,330,932)   | (4.0)     |
| 4. ADJ TOTAL FUEL & NET PWR TRNS (LINE A7)   | 137,567,014     | 126,724,500   | 10,842,514    | 8.6        | 1,307,001,773   | 1,189,721,096   | 117,280,677    | 9.9       |
| 5. JURISDICTIONAL SALES % OF TOT SALES (LINE B4)   | 99.33           | 99.50         | (0.17)        | (0.2)      | 0.00            | 99.46           | (99.46)        | (100.0)   |
| 6. JURISDICTIONAL FUEL & NET POWER TRANSACTIONS<br>(LINE C4 * LINE C5 * 1.00112 LOSS MULTIPLIER) | 136,798,358     | 126,141,314   | 10,657,044    | 8.5        | 1,299,363,736   | 1,183,799,084   | 115,564,652    | 9.8       |
| 7. TRUE UP PROVISION FOR THE MONTH OVER/(UNDER)<br>COLLECTION (LINE C3 - C6)                     | (17,033,250)    | 2,651,927     | (19,685,178)  | (742.3)    | (153,087,530)   | 9,808,054       | (162,895,584)  | (1,660.8) |
| 8. INTEREST PROVISION FOR THE MONTH (LINE D10)   | (163,811)       | 936           | (164,747)     | (17,604.0) | (1,251,267)     | (47,500)        | (1,203,766)    | 2,534.2   |
| 9. TRUE UP & INTEREST PROVISION BEG OF MONTH/PERIOD  | (202,589,662)   | 553,273       | (203,142,935) | (36,716.6) | (85,111,174)    | (26,217,663)    | (58,893,511)   | 224.6     |
| 10. TRUE UP COLLECTED (REFUNDED)   | 2,184,805       | 2,184,805     | 0             | 0.0        | 21,848,053      | 21,848,050      | 3              | 0.0       |
| 11. END OF PERIOD TOTAL NET TRUE UP (LINES C7 + C8 + C9 + C10)                                   | (217,601,918)   | 5,390,941     | (222,992,859) | (4,136.4)  | (217,601,918)   | 5,390,941       | (222,992,859)  | (4,136.4) |
| 12. OTHER:   | 0               |               |               |            | 0               |                 | 0              |           |
| 13. END OF PERIOD TOTAL NET TRUE UP<br>(LINES C11 + C12)   | (\$217,601,918) | 5,390,941     | (222,992,859) | (4,136.4)  | (\$217,601,918) | 5,390,941       | (222,992,859)  | (4,136.4) |
| <b>D. INTEREST PROVISION</b>   |                 |               |               |            |                 |                 |                |           |
| 1. BEGINNING TRUE UP (LINE C9)   | (\$202,589,662) | N/A           | --            | --         |                 |                 |                |           |
| 2. ENDING TRUE UP (LINES C7 + C9 + C10 + C12)  | (217,438,107)   | N/A           | --            | --         |                 |                 |                |           |
| 3. TOTAL OF BEGINNING & ENDING TRUE UP   | (420,027,769)   | N/A           | --            | --         |                 |                 | <b>NOT</b>     |           |
| 4. AVERAGE TRUE UP (50% OF LINE D3)  | (210,013,885)   | N/A           | --            | --         |                 |                 |                |           |
| 5. INTEREST RATE - FIRST DAY OF REPORTING MONTH  | 0.730           | N/A           | --            | --         |                 |                 |                |           |
| 6. INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH   | 1.140           | N/A           | --            | --         |                 |                 |                |           |
| 7. TOTAL (LINE D5 + LINE D6)   | 1.870           | N/A           | --            | --         |                 |                 |                |           |
| 8. AVERAGE INTEREST RATE (50% OF LINE D7)  | 0.935           | N/A           | --            | --         |                 |                 |                |           |
| 9. MONTHLY AVERAGE INTEREST RATE (LINE D8/12)  | 0.078           | N/A           | --            | --         |                 |                 |                |           |
| 10. INTEREST PROVISION (LINE D4 * LINE D9)   | (\$163,811)     | N/A           | --            | --         |                 |                 |                |           |

# A-3 Generating System Comparative Data Report

FINAL

## Duke Energy Florida, LLC

Report Period: 10/1/2017 to 10/1/2017

Run Date: 11/3/2017 3:46:54PM

| <u>FUEL COST OF SYSTEM</u>         | <u>ACTUAL</u>      | <u>ESTIMATED</u>   | <u>DIFFERENCE</u> | <u>DIFFERENCE (%)</u> |
|------------------------------------|--------------------|--------------------|-------------------|-----------------------|
| <b>NET GENERATION (\$)</b>         |                    |                    |                   |                       |
| 1 - HEAVY OIL                      | 0                  | 0                  | 0                 | 0.0%                  |
| 2 - LIGHT OIL                      | 323,044            | 269,987            | 53,057            | 19.7%                 |
| 3 - COAL                           | 27,497,154         | 18,718,186         | 8,778,968         | 46.9%                 |
| 4 - GAS                            | 91,386,352         | 88,912,548         | 2,473,804         | 2.8%                  |
| 5 - NUCLEAR                        | 0                  | 0                  | 0                 | 0.0%                  |
| 6                                  | 0                  | 0                  | 0                 | 0.0%                  |
| 7                                  | 0                  | 0                  | 0                 | 0.0%                  |
| <b>8 - TOTAL (\$)</b>              | <b>119,206,550</b> | <b>107,900,721</b> | <b>11,305,829</b> | <b>10.5%</b>          |
| <b>SYSTEM NET GENERATION (MWH)</b> |                    |                    |                   |                       |
| 9 - HEAVY OIL                      | 0                  | 0                  | 0                 | 0.0%                  |
| 10 - LIGHT OIL                     | 4,065              | 27                 | 4,038             | 14,957.2%             |
| 11 - COAL                          | 756,730            | 649,789            | 106,941           | 16.5%                 |
| 12 - GAS                           | 2,498,686          | 2,356,280          | 142,406           | 6.0%                  |
| 13 - NUCLEAR                       | 0                  | 0                  | 0                 | 0.0%                  |
| 14 - SOLAR                         | 1,110              | 3,209              | (2,099.00)        | (65.4)%               |
| 15                                 | 0                  | 0                  | 0                 | 0.0%                  |
| <b>16 - TOTAL (MWH)</b>            | <b>3,260,592</b>   | <b>3,009,305</b>   | <b>251,287</b>    | <b>8.4%</b>           |
| <b>UNITS OF FUEL BURNED</b>        |                    |                    |                   |                       |
| 17 - HEAVY OIL (BBL)               | 0                  | 0                  | 0                 | 0.0%                  |
| 18 - LIGHT OIL (BBL)               | 1,785              | 1,061              | 724               | 68.2%                 |
| 19 - COAL (TON)                    | 380,566            | 299,087            | 81,479            | 27.2%                 |
| 20 - GAS (MCF)                     | 19,422,584         | 18,089,452         | 1,333,132         | 7.4%                  |
| 21 - NUCLEAR (MMBTU)               | 0                  | 0                  | 0                 | 0.0%                  |
| 22                                 | 0                  | 0                  | 0                 | 0.0%                  |
| 23                                 | 0                  | 0                  | 0                 | 0.0%                  |
| <b>BTUS BURNED (MILLION BTU)</b>   |                    |                    |                   |                       |
| 24 - HEAVY OIL                     | 0                  | 0                  | 0                 | 0.0%                  |
| 25 - LIGHT OIL                     | 52,827             | 6,180              | 46,647            | 754.8%                |
| 26 - COAL                          | 8,699,125          | 6,773,879          | 1,925,246         | 28.4%                 |
| 27 - GAS                           | 19,775,274         | 18,089,452         | 1,685,822         | 9.3%                  |
| 28 - NUCLEAR                       | 0                  | 0                  | 0                 | 0.0%                  |
| 29                                 | 0                  | 0                  | 0                 | 0.0%                  |
| 30                                 | 0                  | 0                  | 0                 | 0.0%                  |
| <b>31 - TOTAL (MILLION BTU)</b>    | <b>28,527,226</b>  | <b>24,869,511</b>  | <b>3,657,715</b>  | <b>14.7%</b>          |

# A-3 Generating System Comparative Data Report

FINAL

## Duke Energy Florida, LLC

Report Period: 10/1/2017 to 10/1/2017

Run Date: 11/3/2017 3:46:54PM

| <u>FUEL COST OF SYSTEM</u>                        | <u>ACTUAL</u> | <u>ESTIMATED</u> | <u>DIFFERENCE</u> | <u>DIFFERENCE (%)</u> |
|---|---------------|------------------|-------------------|-----------------------|
| <b>GENERATION MIX (% MWH)</b>                     |               |                  |                   |                       |
| 32 - HEAVY OIL                                    | 0.0           | 0.00             | 0.0               | 0.0%                  |
| 33 - LIGHT OIL                                    | 0.1           | 0.00             | 0.1               | 13796.8%              |
| 34 - COAL   | 23.2          | 21.59            | 1.6               | 7.5%                  |
| 35 - GAS  | 76.6          | 78.30            | (1.7)             | (2.1%)                |
| 36 - NUCLEAR                                      | 0.0           | 0.00             | 0.0               | 0.0%                  |
| 37 - SOLAR  | 0.03          | 0.11             | (0.07)            | (68.08)%              |
| 38  | 0.0           | 0.00             | 0.0               | 0.0%                  |
| <hr/>   | <hr/>         | <hr/>            | <hr/>             | <hr/>                 |
| 39 - TOTAL (% MWH)                                | 100.0         | 99.9             | 0.1               | 0.1%                  |
| <b>FUEL COST PER UNIT (\$)</b>                    |               |                  |                   |                       |
| 40 - HEAVY OIL (\$/BBL)                           | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 41 - LIGHT OIL (\$/BBL)                           | 180.98        | 254.46           | (73.49)           | (28.9%)               |
| 42 - COAL (\$/TON)                                | 72.25         | 62.58            | 9.67              | 15.4%                 |
| 43 - GAS (\$/MCF)                                 | 4.71          | 4.92             | (0.21)            | (4.3%)                |
| 44 - NUCLEAR (\$/MBTU)                            | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 45  | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 46  | 0.00          | 0.00             | 0.00              | 0.0%                  |
| <b>FUEL COST PER MILLION BTU (\$/MILLION BTU)</b> |               |                  |                   |                       |
| 47 - HEAVY OIL                                    | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 48 - LIGHT OIL                                    | 6.12          | 43.69            | (37.57)           | (86.0%)               |
| 49 - COAL   | 3.16          | 2.76             | 0.40              | 14.4%                 |
| 50 - GAS  | 4.62          | 4.92             | (0.29)            | (6.0%)                |
| 51 - NUCLEAR                                      | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 52  | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 53  | 0.00          | 0.00             | 0.00              | 0.0%                  |
| <hr/>   | <hr/>         | <hr/>            | <hr/>             | <hr/>                 |
| 54 - SYSTEM (\$/MBTU)                             | 4.18          | 4.34             | (0.16)            | (3.7%)                |
| <b>BTU BURNED PER KWH (BTU/KWH)</b>               |               |                  |                   |                       |
| 55 - HEAVY OIL                                    | 0             | 0                | 0                 | 0.0%                  |
| 56 - LIGHT OIL                                    | 12,994        | 228,889          | (215,895)         | (94.3%)               |
| 57 - COAL   | 11,496        | 10,425           | 1,071             | 10.3%                 |
| 58 - GAS  | 7,914         | 7,677            | 237               | 3.1%                  |
| 59 - NUCLEAR                                      | 0             | 0                | 0                 | 0.0%                  |
| 60  | 0             | 0                | 0                 | 0.0%                  |
| 61  | 0             | 0                | 0                 | 0.0%                  |
| <hr/>   | <hr/>         | <hr/>            | <hr/>             | <hr/>                 |
| 62 - SYSTEM (BTU/KWH)                             | 8,749         | 8,264            | 485               | 5.9%                  |



# A-3 Generating System Comparative Data Report

FINAL

Duke Energy Florida, LLC

Report Period: 10/1/2017 to 10/1/2017

Run Date: 11/3/2017 3:46:54PM

| <u>FUEL COST OF SYSTEM</u>                            | <u>ACTUAL</u> | <u>ESTIMATED</u> | <u>DIFFERENCE</u> | <u>DIFFERENCE (%)</u> |
|---|---------------|------------------|-------------------|-----------------------|
| <b><u>GENERATED FUEL COST PER KWH (CENTS/KWH)</u></b> |               |                  |                   |                       |
| 63 - HEAVY OIL  | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 64 - LIGHT OIL  | 7.95          | 999.95           | (992.01)          | (99.2%)               |
| 65 - COAL   | 3.63          | 2.88             | 0.75              | 26.1%                 |
| 66 - GAS  | 3.66          | 3.77             | (0.12)            | (3.1%)                |
| 67 - NUCLEAR  | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 68  | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 69  | 0.00          | 0.00             | 0.00              | 0.0%                  |
| <u>70 - SYSTEM (CENTS/KWH)</u>                        | <u>3.66</u>   | <u>3.59</u>      | <u>0.07</u>       | <u>2.0%</u>           |

# A-3 Generating System Comparative Data Report

## Duke Energy Florida, LLC

Report Period: 1/1/2017 to 10/1/2017

Run Date: 11/3/2017 3:54:36PM

| <u>FUEL COST OF SYSTEM</u>         | <u>ACTUAL</u>        | <u>ESTIMATED</u>     | <u>DIFFERENCE</u> | <u>DIFFERENCE (%)</u> |
|------------------------------------|----------------------|----------------------|-------------------|-----------------------|
| <b>NET GENERATION (\$)</b>         |                      |                      |                   |                       |
| 1 - HEAVY OIL                      | 0                    | 0                    | 0                 | 0.0%                  |
| 2 - LIGHT OIL                      | 12,294,279           | 3,296,942            | 8,997,337         | 272.9%                |
| 3 - COAL                           | 294,814,953          | 269,009,990          | 25,804,963        | 9.6%                  |
| 4 - GAS                            | 780,351,875          | 750,264,186          | 30,087,689        | 4.0%                  |
| 5 - NUCLEAR                        | 0                    | 0                    | 0                 | 0.0%                  |
| 6                                  | 0                    | 0                    | 0                 | 0.0%                  |
| 7                                  | 0                    | 0                    | 0                 | 0.0%                  |
| <b>8 - TOTAL (\$)</b>              | <b>1,087,461,107</b> | <b>1,022,571,118</b> | <b>64,889,989</b> | <b>6.3%</b>           |
| <b>SYSTEM NET GENERATION (MWH)</b> |                      |                      |                   |                       |
| 9 - HEAVY OIL                      | 0                    | 0                    | 0                 | 0.0%                  |
| 10 - LIGHT OIL                     | 57,763               | 490                  | 57,273            | 11,688.4%             |
| 11 - COAL                          | 8,221,875            | 8,771,324            | (549,449)         | (6.3%)                |
| 12 - GAS                           | 22,751,390           | 22,724,270           | 27,120            | 0.1%                  |
| 13 - NUCLEAR                       | 0                    | 0                    | 0                 | 0.0%                  |
| 14 - SOLAR                         | 11,753               | 27,213               | (15,460.00)       | (56.8)%               |
| 15                                 | 0                    | 0                    | 0                 | 0.0%                  |
| <b>16 - TOTAL (MWH)</b>            | <b>31,042,780</b>    | <b>31,523,297</b>    | <b>(480,517)</b>  | <b>(1.5%)</b>         |
| <b>UNITS OF FUEL BURNED</b>        |                      |                      |                   |                       |
| 17 - HEAVY OIL (BBL)               | 0                    | 0                    | 0                 | 0.0%                  |
| 18 - LIGHT OIL (BBL)               | 124,895              | 20,181               | 104,714           | 518.9%                |
| 19 - COAL (TON)                    | 3,796,738            | 4,022,978            | (226,240)         | (5.6%)                |
| 20 - GAS (MCF)                     | 178,352,307          | 172,611,542          | 5,740,765         | 3.3%                  |
| 21 - NUCLEAR (MMBTU)               | 0                    | 0                    | 0                 | 0.0%                  |
| 22                                 | 0                    | 0                    | 0                 | 0.0%                  |
| 23                                 | 0                    | 0                    | 0                 | 0.0%                  |
| <b>BTUS BURNED (MILLION BTU)</b>   |                      |                      |                   |                       |
| 24 - HEAVY OIL                     | 0                    | 0                    | 0                 | 0.0%                  |
| 25 - LIGHT OIL                     | 763,356              | 117,558              | 645,798           | 549.3%                |
| 26 - COAL                          | 85,581,233           | 91,407,423           | (5,826,190)       | (6.4%)                |
| 27 - GAS                           | 182,227,618          | 172,611,542          | 9,616,076         | 5.6%                  |
| 28 - NUCLEAR                       | 0                    | 0                    | 0                 | 0.0%                  |
| 29                                 | 0                    | 0                    | 0                 | 0.0%                  |
| 30                                 | 0                    | 0                    | 0                 | 0.0%                  |
| <b>31 - TOTAL (MILLION BTU)</b>    | <b>268,572,207</b>   | <b>264,136,523</b>   | <b>4,435,684</b>  | <b>1.7%</b>           |

# A-3 Generating System Comparative Data Report

## Duke Energy Florida, LLC

Report Period: 1/1/2017 to 10/1/2017

Run Date: 11/3/2017 3:54:36PM

| <u>FUEL COST OF SYSTEM</u>                        | <u>ACTUAL</u> | <u>ESTIMATED</u> | <u>DIFFERENCE</u> | <u>DIFFERENCE (%)</u> |
|---|---------------|------------------|-------------------|-----------------------|
| <b>GENERATION MIX (% MWH)</b>                     |               |                  |                   |                       |
| 32 - HEAVY OIL                                    | 0.0           | 0.00             | 0.0               | 0.0%                  |
| 33 - LIGHT OIL                                    | 0.2           | 0.00             | 0.2               | 11870.9%              |
| 34 - COAL   | 26.5          | 27.82            | (1.3)             | (4.8%)                |
| 35 - GAS  | 73.3          | 72.09            | 1.2               | 1.7%                  |
| 36 - NUCLEAR                                      | 0.0           | 0.00             | 0.0               | 0.0%                  |
| 37 - SOLAR  | 0.04          | 0.09             | (0.05)            | (56.14)%              |
| 38  | 0.0           | 0.00             | 0.0               | 0.0%                  |
| <hr/>   | <hr/>         | <hr/>            | <hr/>             | <hr/>                 |
| 39 - TOTAL (% MWH)                                | 100.0         | 99.9             | 0.0               | 0.0%                  |
| <b>FUEL COST PER UNIT (\$)</b>                    |               |                  |                   |                       |
| 40 - HEAVY OIL (\$/BBL)                           | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 41 - LIGHT OIL (\$/BBL)                           | 98.44         | 163.37           | (64.93)           | (39.7%)               |
| 42 - COAL (\$/TON)                                | 77.65         | 66.87            | 10.78             | 16.1%                 |
| 43 - GAS (\$/MCF)                                 | 4.38          | 4.35             | 0.03              | 0.7%                  |
| 44 - NUCLEAR (\$/MBTU)                            | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 45  | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 46  | 0.00          | 0.00             | 0.00              | 0.0%                  |
| <b>FUEL COST PER MILLION BTU (\$/MILLION BTU)</b> |               |                  |                   |                       |
| 47 - HEAVY OIL                                    | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 48 - LIGHT OIL                                    | 16.11         | 28.05            | (11.94)           | (42.6%)               |
| 49 - COAL   | 3.44          | 2.94             | 0.50              | 17.1%                 |
| 50 - GAS  | 4.28          | 4.35             | (0.06)            | (1.5%)                |
| 51 - NUCLEAR                                      | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 52  | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 53  | 0.00          | 0.00             | 0.00              | 0.0%                  |
| <hr/>   | <hr/>         | <hr/>            | <hr/>             | <hr/>                 |
| 54 - SYSTEM (\$/MBTU)                             | 4.05          | 3.87             | 0.18              | 4.6%                  |
| <b>BTU BURNED PER KWH (BTU/KWH)</b>               |               |                  |                   |                       |
| 55 - HEAVY OIL                                    | 0             | 0                | 0                 | 0.0%                  |
| 56 - LIGHT OIL                                    | 13,215        | 239,914          | (226,699)         | (94.5%)               |
| 57 - COAL   | 10,409        | 10,421           | (12)              | (0.1%)                |
| 58 - GAS  | 8,010         | 7,596            | 414               | 5.4%                  |
| 59 - NUCLEAR                                      | 0             | 0                | 0                 | 0.0%                  |
| 60  | 0             | 0                | 0                 | 0.0%                  |
| 61  | 0             | 0                | 0                 | 0.0%                  |
| <hr/>   | <hr/>         | <hr/>            | <hr/>             | <hr/>                 |
| 62 - SYSTEM (BTU/KWH)                             | 8,652         | 8,379            | 273               | 3.2%                  |

# A-3 Generating System Comparative Data Report

## Duke Energy Florida, LLC

Report Period: 1/1/2017 to 10/1/2017

Run Date: 11/3/2017 3:54:36PM

| <u>FUEL COST OF SYSTEM</u>                            | <u>ACTUAL</u> | <u>ESTIMATED</u> | <u>DIFFERENCE</u> | <u>DIFFERENCE (%)</u> |
|---|---------------|------------------|-------------------|-----------------------|
| <b><u>GENERATED FUEL COST PER KWH (CENTS/KWH)</u></b> |               |                  |                   |                       |
| 63 - HEAVY OIL  | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 64 - LIGHT OIL  | 21.28         | 672.85           | (651.56)          | (96.8%)               |
| 65 - COAL   | 3.59          | 3.07             | 0.52              | 16.9%                 |
| 66 - GAS  | 3.43          | 3.30             | 0.13              | 3.9%                  |
| 67 - NUCLEAR  | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 68  | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 69  | 0.00          | 0.00             | 0.00              | 0.0%                  |
| <u>70 - SYSTEM (CENTS/KWH)</u>                        | <u>3.50</u>   | <u>3.24</u>      | <u>0.26</u>       | <u>8.0%</u>           |

# A-4 System Net Generation and Fuel Cost Report

FINAL

## Duke Energy Florida, LLC

Report Period: 10/1/2017 to 10/1/2017  
Run Date: 11/3/2017 3:47:13PM

| (A)                             | (B)                | (C)                        | (D)               | (E)                       | (F)                      | (G)                               | (H)          | (I)                     | (J)                                | (K)                       | (L)                            | (M)                                 | (N)                           |
|---------------------------------|--------------------|----------------------------|-------------------|---------------------------|--------------------------|-----------------------------------|--------------|-------------------------|------------------------------------|---------------------------|--------------------------------|-------------------------------------|-------------------------------|
| PLANT                           | NET<br>CAP<br>(MW) | NET<br>GENERATION<br>(MWH) | CAP<br>FAC<br>(%) | EQUIV<br>AVAIL<br>FAC (%) | NET<br>OUTPUT<br>FAC (%) | AVE NET<br>HEAT RATE<br>(BTU/KWH) | FUEL<br>TYPE | FUEL<br>BURN<br>(UNITS) | FUEL<br>HEAT VALUE<br>(MMBTU/UNIT) | FUEL<br>BURNED<br>(MMBTU) | AS BURNED<br>FUEL COST<br>(\$) | FUEL COST<br>PER KWH<br>(CENTS/KWH) | FUEL COST<br>PER UNIT<br>(\$) |
| <b>Nuclear</b>                  |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| <b>Crystal River 3</b>          |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL UNIT 3                    |                    |                            | 0.00              |                           |                          |                                   |              | 0                       |                                    | 0                         | 0                              | 0.000                               |                               |
| <b>TOTAL Nuclear:</b>           | 0                  | 0.00                       |                   |                           |                          |                                   |              | 0                       |                                    | 0                         | 0                              | 0.000                               |                               |
| <b>Solar</b>                    |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| <b>Osceola Solar Facility 1</b> |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL UNIT 1                    | 4                  | 536.00                     | 19                |                           |                          |                                   |              | 0                       |                                    | 0                         | 0                              | 0.000                               |                               |
| <b>Perry Solar Facility 1</b>   |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL UNIT 1                    | 5                  | 574.00                     | 15                |                           |                          |                                   |              | 0                       |                                    | 0                         | 0                              | 0.000                               |                               |
| <b>TOTAL Solar:</b>             | 9                  | 1,110.00                   |                   |                           |                          |                                   |              | 0                       |                                    | 0                         | 0                              | 0.000                               |                               |
| <b>Steam</b>                    |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| <b>Anclote</b>                  |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL UNIT 1                    |                    | 165,796.00                 |                   |                           |                          |                                   | Gas          | 1,721,460               | 1.022                              | 1,759,332                 | 7,752,164                      | 4.676                               | 4.503                         |
| TOTAL UNIT 2                    | 524                | 165,796.00                 | 43                |                           |                          | 10,611                            |              |                         |                                    | 1,759,332                 | 7,752,164                      | 4.676                               |                               |
| TOTAL UNIT 2                    |                    | 114,901.00                 |                   |                           |                          |                                   | Gas          | 1,263,520               | 1.022                              | 1,291,317                 | 5,689,946                      | 4.952                               | 4.503                         |
| TOTAL UNIT 2                    | 524                | 114,901.00                 | 29                |                           |                          | 11,239                            |              |                         |                                    | 1,291,317                 | 5,689,946                      | 4.952                               |                               |
| <b>Bartow</b>                   |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL UNIT 1                    |                    |                            | 0.00              |                           |                          |                                   |              |                         |                                    | 0                         | 0                              | 0.000                               |                               |
| TOTAL UNIT 2                    |                    |                            | 0.00              |                           |                          |                                   |              |                         |                                    | 0                         | 0                              | 0.000                               |                               |
| TOTAL UNIT 3                    |                    |                            | 0.00              |                           |                          |                                   |              |                         |                                    | 0                         | 0                              | 0.000                               |                               |
| <b>Crystal River 1 &amp; 2</b>  |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL UNIT 1                    |                    | 48,264.00                  |                   |                           |                          |                                   | Coal         | 24,482                  | 22.400                             | 548,397                   | 2,370,030                      | 4.911                               | 96.807                        |
| TOTAL UNIT 1                    |                    | 0.00                       |                   |                           |                          |                                   | No 2         | 729                     | 5.756                              | 4,196                     | 86,332                         | 0.000                               | 118.425                       |
| TOTAL UNIT 1                    | 372                | 48,264.00                  | 17                |                           |                          | 11,449                            |              |                         |                                    | 552,593                   | 2,456,361                      | 5.089                               |                               |
| TOTAL UNIT 2                    |                    | 65,017.00                  |                   |                           |                          |                                   | Coal         | 36,585                  | 22.400                             | 819,504                   | 3,541,685                      | 5.447                               | 96.807                        |
| TOTAL UNIT 2                    |                    | 0.00                       |                   |                           |                          |                                   | No 2         | 963                     | 5.756                              | 5,543                     | 114,043                        | 0.000                               | 118.425                       |
| TOTAL UNIT 2                    | 503                | 65,017.00                  | 17                |                           |                          | 12,690                            |              |                         |                                    | 825,047                   | 3,655,728                      | 5.623                               |                               |

# A-4 System Net Generation and Fuel Cost Report

FINAL

## Duke Energy Florida, LLC

Report Period: 10/1/2017 to 10/1/2017  
Run Date: 11/3/2017 3:47:13PM

| (A)                            | (B)                | (C)                        | (D)               | (E)                       | (F)                      | (G)                               | (H)          | (I)                     | (J)                                | (K)                       | (L)                            | (M)                                 | (N)                           |
|--------------------------------|--------------------|----------------------------|-------------------|---------------------------|--------------------------|-----------------------------------|--------------|-------------------------|------------------------------------|---------------------------|--------------------------------|-------------------------------------|-------------------------------|
| PLANT                          | NET<br>CAP<br>(MW) | NET<br>GENERATION<br>(MWH) | CAP<br>FAC<br>(%) | EQUIV<br>AVAIL<br>FAC (%) | NET<br>OUTPUT<br>FAC (%) | AVE NET<br>HEAT RATE<br>(BTU/KWH) | FUEL<br>TYPE | FUEL<br>BURN<br>(UNITS) | FUEL<br>HEAT VALUE<br>(MMBTU/UNIT) | FUEL<br>BURNED<br>(MMBTU) | AS BURNED<br>FUEL COST<br>(\$) | FUEL COST<br>PER KWH<br>(CENTS/KWH) | FUEL COST<br>PER UNIT<br>(\$) |
| <b>Steam</b>                   |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| <b>Crystal River 4 &amp; 5</b> |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
|                                |                    | 384,385.00                 |                   |                           |                          |                                   | Coal         | 192,686                 | 22.946                             | 4,421,373                 | 13,017,918                     | 3.387                               | 67.560                        |
|                                |                    | 0.00                       |                   |                           |                          |                                   | No 2         | 1,190                   | 5.757                              | 6,851                     | 140,901                        | 0.000                               | 118.405                       |
| TOTAL UNIT 4                   | 721                | 384,385.00                 | 72                |                           |                          | 11,520                            |              |                         |                                    | 4,428,223                 | 13,158,820                     | 3.423                               |                               |
|                                |                    | 260,943.00                 |                   |                           |                          |                                   | Coal         | 126,813                 | 22.946                             | 2,909,851                 | 8,567,521                      | 3.283                               | 67.560                        |
|                                |                    | 0.00                       |                   |                           |                          |                                   | No 2         | 933                     | 5.757                              | 5,371                     | 110,471                        | 0.000                               | 118.405                       |
| TOTAL UNIT 5                   | 721                | 260,943.00                 | 49                |                           |                          | 11,172                            |              |                         |                                    | 2,915,222                 | 8,677,992                      | 3.326                               |                               |
| <b>Suwannee Plant</b>          |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL UNIT 1                   |                    |                            | 0.00              |                           |                          | 0                                 |              |                         |                                    | 0                         | 0                              | 0.000                               |                               |
| TOTAL UNIT 2                   |                    |                            | 0.00              |                           |                          | 0                                 |              |                         |                                    | 0                         | 0                              | 0.000                               |                               |
| TOTAL UNIT 3                   |                    |                            | 0.00              |                           |                          | 0                                 |              |                         |                                    | 0                         | 0                              | 0.000                               |                               |
| <b>TOTAL Steam:</b>            | 3,365              | 1,039,306.00               |                   |                           |                          | 11,327                            |              |                         |                                    | 11,771,734                | 41,391,012                     | 3.983                               |                               |

# A-4 System Net Generation and Fuel Cost Report

FINAL

## Duke Energy Florida, LLC

Report Period: 10/1/2017 to 10/1/2017  
Run Date: 11/3/2017 3:47:13PM

| (A)                             | (B)                | (C)                        | (D)               | (E)                       | (F)                      | (G)                               | (H)          | (I)                     | (J)                                | (K)                       | (L)                            | (M)                                 | (N)                           |
|---------------------------------|--------------------|----------------------------|-------------------|---------------------------|--------------------------|-----------------------------------|--------------|-------------------------|------------------------------------|---------------------------|--------------------------------|-------------------------------------|-------------------------------|
| PLANT                           | NET<br>CAP<br>(MW) | NET<br>GENERATION<br>(MWH) | CAP<br>FAC<br>(%) | EQUIV<br>AVAIL<br>FAC (%) | NET<br>OUTPUT<br>FAC (%) | AVE NET<br>HEAT RATE<br>(BTU/KWH) | FUEL<br>TYPE | FUEL<br>BURN<br>(UNITS) | FUEL<br>HEAT VALUE<br>(MMBTU/UNIT) | FUEL<br>BURNED<br>(MMBTU) | AS BURNED<br>FUEL COST<br>(\$) | FUEL COST<br>PER KWH<br>(CENTS/KWH) | FUEL COST<br>PER UNIT<br>(\$) |
| <b>Gas Turbine</b>              |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| <b>Avon Park Peaker</b>         |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL APP                       |                    | 0 00                       |                   |                           |                          |                                   | Gas          | 0                       | 0.000                              | 0                         | (155)                          | 0 000                               | 0.000                         |
|                                 | 0                  | 0.00                       | 0                 |                           |                          | 0                                 |              |                         |                                    | 0                         | (155)                          | 0 000                               |                               |
| <b>Bartow Combined Cycle</b>    |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL BCC                       |                    | 658,897 00                 |                   |                           |                          |                                   | Gas          | 5,037,262               | 1.016                              | 5,117,858                 | 25,052,054                     | 3 802                               | 4.973                         |
|                                 | 1,120              | 658,897.00                 | 79                |                           |                          | 7,767                             |              |                         |                                    | 5,117,858                 | 25,052,054                     | 3 802                               |                               |
| <b>Bartow Peaker</b>            |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL BAP                       |                    | 549 00                     |                   |                           |                          |                                   | Gas          | 7,663                   | 1.023                              | 7,839                     | 34,539                         | 6 291                               | 4.507                         |
|                                 | 45                 | 549.00                     | 2                 |                           |                          | 14,279                            |              |                         |                                    | 7,839                     | 34,539                         | 6 291                               |                               |
| <b>Bayboro Peaker</b>           |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL BYP                       |                    | 0 00                       |                   |                           |                          |                                   | No 2         | 1,208                   | 5.712                              | 6,900                     | 177,092                        | 0 000                               | 146.600                       |
|                                 | 106                | 0.00                       | 0                 |                           |                          | 0                                 |              |                         |                                    | 6,900                     | 177,092                        | 0 000                               |                               |
| <b>Debary Peaker</b>            |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL DEP                       |                    | 197 63<br>5,692 37         |                   |                           |                          |                                   | No 2<br>Gas  | 465<br>75,460           | 5.769<br>1.024                     | 2,683<br>77,271           | 53,882<br>339,689              | 27 264<br>5.967                     | 115.875<br>4.502              |
|                                 | 353                | 5,890.00                   | 2                 |                           |                          | 13,574                            |              |                         |                                    | 79,954                    | 393,571                        | 6 682                               |                               |
| <b>Higgins Peaker</b>           |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL HGP                       |                    | 1,084 30                   |                   |                           |                          |                                   | Gas          | 19,985                  | 1.023                              | 20,445                    | 89,961                         | 8 297                               | 4.501                         |
|                                 | 96                 | 1,084.30                   | 2                 |                           |                          | 18,855                            |              |                         |                                    | 20,445                    | 89,961                         | 8 297                               |                               |
| <b>Hines Energy</b>             |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL HEP                       |                    | 1,086,995 00               |                   |                           |                          |                                   | Gas          | 7,628,535               | 1.018                              | 7,765,849                 | 34,478,989                     | 3.172                               | 4.520                         |
|                                 | 2,199              | 1,086,995.00               | 66                |                           |                          | 7,144                             |              |                         |                                    | 7,765,849                 | 34,478,989                     | 3.172                               |                               |
| <b>Intercession City Peaker</b> |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL ICP                       |                    | 837.42<br>29,640.16        |                   |                           |                          |                                   | No 2<br>Gas  | (5,487)<br>375,534      | (1.988)<br>1.028                   | 10,907<br>386,049         | (523,748)<br>1,888,616         | (62.543)<br>6 372                   | 95.453<br>5.029               |
|                                 | 1,188              | 30,477.58                  | 3                 |                           |                          | 13,025                            |              |                         |                                    | 396,956                   | 1,364,868                      | 4.478                               |                               |
| <b>Osprey</b>                   |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL OSP                       |                    | 275,797 00                 |                   |                           |                          |                                   | Gas          | 1,945,324               | 1.017                              | 1,978,395                 | 9,686,850                      | 3.512                               | 4.980                         |
|                                 | 531                | 275,797.00                 | 70                |                           |                          | 7,173                             |              |                         |                                    | 1,978,395                 | 9,686,850                      | 3.512                               |                               |
| <b>Suwannee Peaker</b>          |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL SRP                       |                    | 657 80<br>4,418 80         |                   |                           |                          |                                   | No 2<br>Gas  | 1,784<br>68,144         | 5.817<br>1.023                     | 10,378<br>69,711          | 164,070<br>306,631             | 24.942<br>6.939                     | 91.968<br>4.500               |
|                                 | 200                | 5,076.60                   | 3                 |                           |                          | 15,776                            |              |                         |                                    | 80,089                    | 470,701                        | 9 272                               |                               |
| <b>Tiger Bay Cogen</b>          |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL TBP                       |                    | 149,413 00                 |                   |                           |                          |                                   | Gas          | 1,150,221               | 1.016                              | 1,168,625                 | 5,721,146                      | 3 829                               | 4.974                         |
|                                 | 231                | 149,413.00                 | 87                |                           |                          | 7,821                             |              |                         |                                    | 1,168,625                 | 5,721,146                      | 3 829                               |                               |

# A-4 System Net Generation and Fuel Cost Report

FINAL

## Duke Energy Florida, LLC

Report Period: 10/1/2017 to 10/1/2017  
Run Date: 11/3/2017 3:47:13PM

| (A)                          | (B)                | (C)                        | (D)               | (E)                       | (F)                      | (G)                               | (H)          | (I)                     | (J)                                | (K)                       | (L)                            | (M)                                 | (N)                           |
|------------------------------|--------------------|----------------------------|-------------------|---------------------------|--------------------------|-----------------------------------|--------------|-------------------------|------------------------------------|---------------------------|--------------------------------|-------------------------------------|-------------------------------|
| PLANT                        | NET<br>CAP<br>(MW) | NET<br>GENERATION<br>(MWH) | CAP<br>FAC<br>(%) | EQUIV<br>AVAIL<br>FAC (%) | NET<br>OUTPUT<br>FAC (%) | AVE NET<br>HEAT RATE<br>(BTU/KWH) | FUEL<br>TYPE | FUEL<br>BURN<br>(UNITS) | FUEL<br>HEAT VALUE<br>(MMBTU/UNIT) | FUEL<br>BURNED<br>(MMBTU) | AS BURNED<br>FUEL COST<br>(\$) | FUEL COST<br>PER KWH<br>(CENTS/KWH) | FUEL COST<br>PER UNIT<br>(\$) |
| <b>Gas Turbine</b>           |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| <b>Univ of Florida Cogen</b> |                    | 0 00                       |                   |                           |                          |                                   | No 2         | 0                       | 0.000                              | 0                         | 0                              | 0 000                               | 0.000                         |
|                              |                    | 5,996.10                   |                   |                           |                          |                                   | Gas          | 129,476                 | 1.024                              | 132,583                   | 345,924                        | 5.769                               | 2.672                         |
| TOTAL UFP                    |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
|                              | 48                 | 5,996.10                   | 17                |                           |                          | 22,112                            |              |                         |                                    | 132,583                   | 345,924                        | 5.769                               |                               |
| <b>TOTAL Gas Turbine:</b>    |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
|                              | 6,117              | 2,220,175.58               |                   |                           |                          | 7,547                             |              |                         |                                    | 16,755,492                | 77,815,538                     | 3.505                               |                               |
| <b>SYSTEM</b>                |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| <b>TOTAL:</b>                | 9,491              | 3,260,591.58               |                   |                           |                          | 8,749                             |              |                         |                                    | 28,527,226                | 119,206,550                    | 3.656                               |                               |



# A-4 System Net Generation and Fuel Cost Report

## Duke Energy Florida, LLC

Report Period:  
Run Date:

1/1/2017 to 10/1/2017  
11/3/2017 3:54:41PM

| (A)                             | (B)                | (C)                        | (D)               | (E)                       | (F)                      | (G)                               | (H)          | (I)                     | (J)                                | (K)                       | (L)                            | (M)                                 | (N)                           |
|---------------------------------|--------------------|----------------------------|-------------------|---------------------------|--------------------------|-----------------------------------|--------------|-------------------------|------------------------------------|---------------------------|--------------------------------|-------------------------------------|-------------------------------|
| PLANT                           | NET<br>CAP<br>(MW) | NET<br>GENERATION<br>(MWH) | CAP<br>FAC<br>(%) | EQUIV<br>AVA L<br>FAC (%) | NET<br>OUTPUT<br>FAC (%) | AVE NET<br>HEAT RATE<br>(BTU/KWH) | FUEL<br>TYPE | FUEL<br>BURN<br>(UNITS) | FUEL<br>HEAT VALUE<br>(MMBTU/UNIT) | FUEL<br>BURNED<br>(MMBTU) | AS BURNED<br>FUEL COST<br>(\$) | FUEL COST<br>PER KWH<br>(CENTS/KWH) | FUEL COST<br>PER UNIT<br>(\$) |
| <b>Nuclear</b>                  |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| <b>Crystal River 3</b>          |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL UNIT 3                    |                    |                            | 0.00              |                           |                          | 0                                 |              |                         |                                    | 0                         | 0                              | 0 000                               |                               |
| <b>TOTAL Nuclear:</b>           | 0                  | 0.00                       |                   |                           |                          | 0                                 |              |                         |                                    | 0                         | 0                              | 0 000                               |                               |
| <b>Solar</b>                    |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| <b>Osceola Solar Facility 1</b> |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL UNIT 1                    | 4                  | 4,827.00                   | 17                |                           |                          | 0                                 |              |                         |                                    | 0                         | 0                              | 0 000                               |                               |
| <b>Perry Solar Facility 1</b>   |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL UNIT 1                    | 5                  | 6,926.00                   | 19                |                           |                          | 0                                 |              |                         |                                    | 0                         | 0                              | 0 000                               |                               |
| <b>TOTAL Solar:</b>             | 9                  | 11,753.00                  |                   |                           |                          | 0                                 |              |                         |                                    | 0                         | 0                              | 0 000                               |                               |
| <b>Steam</b>                    |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| <b>Anclote</b>                  |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL UNIT 1                    |                    | 1,043,062.00               |                   |                           |                          |                                   | Gas          | 11,061,573              | 1 024                              | 11,323,009                | 50,938,066                     | 4 884                               | 4.605                         |
|                                 | 524                | 1,043,062.00               | 27                |                           |                          | 10,856                            |              |                         |                                    | 11,323,009                | 50,938,066                     | 4 884                               |                               |
| TOTAL UNIT 2                    |                    | 1,269,991.00               |                   |                           |                          |                                   | Gas          | 13,707,200              | 1 024                              | 14,031,185                | 64,811,436                     | 5.103                               | 4.728                         |
|                                 | 524                | 1,269,991.00               | 33                |                           |                          | 11,048                            |              |                         |                                    | 14,031,185                | 64,811,436                     | 5.103                               |                               |
| <b>Bartow</b>                   |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL UNIT 1                    |                    |                            | 0.00              |                           |                          | 0                                 |              |                         |                                    | 0                         | 0                              | 0 000                               |                               |
| TOTAL UNIT 2                    |                    |                            | 0.00              |                           |                          | 0                                 |              |                         |                                    | 0                         | 0                              | 0 000                               |                               |
| TOTAL UNIT 3                    |                    |                            | 0.00              |                           |                          | 0                                 |              |                         |                                    | 0                         | 0                              | 0 000                               |                               |
| <b>Crystal River 1 &amp; 2</b>  |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL UNIT 1                    |                    | 483,136.00                 |                   |                           |                          |                                   | Coal         | 241,509                 | 22.442                             | 5,420,056                 | 23,374,719                     | 4 838                               | 96.786                        |
|                                 |                    | 0.00                       |                   |                           |                          |                                   | No 2         | 8,780                   | 5.762                              | 50,587                    | 814,684                        | 0 000                               | 92.789                        |
|                                 | 372                | 483,136.00                 | 18                |                           |                          | 11,323                            |              |                         |                                    | 5,470,642                 | 24,189,403                     | 5 007                               |                               |
|                                 |                    | 652,625.91                 |                   |                           |                          |                                   | Coal         | 349,561                 | 22.449                             | 7,847,215                 | 33,805,590                     | 5.180                               | 96.709                        |
|                                 |                    | 0.00                       |                   |                           |                          |                                   | No 2         | 11,589                  | 5.759                              | 66,743                    | 1,001,973                      | 0 000                               | 86.459                        |
| TOTAL UNIT 2                    |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
|                                 | 503                | 652,625.91                 | 18                |                           |                          | 12,126                            |              |                         |                                    | 7,913,958                 | 34,807,562                     | 5 333                               |                               |

# A-4 System Net Generation and Fuel Cost Report

## Duke Energy Florida, LLC

Report Period:

1/1/2017 to 10/1/2017

Run Date:

11/3/2017 3:54:41PM

| (A)                            | (B)                | (C)                        | (D)               | (E)                       | (F)                      | (G)                               | (H)          | (I)                     | (J)                                | (K)                       | (L)                            | (M)                                 | (N)                           |
|--------------------------------|--------------------|----------------------------|-------------------|---------------------------|--------------------------|-----------------------------------|--------------|-------------------------|------------------------------------|---------------------------|--------------------------------|-------------------------------------|-------------------------------|
| PLANT                          | NET<br>CAP<br>(MW) | NET<br>GENERATION<br>(MWH) | CAP<br>FAC<br>(%) | EQUIV<br>AVA L<br>FAC (%) | NET<br>OUTPUT<br>FAC (%) | AVE NET<br>HEAT RATE<br>(BTU/KWH) | FUEL<br>TYPE | FUEL<br>BURN<br>(UNITS) | FUEL<br>HEAT VALUE<br>(MMBTU/UNIT) | FUEL<br>BURNED<br>(MMBTU) | AS BURNED<br>FUEL COST<br>(\$) | FUEL COST<br>PER KWH<br>(CENTS/KWH) | FUEL COST<br>PER UNIT<br>(\$) |
| <b>Steam</b>                   |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| <b>Crystal River 4 &amp; 5</b> |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
|                                |                    | 3,596,118.00               |                   |                           |                          |                                   | Coal         | 1,641,908               | 22.555                             | 37,033,607                | 121,589,524                    | 3.381                               | 74.054                        |
|                                |                    | 0.00                       |                   |                           |                          |                                   | No 2         | 17,917                  | 5.746                              | 102,953                   | 1,576,664                      | 0.000                               | 87.998                        |
| TOTAL UNIT 4                   | 721                | 3,596,118.00               | 68                |                           |                          | 10,327                            |              |                         |                                    | 37,136,560                | 123,166,188                    | 3.425                               |                               |
|                                |                    | 3,519,110.00               |                   |                           |                          |                                   | Coal         | 1,563,760               | 22.561                             | 35,280,355                | 116,045,121                    | 3.298                               | 74.209                        |
|                                |                    | 0.00                       |                   |                           |                          |                                   | No 2         | 16,338                  | 5.745                              | 93,855                    | 1,449,324                      | 0.000                               | 88.709                        |
| TOTAL UNIT 5                   | 721                | 3,519,110.00               | 67                |                           |                          | 10,052                            |              |                         |                                    | 35,374,210                | 117,494,444                    | 3.339                               |                               |
| <b>Suwannee Plant</b>          |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
|                                |                    | 1.00                       |                   |                           |                          |                                   | Gas          | 1                       | 0.000                              | 0                         | (3,274)                        | (327.357)                           | (3,273.570)                   |
| TOTAL UNIT 1                   |                    |                            | 1.00              |                           |                          | 0                                 |              |                         |                                    | 0                         | (3,274)                        | (327.357)                           |                               |
| TOTAL UNIT 2                   |                    |                            | 0.00              |                           |                          | 0                                 |              |                         |                                    | 0                         | 0                              | 0.000                               |                               |
| TOTAL UNIT 3                   |                    |                            | 0.00              |                           |                          | 0                                 |              |                         |                                    | 0                         | 0                              | 0.000                               |                               |
| <b>TOTAL Steam:</b>            | 3,365              | 10,564,043.91              |                   |                           |                          | 10,531                            |              |                         |                                    | 111,249,564               | 415,403,826                    | 3.932                               |                               |

# A-4 System Net Generation and Fuel Cost Report

## Duke Energy Florida, LLC

Report Period: 1/1/2017 to 10/1/2017  
Run Date: 11/3/2017 3:54:41PM

| (A)                             | (B)                | (C)                        | (D)               | (E)                       | (F)                      | (G)                               | (H)          | (I)                     | (J)                                | (K)                       | (L)                            | (M)                                 | (N)                           |
|---------------------------------|--------------------|----------------------------|-------------------|---------------------------|--------------------------|-----------------------------------|--------------|-------------------------|------------------------------------|---------------------------|--------------------------------|-------------------------------------|-------------------------------|
| PLANT                           | NET<br>CAP<br>(MW) | NET<br>GENERATION<br>(MWH) | CAP<br>FAC<br>(%) | EQUIV<br>AVA L<br>FAC (%) | NET<br>OUTPUT<br>FAC (%) | AVE NET<br>HEAT RATE<br>(BTU/KWH) | FUEL<br>TYPE | FUEL<br>BURN<br>(UNITS) | FUEL<br>HEAT VALUE<br>(MMBTU/UNIT) | FUEL<br>BURNED<br>(MMBTU) | AS BURNED<br>FUEL COST<br>(\$) | FUEL COST<br>PER KWH<br>(CENTS/KWH) | FUEL COST<br>PER UNIT<br>(\$) |
| <b>Gas Turbine</b>              |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| <b>Avon Park Peaker</b>         |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
|                                 |                    | 1,136.47                   |                   |                           |                          |                                   | No 2         | 3,370                   | 5 816                              | 19,601                    | 336,047                        | 29.569                              | 99.717                        |
|                                 |                    | 4,082.63                   |                   |                           |                          |                                   | Gas          | 68,680                  | 1 025                              | 70,414                    | 309,421                        | 7.579                               | 4.505                         |
| TOTAL APP                       |                    |                            |                   |                           |                          |                                   |              |                         |                                    | 90,015                    | 645,468                        | 12.367                              |                               |
|                                 | 47                 | 5,219.10                   | 2                 |                           |                          | 17,247                            |              |                         |                                    |                           |                                |                                     |                               |
| <b>Bartow Combined Cycle</b>    |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
|                                 |                    | 5,759,634.00               |                   |                           |                          |                                   | Gas          | 45,049,635              | 1 020                              | 45,968,094                | 198,369,791                    | 3.444                               | 4.403                         |
| TOTAL BCC                       |                    |                            |                   |                           |                          |                                   |              |                         |                                    | 45,968,094                | 198,369,791                    | 3.444                               |                               |
|                                 | 1,120              | 5,759,634.00               | 70                |                           |                          | 7,981                             |              |                         |                                    |                           |                                |                                     |                               |
| <b>Bartow Peaker</b>            |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
|                                 |                    | 764.48                     |                   |                           |                          |                                   | No 2         | 2,136                   | 5.712                              | 12,201                    | 224,446                        | 29.359                              | 105.078                       |
|                                 |                    | 10,181.52                  |                   |                           |                          |                                   | Gas          | 158,924                 | 1 022                              | 162,493                   | 719,883                        | 7.070                               | 4.530                         |
| TOTAL BAP                       |                    |                            |                   |                           |                          |                                   |              |                         |                                    | 174,694                   | 944,329                        | 8.627                               |                               |
|                                 | 201                | 10,946.00                  | 1                 |                           |                          | 15,960                            |              |                         |                                    |                           |                                |                                     |                               |
| <b>Bayboro Peaker</b>           |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
|                                 |                    | 2,569.50                   |                   |                           |                          |                                   | No 2         | 7,247                   | 5.712                              | 41,395                    | 1,055,110                      | 41.063                              | 145.593                       |
| TOTAL BYP                       |                    |                            |                   |                           |                          |                                   |              |                         |                                    | 41,395                    | 1,055,110                      | 41.063                              |                               |
|                                 | 217                | 2,569.50                   | 0                 |                           |                          | 16,110                            |              |                         |                                    |                           |                                |                                     |                               |
| <b>Debarry Peaker</b>           |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
|                                 |                    | 7,317.72                   |                   |                           |                          |                                   | No 2         | 16,925                  | 5.772                              | 97,683                    | 1,972,027                      | 26.949                              | 116.516                       |
|                                 |                    | 119,210.28                 |                   |                           |                          |                                   | Gas          | 1,553,399               | 1 024                              | 1,591,316                 | 7,174,756                      | 6.019                               | 4.619                         |
| TOTAL DEP                       |                    |                            |                   |                           |                          |                                   |              |                         |                                    | 1,688,999                 | 9,146,783                      | 7.229                               |                               |
|                                 | 701                | 126,528.00                 | 2                 |                           |                          | 13,349                            |              |                         |                                    |                           |                                |                                     |                               |
| <b>Higgins Peaker</b>           |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
|                                 |                    | 11,704.70                  |                   |                           |                          |                                   | Gas          | 203,644                 | 1 024                              | 208,508                   | 920,503                        | 7.864                               | 4.520                         |
| TOTAL HGP                       |                    |                            |                   |                           |                          |                                   |              |                         |                                    | 208,508                   | 920,503                        | 7.864                               |                               |
|                                 | 117                | 11,704.70                  | 1                 |                           |                          | 17,814                            |              |                         |                                    |                           |                                |                                     |                               |
| <b>Hines Energy</b>             |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
|                                 |                    | 11,218,409.10              |                   |                           |                          |                                   | Gas          | 79,707,442              | 1 022                              | 81,449,661                | 339,181,081                    | 3.023                               | 4.255                         |
| TOTAL HEP                       |                    |                            |                   |                           |                          |                                   |              |                         |                                    | 81,449,661                | 339,181,081                    | 3.023                               |                               |
|                                 | 2,199              | 11,218,409.10              | 70                |                           |                          | 7,260                             |              |                         |                                    |                           |                                |                                     |                               |
| <b>Intercession City Peaker</b> |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
|                                 |                    | 18,844.92                  |                   |                           |                          |                                   | No 2         | 36,118                  | 6.986                              | 252,309                   | 3,447,618                      | 18.295                              | 95.454                        |
|                                 |                    | 272,957.34                 |                   |                           |                          |                                   | Gas          | 3,560,727               | 1 026                              | 3,653,866                 | 15,423,167                     | 5.650                               | 4.331                         |
| TOTAL ICP                       |                    |                            |                   |                           |                          |                                   |              |                         |                                    | 3,906,174                 | 18,870,785                     | 6.467                               |                               |
|                                 | 1,188              | 291,802.26                 | 3                 |                           |                          | 13,386                            |              |                         |                                    |                           |                                |                                     |                               |
| <b>Osprey</b>                   |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
|                                 |                    | 1,313,517.00               |                   |                           |                          |                                   | Gas          | 9,422,082               | 1 020                              | 9,615,114                 | 41,182,911                     | 3.135                               | 4.371                         |
| TOTAL OSP                       |                    |                            |                   |                           |                          |                                   |              |                         |                                    | 9,615,114                 | 41,182,911                     | 3.135                               |                               |
|                                 | 531                | 1,313,517.00               | 34                |                           |                          | 7,320                             |              |                         |                                    |                           |                                |                                     |                               |
| <b>Suwannee Peaker</b>          |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
|                                 |                    | 1,662.08                   |                   |                           |                          |                                   | No 2         | 4,298                   | 5 817                              | 25,001                    | 395,277                        | 23.782                              | 91.968                        |
|                                 |                    | 30,669.12                  |                   |                           |                          |                                   | Gas          | 450,757                 | 1 023                              | 461,334                   | 2,084,500                      | 6.797                               | 4.624                         |
| TOTAL SRP                       |                    |                            |                   |                           |                          |                                   |              |                         |                                    | 486,336                   | 2,479,776                      | 7.670                               |                               |
|                                 | 200                | 32,331.20                  | 2                 |                           |                          | 15,042                            |              |                         |                                    |                           |                                |                                     |                               |

# A-4 System Net Generation and Fuel Cost Report

## Duke Energy Florida, LLC

Report Period:

1/1/2017 to 10/1/2017

Run Date:

11/3/2017 3:54:41PM

| (A)                          | (B)                | (C)                        | (D)               | (E)                       | (F)                      | (G)                               | (H)          | (I)                     | (J)                                | (K)                       | (L)                            | (M)                                 | (N)                           |
|------------------------------|--------------------|----------------------------|-------------------|---------------------------|--------------------------|-----------------------------------|--------------|-------------------------|------------------------------------|---------------------------|--------------------------------|-------------------------------------|-------------------------------|
| PLANT                        | NET<br>CAP<br>(MW) | NET<br>GENERATION<br>(MWH) | CAP<br>FAC<br>(%) | EQUIV<br>AVA L<br>FAC (%) | NET<br>OUTPUT<br>FAC (%) | AVE NET<br>HEAT RATE<br>(BTU/KWH) | FUEL<br>TYPE | FUEL<br>BURN<br>(UNITS) | FUEL<br>HEAT VALUE<br>(MMBTU/UNIT) | FUEL<br>BURNED<br>(MMBTU) | AS BURNED<br>FUEL COST<br>(\$) | FUEL COST<br>PER KWH<br>(CENTS/KWH) | FUEL COST<br>PER UNIT<br>(\$) |
| <b>Gas Turbine</b>           |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| <b>Tiger Bay Cogen</b>       |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL TBP                    |                    | 1,394,355.00               |                   |                           |                          |                                   | Gas          | 10,476,246              | 1 020                              | 10,689,037                | 46,457,129                     | 3 332                               | 4.435                         |
|                              | 231                | 1,394,355 00               | 83                |                           |                          | 7,666                             |              |                         |                                    | 10,689,037                | 46,457,129                     | 3 332                               |                               |
| <b>Univ of Florida Cogen</b> |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
| TOTAL UFP                    |                    | 102.74                     |                   |                           |                          |                                   | No 2         | 177                     | 5 814                              | 1,029                     | 21,110                         | 20.548                              | 119.267                       |
|                              |                    | 299,865.86                 |                   |                           |                          |                                   | Gas          | 2,931,997               | 1 024                              | 3,003,587                 | 12,782,505                     | 4 263                               | 4.360                         |
|                              | 48                 | 299,968 60                 | 86                |                           |                          | 10,016                            |              |                         |                                    | 3,004,616                 | 12,803,615                     | 4 268                               |                               |
| <b>TOTAL Gas Turbine:</b>    |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
|                              | 6,800              | 20,466,984.46              |                   |                           |                          | 7,687                             |              |                         |                                    | 157,322,643               | 672,057,281                    | 3 284                               |                               |
| <b>SYSTEM TOTAL:</b>         |                    |                            |                   |                           |                          |                                   |              |                         |                                    |                           |                                |                                     |                               |
|                              | 10,174             | 31,042,781 37              |                   |                           |                          | 8,652                             |              |                         |                                    | 268,572,206               | 1,087,461,107                  | 3.503                               |                               |

# A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 10/1/2017 to 10/1/2017

Run Date: 11/3/2017 3:47:39PM

|                              | <u>ACTUAL</u> | <u>ESTIMATED</u> | <u>DIFFERENCE</u> | <u>DIFFERENCE (%)</u> |
|------------------------------|---------------|------------------|-------------------|-----------------------|
| <b>HEAVY OIL</b>             |               |                  |                   |                       |
| <b>1 - PURCHASES</b>         |               |                  |                   |                       |
| 2 - UNITS (BBL)              | 0             | 0                | 0                 | 0.0%                  |
| 3 - UNIT COST (\$/BBL)       | 0.00          | 0.00             | 0.00              | -                     |
| 4 - AMOUNT (\$)              | 0             | 0                | 0                 | 0.0%                  |
| <b>5 - BURNED</b>            |               |                  |                   |                       |
| 6 - UNITS (BBL)              | 0             | 0                | 0                 | 0.0%                  |
| 7 - UNIT COST (\$/BBL)       | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 8 - AMOUNT (\$)              | 0             | 0                | 0                 | 0.0%                  |
| <b>9 - ADJUSTMENTS</b>       |               |                  |                   |                       |
| 10 - UNITS (BBL)             | 0             |                  |                   |                       |
| 11 - AMOUNT (\$)             | 0             |                  |                   |                       |
| <b>12 - ENDING INVENTORY</b> |               |                  |                   |                       |
| 13 - UNITS (BBL)             | 0             | 0                | 0                 | 0.0%                  |
| 14 - UNIT COST (\$/BBL)      | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 15 - AMOUNT (\$)             | 0             | 0                | 0                 | 0.0%                  |
| 16 -                         |               |                  |                   |                       |
| <b>17 - DAYS SUPPLY</b>      | 0             | 0                | 0                 | 0.0%                  |
| <b>LIGHT OIL</b>             |               |                  |                   |                       |
| <b>18 - PURCHASES</b>        |               |                  |                   |                       |
| 19 - UNITS (BBL)             | 1             | 1,061            | (1,060)           | (99.9%)               |
| 20 - UNIT COST (\$/BBL)      | 6,713.19      | 254.46           | 6,458.73          | 2538.2%               |
| 21 - AMOUNT (\$)             | 6,713         | 269,987          | (263,274)         | (97.5%)               |
| <b>22 - BURNED</b>           |               |                  |                   |                       |
| 23 - UNITS (BBL)             | 1,785         | 1,061            | 724               | 68.2%                 |
| 24 - UNIT COST (\$/BBL)      | 180.98        | 254.46           | (73.49)           | (28.9%)               |
| 25 - AMOUNT (\$)             | 323,044       | 269,987          | 53,057            | 19.7%                 |
| <b>26 - ADJUSTMENTS</b>      |               |                  |                   |                       |
| 27 - UNITS (BBL)             | 0             |                  |                   |                       |
| 28 - AMOUNT (\$)             | 0             |                  |                   |                       |
| <b>29 - ENDING INVENTORY</b> |               |                  |                   |                       |
| 30 - UNITS (BBL)             | 839,416       | 947,635          | (108,219)         | (11.4%)               |
| 31 - UNIT COST (\$/BBL)      | 112.29        | 109.83           | 2.46              | 2.2%                  |
| 32 - AMOUNT (\$)             | 94,257,565    | 104,075,698      | (9,818,133)       | (9.4%)                |
| 33 -                         |               |                  |                   |                       |
| <b>34 - DAYS SUPPLY</b>      | 14,578        | 26,795           | (12,216)          | (45.6%)               |

# A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 10/1/2017 to 10/1/2017

Run Date: 11/3/2017 3:47:39PM

|                              | <u>ACTUAL</u> | <u>ESTIMATED</u> | <u>DIFFERENCE</u> | <u>DIFFERENCE (%)</u> |
|------------------------------|---------------|------------------|-------------------|-----------------------|
| <b>COAL</b>                  |               |                  |                   |                       |
| <b>35 - PURCHASES</b>        |               |                  |                   |                       |
| 36 - UNITS (TON)             | 402,712       | 299,087          | 103,625           | 34.6%                 |
| 37 - UNIT COST (\$/TON)      | 72.39         | 62.58            | 9.80              | 15.7%                 |
| 38 - AMOUNT (\$)             | 29,150,741    | 18,718,186       | 10,432,555        | 55.7%                 |
| <b>39 - BURNED</b>           |               |                  |                   |                       |
| 40 - UNITS (TON)             | 380,566       | 299,087          | 81,479            | 27.2%                 |
| 41 - UNIT COST (\$/TON)      | 72.25         | 62.58            | 9.67              | 15.4%                 |
| 42 - AMOUNT (\$)             | 27,497,154    | 18,718,186       | 8,778,968         | 46.9%                 |
| <b>43 - ADJUSTMENTS</b>      |               |                  |                   |                       |
| 44 - UNITS (TON)             | 0             |                  |                   |                       |
| 45 - AMOUNT (\$)             | 0             |                  |                   |                       |
| <b>46 - ENDING INVENTORY</b> |               |                  |                   |                       |
| 47 - UNITS (TON)             | 855,222       | 882,732          | (27,510)          | (3.1%)                |
| 48 - UNIT COST (\$/TON)      | 76.04         | 62.58            | 13.46             | 21.5%                 |
| 49 - AMOUNT (\$)             | 65,031,802    | 55,245,253       | 9,786,549         | 17.7%                 |
| 50 -                         |               |                  |                   |                       |
| 51 - DAYS SUPPLY             | 70            | 89               | (19)              | (21.3%)               |
| <b>OTHER</b>                 |               |                  |                   |                       |
| 52                           |               |                  |                   |                       |
| 53                           |               |                  |                   |                       |
| 54                           |               |                  |                   |                       |
| 55                           |               |                  |                   |                       |
| 56                           |               |                  |                   |                       |
| 57                           |               |                  |                   |                       |
| 58                           |               |                  |                   |                       |
| 59                           |               |                  |                   |                       |
| 60                           |               |                  |                   |                       |
| 61                           |               |                  |                   |                       |
| 62                           |               |                  |                   |                       |
| 63                           |               |                  |                   |                       |
| 64                           |               |                  |                   |                       |
| 65                           |               |                  |                   |                       |

# A-5 System Generation Fuel Cost Report

FINAL

Duke Energy Florida, LLC

Report Period: 10/1/2017 to 10/1/2017

Run Date: 11/3/2017 3:47:39PM

|                           | <u>ACTUAL</u> | <u>ESTIMATED</u> | <u>DIFFERENCE</u> | <u>DIFFERENCE (%)</u> |
|---------------------------|---------------|------------------|-------------------|-----------------------|
| <b>GAS</b>                |               |                  |                   |                       |
| <b>66 - BURNED</b>        |               |                  |                   |                       |
| 67 - UNITS (MCF)          | 19,422,584    | 18,089,452       | 1,333,132         | 7.4%                  |
| 68 - UNIT COST (\$/MCF)   | 4.71          | 4.92             | (0.21)            | (4.3%)                |
| 69 - AMOUNT (\$)          | 91,386,352    | 88,912,548       | 2,473,804         | 2.8%                  |
| <b>NUCLEAR</b>            |               |                  |                   |                       |
| <b>70 - BURNED</b>        |               |                  |                   |                       |
| 71 - UNITS (MMBTU)        | 0             | 0                | 0                 | 0.0%                  |
| 72 - UNIT COST (\$/MMBTU) | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 73 - AMOUNT (\$)          | 0             | 0                | 0                 | 0.0%                  |

# A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 10/1/2017

Run Date: 11/3/2017 3:54:44PM

|                              | <u>ACTUAL</u> | <u>ESTIMATED</u> | <u>DIFFERENCE</u> | <u>DIFFERENCE (%)</u> |
|------------------------------|---------------|------------------|-------------------|-----------------------|
| <b>HEAVY OIL</b>             |               |                  |                   |                       |
| <b>1 - PURCHASES</b>         |               |                  |                   |                       |
| 2 - UNITS (BBL)              | 0             | 0                | 0                 | 0.0%                  |
| 3 - UNIT COST (\$/BBL)       | 0.00          | 0.00             | 0.00              | -                     |
| 4 - AMOUNT (\$)              | 0             | 0                | 0                 | 0.0%                  |
| <b>5 - BURNED</b>            |               |                  |                   |                       |
| 6 - UNITS (BBL)              | 0             | 0                | 0                 | 0.0%                  |
| 7 - UNIT COST (\$/BBL)       | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 8 - AMOUNT (\$)              | 0             | 0                | 0                 | 0.0%                  |
| <b>9 - ADJUSTMENTS</b>       |               |                  |                   |                       |
| 10 - UNITS (BBL)             | 0             |                  |                   |                       |
| 11 - AMOUNT (\$)             | 0             |                  |                   |                       |
| <b>12 - ENDING INVENTORY</b> |               |                  |                   |                       |
| 13 - UNITS (BBL)             | 0             | 0                | 0                 | 0.0%                  |
| 14 - UNIT COST (\$/BBL)      | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 15 - AMOUNT (\$)             | 0             | 0                | 0                 | 0.0%                  |
| 16 -                         |               |                  |                   |                       |
| 17 - DAYS SUPPLY             | 0             | 0                | 0                 | 0.0%                  |
| <b>LIGHT OIL</b>             |               |                  |                   |                       |
| <b>18 - PURCHASES</b>        |               |                  |                   |                       |
| 19 - UNITS (BBL)             | 29,321        | 18,876           | 10,445            | 55.3%                 |
| 20 - UNIT COST (\$/BBL)      | 133.42        | 159.67           | (26.25)           | (17.3%)               |
| 21 - AMOUNT (\$)             | 3,911,979     | 3,013,999        | 897,980           | 29.8%                 |
| <b>22 - BURNED</b>           |               |                  |                   |                       |
| 23 - UNITS (BBL)             | 124,895       | 18,876           | 106,019           | 561.7%                |
| 24 - UNIT COST (\$/BBL)      | 98.44         | 159.67           | (61.24)           | (38.4%)               |
| 25 - AMOUNT (\$)             | 12,294,279    | 3,013,999        | 9,280,280         | 307.9%                |
| <b>26 - ADJUSTMENTS</b>      |               |                  |                   |                       |
| 27 - UNITS (BBL)             | 4,468         |                  |                   |                       |
| 28 - AMOUNT (\$)             | 574,531       |                  |                   |                       |
| <b>29 - ENDING INVENTORY</b> |               |                  |                   |                       |
| 30 - UNITS (BBL)             | 839,416       | 947,635          | (108,219)         | (11.4%)               |
| 31 - UNIT COST (\$/BBL)      | 112.29        | 109.83           | 2.46              | 2.2%                  |
| 32 - AMOUNT (\$)             | 94,257,565    | 104,075,698      | (9,818,133)       | (9.4%)                |
| 33 -                         |               |                  |                   |                       |
| 34 - DAYS SUPPLY             | 0             | 0                | 0                 | 0.0%                  |



# A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 10/1/2017

Run Date: 11/3/2017 3:54:44PM

|                              | <u>ACTUAL</u> | <u>ESTIMATED</u> | <u>DIFFERENCE</u> | <u>DIFFERENCE (%)</u> |
|------------------------------|---------------|------------------|-------------------|-----------------------|
| <b>COAL</b>                  |               |                  |                   |                       |
| <b>35 - PURCHASES</b>        |               |                  |                   |                       |
| 36 - UNITS (TON)             | 3,890,806     | 3,627,876        | 262,930           | 7.2%                  |
| 37 - UNIT COST (\$/TON)      | 76.08         | 66.87            | 9.21              | 13.8%                 |
| 38 - AMOUNT (\$)             | 296,006,304   | 242,579,074      | 53,427,230        | 22.0%                 |
| <b>39 - BURNED</b>           |               |                  |                   |                       |
| 40 - UNITS (TON)             | 3,796,738     | 3,627,876        | 168,862           | 4.7%                  |
| 41 - UNIT COST (\$/TON)      | 77.65         | 66.87            | 10.78             | 16.1%                 |
| 42 - AMOUNT (\$)             | 294,814,953   | 242,579,074      | 52,235,879        | 21.5%                 |
| <b>43 - ADJUSTMENTS</b>      |               |                  |                   |                       |
| 44 - UNITS (TON)             | 0             |                  |                   |                       |
| 45 - AMOUNT (\$)             | (3,974,256)   |                  |                   |                       |
| <b>46 - ENDING INVENTORY</b> |               |                  |                   |                       |
| 47 - UNITS (TON)             | 855,222       | 882,732          | (27,510)          | (3.1%)                |
| 48 - UNIT COST (\$/TON)      | 76.04         | 62.58            | 13.46             | 21.5%                 |
| 49 - AMOUNT (\$)             | 65,031,802    | 55,245,253       | 9,786,549         | 17.7%                 |
| 50 -                         |               |                  |                   |                       |
| 51 - DAYS SUPPLY             | 0             | 0                | 0                 | 0.0%                  |
| <b>OTHER</b>                 |               |                  |                   |                       |
| 52                           |               |                  |                   |                       |
| 53                           |               |                  |                   |                       |
| 54                           |               |                  |                   |                       |
| 55                           |               |                  |                   |                       |
| 56                           |               |                  |                   |                       |
| 57                           |               |                  |                   |                       |
| 58                           |               |                  |                   |                       |
| 59                           |               |                  |                   |                       |
| 60                           |               |                  |                   |                       |
| 61                           |               |                  |                   |                       |
| 62                           |               |                  |                   |                       |
| 63                           |               |                  |                   |                       |
| 64                           |               |                  |                   |                       |
| 65                           |               |                  |                   |                       |

# A-5 System Generation Fuel Cost Report

Duke Energy Florida, LLC

Report Period: 1/1/2017 to 10/1/2017

Run Date: 11/3/2017 3:54:44PM

|                           | <u>ACTUAL</u> | <u>ESTIMATED</u> | <u>DIFFERENCE</u> | <u>DIFFERENCE (%)</u> |
|---------------------------|---------------|------------------|-------------------|-----------------------|
| <b>GAS</b>                |               |                  |                   |                       |
| <b>66 - BURNED</b>        |               |                  |                   |                       |
| 67 - UNITS (MCF)          | 178,352,307   | 159,344,257      | 19,008,050        | 11.9%                 |
| 68 - UNIT COST (\$/MCF)   | 4.38          | 4.32             | 0.05              | 1.2%                  |
| 69 - AMOUNT (\$)          | 780,351,875   | 689,106,017      | 91,245,858        | 13.2%                 |
| <b>NUCLEAR</b>            |               |                  |                   |                       |
| <b>70 - BURNED</b>        |               |                  |                   |                       |
| 71 - UNITS (MMBTU)        | 0             | 0                | 0                 | 0.0%                  |
| 72 - UNIT COST (\$/MMBTU) | 0.00          | 0.00             | 0.00              | 0.0%                  |
| 73 - AMOUNT (\$)          | 0             | 0                | 0                 | 0.0%                  |

Duke Energy Florida, LLC  
Schedule A6  
Power Sold for the Month of  
October 2017

| (1)                                  | (2)             | (3)                     | (4)  | (5)                                 | (6a)               | (6b)                | (7)                  | (8)              | (9)                 |
|--------------------------------------|-----------------|-------------------------|--|-------------------------------------|--------------------|---------------------|----------------------|------------------|---------------------|
| Sold To                              | Type & Schedule | Total KWH Sold<br>(000) | Wheeled<br>KWH<br>from Other<br>Systems<br>(000) | KWH from Own<br>Generation<br>(000) | Fuel Cost<br>C/KWH | Total Cost<br>C/KWH | Fuel Adj Total<br>\$ | Total Cost<br>\$ | Gain on Sales<br>\$ |
| <b>ESTIMATED</b>                     |                 | 2,531                   |  | 2,531                               | 3.224              | 4 009               | 81,590.00            | 101,450.00       | 19,860.00           |
| <b>ACTUAL</b>                        |                 |                         |  |                                     |                    |                     |                      |                  |                     |
| Florida Municipal Power Agency       | CR-1            | 2,900                   |  | 2,900                               | 5.693              | 7.745               | 165,083.00           | 224,600.00       | 59,517.00           |
| Florida Power & Light Company        | CR-1            | 1,200                   |  | 1,200                               | 4.795              | 7.481               | 57,539.76            | 89,766.45        | 32,226.69           |
| Seminole Electric Cooperative Inc.   | Schedule J      | 100                     |  | 100                                 | 17.253             | 21 000              | 17,253.00            | 21,000.00        | 3,747.00            |
| Tallahassee (City of)                | CR-1            | 75                      |  | 75                                  | 4.649              | 6 614               | 3,486.88             | 4,960.16         | 1,473.28            |
| Tampa Electric Company               | CR-1            | 8,900                   |  | 8,900                               | 4.013              | 6 334               | 357,200.00           | 563,027.05       | 205,827.05          |
| The Energy Authority                 | Schedule OS     | 235                     |  | 235                                 | 2.844              | 3.410               | 6,684.54             | 8,014.16         | 1,329.62            |
| PJM Settlements                      | MR-1            |                         |  |                                     |                    |                     |                      | 1,171.24         | 1,171.24            |
| Subtotal - Gain on Other Power Sales |                 | 13,410                  |  | 13,410                              | 4.528              | 6 805               | 607,247.18           | 912,539.06       | 305,291.88          |
| CURRENT MONTH TOTAL                  |                 | 13,410                  |  | 13,410                              | 4.528              | 6 805               | 607,247.18           | 912,539.06       | 305,291.88          |
| DIFFERENCE                           |                 | 10,879                  |  | 10,879                              | 1.304              | 2.796               | 525,657.18           | 811,089.06       | 285,431.88          |
| DIFFERENCE %                         |                 | 430                     |  | 430                                 | 40.456             | 69.741              | 644.27               | 799.50           | 1,437.22            |
| CUMULATIVE ACTUAL                    |                 | 67,765                  |  | 67,765                              | 3.877              | 5.114               | 2,627,509.21         | 3,465,770.46     | 838,261.25          |
| CUMULATIVE EST MATED                 |                 | 60,984                  |  | 60,984                              | 3.164              | 3.934               | 1,929,295.00         | 2,398,906.00     | 469,611.00          |
| DIFFERENCE                           |                 | 6,781                   |  | 6,781                               | 0.714              | 1.181               | 698,214.21           | 1,066,864.46     | 368,650.25          |
| DIFFERENCE %                         |                 | 11                      |  | 11                                  | 22.560             | 30 020              | 36.19                | 44.47            | 78.50               |

DUKE ENERGY FLORIDA, LLC.  
SCHEDULE A7

PURCHASED POWER  
EXCLUSIVE OF ECONOMY PURCHASES  
FOR THE MONTH OF:  
October, 2017

| (1)                               | (2)                   | (3)                                | (4)                              | (5)                                  | (6)                         | (7)                   | (8)                    | (9)                                   | (10)               |
|-----------------------------------|-----------------------|------------------------------------|----------------------------------|--------------------------------------|-----------------------------|-----------------------|------------------------|---------------------------------------|--------------------|
| PURCHASED FROM                    | TYPE<br>&<br>SCHEDULE | TOTAL<br>KWH<br>PURCHASED<br>(000) | KWH<br>FOR<br>UTILITIES<br>(000) | KWH<br>FOR<br>INTERRUPTIBLE<br>(000) | KWH<br>FOR<br>FIRM<br>(000) | FUEL<br>COST<br>C/KWH | TOTAL<br>COST<br>C/KWH | TOTAL<br>AMOUNT<br>FOR FUEL ADJ<br>\$ | FUEL<br>COST<br>\$ |
| ESTIMATED                         |                       | 237,212                            |                                  |                                      | 237,212                     | 4.211                 | 4.211                  | 9,989,330.00                          | 9,989,330.00       |
| ACTUAL                            |                       |                                    |                                  |                                      |                             |                       |                        |                                       |                    |
| Shady Hills Power Company, L.L.C. | TOLL                  | 26,979                             |                                  |                                      | 26,979                      | 5.651                 | 5.651                  | 1,524,696.29                          | 1,524,696.29       |
| Southern Power Company            | Franklin              | 107,505                            |                                  |                                      | 107,505                     | 3.299                 | 3.299                  | 3,546,234.31                          | 3,546,234.31       |
| Vandolah Power Company L.L.C.     | TOLL                  | 75,067                             |                                  |                                      | 75,067                      | 5.593                 | 5.593                  | 4,198,648.55                          | 4,198,648.55       |
| ADJUSTMENTS                       |                       |                                    |                                  |                                      |                             |                       |                        |                                       |                    |
| Shady Hills Power Company, L.L.C. | TOLL                  | 7,290                              |                                  |                                      | 7,290                       | (0.020)               | (0.020)                | (1,226.07)                            | (1,226.07)         |
| Southern Power Company            | Franklin              | (100)                              |                                  |                                      | (100)                       | 4.320                 | 4.320                  | (4,317.89)                            | (4,317.89)         |
| Vandolah Power Company L.L.C.     | TOLL                  | 3,438                              |                                  |                                      | 3,438                       | 2.710                 | 2.710                  | 93,194.40                             | 93,194.40          |
| CURRENT MONTH TOTAL               |                       | 220,179                            |                                  |                                      | 220,179                     | 4.250                 | 4.250                  | 9,357,229.59                          | 9,357,229.59       |
| D FFERENCE                        |                       | (17,033)                           |                                  |                                      | (17,033)                    | 0.039                 | 0.039                  | (632,100.41)                          | (632,100.41)       |
| D FFERENCE %                      |                       | (7)                                |                                  |                                      | (7)                         | 0.922                 | 0.922                  | (6.33)                                | (6.33)             |
| CUMULATIVE ACTUAL                 |                       | 2,766,485                          |                                  |                                      | 2,766,485                   | 4.482                 | 4.482                  | 124,001,329.84                        | 124,001,329.84     |
| CUMULATIVE EST MATED              |                       | 1,703,710                          |                                  |                                      | 1,703,710                   | 4.109                 | 4.109                  | 70,008,793.00                         | 70,008,793.00      |
| D FFERENCE                        |                       | 1,062,775                          |                                  |                                      | 1,062,775                   | 0.373                 | 0.373                  | 53,992,536.84                         | 53,992,536.84      |
| D FFERENCE %                      |                       | 62                                 |                                  |                                      | 62                          | 1.890                 | 1.890                  | 77.12                                 | 77.12              |

| (1)<br>PURCHASED FROM                               | (2)<br>TYPE<br>&<br>SCHEDULE | (3)<br>TOTAL<br>PURCHASED<br>KWH<br>(000) | (4)<br>KWH FOR<br>OTHER<br>UTILITIES<br>(000) | (5)<br>KWH<br>FOR<br>INTERRUPTIBLE<br>(000) | (6)<br>KWH<br>FOR<br>FIRM<br>(000) | (7)<br>ENERGY<br>COST<br>C/KWH | (8)<br>TOTAL<br>COST<br>C/KWH | (9)<br>TOTAL<br>AMOUNT<br>FOR FUEL ADJ<br>\$ |
|---|------------------------------|---|---|---|------------------------------------|--------------------------------|-------------------------------|--|
| ESTIMATED   |                              | 239,983                                   | -   | -   | 239,983                            | 4.291                          | 14.281                        | 10,297,653.00                                |
| ACTUAL  |                              |   |   |   |                                    |                                |                               |  |
| Citrus World (CITRUS)<br>ADJ                        | CO-GEN                       | 8   |   |   | 8                                  | 3.528                          | 3.528                         | 288.62                                       |
| Florida Power Development (FCRUSHAS)<br>ADJ         | CO-GEN                       | 8   |   |   | 8                                  | 3.357                          | 3.357                         | 268.57                                       |
| Florida Power Development (FLACRUSH)<br>ADJ         | CO-GEN                       | 32,552                                    |   |   | 32,552                             | 7.638                          | 7.638                         | 2,486,481.13                                 |
| Lake County (LAKCOUNT)<br>ADJ                       | CO-GEN                       | 321                                       |   |   | 321                                | 2.926                          | 2.926                         | 9,392.56                                     |
| Lee County (LEECOGAS)<br>ADJ                        | CO-GEN                       | 10,999                                    |   |   | 10,999                             | 2.725                          | 2.725                         | 299,740.26                                   |
| Metro-Dade County (METRDADE)<br>ADJ                 | CO-GEN                       | -   |   |   | -                                  | 0.000                          | 0.000                         | -  |
| Metro-Dade County (METRDDAS)<br>ADJ                 | CO-GEN                       | 7,778                                     |   |   | 7,778                              | 2.916                          | 2.916                         | 226,769.01                                   |
| Orange Cogen (ORANGEAS)<br>ADJ                      | CO-GEN                       | 935                                       |   |   | 935                                | 2.890                          | 2.890                         | 27,020.17                                    |
| Orange Cogen (ORANGECO)<br>ADJ                      | CO-GEN                       | 35,640                                    |   |   | 35,640                             | 4.244                          | 4.244                         | 1,512,561.60                                 |
| Orlando Cogen Limited (ORLACOG)<br>ADJ              | CO-GEN                       | 89,225                                    |   |   | 89,225                             | 5.338                          | 5.338                         | 4,762,624.33                                 |
| Orlando Cogen Limited (ORLCOGAS)<br>ADJ             | CO-GEN                       | -   |   |   | -                                  | 0.000                          | 0.000                         | -  |
| Pasco County Resource Recovery (PASCOUNT)<br>ADJ    | CO-GEN                       | 11,147                                    |   |   | 11,147                             | 3.056                          | 3.056                         | 340,707.30                                   |
| PCS Phosphate (OCSWFCRK)<br>ADJ                     | CO-GEN                       | 19  |   |   | 19                                 | 3.284                          | 3.284                         | 612.55                                       |
| Pinellas County Resource Recovery (P NCOUNT)<br>ADJ | CO-GEN                       | 16,097                                    |   |   | 16,097                             | 3.061                          | 3.061                         | 492,744.85                                   |
| Polk Power Partners, L.P. (MULBERRY)<br>ADJ         | CO-GEN                       | 37,434                                    |   |   | 37,434                             | 3.358                          | 3.358                         | 1,257,033.72                                 |
| Wheelabrator Ridge Energy, Inc. (RIDGEGEN)<br>ADJ   | CO-GEN                       | 13,304                                    |   |   | 13,304                             | 5.551                          | 5.551                         | 738,505.04                                   |
| CURRENT MONTH TOTAL                                 |                              | 255,494                                   |   |   | 255,494                            | 4.89                           | 4.89                          | 12,499,847.18                                |
| DIFFERENCE  |                              | 15,511                                    |   |   | 15,511                             | 0.60                           | (9.389)                       | 2,202,194.18                                 |
| DIFFERENCE %  |                              | 6.46                                      |   |   | 6.46                               | 14.02                          | (191.90)                      | 21.39  |
| CUMULATIVE ACTUAL                                   |                              | 2,671,699                                 |   |   | 2,671,699                          | 4.501                          | 4.501                         | 120,252,439.85                               |
| CUMULATIVE ESTIMATED                                |                              | 2,757,283                                 |   |   | 2,757,283                          | 4.234                          | 4.234                         | 116,737,105.00                               |
| CUMULATIVE DIFFERENCE                               |                              | (85,584)                                  |   |   | (85,584)                           | 0.267                          | 0.267                         | 3,515,334.85                                 |
| CUMULATIVE DIFFERENCE %                             |                              | (3.10)                                    |   |   | (3)                                | 6.311                          | 6.311                         | 3.01   |

DUKE ENERGY FLORIDA, LLC.  
SCHEDULE A9

ECONOMY ENERGY PURCHASES  
INCLUDING LONG TERM PURCHASES  
FOR THE MONTH OF:  
OCTOBER, 2017

| (1)<br>PURCHASED FROM                    | (2)<br>TYPE &<br>&<br>SCHEDULE | (3)<br>TOTAL KWH<br>PURCHASED<br>(000) | (4)<br>ENERGY<br>COST<br>C/KWH | (5)<br>TOTAL AMOUNT<br>FOR FUEL ADJ<br>\$ | (6)<br>COST IF<br>GENERATED<br>C/KWH | (7)<br>COST IF<br>GENERATED<br>\$ | (8)<br>FUEL<br>SAVINGS<br>\$ |
|--|--------------------------------|--|--------------------------------|---|--------------------------------------|-----------------------------------|------------------------------|
| ESTIMATED                                |                                | 13,336                                 | 4.556                          | 607,566.00                                | 4.965                                | 662,140.00                        | 54,574.00                    |
| ACTUAL:                                  |                                |  |                                |   |                                      |                                   |                              |
| SubTotal - Energy Purchases (Broker)     |                                | -                                      | -                              | -   | -                                    | -                                 | -                            |
| SEPA                                     | Hydro                          | 1,926                                  | 3.542                          | \$68,221.03                               | 3.542                                | 68,221.03                         |                              |
| EDF Trading North America, LLC           |                                | 1,033                                  | 2.736                          | \$28,260.00                               | 3.359                                | \$34,699.50                       | 6,439.50                     |
| Exelon Generation Company, LLC           | InternationalSwapsDe           | 2,116                                  | 3.679                          | \$77,841.00                               | 4.10                                 | \$86,714.74                       | 8,873.74                     |
| Florida Power & Light Company            | Transmission Purchase          |  |                                | \$1,684.14                                |                                      |                                   | (1,684.14)                   |
| Florida Power & Light Company            |                                | 1,400                                  | 2.893                          | \$40,500.00                               | 3.155                                | \$44,169.75                       | 3,669.75                     |
| Jacksonville Electric Authority          | Transmission Purchase          |  |                                | \$1,228.80                                |                                      |                                   | (1,228.80)                   |
| Seminole Electric Cooperative Inc.       | Schedule J                     | 1,100                                  | 4.900                          | \$53,900.00                               | 8.631                                | \$94,941.00                       | 41,041.00                    |
| Seminole Electric Cooperative, Inc.      | Transmission Purchase          |  |                                | \$656.00                                  |                                      |                                   | (656.00)                     |
| Tallahassee (City of)                    | Schedule OS                    | 369                                    | 1.337                          | \$4,933.00                                | 1.954                                | \$7,210.05                        | 2,277.05                     |
| Tampa Electric Company                   | EEI2                           | 620                                    | 2.854                          | \$17,695.00                               | 3.308                                | \$20,510.95                       | 2,815.95                     |
| The Energy Authority                     | EI1                            | 435                                    | 2.355                          | \$10,245.00                               | 3.209                                | \$13,959.75                       | 3,714.75                     |
| ADJUSTMENTS                              |                                |  |                                |   |                                      |                                   |                              |
| PJM Settlements                          |                                |  |                                | 3,583.64                                  |                                      | -                                 | (3,583.64)                   |
| Southern Company Transmission            |                                |  |                                | (670.05)                                  |                                      |                                   | 670.05                       |
| Florida Power & Light                    |                                |  |                                | 46,799.69                                 |                                      |                                   | (46,799.69)                  |
| Jacksonville Electric                    |                                |  |                                | (2,331.91)                                |                                      |                                   | 2,331.91                     |
| SEPA                                     |                                | 58                                     |                                | 2,154.68                                  |                                      | 2,154.68                          | -                            |
| Duke Electric Transmission               |                                |  |                                | (6,147.12)                                |                                      |                                   | 6,147.12                     |
| SubTotal - Energy Purchases (Non-Broker) |                                | 9,057                                  | 3.848                          | 348,552.90                                | 4.114                                | 372,581.45                        | 24,028.55                    |
| <b>CURRENT MONTH TOTAL</b>               |                                | 9,057                                  | 3.848                          | 348,552.90                                | 4.114                                | 372,581.45                        | 24,028.55                    |
| DIFFERENCE                               |                                | (4,279)                                | (0.708)                        | (259,013.10)                              | (0.851)                              | (289,558.55)                      | (30,545.45)                  |
| DIFFERENCE %                             |                                | (32)                                   | (15.530)                       | (42.63)                                   | (17.145)                             | (43.73)                           | (55.97)                      |
| CUMULATIVE ACTUAL                        |                                | 204,337                                | 3.984                          | 8,141,727.76                              | 5.212                                | 10,649,712.42                     | 2,507,984.66                 |
| CUMULATIVE ESTIMATED                     |                                | 82,514                                 | 4.595                          | 3,791,406.00                              | 4.928                                | 4,066,499.00                      | 275,093.00                   |
| DIFFERENCE                               |                                | 121,823                                | (0.610)                        | 4,350,321.76                              | 0.284                                | 6,583,213.42                      | 2,232,891.66                 |
| DIFFERENCE %                             |                                | 148                                    | (13.285)                       | 114.74                                    | 5.8                                  | 161.89                            | 811.69                       |

DUKE ENERGY FLORIDA  
SCHEDULE A12 - CAPACITY COSTS  
FOR THE PERIOD JAN - DEC 2017

| Counterparty                                   | Type  | MW     | Start Date - End Date | JAN               | FEB               | MAR               | APR               | MAY               | JUN               | JUL               | AUG               | SEP               | OCT               | YTD                |
|--|-------|--------|-----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| 1 Orange Cogen (ORANGECO)                      | QF    | 74.00  | 7/1/95 - 12/31/24     | 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         | 50,715,638         |
| 2 Orlando Cogen Limited (ORLACOGL)             | QF    | 79.20  | 9/1/93 - 12/31/23     | 5,102,804         | 5,102,804         | 5,102,804         | 5,102,804         | 5,089,383         | 5,094,138         | 5,096,530         | 5,099,746         | 5,097,899         | 4,988,662         | 50,877,571         |
| 3 Pasco County Resource Recovery (PASCOUNT)    | QF    | 23.00  | 1/1/95 - 12/31/24     | 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         | 17,848,000         |
| 4 Pinellas County Resource Recovery (PINCOUNT) | QF    | 54.75  | 1/1/95 - 12/31/24     | 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         | 42,486,000         |
| 5 Polk Power Partners, L.P. (MULBERRY)         | QF    | 115.00 | 8/1/94 - 8/8/24       | 6,733,888         | 6,656,139         | 6,675,150         | 6,669,159         | 6,662,563         | 6,900,122         | 6,965,675         | 6,965,675         | 6,965,675         | 6,965,675         | 68,159,721         |
| 6 Wheelabrator Ridge Energy, Inc. (RIDGEGEN)   | QF    | 39.60  | 8/1/94 - 12/31/23     | 1,097,143         | 646,573           | 648,924           | 678,961           | 684,116           | 705,834           | 719,623           | 750,224           | 765,134           | 751,969           | 7,448,501          |
| 7 Southern purchase - Franklin                 | Other | 425    | 6/1/16 - 5/31/21      | 4,485,507         | 4,630,269         | 2,673,583         | 2,669,458         | 2,955,813         | 6,057,918         | 6,236,165         | 6,252,703         | 4,638,320         | 2,750,085         | 43,349,822         |
| 8 Retail Wheeling                              |       |        |                       | (23,615)          | (2,605)           | (13,552)          | (1,023)           | (49,903)          | (27)              | (9,282)           | (6,007)           | (3,342)           | (4,243)           | (113,599)          |
| 9 CR-3 Projected Expense                       |       |        |                       | 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         | 43,357,850         |
| 10 ISFSI Return                                |       |        |                       | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 724,926           | 726,807           | 728,105           | 735,486           | 2,915,324          |
| 11 ASC Servicing Fee                           |       |        |                       | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | (296,269)         | 0                 | (160,182)         | 0                 | (456,451)          |
| <b>SUBTOTAL</b>                                |       |        |                       | <b>32,959,883</b> | <b>32,569,913</b> | <b>30,596,218</b> | <b>30,601,242</b> | <b>30,796,432</b> | <b>34,185,023</b> | <b>34,836,981</b> | <b>35,161,337</b> | <b>33,376,374</b> | <b>31,504,974</b> | <b>326,588,377</b> |

**Confidential Capacity Contracts (Aggregated):**

| Purchases/Sales (Net) | Type  | MW    | Contracts | JAN               | FEB               | MAR               | APR               | MAY               | JUN               | JUL               | AUG               | SEP               | OCT               | YTD                |
|-----------------------|-------|-------|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| Total                 | Other | 1,176 | 4         | 6,763,320         | 6,632,182         | 5,145,606         | 5,095,613         | 6,405,991         | 11,377,271        | 11,285,905        | 11,291,146        | 6,206,117         | 4,658,860         | 74,862,010         |
| <b>TOTAL</b>          |       |       |           | <b>39,723,203</b> | <b>39,202,095</b> | <b>35,741,824</b> | <b>35,696,855</b> | <b>37,202,424</b> | <b>45,562,294</b> | <b>46,122,885</b> | <b>46,452,483</b> | <b>39,582,491</b> | <b>36,163,833</b> | <b>401,450,387</b> |